AGNICO EAGLE

MELIADINE GOLD MINE

Water Management Plan

JUNE 2025
VERSION 16
6513-MPS-11

EXECUTIVE SUMMARY

Agnico Eagle Mines Limited (Agnico Eagle) is operating the Meliadine Gold Mine (Meliadine Mine), located approximately 25 kilometres (km) north of Rankin Inlet, and 80 km southwest of Chesterfield Inlet in the Kivalliq Region of Nunavut.

The water management objectives are to minimize potential impacts to the quantity and quality of surface water at the Mine. Water management structures include collection ponds (CPs), saline ponds (SPs), mined-out pits, diversion channels, dikes, berms, and treatment facilities: a potable Water Treatment Plant (WTP), a Sewage Treatment Plant (STP), an Effluent Water Treatment Plant (EWTP), a Saline Effluent Treatment Plant (SETP), and a Saline Effluent Waterline.

During mine Construction and Operations, contact water originating from affected areas on surface will be intercepted, diverted and collected within designated collection ponds. The collected water at the Mine will eventually be pumped and stored in Collection Pond 1 (CP1) and in Wesmeg Open Pit 3 (WES03), once mining of this pit is complete. Water stored in CP1 will be treated by the EWTP for removal of Total Suspended Solids (TSS) prior to discharge to the receiving environment. WES03 serves as an intermediate storage reservoir for contact water prior to controlled discharge to Itivia Harbour. Discharge to Itivia Harbour is prioritized, with the remainder discharged to Meliadine Lake according to the approved Meliadine Mine Adaptive Management Plan. At the Discovery site, contact water will be managed in the Discovery collection ponds (CPD1 and CPD2) and subsequently conveyed to the mined-out Wesmeg Open Pit 2 (WES02) for discharge to Itivia Harbour. Contact water from the Underground Mine will be collected in underground storage stopes and sumps. Some water from Underground will be reused for underground operations. Excess saline contact water will be pumped to SPs on the surface. From there, it is transferred to Tiriganiaq Open Pit (TIR02) or WES02, and ultimately treated at the SETP-WTC prior to discharge to Itivia Harbour via the waterline.

The long-term, post-closure water quality in the collection ponds and in the flooded open pit lakes will meet Metal and Diamond Mining Effluent Regulations (MDMER), Canadian Council of Ministers of the Environment Water Quality Guidelines (CCME-WQG) for the protection of aquatic life and/or the Site-Specific Water Quality Objectives (SSWQOs) developed for the Mine.

During mine closure, the water management infrastructure on site will remain in place until mine closure activities are completed, and monitoring demonstrates that the water quality is acceptable for environmental discharge without treatment.

ᓇᐃᓇᖅᓯᒪᔪᖅ

ᐊᒃᓂᓄ ᐃᔪ ᐅᔭᖅᑕᕆᐊᒃᓄᑦ (ᐊᒃᓂᓄᒃᓄᑦ) ᑕᓯᔦᐊᖏᑦ ᐅᔭᖅᑕᕆᐊᓕᐅᖅᑉᓗᓕᐊᔪᑦ (ᐅᔭᖅᑕᕆᐊᖅ), 25 ᑭᓪᒥᑕᓂᒃ ᐅᖓᓱᒃᑎᑎᔪᖅ ᐅᐊᖓᓇᖓᓂᑦ ᑲᖏᖅᓀᓂᐅᑦ, ᐊᒻᒪᓗ 80 ᑭᓪᒥᑕᓂᒃ ᐅᖓᓱᒃᑎᑎᑉᓗᓂ ᓂᑎᐊᓂᑦ ᐱᖓᓇᖅᑉᓯᔪᐊᓂᑦ ᐃᒪᓗᓪᓚᕐᔪᑉᑲ ᑭᓚᓕᑦᑎᑦ ᓄᓇᕗᑦ.

ᐃᒪᖏᒃ ᐊᐅᓪᓚᑎᓂᔭᒧᑦ ᐱᓕᕆᔨᒪᔪᓂ ᒥᑭᓪᓚᑲᓱᒪᔪᓂ ᐊᒃᑐᖅᓯᓂᐅᔪᖅᓇᖅᑐᑦ ᐃᒪᖃᖅᑎᑎᓂᖓᓐᓄ ᐊᒻᒪᓗ ᖃᓄᐃᓕᓂᖓᓐᓄᑦ ᖃᓄᖅᓂᑐᑦ ᐃᒪᐃᑦ ᐅᔭᖅᑕᕆᐊᖏᑦ. ᐃᒪᖏᒃ ᐊᐅᓪᓚᑎᓂᔭᒧᑦ ᐋᖅᑭᐅᐅᒪᔪᓂ (ᓄᓇᐅᑦ ᖃᓄᖅᓂᓂ ᐃᒪᖅᓯᐃᑦ, ᐃᒪᖏᒃ ᑮᑮᓚᑎᓂᔭᒧᑦ ᐊᓂᓵᓗᐃᑦ, ᐃᒪᖏᒃ ᓴᖅᑎᑎᑕᑎᓂᔭᒧᑦ ᓯᑦᓗᐃᑦ ᐊᒻᒪᓗ ᓯᑦᓗᓪᓕᑦ) ᑕᐃᒪᐅᔪᓂ ᐊᒻᒪᓗ ᓴᓇᔨᐅᓂᐊᖅᑐᑦ ᐱᔨᓚᐊᖅᖃᖏᓐᓄ ᓄᖅᖃᖓᑎᓪᓗᓄ ᐊᐅᓪᓚᑎᓂᔭᒧᑦ ᐊᒃᑐᖅᑕᐅᔪᓂᒃ ᐅᔭᖅᑕᕆᐊᖏᑦ ᐅᐸᓂᔨᓂᒃ ᐅᔭᖅᑕᖅᑎᑦᓗᓄ. ᐊᖏᕐᓂᖅ ᐃᒪᓕᓚᖓᖏᑦ ᐃᓕᐅᔪᓂ ᐃᒪᖏᒃ ᑲᑎᑎᖓᐃᐅᔪᓂ ᑕᓯᖁᐃᑦ, ᐃᒪᖏᑦ ᐱᓯᒪᓂᔭᒧᑦ ᐊᐅᓵᐃᑦ, ᓯᑦᓗᓂᑦ, ᐃᒥᖅᑕᐅᓂᐊᖅᑐᒥᒃ ᐃᒪᓕᓚᖓᖏᑦ (WTP), ᖃᐅᖓᖏᑦᓯᓗᑎᖅᑕᓚᖓᖏᑦ (STP), ᐃᒪᓕᑎᐊᓵᓕᐅᖓᖏᑦ (RO), ᑯᐃᔨᓂᒃ ᐃᒪᓕᓚᖓᖏᑦ (EWTP), ᐊᒻᒪᓗ ᑕᓚᐅᓕᖏᑦ ᐃᒪᖏᑦ ᑯᐃᔨᓚᖓᖏᑦ (SETP).

ᐅᔭᖅᑕᕆᐊᖅ ᓴᓇᔨᐅᑎᓪᓗᔪ ᐊᒻᒪᓗ ᐊᐅᓪᓚᕐᓂᐅᑎᓪᓗᔪ, ᐊᒃᑐᖅᑕᐅᔪᓂᖅ ᐃᒪᖅ ᐱᔨᐅᔨᖅ ᐊᒃᑐᖅᑕᐅᔪᓂᑦᓯᓂᒃ ᐃᓂᐅᔨᓂᒃ ᓄᖅᑐᖅ, ᓴᖅᑎᑎᑕᐅᓪᓗᔪ ᑕᓯᖁᐃᑦ ᐃᓂᓵᑦᓴᓕᐅᔨᖅ ᑕᓯᖁᐃᑦ 1-ᒧᐊᖅᑕᐅᓪᓂᓂ (CP1), ᐊᒃᑐᖅᑕᐅᔪᓂᖅ ᐃᒪᖅ ᐱᓕᕆᐊᖓᒃᑐᖅᓴᓂ EWTP-ᒥᑦ ᐋᔅᓂᐊᔅᓪᓚᑦ ᑲᑎᓴᑦ ᑕᐃᓂᖅᓀᖅᑐᑦ ᓯᑎᔨᐃᑦ (TSS) ᑯᐃᑎᑕᐅᓂᐊᓴᖅᑎᓪᓗᔪ ᓯᓚᒪᑦ. ᑯᐃᑎᑎᑎᓂᖅ ᐃᑎᐃᐊᓄᑦ ᓯᓄᓪᓕᐊᑐᐅᑎᔨᐅᔨᖅ, ᐊᒥᐊᒃᑯᖓ ᑯᐃᑎᑕᐅᓂᐊᖅᑐᓂᒃᓯᓂᔅᓴᐃᑦ ᑕᓯᖁᐃᔦᐊᖅᑐᑦ ᓴᖅᑎᑎᑕᐅᔪᓂᖅ ᐃᑎᐃᐊᓄᑦ ᑕᓯᖁᐃᑦ ᐅᔭᖅᑕᕆᐊᖅᑐᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᓕᒪᑦ ᐊᐅᓚᓪᓚᕐᓂᐅᑎᓪᓗᔪ ᑕᓯᖁᐃᑦ ᓚᓪᓚᒃᓴᐅᔨᐅᔨᖅ ᑕᓯᖁᐃᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᓕᒪᑦ ᐊᐅᓚᓪᓚᕐᓂᐅᑎᓪᓗᔪ ᑕᓯᖁᐃᓐᓇᖅᑐᑦ ᐃᓂᐅᔨᓂᒃ ᐃᓂᓵᑦᓴᓕᐅᔨᖅ ᑕᓯᖁᐃᑦ 1-ᒧᐊᖅᑕᐅᓪᓂᓂ (CP1), ᐊᒃᑐᖅᑕᐅᔪᓂᖅ ᐃᒪᖅ ᐱᓕᕆᐊᖓᓴᖅᑕᖅᓯᓂ EWTP-ᒥᑦ ᐋᔅᓂᐊᔅᓪᓚᑦ ᑲᑎᓴᑦ ᑕᐃᓂᖅᓀᖅᑐᑦ ᓯᑎᔨᐃᑦ (TSS) ᑯᐃᑎᑕᐅᓂᐊᓴᖅᑎᓪᓗᔪ ᓯᓚᒪᑦ. ᑯᐃᑎᑎᑎᓂᖅ ᐃᑎᐃᐊᓄᑦ ᓯᐅᓚᓪᓕᐊᑐᐅᑎᔨᐅᔨᖅ, ᐊᒥᐊᒃᑯᖓ ᑯᐃᑎᑕᐅᓂᐊᖅᑐᓕᒪᑦ ᑕᓯᖁᐃᔦᐊᖅᑐᑦ ᓚᓪᓚᒃᓴᐅᔨᐅᔨᖅ ᑕᓯᖁᐃᑦ ᐅᔭᖅᑕᕆᐊᖅᑐᑦ ᐊᒃᑐᖅᑕᐅᓂᐊᖅᑐᓕᒪᑦ ᐊᐅᓚᓪᓚᕐᓂᐅᑎᓪᓗᔪ ᑕᓯᖁᐃᑦ ᓚᓪᓚᒃᓴᐅᔨᐅᔨᖅ ᑕᓯᖁᐃᑦ ᐊ

TABLE OF CONTENTS

EXECUTIVE SUMMARY **1**

ᓇᐃᓇᖅᓯᒪᔪᖅ **2**

TABLE OF CONTENTS **3**

LIST OF FIGURES **6**

LIST OF TABLES **7**

DOCUMENT CONTROL **1**

ACRONYMS **7**

UNITS **8**

SECTION 1 • INTRODUCTION **9**

1.1 Water Management Objectives 9

1.2 Management and Execution of the Water Management Plan 9

SECTION 2 • BACKGROUND **11**

2.1 Site Conditions 11

2.1.1 Local Hydrology 11

2.1.2 Ice and Winter Flows 11

2.1.3 Spring Melt (freshet) and Freeze-up Conditions 12

2.1.4 Permafrost 12

2.1.5 Local Hydrogeology 12

2.2 Mine Development Plan 13

SECTION 3 • WATER MANAGEMENT CONTROLS AND STRUCTURES **14**

3.1 Water Management Systems 14

3.2 Water Management Structures Design Criteria 19

3.3 Water Collection ponds 21

3.4 P-Area Ponds 21

3.5 Contaminated Snow Cell 22

3.6 Saline Ponds 22

3.6.1 Existing Saline Ponds....22
3.6.2 Saline Pond 6 (SP6) to be Constructed....23
3.7 Water Storage in Mined-Out Pits....23
3.8 Water Diversion Channels, Dikes and Berms....24
3.8.1 Water Diversion Channels....24
3.8.2 Water Retention Dikes and Berms....25
3.8.2.1 Thermal Monitoring....26
3.9 Freshwater Intake....27
3.10 Water Treatment....27
3.10.1 Freshwater Treatment Plant (WTP)....27
3.10.2 Sewage Treatment Plant (STP)....27
3.10.3 Saline Water Treatment Plant (SWTP)....27
3.10.4 Water Treatment Complex (WTC)....28
3.10.4.1 Effluent Water Treatment Plant (EWTP)....28
3.10.4.2 Saline Effluent Treatment Plant (SETP)....29
3.10.4.3 Sludge management....29
3.10.5 Oil Separators....30
3.10.6 Reverse Osmosis Plant (RO)....30
3.11 Meliadine Lake Discharge Diffuser....31
3.12 Saline Water Discharge to Sea....31
3.13 Water Management Structure Monitoring....32
3.12.1 Culvert and Water Crossing Inspections....32
3.12.2 Collection Pond Inspections....32
3.12.3 Dike and Thermal Berm Inspections....33
3.12.4 Water Diversion Channel and Berm Inspections....33

SECTION 4 • WATER MANAGEMENT STRATEGY....35

4.1 Key Water Management Activities....37
4.1.1 Pond Dewatering and Displacement....41
4.1.2 Underground Water Management....44
4.1.3 Water Management for Haul Road....44
4.1.4 Water Management for Landfarm and Landfill....44
4.1.5 Water Management for Emulsion Plant Area....45

4.1.6 Water Management for the Wash Bay....45
4.2 Freshwater and Sewage Management....45
4.2.1 Freshwater Management....45
4.2.2 Sewage Management....47
4.2.3 Process Water Management....47
4.3 Meliadine Lake Diffuser Effluent Flow Rates....47
SECTION 5 • WATER BALANCE....48
5.1 Site Water Balance Model....48
SECTION 6 • WATER QUALITY....49
6.1 Summary of Regulatory Guidelines....49
6.2 Water Quality Monitoring - Licence Amendment....50
6.3 Water Quality Modelling and Forecasts....50
6.4 Post-Closure....50
SECTION 7 • WATER MANAGEMENT DURING CLOSURE....51
7.1 Mine Flooding....51
7.3 Collection Ponds, Dikes and Berms....52
7.4 Channels and Sumps....52
REFERENCES....53
FIGURES....58
APPENDIX A – WATER BALANCE AND WATER QUALITY MODEL REPORT....68

LIST OF FIGURES

Figure 1: General Mine Site Location Plan 58
Figure 2: General Mine Site Plan Layout 59
Figure 3: P-Area Plan View and Design of the P3 Pad 60
Figure 4: Location and Design of Saline Pond 4 (SP4) within Tiriganiaq Pit 1 61
Figure 5: Mine Site Layout at 2031 62
Figure 6: Conceptual Site Water Management Flow Diagram for the Site 63
Figure 7: Conceptual Site Water Management Fow Diagram as Planned at the End of the Life of Mine 64
Figure 8: Water Quality Monitoring Locations on Site 65
Figure 9: Water Quality Monitoring Locations at Itivia 66
Figure 10: Mine Site Layout After Closure 67

LIST OF TABLES

Table 1: Constructed Water Management Control Structures 16
Table 2: Water Management Control Structures to be Constructed 17
Table 3: As-Built Parameters for CP1 and CP5 20
Table 4: As-Built Parameters for CP2, CP3, CP4, and CP6 20
Table 5: Location of Collection Pond and Required Operation Periods 21
Table 6: P3 Sump Design Criteria 22
Table 7: Storage Capacities for Saline Pond 1 and Tiriganiaq Pit 2 23
Table 8: As-Built and Design Parameters for Channels 25
Table 9: As-Built and Design Parameters for Water Retention Dike/Berm 26
Table 10: Existing Water Management Infrastructures 36
Table 11: Water Management Infrastructures to be Constructed 37
Table 12: Completed and Planned Key Water Management Activities 38
Table 13: Planned Lakes and Ponds Dewatering Schedule Inventory 43
Table 14: Freshwater Consumption for Meliadine Mine 46
Table 15: Evolution of Site Water Balance Model 48
Table 16: Key Water Management Activities during Mine Closure 51

DOCUMENT CONTROL

Version	Date	Section	Page	Revision	Author
6	March 2019	All	All	Update is to fulfill annual review requirement (NWB)	Environment Department
		1	4	Update to Mine Development Plan information	
		3.1	8-12	Updated Version 6 changes	
		3.2	11-12	Updated existing water management control structures.	
		3.3	12-14	Revised structure design semantics; corrections to culvert design; updated CP3, CP4 design parameters and naming convention; removed incorrect	
		3.6	15	artifact pertaining to culvert 1 flow handling	
		3.8, 3.9	17-21	Addition of SP3; updates to SP2 design Included as-built parameter values; updated berm and dike naming convention, thermistor information	
		3.11	21-22	Updated freshwater intake design information; updates to SWTP system; RO management; EWTP monitoring;	
		4.1, 4.2	25-31	removed incorrect information pertaining to Freshwater intake	
		4.6	35	Updated management of saline discharge to sea; revised information proposed in initial design Updated key management activities	
		6.3	37	schedule to include discharge to sea;	
		7	40	updated regarding underground inflow management; revised haul road	
		Figure 1.2		management; revised wash bay	
		Figure 6.1, 6.2		management; updated process water quantities	
				Updated impacted waterbodies status	
		Figure 7.1a		Revised semantics regarding flow	
		3.9.4		paths	
7	August 2019		20	Included additional information regarding July 23rd exceedance	
		4.1		Updated Layout to most recent General Mine Site Plan	
		4.1.1	26	Specified plan layouts are from feasibility level study	
			27-28	Updated Layout with monitoring stations to most recent General Mine	
		3.5		Site Plan	

				Updated EWTP trigger limit to account
8	November	Figure 3.2		for variance introduced by TSS-
	2019	All	15-16	turbidity correlation strength
				Updated Key Activities (Table 10) to
		Exec.	55	reflect changes to H19/H20
9		Summary		
	March	3.1	All	dewatering schedule
	2020			Revised H19/H20 dewatering plan with
				requirements for advancement in
		3.2		dewatering schedule; Updated
		3.3		dewatering schedule (Table 11)
			9	
		3.4		
		3.5	12	Updated Saline Pond section to include
		3.6	13	current existence of SP2 and plans for
		3.9		construction of SP4.
			15	Figure changed from planned location
		3.11	15	of SP2 to planned location of SP4.
			16-17	Update is to fulfill annual review
		3.12	19-21	requirement (NWB)
		4.1		Updated to include SETP, excess saline
		4.2	22	contact water management
		4.3		Updated existing water management
			23	systems (saline ponds, SETP, discharge
		5	26-30	to sea)
		7	31	Updated Table 2 and Table 3
			32-33	Updated to include CP4 as existing
				structure and modified CP6
		Figure 1.1	33-34	construction date
		Figure 1.2	40	Update to Section
				Updated to Section
		All		Updated Table 7
		3		Update to SWTP and EWTP systems,
				addition of SETP
		3.1		Updated management of saline water
10	July	3.2		discharge to sea
	2020 2021	3.3		Update to Section
		3.5	All	Updated Table 10 and Section
		3.6	11-22	Updated process water management
		3.9.4		Updated Meliadine Lake diffuser
		4	13	effluent flow rates and EWTP sludge
		4.3	15	disposal options
		5	16	Update to Section
			18	Update to Section. Removed
		6	18-20	information already presented in
		7	25	annual report (i.e., MEL-14 and MEL-SR
		Figure 2	27-35	results).
		Figure 4	34-35	Updated Layout to most recent
		Figure 6	36-38	General Mine Site Location Plan
		Figure 8		Updated Layout to most recent

			40-41	General Mine Site Plan
		Figure 9	42	
		All		Updated to support Water Licence Amendment
		2.2		Updated to include CP2, CP2-Berm, Channel 9 and 10, and decommissioning of SP2
		3		
11	August 2021	3.1		Updated Table 1 and section Updated Table 3 and section
			All	Updated Table 4 and section
		3.4		Removed SP2 and updated Table 6 and section
			8-9	
		3.5	10	Updated Table 7 and 8 and section
		3.6		Update to EWTP system
			10	Updated to add CP2 and update Table 9 and 10
		3.9.3		
		3.9.4	15-16	Update EWTP discharge rate and Table 13
		3.9.4.3	16	Water Balance update, moved section of Water Balance results and table into appendix C
			16-17	
		3.9.5		
			20-21	Water Quality update
		4	21	ICRP 2020 update and Table 16 to include CP2
		4.1	22	Updated layout to most recent General Mine Site
		4.3		
		5 & 6	22	Updated following decommissioning of SP2
			26	Updated to include CP2 monitoring
		3.9.6	28-30	Updated layout to most recent General Mine Site during closure
			35	Updated layout to most recent General Mine Site after closure
		2.1.5	35,37	
		3.1		Updated as per Part B, Item 13 of the Amended Water Licence
		3.2		
12	April 2022	3.4	23	Updated section to reflect current Mine Plan
		3.6		
13	April 2023	3.7	8	Added terminology and definitions for Plan clarity, removed Evaporators subsection
			10-12	
		4.1	14	
			15-16	Removed SWTP from water management systems, updated Table 1
		4.1.2	16-17	
			18	Updated section and Table 5 to reflect P-Area decommissioning
		4.3		
			30	Added section on Contaminated Snow Cell
			32	Updated section and Table 6 to include Tiriganiaq Pit 2 as saline water storage
			38	Updated section to reflect current

				SWTP status Section reorganized to include EWTP and SETP in Water Treatment Complex (WTC) Added section to discuss current and possible future sludge management options Updated to include second oil water separator at the maintenance shop wash bay Updated section and Table 9 to include Tiriganiaq Pits 1 and 2 in Water Management Strategy items Updated section and Table 10 Updated section and Table 13 Updated sections, removed WB and WQ results from document (these are/will be provided in Annual Reports) Added RO treatment section. Minor changes to the local hydrology section text Addition of channel 2 berm planned in Q2 2023 Modification of as-built numbers Text update on section P-area containment ponds Addition of description on SP3 saline pond Update of as-built numbers for channels 9 and 10, addition of channel 2 berm Management activities accomplished in 2022 and planned for 2023 Modification of predicted Groundwater inflows for version V14 of the Golder model Update of Effluent discharge numbers for 2022	
14_NWB	January 2024	Throughout		Submitted to Nunavut Water Board as part of the Meliadine Mine Water Licence Amendment	Permitting Department
14.1_NWB	February	4.3		Submitted to Nunavut Water Board Errata	Permitting Department
15	February 2025	1 2.2	7 11	Text edits Text edits	Environment Department

Table 1	11	Table modification according to schedule updates
3.1	13-14	Additions of water management system components and text edits
Table 2	16	Addition of Channel 2 berm
Table 3	16-17	Addition of containment ponds, Berm 4, removal of channels 12-13
3.2	18-19	Addition of detail on design criteria for new water management infrastructure and text edits
Table 6	20	Addition of CP9
3.4	20	Detail on modification of P3 area
Table 7	21	Inclusion of detail on P3 sump design criteria
3.6.1	22	Text edits
3.6.2	23	Text edits
3.7.1	23-24	Text edits
Table 9	25	Addition of channel 11
3.7.2	25	Text edits
Table 10	26	Addition of Channel 2 berm and Berm 4
3.9.4.1	28	Text edits
3.9.4.2	29	Text edits
3.9.4.3	30	Text edits
3.11	32	Text edits
Section 4	35	Text edits
Table 12	36	Removal of SUMP P1, P2 and P5
4.1	37	Text edits
Table 13	37-38	Addition of planned infrastructure and merge of previous version's Table 14
4.1.1	41	Inclusion of details on pond dewatering
Table 14	42-43	Addition of a table detailing planned pond dewatering information
Table 15	44	Inclusion of latest updated groundwater model results
4.1.4	45	Text edits
4.2.1	46	Text edits
Table 16	46-47	Columns label update
4.3	47-48	Text edits
Figure 6	49	Volume updates
Section 5	50-60	Addition of details on water balance modelling
6.3	62-63	Text edits
Appendices	All	Removed Appendices. These will be submitted as standalone documents moving forward.

15b	March 2025	3.9.4.2 3.9.4.3 5.3.7	28 29 51	Updated to reflect Agnico Eagle is currently designing a treatment system for ammonia nitrogen to meet the MDMER which will replace breakpoint chlorination Updated Table 16 and related text
16	June 2025	1 2.2 Section 3 – All Section 4 – All Section 5 – All 6.3, 6.4 7, 7.1	9 13 14-34 35-47 48 53 54	Updated for Meliadine Pump Underground and Water Storage in Pits Modification

ACRONYMS

Agnico Eagle	Agnico Eagle Mines Limited
AWAR	All Weather Access Road
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
CCME-WQG	Canadian Council of Ministers of the Environment Water Quality Guidelines
CIRNAC	Crown-Indigenous Relations and Northern Affairs Canada
CP	Collection Pond
ECCC	Environment and Climate Change Canada
EQC	Effluent Quality Conditions
EWTP	Effluent Water Treatment Plant
FDP	Final Discharge Point
FEIS	Final Environmental Impact Statement
GTC	Ground Temperature Cable
GWMP	Groundwater Management Plan
ICRP	Interim Closure and Reclamation Plan
IDF	Inflow Design Flood
Licence	Type A Water Licence 2AM-MEL1631
MDMER	Metal and Diamond Mining Effluent Regulations
NIRB	Nunavut Impact Review Board
NWB	Nunavut Water Board
Mine	Meliadine Gold Mine
OP	Ore Pad
RO	Reverse Osmosis
SD	Support Document
SETP	Saline Effluent Treatment Plant
SP	Saline Pond
SSWQO	Site Specific Water Quality Objective
STP	Sewage Treatment Plant
SWTP	Saline Water Treatment Plant
TDS	Total Dissolved Solids
TSF	Tailings Storage Facility
TSS	Total Suspended Solids
WMP	Water Management Plan
WQ-MOP	Water Quality Management and Optimization Plan
WRSF	Waste Rock Storage Facility
WTC	Water Treatment Complex
WTP	Water Treatment plant

UNITS

%	percent
°C	degrees Celsius
°C/m	degrees Celsius per metre
mg/L	milligram per litre
km	kilometer(s)
km^2	kilo square meter(s)
m	metre
mm	millimetre
m^3	cubic metre(s)
m^3/day	cubic metre per day
m^3/s	cubic metre per second
m^3/hour	cubic metre per hour
m^3/year	cubic metre per year
Mm^3/year	million cubic metre (s) per year
Mm^3	million cubic metre(s)
masl	metres above sea level
Mt	million tonne(s)

SECTION 1 • INTRODUCTION

Agnico Eagle Mines Ltd. (Agnico Eagle) operates the Meliadine Gold Mine (Meliadine Mine) located approximately 25 kilometres (km) north of Rankin Inlet (Figure 1), Nunavut, and 80 km southwest of Chesterfield Inlet in the Kivalliq Region of Nunavut. The Mine is subject to the terms and conditions of both the amended Project Certificate 006 issued by the Nunavut Impact Review Board (NIRB) in accordance with the Nunavut Land Claims Agreement Article 12.5.12 on March 2nd, 2022 (NIRB, 2022) and the Amended Water Licence No. 2AM-MEL1631 (the Licence), issued by the Nunavut Water Board (NWB) on October 25th, 2024 and approved by the Minister of Northern Affairs on November 22nd, 2024 (NWB, 2024). The previous Type A Water Licence (2AM-MEL1631) authorized the mining undertaking at Tiriganiaq open pits and underground. The recently amended Water Licence also includes mining of the Wesmeg/Wesmeg North, Pump, F Zone, and Discovery deposits that were included in the 2014 Final Environmental Impact Statement (Agnico Eagle 2014) and Project Certificate No.006. A Water Licence Modification Application was recently submitted with the following proposed modification activities:

- Development of a portal within Pump Open Pit 2 (PUMP02) to facilitate access to mineralized zones within permafrost;
- Temporary surface storage of waste rock generated from Pump Underground development; and
- Utilization of mined-out pits for the storage of saline or contact water.

This document presents the updated WMP incorporating the most recent regulatory approvals and proposed modification activities.

1.1 Water Management Objectives

The water management objectives are to minimize potential impacts to the quantity and quality of surface water at the Mine and surrounding waterbodies. The purpose of the WMP is to provide information to applicable mine departments (e.g., Environment, Engineering, Mine, Energy and Infrastructure, etc.) for sound water management practices, proposed and existing infrastructure, the water balance model, water quality predictions, and for the water quality monitoring plan for the Mine.

Water management structures (collection ponds, mined-out open pits, culverts, sumps, pipelines, water diversion channels and water retention dikes/berms) are utilized to contain and manage contact water from areas affected by mining activities. Measures have been implemented for the Mine Construction and Mine Operation phases.

1.2 Management and Execution of the Water Management Plan

Revisions of the WMP can be initiated by changes in the Mine Development Plan (Mine Plan), operational performance, personnel or organizational structure, regulatory or social considerations, and/or design philosophy. The WMP will be reviewed annually by Agnico Eagle and updated as

necessary as part of the Annual Report. The Meliadine Mine Adaptive Management Plan is also used in combination with the Water Management Plan to provide management and mitigation actions.

SECTION 2 • BACKGROUND

2.1 Site Conditions

The Mine is located in an area of poorly drained lowlands near the northwest coast of Hudson Bay. The dominant terrain in the area consists of glacial landforms such as drumlins (glacial till), eskers (gravel and sand), and many small lakes. The topography is gently rolling with a mean elevation of 65 metres above sea level (m asl) and a maximum relief of 20 meters.

The local overburden consists of a thin layer of topsoil overlying silty gravelly sandy glacial till. Cobbles and boulders are present throughout the region at various depths. Bedrock at the Mine site area consists of a stratigraphic sequence of clastic sediments, oxide iron formation, siltstones, graphitic argillite, and mafic volcanic flows (Snowden, 2008; Golder, 2009).

The climate is extreme in the area, with long cold winters and short cool summers, and mean air temperatures of 12°C in July and -31°C in January. The mean annual air temperature at the Mine site is approximately -10.4 °C (Golder, 2012a). Strong winds blow from the north and north-northwest direction more than 30 percent of the time.

The mean annual precipitation in the area is approximately 412 mm and is typically equally split between rainfall and snowfall.

2.1.1 Local Hydrology

The Mine is located within the Meliadine Lake watershed. Meliadine Lake has a water surface area of approximately 107 square kilometres (km^2), a maximum length of 31 km, features a highly convoluted shoreline of 465 km, and has over 200 islands. Unlike most lakes, it has two outflows that drain into Hudson Bay through two separate river systems. It has a drainage area of 560 km^2 upstream of its two outflows. Most drainage occurs via the Meliadine River, which originates at the southwest end of the lake. The Meliadine River flows for a total stream distance of 39 km. The Meliadine River flows through a series of waterbodies, until it reaches Little Meliadine Lake and then continues into Hudson Bay. A second, smaller outflow from the west basin of Meliadine Lake drains into Peter Lake, which discharges into Hudson Bay through the Diana River system (a stream distance of 70 km). At its mouth, the Diana River has a drainage area of 1,460 km^2.

Watersheds in the Mine area are comprised of an extensive network of waterbodies, and interconnecting streams. The hydrology of these watersheds is dominated by lake storage and evaporation.

2.1.2 Ice and Winter Flows

Late-winter ice thicknesses on freshwater lakes in the Mine area range between 1.0 to 2.3 m with an average thickness of 1.7 m. Ice covers usually appear by the end of October and are completely

formed in early November. The spring ice melt (freshet) typically begins in mid-June and is complete by early July (Golder, 2012b).

2.1.3 Spring Melt (freshet) and Freeze-up Conditions

With the exception of the main outlet of Meliadine Lake, which has been observed to flow continuously throughout the year, outlets of waterbodies near the Mine typically start flowing late May or early June, followed by freshet flows in mid-to-late-June. Flows steadily decrease in July and low flows are ongoing from August to the end of October, prior to winter freeze.

2.1.4 Permafrost

The Mine is located in an area of continuous permafrost. The depth of permafrost is estimated to be in the order of 320 to 490 m (WSP, 2024b). The depth of the active layer ranges from about 1 m in areas with shallow overburden, up to 3 m adjacent to the lakes. The typical permafrost ground temperatures at the depths of zero annual amplitude (typically at the depth of below 15 m) are in the range of -5.0 to
-7.5 °C in the areas away from lakes and streams. The geothermal gradient ranges from 0.012 to 0.02 °C/m (Golder, 2012b).

2.1.5 Local Hydrogeology

Continuous permafrost areas, in dominant presence in the Mine area, are subject to the following groundwater flow regimes characteristics:

- A shallow flow regime located in an active layer (seasonally thawed) near the ground surface and above permafrost, also called suprapermafrost groundwater; and,
- A deep groundwater flow regime beneath the base of the permafrost, also called subpermafrost groundwater.

From late spring to early autumn, when temperatures are above 0 ˚C, the shallow active layer thaws. Within the active layer, the water table is projected to be a subdued replica of topography. Groundwater within the active layer flows to local depressions and ponds that drain to larger waterbodies. The talik, or unfrozen ground, beneath large waterbodies will be open. Open talik define areas of connections between suprapermaforst groundwater and deep groundwater flow regime beneath the permafrost.

In a study investigating groundwater flow within the vicinity of the Meliadine site, Golder (2012a) identified that circular lakes with a minimum radius of 290 m or elongated lakes with minimum half width of 160 m, are subject to have underlying open taliks. Meliadine Lake and Lake B7 are likely to have open taliks connected to the deep groundwater flow regime.

2.2 Mine Development Plan

Agnico Eagle is currently mining the Tiriganiaq deposit with two open pits and one underground operation. The 2024 Water Licence Amendment extends the Life of Mine to 2031 with the open pit mining of F Zone, Wesmeg, Pump, and Discovery deposits. In parallel, underground development of the Pump deposit (PUMP02) is planned to enhance resource recovery and operational efficiency. The approved Mine Plan is expected to produce approximately 38.1 million tonnes (Mt) of ore, 180.7 Mt of waste rock, 34.5 Mt of overburden waste, and 30.6 Mt of tailings. Agnico Eagle will continue exploration activities with the objective to extend mine life beyond 2031.

Mining facilities on surface include a plant site and accommodation buildings, ore stockpiles, a tailings storage facility (TSF), waste rock storage facilities (WRSFs), a water management system that includes collection ponds, mined-out pits, water diversion channels, retention dikes/berms, and a series of water treatment plants. The general mine site layout plan is shown on Figure 2.

SECTION 3 • WATER MANAGEMENT CONTROLS AND STRUCTURES

There are three major sources of water at the Mine requiring management under the Mine water management system: freshwater pumped from Meliadine Lake, natural runoff from precipitation, and natural groundwater inflow to the Underground Mine. For the purpose of clarity and consistency, terminology and definitions are applied to these three main sources as follows below. These terms are applied throughout the remainder of the WMP.

- **Freshwater**: Water contained within natural water bodies (e.g., Meliadine Lake) which has not come into contact with the mine infrastructure.

- **Surface Contact Water**: Rain and snowmelt that has come into contact with the mine infrastructure and is collected within the collection ponds.

- **Saline Contact Water**: Saline groundwater which flows into the underground mine and comes into contact with the underground mine infrastructure.

A network of berms, dikes, collection ponds, mined-out pits, channels, culverts and sumps are in place and maintained to facilitate water management. Design Reports and As-Built Reports have been submitted and approved for the water management structures discussed in this section, as applicable. This section is included to summarize design and as-built information.

3.1 Water Management Systems

The water management systems, as shown in Figure 5, required to support the additional deposits in the Meliadine Mine Plan per the latest Water Licence Amendment, include the following components:

- Five water retention dikes including D-B5North, D-B5South, D-A8North, D-A8South, and D-A6;
- Ten water collection ponds (CP1, CP2.5, CP3, CP4, CP5, CP6, CP9, CPD1, CPD2 and SP6);
- Four mined-out pits for water storage (TIRI02, WES02, WES03 and PUMP02);
- Dewatered waterbodies to be managed (A8, A6, J6, B5, B6, and B59);
- Five water diversion channels including Channel 11, Channel 14, Channel 15, and Channel 17 to Channel 19;
- Two sumps including Sump F1, and Sump F2;
- Five thermal protection berms including Berm 4, Thermal Berm CP9, Berm-SP6 North and Berm-SP6-West, and Berm-F2;
- Culverts as required;
- An effluent water treatment plant (EWTP);
- A saline effluent treatment plant (SETP);
- A water treatment complex (WTC) building – housing the EWTP and SETP;
- A sewage treatment plant (STP);

- A potable water treatment plant (WTP);
- A network of surface pumps and pipelines;
- A freshwater intake;
- Three jetties and pumping infrastructure (located at CP1, CP5 and A8);
- An effluent diffuser located in Meliadine Lake; and
- An effluent diffuser located in Melvin Bay.

Surface contact water is intercepted, diverted and collected within various collection ponds/mined-out pit(s) prior to passive evaporation, treatment and/or discharge. Collection and routing of contact water is planned as follows:

- Surface contact water from CP2.5, CP3 and CP4 are pumped to culvert 3, just upstream of CP1, which convey the flow naturally to CP1.
- Water collected in CP5 is pumped to CP1.
- SP6 functions as an overflow storage pond for CP1, used as needed during high-flow conditions.
- The WES03 pit serves as an intermediate reservoir, storing water from CP2.5, CP3, CP4, CP5 and STP for eventual discharge to Itivia Harbour via the waterline or to CP1. WES03 discharge to Itivia Harbour will be prioritized over discharge to CP1 and Meliadine Lake.
- Surface contact water from the WRSF3 area is collected in CP2 and CP6, and then pumped to CP1.
- CP9 will be established using the PUMP01 pit to manage contact water from the Pump area. Water from CP9 will also be pumped to CP1.

Surface contact water collected in CP1 is treated for total suspended solids (TSS) at the EWTP-WTC and discharged through the diffuser located in Meliadine Lake (Section 3.10).

Saline contact water from the Underground Mine is collected in underground sumps, transported to a clarification system, and subsequently recirculated for use in various underground operations. Excess saline contact water is pumped to surface and management is planned as follows:

- Stored in Tiriganiaq Pit 2 (TIRI02) until it is unavailable.
- The PUMP02 pit will be used as a saline water sump once mining of the PUMP02 deposit is complete and will continue to capture saline runoff from the temporary Pump Underground WRSF.
- The WES02 pit will also be used as a saline water reservoir once mining of the WES02 deposit is complete.

Excess saline contact water stored on surface is treated at the Saline Effluent Treatment Plant (SETP). Further details are found in the Groundwater Management Plan.

During the mine closure, the water management infrastructure will remain in place until closure activities are completed and monitoring demonstrates that water quality is acceptable for discharge to the environment without treatment.

A list of the water management control structures already constructed at Meliadine Mine is presented in Table 1. Table 2 summarizes future water infrastructures proposed to support mining of all deposits included in the Mine Plan. Figure 5 shows the location of the respective structures over the development stages of the mine life. Final design details of these structures will also be provided to

the Regulators for approval at least 60 days prior to construction, as per the Water Licence.

Table 1: Constructed Water Management Control Structures

Mine Phase	Infrastructure Name	Construction Status
Pre-Production Construction	Channel 1	Constructed
	Channel 2	Constructed
	Channel 3	Constructed
	Channel 4	Constructed
	Channel 5	Constructed
	Channel 6	TBD
	Channel 7	Constructed
	Channel 8	Constructed
	Culvert 1	Constructed
	Culvert 2	Constructed
	Culvert 3	Constructed
	Culvert 4	Constructed
	Culvert 5	TBD
	Culvert 6	TBD
	Culvert 7	Constructed
	Culvert 8	Constructed
	Culvert 10	Constructed
	Culvert 11	Constructed
	Culvert 13	Constructed
	Culvert 14	TBD
	Culvert 15	Constructed
	Culvert 16	Constructed
	Culvert 18	Constructed
	Culvert 19	TBD
	Culvert 20	Constructed
	CP1	Constructed
	CP3	Constructed
	CP4	Constructed
	CP5	Constructed
	D-CP1	Constructed
	Berm CP3	Constructed
	Berm CP4	Constructed
	D-CP5	Constructed
	CP1 Jetty	Constructed
	CP5 Jetty	Constructed
	Saline Pond (SP1)	Constructed
	Berm 1	Constructed
	Berm 2	Constructed
	Berm 3	Constructed
	Freshwater Intake Causeway & Pump Station	Constructed
	Submerged Diffuser	Constructed
	WTP Intake	Constructed
Current Operations	CP6 and Berm CP6	Constructed
	Saline Pond 3 (SP3)	Constructed
	Saline Pond 4 (SP4)	Constructed
	CP2 and Berm CP2	Constructed
	Channel 9	Constructed
	Channel 10	Constructed
	Channel 2 Berm	Constructed
	Thermal Berm CP9	Constructed

Mine Phase	Infrastructure Name	Construction Status
	Berm-4	Constructed
	Channel 11	Constructed

Table 2: Water Management Control Structures to be Constructed

Water Management Infrastructure Type	Nomenclature	Location and Operational Function
Collection Ponds	CP2.5	Located south-west of the TSF, CP2.5 will be used to capture TSF runoff and interflow along the northwestern boundary
	CP9	Located within the footprint of the dewatered lake B36 and the Pump01 pit, CP9 will be used to contain contact water from the Pump area.
	CPD1	Located south of WRSF9, CPD1 will be used to contain contact water from the WRSF9 within Discovery area.
	CPD2	Located south-west of Disc01, CPD2 will be used to contain contact water from the Disc01 pit within Discovery area.
	SP6	Located within the footprint of the dewatered lake B7, SP6 will be used as an overflow storage pond for CP1, used as needed during high-flow conditions
Dikes	Dike D-B5North	Located north of WN01 open pit within dewatered Lake B5. D-B5North will be used to divert runoff from flowing into WN01 pit.
	Dike D-B5South	Located south of WN01 open pit within dewatered Lake B5. D-B5South will be used to collect runoff from B5 south catchment.
	Dike D-A8North	Located south of WES03 open pit. D-A8South will be used to divert runoff from flowing into WES03 open pit.
	Dike D-A8South	Located north of PUM02 and PUM04 open pits. D-A8South will be used to divert runoff from flowing into PUM02 and PUM04 open pits.
	Dike D-A6	Located southwest of FZO01 open pit. D-A6 will be used to divert contact water from Lake A6 from flowing into FZO01 open pit.
Berms	Thermal Berm SP6North	Located North of future collection pond SP6, Thermal Berm SP6 is designed to preserve the permafrost foundation within the SP6 Thermal Berm footprint and to limit in between Lake E3 and SP6.
	Thermal Berm SP6West	Located North of future collection pond SP6, Thermal Berm SP6 is designed to preserve the permafrost foundation within the SP6 Thermal Berm footprint and to limit in between Lake E3 and SP6.
	Thermal Berm F2	Located West of future WRSF7, Thermal Berm F2 is designed to preserve the permafrost foundation within the F2 Thermal Berm footprint.
Channels	Channels 14	Channel 14 to divert contact water from WRSF7 towards Sump F1.
	Channel 18	Channel 18 to divert contact water from industrial pad, and fuel pad at Discovery towards the downstream CPD2.
	Sump F1	Sump F1 to collect contact water from WRSF7 that has been diverted by Channel 14.

Water Management Infrastructure Type	Nomenclature	Location and Operational Function
Culverts	To be determined	Numerous culverts will be necessary for water conveyance through haul roads and access roads. Their exact location still needs to be confirmed based on the design of the road's overs the next years.

3.2 Water Management Structures Design Criteria

The water management systems meet the following criteria:

- Treated surface contact water quality will meet regulatory criteria of the Licence and MDMER (described in the Water Quality and Flow Monitoring Plan).
- Treated saline water quality will meet MDMER criteria (described in the Water Quality and Flow Monitoring Plan).
- Design capacity of the EWTP is sufficient to ensure that D-CP1 and CP1 are able to manage the surface contact water from the entire site for a 1:100 wet year spring freshet, or a 1:2 mean year spring freshet in combination with a 1:1000 return 24-hour extreme rainfall.
- D-CP5 and CP5 are able to manage the surface contact water from its catchment area for 3/7 of a 1:100 wet year spring freshet or a 1:1000 return 24-hour extreme rainfall. This design is based on an allowable 3-day delay in initiation of pumping during a 7-day, 1:100 year freshet. Design capacity of pumping from CP5 to CP1 is sufficient to ensure that remaining freshet inflows to CP5 are managed via pumping to CP1.
- Storage capacity of each of the other water management ponds (CP2, CP3, CP4, CP6) is able to manage the surface contact water from their respective catchment area for 3/7 of a 1:100 wet year spring freshet or a 1:1000 return 24-hour extreme rainfall.
- The daily pumping rate for each of the ponds (CP2, CP3, CP4, CP5, CP6) is designed to have sufficient pumping capacity to handle the runoff surface contact water, which would result from one day (24.4 mm) of a 1:100 return wet spring freshet plus a 1:2 return one-hour rainfall (9.8 mm).
- Storage capacity of water management infrastructure associated with the TSF extension, Pump, Wesmeg, F Zone, and Discovery mining areas are planned to allow for partial (3/7 days) or full (7/7 days) storage for the runoff volume from a 1:100 wet year, 7-day spring Freshet from each waterbody's catchment area. The requirement for partial storage follows a similar design philosophy of CP2, P3, CP4, and CP6 whereby, following 3 days of storage, water is actively pumped to a downstream collection pond for the remaining 4 days of a 7-day Freshet. The requirement for full storage follows a similar design philosophy of CP1 whereby the facility is able to store the entirety of the runoff from the lake's catchment area. Detailed information regarding the storage capacities of these facilities will be provided following the detailed design of each facility.
- Once WES03 is mined, excess volume (4/7 of a 100-years freshet) of partial storage ponds CP3, CP4, CP5 and CP2.5 will be pumped to WES03. WES03 is designed to have a full-storage capacity (7/7 days) for the runoff volume from a 1:100 wet year, 7-day spring Freshet from its catchment area and for each of the collection ponds reporting to this pit.

Channel 2 to Channel 4 are in place to pass an extreme intensity flow under a 5-minute 1:100 return rainfall of 9.2 mm. Channels 9 and 10 were designed to pass an extreme intensity flow under a 5-minute 1:100 return rainfall of 5.0 mm. Channel 1 and Channel 5 to Channel 8 are designed as internal

channels where any surface contact water overflowing the channels will remain within the catchment areas of various collection ponds. Hydraulic analyses indicated that very wide channels are required to pass an extreme intensity flow under a 5-minute 1:100 return rainfall of 9.2 mm. As a result, these channels were designed to have a reasonable bottom width to pass a flow with lesser intensity, but the surface contact water overflowing the channels can be safely managed by berms or temporarily stored in a lower basin nearby. For example, surface contact water overflowing Channel 5 can be contained by Berm 3. Water overflowing Channel 7 and Channel 8 can be stored in the lower basin in the drained Pond H13, and Berm 1 combined with a mass till backfill protects the Portal No.2 entrance from flooding. Furthermore, the MULTI-PLATE at Portal No. 2 is protected by compacted, engineered structural fill. Surface contact water overflowing Channel 1 will flow through the flat ground between the Stage 1 pad and Stage 2 pad of Ore Storage Pad 2 (OP2) into CP1. Table 3 presents the design parameters for CP1 and CP5. CP2, CP3, CP4 and CP6 were built through excavation of the original ground to increase water storage capacity and prevent water levels from reaching the thermal protection berms. The as-built parameters for CP2, CP3, CP4 and CP6 are provided in Table 4 and are discussed in further detail within Tetra Tech (2022), Agnico Eagle (2019c), Agnico Eagle (2019d), and Tetra Tech (2020a).

Table 3: As-Built Parameters for CP1 and CP5

Pond	CP1	CP5
Pond Volume at Maximum Operating Elevation under Normal Operating Conditions and Mean Precipitation Years (m^3)	742,075	46,674
Maximum Operating Water Elevation (m)	66.2	66.0
Maximum Water Elevation during IDF (m)	66.6	66.3
Estimated Pond Volume for Water Elevation at Maximum Operating Water Elevation during IDF (m^3)	855,245	70,000
Dike for Pond	D-CP1	D-CP5
As-Built Crest Elevation of Dike Collection Element (liner system) (m)	67.37	66.72

Table 4: As-Built Parameters for CP2, CP3, CP4, and CP6

Pond	CP2	CP3	CP4	CP6
Elevated Pond Bottom Elevation (m)	41.4	53.3	51.0	51.1
Estimated Maximum Water Elevation during IDF (m)	52.0	63.0	63.0	62.0
Pond Volume at Estimated Maximum Water Elevation during IDF (m^3)	48,160	44,848	48,995	67,799
Thermal Berm for Pond	Berm-CP2	Berm-CP3	Berm-CP4	Berm-CP6

3.3 Water Collection ponds

Six planned water collection ponds (CP1, CP2, CP3, CP4, CP5, and CP6) have been constructed to date as part of the water management infrastructure. CP2.5 and CP9 will be built in 2025 or over the winter of 2026 and will be in operation for the 2026 freshet. Although initially intended to serve as the primary saline water storage pond SP6 will now serve exclusively as a surge storage reservoir for surface contact water from CP1 during high-flow periods (see Section 3.6.2). The WES03 pit will act as an intermediate reservoir, receiving water from CP3, CP4, CP5 and CP2.5. Table 5 presents the locations and the required operational period of the collection ponds. The locations of the six water collection ponds are shown in Figure 2.

Table 5: Location of Collection Pond and Required Operation Periods

Collection Pond	Relative Location	Required Operation Period
CP1	Pond H17 and H6	Year 2017 to Mine closure
CP3	North of Lake B7 and southwest of TSF	2019 to 2026 (covered by TSF)
CP4	Southeast of Lake B7 and south of WRSF1	2019 to 2026 (covered by WRSF1)
CP5	North of Tiriganiaq Pit 2	2017 to Mine Closure
CP6	Pond H19 and north of WRSF3	Year 2020 to Mine closure
CP2	East of WRSF3	Year 2022 to Mine closure
CP9/Pump01	Within the Pump01 and Lake B36 footprint	Year 2026 to Mine closure
CP2.5	South-West of TSF	Year 2026 to Mine Closure

3.4 P-Area Ponds

The P-area formerly consisted of three storage ponds as part of the saline contact water management system from 2016 to 2018.

Backfilling of the P-Area cells (P1 and P2) began in Q3 of 2020 and finished in Q3 of 2021 using waste rock obtained form the underground mine and open pits to promote permafrost aggradation.

In 2024, cell P3 was decommissioned and backfilled to serve as a laydown and storage pad. Design of the P3 backfilling included a ditch surrounding the pad and a 1.3 m deep sump excavated into the overburden at the west extremity of the pad. The ditch can safely pass an extreme intensity flow under a 5-minute 1:100 return rainfall of 5.0 mm. Water levels within the sump are controlled by a level-indicator switch which provides a freeboard greater than 0.5 m below (66.8 m) the core elevation in the DP3-A berm (67.5 m) and the crest of the P3 laydown pad. Surface runoff to the sump is managed by pumping water over the DP3 containment structure into CP5. TDS monitoring in P3 over several years has demonstrated a sufficient degree of flushing has occurred such that the risk of salt contamination from the former presence of saline water in cell P3 is minimized and the

subsequent downstream impact on CP5 TDS is negligible.

Table 6 presents the design criteria of the P3 sump. Figure 3 presents the layout of P3 pad.

Table 6: P3 Sump Design Criteria

Design criteria	Sump P3
Sump drainage area	23,560 m^2
1:100 24h rainfall event	59.9 mm
Total inflow	1,270 m^3
Minimum freeboard during IDF	0.5 m
Maximum Design Water Elevation	66.8 m
Sump Bottom Elevation	64.6 m
Storage Capacity	894 m^3
Minimum Pumping Rate	20 m^3/h
Level-Indicator Switch Elevation	65.5 m

3.5 Contaminated Snow Cell

A contaminated snow cell is used to store snow containing hydrocarbons (i.e., snow on which spills occur). The contaminated snow cell was constructed in 2017 (Agnico Eagle, 2017a) and is currently in place as a contingency measure for contaminated snow storage over the winter (refer to the Freshet Management Plan). Upon snowmelt, water within the contaminated snow cell is transferred to the Landfarm for treatment at the oil-water separator (Section 3.9.5).

The snow cell is lined with a polyethylene liner to avoid seepage of melting snow into the surrounding environment. The cell is designed to contain a volume of 1500 m^3 of snow and to contain 930 m^3 of water at a water surface elevation of 69.5 m.

3.6 Saline Ponds

3.6.1 Existing Saline Ponds

Saline Pond 1 (SP1) was constructed in Q3 2016 to accommodate excess saline contact water from the Underground Mine. SP1 is located north of CP5 (Figure 2). Table 7 summarizes the Saline Pond capacity for storage and maximum designed operating water levels.

Saline Pond 2 (SP2) was constructed within the footprint of Tiriganiaq Pit 2 in Q2 2019 as a temporary saline contact water storage pond on site, accommodating excess saline contact water from the Underground Mine. In Q2 2020 SP2 was decommissioned to allow mining of Tiriganiaq Pit 2. Saline contact water stored in SP2 was emptied into Saline Pond 4 (SP4) which was commissioned in March of 2020.

Saline Pond 3 (SP3) was constructed within the footprint of P-Area Pond 3 (P3). Construction of SP3 was completed in Q2 2019. SP3 is part of the medium-term groundwater management strategy, that consists of treating groundwater from the Meliadine Underground with respect to quality standards and discharge the treated water effluent into Melvin Bay. SP3 is used to store the treated water exiting the former Saline Effluent Treatment Plant (SETP) (i.e., the SETP not within the WTC) before being discharged to sea.

Saline Pond 4 (SP4) was temporary in nature and allowed for the dewatering of SP2 to facilitate construction of Tiriganiaq Pit 2 while providing additional storage for saline contact water from the underground mine. SP4 was constructed in bedrock within the footprint of Tiriganiaq Pit 1 (Figure 4). SP4 was dewatered to Tiriganiaq Pit 2 in 2021 to facilitate mining beneath the facility and allow for mining to continue in Tiriganiaq Pit 1 in this area. In 2023, development of Tiriganiaq Pit 1 extended into SP4 and thus the pond no longer exists.

In Q3 2021, mining in Tiriganiaq Pit 2 was stopped and the pit was subsequently converted to a saline water storage facility. Tiriganiaq Pit 2 has a total saline water capacity of 1,616,554 m^3 and will be used to store the saline contact water pumped out of the underground mine. Further information on the saline contact water storage strategy is provided in the Groundwater Management Plan.

Groundwater from the underground mine is pumped to Tiriganiaq Pit 2 where it will remain in storage until it is treated for discharge to sea (see Section 3.11 or Groundwater Management Plan). Water stored in the saline ponds is isolated from the surface runoff collection system and will thus not be discharged to Meliadine Lake.

Table 7: Storage Capacities for Saline Pond 1 and Tiriganiaq Pit 2

Item	Saline Pond 1	Tiriganiaq Pit 2
Maximum Operational Water Elevation (m)	62.9	62.0
Maximum Water Capacity (m^3)	32,686*	1,616,554

* Tetra Tech (2017) maximum operating capacity, not including IDF storage

3.6.2 Saline Pond 6 (SP6) to be Constructed

Once Lake B7 is dewatered, it will become Saline Pond 6 (SP6). Although initially intended to serve as the primary saline water storage pond for underground mine water and saline contact water from saline ponds, this function has been reassigned to WES02 Pit. As a result, SP6 will now serve exclusively as a surge storage reservoir for surface contact water from CP1 during high-flow periods.

3.7 Water Storage in Mined-Out Pits

Mined-out pits at the Meliadine Mine play a critical role in the integrated water management strategy, serving as both temporary and long-term storage facilities for contact and saline water. These pits are repurposed to manage water volumes generated during operations, thereby reducing

the need for additional surface infrastructure.

- PUMP02 pits will be used as a saline water sump once mining of the deposit is complete and will capture saline runoff from the Pump Underground WRSF.
- WES02 will be used as the primary storage facility for excess saline contact water pumped from the underground mine, which will later be treated at the SETP before discharge to Itivia Harbour.
- WES03 functions as an intermediate reservoir for surface contact water collected from CP3, CP4, CP5, and CP2.5. Water stored in WES03 is designated to Itivia Harbour via the waterline.

3.8 Water Diversion Channels, Dikes and Berms

The following sections provides details on existing water management infrastructures currently required for mining the Tiriganiaq deposit. Water management infrastructures to be constructed to support the Mine Plan are summarized in Table 3. Details will be updated in the Water Management Plan as these structures progress into the detail design phase.

3.8.1 Water Diversion Channels

Nine water diversion channels (Channels 1 to 5, and 7 to 10) have been constructed and form part of the surface contact water management infrastructure. Construction of Channel 6 is tentative based on future water management strategies downstream of the P-area. Construction of Channels 9 and 10 was completed in Q2 2022. Channel 11 will be constructed in 2025 to collect and divert the runoff water from the proposed WRSF6 catchment area to CP9/Pump01 Pit. The as-built and design parameters for the water diversion channels are presented in Table 8.

Table 8: As-Built and Design Parameters for Channels

Channel	Approximate Total Length (m)	Bottom Width (m)	Side Slopes	Rip-rap Thickness (m)	Minimum Bottom Slope Gradient (%)	
1 (As-built)	528	3	3(H):1(V)**	0.3 to 0.5	0.2	
2 (As-built)	269.5	1.257	1.82(H):1(V)	0.277	0.30†	
3 (As-built)	656	1.2 to 2.4 or 0.8 to 3.3*	1.8(H):1.0(V) to 3.5(H):1.0(V)	0.3†	5.3 (upper)	0.4 (lower)
4 (As-built)	930	1.0 to 1.7 or 0.8 to 4.5*	1.8(H):1.0(V) to 5.0(H):1.0(V)	0.37	2.1 to 5.3 (upper)	0.1 to 4.2 (lower)
5 (As-built)	429†	2.3 to 2.9	1.9(H):1(V)	0.2	0.17†	
6	69	1	3(H):1(V)	0.3	0.44	
7 (As-built)	240	2	3(H):1(V)	0.59	0.8 (Avg.)	
8 (As-built)	114	2.4	3(H):1(V)	0.3	1.4 (Avg.)	
9 (As-built)	713	1.55 to 3.13 (avg 2.41)	1.6(H) to 2.5(H):1(V)	0.48	0.7	
10 (As-built)	200	2.03 to 3.27 (Avg 2.64)	1.7(H) to 2.7H:1(V)	0.34	1.5	
11 (Design)	870	2.0	2.5(H):1.0V	0.3	2.0 (Avg.)	

* 1 m bottom width for first 100 m upstream section, and 2 m bottom wide for the remaining channel section

** Except from Sta. 0+050 to 0+130: 2(H):1(V)

† As-built parameter values not available; value displayed is from design

3.8.2 Water Retention Dikes and Berms

In general terms, “dikes” were constructed with impervious liner systems and “berms” are constructed with entirely till cores. With the extension of the mine within the Pump area, Berm 4 will be used to divert runoff water from WRSF6 to Channel 11 and CP9, and to prevent contact water from flowing into the receiving environment.

Water retention dikes D-CP1 and D-CP5 have been designed as a zoned earth fill dams with a geomembrane liner keyed into the permafrost foundation to limit the seepage through the dike and its foundation. The characteristics of the dikes and berms required for the WMP are summarized in Table 9.

Table 9: As-Built and Design Parameters for Water Retention Dike/Berm

Dike/Berm	Approximate Maximum Height (m)	Maximum Elevation (m)	Maximum Head of Water Retained (m)
D-CP1	6.6	68.5	3.6
Berm-CP2	5.07	58.6	0
Berm-CP3	4.9	69.9	0
Berm-CP4	5.0	69.1	0
D-CP5	3.3	67.3	1.4
Berm-CP6	6.0	68.0	0
DP1-A	3.7	70.5	68.5
DP1-B	3.4	70.7	68.7
DP2-A	4.0	69.5	67.5
DP3-A	3.4	69.0	67
Berm1	2.6	69.0	0
Berm2	1.5	varies	0
Berm3	2.76	67.37	0
Channel 2 Berm	1.7	71.0	1.5
Berm 4	1.5	74.0	0

3.8.2.1 Thermal Monitoring

Horizontal Ground Temperature Cables (GTCs) are installed along the key trenches of D-CP1 and D-CP5 at a depth of approximately 3 m below the original ground level. These installations are in place to verify that the foundations remain frozen and dike integrity is not compromised. D-CP1 and D-CP5 also contain vertical GTCs installed to an approximate depth of 15 m below the crest of each dike. Thermal berms of CP2, CP3, CP4 and CP6 contain vertical GTCs installed to approximately 8 m below original ground elevation to monitor the thermal performance of the foundation materials. Thermal records collected from these sensors provide temporal analysis of vertical temperature profiles to assess whether the structures are performing as designed.

D-CP1 and D-CP5 readings are obtained, recorded, and assessed weekly during open water season and monthly after freeze-up. Data loggers are set to record temperatures in the dikes every 12-hours. Reading frequency at the thermal berms is generally monthly during the first year following construction and quarterly thereafter. The measured readings are analyzed by an Agnico Eagle geotechnical engineer and are reported in the annual geotechnical inspection report.

In addition to thermal monitoring, visual geotechnical inspections of water management structures are currently performed, as described in Section 3.12 below.

3.9 Freshwater Intake

Freshwater usage at the Mine includes potable uses, fire suppression, make-up water for the mill, and other operational requirements, such as drilling water, dust suppression, paste backfill production, and use at the washbay. The main freshwater intake is located northeast of the industrial pad in Meliadine Lake, depicted in Figure 5. The intakes consist of vertical filtration wells fitted with vertical turbine pumps that supply water on demand. Both intake pipes are fitted with a screen of an appropriate mesh size to ensure that fish will not be entrained and shall withdraw water at a rate such that fish do not become impinged on the screen (NWB, 2021).

3.10 Water Treatment

Contact water will be treated (if necessary) to meet Licence requirements prior to being discharged to the environment. TSS mitigation techniques (i.e., attenuation ponds, silt screens, etc.), oil separation treatment, the STP, the SETP, the RO Plant, and the EWTP are used accordingly at various locations at the Mine prior to water being transferred to collection ponds and/or prior to effluent discharge to Meliadine Lake or Melvin Bay. Water quality criteria are discussed in Section 6 and in the Water Quality and Flow Monitoring Plan.

3.10.1 Freshwater Treatment Plant (WTP)

Freshwater from Meliadine Lake is treated in the WTP before being directed to the camp areas for potable (domestic) water uses. The design flow rate for freshwater for the main camp and accommodations is 216 m^3/day. In the WTP, freshwater is pumped through cartridge filters, then pumped through ultraviolet units, and finally treated with sodium hypochlorite (chlorine). The treated water is stored within a potable water tank. Potable water is monitored according to the Nunavut Health Regulations for total and residual chlorine and microbiological parameters. Operation and maintenance details for the WTP can be reviewed in the Operational & Maintenance Manual – Water Treatment Plant (Agnico Eagle, 2020a).

3.10.2 Sewage Treatment Plant (STP)

Wastewater from the accommodation complex and from satellite sewage tanks will be treated in the STP using a membrane bioreactor process before being directed to CP1 and, when available, to the WES03 Pit. Operation and maintenance details for the STP can be reviewed in the Operational & Maintenance Manual – Sewage Treatment Plant (Agnico Eagle, 2021a). Sludge is pressed using a volute dewatering unit and stored in the active deposition zone WRSF1 or WRSF3 to ensure coverage with waste rock.

3.10.3 Saline Water Treatment Plant (SWTP)

In 2018, Agnico Eagle constructed and commissioned a Saline Water Treatment Plant (SWTP) consisting of two evaporator-crystallizers (SaltMakers) to treat saline contact water. The SWTP removes total suspended solids (TSS), calcium chloride ($CaCl_2$), sodium chloride (NaCl), metals,

phosphorous (P), and nitrogen compounds from the influent saline contact water. Further specifications of the SWTP can be found within the SWTP Design Report (Agnico Eagle 2018) and the SWTP As-Built Report (Agnico Eagle 2019a).

In March 2020, operation of the plant was suspended due to poor performance coupled with high energy consumption and plant safety concerns. The SWTP is not currently a component of the groundwater management strategy. More information regarding the groundwater management strategy can be found in the Groundwater Management Plan.

3.10.4 Water Treatment Complex (WTC)

The WTC is a building designed to house both the EWTP and SETP. The design rationale for the WTC is to address concerns with the stability of the concrete slab at the previous EWTP building location. Additionally, the WTC provides a centralized building for contact water treatment, allowing for improved operational synergy.

Construction of the WTC commenced in Q3 2020. Further information regarding the WTC can be found the As-Built Report (Agnico Eagle 2021b).

3.10.4.1 Effluent Water Treatment Plant (EWTP)

The installation of the EWTP within the WTC (EWTP-WTC) was completed in Q2 2021 to allow for discharge to Meliadine Lake during the open water season.

The purpose of the EWTP-WTC (Actiflo® model ACP-700R) is to reduce Total Suspended Solids (TSS) to a target maximum concentration of 15 mg/L from the influent surface contact water pumped from CP1 prior to its discharge through the diffuser into Meliadine Lake.

The EWTP is designed to meet the minimum required rate of 12,000 m^3/d per the design requirements of dike D-CP1 (Tetra Tech, 2016b). While EWTP equipment has an operational range up to 28,000 m^3/d, the current system is configured to operate a maximum discharge rate of 18,000 m^3/d to prevent over-pressuring in the HDPE line that conveys water from the EWTP to the diffuser.

Further information regarding EWTP-WTC operation can be found in the EWTP-WTC Operation and Maintenance Manual (Agnico Eagle 2021c).

Trigger limits for stopping discharge are in place at the EWTP-WTC as a component of TSS, TDS, and pH exceedance mitigation during periods of discharge. These trigger limits are derived from a regression analysis of TSS concentration as a function of turbidity, and TDS as a function of specific conductivity. The regressions are developed using MEL-14 grab sample laboratory measured specific conductivity and turbidity readings paired with corresponding TDS and TSS results. Rating curves are then applied to continuous *in situ* specific conductivity and turbidity readings taken from internal probes within the EWTP-WTC prior to discharge to approximate TDS and TSS, respectively. Trigger limits for pH also prevent the discharge of non-compliant effluent using internal probes measuring *in*

situ pH. When a trigger limit is reached, the EWTP-WTC stops discharge immediately and begins recirculating treated water to CP1.

Agnico Eagle will continue to gather calibration/confirmatory paired samples in the future to actively increase the number of data points and strengthen the turbidity-TSS and conductivity-TDS correlations.

3.10.4.2 Saline Effluent Treatment Plant (SETP)

Prior to discharge of saline effluent to Itivia Harbour (see Section 3.11 and Groundwater Management Plan), saline contact water is store on site (Section 3.6). Saline contact water as well as surface contact water is pumped to the SETP for ammonia nitrogen and total suspended solids treatment. Treated saline contact water will meet MDMER end-of-pipe discharge criteria. Initial treatment includes a clarification unit for TSS removal. Agnico Eagle is currently designing a treatment system for ammonia nitrogen to meet the MDMER, including acute toxicity testing on *A. tonsa*. This system will replace breakpoint chlorination for treatment of ammonia nitrogen levels, which are inferred to be the result of the use of explosives in the underground mine.

Commissioning of the TSS treatment component of the SETP within the WTC (SETP-WTC) is expected to take place in Q3 2026. Further information on the SETP-WTC design for the TSS treatment component can be found in Agnico Eagle (2021d). Operation of the SETP-WTC and subsequent discharge will occur following construction and commissioning of the waterline (more information can be found in the Groundwater Management Plan). Once mining of the deposit in WES02 is complete, all saline contact water will be collected in WES02 and routed to the SETP-WTC where it will be used to treated prior to discharge to Itivia Harbour. Final discharge point (FDP) samples will be analyzed at an accredited laboratory as per MDMER requirements, as discussed within the Water Quality and Flow Monitoring Management Plan.

3.10.4.3 Sludge management

Sludge produced as part of the TSS removal processes at the WTC is discharged into saline water storage. Since its commissioning in 2021, the EWTP-WTC has discharged approximately 50 m^3/day of sludge in Tiriganiaq pit 2 (when in operation), consistent with the expected value presented in its design report (Tetra Tech, 2022a). According to the SETP-WTC design report, this plant is expected to produce an additional 450 m^3/day of sludge (when in operation). The sludge produced by the TSS removal area of the SETP-WTC will have similar characteristic to the sludge produced at the EWTP-WTC, considering the processes are the same.

The WTC sludge is sampled monthly for deleterious substances found in Table 1of Schedule 4 of the MDMER, to determine potential impact on the receiving saline ponds. Saline ponds are also sampled periodically for the same parameters.

Since 2021, available data suggests that none of the deleterious substances found in Table 1of Schedule 4 of the MDMER have increased in concentration in Tiriganiaq pit 2, except for Total Suspended Solids (TSS) and ammonia nitrogen. The loading of ammonia nitrogen in saline contact water is a known phenomenon at Meliadine, attributed to the dissolution of undetonated explosives from the underground mine. The increase of TSS in Tiriganiaq Pit 2 may in part be a consequence of discharging WTC sludge in saline water storage but is not deemed problematic. All saline water will be treated by the SETP-WTC for TSS removal prior to discharge to the Itivia Harbour.

3.10.5 Oil Separators

An oil-water separator is installed at the Landfarm. The oil-water separator located at the Landfarm is used to treat both direct precipitation to the Landfarm footprint and melt from snow containing hydrocarbons (i.e., snow on which spills occur) that is stored either in the Landfarm or the contaminated snow cell over winter (Section 3.4). Treated water is analyzed for benzene, toluene, ethylbenzene and xylene (BTEX), lead, and oil and grease prior to discharge to CP1 or used on the windrows to increase moisture content, as required. Hydrocarbons removed from water are stored and managed as hazmat.

A second oil water separator is applied to treat water from the maintenance shop wash bay, in which mining equipment from both surface and underground operations undergo cleaning (Section 4.1.6). Treated water is analyzed for BTEX, lead, and oil and grease prior to discharge to CP1 or saline ponds depending on *in situ* specific conductivity applied to approximate TDS concentrations. Hydrocarbons removed from water are stored and managed as hazmat.

3.10.6 Reverse Osmosis Plant (RO)

A reverse osmosis (RO) treatment plant is used to treat marginally saline runoff water captured by site water management infrastructure that would otherwise be directed to saline water storage. The application of the RO through these means is intended to reduce storage requirements of saline water on site until the Waterline is operational. Permeate water produced by the RO – treated water of low salinity that passes through the semi-permeable membranes – is directed to CP1. Brine water – high salinity water rejected by the semi-permeable membranes – is directed to saline storage.

Efficacy of treatment is generally dependent on the quality and homogeneity of water being treated. As TDS of influent water increases, pressure against the semi-permeable membranes increases, resulting in a lower recovery of treated permeate and a greater volume of rejected brine. However, the treatment flow rate can be lowered to reduce pressure and improve permeate recovery in feed water with a high concentration of TDS. Other water quality constituents such as the concentrations

of TSS, organic content, and certain minerals in the feed water may also negatively affect performance of the RO. As size exclusion is the mechanism driving treatment, the concentration of TDS in the permeate generally remains below 1000 mg/L (average for 2022 was 447 mg/L), but can be influenced by feed water quality and treatment rates. Consequently, the TDS concentration in the brine by-product is primarily the difference in mass of feed water solutes and mass of permeate water solutes per unit of brine volume. Additionally, more stable quality conditions or homogeneity of the water source used to feed the RO allows a better adjustment of the treatment settings and thus an optimization of the recovery rate.

The treatment rate of the RO is primarily limited by the actual capacity and size of the plant, in addition to the influence of previously mentioned water quality factors. A rate of approximately 2000 m^3/day has been achieved with a recovery of 80% (i.e. 1600 m^3/d and 400 m^3/d of permeate and brine produced, respectively) where influent TDS was approximately 3500 mg/L. Depending on the objective of treatment (e.g. volume targets versus quality targets) a lower recovery rate may be used to ensure brine quality discharged to saline storage meets a desired TDS criteria, resulting in the allowance of feed water with much higher TDS while still treating water at an appreciable flow rate. For example, feed water with a TDS concentration of approximately 12,000 mg/L has been treated at a rate of approximately 1500 m^3/d with a permeate recovery rate of 53%.

In addition to the treatment of marginally saline runoff, the plant may also be used to treat stratified layers of low salinity water in the saline ponds. The cause of low salinity water in the saline ponds is assumed to be driven by the downward exclusion of TDS during ice formation in addition to poorly mixed runoff inflows. This results in a relatively homogeneous stratified layer of water with a lower concentration of TDS overlaying more saline water in storage. Removing the marginally saline water from saline storage increases storage capacity for saline contact water from the underground mine.

3.11 Meliadine Lake Discharge Diffuser

The discharge diffuser is the final surface contact water effluent discharge location for the Mine. The overall purpose of the diffuser is to discharge water from CP1 (at sampling station MEL-14) to Meliadine Lake while providing minimal environmental impacts to the Lake. The effluent mixing will be dependent on ambient currents in Meliadine Lake, driven by wind during the open water period. The diffuser modelling was initially conducted by Golder Associates Ltd. (Golder, 2015) and updated design progress was reported by Tetra Tech EBA (Tetra Tech EBA, 2016). Further updates to the diffuser model were completed by Tetra Tech in support of the Water Licence Amendment (Tetra Tech, 2020).

3.12 Saline Water Discharge to Sea

Currently due to sufficient forecasted storage capacity until 2027, saline water on site is managed through storage and treatment of marginally saline water. The suspension of continuous hauling operation followed the approval of the waterline to discharge to sea (section 3.3.3) under the

Amendment 002 of the NIRB Project Certificate No. 006 issued on March 2nd. Once in operation, the waterline will be used in combination with the SETP-WTC to discharge treated saline water to Melvin Bay. Detailed information regarding treatment and discharge criteria are provided in the Groundwater Management Plan.

3.13 Water Management Structure Monitoring

Pursuant to Part E, Item 18 of the Licence, Agnico Eagle will carry out weekly inspections of all Water management structures during periods of flow and monthly thereafter. The records will be maintained for review upon request of an Inspector. More frequent inspections may be required at the request of an Inspector. Inspections will focus on structures and conditions detailed in Sections 3.13.1 to 3.12.5 to follow.

3.12.1 Culvert and Water Crossing Inspections

Culverts listed in Section 3.1, as well as culverts and water crossings along the All Weather Access Road (AWAR), Bypass Road, and at the Itivia site will be inspected for the following conditions. These inspections also satisfy the monitoring procedures outlined in the Sediment and Erosion Management Plan:

- Damage to the inlet or outlet of the culvert which may impede flow capacity;
- Bed erosion upstream and downstream of watercourse crossing structures;
- Scour under bridge abutments and abutment foundations;
- Erosion along cutslopes and fillslopes of embankments (rill and gully erosion);
- Blockages within the culvert including snow, ice, debris; and
- Snow cover or snow piles which would prevent routing of water towards the inlet of the culvert (only applicable prior to freshet).

In the case that any of the above conditions are observed, corrective actions will be taken to optimize culvert/water crossing function and integrity.

3.12.2 Collection Pond Inspections

Water collection ponds discussed in Section 3.3 and P3 pond discussed in Section 3.4 will be inspected for the following conditions:

- Laboratory water quality results as a trigger to implement mitigation actions;
- Unplanned inputs via surface runoff which are not part of the water management system; and

- Water level elevation above the operating manual maximum.

In the case that any of the above conditions are observed, corrective actions will be taken to prevent unaccounted for losses of available water capacity or potential compromise to dike integrity.

3.12.3 Dike and Thermal Berm Inspections

Dikes and thermal berms discussed in Section 3.6.2 are inspected to track natural (expected) movement of the structure. Pertaining to dikes, a "master" sketch of all the issues that were documented in the past is maintained as a means to spot any changes/new issues. Inspections focus on the upstream slope, the crest, the downstream slope, and downstream toe and observations include the following:

- New areas of movement/deterioration not previously documented;
- Changes to previously documented areas of movement/deterioration;
- Seepage through the downstream slope;
- Water presence in downstream channel/sump; and
- Areas of movement/deterioration of downstream channel/sump (where present).

Any issues or potential problems identified will be addressed accordingly by the Geotechnical Engineer in order to mitigate risks and maintain dike integrity.

3.12.4 Water Diversion Channel and Berm Inspections

In addition to the water management structures requiring inspections under the Water Licence, Agnico Eagle will carry out inspections of channels on site listed for the following conditions:

- Obstructions to flow (ice, debris);
- Inflows not part of the water management system;
- Structural failure of channel banks;
- Seepage through water diversion berms resulting in water movement to areas not planned within the water management system; and
- Erosion of diversion berms (i.e., undercutting, slope failure).

In the case that any of the above conditions are observed, corrective actions as directed by the Geotechnical Engineer will be taken if there is potential for compromise effectiveness of the

channel function or potential for unplanned impact to water quality or quantity in associated collection ponds.

SECTION 4 • WATER MANAGEMENT STRATEGY

A brief summary of the water management strategy during the operation of the Mine is presented as follows:

- Surface contact water from key mine infrastructure is diverted and/or collected in collection ponds (CP1, CP2, CP2.5, CP3, CP4, CP5, CP6, CP9, SP6 and the Saline Ponds).
- The collected surface contact water is pumped to CP1 and/or WES03 pit; water collected in CP1 may be reused for operational purposes and/or treated by the EWTP-WTC prior to discharge via the diffuser into Meliadine Lake whereas, WES03 pit functions as an intermediate reservoir, ultimately conveying water to Itivia Harbour via the waterline.
- SP6 has been designated as an overflow storage pond for CP1 during high-flow events.
- Surface contact water in Tiriganiaq Pit 1 and PUMP02 Pit will be collected in a sump and, depending on salinity, pumped to a collection pond or to a saline pond.
- Saline contact water from the Underground Mine (i.e., saline groundwater) will be contained in underground sumps and the water storage stope and reused for mining operations. Excess saline contact water volumes will be stored in Tiriganiaq Pit, PUMP02 Pit and WES02 pit until the waterline is commissioned and saline water can be treated for discharge to Itivia Harbour.
- CP9 constructed within the footprint of PUMP01 will be used to capture the runoff from the PUMP area including WRSF6, future Pits from the PUMP area (i.e. PUMP04 and PUMP02 prior being used for excess saline storage) will also be pumped to PUMP01 prior to transfer to CP1.

Details regarding the collection facilities for new project areas will be described in future updates of the Water Management Plans as the mine plan advances. Water management during closure is detailed in Section 7.

The Meliadine Mine Freshet Management Plan includes the Freshet Action Procedure and the Snow Management Procedure for the Mine. Table 10 and Table 11 summarizes the overall contact water management plan for the existing and future key infrastructure respectively, with initial water collection locations and final water destinations. The plans for water management at key areas are described in the subsequent sections.

Table 10: Existing Water Management Infrastructures

Contact Water Source	Initial Contact Water Collection Location	Final Contact Water Collection Location
Industrial Site Pad Area (camp/process plant area)	CP1	CP1
WRSF1 Area	CP1, CP4 and CP5	
WRSF3 Area	CP2 and CP6	
Dry Stack TSF Area	CP1 and CP3	
Ore Storage Pad 2 (OP2)	CP1	
Landfill	CP1	
Landfarm (biopile)	Sump within Landfarm	To CP1 after oil separation
Maintenance Wash Bay	Retention Tank	CP1 or surface saline storage (based on effluent salinity) after oil separation
Tiriganiaq Pit 1	Open pit sumps	Salinity based - CP4, CP5, SP1, or Tiriganiaq Pit 2.
Tiriganiaq underground	Sumps in underground mine	Sumps in underground mine, Tiriganiaq Pit 2, then discharged to sea

Table 11: Water Management Infrastructures to be Constructed

Pond/ Treatment	Source Water	Receives Water From	Routes Water To
CP1	Contact Water	PUMP01/CP9 WES01 WES04 WEN01 B5 North B5 South FZONE02 A8 A6 SP6	discharges (in order of priority) to Itivia Harbour via Waterline, then Meliadine Lake via EWTP
A8	Contact Water	A8	CP1
A6	Contact Water	A6	CP1
TIR03	Contact Water	TIR03	CP5
PUMP01/CP9	Contact Water	PUMP03 PUMP04 WRSF6	CP1
PUMP02	Saline Water	PUMP UG Pump Saline WRSF	TIRI02 (if available) or SP1
WES01	Contact Water	WES01	CP1
WES02	Saline Water	TIRI02 SP1	WES02 (after treatment), which discharges to Itivia Harbour via Waterline
WES03	Contact Water	CP3 CP4 CP5 CP2.5	discharges (in order of priority) to Itivia Harbour via Waterline, then Meliadine Lake via EWTP
WES04	Contact Water	WES04	CP1
WEN01	Contact Water	WEN01	CP1
SP6	Contact Water	CP1 (Contingency storage for CP1)	discharges (in order of priority) to Itivia Harbour via Waterline, then Meliadine Lake via EWTP
B5 North	Contact Water	B6	CP1
B5 South	Contact Water	B34 WRSF5	CP1
FZONE02	Contact Water	FZONE01 FZONE02 FZONE03 SUMPF1 SUMPF2	CP1
SUMPF1	Contact Water	WRSF7	FZONE02
SUMPF2	Contact Water	WRSF7	FZONE02
CPD2	Contact Water	CPD1 Laydown Area (Discovery) Facilities Area (Discovery)	WES02
CPD1	Contact Water	WRSF9	CPD2

4.1 Key Water Management Activities

Current activities and planned construction schedule for water management infrastructures required for the WMP to support the Mine Plan are summarized in Table 12. Water management activities during closure are described in Section 7.

Table 12: Completed and Planned Key Water Management Activities

Mine Year	Major Water Management Activities and Sequence
Pre-Construction (2015)	• Started to re-use saline contact water • Dewatered top 0.5 to 1.0 m of fresh water in Pond H17 • Constructed Channel 2
Pre-Construction (2016)	• Dewatered H17 into Meliadine Lake • Started construction of D-CP1 to impound CP1 • Started construction of D-CP5 to impound CP5 • Dewatered Pond A54 in Q3 of Year -4 and pumped the water to CP1 • Constructed Saline Pond 1 (SP1) for additional saline contact water storage • Constructed and operated P-Area Containment Ponds • Started to store the excess saline contact water from the underground mine at surface • Implemented and tested evaporators at P-Area to reduce saline contact water volumes stored at surface • Constructed trenches down gradient from DP1-B and DP3-A to be able to pump collected water and pump back to P1 and P3, respectively • Constructed Channel 5 • Installed Culverts 3 and 4
Pre-Construction (2017)	• Completed construction of D-CP1, jetty and Pumping station CP1 • Completed construction of D-CP5, jetty and Pumping station CP5 • Started construction Channel 1 • Constructed Berm 3 • Constructed freshwater intake in Meliadine Lake and installed pumping station • Constructed Lv75 water stope for additional underground saline contact water storage • Installed Culvert 13 • Started to treat sewage from Sewage Treatment Plant (STP) and pump the treated sewage from STP to CP1 • Started to pump the surface contact water from CP5 to CP1 for treatment (solids removal) • Started to pump water collected in trenches, down gradient from D-CP1, D-CP5, DP1 and DP3 to the associated containment pond • Started to pump the water from the Type A Landfarm to CP1 after oil/water separator treatment • Started to pump water from washbay to underground for storage until a biological treatment unit for hydrocarbon reduction/removal arrives at the site
Pre- Construction (2018)	• Completed construction of Channel 1 • Started construction Channel 3, Berm-CP3 and Pond CP3 • Installed Culverts 1, 2, 15 and 16 • Constructed Berm 2 • Started to pump the surface contact water from CP1 to EWTP for treatment prior to discharge via the diffuser to Meliadine Lake • Pumped the solids sludge from EWTP to CP1. To limit recirculation of the sludge within CP1, the discharge of the sludge was located away from the EWTP intake • Started diversion of surface contact water from industrial pad to CP1 via Channel 1 • Constructed and commissioned (in Q4) SWTP to discharge to CP1.

Mine Year	Major Water Management Activities and Sequence
Pre- Construction (2019)	• Constructed Saline Pond 2 within footprint of Tiriganiaq Pit 2 and began storing excess saline contact water • Installed culverts 7, 8, 10, 11 and 20 • Constructed Channels 7 and 8 and Berm 1 • Completed construction of Channel 3, Berm-CP3 and Pond CP3 and started to collect surface contact water • Constructed Channel 4, Pond CP4 and Berm-CP4 and started to collect surface contact water • Started to pump the surface contact water in Ponds CP3 and CP4 to the partially drained Pond H13 where the water flows through Channel 1 into CP1 • Constructed, commissioned, and started discharge of saline water through the discharge to sea diffuser system • Partially dewatered Ponds H19 and H20 in Q3 of Year -1 by pumping water to the EWTP for discharge to Meliadine Lake • Started construction of Saline Pond 4 (SP4) within footprint of Tiriganiaq Pit 1
2020	• Completed construction of SP4 • Constructed Pond CP6 and Berm-CP6 • Transferred SP2 into SP4 • Decommissioning of evaporators • Started to pump surface contact water in CP6 to CP1 • Started to pump surface contact water collected in Tiriganiaq Pit 2 to CP5 • Started decommissioning of P1 and P2 (P-Area) by backfilling with waste rock • Decommissioning of SWTP
2021	• Start to pump surface contact water collected in Tiriganiaq Pit 1 to Tiriganiaq Pit 2 • Construct and commission EWTP within WTC (EWTP-WTC) • Complete conversion of Tiriganiaq Pit 2 to saline contact water storage facility • Dewater SP4 and SP1 into Tiriganiaq Pit 2 • Start pumping excess saline contact water from underground mine to Tiriganiaq Pit 2 • Finish decommissioning P1 and P2 (P-Area) by backfilling with waste rock • Pump EWTP and SETP sludge to saline contact water storage
2022	• Constructed Pond CP2 and Berm CP2 • Constructed Channels 9 and 10 • Store marginally saline water into SP1 • Pump water from Tiriganiaq Pit 1 to CPs, SP1, or Tiriganiaq Pit 2 • Operation of the RO plant for treatment of marginally saline water on site • Continued pumping saline contact water from underground mine to Tiriganiaq Pit 2 • SETP upgrade installation at the WTC • Constructed Pond CP2 and Berm CP2 • Constructed Channels 9 and 10 • Store marginally saline water into SP1 • Pump water from Tiriganiaq Pit 1 to CPs, SP1, or Tiriganiaq Pit 2 • Operation of the RO plant for treatment of marginally saline water on site • Continued pumping saline contact water from underground mine to Tiriganiaq Pit 2 • SETP upgrade installation at the WTC

Mine Year	Major Water Management Activities and Sequence
2023	• Water management plan similar to Year 3 • Channel 3 remediation work completed • Channel 2 outlet berm constructed • Waterline construction (AWAR KM 15 to 30)
2024	• Water management plan similar to Year 3 • Waterline construction (continued, AWAR KM6 to 15) • Dewatering of B36 • Fish out of B36, B37, B38, B60, B61, and B62
2025 (Planned Schedule)	• Continued waterline construction • Anticipated commissioning of the SETP-WTC • Construction of Channel 11, CP9 Thermal Berm, Berm 4 • Creation of CP9 within the footprint of PUMP01 pit • Dewatering of B38, A8, J6, J7, A35, A37 • Channel 1, 7 and 8 remediation work • Culverts installation/replacement
2026 (Planned schedule)	• Anticipated Waterline commissioning • SETP-WTC discharge through waterline • Construction of CP2.5 and channel on the west margin of TSF • Dewatering of A6 and other FZone lakes • Culverts – as required
2027 (Planned schedule)	• SETP-WTC discharge through waterline • Construction of Dikes D-A6 • Dewatering of B7 and B6 • Construction of Sump F1 • Construction of Channel 14 • Dewatering oand B5 • Culverts – as required
2028 (Planned schedule)	• SETP-WTC discharge through waterline • Culverts – as required
2029 (Planned schedule)	• SETP-WTC discharge through waterline • Construction of CPD1 and CPD2 • Construction of Channels 17, 18 and 19 • Culverts – as required
2030+ (Planned schedule)	• SETP-WTC discharge through waterline • Start to fill the mined-out Tiriganiaq Pits 1 and 2 with active freshwater pumping from Meliadine Lake • Stop pumping excess saline contact water from underground when underground mine is completed • Start natural flooding of Tiriganiaq Underground mine with groundwater seepage • Stop pumping water to process plant when the processing is completed

4.1.1 Pond Dewatering and Displacement

The initial dewatering at Lake H17 and Lake A54 was conducted in 2016 prior to constructing CP1 and CP5, respectively. The water from these ponds was pumped to Meliadine Lake through a temporarily installed diffuser.

Preparation for construction of CP4 facility required dewatering of the two shallow ponds B8 and B9 into CP1. Preparation for CP3 did not require dewatering as B28 contained insufficient volumes to dewater.

In Q3 2019, partial dewatering of Ponds H19 and H20 to the EWTP took place, following the advanced timeline for the construction of CP6 and WRSF3. Specifically, H19 was partially dewatered to facilitate construction of Berm CP6, while H20 was partially dewatered to allow the placement of waste rock and overburden within the drained lake basin. Detailed information regarding the CP6 design and subsurface thermal analysis can be found in the CP6 and Berm Design Report (Tetra Tech, 2020).

In Q3 2022, lakes and ponds A9, A38, A40, B33, and B33A were dewatered to allow for the continued mining within the final footprint of Tiriganiaq Pit 1, as authorized by DFO in a letter on April 20, 2022 (file 21-HCAA-02733). Water was pumped into the site water management collection ponds before being treated by the EWTP and discharged to Meliadine Lake. The final dewatering report was provided by Agnico Eagle to KivIA and DFO on October 21st, 2022.

In Q3 2024, dewatering of lake B36 and partial dewatering of lakes and ponds B37, B38, B60, B61 and B62 to the EWTP took place to allow mining within the Pump area. Dewatering and fish-out authorizations were granted by DFO (file 24-HCAA-00842). The final dewatering report was provided by Agnico Eagle to DFO on December 12th, 2024.

As presented in Table 12, other waterbodies are planned to be dewatered to allow the construction of water management infrastructure and other developments of the mine plan. A total of 25 waterbodies were identified for potential dewatering under the 2024 Water Licence Amendment application. However, most of the volume of water planned to be dewatered is related to 6 lakes: A52, A6, A8, B4, B5 and B7. Table 13 summarizes the waterbodies dimensions and estimated dewatering timelines and volumes.

Dewatering of waterbodies may expose shoals composed of unconsolidated sediments, which may lead to local sedimentation within the impounded water. The introduction of sediments (TSS) into the water column will depend on the type of material exposed, material properties, slope gradient, prevailing weather conditions, dewatering timing and rate at which the waterbody is drawn down.

The quality of water pumped from each waterbody will be monitored daily to verify that it is acceptable for release to the receiving environment according to the Part D, Item 12 of the amended Water Licence (see Water Quality and Flow Monitoring Plan, section 3.1.2). Non-compliant water will be pumped to CP1 for TSS removal at the EWTP-WTC before discharge to the receiving environment (see section 3.9.4.1 and 3.9.4.4 for more details on treatment and sludge disposal). The FEIS (Golder,

2014b) estimated that at base case for the site conditions, 60% of the total dewatered water would be suitable to direct discharge to the receiving environment. However, based on the uncertainties in TSS generation during dewatering, a more conservative estimate of 50% of the planned dewatering volume is assumed to require TSS treatment at the EWTP-WTC prior to discharge.

Table 3 describes the water management infrastructure that will be built within the footprint of the dewatered waterbodies and Table 13 presents the planned water management strategy for dewatered waterbodies; the annual report will capture updates on completed dewatering.

Among all planned dewatered waterbodies, only five (i.e., A8, A6, B5, J6, B34) will need to be included in the water management system and pumped to manage their water level. All other dewatered waterbodies that are not overlapped by infrastructure will naturally drain toward one of the aforementioned lakes. Dewatered waterbodies will be operated (pumped) to ensure sufficient storage for extreme events. Level in managed dewatered waterbodies will be lowered to ensure sufficient storage at freshet for extreme events without having to rely on pumping to CP1 to store the event water volume. Operating levels will be determined and dewatering of the waterbodies will be completed to allow partial (3:7) or full (7:7) storage of the drainage volume from a 1:100 wet year spring freshet.

Table 13: Planned Lakes and Ponds Dewatering Schedule Inventory

Pond/Lakes	Maximum Water Depth (m)	Average Water Depth (m)	Existing Pond Surface Area (m^2)	Total Lake Volume (m^3)	Planned Proportion of Lake Volume Dewatered (%)	Estimated Total Volume of Water Dewatered (m^3)	50% of Volume of Water Dewatered (m^3)
A19*	0.7	0.1	8,143	457	100%	457	228
A30*	1.2	0.2	22,523	1,288	20%	258	129
A31*	2.4	0.4	16,734	9,657	20%	1,931	966
A33*	0.3	0.1	7,814	310	20%	62	31
A34*	0.2	0.1	2,374	97	20%	19	10
A35*	0.1	0.0	2,282	17	100%	17	9
A37*	0.3	0.1	7,921	180	100%	180	90
A44*	0.3	0.1	7,022	225	20%	45	22
A45*	0.3	0.1	14,939	453	20%	91	45
A49*	0.6	0.2	4,673	438	20%	88	44
A5*	0.9	0.2	18,299	704	100%	704	352
A50*	0.1	0.1	400	17	100%	17	8
A51*	0.3	0.1	3,749	112	100%	112	56
A52*	8.8	1.8	68,430	124,774	100%	124,774	62,387
A53*	0.3	0.1	324	11	100%	11	5
A6	4.4	1.5	537,847	780,527	100%	780,527	390,263
A7	1.3	0.5	20,969	5,058	20%	1,012	506
A8	4.1	1.6	885,245	1,239,371	100%	1,239,371	619,685
B34*	4.7	0.6	38,844	21,773	20%	4,355	2,177
B4	2.3	0.9	844,131	263,900	100%	263,900	131,950
B5	3.4	1.5	553,802	473,085	100%	473,085	236,543
B6	3.7	1.4	113,203	138,994	20%	27,799	13,899
B7	5.1	1.5	563,478	666,073	100%	666,073	333,037
J6*	1.8	0.4	15,675	2025	1,871	100%	1,871

Waterbodies with no bathymetric data available, volumes are estimated from an extrapolation of the surrounding lake topography (Messager et al., 2016)

4.1.2 Underground Water Management

The underground water management system is designed to prevent water from affecting the workings or production. The system contains a series of sumps (generally one at the access of each level) designed to capture groundwater inflows and runoff from mining operations (i.e., drilling), a clarification system, and a pumping system to redistribute the clarified saline contact water. Excess saline contact water is pumped to surface for management. Further details on the underground water management system are provided in the Groundwater Management Plan.

Beginning December 2018, the SWTP began treating groundwater to reduce stored saline contact water on site (See Section 3 for details). Furthermore, as part of the strategy to manage excess groundwater infiltration within the underground portion of the mine, Agnico Eagle received approval for marine discharge of saline water with the amended Project Certificate on February 26, 2019 (See Section 3.11 and Groundwater Management Plan for details). A new amendment (Amendment 002 of the NIRB Project Certificate No. 006) was received March 2nd, 2022, allowing the discharge of treated saline water through a waterline.

4.1.3 Water Management for Haul Road

A network of roads provide access to infrastructure at the Mine. The majority of the roadways servicing the mining area are located so that drainage is directed by berms, channels and culverts towards CP1, CP2, CP3, CP4, CP5, and CP6. Detailed information about water management on roads is described in the Meliadine Mine Roads Management Plan.

4.1.4 Water Management for Landfarm and Landfill

Any water that accumulates at the onsite Landfarm is pumped through an oil-water separator prior to discharge into CP1. Additional details for Landfarm water management are described in the Landfarm Management Plan.

Leachate from the Landfill is anticipated to be non-hazardous and non-toxic due to the controls put in place on the materials accepted for deposition in the Landfill. Annual Landfill operations involve clearing of snow prior to spring melt. In the event there is leachate from the Landfill due to periods of heavy rainfall or spring freshet, the runoff will be collected, controlled and treated, if necessary, and sent to CP1, as per the Landfill Management Plan.

Internal runoff and drainage from the Landfill will gradually seep through the northeast perimeter berm towards pond H13. As per the Technical Memorandum for the Operation Landfill (Stage 4) Berm Raise Summary (Agnico Eagle, 2024c), the Operation Landfill (Stage 4) utilizes a pumping system to facilitate the removal of water ponded against the perimeter berm if the rate of seepage is insufficient for water removal. Water pumped from the Landfill is directed to Pond H13, which is the current location seepage from the Landfill flows towards. H13 is immediately upstream of Culvert 2, which is upstream of Channel 1 and ultimately CP1. Water collected in CP1 is treated at the EWTP-WTC prior to being discharged to Meliadine Lake.

Monitoring of seepage from the Landfill (between the Landfill and Pond H13) or water pumped from the Landfill and directed to Pond H13 is conducted as per the Water Licence at compliance monitoring station MEL-24.

4.1.5 Water Management for Emulsion Plant Area

Freshwater is trucked to the emulsion plant and used for manufacturing emulsion as well as for washing vehicles. Water within the emulsion plant is re-used when feasible, and excess water is collected and disposed of on site (i.e., STP) or stored and shipped south as hazmat.

4.1.6 Water Management for the Wash Bay

Water used in the Wash Bay is re-used when feasible and excess water is treated with an oil-water separator to reduce or remove hydrocarbons. Treated water is moved to CP1 or the surface saline ponds, depending on *in situ* specific conductivity applied to approximate TDS concentration. Solid waste from the treatment process is removed and disposed of appropriately (Landfarm, hazmat, or underground).

4.2 Freshwater and Sewage Management

Additional freshwater usage and sewage management is described in the following sections.

4.2.1 Freshwater Management

Major freshwater usages on site include potable use, fire suppression, make-up water for the mill, and other operational needs, such as drilling and paste production for backfill. Freshwater is sourced from Meliadine Lake through a freshwater intake and pump system. For dust suppression, water is sourced from the freshwater intake system, ponded water located along the AWAR, or small ponds proximal to the road. Surface contact water from collection ponds may be used for dust suppression on areas that are within the site surface contact water system catchment.

Freshwater is pumped through an overland pipeline to potable water storage tanks and a fire water suppression tank. Under the Amended Licence, 1,100,296 m^3/year of freshwater is permitted during operation phase. Additionally, 8,676,481 m^3 of freshwater is permitted per year to fill the mined-out open pits during the mine closure. These quantities are inclusive of water needs for dust suppression.

The maximum design flow rate for the potable water for the main camp and accommodations (kitchen, laundry) is 216 m^3 per day. There is an onsite Potable Water Treatment System (Section 3.9.1). Treated potable water is piped to areas in the service complex and other facilities requiring potable water. Table 15 provides the updated freshwater consumption needs during the mine Operation phase in comparison to needs assessed for the 2014 FEIS and for the 2021 Water Licence.

Table 14: Freshwater Consumption for Meliadine Mine

Items	2014 FEIS		Amended Water Licence (2021)	Amended Water Licence (2024)
	provided in m^3/h	converted to m^3/yr	m^3/yr	m^3/yr
Camp Use	5.67	49,669	50,000	73,000
Truck Shop-Washbay	8.5	74,460	9,636	365
Paste Plant	5.5	48,180	105,120	157,000
Mill	107.2	939,072	424,860	652,000
Drilling Water	N/A	N/A	1,460	730
Dust Control	18	45,000	24,168	24,168
Emulsion Plant	1.6	14,016	1,520	1,950
Underground Washbay	50	438,000	2,200	2,200
Discovery Installation				5,500
Pit Production	1.5	12,000	N/A	
Sub-total	198	1,620,397	618,964	916,913
Contingency	**25%**		**20%**	**20%**
Total	**247.5**	**2,168,100**	**742,757**	**1,100,296**

4.2.2 Sewage Management

Sewage collected from the camp and MSB facilities is pumped to the STP. The objective of the STP is to treat sewage to an acceptable level for discharge to CP1 via a treated sewage water discharge pipeline. The STP is housed in a prefabricated (modular) structure, located at south-east of the service complex at the Industrial Pad, as shown in Figure 2. The system is designed to treat a maximum daily flow of 299 m^3 per day.

The STP for the camp facilities is designed to meet appropriate guidelines for wastewater discharge (Agnico Eagle, 2020c). Details regarding STP specifications and operation can be found in the Operation & Maintenance Manual Sewage Treatment Plant (Agnico Eagle, 2021a).

4.2.3 Process Water Management

Process water is required in the mill for ore processing and is primarily sourced from Meliadine Lake through the freshwater intake system. As per the Licence, reclaim of surface contact water for use at the Mill is maximized to the greatest practical extent.

4.3 Meliadine Lake Diffuser Effluent Flow Rates

The EWTP is designed to meet the minimum required rate of 12,000 m^3/d per the design requirements of dike D-CP1 (Tetra Tech, 2016b). While the EWTP equipment has an operational range up to 28,000 m^3/d, the current system is configured to operate a maximum discharge rate of 18,000 m^3/d to prevent over-pressuring in the HDPE line that conveys water from the EWTP to the diffuser.

The pump does not operate continuously at the maximum rate. The rate of discharge is determined during the open water season to meet the design criteria and performance objectives of D-CP1. The anticipated amount of effluent discharge each month per year can be found in the Water Balance and Water Quality Model (WBWQM) results in section 3.2 of the Annual Report. Details on the WBWQM setup and methods are discussed in section 5 of this document.

Discharge to Meliadine Lake is expected to be required on an annual basis. However, discharge of surface contact water through the waterline to Itivia Harbour will be conducted in accordance with the Adaptive Management Plan to minimize discharge to Meliadine Lake once the waterline is operational (Agnico Eagle, 2024a).

The anticipated amount of effluent requiring discharge over each year is based on the Water Balance and Water Quality Model (WBWQM). Updates to the WBWQM are conducted at a minimum of annually and results can be found in the most recent submission of the Annual Report.

SECTION 5 • WATER BALANCE

5.1 Site Water Balance Model

The site-wide water balance model is set-up to represent the interaction of the local climatic regime with the mine plan and water management plan, and based on these interactions, to predict the volumes of various water types (i.e., non-contact, surface contact and saline contact) requiring management, treatment and discharge to the receiving environment (Lorax 2025).

Table 15: Evolution of Site Water Balance Model

Year	Reference	Update Summary
2014	Tetra-Tech, 2014	Initial model for evaluating contact water infrastructure and pumping needs for Life of Mine and Closure. Included CP1, CP3, CP4, CP5, CP6, Tiriganiaq Open Pit and Tiriganiaq Underground
2020	Golder, 2020b	Update for 2020 Water Licence Amendment; inclusion of CP2
2021	Lorax, 2021	New Water Balance Water Quality Model (WBWQM) using the GoldSim modelling platform
2024	Lorax, 2024	Updated WBWQM for 2024 Water Licence Amendment
2025	Lorax, 2025	Updated WBWQM for 2025 Modification Application (inclusion of CP2.5, storage of water in mined-out Pits, and Pump Underground)

As per Part E, Item 13 of the Water Licence, the WBWQM is updated at minimum once every year to reflect operating conditions and results are provided in the Annual Report. See Appendix A for details of the Water Balance Water Quality Model that was updated for the current Modification application.

SECTION 6 • WATER QUALITY

Water quality monitoring is an important part of the Water Management Plan to verify the predicted water quality trends, conduct adaptive management should differing trends be observed, and to ensure all water quality limits at discharge points are met (i.e., effluent to Meliadine Lake and Itivia Harbour). Water quality results and water transfers (i.e., origin, destination, rate) at the Mine are monitored and documented pursuant the Licence.

Water quality monitoring was initiated at the pre-development stage, continued through construction into operations, and will continue into closure and post-closure. Monitoring occurs at four levels:

1. Regulated discharge monitoring that occurs at monitoring points specified in the Licence or MDMER regulations.
2. Verification monitoring that is undertaken for operational and water management purposes by Agnico Eagle.
3. General monitoring that is commonly included in the Licence, specifying what is to be monitored according to a schedule. General monitoring is subject to change as directed by an Inspector, or by the Licensee, subject to approval by the NWB.
4. Event Monitoring that addresses the site-specific monitoring that is required following any accidental release. The EM program is designed to verify whether contamination of the surface soil and/or any nearby receiving environment and active zone has occurred as a result of an accidental release of a hazardous material or contaminated water. A “release” may be caused by spills, including unidentified seepage or emergencies.

Water quality monitoring include quality assurance/quality control procedures that are implemented as per current Quality Assurance/Quality Control Plan. Appendix D of the Meliadine Mine Water Quality and Flow Monitoring Plan provides details of the Monitoring Program Stations on site and at Itivia. Figure 8and Figure 9 depict the Monitoring Program Stations on site and at Itivia.

6.1 Summary of Regulatory Guidelines

Water quality results are compared to MDMER criteria and effluent quality limits listed in the Licence. Water quality pertaining to MEL-14 will be compliant to Part F, Item 3 of the Licence prior to discharging to Meliadine Lake. All surface runoff and/or discharge from drainage management systems associated with the Mine, including laydown areas and All-Weather Access Road, where flow may directly or indirectly enter a Water body, shall not exceed the Effluent quality limits listed in Part D, Item 18 of the Licence. Furthermore, all waters from natural water body dewatering activities shall be directed to Meliadine Lake and shall not exceed the Effluent quality limits listed in Part D, Item 12.

Post-closure discharge water quality will be compared to Canadian Council of Ministers of the Environment Water Quality Guidelines (CCME-WQG) guidelines or the Meliadine SSWQO developed

for aluminum, fluoride, and iron (Golder 2013a, 2013b, 2014). The Meliadine SSWQO criteria was developed as a conservative protection to the aquatic receiving environment and was developed by Golder (2013a, 2014) to assess whether waste rock consisted of a deleterious substance according to Environment Canada (2013). The outcome of the assessment was that Meliadine waste rock is not a deleterious substance (Environment Canada 2014).

6.2 Water Quality Monitoring - Licence Amendment

As a component the Emergency Amendment (2020) and in support of the Water Licence Amendment Application (Amendment No. 1, 2021), additional regulated discharge monitoring was carried out in 2020, as described in the Meliadine Mine Water Quality Management and Optimization Plan (WQ-MOP). The purpose of the WQ-MOP sampling program was both to assess conditions experienced in Meliadine Lake during the 2020 discharge event and for the application as a science-based framework to support the determination of acceptable effluent quality conditions (EQCs) and Site-Specific Water Quality Objectives (SSWQOs). Further information regarding the WQ-MOP, including specifics of the 2020 sampling program, application of monitoring data, adaptive management measures and thresholds for the development of SSWQOs for chloride can be found in Meliadine Mine Water Quality Management and Optimization Plan Progress Update (Golder 2021).

6.3 Water Quality Modelling and Forecasts

Water quality for past and current (2024) operation of the mine is simulated using the Operational version of the WBWQM, whereas updated water quality predictions for future operations (2025+), closure and post-closure periods are conducted using the WBWQM updated for the Meliadine Modification (Lorax 2025). Concentrations of water quality parameters required by the Type A Water Licence 2AM-MEL1631 under Part F, Item 3 are modelled for all mine water management ponds and sumps.

As per the amended Water Licence, the water quality forecast will be updated annually. Future updates to the water quality forecast will be provided in the Annual Report.

6.4 Post-Closure

As per the 2014 Final Environmental Impact Statement (FEIS) water quality model provided in Agnico Eagle (2015b), long-term, post-closure water quality in the collection ponds and in the flooded open pit lakes are anticipated to meet MDMER limits and CCME-WQG for the protection of aquatic life or the SSWQO developed for the Mine for aluminum, fluoride, and iron. Water quality is predicted to improve in Closure when mining activities cease, and pit lakes are flooded with Meliadine Lake water. Detailed water quality predictions at Post-Closure are included in the Meliadine Mine Water Balance and Water Quality Model Technical Report (Lorax 2025).

SECTION 7 • WATER MANAGEMENT DURING CLOSURE

The detailed Mine closure and reclamation activities are provided in the Meliadine Mine Interim Closure and Reclamation Plan. Water management during closure and reclamation will involve controlled flooding of the open pits using a combination of excess surface water and freshwater from Meliadine Lake, as well as the natural flooding of the Underground Mine workings with groundwater inflows (groundwater seepage) and may include the transfer of any saline water remaining on surface. Flooding of open pits with excess surface water will be such that water quality is to meet the closure objectives as set out in the Meliadine Mine Interim Closure and Reclamation Plan. Water management infrastructure will remain operational until monitoring confirms that water quality is suitable for discharge to the environment without further treatment. Once water quality meets the discharge criteria, the water management systems will be decommissioned to allow the water to naturally flow to the environment.

The key water management activities during Mine closure are summarized in Table 20. Figure 10 illustrate the water management layout after Mine closure. Additional details for the activities are described in the following sections.

Table 16: Key Water Management Activities during Mine Closure

Phase	Figure	Key Water Management Activities and Sequence
Active Closure (2032 to 2038)	5	• Flooding of mined out pits • Continue to collect and manage the contact water in collection ponds • Continue to pump the contact water in CP1 to EWTP, if required, for treatment before being discharged to the outside environment • Remove non-essential site infrastructure • Pump the underflow sludge water from EWTP to CP1 • Continue natural flooding of Tiriganiaq and Pump Underground Mine and the transfer of remaining surface saline water (if needed) • Remove Meliadine Lake pumping system
Post-Closure (2039+)	10	• Treat the contact water until water quality meet direct discharge criteria and then decommission the water management system • Continue natural flooding of Tiriganiaq and Pump Underground • Breach water retention dikes and thermal berms once water quality monitoring results meet discharge criteria to allow water to naturally flow to outside environment • Remove culverts and breach remaining water retention berms (pending the demonstration of acceptable water quality)

7.1 Mine Flooding

Water management during closure and reclamation will involve controlled flooding of the open pits using a combination of excess surface water and freshwater from Meliadine Lake. Flooding of open pits with excess surface water will be such that water quality is to meet the closure objectives set

out in the Meliadine Mine Interim Closure and Reclamation Plan. Transfer of remaining surface saline water in the open pits to the Underground Mine workings

Refilling of the mine out pits is anticipated to take seven years, with pumping of Meliadine Lake water at a maximum of 8.5 Mm^3/year over six years, reducing to 2.6 Mm^3 in the last year of Active Closure (Lorax 2025). There will be no discharge into Meliadine Lake or to Itivia Harbour during this phase. The water quality model results indicated that water quality in the flooded pits will meet the discharge criteria and post closure treatment will not be required. The water quality within the pits will be monitored during flooding to verify the prediction of the water quality model. The information will be used to develop a strategy to minimize contamination of the regional surface water system.

More details are provided in the Meliadine Mine Water Balance and Water Quality Model Technical Report (Lorax 2025).

7.3 Collection Ponds, Dikes and Berms

The collection ponds, dikes and berms will remain in place to collect the surface runoff water and seepage from the Mine until the water quality meets discharge criteria. Once the water quality meets discharge criteria, dikes/berms will be breached to allow runoff to follow natural (topographically induced) flow paths. Dikes/berms breaching will involve the removal of a portion of the dikes to a minimum depth of 1 m below average water level or back to original ground levels. Consideration will be given to breach staging, with the above water portions of the dike/berm in the breach area removed during winter periods, when there will be little surface water flow, thereby minimizing the potential release of sediments to the neighbouring waterbodies. The remainder of the breach would be conducted during the open water season following freshet. Turbidity curtains would be deployed to minimize any potential sediment release to surface water.

7.4 Channels and Sumps

Once monitoring results have indicated that contact water conveyed in channels and sumps meets acceptable water quality, the infrastructure will be graded and/or surface treated according to site-specific conditions to minimize wind-blown dust and erosion from surface runoff, if required. This closure activity is intended to enhance site area development for re-colonization by native plants and wildlife habitat.

REFERENCES

Agnico Eagle Mines Limited (Agnico Eagle), 2014. Final Environmental Impact Statement Document Package – Meliadine Gold Project, Nunavut, Submitted to Nunavut Impact Review Board.

Agnico Eagle. 2015a. Meliadine Gold Project: Mine Plan. Version 1. 6513-MPS-10. April 2015.

Agnico Eagle. 2015b. Meliadine Gold Project: Water Management Plan. Version 1. 6513-MPS-11. April 2015.

Agnico Eagle. 2017a. Final Spill Report, Tank Release April 8, 2017. June 2017.

Agnico Eagle. 2018. Design Report, Saline Water Treatment Plant. Document number: 6515-E-132-013-105-REP-035, August 2018.

Agnico Eagle. 2019a. As Built Report, Saline Water Treatment Plant (SWTP), July 2019.

Agnico Eagle. 2019b. Meliadine Gold Project. Roads Management Plan. Version 8. 6513-MPS-03. December 2019.

Agnico Eagle. 2019c. Meliadine Gold Project. Construction Summary (As-built) Report for Berm 2, Channel3, Pond CP3, and Berm CP3. Version A. 6515-695-230-REP-001. October 2019.

Agnico Eagle. 2019d. Meliadine Gold Project. Construction Summary (As-built) Report for Channel4, Pond CP4, and Berm CP4. Version A. 6515-695-230-REP-002. December 2019.

Agnico Eagle, 2020a. Operational and Maintenance Manual – Freshwater Treatment Plant Upgrade. Version R0. 6526-461-132-REP-001. June 2020.

Agnico Eagle 2020b. Design Report – Saline Effluent Treatment Plant (SETP) Upgrade. Version R2. 6526-680-132-REP-001. August 2020.

Agnico Eagle, 2020c. Design Report – Sewage Treatment Plant (STP) Upgrade. Version R0. 6526-460-132-REP-002. July 2020.

Agnico Eagle. 2020d. Meliadine Gold Project. Construction Summary (As-built) Report for Collection Pond 6 (CP6) and Berm CP6. 6526-695-230-REP-002. August 2020.

Agnico Eagle, 2021a. Operation & Maintenance Manual (OMM) – Sewage Treatment Plant Upgrade. Version 5. 6526-460-132-REP-001. March 2021.

Agnico Eagle, 2021b. As-Built Report – Building for Water Treatment Complex (WTC). Version R0. 6526-694-132-REP-002. February 2021.

Agnico Eagle, 2021c. Operation & Maintenance Manual – Effluent Water Treatment Plant (EWTP). Version 2. January 2021.

Agnico Eagle, 2021d. Design Report Saline Effluent Treatment Plant (SETP-WTC). December 2021.

Agnico Eagle. 2022a. Meliadine Gold Project: Landfarm Management Plan. Version 4. April 2022.

Agnico Eagle. 2022b. Meliadine Gold Project: Landfill and Waste Management Plan. Version 8. April 2022.

Agnico Eagle, 2022c. Meliadine Gold Project. Quality Assurance/Quality Control Plan. Version 4. April 2022.

Agnico Eagle, 2024a. Adaptive Management Plan for Water Management. Version 9. January 2024.

Agnico Eagle, 2024b. Fish Offsetting Plan Version. January 2024.

Agnico Eagle, 2024c. Technical Memorandum: Operations Landfill (Stage 4) Berm Raise Summary, Meliadine Mine, Nunavut. March 2024.

Environment Canada. 2013. Guidelines for the Assessment of Alternatives for Mine Waste Disposal. Ottawa, ON, Canada. June 2013.

Environment Canada. 2014. Electronic mail communication from Environment Canada to Agnico Eagle. Subject: Assessment of Meliadine Waste Rock. May 6, 2014.

Golder (Golder Associated Ltd.). 2009. Assess of completeness of geotechnical data for feasibility design Tiriganiaq open pit. Submitted to Comaplex Minerals Corp., 26 May 2009, Doc. 008 Rev. 0

Golder. 2012a. SD 7-2 Aquatic Baseline Studies- Meliadine Gold Project, Nunavut, Canada. A Technical Report Submitted to Agnico Eagle Mines Ltd. by Golder Associates, September 19, 2012.

Golder. 2012b. SD 6-1 Permafrost Thermal Regime Baseline Studies- Meliadine Gold Project, Nunavut, Canada. A Technical Report Submitted to Agnico Eagle Mines Ltd. by Golder Associates, September 25, 2012.

Golder. 2012c. Tailings Storage Facility Preliminary Design – Meliadine Gold Project, Nunavut. A Draft Report Submitted to Agnico Eagle Mines Ltd. by Golder, August 16, 2012.INAC, 1992. Guidelines for ARD Prediction in the North. Department of Indian Affairs and Northern Development, Northern Mine Environment Neutral Drainage Studies No.1, Prepared by Steffen, Robertson and Kirsten (B.C.) Inc.

Golder. 2013a. Site specific Water Quality Objectives (SSWQO) Assessment – Meliadine Gold Project, Nunavut. Document 371. Report to Agnico-Eagle Mines Ltd. February 22, 2013. 57 p.

Golder. 2013b. Appendix 7.2-B, Hydrogeological Modelling, Meliadine Gold Project, Nunavut. Technical Report Submitted to Agnico Eagle Mines Ltd. Reference No. Doc 335-101370076, Jan. 16, 2013.

Golder. 2014a. SD 2-6 Surface Water Management Plan – Meliadine Gold Project, Nunavut. Doc 32-1314280007 Ver. 0. April 2014.

Golder. 2014b. Assessment of Site Specific Exposure and Toxicity Modifying Factors on Aluminum Toxicity and Validation of Non-Deleterious Nature of All Parameters of Potential Concern in Waste Rock Leachate – Meliadine Gold Project, Nunavut. Document 440. 2014. Report to Agnico-Eagle Mines Ltd. March 14, 2014. 7 p.

Golder. 2015. Meliadine Gold Project. Appendix E: Near-Field Modelling and Diffuser Design. Report Number: Doc 493-1405283 Ver. 0. March 2015.

Golder. 2020a. Meliadine Gold Project. Water Quality Management and Optimization Plan (WQ-MOP) Progress Update: Phase 3 - Finalize Meliadine Mine Effluent Discharge Benchmarks for TDS. 19132390-751-RPT-Rev3. July 2020.

Golder. 2020b. Meliadine Gold Project. Meliadine Site Water Balance and Water Quality Model. Type A 2AM-MEL1631 Water Licence Amendment. 20144940-779-RPT-Rev1. July 2020.

Golder, 2021. Water Quality Management and Optimization Plan Progress Update Rev4b. Phase 3: Meliadine Mine Effluent Discharge Benchmarks for Total Dissolved Solids. 21480734-751-RPT-Rev4b. August 2021.

Government of Canada. 2002. Metal and Diamond Mining Effluent Regulations. SOR/2002-222; last amended on June 10, 2021.

Lorax (2022). Meliadine Extension: Water Balance and Water Quality Model Technical Report. Prepared for Agnico Eagle Mines Ltd, by Lorax Environmental Services, February 2022.

Lorax Environmental Services Ltd. (Lorax) (2025). Meliadine Mine Modification Water Balance and Water Quality Model-Technical Report issued to Agnico Eagle Mines Limited. June 2025.

Messager, M. L., Lehner, B., Grill, G., Nedeva, I., & Schmitt, O. (2016). Estimating the volume and age of water stored in global lakes using a geo-statistical approach. Nature Communications, 7(1), 13603. https://doi.org/10.1038/ncomms13603

Nunavut Impact Review Board (NIRB). 2019. NIRB Meliadine Gold Mine Project Certificate [NO.: 006] Amendment. February 26, 2019.

Nunavut Water Board (NWB). 2021. Amended Water Licence: No: 2AM-MEL1631. May 13, 2021.

SNC Lavalin Inc., 2020, Assessment of Water Balance and Water Quality Forecast around pond CP1 at Meliadine, Memorandum. Submitted as Attachment 03 in response to technical comments for the Meliadine Type A (2AM-MEL1631) Water Licence Amendment Application. November 2020.

SNC Lavalin Inc., 2022, Meliadine Interim Closure and Reclamation Plan – Update 2020, Final report.

Snowden. 2008. Tiriganiaq gold deposit, Nunavut – resource update. Submitted to Comaplex Minerals Corp. January 2008.

Tetra Tech EBA. 2014. Tailings, Waste and Water Management for Feasibility Level Study, Meliadine Project, Nunavut. File: E14103188-01. December 2014.

Tetra Tech EBA. 2015. Summary of Water Balance Key Assumptions and Results, Meliadine Gold Project. Technical Memorandum Submitted to Agnico Eagle Mines Ltd. by Tetra Tech EBA, October 2015.

Tetra Tech EBA. 2016. Meliadine Lake Diffuser Design Progress Report for Discussion. September 20, 2016. File: E14103230-01 Task 007.

Tetra Tech. 2017. Construction Summary Report for EWTP, Pumping Stations, Pipelines and Diffuser. September 2018. 6515-E-132-005-132-REP-014.

Tetra Tech. 2018a. Design Report for CP3, CP4, CP Berms, Berm2, Channel3, and Channel4, Meliadine Project, Nunavut. June 2018. File: ENG.EARC03076-02, Document number: 6526-695-100-REP-001.

Tetra Tech. 2018b. Construction Summary (As-Built) Report Effluent Water Treatment Plant, Pumping Stations, Pipelines, And Diffuser, Meliadine Gold Project, NU. September 2018. Project number: 28920, Document number: 6515-E-132-007-132-REP-014.

Tetra Tech. 2020a. Design Report for CP6 and CP6 Berm, Meliadine Project, Nunavut. January 24, 2020. File: ENG.EARC03140-06, Document number: 6526-695-100-REP-001.

Tetra Tech. 2020b. Technical memo for prefeasibility level design of WRSF3 with extended footprint and associated water management infrastructure. June 2020. File: 704-ENG.EARC3206-01. July 2020.

Tetra Tech. 2020c. Meliadine Lake Updated 3-D Modelling of the Discharge Assessment. November 2020. File: ENG.ACLE03008-05.

Tetra Tech. 2022. Design Report for Effluent Water Treatment Plant, Pumping Stations, Pipelines & Associated Berm, and Diffuser. June 2022. File: 6515-E-132-005-132-REP-009.

Tetra Tech. 2022. Construction Summary (As-built) Report for CP2 Pond, CP2 Berm, Channel9, and Channel10. October 2022. File: 704-ENG.EARC03140-28.

Tetra Tech. 2024. Prefeasibility Level Design of Water Management Infrastructures for Meliadine Mine. January 2024. File: 704-ENG.EARC03193-04.

WSP Golder. (2022). Updated Hydrogeology Modelling Meliadine Extension. 22513890-941-R Rev.B. Prepared for Agnico Eagle Mines Ltd. By Golder Associates Ltd. July 2022.

WSP. 2024a. Updated Groundwater Modelling for Tiriganiaq Underground. Ref No. 22513890-947-R-RevA-GW. March 2024.

WSP. 2024b. Updated Hydrogeology Modelling Meliadine Mine. WSP Doc. CA0020476.6818-MEL2024_004-R-Rev0, January 2024.

FIGURES

Figure 1: General Mine Site Location Plan

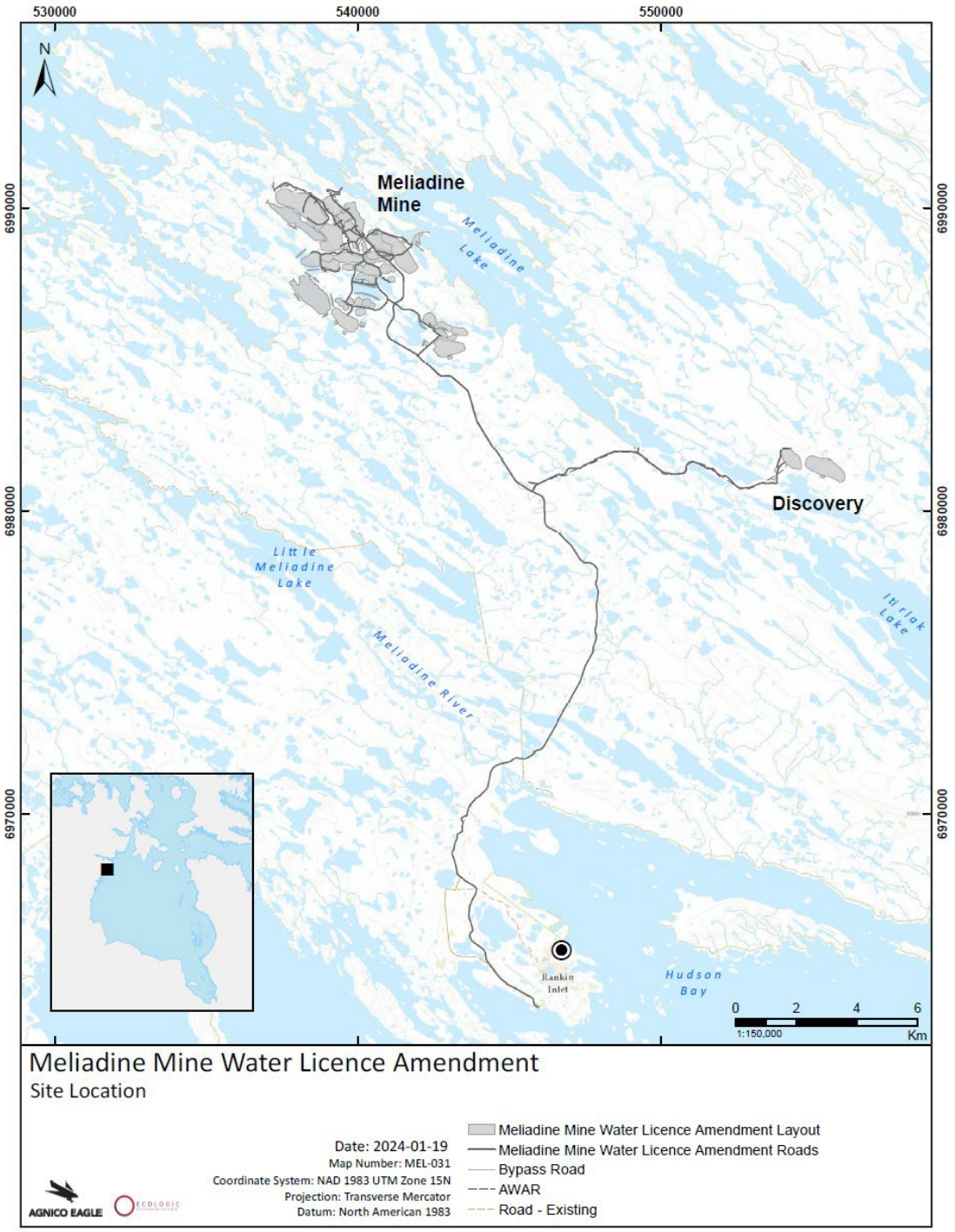


Figure 2: General Mine Site Plan Layout

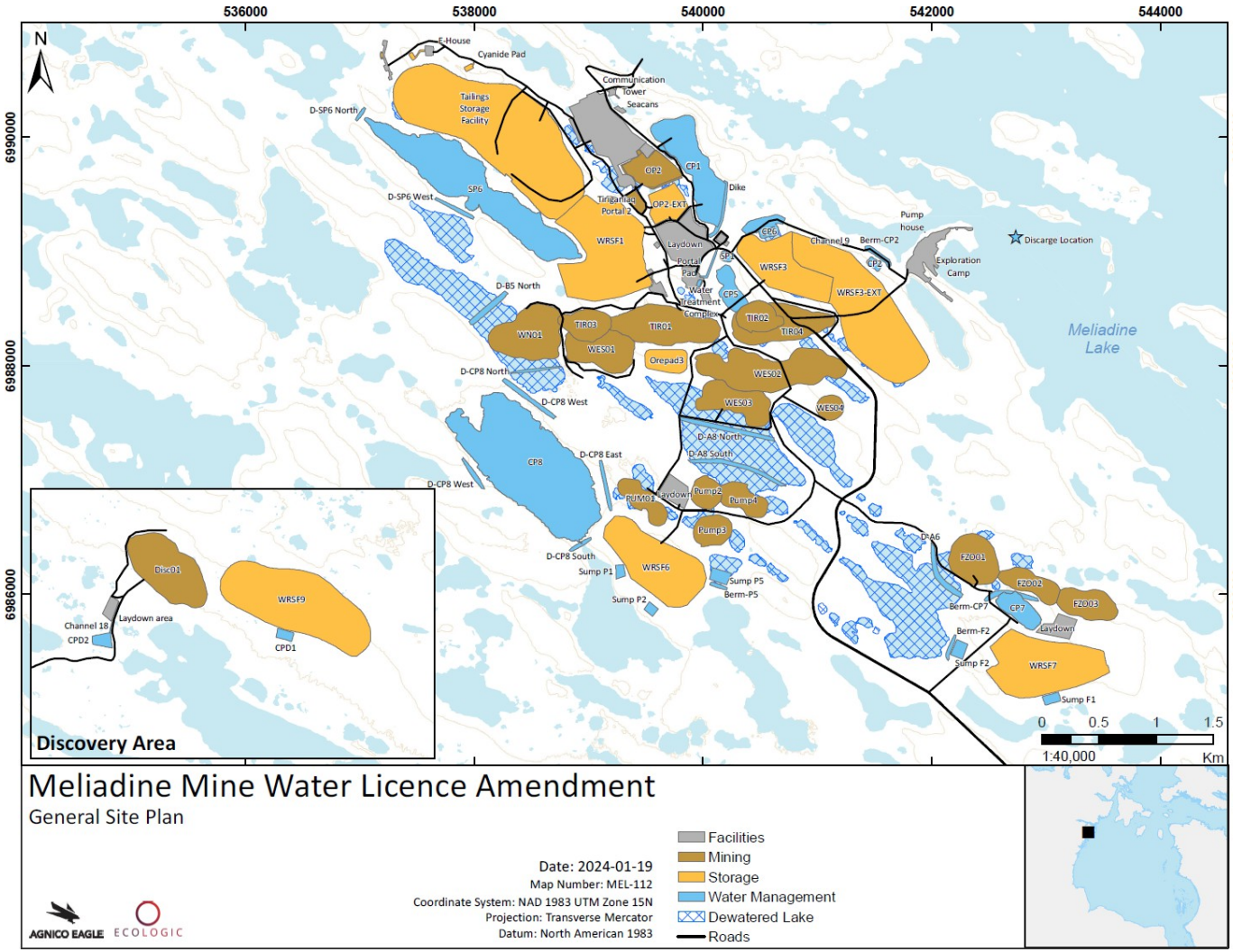


Figure 3: P-Area Plan View and Design of the P3 Pad

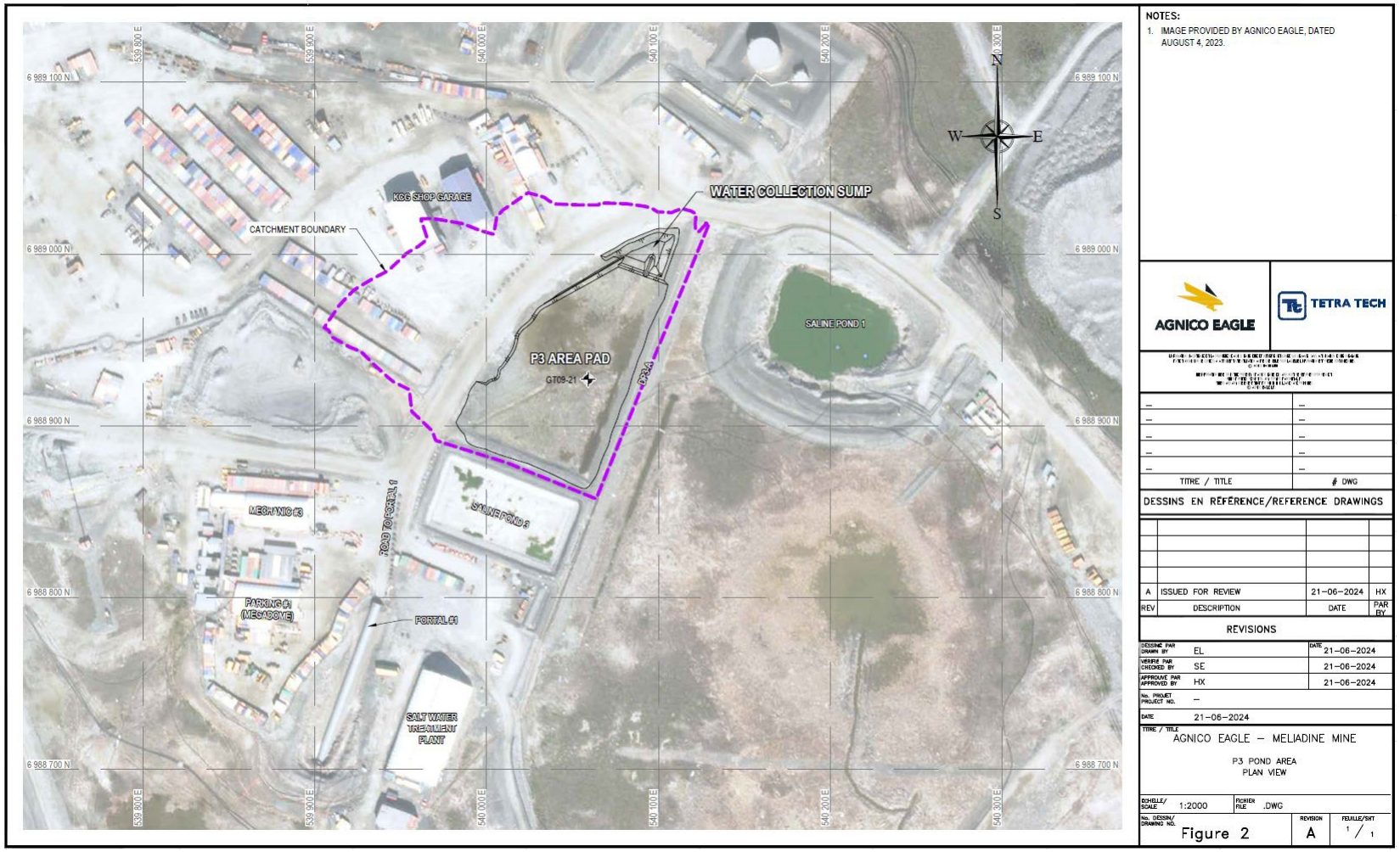


Figure 4: Location and Design of Saline Pond 4 (SP4) within Tiriganiaq Pit 1

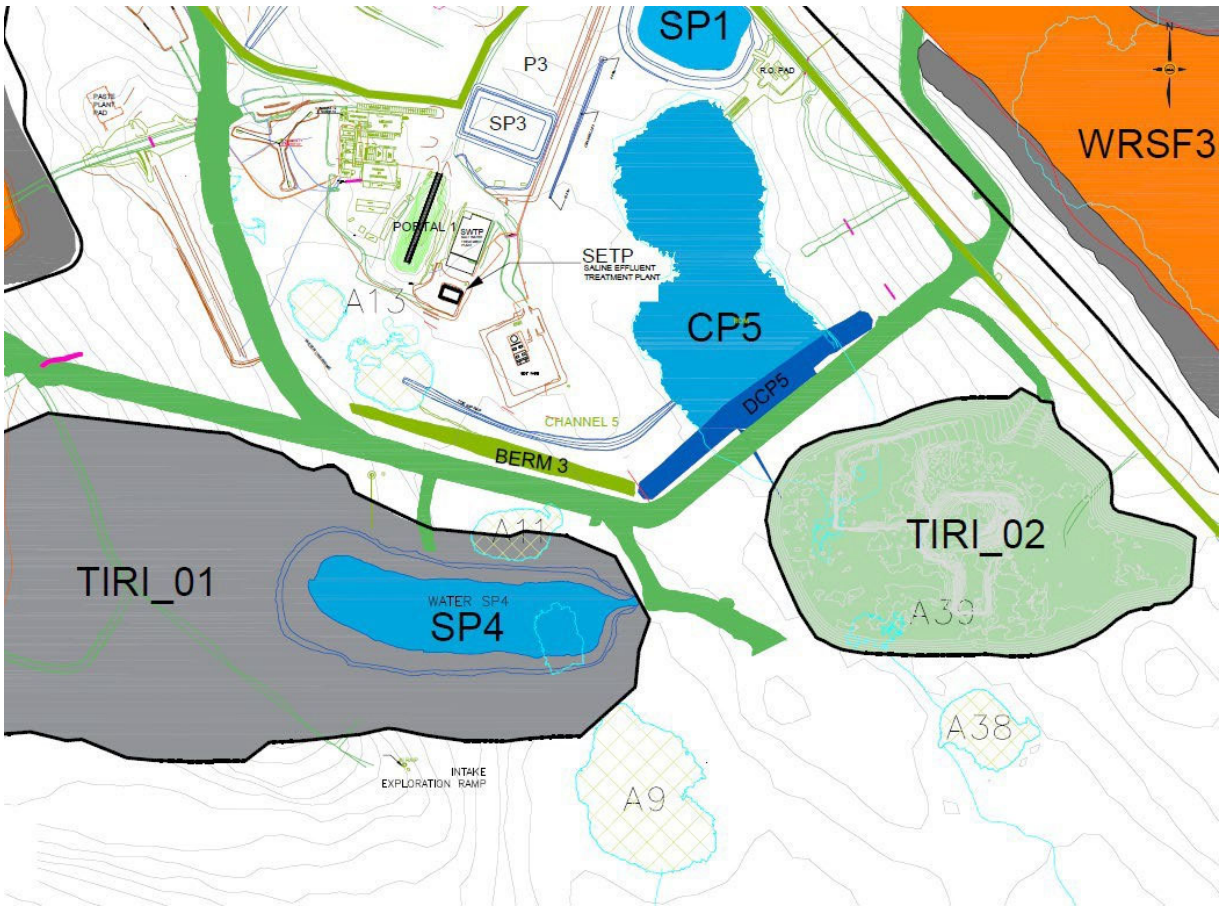


Figure 5: Mine Site Layout at 2031

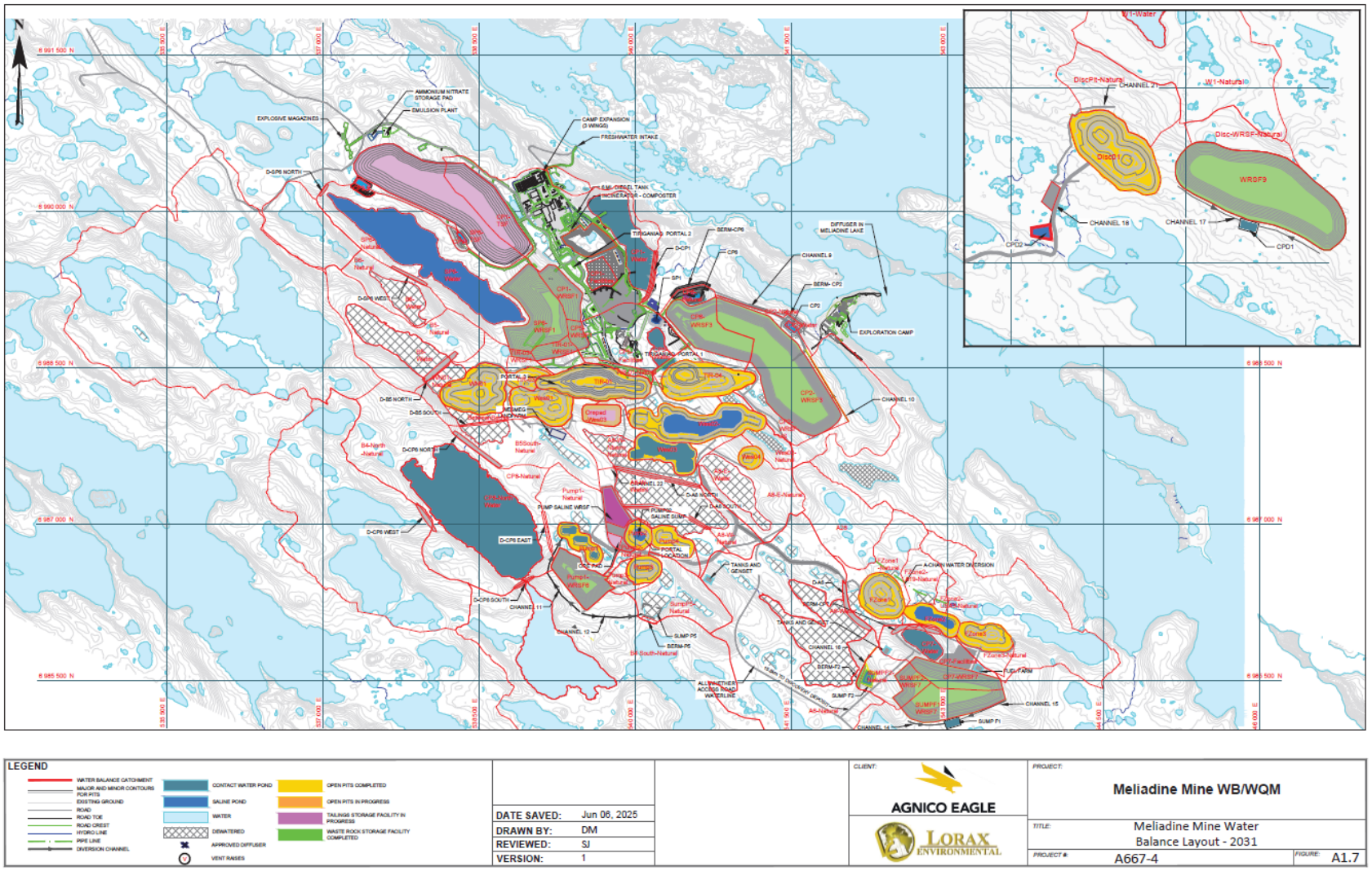


Figure 6: Conceptual Site Water Management Flow Diagram for the Site

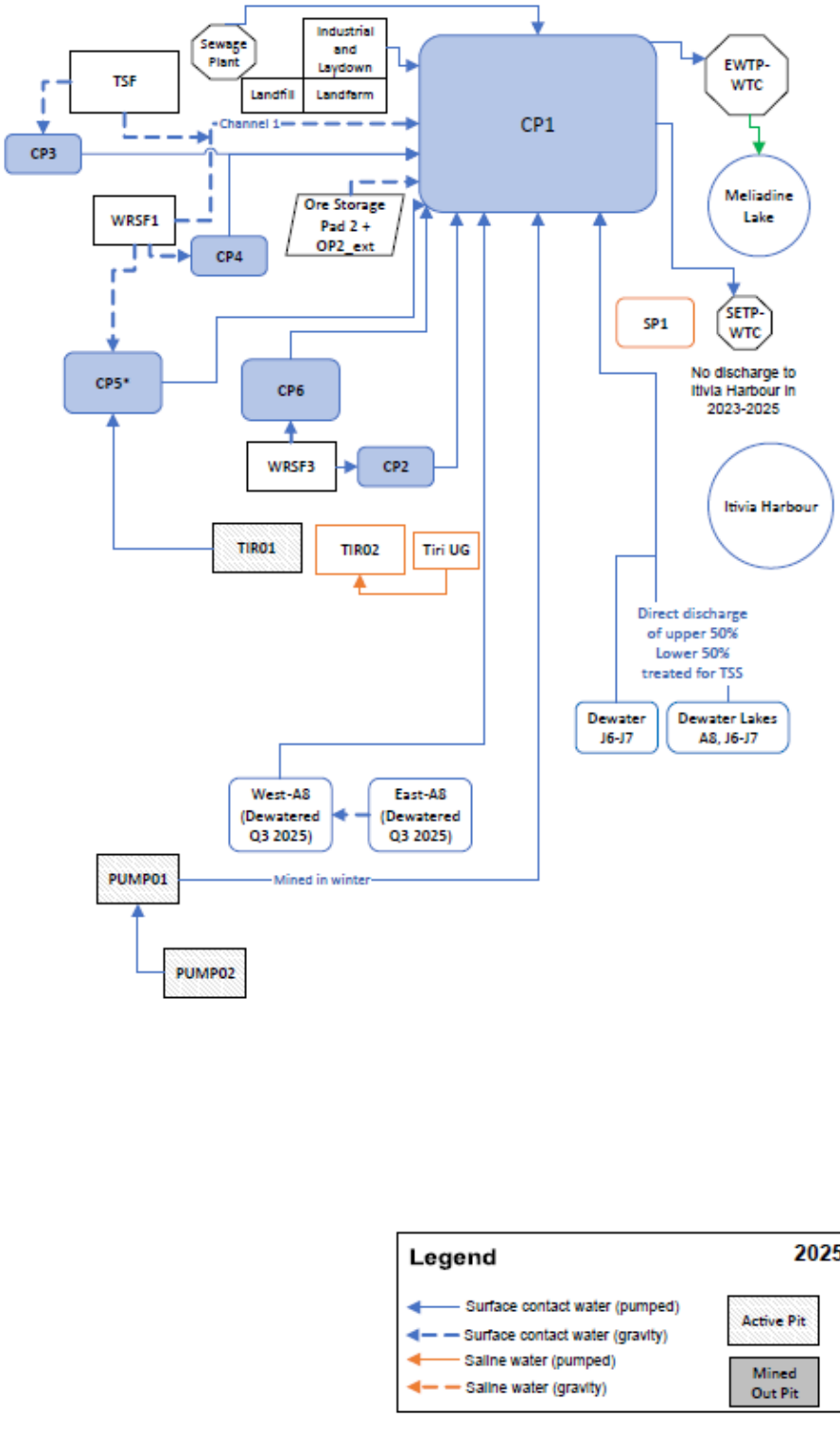


Figure 7: Conceptual Site Water Management Fow Diagram as Planned at the End of the Life of Mine

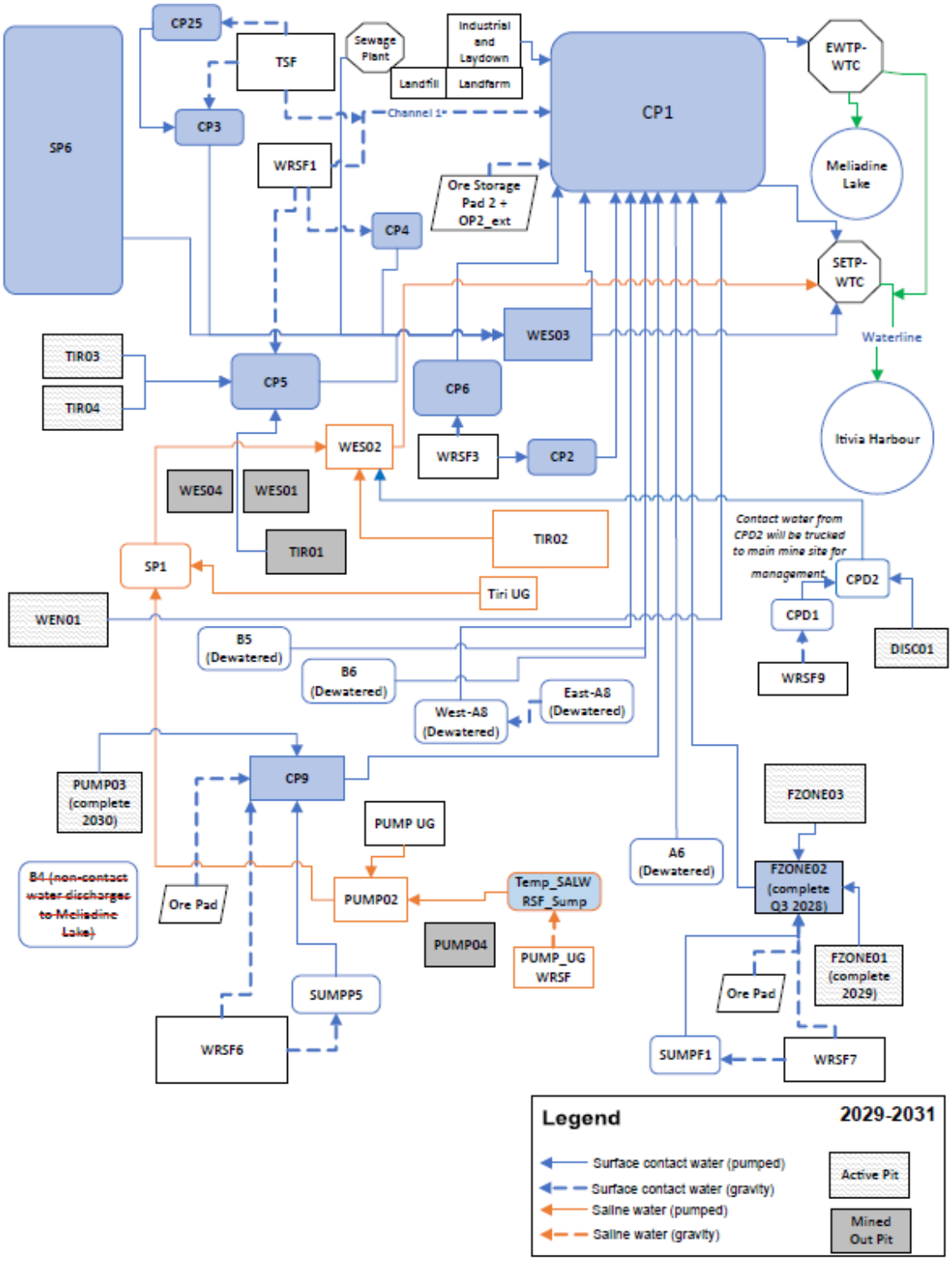


Figure 8: Water Quality Monitoring Locations on Site

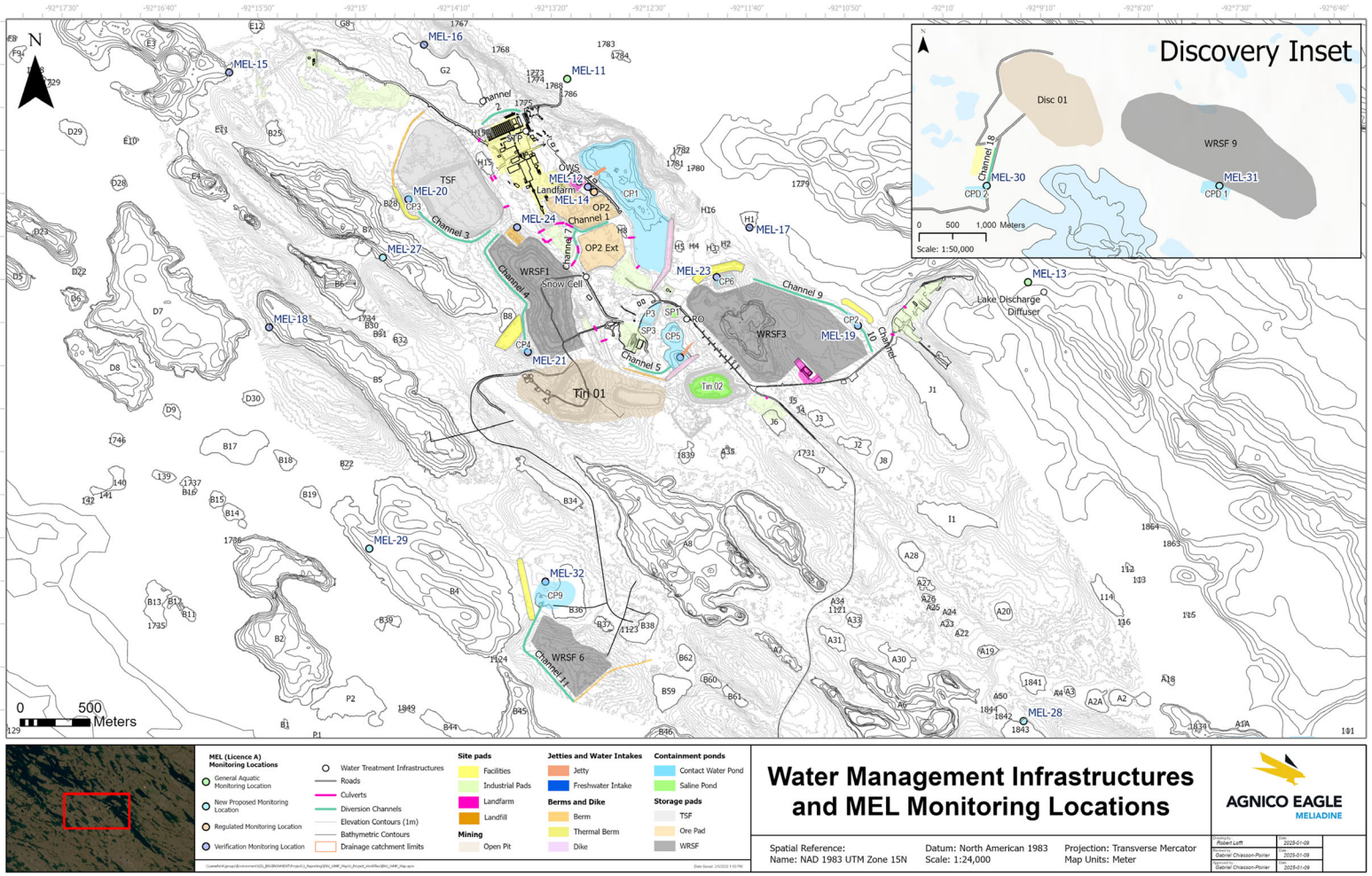


Figure 9: Water Quality Monitoring Locations at Itivia

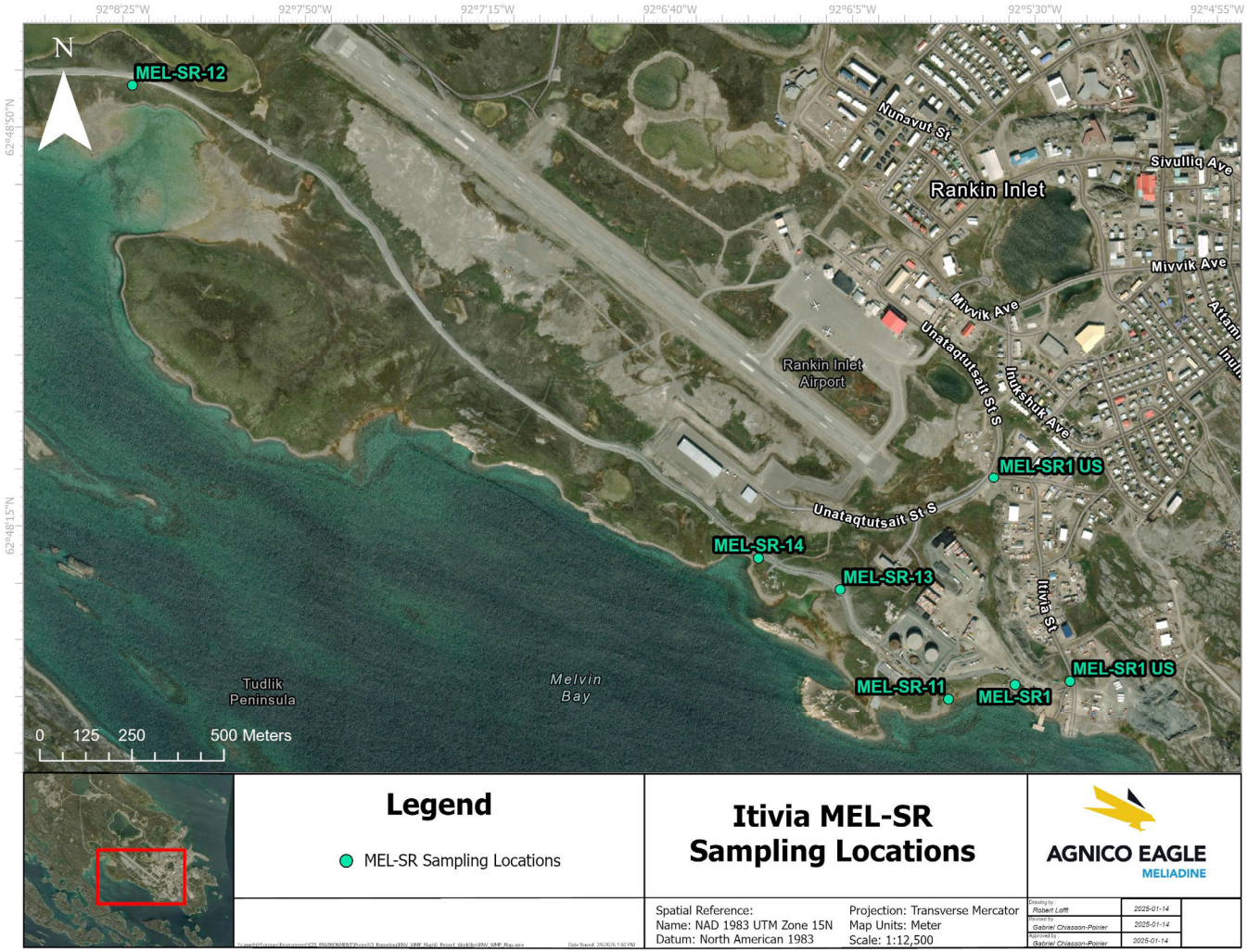
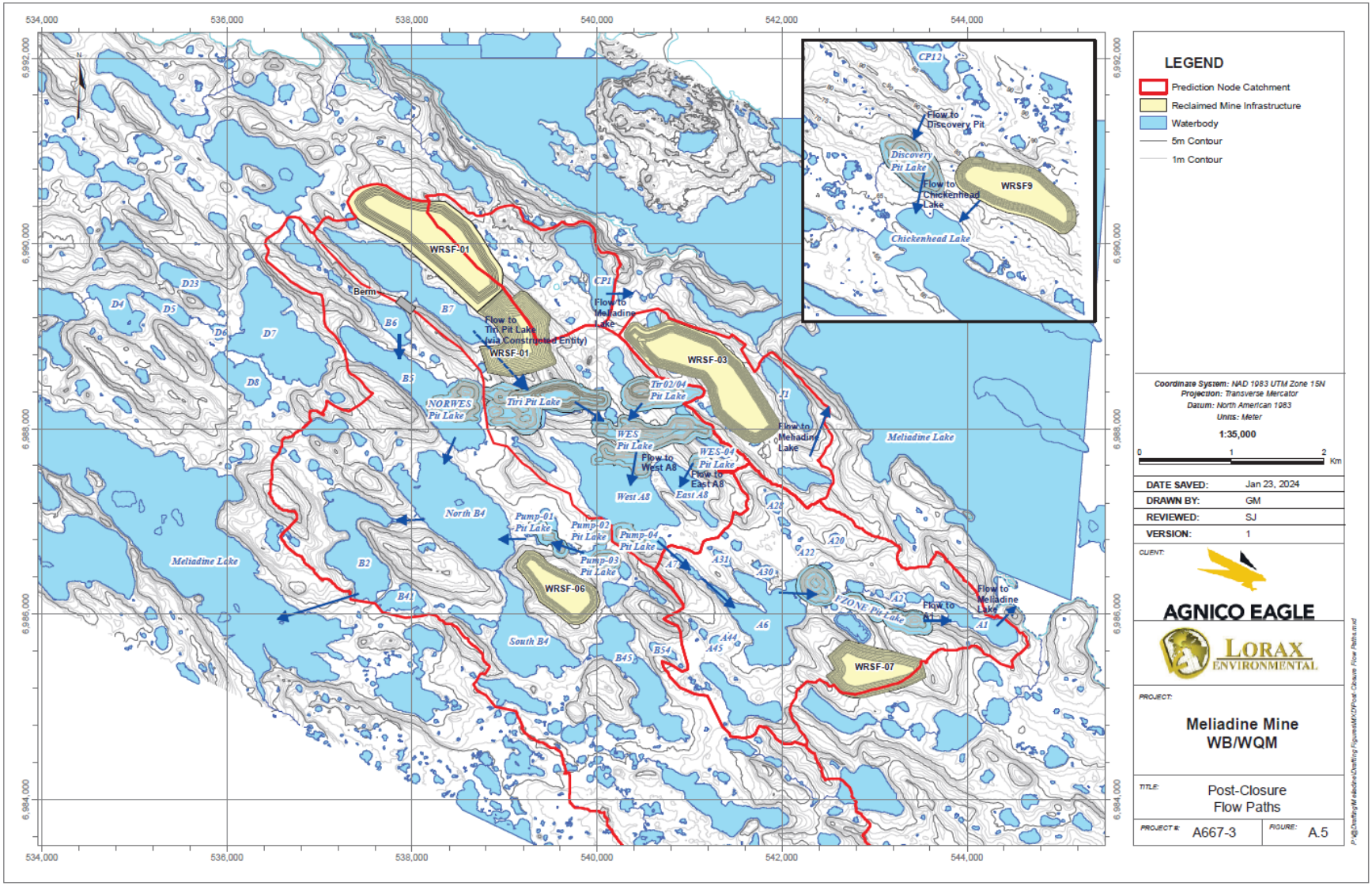


Figure 10: Mine Site Layout After Closure



APPENDIX A – WATER BALANCE AND WATER QUALITY MODEL REPORT

AGNICO EAGLE

Meliadine Mine Modification
Water Balance and Water Quality Model
Technical Report

Prepared for:
Agnico Eagle Mines Limited
11600, rue Louis-Bisson
Mirabel, Québec
J7N 1G9

Prepared by:
Lorax Environmental Services
305 - 1770 West 7th Ave.,
Vancouver, BC
V6J 4Y6

Project No. A667-4

26 June 2025

LORAX ENVIRONMENTAL

Table of Contents

AGNICO EAGLE

Table of Contents

TABLE OF CONTENTS I

GLOSSARY AND ABBREVIATIONS IV

PLAIN LANGUAGE SUMMARY V

1. INTRODUCTION **1-1**
1.1 REPORT STRUCTURE 1-2

2. MODEL INPUT SOURCES **2-1**
2.1 MELIADINE MINE PLAN 2-1
2.2 UNDERGROUND INFLOWS 2-6
2.3 CLOSURE ASSUMPTIONS 2-7

3. WATER BALANCE RESULTS **3-1**
3.1 OPERATIONAL MINE WATER DISCHARGE TO ITIVIA HARBOUR AND MELIADINE LAKE 3-1
3.2 SURFACE WATER COLLECTION PONDS 3-5
3.2.1 WES03 3-5
3.2.2 PUMP01/CP9 3-6
3.2.3 FZONE02 3-7
3.2.4 COLLECTION POND CP1 3-8
3.2.5 COLLECTION POND SP6 3-9
3.3 SALINE WATER COLLECTION PONDS 3-9
3.3.1 TIRI02 3-9
3.3.2 PUMP02 3-11
3.3.3 WES02 3-12
3.4 OPEN PIT DEWATERING DURING MINING 3-14
3.5 ACTIVE CLOSURE WATER MANAGEMENT 3-14

4. WATER QUALITY MODEL RESULTS **4-1**
4.1 OPERATIONS 4-1
4.2 ACTIVE CLOSURE 4-1
4.3 POST-CLOSURE 4-6

5. SUMMARY **5-1**

6. CLOSURE **6-1**

REFERENCES **R-1**

APPENDICES:

APPENDIX A — APPENDIX A.1: MELIADINE MINE ANNUAL LAYOUTS
APPENDIX A.2: ANNUAL CATCHMENT AREAS
APPENDIX B — ANNUAL WATER MANAGEMENT FLOW DIAGRAMS
APPENDIX C — WATER QUALITY MODEL RESULTS
APPENDIX C.1: END OF PIPE
APPENDIX C.2: OPEN PITS, NATURAL LAKES AND COLLECTION PONDS
APPENDIX C.3 CONJOINED PIT LAKES

LIST OF FIGURES

FIGURE 2-1: ANNUAL MINE LAYOUT AND DELINEATED SUB-CATCHMENTS FOR EOM (2031) 2-3

FIGURE 2-2: CONCEPTUAL SITE WATER MANAGEMENT FLOW DIAGRAM – END-OF-MINE LAYOUT 2-4

FIGURE 3-1: ANNUAL DISCHARGES TO ITIVIA HARBOUR AND MELIADINE LAKE. THE MAXIMUM PREDICTED DISCHARGES TO EACH RECEIVER FROM THE 2014 FEIS ARE PRESENTED FOR REFERENCE. 3-2

FIGURE 3-2: ANNUAL SALINE WATER DISCHARGES TO ITIVIA HARBOUR..... 3-3

FIGURE 3-3: ANNUAL SURFACE CONTACT WATER (EWTP) DISCHARGES TO ITIVIA HARBOUR..... 3-4

FIGURE 3-4: ANNUAL EWTP DISCHARGES TO MELIADINE LAKE. 3-4

FIGURE 3-5: DAILY TIME-SERIES OF INFLOWS AND OUTFLOWS FOR THE WES03 PIT, AND CORRESPONDING VOLUME OF SURFACE CONTACT WATER STORED IN PIT FOR THE OPERATIONS PHASE. 3-6

FIGURE 3-6: PUMP01/CP9 POND VOLUME AND AVAILABLE STORAGE VOLUME FOR OPERATIONS PHASE. 3-7

FIGURE 3-7: FZONE02 POND VOLUME AND AVAILABLE STORAGE VOLUME FOR OPERATIONS PHASE. .. 3-7

FIGURE 3-8: VOLUMES, INFLOWS, AND OUTFLOWS TO THE CP1 POND FOR THE OPERATIONS PHASE. 3-8

FIGURE 3-9: VOLUMES, INFLOWS, AND OUTFLOWS TO THE SP6 POND FOR THE OPERATIONS PHASE..... 3-9

FIGURE 3-10: TIME SERIES OF POND VOLUME AND INFLOWS FOR THE TIRI02 POND DURING EARLY OPERATIONS PERIOD..... 3-10

FIGURE 3-11: INFLOWS AND OUTFLOWS TO THE TIRI02 PIT FOR THE OPERATIONS PHASE..... 3-10

FIGURE 3-12: DAILY TIME-SERIES OF INFLOWS AND OUTFLOWS FOR THE PUMP02 PIT, AND CORRESPONDING VOLUME OF SALINE WATER STORED IN PIT. 3-11

FIGURE 3-13: PUMP02 POND VOLUME AND AVAILABLE STORAGE VOLUME FOR OPERATIONS PHASE. .. 3-11

FIGURE 3-14: DAILY TIME-SERIES OF INFLOWS AND OUTFLOWS FOR THE WES02 PIT, AND CORRESPONDING VOLUME OF SURFACE CONTACT WATER STORED IN PIT FOR THE OPERATIONS AND EARLY ACTIVE CLOSURE PHASES. 3-12

FIGURE 3-15: WES02 POND VOLUME AND AVAILABLE STORAGE VOLUME FOR OPERATIONS PHASE..... 3-13

LIST OF TABLES

TABLE 2-1: FINAL OPEN PIT STORAGE VOLUMES. 2-2
TABLE 2-2: OPEN PIT AND UNDERGROUND MINE WATER MANAGEMENT SCHEDULE. 2-5
TABLE 2-3: MONTHLY UNDERGROUND DEWATERING VOLUMES (2018-2024). ALL VALUES IN M^3/DAY. 2-6
TABLE 2-4: PREDICTED DAILY UNDERGROUND DEWATERING VOLUMES (M^3/DAY) FOR MELIADINE MINE 2-7
TABLE 3-1: ANNUAL DISCHARGE VOLUMES AND SOURCES. ACTIVE CLOSURE PHASE DISCHARGES HIGHLIGHTED IN GREY. 3-2
TABLE 3-2: ANNUAL DISCHARGE VOLUMES AND SOURCES. 3-5
TABLE 3-3: ANNUAL WATER BALANCE FOR THE WES03 PIT. 3-6
TABLE 3-4: ANNUAL WATER BALANCE FOR THE CP1 POND. 3-8
TABLE 3-5: ANNUAL WATER BALANCE FOR THE WES02 PIT. 3-13
TABLE 3-6: ANNUAL DEWATERING VOLUMES FOR OPEN PITS 3-15
TABLE 4-1: SUSPENDED SOLIDS COMPOSITION AND CONTRIBUTION TO TOTAL CONCENTRATIONS AT END-OF-PIPE 4-2
TABLE 4-2: MODEL PREDICTIONS AT END-OF-PIPE TO MELIADINE LAKE (EWTP) DURING OPERATIONS 4-3
TABLE 4-3: MODEL PREDICTIONS AT END-OF-PIPE TO ITIVIA HARBOUR (WATERLINE) DURING OPERATIONS 4-4
TABLE 4-4: MODEL PREDICTIONS AT END-OF-PIPE TO ITIVIA HARBOUR (WATERLINE) DURING ACTIVE CLOSURE 4-5
TABLE 4-5: SP6 POST CLOSURE PREDICTIONS COMPARED TO TERRESTRIAL GUIDELINES (AQUATIC GUIDELINES ARE PRESENTED FOR REFERENCE) 4-7
TABLE 4-6: CP1 POST CLOSURE PREDICTIONS COMPARED TO AQUATIC GUIDELINES 4-8
TABLE 4-7: PUMP01 POST CLOSURE PREDICTIONS COMPARED TO AQUATIC GUIDELINES 4-9
TABLE 4-8: PUMP02 POST CLOSURE PREDICTIONS COMPARED TO AQUATIC GUIDELINES 4-10
TABLE 4-9: PUMP03 POST CLOSURE PREDICTIONS COMPARED TO AQUATIC GUIDELINES 4-11
TABLE 4-10: PUMP04 POST CLOSURE PREDICTIONS COMPARED TO AQUATIC GUIDELINES 4-12
TABLE 4-11: F ZONE FLOODED PIT POST CLOSURE PREDICTIONS COMPARED TO AQUATIC GUIDELINES 4-13
TABLE 4-12: WES FLOODED PIT POST CLOSURE PREDICTIONS COMPARED TO AQUATIC GUIDELINES 4-14
TABLE 4-13: TIRI FLOODED PIT POST CLOSURE PREDICTIONS COMPARED TO AQUATIC GUIDELINES 4-15
TABLE 4-14: TIRI04 FLOODED PIT POST CLOSURE PREDICTIONS COMPARED TO AQUATIC GUIDELINES 4-16
TABLE 4-15: LAKE J1 POST CLOSURE PREDICTIONS COMPARED TO AQUATIC GUIDELINES 4-17

Glossary and Abbreviations

AGNICO EAGLE

Glossary and Abbreviations

Terminology used in this document is defined where it is first used. The following list will assist readers who may choose to review only portions of the document.

CP	Collection Pond
EOM	End of mining/end of Operations
EOP	End-of-pipe
EWTP	Effluent water treatment plant
FEIS	Final Environmental Impact Statement
MDMER	Metal and Diamond Mining Effluent Regulations
NWB	Nunavut Water Board
POPC	Parameter of potential concern
RCP4.5	Representative Concentration Pathway Scenario (4.5)
SETP	Saline effluent treatment plant
SP	Saline Contact Water Pond
STP	Sewage treatment plant
TDS	Total dissolved solids
TSF	Tailings storage facility
TSS	Total suspended solids
WBM	Site-wide water balance model
WBWQM	Site-side water balance and water quality model
WQM	Site-wide water quality model
WRSF	Waste rock storage facility

Plain Language Summary

AGNICO EAGLE

Plain Language Summary

The Meliadine Mine currently includes one underground mining area and open pits. While the full mine development plan was approved by the Nunavut Impact Review Board (NIRB) through Project Certificate No. 006, only select components initially advanced to the Type A Water Licence process. The previous Type A Water Licence (2AM-MEL1631) authorized mining at the Tiriganiaq open pits and underground operations.

The 2024 amended Water Licence expands this authorization to include the Wesmeg/Wesmeg North, Pump, F Zone, and Discovery deposits—areas already assessed in the 2014 Final Environmental Impact Statement and covered under Project Certificate No. 006.

In support of the current Water License modification application, the Water Balance and Water Quality Model (WBWQM) has been updated to reflect updates including changes to the PUMP area relative to the 2024 Nunavut Water Board (NWB) model (Lorax, 2024a), including earlier mining of the PUMP01 and PUMP02 pits in 2025, and inclusion of the PUMP underground mine, its contribution to the saline water balance and associated surface infrastructure, including an underground waste rock storage facility (WRSF) and ore pad. In addition, an update to the saline water management plan has been incorporated as well, with storage of saline water from the underground mines in TIRI02 and PUMP02 pits augmented by additional storage in the WES02 pit. Lake B7, once dewatered, will be utilized as a surge storage reservoir for surface contact water during high flow periods, and the CP2.5 sump will be constructed to capture TSF runoff and interflow along the northwestern boundary, routing to the saline storage system. Finally, once mining is completed in the WES03 pit it is utilized as an additional surface contact water storage reservoir, allowing further flexibility in site water management, with the objective of reducing total discharge volumes to Meliadine Lake.

The WBWQM fully incorporates the mine plan on a year-by-year basis, and includes annual changes to volume, area, and the characteristics of all mine infrastructure. In parallel, all water management infrastructure and activities are represented, with volumes and water quality predicted on a daily time-step. Two water ‘types’ are tracked in parallel within the model:

1. *Saline contact water* originating from underground dewatering and runoff from ore pads, saline waste rock storage facilities and a portion of the tailings storage facility; and

2. *Surface contact water* generated by the waste rock storage facilities, open pit walls, and other disturbed areas not related to underground mining operation.

The operation of ponds, pumps, water treatment systems and discharges to Meliadine Lake and Itivia Harbour are also represented within the model. Each mine component is assigned specific geochemical source terms and discharge concentrations to represent the predicted water quality for each component. These mine contact water flows are then transported within the model to collection sumps, and larger collection ponds where the various waters are mixed within the model prior to treatment and discharge. The model assumes that saline contact water is collected and treated to reduce ammonia-N and total suspended solids (TSS) concentrations and is subsequently discharged to Itivia Harbour. Surface contact water is treated for TSS, and discharged to Itivia Harbour, and then Meliadine Lake; discharge to Itivia Harbour is prioritized in the model, with the objective of minimizing discharge volumes to Meliadine Lake.

The model is run over a 100-year period to include the Operations, Active Closure, and post-Closure phases of the Meliadine Mine. The climate inputs used in the model reflect a variable climate condition, including the predicted climate change under the RCP4.5 scenario.

Under all conditions modeled, the mine water management infrastructure is shown to be capable of collecting, storing, and releasing the mine contact waters and saline waters in a controlled manner, according to the existing licenses and management plans. In addition, the WBWQM results indicate that the predicted Meliadine Mine volumes and water quality will remain within those presented in the 2014 Final Environmental Impact Statement (FEIS), and within the water license limits as prescribed in 2AM-MEL1631.

During the Operations phase, model predictions for the EWTP discharge to Meliadine Lake remain below the MDMER/Water License limits. Ammonia-N concentrations are predicted to be above discharge criteria to Itivia Harbour, and mitigation options (e.g., treatment) are currently being investigated. No other exceedances of are expected in effluent discharged to Meliadine Lake and Itivia Harbour during mine Operations.

1. Introduction

AGNICO EAGLE

1. Introduction

Agnico Eagle Mines Ltd. (Agnico Eagle) operates the Meliadine Gold Mine (Meliadine Mine), located 25 km North of Rankin Inlet in the Kivalliq region of Nunavut. The environmental assessment of the Meliadine Mine, resulting in the issuance of Project Certificate No.006 in 2015 by the Nunavut Impact Review Board (NIRB), included approval of a multi-phase approach to development, including mining of Tiriganiaq deposit using open pit and underground mining methods and mining of the Pump, F Zone, Discovery and Wesmeg deposits using open pit methods. Type A Water License 2AM-MEL1631 issued in 2016 was primarily for the Tiriganiaq deposit and associated infrastructure including, process plant, camp, tailings storage facility and waste rock storage facilities. The Water License was subsequently amended in 2024 to allow mining of all deposits (Tiriganiaq, Wesmeg/Wesmeg North, Pump, F Zone, and Discovery) to proceed until 2031, including the Tiriganiaq underground.

This model update includes the following changes to the mine plan submitted in the January 2024 Water License amendment application:

- The Waterline is online as of June 2026;
- The PUMP01 and PUMP02 pits are now mined earlier in mine life, beginning in 2025 (previously mined in 2029);
- Inclusion of the PUMP underground mine, beginning in 2026, along with an underground WRSF and ore pad located upgradient of the PUMP02 pit;
- The PUMP02 pit will be used as a saline water sump once mining is complete in mid-2025 and will be online to capture saline runoff from the underground WRSF in 2026;
- The WES02 pit will also be used as a saline water reservoir once mining is complete in 2026;
- The WES03 pit will serve as an intermediate surface contact water reservoir, with CP3, CP4, CP5, SP6, and STP discharge routed here, prior to discharge to Itivia Harbour via the Waterline;
- Once dewatered, Lake B7 will be utilized as a surge storage reservoir for surface contact water (SP6) during high flow periods, and will no longer be utilized as a saline storage reservoir; and,

- Sump CP2.5 will be constructed to capture TSF runoff and interflow along the northwestern boundary to prevent these flows from reporting to B7, and instead, will be routed to the saline storage system.

The mine plan represented in the updated WBWQM remains within the footprint and Meliadine Lake discharge volumes approved by NIRB in 2015, and by the Nunavut Water Board in 2024.

Lorax Environmental Services Ltd. (Lorax) was retained by Agnico Eagle to update the WBWQM to represent the minor mine plan changes listed above. The modelling effort described in this report builds upon and supersedes that presented in Lorax (2024). The reader is referred to that report for technical details on model setup, assumptions, calibration and validation. This memorandum presents only the information pertinent to the mine plan changes above, all other inputs and assumptions, as presented in Lorax (2024), remain applicable.

1.1 Report Structure

Following this introduction, the report is structured as follows:

- Section 2 describes the modifications to the mine plan included in the model update;
- Section 3 summarizes the water balance model results;
- Section 4 summarizes the water quality model results; and,
- Section 5 provides a summary of key findings.

2. Model Input Sources

2. Model Input Sources

Key model inputs and sources are described in this section, including the mine plan, water management schedule and assumptions for underground flows.

2.1 Meliadine Mine Plan

The Meliadine Mine timeline is as follows:

- Meliadine Mine Operations: 2019 to 2031 (End-of-Mine [EOM]);
- Active Closure: 2032 to 2038; and,
- Post-Closure: 2039 onwards (modelled to calendar year 2119).

The EOM mine layout (2031), including all delineated sub-catchments is presented in Figure 2-1. The full series of semi-annual layout maps are provided in Appendix A, and the annual water management wire diagrams are in Appendix B of this report.

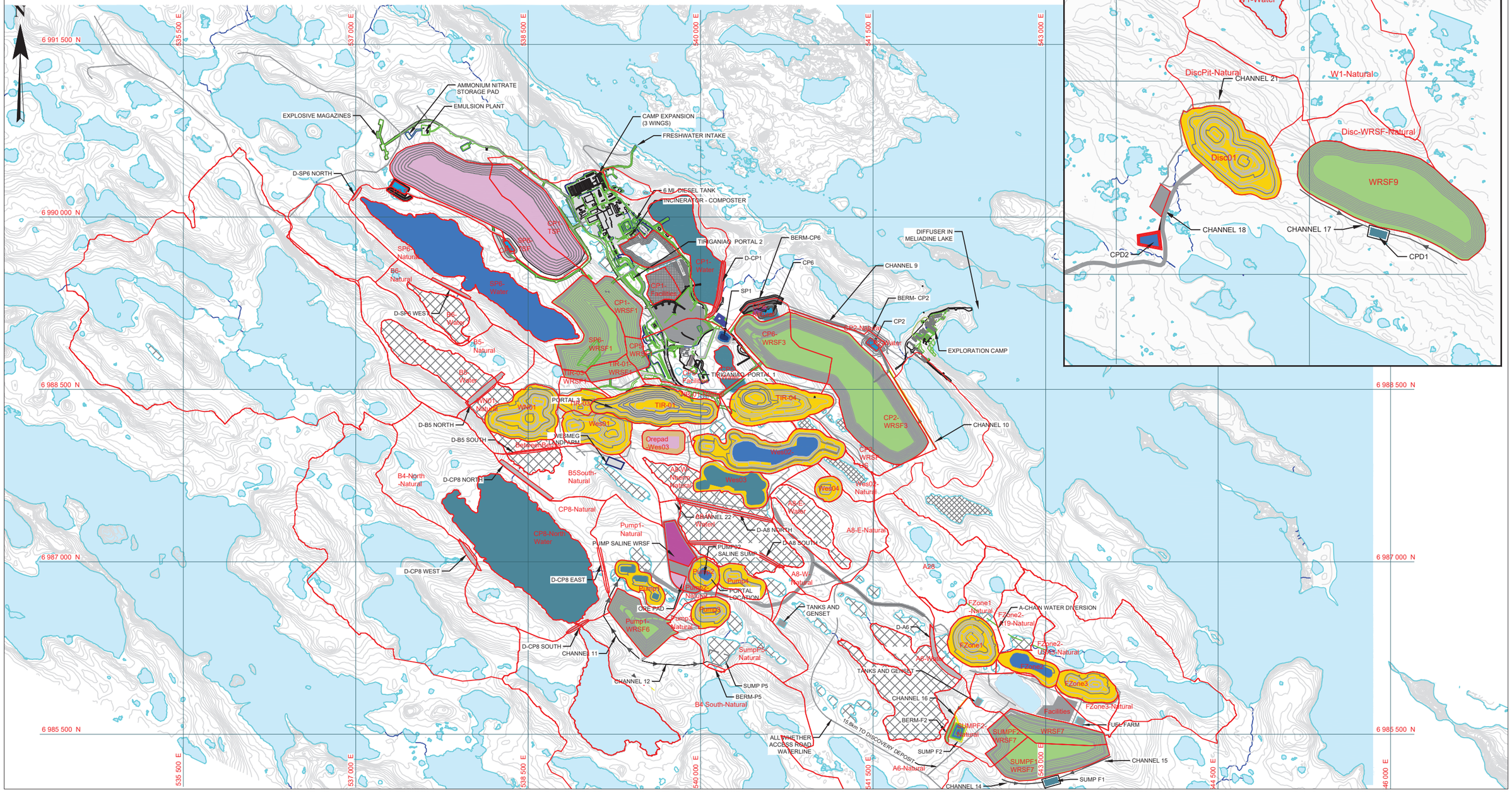
Mine plan updates are focused on the Pump area, associated saline water management, and use of select mined out pits as surface contact and saline water storage reservoirs (Table 2-1) as follows:

- The Waterline is online as of June 2026;
- PUMP01 and PUMP02 pits are mined in 2025;
- PUMP UG online in 2026, along with the PUMP underground WRSF and ore pad (Table 2-2);
    - Runoff from these features, along with the saline water encountered in the PUMP UG will be routed to the PUMP02 pit, which is mined out by May 2026. Saline water collected in the PUMP02 pit is then pumped to either TIRI02 pit or WES02 pit, for eventual discharge to Itivia Harbour.
- Collection of contact water from WRSF6 is simplified, with the Phase 1 footprint (2025-2028) runoff directly to PUMP01/CP9 via Channel 11, and runoff from the Phase 2 (2029-2030) footprint routed to either PUMP01 or SUMPP5 via Channel 12;
- The WES02 pit will also be used as a saline water reservoir once mining is complete in 2026, and treated discharges will be sent to Itivia Harbour via the Waterline;
- The WES03 pit will serve as an intermediate surface contact water reservoir, with flows from CP3, CP4, CP5, and the STP routed here, prior to treatment and discharge to Itivia Harbour via the Waterline;

- Once dewatered, Lake B7 will be utilized as a surge storage reservoir (SP6) for surface contact water during high flow periods;
- Sump CP2.5 will be constructed to capture TSF runoff and interflow along the northwestern boundary to prevent these flows from reporting to B7, and instead, will be routed to the saline storage system; and,
- TSF runoff will be routed to the underground mine void for the duration of the Active Closure phase (2032-2038).

Table 2-1:
Final open pit storage volumes.

Open Pit	Storage Volume to Spill Point (m^3)
TIRI01	8,811,361
TIRI02	9,483,964
PUMP01	1,005,067
PUMP02	962,338
PUMP03	1,686,914
PUMP04	1,223,339
WES01	2,653,794
WES02	10,067,130
WES03	3,098,940
WES04	290,583
WN01	9,873,505
FZONE01	6,366,823
FZONE02	1,380,520
FZONE03	1,617,968
Discovery	13,441,460



LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
- PIPE LINE
- DIVERSION CHANNEL
- CONTACT WATER POND
- SALINE POND
- WATER
- DEWATERED
- APPROVED DIFFUSER
- VENT RAISES
- OPEN PITS COMPLETED
- OPEN PITS IN PROGRESS
- TAILINGS STORAGE FACILITY IN PROGRESS
- WASTE ROCK STORAGE FACILITY COMPLETED

DATE SAVED:	Jun 06, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: **AGNICO EAGLE**

LORAX ENVIRONMENTAL

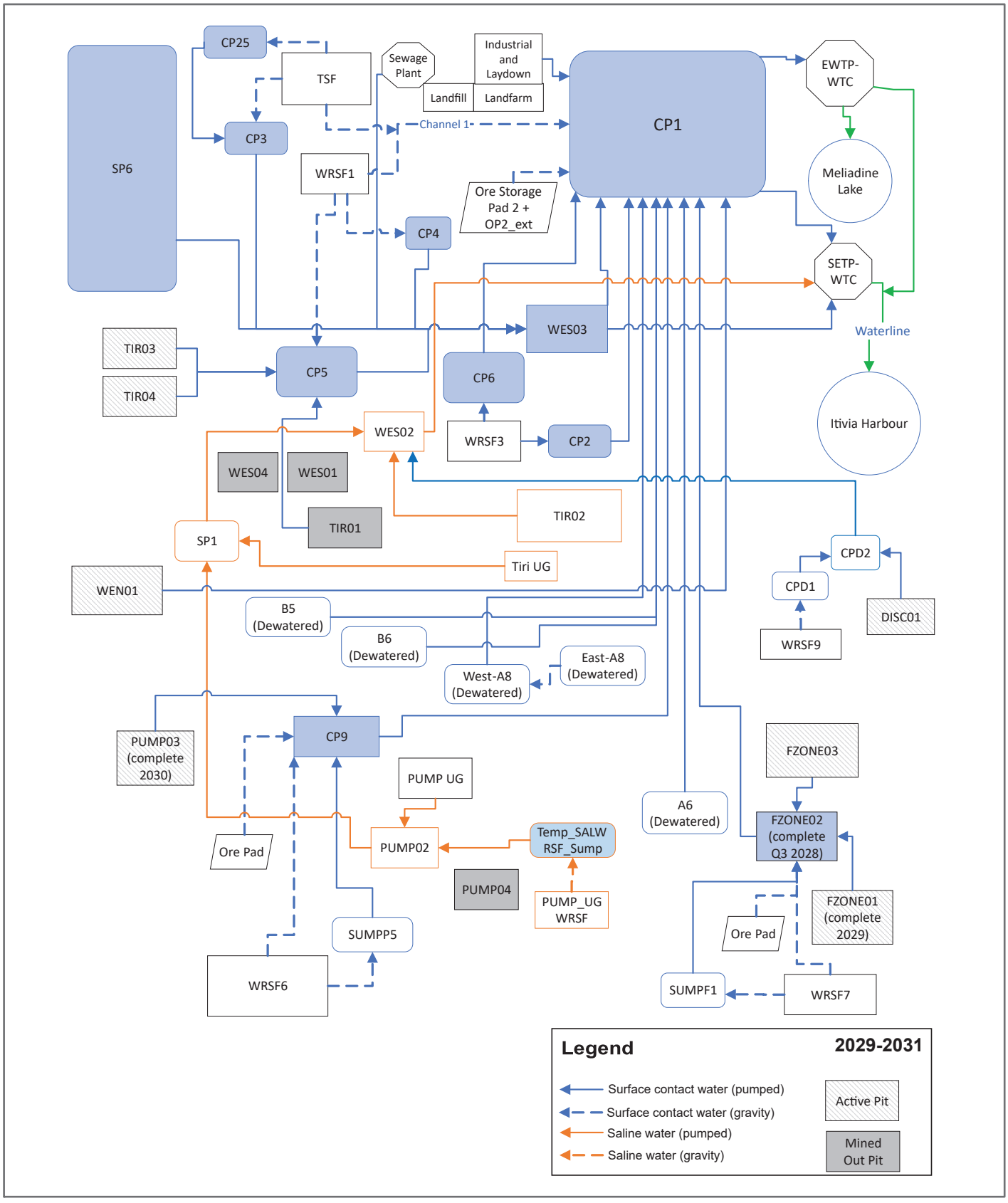
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2031

PROJECT #: A667-4

FIGURE: 2-1

P:\@Drafting\Meliadine\Drafting Figures\Autocad\Autocad Figures\NWB - June 2025\EOM WBM.dwg



DATE SAVED:	Jun 25, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT: **Meliadine Mine WB/WQM**

TITLE: Water Management Flow Diagram - 2029-2031

PROJECT #: A667-4

FIGURE: 2-2

P:\@202506\Meliadine\Drafting Figures\APRX\NWB Flow Diagrams_20250623.aprx

Table 2-2:
Open pit and underground mine water management schedule.

Calendar Year	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Mine Year	-4	-3	-2	-1	1	2	3	4	5	6	7	8
TIRI01	-	M	M	M	M	M	M	M	M	D	D	D
TIRI02	M	Saline contact water storage								M	M	D
TIRI03	-	-	-	-	-	-	-	-	-	M	M	M
TIRI04	-	-	-	-	-	-	-	-	-	M	M	M
TIRI UG	U	U	U	U	U	U	U	U	U	U	U	U
WES01	-	-	-	-	-	-	-	M	x	x	x	x
WES02	-	-	-	-	-	-	M	S	S	S	S	S
WES03	-	-	-	-	-	-	M	CW	CW	CW	CW	CW
WES04	-	-	-	-	-	M	x	x	x	x	x	x
WN01	-	-	-	-	-	-	-	-	-	M	M	M
PUMP01	-	-	-	-	-	M	CW	CW	CW	CW	CW	CW
PUMP02	-	-	-	-	-	M	M	S	S	S	S	S
PUMP03	-	-	-	-	-	-	-	-	M	M	M	x
PUMP04	-	-	-	-	-	-	-	-	-	M	x	x
PUMP UG	-	-	-	-	-	-	U	U	U	U	U	U
FZONE01	-	-	-	-	-	-	-	-	M	M	x	x
FZONE02	-	-	-	-	-	-	-	-	M	x	x	x
FZONE03	-	-	-	-	-	-	-	-	-	M	M	M
Discovery	-	-	-	-	-	-	-	-	-	M	M	M

M = Open pit mining and dewatering
D = finished mining (OP), still dewatering
U = Underground mining
x = finished mining (UG or OP), no dewatering
- = Pre-mining
S = Saline contact water storage
CW = Contact Water Storage

2.2 Underground Inflows

The predicted average daily inflows to the underground mine workings remain uncharged from the 2024 NWB submission (Lorax, 2024), except for the addition of inflows from the PUMP underground mine (Table 2-4; WSP 2024). Measured underground inflows are presented for the 2018-2024 period in Table 2-3. The base case predicted inflows for the Tirganiaq, Wesmeg and Wesmeg-North underground operations were subsequently adjusted to account for the calculated difference between the predicted and measured underground inflows over the 2020-2023 period. This is equivalent to an approximate ratio of *measured:predicted* ratio of 0.74. Further losses to ore moisture (assumed to equal 2%) of ore mass are also applied, resulting in the adjusted values in Table 2-4. The predicted PUMP UG inflow values were not adjusted prior to input to the model. Owing to the elevated TDS of the groundwater system dewatering of all underground mines will be managed to the saline water management system.

Table 2-3:
Monthly underground dewatering volumes (2018-2024). All values in m^3/day.

Month	2018	2019	2020	2021	2022	2023	2024
January	0	88	17	122	154	51	239
February	0	58	100	73	140	110	293
March	0	42	335	82	119	118	224
April	0	90	977	74	139	176	221
May	0	131	541	164	148	151	295
June	81	191	388	193	235	187	352
July	333	260	255	235	245	296	357
August	249	175	170	231	271	250	414
September	321	143	182	198	330	260	443
October	111	2	129	199	244	275	421
November	112	8	103	108	125	282	321
December	29	26	201	115	111	206	204
Average	**103**	**101**	**283**	**149**	**188**	**197**	**315**

Table 2-4:
Predicted daily underground dewatering volumes (m^3/day) for Meliadine Mine

Year	Tiriganiaq Deposit			Pump	Total
	Tiriganiaq	Wesmeg	Wesmeg-North		
2025	586	35	18	-	639
2026	909	51	16	25	1,001
2027	1,013	68	17	50	1,148
2028	894	77	17	75	1,063
2029	860	49	12	100	1,021
2030	849	42	14	125	1,030
2031	828	81	16	125	1,050

2.3 Closure Assumptions

In principle, the management of surface contact water and saline water follows the same logic as previously presented in the January 2024 NWB submission (Lorax, 2024), with the following updates noted for this submission:

- Any surface contact water remaining in SP6 and CP1 is pumped to TIRI04 via the EWTP to speed up pit flooding in early Active Closure;
- The Waterline is assumed to remain operational for the first three years of Active Closure (2032 through 2034), to allow the WES04 and PUMP01 pits to be dewatered. In addition, all saline water remaining in WES02, and remaining contact water in WES03 is pumped out via the Waterline over the 2032 to 2034 period, prior to flooding with Meliadine Lake water.
- TSF contact water reporting to the CP2.5, CP3, CP4, and CP5 sumps, and any TSF runoff reporting to Channel 1 are pumped to the underground void over the 2032 to 2038 period for permanent storage.

3. Water Balance Results

AGNICO EAGLE

3. Water Balance Results

Water balance model results are presented in this section, with a focus on the annual operational discharges to Itivia Harbour and Meliadine Lake (Section 1). Operations phase water balance time-series are provided for the key saline (TIRI02, PUMP02 and WES02) and surface contact water collection (CP1, WES03 and SP6) ponds, as well as tabular summaries of annual water balances for the remaining sumps, ponds, and open pits (Section 3.1).

As compared to the January 2024 submission, the following changes in the mine water management plan, and therefore the overall operational water balance and discharge volumes are highlighted:

- Waterline commissioning in June 2026 moves the discharge to Itivia Harbour back by one year;
- Addition of PUMP UG inflows, PUMP02 catchment runoff and PUMP Saline WRSF runoff to the saline water balance;
- Removal of CP8 collection pond reduces total volume of surface contact water;
- Use of SP6 as a surface contact water reservoir removes a significant volume of surrounding catchment runoff (including from the TSF) from the saline water management system, and adds it to the surface contact water system;
- Delaying the majority of dewatering of TIRI02 until 2027 and 2028 allows much more surface contact water to be discharged via the Waterline in 2026; and,
- Operation of Waterline to discharge any remaining surface contact water and saline water for the first three years of Active Closure.

3.1 Operational Mine Water Discharge to Itivia Harbour and Meliadine Lake

All surface contact water collected in the WES03 and CP1 Ponds is routed to the EWTP for treatment, targeting removal of TSS, before discharge to the receiving environment. Throughout Operations, discharge priority for surface contact water is via the Waterline to Itivia Harbour, with the objective of minimizing operational discharges to Meliadine Lake as outlined in the Adaptive Management Plan for Water Management. Under the Base Case RCP4.5 climate scenario, discharges to Itivia Harbour are predicted to be 2.04 Mm^3 per year while the Waterline is in operation with 0.45 Mm^3 per year on average comprised of saline water and 1.56 Mm^3 per year comprised of surface contact water (Figure 3-1 and Table 3-1).

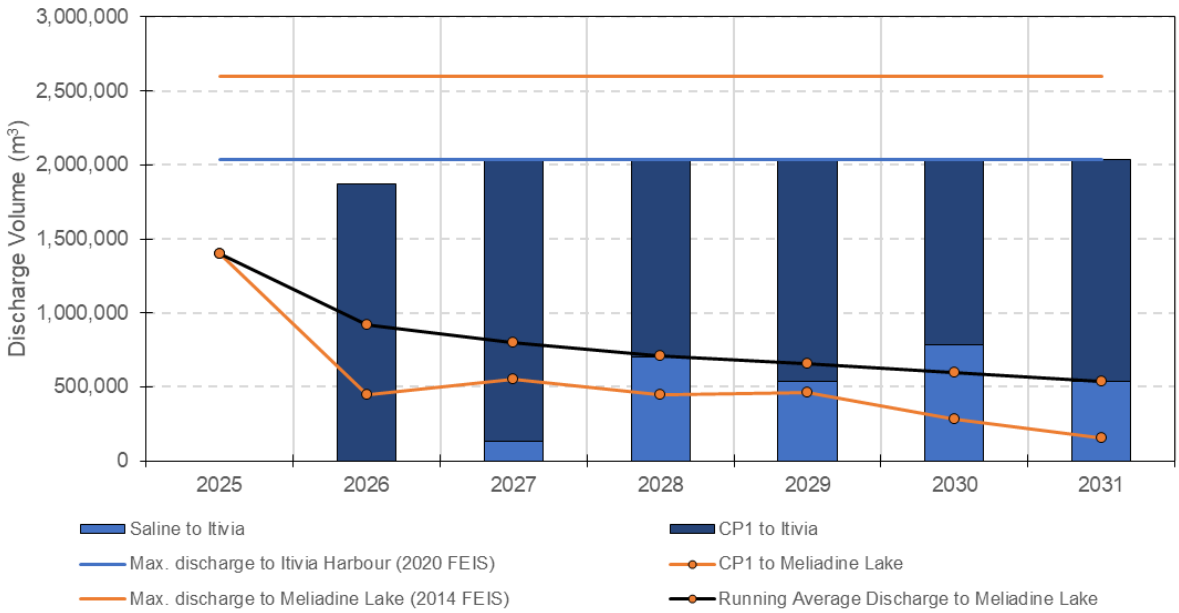


Figure 3-1: Annual discharges to Itivia Harbour and Meliadine Lake. The maximum predicted discharges to each receiver from the 2014 FEIS are presented for reference.

Table 3-1:
Annual discharge volumes and sources. Active closure phase discharges highlighted in grey.

Discharge	TIRI02 to WES02	WES02 to Itivia Harbour	Surface Contact to Itivia Harbour	Total Discharge to Itivia Harbour	Discharge to Meliadine Lake
Year	**m³**				
2025	0	0	0	0	1,359,000
2026	240,160	0	1,936,000	1,885,000	548,147
2027	1,093,684	193,404	1,898,000	2,039,404	464,203
2028	1,028,894	792,288	1,299,000	2,039,288	459,126
2029	0	579,815	1,511,000	2,039,815	484,839
2030	0	809,636	1,281,000	2,039,636	261,973
2031	0	564,103	1,527,000	2,040,103	151,152
2032	0	2,091,000	30,153	2,121,153	0
2033	0	517,876	1,573,000	2,039,876	0
2034	0	0	2,075,533	2,075,533	0
Total	**2,362,738**	**5,548,122**	**13,130,686**	**16,244,275**	**3,728,440**

Discharges to Meliadine Lake average 0.53 Mm^3/year over 2025-2031, with the peak annual discharge of 1.4 Mm^3 occurring in 2025 prior to the Waterline becoming operational.

The updated model shows slight changes to the annual discharge volumes relative to those presented in Lorax (2024) and summarized as follows:

- An overall decrease in the volume of saline water:
  - Slight increase in saline water generated by mine infrastructure from PUMP Underground inflows, and runoff from the PUMP saline WRSF, ore pad, and additional pit wall and catchment runoff reporting to PUMP02, which functions as a saline pond beginning in 2026 (Figure 3-2); and,
  - However, these increases are offset by the removal of SP6 and surrounding catchment flows from the saline water management system. This change results in a net decrease in saline water volumes requiring treatment (Table 3-2).
- Reduced discharges to Meliadine Lake via the EWTP (Figure 3-4; Table 3-2):
  - Increased proportion of total Waterline discharge comprised of treated surface contact water (via the EWTP; Figure 3-3; Table 3-2)
  - Delayed dewatering of TIRI02 pit allows for the prioritization of surface contact water for discharge to Itivia Harbour (Figure 3-2).

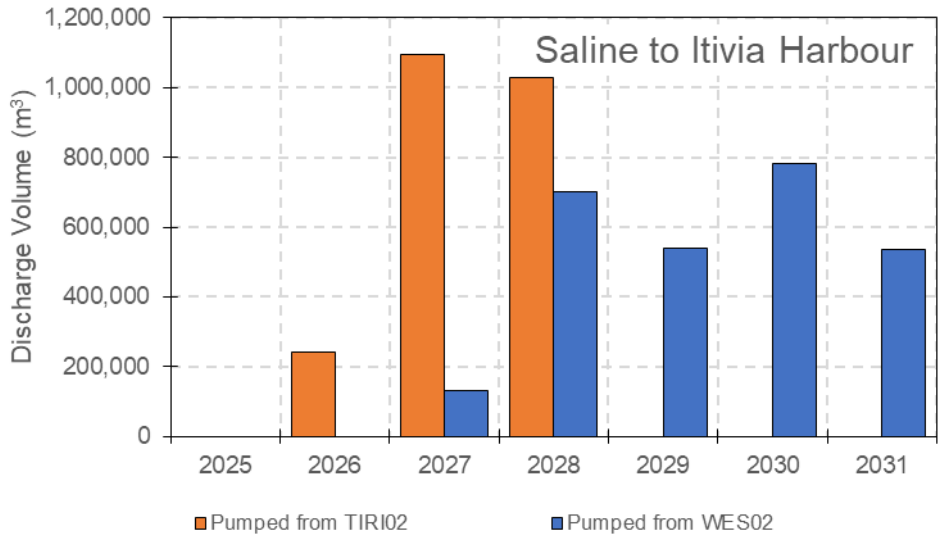


Figure 3-2: Annual saline water discharges to Itivia Harbour.

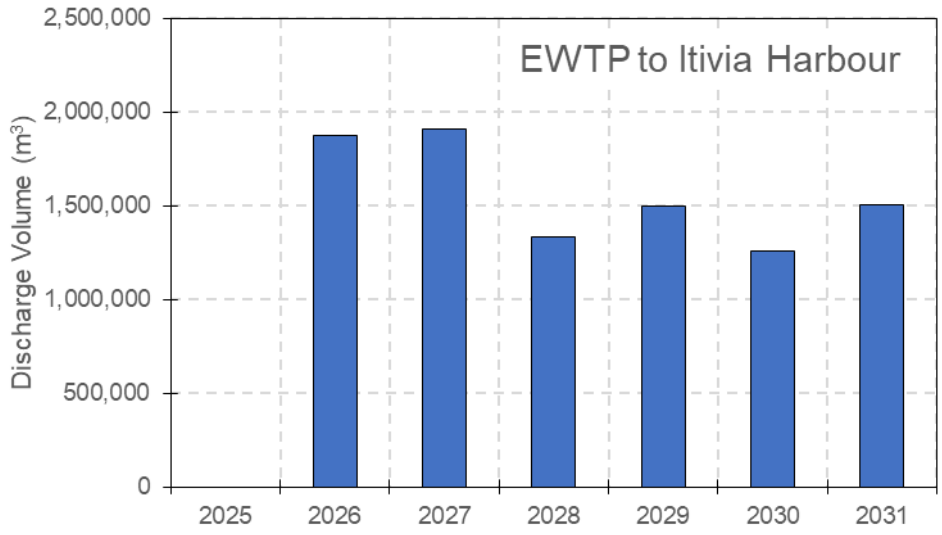


Figure 3-3: Annual surface contact water (EWTP) discharges to Itivia Harbour.

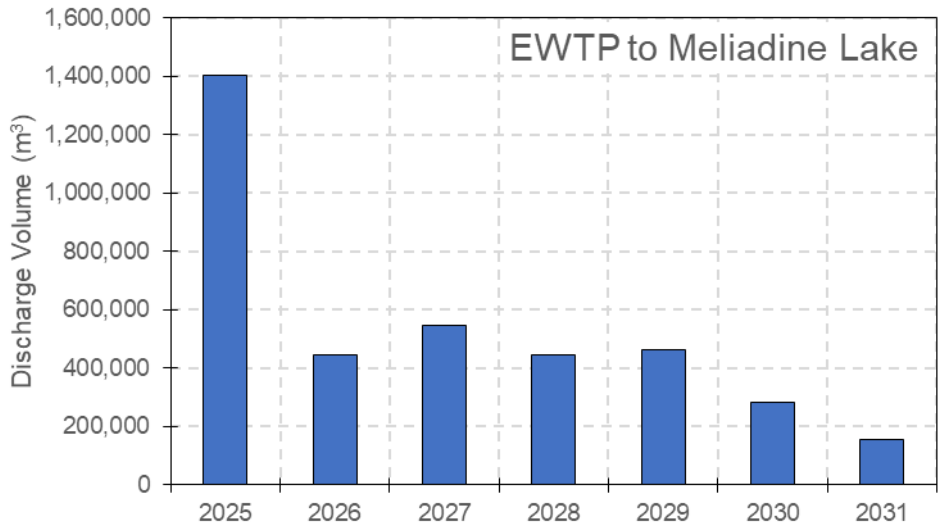


Figure 3-4: Annual EWTP discharges to Meliadine Lake.

Table 3-2:
Annual discharge volumes and sources.

Discharge Metric	Phase	2024 Submission	Current Prediction	Percent Change
		m^3		
Saline Discharge to Itivia Harbour	Operations	7,964,201	5,301,984	-58%
EWTP (Contact Water) to Itivia Harbour	Operations	6,161,855	9,452,000	34%
Total Discharge to Itivia Harbour	Operations	14,126,056	15,022,492	-17%
EWTP (Contact Water) to Meliadine Lake	Operations	6,959,386	3,736,372	-86%
Total Discharge (Saline + Contact Water)	Operations	21,085,441	15,760,469	-34%
Total Discharge (Saline + Contact Water)	Operations + Closure	21,085,441	19,972,715	-6%

3.2 Surface Water Collection Ponds

This section summarizes the water balances for the key surface contact water collection ponds (WES03, SP6 and CP1) for the Operations phase.

3.2.1 WES03

The WES03 pit is mined in 2026 and is dewatered to CP1 during this period. The WES03 pit will have an effective storage volume of 3.1 Mm^3 once mined out, and beginning in 2027, this pit will be utilized as a surface contact water storage reservoir. Discharges from the STP, SP6, CP3, CP4 and CP5 ponds will be routed to this pit, which is pumped out to the SETP for treatment prior to discharge to Itivia Harbour via the Waterline. Note that the new CP2.5 sump that collects TSF contact water is routed to CP3 from 2026 onwards (Figure 2-2).

The predicted daily volume of surface contact water stored in WES03 pit shown in Figure 3-5. In Active Closure, 3.07 Mm^3 of surface contact water is routed through WES03 to the Waterline for discharge to Itivia Harbour over the 2032-2034 period.

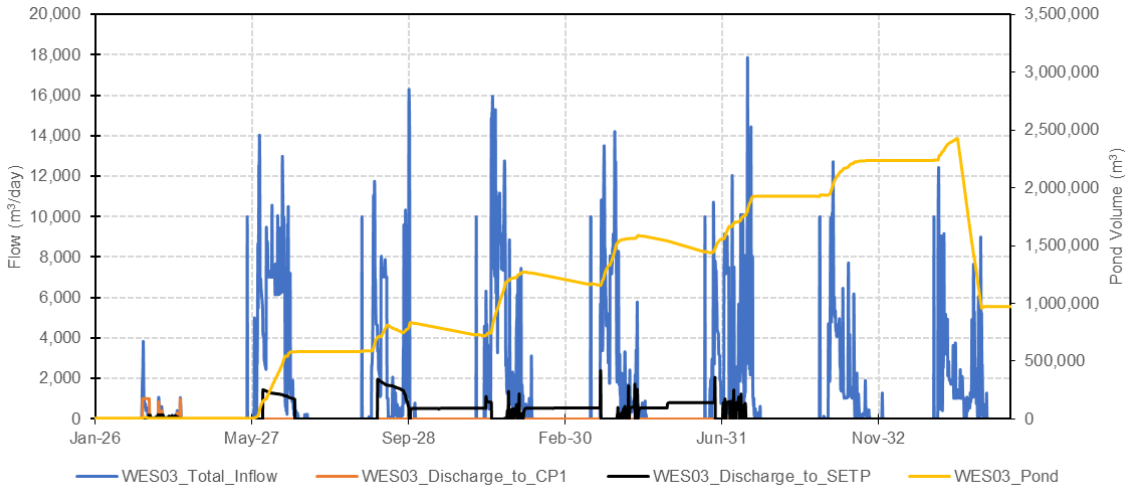


Figure 3-5: Daily time-series of inflows and outflows for the WES03 pit, and corresponding volume of surface contact water stored in pit for the Operations phase.

Table 3-3:
Annual water balance for the WES03 pit.

Year	Annual Volumes (m³)					
	Routed to WES03					Discharge to SETP
	STP	CP3	CP4	CP5	SP6	
2025	109,135	67,346	35,448	131,156	0	0
2026	109,135	77,042	55,256	159,529	0	6,930
2027	109,135	72,393	48,312	188,956	372,000	123,666
2028	109,434	60,900	42,597	141,248	150,000	201,076
2029	109,135	76,356	46,039	273,440	192,000	158,591
2030	109,135	62,884	36,631	236,614	132,000	161,899
2031	109,135	78,652	55,885	280,651	156,000	163,643
2032	109,434	71,580	62,971	139,901	0	0
2033	109,135	78,421	65,343	133,614	0	1,558,000
2034	109,135	71,758	74,661	138,968	0	1,508,542
Average[1]	**109,178**	**70,796**	**45,739**	**201,656**	**200,400**	**431,372**
% Total Inflow[1]	**17%**	**11%**	**7%**	**32%**	**32%**	

Notes:
[1] Average inflows and percent of total inflow calculated as aggregate of all years with water pumped to WES03.

3.2.2 PUMP01/CP9

Once mined out in Q3 2026, the PUMP01 pit is used as a local surface contact water pond (CP9), routing to CP1. On average, 135,000 m³ is pumped from CP9 to CP1 over the 2027 to 2031 period (Figure 3-7).

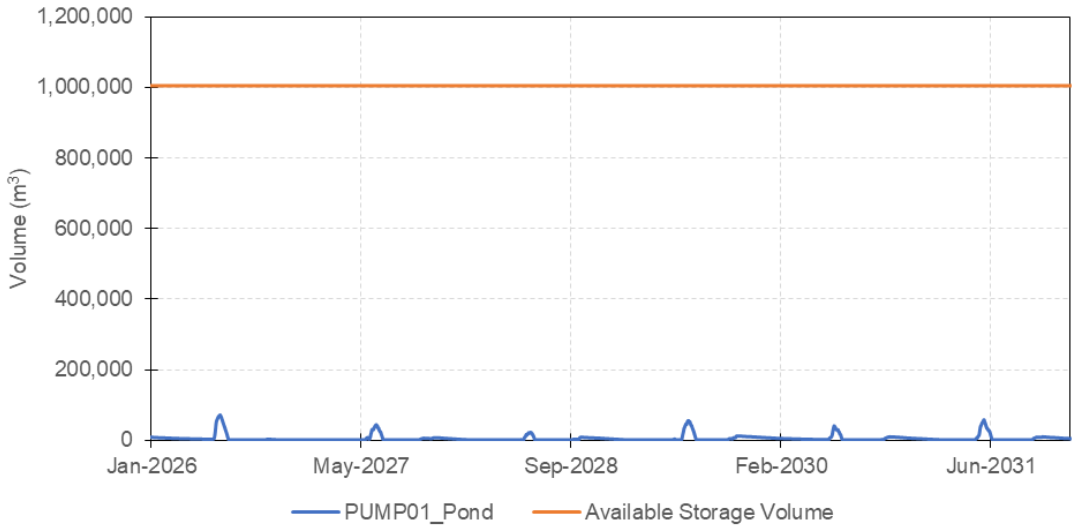


Figure 3-6: PUMP01/CP9 pond volume and available storage volume for Operations phase.

3.2.3 FZONE02

Once mined out in Q3 2028, the FZONE02 pit is used as a local surface contact water pond, routing to CP1. 171,000 m^3 is pumped from FZONE02 to CP1 over the 2028 (Figure 3-7).

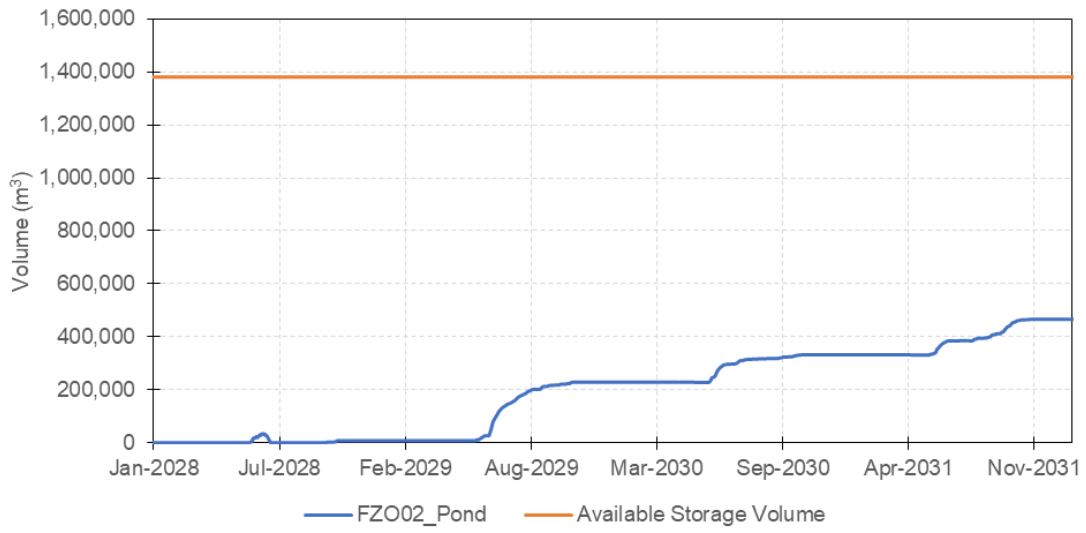


Figure 3-7: FZONE02 pond volume and available storage volume for Operations phase.

3.2.4 Collection Pond CP1

CP1 is currently the primary surface contact water collection pond, with all excess water routed to the EWTP prior to discharge to Itivia Harbour and Meliadine Lake. The maximum predicted storage volume (628,000 m^3; Figure 3-8) occurs in 2027 due to the expanded mine footprint, and priority use of the Waterline for dewatering of TIRI02. The corresponding predicted water level of 65.8 m remains lower than the Maximum Operating Water Level (MOWL) of 66.2 m (742,075 m^3; Figure 3-8). During the Active Closure phase, the mine site is managed as a zero-discharge facility, with all CP1 inflows routed to TIRI02/04 open pit. Beginning in the post-Closure phase, volumes in the CP1 pond are allowed to fluctuate naturally, with outflows reporting via pre-mine drainage pathways to Meliadine Lake.

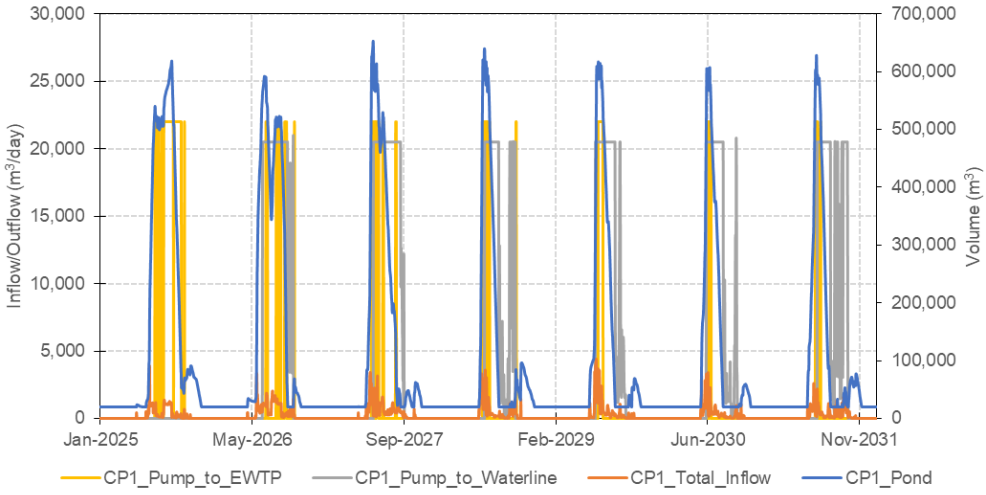


Figure 3-8: Volumes, inflows, and outflows to the CP1 Pond for the Operations phase.

Table 3-4:
Annual water balance for the CP1 pond.

Year	Annual Volumes (m^3)							
	Routed to CP1							
	Runoff[1]	TSF[2]	WRSF1[3]	CP2	CP2.5	CP6	PUMP01/CP9	WES03
2025	265,332	53,400	6,729	108,048	34,750	49,797	56,908	0
2026	255,144	69,715	9,481	110,333	37,933	81,118	128,880	26,152
2027	291,484	111,023	9,285	120,494	36,727	66,496	140,029	0
2028	270,278	93,209	6,337	105,825	31,263	55,658	123,773	0
2029	313,194	134,419	7,325	118,142	37,241	54,702	159,410	0
2030	264,199	107,237	4,202	106,845	31,316	50,844	111,759	0
2031	281,358	70,140	13,805	113,892	38,883	80,983	145,673	0
Average Inflow[1]	**277,284**	**91,306**	**8,166**	**111,940**	**35,445**	**62,800**	**123,776**	**4,359**
% Total Inflow[1]	**39%**	**13%**	**1%**	**16%**	**5%**	**9%**	**17%**	**1%**

Notes:[1] Average inflows and percent of total inflow calculated as aggregate of all years with water pumped to CP1.

3.2.5 Collection Pond SP6

Lake B7 is dewatered in 2027 to serve as a backup surface contact water storage reservoir (SP6). Previously, this pond was intended to function as the primary saline water storage reservoir, but further optimization of the water management plan was undertaken with the objective of reducing the overall volume of saline water requiring discharge via the Waterline, thus freeing up capacity to route additional volumes away from the Meliadine Lake discharge point. Accordingly, water collected in SP6 is routed to WES03 for discharge via the Waterline.

A total of 1 Mm^3 of surface contact water is pumped from SP6 to WES03 over the 2027 to 2031 period, and the maximum predicted volume stored in SP6 over the Operations phase is 225,000 m^3 in 2027 (Figure 3-9).

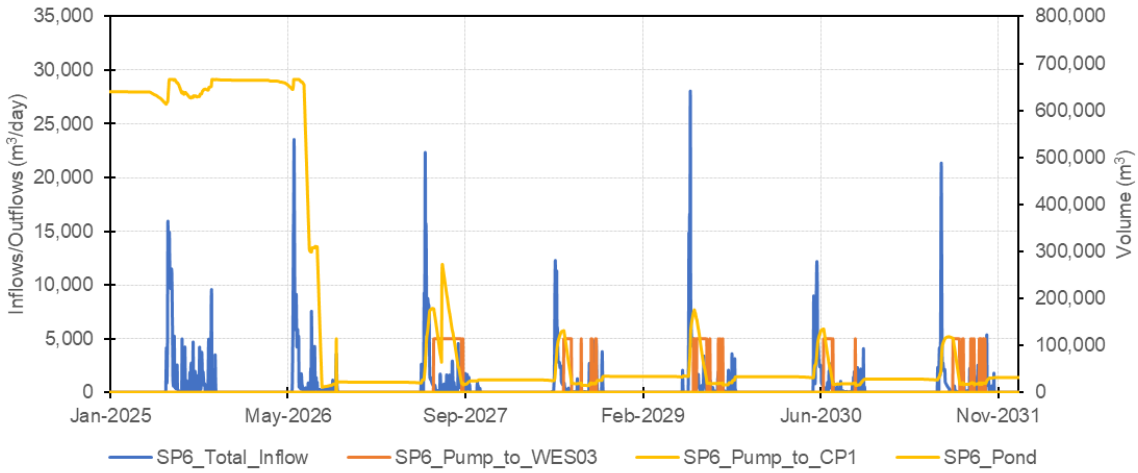


Figure 3-9: Volumes, inflows, and outflows to the SP6 Pond for the Operations phase.

3.3 Saline Water Collection Ponds

This section summarizes the water balances for key saline contact water collection ponds (TIRI02, PUMP02 and WES02) over the Operations phase.

3.3.1 TIRI02

The saline contact water management system collects dewatering flows from the underground operation, PUMP underground WRSF, and ore pads. Early in the Operations phase (up to end-2025), the Waterline is not in place, and WES02, the primary saline contact water storage pond, is not available until the end of 2026. The TIRI02 pit currently serves as the primary saline contact water storage pond until it is fully dewatered in 2028, with a maximum predicted pond volume of 1.49 Mm^3 in June 2027, below the available

storage volume of 1.6 Mm^3 (Figure 3-10). The dewatering of TIRI02 proceeds over a 3-year period from 2026-2028, with a total of 2.36 Mm^3 discharged via the Waterline to Itivia Harbour over this period. The dewatering of TIRI02 is extended in the updated water management plan to free up more capacity in the Waterline, allowing a larger proportion of treated surface contact water to be discharged to Itivia Harbour, thus reducing the overall discharge volumes to Meliadine Lake.

Mining of TIRI02 pit then resumes in 2029-2031, with all pit inflows routed to CP1 (Figure 3-11).

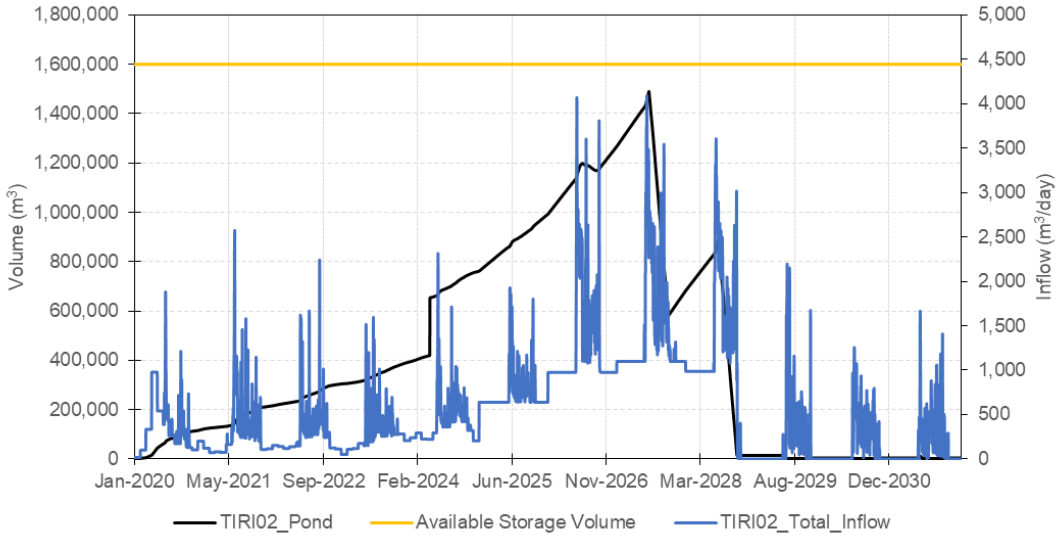


Figure 3-10: Time series of pond volume and inflows for the TIRI02 Pond during early Operations period.

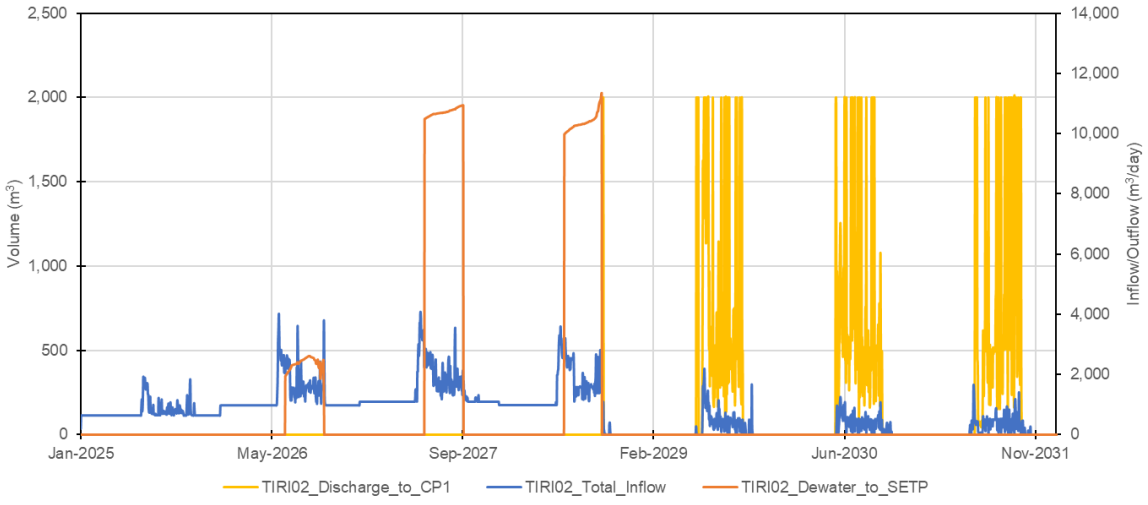


Figure 3-11: Inflows and outflows to the TIRI02 Pit for the Operations phase.

3.3.2 PUMP02

Once mined out in 2026, the PUMP02 pit will have an effective storage volume of 962,000 m^3 and will also be utilized as a saline water reservoir, collecting runoff from the PUMP underground WRSF and excess saline water from the PUMP underground mine (refer to Table 2-4). All saline water collected in PUMP02 is routed to TIRI02 until the end of 2028. Once TIRI02 has been dewatered and mining of this pit has resumed, saline water stored in PUMP02 is routed to WES02 for the remainder of the Operations phase (Appendix B; Figure 2-2). The predicted inflows and volume of surface contact water stored in PUMP02 pit are shown in Table 3-5, Figure 3-12 and Figure 3-13.

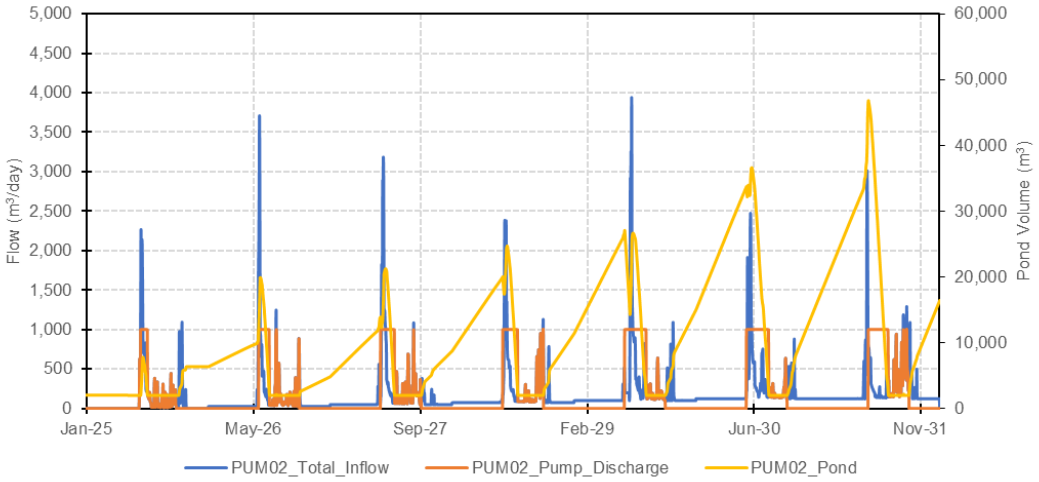


Figure 3-12: Daily time-series of inflows and outflows for the PUMP02 pit, and corresponding volume of saline water stored in pit.

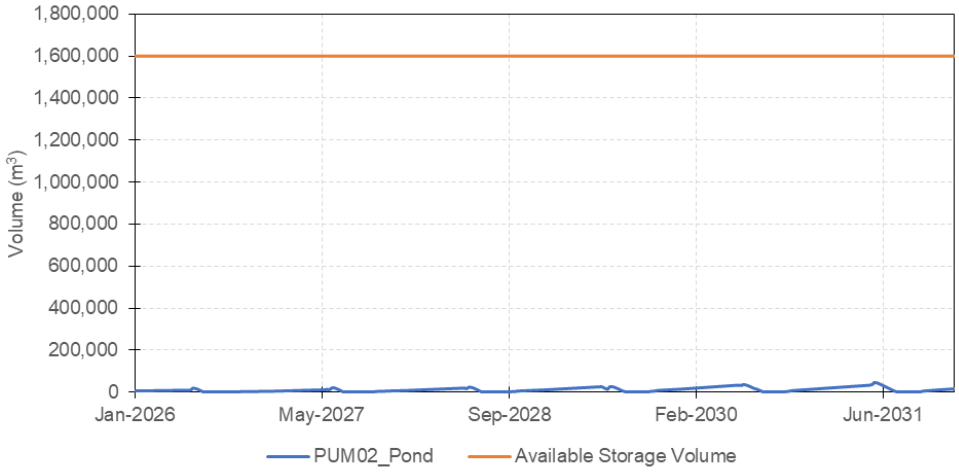


Figure 3-13: PUMP02 pond volume and available storage volume for Operations phase.

3.3.3 WES02

The WES02 pit is mined in 2026, with 113,000 m^3 of pit inflows pumped to CP1 for treatment and discharge. Once WES02 is mined out, it serves as a saline water storage reservoir, in place of SP6, which was previously intended to be the primary saline water storage reservoir in past water management plans. Over the remainder of the Operations phase (2027 to 2031), approximately 2.8 Mm^3 of saline water is routed to WES02 and then transferred to the SETP for treatment and discharge via the Waterline. The predicted volume of water stored in WES02 is shown in Figure 3-15.

The remainder of the saline water stored in the WES02 pit is discharged via the Waterline in 2032 (2.09 Mm^3) and 2033 (520,000 m^3) in the first two years of the Active Closure phase.

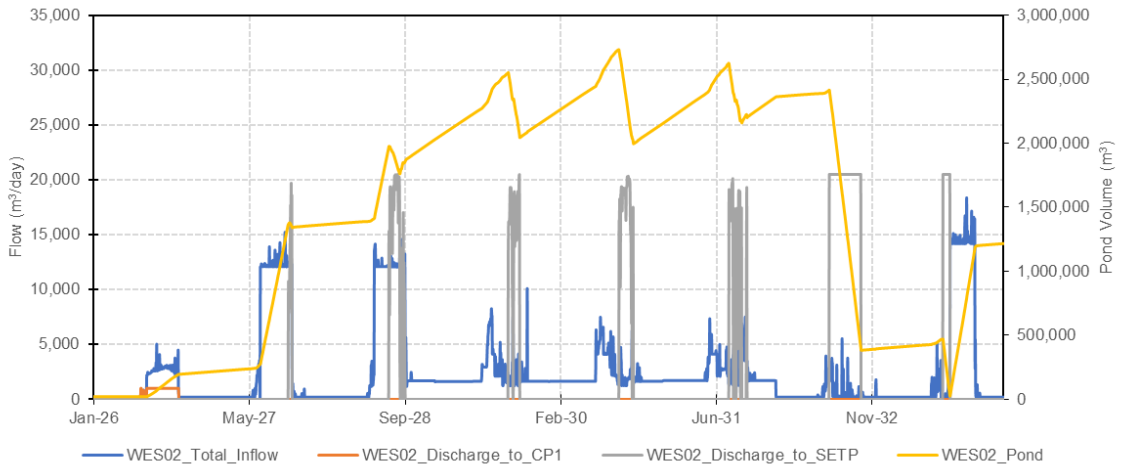


Figure 3-14: Daily time-series of inflows and outflows for the WES02 pit, and corresponding volume of surface contact water stored in pit for the Operations and early Active Closure phases.

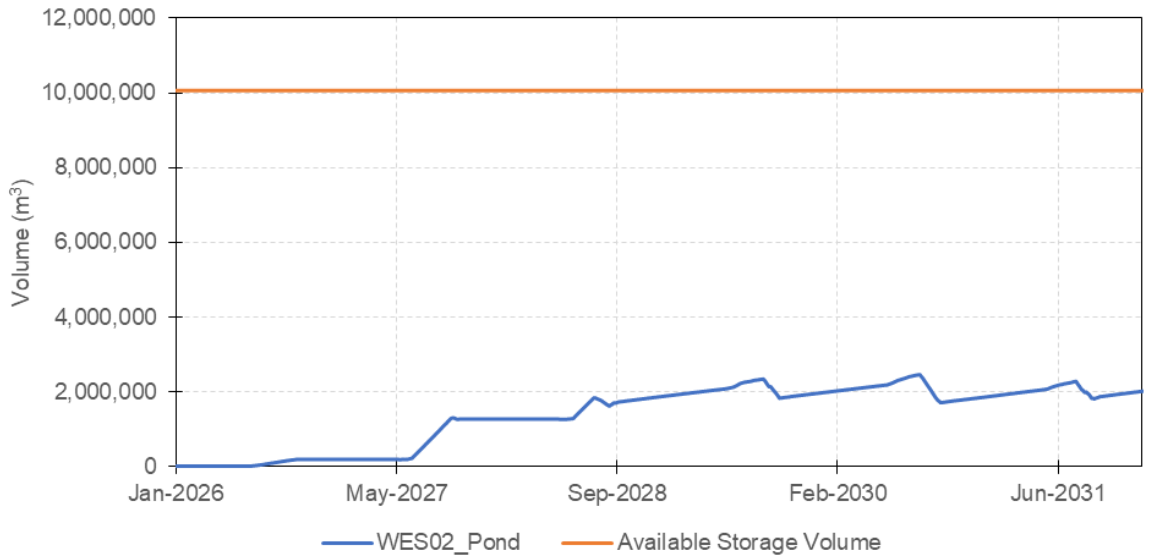


Figure 3-15: WES02 pond volume and available storage volume for Operations phase.

Table 3-5:
Annual water balance for the WES02 pit.

Year	Annual Volumes (m³)				
	Routed to WES02				Discharge to SETP
	TIRI02	PUMP02	CPD1	UG	
2025	0	0	0	0	0
2026	192,985	46,118	0	0	0
2027	1,112,677	57,129	0	0	180,217
2028	1,057,845	61,597	0	0	777,125
2029	0	76,790	625,000	372,665	532,525
2030	0	77,834	755,000	375,950	786,783
2031	0	96,528	675,000	383,250	521,333
2032	0	0	0	0	2,091,000
2033	0	0	0	0	533,000
Average[1]	**787,835**	**69,333**	**685,000**	**377,288**	**774,569**
% Total Inflow[1]	**41%**	**4%**	**35%**	**20%**	

Notes:
[1] Average inflows and percent of total inflow calculated as aggregate of all years with water pumped to WES02.

3.4 Open Pit Dewatering During Mining

The annual total pit dewatering volumes during the mining phases of each pit are presented in Table 3-6, along with the dewatering period averages. For the pits that are used as storage reservoirs once mined out (*i.e.*, PUMP01, PUMP02, WES02 and WES03), the volumes shown are representative of only the mining dewatering period. The annual water balances and daily time-series flows for these four pits are presented in separate sections above. For those pits mined over multiple years, the WN01 pit has the highest average dewatering rat, followed by TIRI02 and Discovery Pit. One and two-year average rates are higher for WES02, FZONE01 and FZONE02 pits.

3.5 Active Closure Water Management

During the Active Closure phase, the site is maintained with zero discharge to Meliadine Lake, and 3 years of predicted discharge to Itivia Harbour via the Waterline to drain the accumulated water in PUMP01, WES02, WES03 and WES04. TSF contact water reporting to the CP2.5, CP3, CP4, and CP5 sumps, and any TSF runoff reporting to Channel 1 are pumped to the underground void over the 2032 to 2038 period for permanent storage, totaling 1.07 Mm^3. All remaining surface contact water from the PUMP and FZONE areas is pumped to CP1, which is routed to TIRI02/04 to speed the flooding process. There is no discharge of treated surface contact water to Meliadine Lake over the Active Closure phase.

Given that there are no changes in pit volumes relative to those presented in Lorax (2024), the overall pit flooding strategy and timeline remains the same. Consistent with Lorax (2024), and Condition 2, Part E of Water License 2AM-MEL1631, pumping of Meliadine Lake water remains within the maximum prescribed limit of 8,676,481 m^3/year over the seven-year Active Closure period.

Table 3-6:
Annual dewatering volumes for open pits

Year	Annual Dewatering Volumes (m^3)																
	TIRI01	**TIRI02**	**TIRI03**	**TIRI04**	**WN01**	**WES01**	**WES02**	**WES03**	**WES04**	**PUMP01**	**PUMP02**	**PUMP03**	**PUMP04**	**FZONE01**	**FZONE02**	**FZONE03**	**Discovery**
2025	46,921	0	299	0	0	0	0	0	4,000	56,908	31,626	0	0	0	0	0	0
2026	48,878	0	1,278	0	34,500	0	112,657	26,152	0	0	46,458	0	0	0	0	0	0
2027	50,620	0	321	0	85,500	27,527	0	0	0	0	57,833	0	0	0	0	0	0
2028	44,086	8,000	288	0	66,000	0	0	0	0	0	0	18,000	0	77,000	190,938	0	0
2029	50,234	99,587	14,663	28,000	93,000	0	0	0	0	0	0	29,000	19,000	88,000	0	43,000	42,000
2030	42,902	81,905	23,973	45,000	85,500	0	0	0	0	0	0	18,000	0	0	0	40,000	81,000
2031	48,484	96,596	24,933	53,000	94,500	0	0	0	0	0	0	0	0	0	0	32,000	60,000
Average	47,446	71,522	9,394	42,000	76,500	27,527	112,657	0	4,000	56,908	45,305	21,667	19,000	82,500	190,938	38,333	61,000

Notes:
[1] TIRI02 pit water (not saline) is discharged to CP8 once mining resumes in 2025.
[2] Averages are calculated for the active dewatering periods only.

4. Water Quality Model Results

AGNICO EAGLE

4. Water Quality Model Results

This section presents water quality model results for the Meliadine Mine NWB WBWQM. Model predictions are compared against applicable guidelines as a screening tool to identify parameters of potential concern (POPCs). During Operations, model predictions at the end-of-pipe (EOP) to Meliadine Lake (EWTP) are screened against effluent discharge limits outlined in the Type A Water License (2AM-MEL1631) for the Meliadine Mine and MDMER, while discharges to Itivia harbour are screened against MDMER only. The complete model outputs for all mine phases are presented in Appendix C.

4.1 Operations

During Operations, TSS in mine effluent will be controlled by the SETP and EWTP for saline and freshwater discharges, respectively. For the purposes of water quality predictions, it is assumed that treated effluent is at the MDMER maximum monthly mean concentration of 15 mg/L TSS. The differences in total and dissolved concentrations generated by this assumption were calculated in Lorax (2022) and are shown in Table 4-1. These values are added to dissolved concentrations predicted for Meliadine Lake and Itivia Harbour discharges. Dissolved and total predictions at EWTP and Waterline are provided in Appendix C.1. Water quality predictions for other model nodes present during Operations are provided in Appendix C.2.

Summary statistics are presented for EWTP and Waterline with comparison to EOP guidelines. Consistent with the January 2024 submission, model predictions for the EWTP remain below MDMER/Water License limits (Table 4-2), while model predictions of untreated water for the Waterline remain below MDMER with the exception of ammonia-N (Table 4-3). Options for treatment are being investigated.

4.2 Active Closure

The Waterline remains available for the first three years of Active Closure (2032 to 2034), with discharges of remaining contact and saline water stored in pits to Itivia Harbour planned in the months of June to September. This is proposed as an adaptive management measure to position the site to meet closure water quality objectives. These assumptions will continue to be refined with site monitoring data and all details will be provided in the Final Closure Reclamation Plan. During Active Closure, the predicted concentrations of POPCs at the Waterline remain below EOP guidelines with the exception of ammonia-N (Table 4-4). It is noted that these results are distinct from the January 2024 submission which show concentrations for all POPCs below EOP guidelines, due to the previous

submission assuming that no saline underground water would be discharged in Active Closure. Similar to the Operations phase Waterline predictions, the ammonia-N concentrations modelled are reflective of no treatment, however, Agnico is actively working on a treatment solution for these discharges. No discharge occurs via the EWTP to Meliadine Lake during the Active Closure phase.

Table 4-1:
Suspended Solids Composition and Contribution to Total Concentrations at End-of-Pipe

Element	Particulate Composition	Particulate Fraction Concentration (mg/L) per 15 mg/L of Total Suspended Solids
	ppm	*mg/L*
Silver (Ag)	0.057	0.000000855
Aluminum (Al)	62,700	0.941
Arsenic (As)	65.7	0.000985
Barium (Ba)	261	0.00392
Beryllium (Be)	0.562	0.00000843
Calcium (Ca)	46,300	0.695
Cadmium (Cd)	0.199	0.00000298
Cobalt (Co)	29.8	0.000446
Chromium (Cr)	139	0.00209
Copper (Cu)	70.4	0.00106
Iron (Fe)	74,100	1.11
Mercury (Hg)	0.0917	0.00000138
Potassium (K)	9,700	0.145
Magnesium (Mg)	22,300	0.335
Manganese (Mn)	847	0.0127
Molybdenum (Mo)	0.716	0.0000107
Sodium (Na)	13,500	0.203
Nickel (Ni)	71.6	0.00107
Lead (Pb)	7.19	0.000108
Antimony (Sb)	0.765	0.0000115
Selenium (Se)	0.724	0.0000109
Strontium (Sr)	184	0.00275
Thallium (Tl)	0.188	0.00000282
Uranium (U)	0.658	0.00000986
Vanadium (V)	129	0.00194
Zinc (Zn)	84.7	0.00127
Radium (Ra-226)*	0.00812	0.000000122

*In units of Bq/kg and Bq/L for particulate composition and particulate fraction concentration per 15 mg/L total suspended solids, respectively.

Table 4-2:
Model Predictions at End-of-Pipe to Meliadine Lake (EWTP) During Operations

Constituents	Unit:	Summary Statistics for EWTP during Operations (2024-2031)					NWB Water Licence/MDMER
		Min*	P10*	Mean*	P90*	Max	
Major Ions							
TDS	mg/L	20	43	290	746	1,745	3,500
Cl	mg/L	8.0	19	132	352	843	-
F	mg/L	0.0035	0.0061	0.040	0.10	0.19	-
SO_4	mg/L	2.6	5.8	37	96	215	-
Nutrients and Cyanide							
NH_3-N	mg/L	0.051	0.16	1.0	2.7	6.6	14
NO_3-N	mg/L	0.12	0.33	2.6	7.7	18	-
NO_2-N	mg/L	0.0025	0.0045	0.031	0.075	0.17	-
P	mg/L	0.0009	0.0019	0.073	0.20	0.65	2
CN	mg/L	0.000042	0.000086	0.00076	0.0023	0.0050	0.5
Total Element							
Ag	mg/L	0.0000011	0.0000012	0.0000034	0.0000082	0.000014	-
Al	mg/L	0.94	0.94	0.94	0.95	0.95	2
As	mg/L	0.0012	0.0015	0.0049	0.012	0.029	0.3
Ba	mg/L	0.0049	0.0051	0.013	0.028	0.052	-
Be	mg/L	0.0000087	0.0000089	0.000013	0.000021	0.000033	-
Ca	mg/L	2.0	2.8	16	43	100	-
Cd	mg/L	0.0000043	0.0000051	0.000018	0.000039	0.000078	-
Co	mg/L	0.00049	0.00055	0.0012	0.0027	0.0060	-
Cr	mg/L	0.0021	0.0021	0.0022	0.0023	0.0026	-
Cu	mg/L	0.0011	0.0011	0.0016	0.0024	0.0034	0.2
Fe	mg/L	1.1	1.1	1.1	1.2	1.2	-
Hg	mg/L	0.0000016	0.0000017	0.0000044	0.0000094	0.000013	-
K	mg/L	0.41	0.78	4.5	12	28	-
Mg	mg/L	0.74	1.4	7.4	20	49	-
Mn	mg/L	0.019	0.025	0.10	0.26	0.63	-
Mo	mg/L	0.000050	0.000089	0.00055	0.0014	0.0029	-
Na	mg/L	5.0	11	78	209	485	-
Ni	mg/L	0.0013	0.0015	0.0038	0.0080	0.017	0.5
Pb	mg/L	0.00011	0.00011	0.00015	0.00019	0.00037	0.1
Sb	mg/L	0.000032	0.000046	0.00025	0.00054	0.0011	-
Se	mg/L	0.000021	0.000030	0.00014	0.00033	0.00073	-
Sr	mg/L	0.030	0.045	0.33	0.77	1.9	-
Tl	mg/L	0.0000041	0.0000043	0.000019	0.000036	0.00010	-
U	mg/L	0.000045	0.000091	0.00057	0.0014	0.0034	-
V	mg/L	0.0020	0.0020	0.0022	0.0025	0.0031	-
Zn	mg/L	0.0013	0.0014	0.0020	0.0032	0.0046	0.4
Ra-226	Bq/L	0.000038	0.000069	0.00047	0.0012	0.0024	0.37
Dissolved Element							
Ag	mg/L	0.00000022	0.00000031	0.0000026	0.0000073	0.000013	-
Al	mg/L	0.00027	0.00039	0.0030	0.0079	0.013	-
As	mg/L	0.00018	0.00049	0.0039	0.011	0.029	-
Ba	mg/L	0.0010	0.0012	0.0091	0.024	0.048	-
Be	mg/L	0.00000027	0.00000051	0.0000043	0.000013	0.000025	-
Ca	mg/L	1.3	2.1	16	42	100	-
Cd	mg/L	0.0000013	0.0000021	0.000015	0.000036	0.000075	-
Co	mg/L	0.000043	0.00011	0.00080	0.0022	0.0055	-
Cr	mg/L	0.000011	0.000013	0.00010	0.00024	0.00051	-
Cu	mg/L	0.000052	0.000077	0.00052	0.0013	0.0024	-
Fe	mg/L	0.0012	0.0022	0.019	0.047	0.061	-
Hg	mg/L	0.00000022	0.00000033	0.0000031	0.0000080	0.000012	-
K	mg/L	0.26	0.63	4.4	12	28	-
Mg	mg/L	0.40	1.0	7.1	19	48	-
Mn	mg/L	0.0067	0.012	0.092	0.25	0.62	-
Mo	mg/L	0.000039	0.000079	0.00054	0.0013	0.0029	-
Na	mg/L	4.8	11	78	209	485	-
Ni	mg/L	0.00020	0.00040	0.0027	0.0069	0.016	-
Pb	mg/L	0.0000026	0.0000038	0.000042	0.000086	0.00026	-
Sb	mg/L	0.000020	0.000035	0.00023	0.00052	0.0011	-
Se	mg/L	0.000010	0.000019	0.00013	0.00032	0.00072	-
Sr	mg/L	0.027	0.042	0.33	0.77	1.9	-
Tl	mg/L	0.0000013	0.0000014	0.000016	0.000033	0.00010	-
U	mg/L	0.000035	0.000081	0.00056	0.0014	0.0034	-
V	mg/L	0.000026	0.000030	0.00023	0.00059	0.0012	-
Zn	mg/L	0.000071	0.000086	0.00077	0.0019	0.0034	-
Ra-226	Bq/L	0.000038	0.000069	0.00047	0.0012	0.0024	-

Notes: "-" denotes not available. *Calculation of min, P10, mean, and P90 excludes 0 values.

Table 4-3:
Model Predictions at End-of-Pipe to Itivia Harbour (Waterline) During Operations

Constituents	Unit:	Summary Statistics for Waterline during Operations (2024-2031)					MDMER
		Min*	P10*	Mean*	P90*	Max	
Major Ions							
TDS	mg/L	228	257	6,557	22,038	25,115	-
Cl	mg/L	94	105	3,904	13,300	15,660	-
F	mg/L	0.040	0.048	0.093	0.13	0.17	-
SO_4	mg/L	30	35	379	1,187	1,361	-
Nutrients and Cyanide							
NH_3-N	mg/L	0.60	0.69	8.8	26	36	Footnote 1
NO_3-N	mg/L	1.4	1.7	13	34	45	-
NO_2-N	mg/L	0.031	0.038	0.41	1.3	1.8	-
P	mg/L	0.011	0.013	0.12	0.31	0.38	-
CN	mg/L	0.00043	0.00048	0.014	0.045	0.060	0.5
Total Element							
Ag	mg/L	0.0000034	0.0000035	0.000067	0.00022	0.00027	-
Al	mg/L	0.94	0.94	0.96	0.99	1.0	-
As	mg/L	0.0029	0.0031	0.034	0.10	0.13	0.3
Ba	mg/L	0.012	0.013	0.064	0.16	0.18	-
Be	mg/L	0.000012	0.000012	0.000047	0.000117	0.000185	-
Ca	mg/L	12	14	216	686	811	-
Cd	mg/L	0.000018	0.000020	0.000094	0.00024	0.00027	-
Co	mg/L	0.00092	0.0010	0.0019	0.0026	0.0036	-
Cr	mg/L	0.0022	0.0022	0.0037	0.0070	0.0082	-
Cu	mg/L	0.0016	0.0017	0.0029	0.0042	0.0043	0.3
Fe	mg/L	1.1	1.1	1.2	1.3	1.3	-
Hg	mg/L	0.0000050	0.0000051	0.000012	0.000015	0.000021	-
K	mg/L	3.1	3.5	61	197	232	-
Mg	mg/L	4.5	5.0	36	93	124	-
Mn	mg/L	0.078	0.091	0.19	0.28	0.33	-
Mo	mg/L	0.00045	0.00051	0.015	0.049	0.062	-
Na	mg/L	57	66	1,833	6,161	7,264	-
Ni	mg/L	0.0033	0.0036	0.013	0.029	0.032	0.5
Pb	mg/L	0.00014	0.00015	0.00040	0.00076	0.00116	0.1
Sb	mg/L	0.00024	0.00028	0.0037	0.011	0.013	-
Se	mg/L	0.00011	0.00012	0.0016	0.0049	0.0061	-
Sr	mg/L	0.32	0.39	5.3	17	21	-
Tl	mg/L	0.000019	0.000021	0.0021	0.0071	0.013	-
U	mg/L	0.00042	0.00050	0.0013	0.0023	0.0025	-
V	mg/L	0.0021	0.0022	0.0065	0.0157	0.0237	-
Zn	mg/L	0.0021	0.0022	0.015	0.044	0.051	0.5
Ra-226	Bq/L	0.00043	0.00051	0.034	0.12	0.14	0.37
Dissolved Element							
Ag	mg/L	0.0000025	0.0000026	0.000066	0.00022	0.00027	-
Al	mg/L	0.0030	0.0032	0.020	0.048	0.077	-
As	mg/L	0.0019	0.0021	0.033	0.10	0.12	-
Ba	mg/L	0.0079	0.0093	0.060	0.16	0.18	-
Be	mg/L	0.0000031	0.0000032	0.000039	0.00011	0.00018	-
Ca	mg/L	11	13	215	685	810	-
Cd	mg/L	0.000015	0.000017	0.000091	0.00024	0.00026	-
Co	mg/L	0.00048	0.00053	0.0014	0.0022	0.0031	-
Cr	mg/L	0.000080	0.00010	0.0016	0.0049	0.0061	-
Cu	mg/L	0.00055	0.00062	0.0019	0.0031	0.0032	-
Fe	mg/L	0.021	0.026	0.094	0.16	0.21	-
Hg	mg/L	0.0000036	0.0000037	0.000010	0.000013	0.000020	-
K	mg/L	3.0	3.4	61	197	232	-
Mg	mg/L	4.2	4.7	36	93	124	-
Mn	mg/L	0.065	0.078	0.18	0.27	0.31	-
Mo	mg/L	0.00044	0.00050	0.015	0.049	0.062	-
Na	mg/L	57	66	1,833	6,161	7,264	-
Ni	mg/L	0.0023	0.0025	0.012	0.028	0.031	-
Pb	mg/L	0.000034	0.000042	0.00029	0.00065	0.0010	-
Sb	mg/L	0.00022	0.00027	0.0036	0.011	0.013	-
Se	mg/L	0.00010	0.00011	0.0016	0.0049	0.0061	-
Sr	mg/L	0.32	0.38	5.3	17	21	-
Tl	mg/L	0.000016	0.000019	0.0021	0.0071	0.013	-
U	mg/L	0.00041	0.00049	0.0013	0.0022	0.0025	-
V	mg/L	0.00021	0.00025	0.0046	0.014	0.022	-
Zn	mg/L	0.00087	0.0010	0.013	0.043	0.050	-
Ra-226	Bq/L	0.00043	0.00051	0.034	0.12	0.14	-

Notes: "-" denotes not available. *Calculation of min, P10, mean, and P90 excludes 0 values. Values shaded in grey are above the maximum monthly mean effluent concentrations specified in MDMER (Schedule 4, Table 2).

1. Un-ionized ammonia-N concentration of 0.5 mg/L.

Table 4-4:
Model Predictions at End-of-Pipe to Itivia Harbour (Waterline) During Active Closure

Constituents	Unit:	Summary Statistics for Waterline during Active Closure (2032-2034)					MDMER
		Min*	P10*	Mean*	P90*	Max	
Major Ions							
TDS	mg/L	222	599	10,004	27,892	28,208	-
Cl	mg/L	85	275	5,865	16,583	16,771	-
F	mg/L	0.037	0.042	0.11	0.18	0.18	-
SO_4	mg/L	39	88	611	1,548	1,564	-
Nutrients and Cyanide							
NH_3-N	mg/L	0.83	2.2	11	26	26	Footnote 2
NO_3-N	mg/L	1.2	3.9	16	36	36	-
NO_2-N	mg/L	0.021	0.046	0.47	1.3	1.3	-
P	mg/L	0.0076	0.010	0.26	0.59	0.60	-
CN	mg/L	0.0009	0.0020	0.018	0.049	0.050	0.5
Total Element							
Ag	mg/L	0.0000050	0.0000062	0.000095	0.00027	0.00027	-
Al	mg/L	0.95	0.95	0.96	0.98	0.98	-
As	mg/L	0.0033	0.010	0.049	0.11	0.12	0.3
Ba	mg/L	0.023	0.025	0.090	0.20	0.20	-
Be	mg/L	0.000014	0.000017	0.000049	0.00010	0.00010	-
Ca	mg/L	19	36	318	837	846	-
Cd	mg/L	0.000026	0.000033	0.00013	0.00029	0.00029	-
Co	mg/L	0.00087	0.0011	0.0029	0.0053	0.0056	-
Cr	mg/L	0.0023	0.0023	0.0043	0.0078	0.0079	-
Cu	mg/L	0.0019	0.0022	0.0032	0.0042	0.0042	0.3
Fe	mg/L	1.1	1.1	1.2	1.2	1.2	-
Hg	mg/L	0.0000058	0.0000065	0.000011	0.000015	0.000015	-
K	mg/L	4.8	11	93	244	247	-
Mg	mg/L	5.9	16	48	95	96	-
Mn	mg/L	0.051	0.10	0.27	0.47	0.50	-
Mo	mg/L	0.0011	0.0023	0.022	0.060	0.061	-
Na	mg/L	53	158	2,740	7,658	7,745	-
Ni	mg/L	0.0044	0.0064	0.018	0.035	0.035	0.5
Pb	mg/L	0.00017	0.00021	0.00037	0.00059	0.00059	0.1
Sb	mg/L	0.00060	0.00068	0.0054	0.014	0.014	-
Se	mg/L	0.00027	0.00038	0.0024	0.0059	0.0059	-
Sr	mg/L	0.25	0.54	7.7	21	22	-
Tl	mg/L	0.0000051	0.000029	0.0016	0.0046	0.0046	-
U	mg/L	0.00091	0.00096	0.0026	0.0043	0.0043	-
V	mg/L	0.0023	0.0025	0.0067	0.015	0.015	-
Zn	mg/L	0.0025	0.0026	0.020	0.053	0.054	0.5
Ra-226	Bq/L	0.00069	0.0013	0.050	0.14	0.15	0.37
Dissolved Element							
Ag	mg/L	0.0000042	0.0000054	0.000094	0.00027	0.00027	-
Al	mg/L	0.0055	0.0074	0.019	0.038	0.039	-
As	mg/L	0.0023	0.0093	0.048	0.11	0.12	-
Ba	mg/L	0.019	0.021	0.086	0.19	0.19	-
Be	mg/L	0.0000060	0.0000087	0.000041	0.000094	0.000095	-
Ca	mg/L	19	35	317	836	846	-
Cd	mg/L	0.000023	0.000030	0.00013	0.00029	0.00029	-
Co	mg/L	0.00043	0.00064	0.0024	0.0049	0.0051	-
Cr	mg/L	0.00020	0.00023	0.0022	0.0057	0.0058	-
Cu	mg/L	0.00088	0.0011	0.0021	0.0031	0.0031	-
Fe	mg/L	0.030	0.034	0.073	0.11	0.11	-
Hg	mg/L	0.0000044	0.0000051	0.000010	0.000014	0.000014	-
K	mg/L	4.6	11	93	244	247	-
Mg	mg/L	5.6	15	48	94	95	-
Mn	mg/L	0.038	0.086	0.26	0.46	0.49	-
Mo	mg/L	0.0011	0.0023	0.022	0.060	0.061	-
Na	mg/L	52	158	2,740	7,658	7,745	-
Ni	mg/L	0.0034	0.0054	0.017	0.034	0.034	-
Pb	mg/L	0.000067	0.00010	0.00027	0.00048	0.00048	-
Sb	mg/L	0.00059	0.00067	0.0054	0.014	0.014	-
Se	mg/L	0.00025	0.00037	0.0023	0.0058	0.0059	-
Sr	mg/L	0.25	0.54	7.7	21	22	-
Tl	mg/L	0.0000023	0.000026	0.0016	0.0046	0.0046	-
U	mg/L	0.00090	0.00095	0.0026	0.0043	0.0043	-
V	mg/L	0.00033	0.00052	0.0048	0.013	0.013	-
Zn	mg/L	0.0012	0.0013	0.019	0.052	0.053	-
Ra-226	Bq/L	0.00069	0.0013	0.050	0.14	0.15	-

Notes: "-" denotes not available. *Calculation of min, P10, mean, and P90 excludes 0 values. Values shaded in grey are above the maximum monthly mean effluent concentrations specified in MDMER (Schedule 4, Table 2).

2. Un-ionized ammonia-N concentration of 0.5 mg/L.

4.3 Post-Closure

During Post-Closure, mining activity will have ceased, open pits will have been flooded with Meliadine Lake water, and mine site waterbodies will begin to discharge passively. In the absence of mining activities, TSS is expected to return to relatively low baseline values of <3 mg/L. Due to the low TSS baseline conditions, total and dissolved concentrations are anticipated to be similar during Post-Closure. Hence, model results are developed assuming that total concentrations are equal to dissolved concentrations.

Summary statistics are presented for key collection ponds and flooded pits during Post-Closure, with comparison to terrestrial (SP6 only) and aquatic guidelines (Table 4-5 through Table 4-15).

Water quality predictions are summarized starting in June 2039 to reflect open water conditions at the start of Post-Closure and extending to December 2119. The model nodes presented herein show predicted concentrations below the applicable guidelines throughout Post-Closure with the exception of phosphorus. Elevated concentrations of phosphorus are associated with natural runoff and thus phosphorus is not considered a mine related POPC.

Additional monitoring data collected through the life of mine will be used to update Post-Closure model predictions. Monthly water quality predictions for flooded pits and natural lakes during Post-Closure are provided in Appendix D2, predictions for conjoined flooded pits which form during Post-Closure are provided in Appendix D3.

Table 4-5:
SP6 Post Closure Predictions Compared to Terrestrial Guidelines (Aquatic Guidelines are presented for reference)

Parameter	Unit	Summary Statistics for SP6					*Terrestrial Guideline*	*Aquatic Guideline*
		Min	P10	Mean	P90	Max		
Total Dissolved Solids (TDS)	mg/L	34	230	290	378	438	*3,000*	*1,000*
Ammonia (NH_3-N)**	mg/L	0.018	0.035	0.19	0.63	0.91	-	*0.58*
Chloride (Cl)	mg/L	8.1	9.0	23	62	88	-	*120*
Sulfate (SO_4)*	mg/L	3.8	103	132	168	206	*1,000*	*128 - 429*
Arsenic (As)	mg/L	0.00048	0.0074	0.010	0.012	0.014	*0.025*	*0.025*
Cadmium (Cd)*	mg/L	0.0000084	0.000018	0.000033	0.000052	0.000058	*0.08*	*0.000059 - 0.00034*
Cobalt (Co)*	mg/L	0.00012	0.00076	0.0012	0.0017	0.0020	*1*	*0.00078 - 0.0015*
Copper (Cu)*	mg/L	0.00073	0.00082	0.0012	0.0017	0.0019	*0.5*	*0.0020 - 0.0040*
Mercury (Hg)	mg/L	0.0000026	0.0000089	0.000013	0.000019	0.000021	*0.003*	*0.000026*
Manganese (Mn)*	mg/L	0.014	0.080	0.10	0.13	0.16	-	*0.35 - 0.64*
Nickel (Ni)*	mg/L	0.00068	0.0018	0.0038	0.0064	0.0072	*1*	*0.025 - 0.15*
Phosphorus (P)	mg/L	0.0056	0.010	0.013	0.015	0.016	-	*0.01*
Lead (Pb)*	mg/L	0.00013	0.00018	0.00026	0.00031	0.00037	*0.1*	*0.0010 - 0.0070*
Selenium (Se)	mg/L	0.000050	0.00045	0.00061	0.00083	0.0010	*0.05*	*0.001*
Strontium (Sr)	mg/L	0.047	0.23	0.43	0.69	0.80	-	*2.5*
Uranium (U)	mg/L	0.000035	0.00063	0.0017	0.0032	0.0035	*0.2*	*0.015*
Vanadium (V)	mg/L	0.00022	0.00048	0.00064	0.00078	0.0010	-	*0.12*
Zinc (Zn)*	mg/L	0.0010	0.0013	0.0018	0.0023	0.0026	*0.1*	*0.0094 - 0.070*

Notes: Values shaded in grey are above applicable terrestrial guidelines. *Aquatic guideline assumes induced hardness. **The ammonia (NH_3-N) aquatic guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC

Table 4-6:
CP1 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for CP1					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
Total Dissolved Solids (TDS)	mg/L	50	99	129	166	199	*1,000*
Ammonia (NH_3-N)**	mg/L	0.025	0.041	0.079	0.16	0.36	*0.58*
Chloride (Cl)	mg/L	8.2	11	16	22	41	*120*
Sulfate (SO_4)*	mg/L	6	30	42	57	72	*218 - 309*
Arsenic (As)	mg/L	0.001	0.0028	0.0039	0.0052	0.0062	*0.025*
Cadmium (Cd)*	mg/L	0.000016	0.000019	0.000025	0.000034	0.000046	*0.000063 - 0.00023*
Cobalt (Co)*	mg/L	0.00023	0.00043	0.00055	0.00072	0.00092	*0.00078 - 0.0012*
Copper (Cu)*	mg/L	0.00065	0.00085	0.001	0.0013	0.0016	*0.0020 - 0.0035*
Mercury (Hg)	mg/L	0.0000086	0.0000094	0.000012	0.000016	0.000022	*0.000026*
Manganese (Mn)*	mg/L	0.017	0.046	0.067	0.088	0.12	*0.35 - 0.60*
Nickel (Ni)*	mg/L	0.0012	0.0014	0.002	0.0027	0.0039	*0.025 - 0.14*
Phosphorus (P)	mg/L	0.0081	0.01	0.012	0.015	0.018	*0.01*
Lead (Pb)*	mg/L	0.000093	0.0002	0.00038	0.00052	0.00075	*0.0010 - 0.0057*
Selenium (Se)	mg/L	0.000061	0.00018	0.00023	0.00031	0.00039	*0.001*
Strontium (Sr)	mg/L	0.066	0.14	0.19	0.25	0.34	*2.5*
Uranium (U)	mg/L	0.00016	0.00022	0.00046	0.0008	0.0013	*0.015*
Vanadium (V)	mg/L	0.00045	0.00059	0.00076	0.00095	0.0013	*0.12*
Zinc (Zn)*	mg/L	0.0014	0.0016	0.002	0.0026	0.0033	*0.010 - 0.045*

Notes: Values shaded in grey are above applicable guidelines. *Guideline assumes induced hardness. **The ammonia (NH_3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC.

Table 4-7:
PUMP01 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for PUMP01					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
Total Dissolved Solids (TDS)	mg/L	83	87	113	162	302	*1,000*
Ammonia (NH_3-N)**	mg/L	0.072	0.076	0.12	0.22	0.48	*0.58*
Chloride (Cl)	mg/L	23	24	33	53	105	*120*
Sulfate (SO_4)*	mg/L	13	14	22	36	68	*218 - 309*
Arsenic (As)	mg/L	0.0011	0.0012	0.0013	0.0014	0.0018	*0.025*
Cadmium (Cd)*	mg/L	0.000016	0.000017	0.000019	0.000021	0.000027	*0.00010 - 0.00017*
Cobalt (Co)*	mg/L	0.00027	0.00029	0.00031	0.00034	0.00049	*0.00082 - 0.0010*
Copper (Cu)*	mg/L	0.00097	0.0010	0.0011	0.0012	0.0016	*0.0020 - 0.0026*
Mercury (Hg)	mg/L	0.0000079	0.0000082	0.0000090	0.000010	0.000011	*0.000026*
Manganese (Mn)*	mg/L	0.030	0.035	0.044	0.050	0.056	*0.43 - 0.53*
Nickel (Ni)*	mg/L	0.0015	0.0016	0.0019	0.0024	0.0038	*0.025 - 0.10*
Phosphorus (P)	mg/L	0.0079	0.0083	0.0091	0.0098	0.010	*0.01*
Lead (Pb)*	mg/L	0.00016	0.00020	0.00030	0.00036	0.00041	*0.0010 - 0.0037*
Selenium (Se)	mg/L	0.00009	0.00010	0.00012	0.00015	0.00025	*0.001*
Strontium (Sr)	mg/L	0.086	0.10	0.11	0.11	0.14	*2.5*
Uranium (U)	mg/L	0.00018	0.00019	0.00025	0.00038	0.00072	*0.015*
Vanadium (V)	mg/L	0.00045	0.00050	0.00059	0.00065	0.00071	*0.12*
Zinc (Zn)*	mg/L	0.0014	0.0015	0.0016	0.0017	0.0019	*0.018 - 0.032*

Notes: Values shaded in grey are above applicable guidelines. *Guideline assumes induced hardness. **The ammonia (NH_3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC.

Table 4-8:
PUMP02 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for PUMP02					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
Total Dissolved Solids (TDS)	mg/L	76	77	114	169	195	*1,000*
Ammonia (NH_3-N)**	mg/L	0.08	0.085	0.18	0.33	0.4	*0.58*
Chloride (Cl)	mg/L	18	19	37	67	83	*120*
Sulfate (SO_4)*	mg/L	10	11	19	29	32	*218*
Arsenic (As)	mg/L	0.0009	0.00099	0.0012	0.0013	0.0014	*0.025*
Cadmium (Cd)*	mg/L	0.000013	0.000015	0.000018	0.000019	0.000019	*0.00010 - 0.00012*
Cobalt (Co)*	mg/L	0.00025	0.00025	0.00028	0.0003	0.0003	*0.00082 - 0.00088*
Copper (Cu)*	mg/L	0.001	0.001	0.0011	0.0011	0.0011	*0.002*
Mercury (Hg)	mg/L	0.0000044	0.0000059	0.0000084	0.00001	0.00001	*0.000026*
Manganese (Mn)*	mg/L	0.024	0.027	0.042	0.051	0.053	*0.43*
Nickel (Ni)*	mg/L	0.0015	0.0015	0.0018	0.002	0.0021	*0.025 - 0.073*
Phosphorus (P)	mg/L	0.0063	0.0072	0.0091	0.01	0.01	*0.01*
Lead (Pb)*	mg/L	0.00012	0.00015	0.00029	0.00039	0.00041	*0.0010 - 0.0020*
Selenium (Se)	mg/L	0.00009	0.000092	0.00011	0.00012	0.00013	*0.001*
Strontium (Sr)	mg/L	0.093	0.096	0.106	0.11	0.12	*2.5*
Uranium (U)	mg/L	0.000088	0.000093	0.00015	0.00024	0.00028	*0.015*
Vanadium (V)	mg/L	0.00033	0.00039	0.00057	0.00068	0.0007	*0.12*
Zinc (Zn)*	mg/L	0.0013	0.0014	0.0016	0.0017	0.0017	*0.018 - 0.021*

Notes: Values shaded in grey are above applicable guidelines. *Guideline assumes induced hardness. **The ammonia (NH_3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC.

Table 4-9:
PUMP03 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for PUMP03					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
Total Dissolved Solids (TDS)	mg/L	103	106	117	125	126	*1,000*
Ammonia (NH_3-N)**	mg/L	0.079	0.11	0.13	0.15	0.15	*0.58*
Chloride (Cl)	mg/L	32	34	44	51	51	*120*
Sulfate (SO_4)*	mg/L	16	17	19	21	21	*218*
Arsenic (As)	mg/L	0.00050	0.00061	0.0010	0.0013	0.0013	*0.025*
Cadmium (Cd)*	mg/L	0.0000087	0.000010	0.000015	0.000018	0.000018	*0.000067 - 0.00012*
Cobalt (Co)*	mg/L	0.00019	0.00021	0.00027	0.00031	0.00032	*0.00078 - 0.00087*
Copper (Cu)*	mg/L	0.00098	0.0010	0.0011	0.0011	0.0011	*0.002*
Mercury (Hg)	mg/L	0.0000028	0.0000036	0.0000066	0.0000089	0.0000093	*0.000026*
Manganese (Mn)*	mg/L	0.013	0.017	0.032	0.045	0.048	*0.35 - 0.43*
Nickel (Ni)*	mg/L	0.0015	0.0016	0.0018	0.0019	0.0019	*0.025 - 0.072*
Phosphorus (P)	mg/L	0.0049	0.0054	0.0075	0.0093	0.0096	*0.01*
Lead (Pb)*	mg/L	0.000056	0.000077	0.00020	0.00032	0.00034	*0.0010 - 0.0020*
Selenium (Se)	mg/L	0.00010	0.00011	0.00011	0.00012	0.00012	*0.001*
Strontium (Sr)	mg/L	0.055	0.064	0.090	0.11	0.11	*2.5*
Uranium (U)	mg/L	0.00022	0.00022	0.00027	0.00031	0.00031	*0.015*
Vanadium (V)	mg/L	0.00016	0.00021	0.00043	0.00060	0.00063	*0.12*
Zinc (Zn)*	mg/L	0.0010	0.0011	0.0014	0.0016	0.0016	*0.011 - 0.020*

Notes: Values shaded in grey are above applicable guidelines. *Guideline assumes induced hardness. **The ammonia (NH3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC

Table 4-10:
PUMP04 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for PUMP04					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
Total Dissolved Solids (TDS)	mg/L	81	84	96	106	197	*1,000*
Ammonia (NH_3-N)**	mg/L	0.081	0.085	0.1	0.11	0.14	*0.58*
Chloride (Cl)	mg/L	20	22	27	31	84	*120*
Sulfate (SO_4)*	mg/L	12	13	21	30	39	*218*
Arsenic (As)	mg/L	0.0009	0.001	0.0016	0.0023	0.0026	*0.025*
Cadmium (Cd)*	mg/L	0.000012	0.000014	0.000015	0.000016	0.000017	*0.000076 - 0.00012*
Cobalt (Co)*	mg/L	0.00023	0.00025	0.00033	0.0004	0.00044	*0.00078 - 0.00090*
Copper (Cu)*	mg/L	0.00084	0.00087	0.00091	0.001	0.0012	*0.002*
Mercury (Hg)	mg/L	0.0000049	0.0000062	0.0000069	0.0000075	0.000008	*0.000026*
Manganese (Mn)*	mg/L	0.023	0.026	0.036	0.045	0.05	*0.35 - 0.43*
Nickel (Ni)*	mg/L	0.0015	0.0015	0.0017	0.0018	0.0024	*0.025 - 0.076*
Phosphorus (P)	mg/L	0.0074	0.019	0.048	0.085	0.09	*0.01*
Lead (Pb)*	mg/L	0.000068	0.00016	0.00021	0.00025	0.00028	*0.0010 - 0.0022*
Selenium (Se)	mg/L	0.00009	0.0001	0.00013	0.00017	0.00019	*0.001*
Strontium (Sr)	mg/L	0.075	0.087	0.11	0.14	0.16	*2.5*
Uranium (U)	mg/L	0.00024	0.00027	0.00039	0.00051	0.00076	*0.015*
Vanadium (V)	mg/L	0.00023	0.00037	0.00042	0.00048	0.00051	*0.12*
Zinc (Zn)*	mg/L	0.0011	0.0012	0.0013	0.0014	0.0015	*0.013 - 0.022*

Notes: Values shaded in grey are above applicable guidelines. *Guideline assumes induced hardness. **The ammonia (NH3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC

Table 4-11:
F ZONE Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for F Zone Pit Lake					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
Total Dissolved Solids (TDS)	mg/L	86	88	111	172	250	*1,000*
Ammonia (NH_3-N)**	mg/L	0.073	0.074	0.14	0.32	0.55	*0.58*
Chloride (Cl)	mg/L	20	20	32	62	101	*120*
Sulfate (SO_4)*	mg/L	16	17	21	32	42	*218*
Arsenic (As)	mg/L	0.0011	0.0012	0.0014	0.0017	0.0019	*0.025*
Cadmium (Cd)*	mg/L	0.000016	0.000017	0.000018	0.000019	0.000020	*0.00010 - 0.00012*
Cobalt (Co)*	mg/L	0.00027	0.00028	0.00032	0.00036	0.00037	*0.00081 - 0.00088*
Copper (Cu)*	mg/L	0.0010	0.0010	0.0011	0.0013	0.0015	*0.002*
Mercury (Hg)	mg/L	0.0000039	0.0000069	0.0000082	0.0000089	0.0000090	*0.000026*
Manganese (Mn)*	mg/L	0.033	0.035	0.044	0.050	0.053	*0.43*
Nickel (Ni)*	mg/L	0.0017	0.0017	0.0021	0.0029	0.0034	*0.025 - 0.073*
Phosphorus (P)	mg/L	0.0064	0.016	0.027	0.040	0.041	*0.01*
Lead (Pb)*	mg/L	0.000074	0.00015	0.00027	0.00034	0.00036	*0.0010 - 0.0020*
Selenium (Se)	mg/L	0.00012	0.00012	0.00014	0.00017	0.00021	*0.001*
Strontium (Sr)	mg/L	0.10	0.11	0.12	0.13	0.13	*2.5*
Uranium (U)	mg/L	0.00025	0.00025	0.00030	0.00036	0.00045	*0.015*
Vanadium (V)	mg/L	0.00035	0.00046	0.00055	0.00060	0.00064	*0.12*
Zinc (Zn)*	mg/L	0.0013	0.0014	0.0015	0.0016	0.0017	*0.017 - 0.021*

Notes: Values shaded in grey are above applicable guidelines. *Guideline assumes induced hardness. **The ammonia (NH3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC

Table 4-12:
WES Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for WES Pit Lake					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
Total Dissolved Solids (TDS)	mg/L	84	85	97	116	121	*1,000*
Ammonia (NH_3-N)**	mg/L	0.087	0.094	0.125	0.16	0.19	*0.58*
Chloride (Cl)	mg/L	19	20	28	36	39	*120*
Sulfate (SO_4)*	mg/L	13	13	25	42	45	*218*
Arsenic (As)	mg/L	0.00078	0.0008	0.0017	0.003	0.0033	*0.025*
Cadmium (Cd)*	mg/L	0.00001	0.00001	0.000012	0.000014	0.000014	*0.000064 - 0.00012*
Cobalt (Co)*	mg/L	0.00018	0.00018	0.00029	0.00042	0.00045	*0.00078 - 0.00087*
Copper (Cu)*	mg/L	0.00074	0.00075	0.00078	0.00086	0.00092	*0.002*
Mercury (Hg)	mg/L	0.0000031	0.0000031	0.0000042	0.0000055	0.0000058	*0.000026*
Manganese (Mn)*	mg/L	0.017	0.017	0.026	0.038	0.041	*0.35 - 0.43*
Nickel (Ni)*	mg/L	0.0014	0.0014	0.0015	0.0017	0.0017	*0.025 - 0.072*
Phosphorus (P)	mg/L	0.02	0.024	0.072	0.15	0.18	*0.01*
Lead (Pb)*	mg/L	0.000077	0.000079	0.0001	0.00013	0.00014	*0.0010 - 0.0020*
Selenium (Se)	mg/L	0.0001	0.0001	0.00015	0.00021	0.00023	*0.001*
Strontium (Sr)	mg/L	0.079	0.081	0.12	0.16	0.17	*2.5*
Uranium (U)	mg/L	0.00026	0.00026	0.00044	0.00062	0.00063	*0.015*
Vanadium (V)	mg/L	0.00019	0.0002	0.00024	0.0003	0.00031	*0.12*
Zinc (Zn)*	mg/L	0.00089	0.00089	0.00093	0.001	0.001	*0.010 - 0.020*

Notes: Values shaded in grey are above applicable guidelines. *Guideline assumes induced hardness. **The ammonia (NH3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC

Table 4-13:
TIRI Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for TIRI Pit Lake					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
Total Dissolved Solids (TDS)	mg/L	75	90	165	213	216	*1,000*
Ammonia (NH_3-N)**	mg/L	0.051	0.1	0.13	0.17	0.17	*0.58*
Chloride (Cl)	mg/L	21	23	31	38	38	*120*
Sulfate (SO_4)*	mg/L	11	17	60	91	93	*128 - 309*
Arsenic (As)	mg/L	0.00051	0.00087	0.0041	0.0067	0.0069	*0.025*
Cadmium (Cd)*	mg/L	0.0000072	0.00001	0.000019	0.000024	0.000024	*0.000055 - 0.00019*
Cobalt (Co)*	mg/L	0.00016	0.00023	0.0006	0.0008	0.00081	*0.00078 - 0.0011*
Copper (Cu)*	mg/L	0.00083	0.00089	0.001	0.0011	0.0011	*0.0020 - 0.0029*
Mercury (Hg)	mg/L	0.000002	0.000003	0.0000071	0.0000093	0.0000094	*0.000026*
Manganese (Mn)*	mg/L	0.01	0.015	0.05	0.073	0.075	*0.35 - 0.57*
Nickel (Ni)*	mg/L	0.0012	0.0015	0.0025	0.0029	0.0029	*0.025 - 0.11*
Phosphorus (P)	mg/L	0.0041	0.0045	0.0077	0.01	0.011	*0.01*
Lead (Pb)*	mg/L	0.000038	0.000052	0.00014	0.00021	0.00022	*0.0010 - 0.0043*
Selenium (Se)	mg/L	0.000084	0.00011	0.00031	0.00043	0.00043	*0.001*
Strontium (Sr)	mg/L	0.057	0.09	0.23	0.29	0.3	*2.5*
Uranium (U)	mg/L	0.00027	0.00042	0.001	0.0012	0.0012	*0.015*
Vanadium (V)	mg/L	0.00011	0.00015	0.00035	0.00048	0.00049	*0.12*
Zinc (Zn)*	mg/L	0.0008	0.0009	0.0013	0.0015	0.0015	*0.0087 - 0.037*

Notes: Values shaded in grey are above applicable guidelines. *Guideline assumes induced hardness. **The ammonia (NH3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC

Table 4-14:
TIRI04 Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for TIRI 04 Pit Lake					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
Total Dissolved Solids (TDS)	mg/L	142	146	167	183	185	*1,000*
Ammonia (NH_3-N)**	mg/L	0.24	0.26	0.39	0.55	0.56	*0.58*
Chloride (Cl)	mg/L	40	42	53	66	67	*120*
Sulfate (SO_4)*	mg/L	27	29	32	34	34	*218 - 309*
Arsenic (As)	mg/L	0.0021	0.0022	0.0023	0.0024	0.0025	*0.025*
Cadmium (Cd)*	mg/L	0.000023	0.000024	0.000025	0.000026	0.000027	*0.00012 - 0.00013*
Cobalt (Co)*	mg/L	0.00044	0.00048	0.00052	0.00055	0.00055	*0.00089 - 0.00093*
Copper (Cu)*	mg/L	0.0011	0.0011	0.0012	0.0012	0.0012	*0.002*
Mercury (Hg)	mg/L	0.0000080	0.0000083	0.0000093	0.000010	0.000010	*0.000026*
Manganese (Mn)*	mg/L	0.053	0.055	0.058	0.060	0.060	*0.43 - 0.49*
Nickel (Ni)*	mg/L	0.0025	0.0026	0.0028	0.0030	0.0030	*0.074 - 0.080*
Phosphorus (P)	mg/L	0.0085	0.0086	0.0089	0.0091	0.0091	*0.01*
Lead (Pb)*	mg/L	0.00026	0.00026	0.00030	0.00033	0.00034	*0.0021 - 0.0024*
Selenium (Se)	mg/L	0.00019	0.00019	0.00021	0.00023	0.00023	*0.001*
Strontium (Sr)	mg/L	0.21	0.22	0.24	0.25	0.25	*2.5*
Uranium (U)	mg/L	0.00062	0.00069	0.00079	0.00086	0.00087	*0.015*
Vanadium (V)	mg/L	0.00059	0.00060	0.00064	0.00066	0.00067	*0.12*
Zinc (Zn)*	mg/L	0.0016	0.0016	0.0017	0.0017	0.0017	*0.021 - 0.023*

Notes: Values shaded in grey are above applicable guidelines. *Guideline assumes induced hardness. **The ammonia (NH3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC

Table 4-15:
Lake J1 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for Lake J1					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
Total Dissolved Solids (TDS)	mg/L	64	71	96	135	168	*1,000*
Ammonia (NH_3-N)**	mg/L	0.038	0.050	0.11	0.29	0.41	*0.58*
Chloride (Cl)	mg/L	10	12	17	32	44	*120*
Sulfate (SO_4)*	mg/L	7.7	9.1	20	35	44	*218 - 309*
Arsenic (As)	mg/L	0.0012	0.0014	0.0019	0.0027	0.0032	*0.025*
Cadmium (Cd)*	mg/L	0.000014	0.000016	0.000023	0.000030	0.000034	*0.000091 - 0.00016*
Cobalt (Co)*	mg/L	0.00025	0.00030	0.00040	0.00053	0.00063	*0.0008 - 0.0010*
Copper (Cu)*	mg/L	0.00085	0.00093	0.0011	0.0013	0.0015	*0.0020 - 0.0024*
Mercury (Hg)	mg/L	0.0000091	0.0000097	0.000010	0.000011	0.000012	*0.000026*
Manganese (Mn)*	mg/L	0.034	0.044	0.056	0.067	0.088	*0.43 - 0.53*
Nickel (Ni)*	mg/L	0.0013	0.0015	0.0024	0.0035	0.0042	*0.025 - 0.097*
Phosphorus (P)	mg/L	0.0085	0.0090	0.0095	0.010	0.011	*0.01*
Lead (Pb)*	mg/L	0.00015	0.00023	0.00035	0.00045	0.00054	*0.0010 - 0.0033*
Selenium (Se)	mg/L	0.000081	0.00010	0.00016	0.00026	0.00032	*0.001*
Strontium (Sr)	mg/L	0.10	0.12	0.18	0.26	0.33	*2.5*
Uranium (U)	mg/L	0.00014	0.00017	0.00045	0.00083	0.0010	*0.015*
Vanadium (V)	mg/L	0.00044	0.00057	0.00068	0.00079	0.00099	*0.12*
Zinc (Zn)*	mg/L	0.0012	0.0014	0.0017	0.0020	0.0022	*0.015 - 0.030*

Notes: Values shaded in grey are above applicable guidelines. *Guideline assumes induced hardness. **The ammonia (NH3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC

5. Summary

AGNICO EAGLE

5. Summary

The WBWQM assembled for the January 2024 Type A Water License 2AM-MEL1631 amendment application (Lorax, 2024) was updated to reflect slight changes to the mine plan, as follows:

- The Waterline is online as of June 2026;
- PUMP01 and PUMP02 pits are mined in 2025;
- PUMP UG online in 2026, along with the PUMP underground WRSF and ore pad (Table 2-2);
    - Runoff from these features, along with the saline water encountered in the PUMP UG will be routed to the PUMP02 pit, which is mined out by end-2025. Saline water collected in the PUMP02 pit is then pumped to either TIRI02 pit or WES02 pit, for eventual discharge to Itivia Harbour.
- Collection of contact water from WRSF6 is simplified, with the Phase 1 footprint (2025-2028) runoff directly to PUMP01/CP9 via Channel 11, and runoff from the Phase 2 (2029-2030) footprint routed to either PUMP01 or SUMPP5 via Channel 12;
- The WES02 pit will also be used as a saline water reservoir once mining is complete in 2026, and treated discharges will be sent to Itivia Harbour via the Waterline;
- The WES03 pit will serve as an intermediate surface contact water reservoir, with flows from CP3, CP4, CP5, SP6, and the STP routed here, prior to treatment and discharge to Itivia Harbour via the Waterline;
- Lake B4 is no longer dewatered for use as CP8, resulting in a reduction in total surface contact water volumes requiring management, due to the removal of additional runoff and surface meteoric inputs to this feature;
- Once dewatered, Lake B7 will be utilized as a surge storage reservoir (SP6) for surface contact water during high flow periods, taking the place of CP8 in the previous mine water management plan;
- Sump CP2.5 will be constructed to capture TSF runoff and interflow along the northwestern boundary to prevent these flows from reporting to B7, and instead, will be routed to the saline storage system;
- Contact water from the TSF will be routed to the underground mine void over the Active Closure phase; and,

- The Waterline will be operated for the first three years of Active Closure (2032-2034) to discharge remaining saline and surface contact water to Itivia Harbour.

The mine plan represented in the updated WBWQM remains within the footprint and Meliadine Lake discharge volumes approved by NIRB in 2015, and by the Nunavut Water Board in 2024.

The water balance model assembled for the Meliadine Mine tracks all water types (surface contact, saline and non-contact) across the site on a daily time-step. Lake, pit, and underground dewatering activities are represented, along with the balancing of discharges to Meliadine Lake and Itivia Harbour. Predicted inflows, outflows, and pond volumes for key nodes (CP1, WES03, SP6, PUMP02, TIRI02 and WES02) indicate that the water management infrastructure is capable of routing and storing the saline and surface contact water throughout Operations, under an annually variable RCP4.5 climate scenario. The updated model shows slight changes to the annual discharge volumes relative to those presented in Lorax (2024), summarized as follows:

- An overall decrease in the volume of saline water:
    - Slight increase in saline water generated by mine infrastructure from PUMP Underground inflows, and runoff from the PUMP saline WRSF, ore pad, and additional pit wall and catchment runoff reporting to PUMP02, which functions as a saline pond beginning in 2026; and,
    - However, these increases are offset by the removal of SP6 and surrounding catchment flows from the saline water management system. This change results in a net decrease in saline water volumes requiring treatment.
- Reduced discharges to Meliadine Lake via the EWTP:
    - Increased proportion of total Waterline discharge comprised of treated surface contact water; and,
    - Delayed dewatering of TIRI02 pit allows for the prioritization of surface contact water for discharge to Itivia Harbour (Figure 3-2).

During Operations, model predictions for key parameters (TDS, chloride, ammonia-N, and arsenic) at the main collection ponds and discharge points are generally lower than their respective water quality guidelines. No exceedances of any parameters are predicted in effluent discharged from EWTP during mine Operations. Above guideline concentrations of ammonia are predicted in Waterline discharge, and treatment options are being investigated to mitigate this potential exceedance.

6. Closure

AGNICO EAGLE

6. Closure

We trust that this report meets your requirements at this time. Please contact us should you have any questions or concerns or require additional information in support of this work.

Yours sincerely,

LORAX ENVIRONMENTAL SERVICES LTD.

Prepared by:

REGISTERED PROFESSIONAL GEOSCIENTIST
S.I. JACKSON
LICENSEE
NT/NU

Scott Jackson, M.SC., P.GEO. (BC, NT/NU)
Senior Hydrologist

Scott Tinis, PH.D.
Senior Numerical Modeller

REGISTERED PROFESSIONAL GEOSCIENTIST
J.W. DOCKREY
LICENSEE
NT/NU

John Dockrey, M.SC., P.GEO (BC, NT/NU, ON)
Senior Geochemist

Gladys Oka, M.SC.
Environmental Scientist

PERMIT TO PRACTICE
LORAX ENVIRONMENTAL SERVICES LTD.
Signature
Date June 26, 2025
PERMIT NUMBER: P 1487
NT/NU Association of Professional Engineers and Geoscientists

References

AGNICO EAGLE

References

Lorax (2024) Meliadine Mine Water Balance and Water Quality Model – Technical Report. Prepared for Agnico Eagle Mines Ltd., by Lorax Environmental Services, January 2024.

WSP Canada Inc. (2024). Meliadine Project – Updated Hydrogeological Modelling with the Inclusion of the Pump Underground. CA0042236.1659. Prepared for Agnico Eagle Mines Ltd. By Golder Associates Ltd. October 2024. 18 pp.

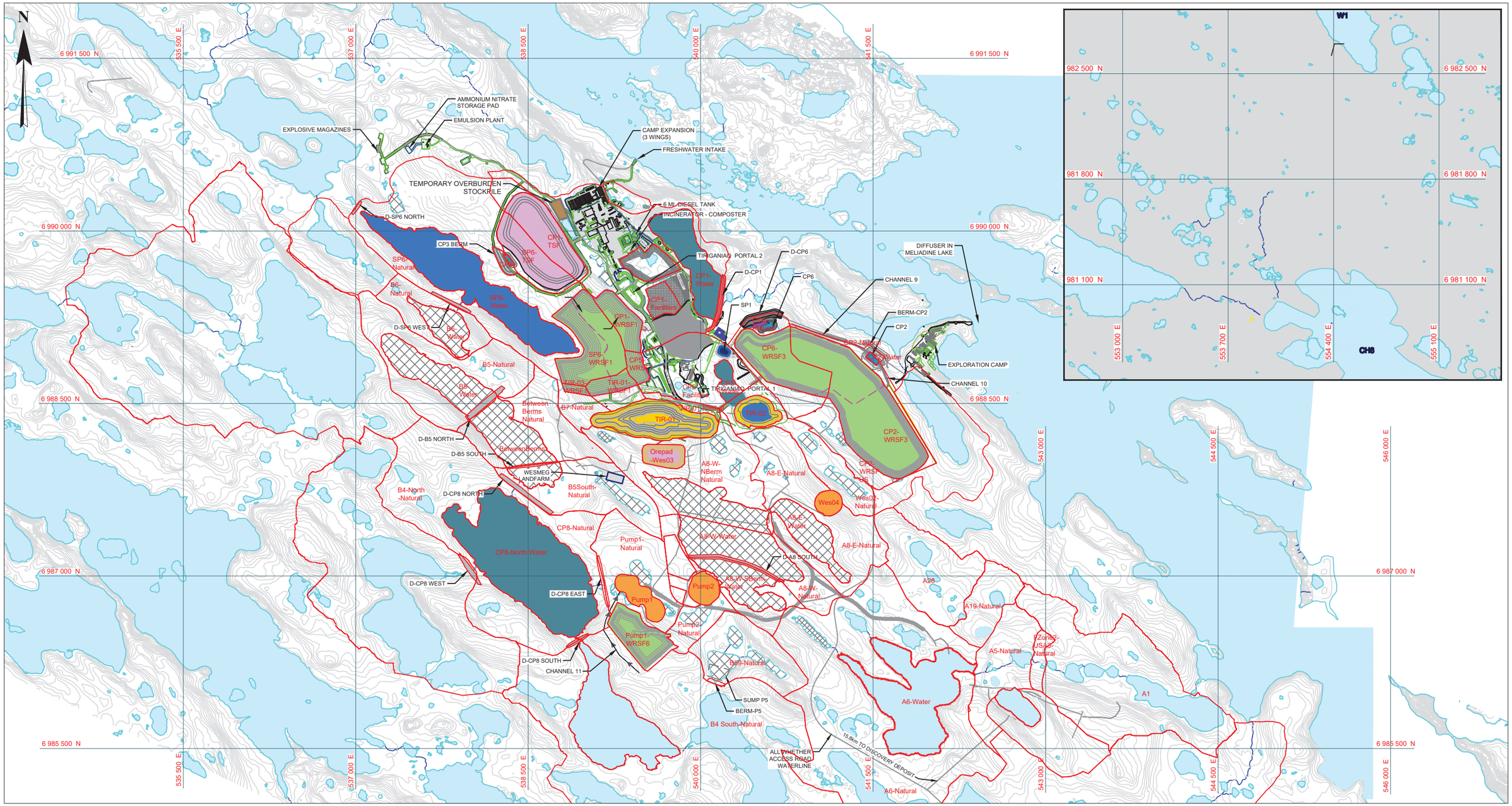
Appendix A: Meliadine Mine Annual Layouts

A.1: MELIADINE MINE ANNUAL LAYOUTS

A.2: ANNUAL CATCHMENT AREAS

AGNICO EAGLE

APPENDIX A.1: MELIADINE MINE ANNUAL LAYOUTS



LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
- PIPE LINE
- DIVERSION CHANNEL
- CONTACT WATER POND
- SALINE POND
- WATER
- DEWATERED
- APPROVED DIFFUSER
- VENT RAISES
- OPEN PITS COMPLETED
- OPEN PITS IN PROGRESS
- TAILINGS STORAGE FACILITY IN PROGRESS
- WASTE ROCK STORAGE FACILITY COMPLETED
- WASTE ROCK STORAGE FACILITY IN PROGRESS

DATE SAVED:	Jun 09, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

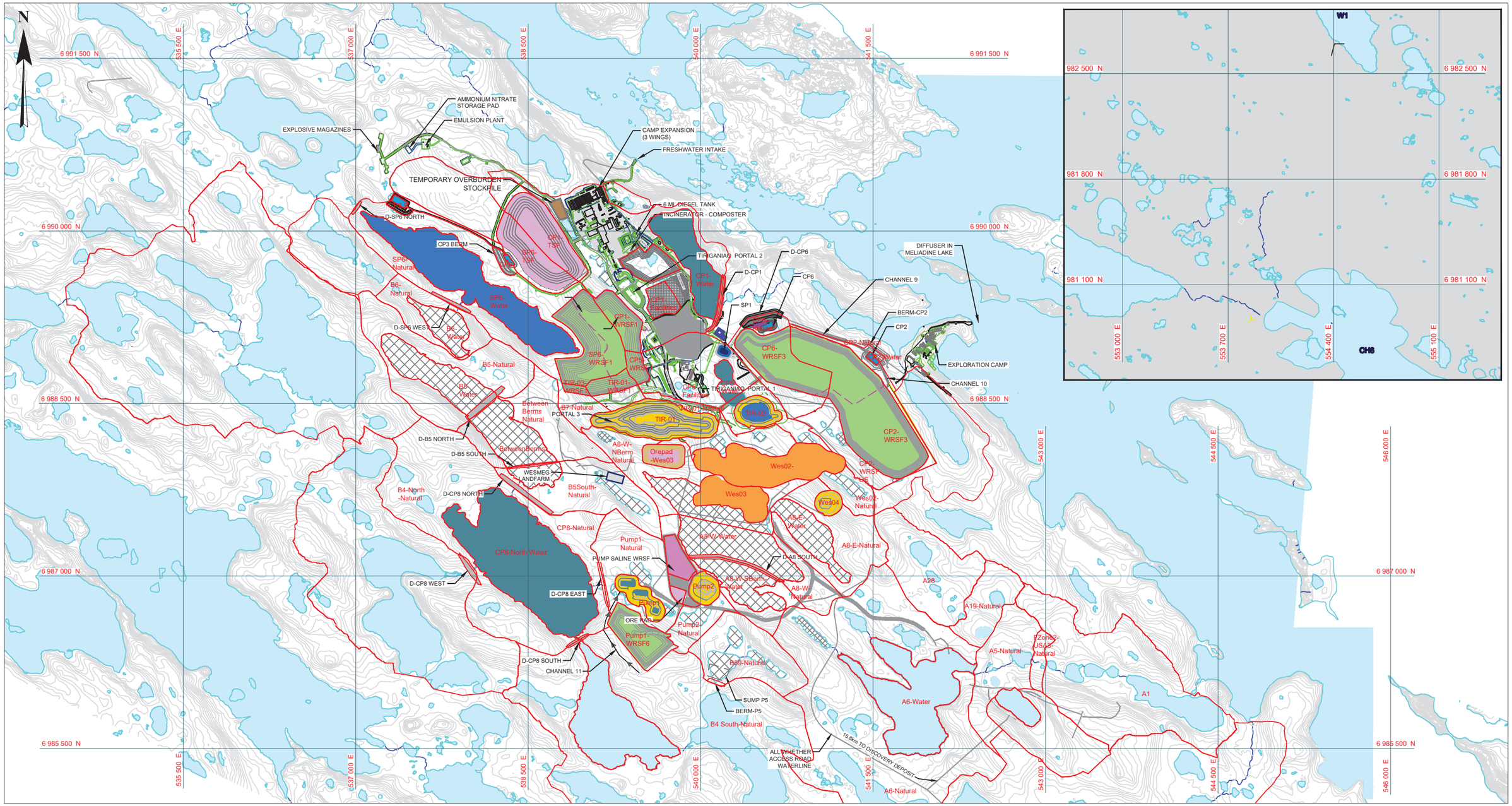
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2025

PROJECT #: A667-4

FIGURE: A1.1

P:\@Drafting\Meliadine\Drafting Figures\Autocad\Autocad Figures\NWB - June 2025\2025 WBM.dwg



LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
- PIPE LINE
- DIVERSION CHANNEL
- CONTACT WATER POND
- SALINE POND
- WATER
- DEWATERED
- APPROVED DIFFUSER
- VENT RAISES
- OPEN PITS COMPLETED
- OPEN PITS IN PROGRESS
- TAILINGS STORAGE FACILITY IN PROGRESS
- WASTE ROCK STORAGE FACILITY COMPLETED
- WASTE ROCK STORAGE FACILITY IN PROGRESS

DATE SAVED:	Jun 07, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

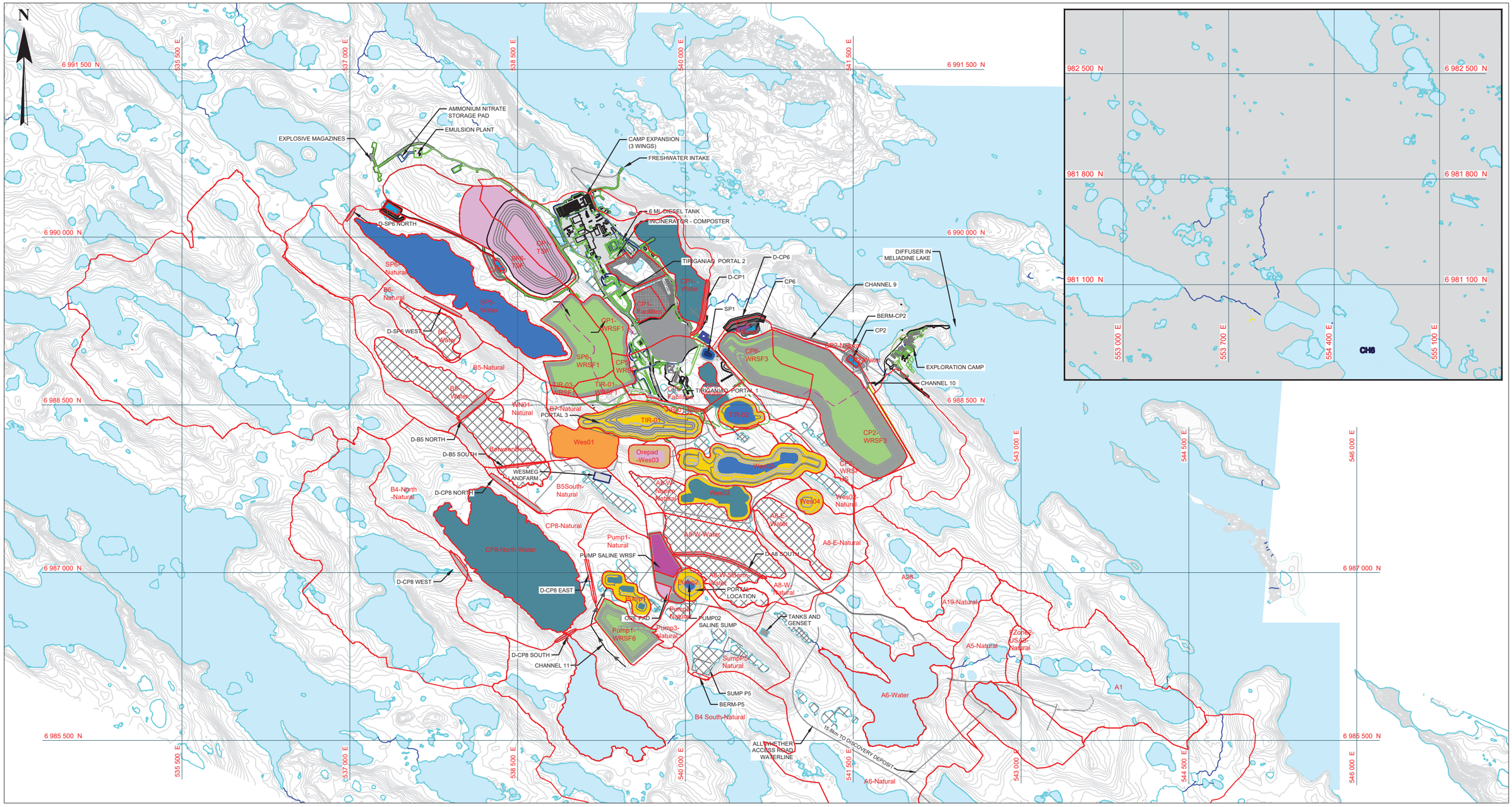
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2026

PROJECT #: A667-4

FIGURE: A1.2

P:\@Drafting\Meliadine\Drafting Figures\Autocad\Autocad Figures\NWB - June 2025\2026 WBM.dwg



LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
- PIPE LINE
- DIVERSION CHANNEL
- CONTACT WATER POND
- SALINE POND
- WATER
- DEWATERED
- APPROVED DIFFUSER
- VENT RAISES
- OPEN PITS COMPLETED
- OPEN PITS IN PROGRESS
- TAILINGS STORAGE FACILITY IN PROGRESS
- WASTE ROCK STORAGE FACILITY COMPLETED
- WASTE ROCK STORAGE FACILITY IN PROGRESS

DATE SAVED:	Jun 09, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

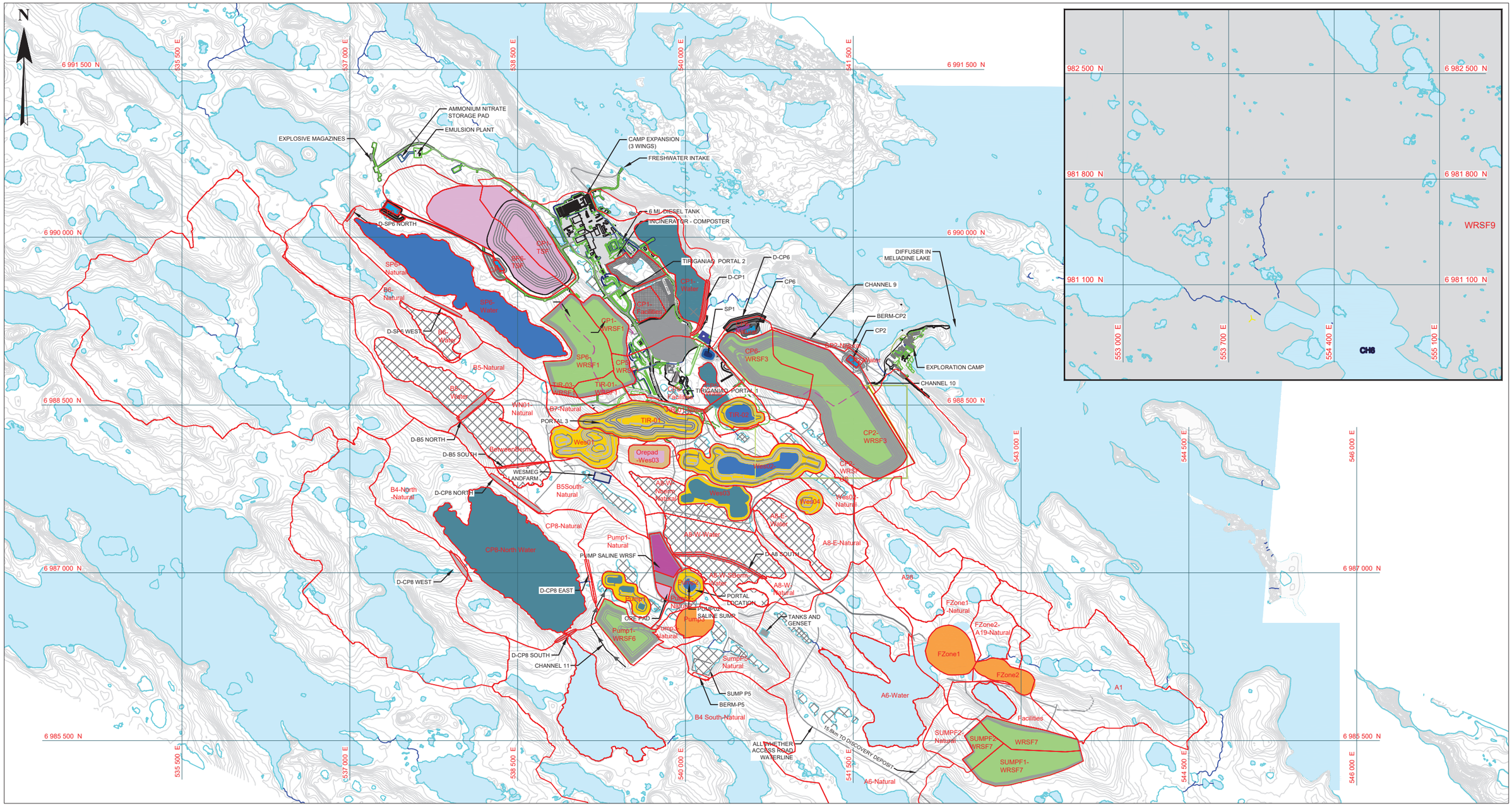
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2027

PROJECT #: A667-4

FIGURE: A1.3

P:\@Drafting\Meliadine\Drafting Figures\Autocad\Autocad Figures\NWB - June 2025\2027 WBM.dwg



LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
- PIPE LINE
- DIVERSION CHANNEL
- CONTACT WATER POND
- SALINE POND
- WATER
- DEWATERED
- APPROVED DIFFUSER
- VENT RAISES
- OPEN PITS COMPLETED
- OPEN PITS IN PROGRESS
- TAILINGS STORAGE FACILITY IN PROGRESS
- WASTE ROCK STORAGE FACILITY COMPLETED
- WASTE ROCK STORAGE FACILITY IN PROGRESS

DATE SAVED:	Jun 09, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2028

PROJECT #: A667-4

FIGURE: A1.4

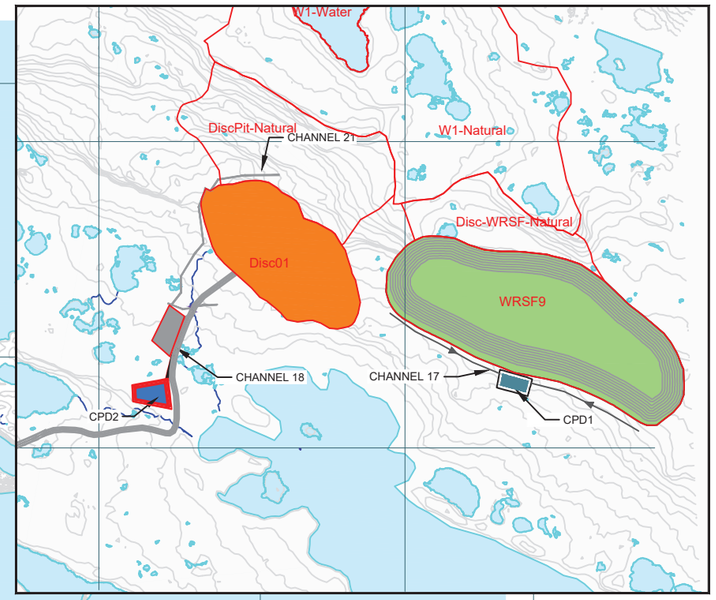
P:\@Drafting\Meliadine\Drafting Figures\Autocad\Autocad Figures\NWB - June 2025\2028 WBM.dwg

N

6 991 500 N
6 990 000 N
6 988 500 N
6 987 000 N
6 985 500 N

535 500 E
537 000 E
538 500 E
540 000 E
541 500 E
543 000 E
544 500 E
546 000 E

AMMONIUM NITRATE STORAGE PAD
EMULSION PLANT
EXPLOSIVE MAGAZINES
CAMP EXPANSION (3 WINGS)
FRESHWATER INTAKE
D-SP6 NORTH
6 ML DIESEL TANK
INCINERATOR - COMPOSTER
SP6-TSF
SP6-Natural
B6-Natural
SP6-Water
D-SP6 WEST
B6-Water
B5-Natural
B5-Water
CP1-TSF
CP1-Water
TIRGANIAQ PORTAL 2
D-CP1
BERM-CP6
CP6
CHANNEL 9
DIFFUSER IN MELIADINE LAKE
SP1
CP1-WRSF1
SP6-WRSF1
CP1-WRSF2
TIR-01-WRSF2
TIR-03-WRSF2
BERM- CP2
CP2
CP2-Natural
CP2-Water
CP6-WRSF3
EXPLORATION CAMP
Facilities
TIRGANIAQ PORTAL 1
TIR-02
TIR-01
TIR-04
PORTAL 3
WN01
WN01-Natural
D-B5 NORTH
D-B5 SOUTH
WESMEG LANDFARM
Wes01
Orepad -Wes03
Wes03
Wes05
Wes04
Wes02-Natural
CP2-WRSF3
CHANNEL 10
B4-North -Natural
D-CP8 NORTH
B5South-Natural
A8-W-Natural
A8-E-Water
CHANNEL 22 (Partial)
D-A8 NORTH
D-A8 SOUTH
A8-E-Natural
CP8-Natural
Pump1-Natural
PUMP SALINE WRSF
PUMP P2 SALINE SUMP
CP8-North Water
D-CP8 WEST
D-CP8 EAST
Pump2
Pump4
A8-W-Natural
A26
PORTAL LOCATION
Pump1
Pump5
ORE PAD
Pump3
Pump1-Natural
Pump1-WRSF6
TANKS AND GENSET
FZone1-Natural
FZone2-#19-Natural
A-CHAIN WATER DIVERSION
D-A6
FZone1
FZone2-US-#1-Natural
A6-Water
FZone2
FZone3
A1
TANKS AND GENSET
D-CP8 SOUTH
CHANNEL 11
SumpP5-Natural
CHANNEL 12
SUMP P5
BERM-P5
B4-South-Natural
CHANNEL 16
BERM-F2
Facilities
FZone3-Natural
FUEL FARM
SUMPF2-Natural
SUMPF2-WRSF7
WRSF7
ALL WEATHER ACCESS ROAD WATERLINE
15.8km TO DISCOVERY DEPOSIT
SUMP F2
SUMPF1-WRSF7
CHANNEL 15
A6-Natural
CHANNEL 14
SUMP F1



LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
- PIPE LINE
- DIVERSION CHANNEL
- CONTACT WATER POND
- SALINE POND
- WATER
- DEWATERED
- APPROVED DIFFUSER
- VENT RAISES
- OPEN PITS COMPLETED
- OPEN PITS IN PROGRESS
- TAILINGS STORAGE FACILITY IN PROGRESS
- WASTE ROCK STORAGE FACILITY COMPLETED

DATE SAVED:	Jun 07, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

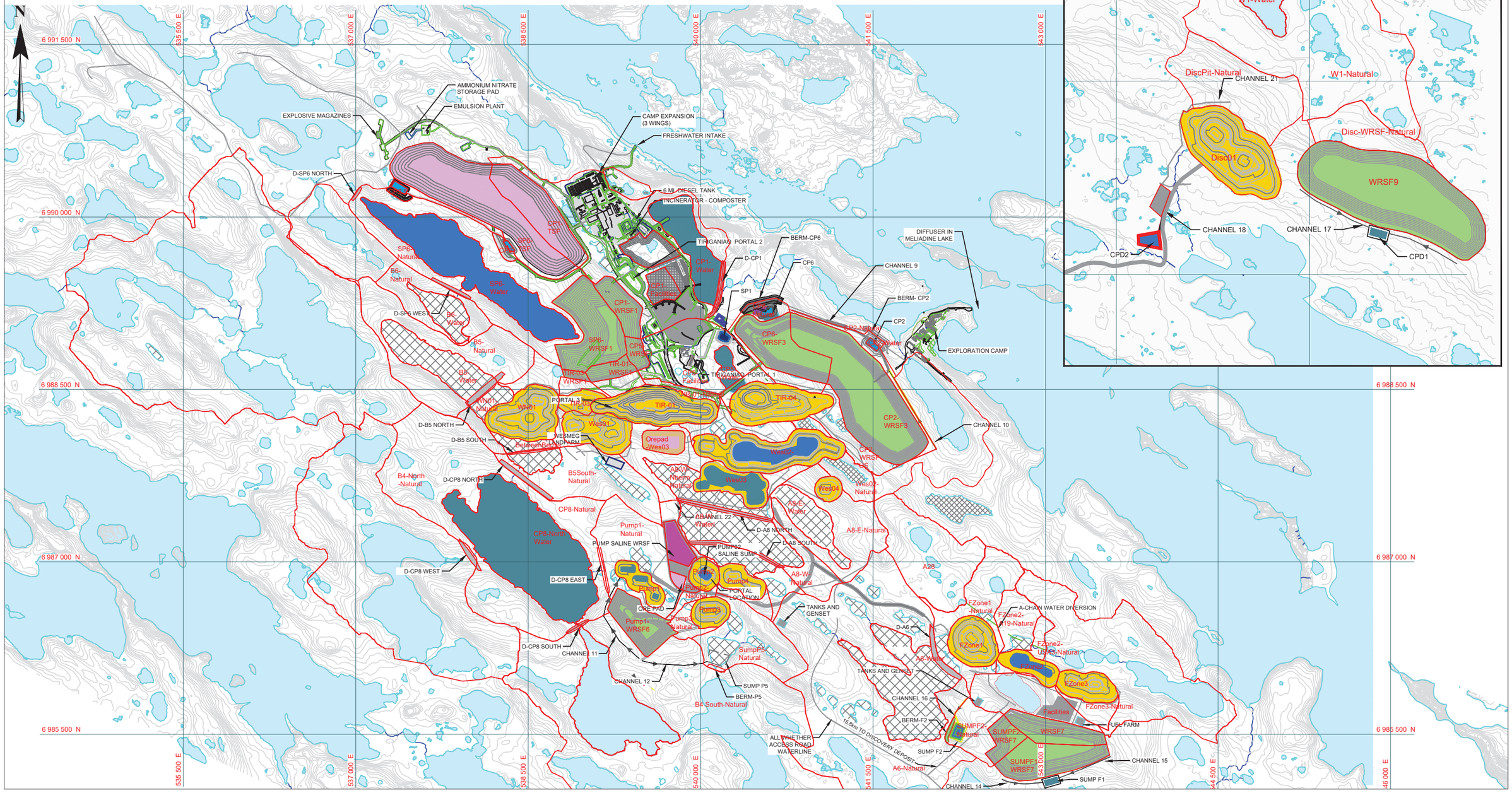
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2029

PROJECT #: A667-4

FIGURE: A1.5

P:\@Drafting\Meliadine\Drafting Figures\Autocad\Autocad Figures\NWB - June 2025\2029 WBM.dwg



LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
- PIPE LINE
- DIVERSION CHANNEL
- CONTACT WATER POND
- SALINE POND
- WATER
- DEWATERED
- APPROVED DIFFUSER
- VENT RAISES
- OPEN PITS COMPLETED
- OPEN PITS IN PROGRESS
- TAILINGS STORAGE FACILITY IN PROGRESS
- WASTE ROCK STORAGE FACILITY COMPLETED

DATE SAVED:	Jun 06, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

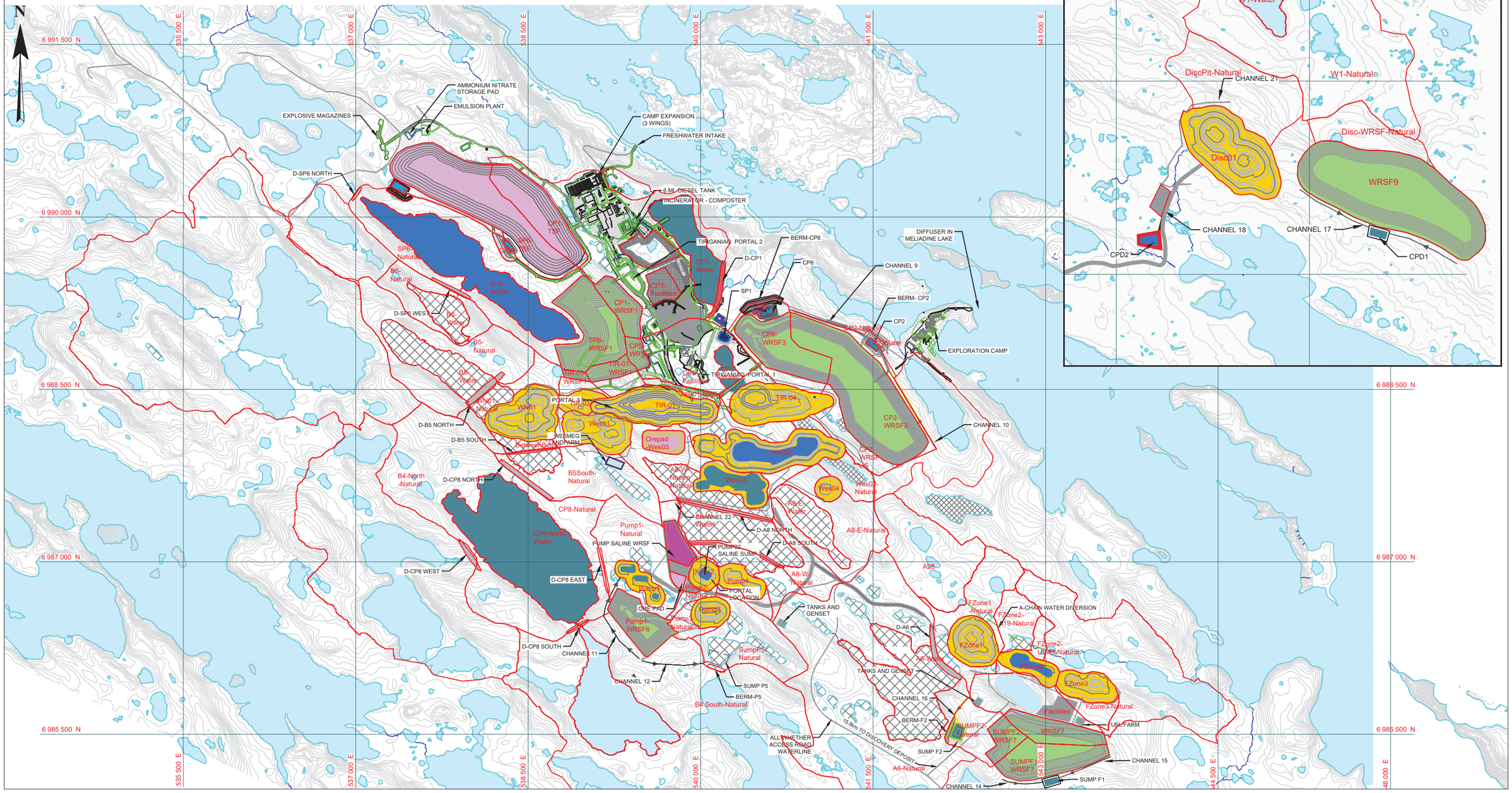
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2030

PROJECT #: A667-4

FIGURE: A1.6

P:\@Drafting\Meliadine\Drafting Figures\Autocad\Autocad Figures\NWB - June 2025\2030 WBM.dwg



LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
- PIPE LINE
- DIVERSION CHANNEL
- CONTACT WATER POND
- SALINE POND
- WATER
- DEWATERED
- APPROVED DIFFUSER
- VENT RAISES
- OPEN PITS COMPLETED
- OPEN PITS IN PROGRESS
- TAILINGS STORAGE FACILITY IN PROGRESS
- WASTE ROCK STORAGE FACILITY COMPLETED

DATE SAVED:	Jun 06, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2031

PROJECT #: A667-4

FIGURE: A1.7

P:\@Drafting\Meliadine\Drafting Figures\Autocad\Autocad Figures\NWB - June 2025\EOM WBM.dwg

534,000 536,000 538,000 540,000 542,000 544,000

6,992,000 6,990,000 6,988,000 6,986,000 6,984,000

N

WRSF-01
Berm
WRSF-01
Flow to Tiri Pit Lake (via Constructed Entity)
CP1
Flow to Meliadine Lake
WRSF-03
Tir02/04 Pit Lake
J1
Flow to Meliadine Lake
Meliadine Lake
Tiri Pit Lake
NORWES Pit Lake
WES Pit Lake
Flow to West A8
WES-04 Pit Lake
Flow to East A8
West A8
East A8
A28
A20
A22
A31
A30
A7
North B4
Pump-01 Pit Lake
Pump-02 Pit Lake
Pump-04 Pit Lake
Pump-03 Pit Lake
WRSF-06
Meliadine Lake
B2
B41
South B4
B54
B45
A44
A45
A6
A2
FZONE Pit Lake
Flow to A1
Flow to Meliadine Lake
A1
WRSF-07
D23
D4
D5
D6
D7
D8
B7
B6
B5

CP12
Flow to Discovery Pit
Discovery Pit Lake
Flow to Chickenhead Lake
WRSF9
Chickenhead Lake

LEGEND

- Prediction Node Catchment
- Reclaimed Mine Infrastructure
- Waterbody
- 5m Contour
- 1m Contour

Coordinate System: NAD 1983 UTM Zone 15N
Projection: Transverse Mercator
Datum: North American 1983
Units: Meter

1:35,000

0 1 2 Km

DATE SAVED:	Jan 23, 2024
DRAWN BY:	GM
REVIEWED:	SJ
VERSION:	1

CLIENT:

AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT:

Meliadine Mine
WB/WQM

TITLE:

Post-Closure Flow Paths

PROJECT #: A667-4

FIGURE: A1.8

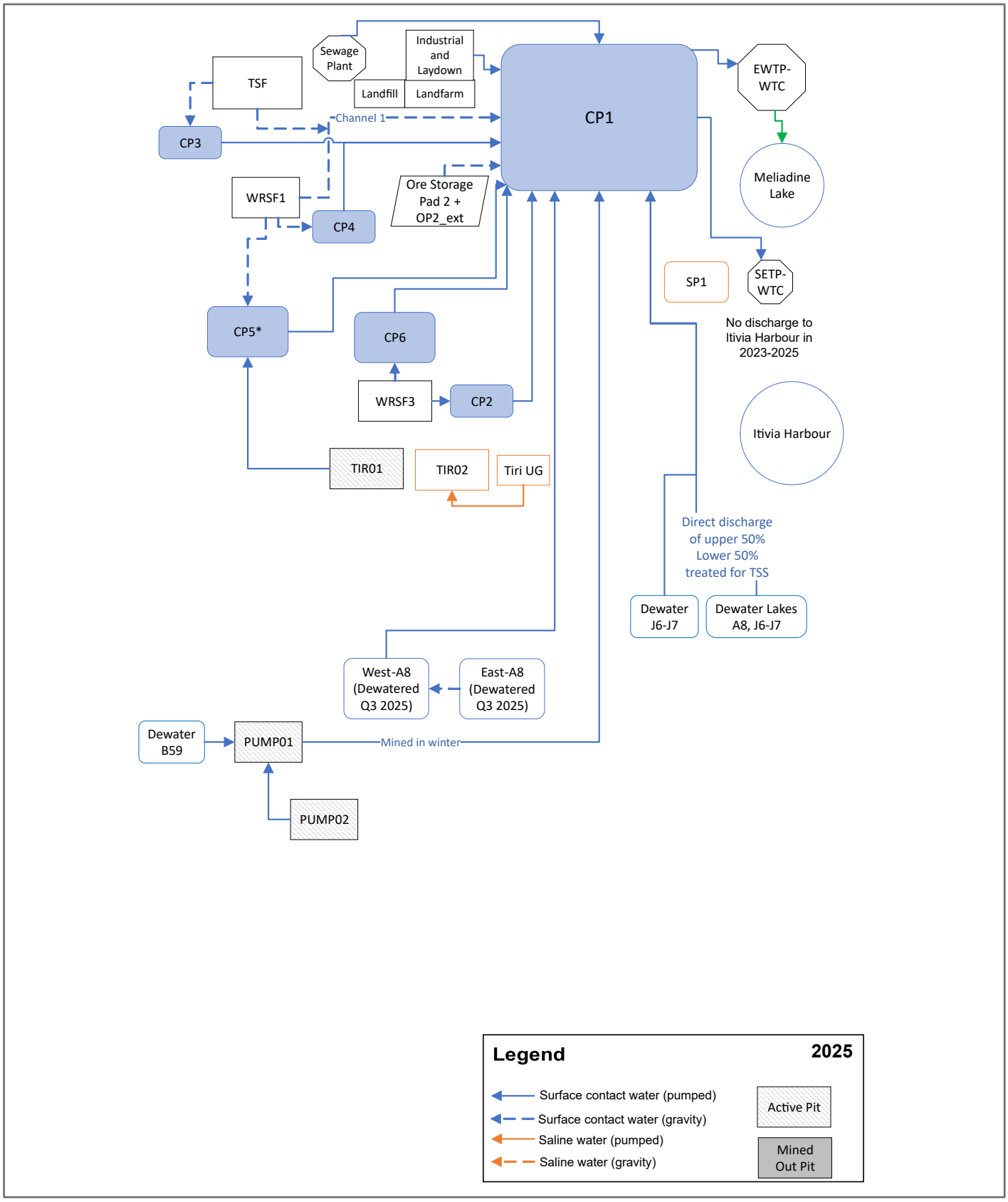
P:\@Drafting\Meliadine\Drafting Figures\MXD\Post-Closure Flow Paths.mxd

APPENDIX A.2: ANNUAL CATCHMENT AREAS

Catchment	***Catchment Area (m²)***					
	2025	***2026***	***2027***	***2028***	***2029***	***2030/2031***
A1	1,279,983	1,279,983	1,279,983	1,279,983	1,071,136	1,071,136
A22	528,118	528,118	528,118	528,118	528,118	528,118
A6-Natural	2,386,395	2,386,395	2,386,285	2,386,285	2,135,183	2,135,183
A6-Water	554,149	554,149	554,149	554,149	498,556	498,556
A8-E-Natural	378,085	378,085	378,085	378,085	378,085	378,085
A8-E-Water	169,801	169,801	169,801	169,801	169,801	169,801
A8-W-BetweenBerms	306,870	306,870	306,870	306,870	306,870	306,870
A8-W-NBerm-Natural	701,137	701,137	701,137	701,137	261,905	135,981
A8-W-NBerm-Water	247,225	247,225	247,225	247,225	247,225	180,539
A8-W-BetweenBerms-Natural	165,164	153,094	153,094	153,094	153,094	153,094
A8-W-SBerm-Natural	124,769	112,432	112,432	112,432	82,986	82,986
A8-W-SBerm-Water	186,332	186,332	186,332	186,332	102,438	102,438
B2	2,273,186	2,273,186	2,273,186	2,273,186	2,273,186	2,273,186
B4South-Natural	10,476,243	10,476,225	10,476,217	10,476,217	10,409,772	10,409,772
B4South-Water	473,938	473,938	473,938	473,938	473,938	473,938
B5-BetweenBerms-Natural	546,289	313,856	313,856	313,856	82,131	82,131
B5-Natural	528,952	528,952	528,952	528,952	528,952	528,952
B5-Pond	263,558	263,558	263,558	263,558	263,558	263,558
B5South-Natural	522,607	515,169	515,169	515,169	515,147	515,147
B6-Natural	214,684	214,684	214,684	214,684	214,684	214,684
B6-Water	118,001	118,001	118,001	118,001	118,001	118,001
CP1-Facilities	1,051,171	1,051,171	1,137,250	1,137,250	1,094,851	1,094,851
CP1-Water	255,766	255,766	255,766	255,766	255,766	255,766
CP1-WRSF1	111,456	111,456	111,456	111,456	111,456	111,456
CP1 - TSF	128,339	128,339	207,333	207,333	248,822	248,822
CP2-Natural	70,921	70,921	70,921	70,921	70,921	70,921
CP2-Water	5,745	5,745	5,745	5,745	5,745	5,745
CP2-WRSF3	641,321	641,321	641,321	641,321	641,321	641,321
CP2-WRSF3-US	413,418	413,418	413,418	413,418	136,781	136,781
CP3-Pond	17,755	17,755	--	--	--	--
CP3-Natural	111,485	111,485	--	--	--	--
CP5-Facilities	412,342	412,342	412,342	412,342	412,342	412,342
CP5-Water	50,675	50,675	50,675	50,675	50,675	50,675
CP5-WRSF1	40,263	40,263	40,263	40,263	40,263	40,263
CP6-Natural	172,963	172,963	172,963	172,963	127,526	127,526
CP6-WRSF3	262,862	262,862	262,862	262,862	262,862	262,862
CP7-Natural	418,195	418,195	418,195	418,195	209,357	209,357
CP7-Water	70,697	70,697	70,697	70,697	70,697	70,697
CP7-WRSF7	--	--	--	--	151,706	151,706
CP8-Natural	1,295,694	1,295,693	1,295,693	1,295,693	1,295,413	1,295,413
CP8-Water	863,381	863,381	863,381	863,381	863,381	863,381
D4	4,258,997	4,258,997	4,258,997	4,258,997	4,258,997	4,258,997
Disc-WRSF	--	--	--	--	605,463	605,463
Disc-WRSF-Natural	--	--	--	--	163,094	163,094
DiscPit	--	--	--	--	284,532	284,532
DiscPit-Natural	--	--	--	--	367,990	367,990
FZONE1	--	--	--	--	152,451	152,451
FZONE1-Natural	394,794	394,794	394,794	394,794	336,122	336,122
FZONE2	--	--	--	--	91,984	91,984
FZONE2-A19-Natural	181,073	181,073	181,073	181,073	153,111	153,111
FZONE2-Natural	--	--	--	--	11,767	11,767
FZONE2-USA3-Natural	60,528	60,528	60,528	60,528	44,561	44,561
FZONE3	--	--	--	--	114,686	114,686
FZONE3-Natural	--	--	--	--	70,566	70,566
Not Modeled	444,597	444,597	444,597	444,597	444,597	444,597
Orepad-WES-03	68,545	68,545	68,545	68,545	68,545	68,545
PUMP1	83,532	83,532	83,532	83,532	83,532	83,532
Pump1-WRSF6	160,182	160,085	160,085	160,085	160,085	160,085
PUMP1 - Natural	469,204	403,127	403,123	403,123	402,981	402,981
PUMP2	59,683	59,683	59,683	59,683	59,683	59,683
PUMP2-Natural	176,176	168,211	168,208	48,454	33,592	33,592
PUMP2-Disturbed	--	29,157	29,167	29,167	29,157	29,157
PUMP2-OREPAD	--	13,158	13,158	13,158	13,158	13,158
PUMP2-SALWRSF	--	63,579	63,579	63,579	63,579	63,579
PUMP3	--	--	--	75,002	75,002	75,002
PUMP3-Natural	--	--	--	62,735	49,922	49,922
PUMP4	--	--	--	--	82,199	82,199
PUMP4-Natural	--	--	--	--	47,250	47,250
SP6-Natural	1,184,996	1,184,996	969,541	969,541	461,308	461,308
SP6-TSF	222,550	222,550	402,171	402,171	821,890	821,890
SP6-Water	578,818	578,818	578,818	578,818	578,818	578,818
SP6-WRSF1	313,740	313,740	313,740	313,740	313,740	313,740
SPD-Water	--	--	--	--	17,237	17,237
SPD - Facilities	--	--	--	--	16,238	16,238
SUMPF1-WRSF7	--	--	--	--	226,487	226,487
SUMPF2-Natural	--	--	--	--	157,637	157,637
SUMPF2-WRSF7	--	--	--	--	76,840	76,840
SUMPP5-Natural	403,905	403,911	403,910	385,922	380,304	380,304
SUMPP5-WRSF6	--	--	--	--	83,928	83,928
TIR-01	266,384	266,384	266,384	266,384	266,384	266,384
TIR-01-Natural	32,136	32,136	32,136	32,136	32,136	32,136
TIR-01-WRSF1	57,644	57,644	57,644	57,644	57,644	57,644
TIR-03	--	--	--	--	55,732	55,732
TIR-03-Natural	86,842	86,842	86,842	86,842	37,687	37,687
TIR-03-WRSF1	15,553	15,553	15,553	15,553	15,553	15,553
TIR-04	83,161	83,161	83,161	83,161	244,801	244,801
TIR-04-Natural	72,668	72,668	72,668	72,668	70,151	70,151
US-WRSF1	54,050	54,050	54,050	54,050	54,050	54,050
W1-Natural	--	--	--	--	1,096,212	1,096,212
W1-Water	--	--	--	--	139,379	139,379
WES-01-Pit	171,574	171,574	171,574	171,574	171,574	171,574
WES-02-Natural	--	--	--	--	257,931	257,931
WES-02-Pit	--	--	--	--	341,253	341,253
WES-03-Natural	--	--	--	--	--	40,070
WES-03-Pit	--	--	--	--	--	152,557
WES-04-Natural	2,027	2,027	2,027	2,027	2,027	2,027
WES-04-Pit	41,674	41,674	41,674	41,674	41,674	41,674
WES-05-Natural	--	--	--	--	205,247	205,247
WES-05-Pit	--	--	--	--	145,381	145,381
WN01-Natural	--	--	--	--	225,062	225,062
WN01-Pit	--	232,520	232,520	232,520	232,520	232,520
	38784968	38784952	38784835	38784830	41960082	41960099

Appendix B: Annual Water Management Flow Diagrams

AGNICO EAGLE



DATE SAVED:	Jun 25, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

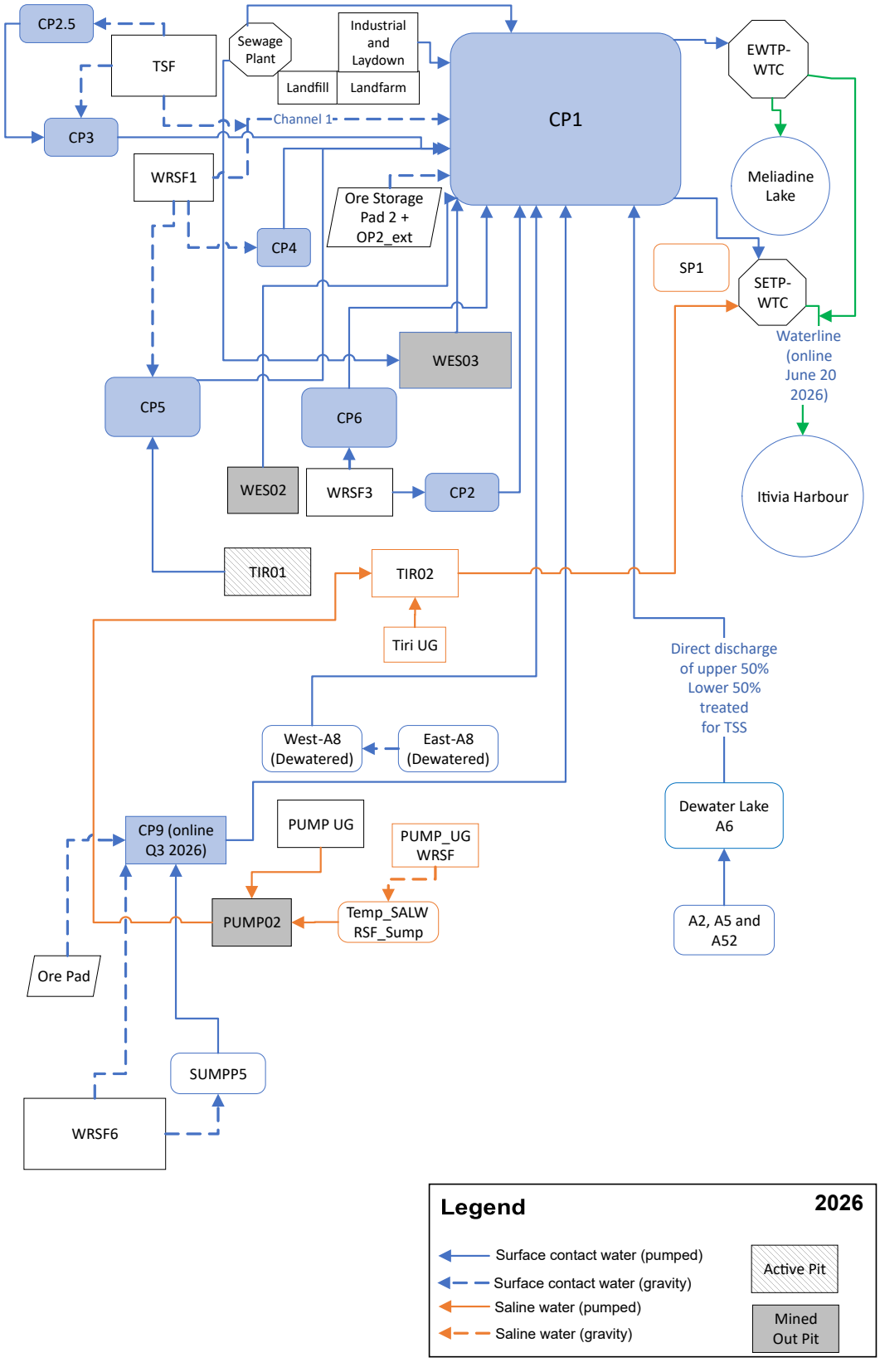
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Water Management Flow Diagram - 2025

PROJECT #: A667-4

FIGURE: B.1

P:\@202506\Meliadine\Drafting Figures\APRX\NWB Flow Diagrams_20250623.aprx



DATE SAVED:	Jun 25, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

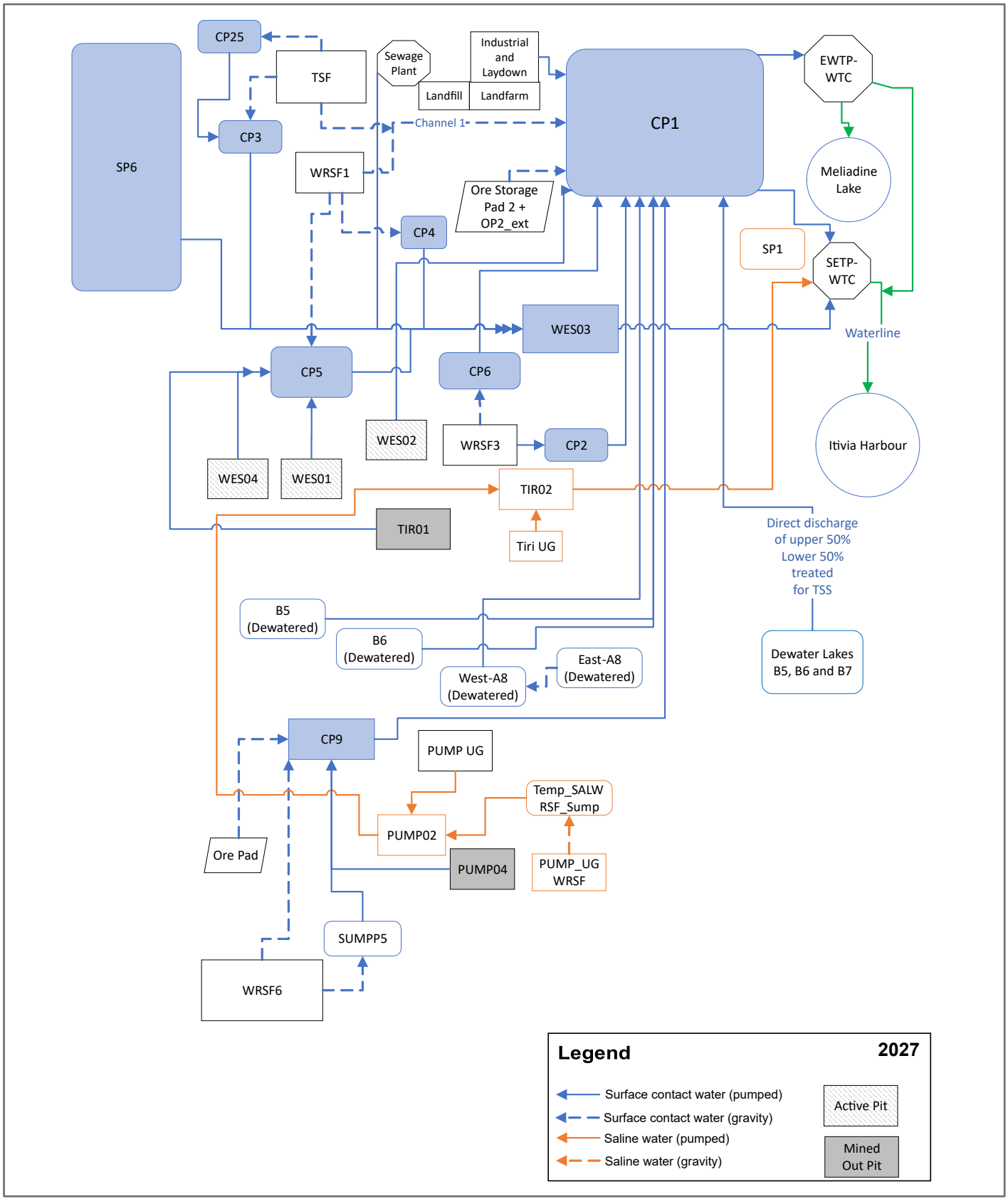
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Water Management Flow Diagram - 2026

PROJECT #: A667-4

FIGURE: B.2

P:\@202506\Meliadine\Drafting Figures\APRX\NWB Flow Diagrams_20250623.aprx



DATE SAVED:	Jun 25, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

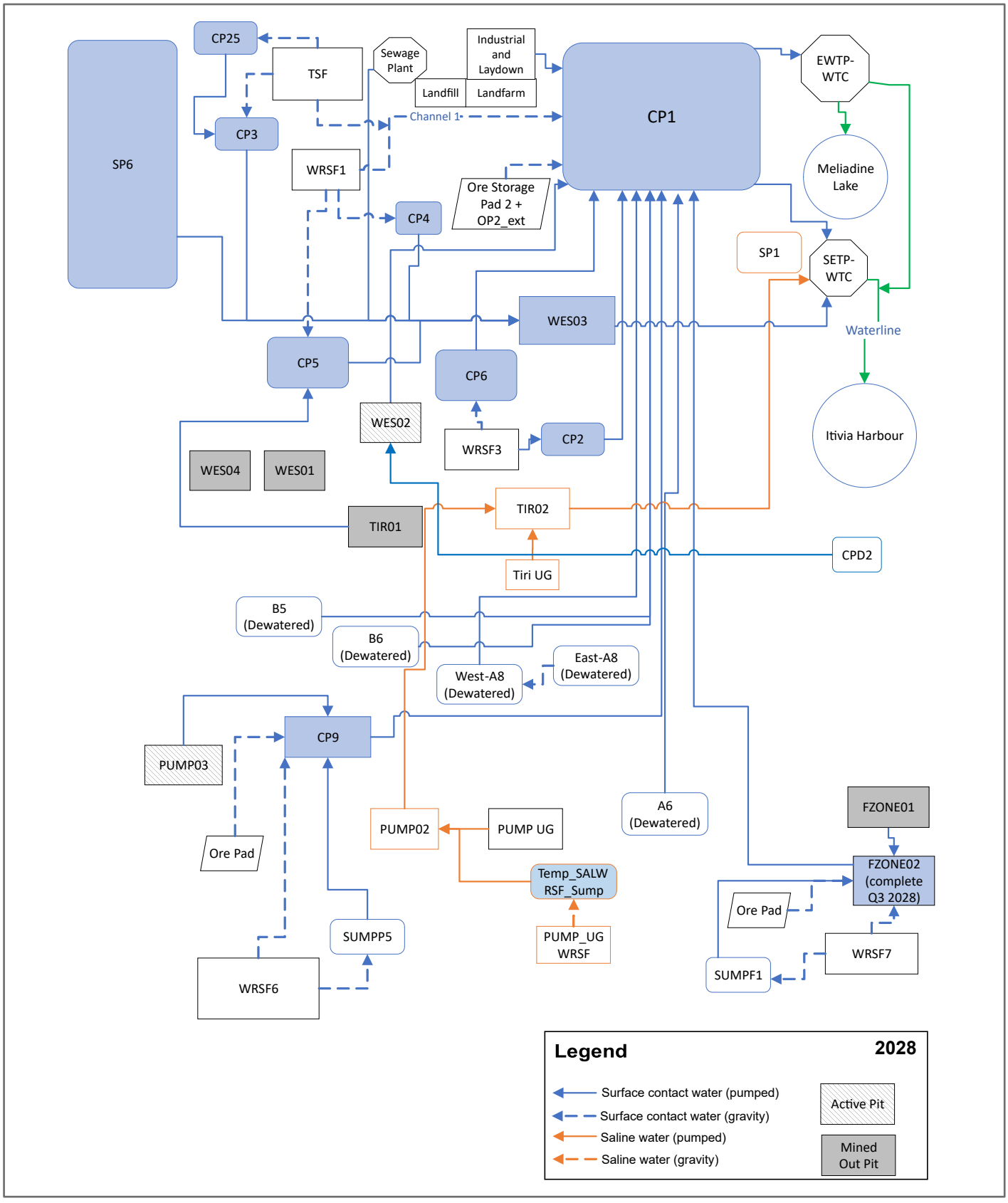
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Water Management Flow Diagram - 2027

PROJECT #: A667-4

FIGURE: B.3

P:\@202506\Meliadine\Drafting Figures\APRX\NWB Flow Diagrams_20250623.aprx



DATE SAVED:	Jun 25, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

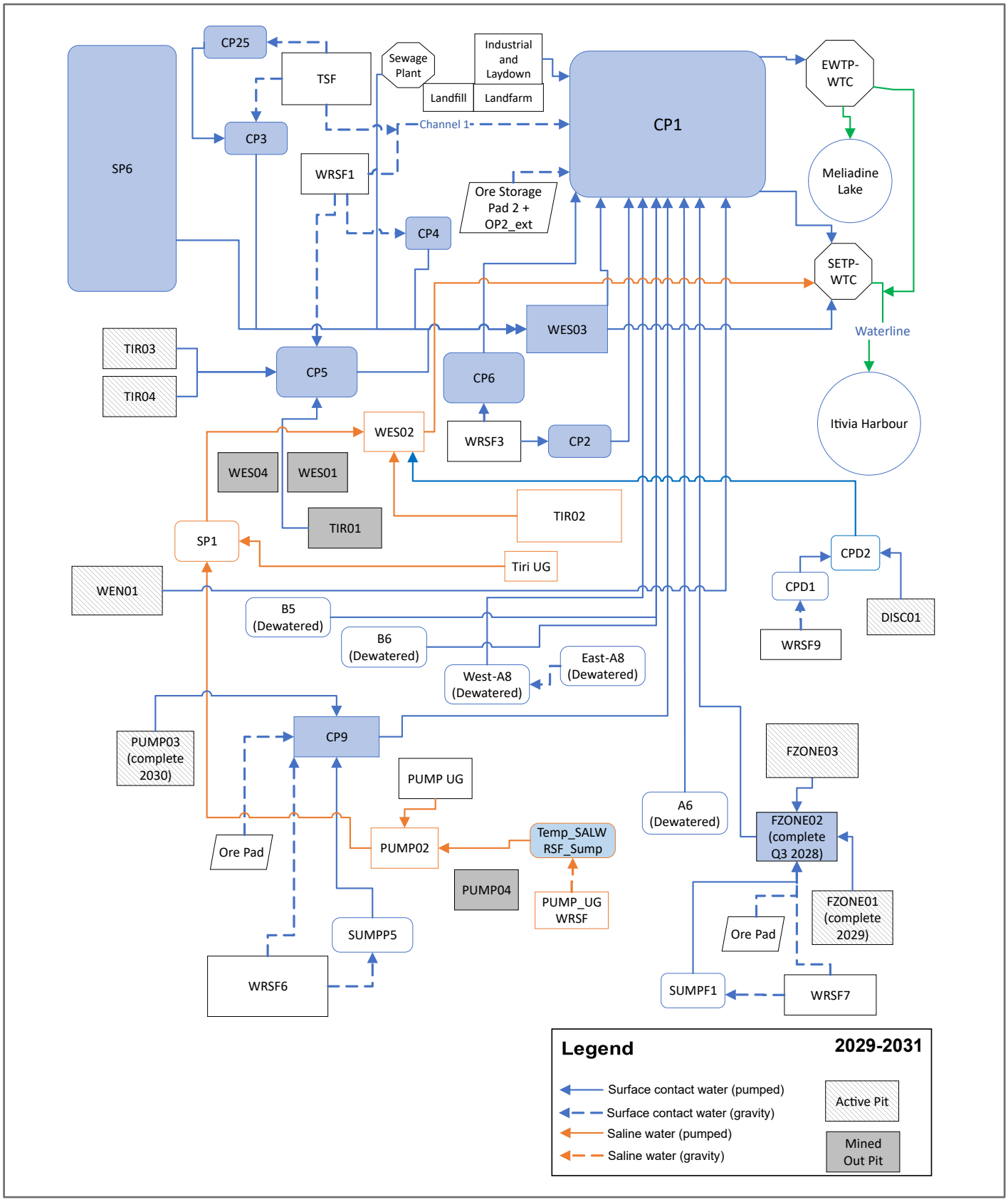
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Water Management Flow Diagram - 2028

PROJECT #: A667-4

FIGURE: B.4

P:\@202506\Meliadine\Drafting Figures\APRX\NWB Flow Diagrams_20250623.aprx



DATE SAVED:	Jun 25, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

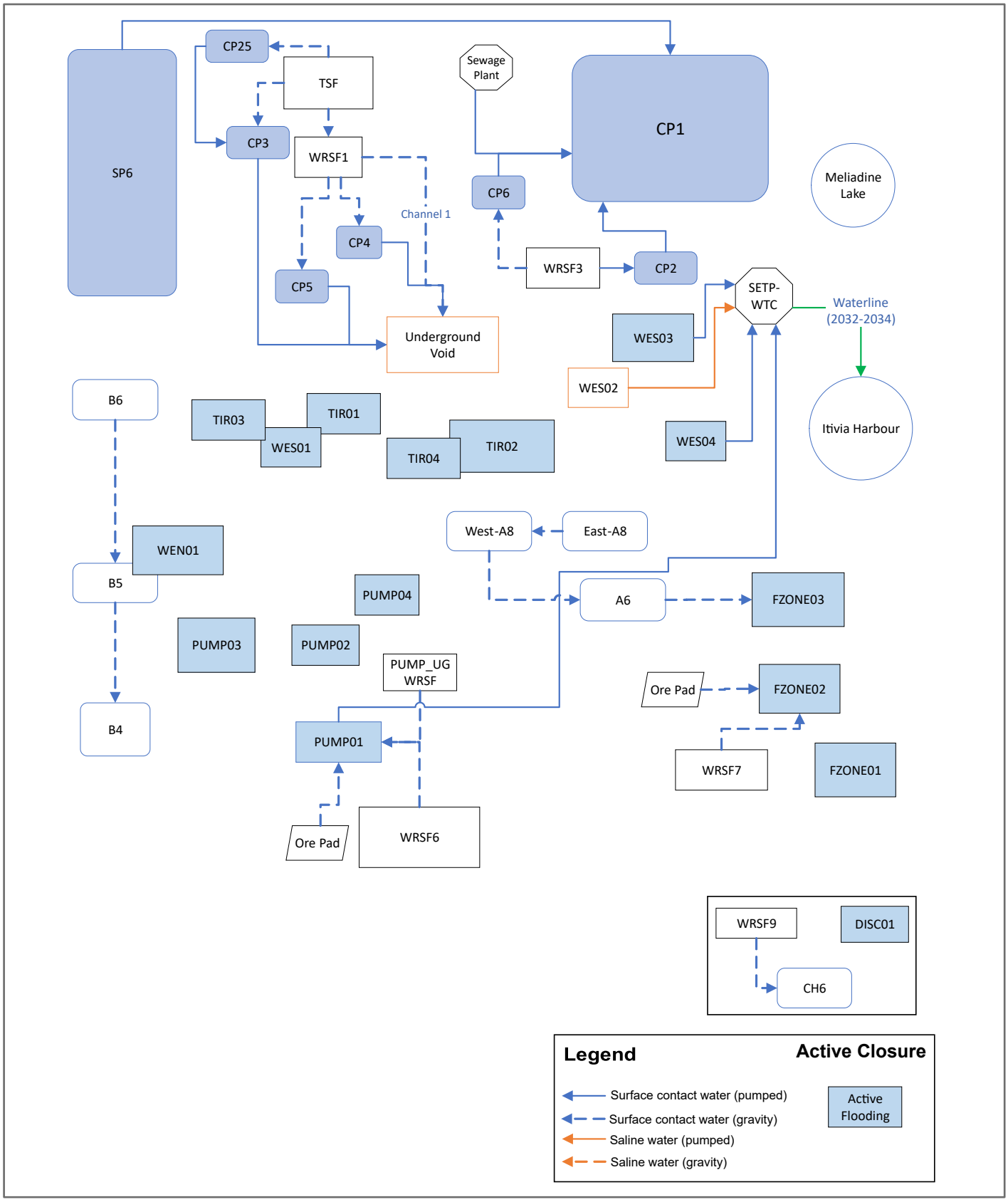
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Water Management Flow Diagram - 2029-2031

PROJECT #: A667-4

FIGURE: B.5

P:\@202506\Meliadine\Drafting Figures\APRX\NWB Flow Diagrams_20250623.aprx



DATE SAVED:	Jun 25, 2025
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT: **Meliadine Mine WB/WQM**

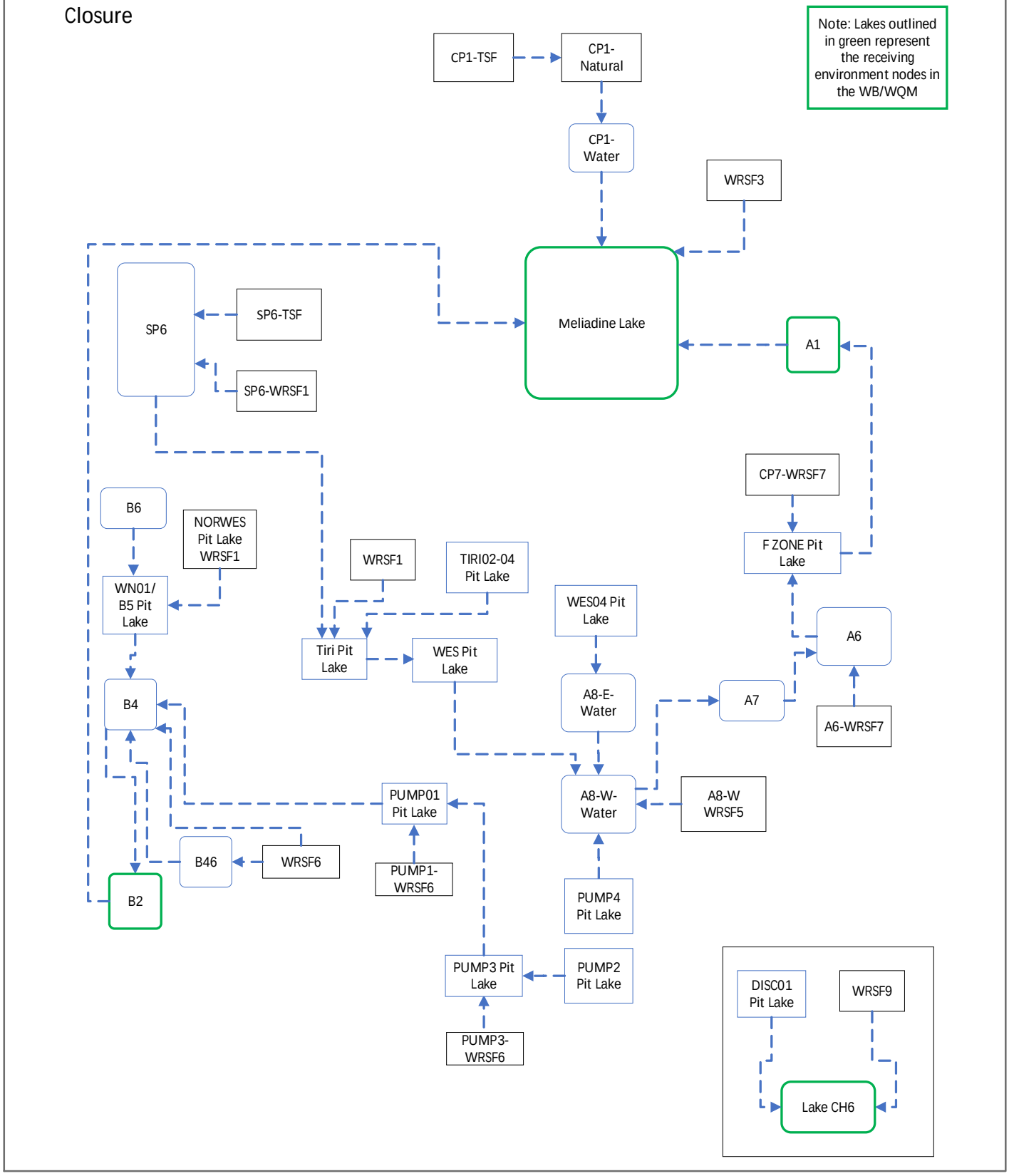
TITLE: Water Management Flow Diagram - Active Closure

PROJECT #: A667-4

FIGURE: B.6

P:\@202506\Meliadine\Drafting Figures\APRX\NWB Flow Diagrams_20250623.aprx

Closure



DATE SAVED:	Oct 25, 2024
DRAWN BY:	GM
REVIEWED:	SJ
VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT: **Meliadine Mine WB/WQM**

TITLE: Water Management Flow Diagram - Closure

PROJECT #: A667-1

FIGURE: B.5

P:\@Drafting\Meliadine\Drafting Figures\MXD\NWB Oct 2024\Flow Diagrams\WM Flow Diagram - Closure.mxd

Appendix C: Water Quality Model Results

C.1: End of Pipe

C.2: Open Pits, Natural, Lakes and Collection Ponds

C.3: Conjoined Pit Lakes

AGNICO EAGLE

APPENDIX C.1: END OF PIPE

Appendix C.1-1: EWTP-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operations (2025-2031): Min	39.3	0.14	0.295	0.003	18.7	0.00358	4.93	0.0000604	0.0000236	0.000000237	0.000335	0.000457	0.00568	0.000983	0.000000438	1.97	0.00000152	0.0000951
Operations (2025-2031): Mean	253	0.846	2.11	0.028	112	0.0373	33.1	0.000651	0.000295	0.00000241	0.00284	0.00314	0.0451	0.00815	0.00000382	13.3	0.0000133	0.000656
Operations (2025-2031): Max	1030	4.13	9.54	0.0982	489	0.124	131	0.00333	0.00109	0.00000938	0.0104	0.0168	0.165	0.0309	0.000018	57.6	0.000044	0.00317
NWB Water License/MDMER	***3500***	***14***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	***2***	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2031)																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul	321	1.1	3.67	0.0415	153	0.0452	41.8	0.000788	0.000262	0.00000276	0.00271	0.00429	0.0544	0.00907	0.00000488	16.1	0.0000158	0.000932
2025 Aug	922	3.35	9.54	0.0982	437	0.124	117	0.00291	0.00109	0.00000938	0.00968	0.014	0.147	0.0298	0.0000165	52	0.000043	0.00281
2025 Sep	1030	4.13	9.39	0.0861	489	0.118	131	0.00333	0.00103	0.00000913	0.0104	0.0168	0.165	0.0309	0.000018	57.6	0.000044	0.00317
2025 Oct	39.3	0.166	0.372	0.00293	18.7	0.00358	4.93	0.000131	0.0000293	0.000000301	0.000335	0.000667	0.00568	0.000983	0.000000667	2.13	0.00000152	0.000123
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun	42	0.14	0.427	0.00562	19.1	0.00679	5.75	0.000075	0.0000312	0.000000315	0.000377	0.000457	0.00856	0.00131	0.000000509	1.97	0.00000226	0.000105
2026 Jul	200	0.66	1.93	0.0249	89.2	0.0315	27.1	0.000399	0.00018	0.00000163	0.00202	0.00222	0.0396	0.00651	0.00000257	9.8	0.000011	0.000498
2026 Aug	152	0.564	1.17	0.0115	66.5	0.02	19.6	0.000513	0.00022	0.00000156	0.00192	0.00235	0.0252	0.00548	0.00000244	8.99	0.00000707	0.00043
2026 Sep	333	1.25	2.53	0.0263	147	0.0427	43.1	0.00103	0.000399	0.00000301	0.0038	0.00492	0.0567	0.0112	0.00000491	18.9	0.000015	0.000924
2026 Oct	49.4	0.159	0.295	0.00467	19.3	0.0069	6.78	0.0000604	0.0000236	0.000000237	0.000411	0.000467	0.01	0.00126	0.000000438	2.1	0.00000234	0.0000951
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun	335	0.904	2.16	0.0476	132	0.0601	46.1	0.000476	0.000356	0.00000291	0.00364	0.00244	0.0692	0.0105	0.00000367	15.2	0.0000208	0.000636
2027 Jul	115	0.288	0.672	0.0148	45.4	0.0209	15.4	0.000221	0.000182	0.00000128	0.00167	0.000853	0.0234	0.00419	0.00000155	5.71	0.00000795	0.000216
2027 Aug																		
2027 Sep	67.9	0.212	0.378	0.00519	25.8	0.0103	8.69	0.000206	0.000132	0.000000824	0.00116	0.000757	0.0125	0.0034	0.00000108	4.47	0.0000043	0.000145
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		
2028 Apr																		
2028 May																		
2028 Jun	302	0.812	1.97	0.0426	125	0.055	41	0.000575	0.000413	0.00000315	0.00392	0.0025	0.0605	0.0102	0.00000393	14.8	0.0000199	0.000631
2028 Jul	88.8	0.214	0.503	0.0109	37.5	0.0158	11.7	0.000189	0.000149	0.00000104	0.00138	0.000698	0.0177	0.00315	0.00000129	4.45	0.00000628	0.000174
2028 Aug																		
2028 Sep																		
2028 Oct	138	0.388	0.74	0.0127	50.4	0.0187	18.3	0.000167	0.0000772	0.000000707	0.00113	0.00104	0.0252	0.00282	0.00000115	5.75	0.00000601	0.000211
2028 Nov																		
2028 Dec																		

Appendix C.1-1: EWTP-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2029 Jan																		
2029 Feb																		
2029 Mar																		
2029 Apr																		
2029 May																		
2029 Jun	186	0.499	1.21	0.0268	72.6	0.0345	25.5	0.000293	0.000221	0.00000174	0.00219	0.00132	0.038	0.00599	0.00000211	8.7	0.0000117	0.00035
2029 Jul	251	0.614	1.52	0.035	103	0.0494	33.5	0.000522	0.000438	0.00000307	0.00389	0.00186	0.0517	0.0096	0.00000356	12.7	0.000018	0.000495
2029 Aug																		
2029 Sep																		
2029 Oct																		
2029 Nov																		
2029 Dec																		
2030 Jan																		
2030 Feb																		
2030 Mar																		
2030 Apr																		
2030 May																		
2030 Jun	140	0.381	0.965	0.0214	58.4	0.0268	19.2	0.000273	0.000197	0.00000153	0.00182	0.00119	0.0282	0.00489	0.00000186	6.96	0.00000936	0.000308
2030 Jul	94.6	0.242	0.605	0.0135	39.6	0.0184	12.7	0.000217	0.000171	0.0000012	0.00152	0.000795	0.0191	0.00367	0.00000143	4.96	0.000007	0.000205
2030 Aug																		
2030 Sep																		
2030 Oct																		
2030 Nov																		
2030 Dec																		
2031 Jan																		
2031 Feb																		
2031 Mar																		
2031 Apr																		
2031 May																		
2031 Jun	106	0.293	0.734	0.0157	45.2	0.0194	14.3	0.000225	0.000149	0.00000116	0.0013	0.00103	0.0202	0.00561	0.00000143	6.78	0.00000682	0.00026
2031 Jul	19.8	0.0505	0.119	0.00252	8.01	0.00345	2.62	0.0000415	0.0000303	0.000000219	0.000268	0.000175	0.00372	0.0011	0.000000267	1.3	0.00000129	0.0000434
2031 Aug																		
2031 Sep																		
2031 Oct	46.1	0.156	0.318	0.00445	18.3	0.00582	6.06	0.000111	0.0000372	0.00000033	0.000427	0.000549	0.00723	0.00117	0.000000511	2.34	0.00000203	0.000109
2031 Nov																		
2031 Dec																		

Appendix C.1-1: EWTP-Dissolved

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operations (2025-2031): Min	0.0000114	0.0000517	0.00117	0.000000223	0.625	0.88	0.00998	0.0000632	11	0.000344	0.00187	0.00000305	0.0000252	0.0000175	0.0308	0.0000013	0.0000725	0.0000295	0.0000707	0.0000506
Operations (2025-2031): Mean	0.0000842	0.000494	0.0195	0.00000301	3.73	5.86	0.0756	0.000486	67	0.00237	0.0508	0.000033	0.000222	0.000115	0.286	0.0000134	0.000495	0.000209	0.00074	0.000432
Operations (2025-2031): Max	0.000328	0.00166	0.0609	0.0000102	17	28.7	0.317	0.00193	287	0.00943	0.349	0.000103	0.000768	0.00049	1.05	0.0000515	0.00209	0.000805	0.00249	0.0015
NWB Water License/MDMER	***-***	***0.2***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***0.5***	***2***	***0.1***	***-***	***-***	***-***	***-***	***-***	***-***	***0.4***	***0.37***
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2031)																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul	0.000091	0.00048	0.0132	0.00000257	5.15	7.56	0.112	0.000544	92.1	0.00295	0.161	0.0000349	0.000214	0.000125	0.435	0.0000224	0.000646	0.000235	0.000813	0.00057
2025 Aug	0.000297	0.00156	0.0609	0.0000102	15	23.9	0.31	0.00163	259	0.00851	0.349	0.000103	0.000589	0.000386	1.05	0.0000515	0.00176	0.00072	0.00249	0.00144
2025 Sep	0.000328	0.00166	0.0525	0.00000936	17	28.7	0.317	0.00193	287	0.00943	0.223	0.0000924	0.000768	0.00049	0.902	0.0000375	0.00209	0.000805	0.00228	0.0015
2025 Oct	0.0000114	0.0000517	0.00117	0.000000223	0.645	1.15	0.0123	0.0000632	11	0.000344	0.00849	0.00000305	0.0000252	0.0000175	0.0308	0.0000013	0.0000725	0.0000299	0.0000707	0.0000506
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun	0.000013	0.0000753	0.00208	0.000000348	0.655	0.88	0.0128	0.0000911	11.6	0.000402	0.0166	0.00000529	0.0000423	0.0000202	0.0565	0.00000259	0.000101	0.0000295	0.000104	0.000084
2026 Jul	0.0000663	0.000381	0.0132	0.00000198	3.05	4.3	0.059	0.000436	54	0.0019	0.0718	0.0000301	0.000203	0.0000969	0.251	0.0000113	0.000464	0.000156	0.000536	0.000383
2026 Aug	0.0000549	0.000328	0.0157	0.00000217	2.29	4.09	0.0427	0.000305	38.7	0.00144	0.0209	0.000023	0.000134	0.0000779	0.119	0.00000451	0.000296	0.000116	0.000411	0.000214
2026 Sep	0.000114	0.000659	0.0265	0.00000394	5.02	8.8	0.0934	0.000673	85.6	0.00312	0.037	0.0000415	0.000295	0.00017	0.272	0.0000104	0.000663	0.000238	0.000794	0.000484
2026 Oct	0.0000147	0.0000951	0.00177	0.000000327	0.625	1	0.00998	0.000117	11.6	0.000436	0.00191	0.00000316	0.0000609	0.0000273	0.0412	0.00000133	0.000113	0.0000311	0.0000843	0.0000916
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun	0.000111	0.000731	0.0279	0.000004	4.2	5.8	0.0916	0.000659	82.6	0.00316	0.0152	0.0000536	0.000374	0.000153	0.466	0.0000226	0.000653	0.000282	0.00112	0.000671
2027 Jul	0.0000445	0.000293	0.015	0.00000208	1.41	2.02	0.0296	0.000238	27.5	0.00112	0.00523	0.000025	0.00014	0.0000547	0.146	0.00000692	0.000219	0.000125	0.000491	0.000232
2027 Aug																				
2027 Sep	0.0000419	0.000201	0.0142	0.0000014	0.859	1.6	0.017	0.000142	15	0.000672	0.00187	0.0000345	0.0000848	0.0000391	0.0529	0.0000017	0.000117	0.0000969	0.000275	0.000102
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				
2028 Apr																				
2028 May																				
2028 Jun	0.000103	0.000699	0.0308	0.00000454	3.92	5.49	0.0877	0.000598	76.8	0.00294	0.014	0.0000468	0.000317	0.000132	0.427	0.0000214	0.000565	0.000282	0.00117	0.000601
2028 Jul	0.0000336	0.000231	0.0116	0.00000178	1.09	1.59	0.0227	0.000195	21.9	0.000887	0.00387	0.0000163	0.000106	0.0000415	0.108	0.00000523	0.000167	0.000103	0.000399	0.000188
2028 Aug																				
2028 Sep																				
2028 Oct	0.0000402	0.000292	0.00575	0.00000103	1.31	2.63	0.0264	0.00028	30.2	0.00119	0.0028	0.0000059	0.000146	0.0000656	0.106	0.00000428	0.000206	0.0000897	0.000255	0.000238
2028 Nov																				
2028 Dec																				

Appendix C.1-1: EWTP-Dissolved

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2029 Jan																				
2029 Feb																				
2029 Mar																				
2029 Apr																				
2029 May																				
2029 Jun	0.0000607	0.000424	0.0169	0.0000024	2.29	3.22	0.0515	0.000359	45.7	0.00176	0.00835	0.0000249	0.000197	0.0000819	0.264	0.0000131	0.000341	0.000151	0.000645	0.000364
2029 Jul	0.0000946	0.000665	0.0347	0.00000497	3.2	4.32	0.0694	0.000514	62.3	0.00253	0.0124	0.0000476	0.000289	0.000115	0.354	0.0000175	0.000484	0.000262	0.00113	0.000529
2029 Aug																				
2029 Sep																				
2029 Oct																				
2029 Nov																				
2029 Dec																				
2030 Jan																				
2030 Feb																				
2030 Mar																				
2030 Apr																				
2030 May																				
2030 Jun	0.0000458	0.000318	0.0141	0.00000208	1.9	2.54	0.0437	0.000271	36.5	0.00137	0.00716	0.0000195	0.000137	0.0000586	0.218	0.0000113	0.000268	0.000121	0.000547	0.000279
2030 Jul	0.0000349	0.000242	0.0129	0.00000187	1.27	1.7	0.028	0.000193	24.1	0.000951	0.0049	0.0000167	0.000103	0.0000416	0.139	0.00000703	0.000181	0.000102	0.000441	0.000193
2030 Aug																				
2030 Sep																				
2030 Oct																				
2030 Nov																				
2030 Dec																				
2031 Jan																				
2031 Feb																				
2031 Mar																				
2031 Apr																				
2031 May																				
2031 Jun	0.0000689	0.00027	0.02	0.00000155	1.54	2.17	0.0399	0.000197	27.7	0.00107	0.0055	0.0000697	0.0000956	0.0000479	0.171	0.00000847	0.000198	0.000141	0.00039	0.000203
2031 Jul	0.0000143	0.0000556	0.00432	0.000000337	0.262	0.402	0.00667	0.000039	4.79	0.000198	0.00091	0.0000148	0.0000205	0.00000965	0.0273	0.00000127	0.0000353	0.0000302	0.0000761	0.0000376
2031 Aug																				
2031 Sep																				
2031 Oct	0.0000126	0.0000818	0.00233	0.000000326	0.584	1.11	0.013	0.0000732	11.1	0.000395	0.00126	0.00000259	0.0000319	0.0000188	0.0443	0.00000214	0.0000678	0.0000256	0.0000897	0.000062
2031 Nov																				
2031 Dec																				

Appendix C.1-2: EWTP-Total

Constituents	**Total Dissolved Solids**	**Ammonia-N**	**Nitrate-N**	**Nitrite-N**	**Chloride**	**Fluoride**	**Sulphate**	**Total Cyanide**	**Weakly Acid Dissociable Cyanide**	**Silver**	**Aluminum**	**Arsenic**	**Boron**	**Barium**	**Beryllium**	**Calcium**	**Cadmium**	**Cobalt**
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operations (2025-2031): Min	39.3	0.14	0.295	0.00293	18.7	0.00358	4.93	0.0000604	0.0000236	0.00000109	0.942	0.00144	0.00568	0.0049	0.00000887	2.67	0.0000045	0.000541
Operations (2025-2031): Mean	253	0.846	2.11	0.028	112	0.0373	33.1	0.000651	0.000295	0.00000326	0.944	0.00412	0.0451	0.0121	0.0000122	14	0.0000163	0.0011
Operations (2025-2031): Max	1030	4.13	9.54	0.0982	489	0.124	131	0.00333	0.00109	0.0000102	0.952	0.0178	0.165	0.0348	0.0000264	58.3	0.000047	0.00362
NWB Water License/MDMER	***3500***	***14***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	***2***	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2031)																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul	321	1.1	3.67	0.0415	153	0.0452	41.8	0.000788	0.000262	0.00000362	0.944	0.00528	0.0544	0.013	0.0000133	16.8	0.0000188	0.00138
2025 Aug	922	3.35	9.54	0.0982	437	0.124	117	0.00291	0.00109	0.0000102	0.951	0.015	0.147	0.0337	0.0000249	52.7	0.000046	0.00326
2025 Sep	1030	4.13	9.39	0.0861	489	0.118	131	0.00333	0.00103	0.00000999	0.952	0.0178	0.165	0.0348	0.0000264	58.3	0.000047	0.00362
2025 Oct	39.3	0.166	0.372	0.00293	18.7	0.00358	4.93	0.000131	0.0000293	0.00000116	0.942	0.00165	0.00568	0.0049	0.0000091	2.83	0.0000045	0.000569
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun	42	0.14	0.427	0.00562	19.1	0.00679	5.75	0.000075	0.0000312	0.00000117	0.942	0.00144	0.00856	0.00523	0.00000894	2.67	0.00000524	0.000551
2026 Jul	200	0.66	1.93	0.0249	89.2	0.0315	27.1	0.000399	0.00018	0.00000249	0.943	0.00321	0.0396	0.0104	0.000011	10.5	0.000014	0.000944
2026 Aug	152	0.564	1.17	0.0115	66.5	0.02	19.6	0.000513	0.00022	0.00000242	0.943	0.00334	0.0252	0.0094	0.0000109	9.69	0.0000101	0.000876
2026 Sep	333	1.25	2.53	0.0263	147	0.0427	43.1	0.00103	0.000399	0.00000387	0.945	0.00591	0.0567	0.0151	0.0000133	19.6	0.000018	0.00137
2026 Oct	49.4	0.159	0.295	0.00467	19.3	0.0069	6.78	0.0000604	0.0000236	0.00000109	0.942	0.00145	0.01	0.00518	0.00000887	2.8	0.00000532	0.000541
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun	335	0.904	2.16	0.0476	132	0.0601	46.1	0.000476	0.000356	0.00000377	0.945	0.00343	0.0692	0.0144	0.0000121	15.9	0.0000238	0.00108
2027 Jul	115	0.288	0.672	0.0148	45.4	0.0209	15.4	0.000221	0.000182	0.00000214	0.943	0.00184	0.0234	0.00811	0.00000998	6.41	0.0000109	0.000662
2027 Aug																		
2027 Sep	67.9	0.212	0.378	0.00519	25.8	0.0103	8.69	0.000206	0.000132	0.00000168	0.942	0.00174	0.0125	0.00732	0.00000951	5.17	0.00000728	0.000591
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		
2028 Apr																		
2028 May																		
2028 Jun	302	0.812	1.97	0.0426	125	0.055	41	0.000575	0.000413	0.00000401	0.945	0.00349	0.0605	0.0141	0.0000124	15.5	0.0000229	0.00108
2028 Jul	88.8	0.214	0.503	0.0109	37.5	0.0158	11.7	0.000189	0.000149	0.0000019	0.943	0.00168	0.0177	0.00707	0.00000972	5.15	0.00000926	0.00062
2028 Aug																		
2028 Sep																		
2028 Oct	138	0.388	0.74	0.0127	50.4	0.0187	18.3	0.000167	0.0000772	0.00000156	0.942	0.00203	0.0252	0.00674	0.00000958	6.45	0.00000899	0.000657
2028 Nov																		
2028 Dec																		

Appendix C.1-2: EWTP-Total

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2029 Jan																		
2029 Feb																		
2029 Mar																		
2029 Apr																		
2029 May																		
2029 Jun	186	0.499	1.21	0.0268	72.6	0.0345	25.5	0.000293	0.000221	0.0000026	0.943	0.00231	0.038	0.00991	0.0000105	9.4	0.0000147	0.000796
2029 Jul	251	0.614	1.52	0.035	103	0.0494	33.5	0.000522	0.000438	0.00000393	0.945	0.00285	0.0517	0.0135	0.000012	13.4	0.000021	0.000941
2029 Aug																		
2029 Sep																		
2029 Oct																		
2029 Nov																		
2029 Dec																		
2030 Jan																		
2030 Feb																		
2030 Mar																		
2030 Apr																		
2030 May																		
2030 Jun	140	0.381	0.965	0.0214	58.4	0.0268	19.2	0.000273	0.000197	0.00000239	0.943	0.00218	0.0282	0.00881	0.0000103	7.66	0.0000123	0.000754
2030 Jul	94.6	0.242	0.605	0.0135	39.6	0.0184	12.7	0.000217	0.000171	0.00000206	0.943	0.00178	0.0191	0.00759	0.00000986	5.66	0.00000998	0.000651
2030 Aug																		
2030 Sep																		
2030 Oct																		
2030 Nov																		
2030 Dec																		
2031 Jan																		
2031 Feb																		
2031 Mar																		
2031 Apr																		
2031 May																		
2031 Jun	106	0.293	0.734	0.0157	45.2	0.0194	14.3	0.000225	0.000149	0.00000202	0.942	0.00202	0.0202	0.00953	0.00000986	7.48	0.0000098	0.000706
2031 Jul	19.8	0.0505	0.119	0.00252	8.01	0.00345	2.62	0.0000415	0.0000303	0.00000107	0.941	0.00116	0.00372	0.00502	0.0000087	2	0.00000427	0.00049
2031 Aug																		
2031 Sep																		
2031 Oct	46.1	0.156	0.318	0.00445	18.3	0.00582	6.06	0.000111	0.0000372	0.00000119	0.942	0.00153	0.00723	0.00509	0.00000894	3.04	0.00000501	0.000555
2031 Nov																		
2031 Dec																		

Appendix C.1-2: EWTP-Total

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operations (2025-2031): Min	0.0021	0.00111	1.11	0.0000016	0.77	1.21	0.0227	0.0000739	11.2	0.00142	0.00187	0.000111	0.0000367	0.0000284	0.0336	0.00000412	0.0000824	0.00197	0.00134	0.0000507
Operations (2025-2031): Mean	0.00217	0.00155	1.13	0.00000439	3.88	6.19	0.0883	0.000497	67.2	0.00345	0.0508	0.000141	0.000234	0.000126	0.289	0.0000162	0.000505	0.00215	0.00201	0.000432
Operations (2025-2031): Max	0.00241	0.00272	1.17	0.0000116	17.1	29	0.33	0.00194	287	0.0105	0.349	0.000211	0.000779	0.000501	1.05	0.0000543	0.0021	0.00274	0.00376	0.0015
NWB Water License/MDMER	***-***	***0.2***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***0.5***	***2***	***0.1***	***-***	***-***	***-***	***-***	***-***	***-***	***0.4***	***0.37***
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2031)																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul	0.00218	0.00154	1.12	0.00000395	5.3	7.89	0.125	0.000555	92.3	0.00402	0.161	0.000143	0.000225	0.000136	0.438	0.0000252	0.000656	0.00217	0.00208	0.00057
2025 Aug	0.00238	0.00262	1.17	0.0000116	15.1	24.2	0.323	0.00164	259	0.00958	0.349	0.000211	0.0006	0.000397	1.05	0.0000543	0.00177	0.00266	0.00376	0.00144
2025 Sep	0.00241	0.00272	1.16	0.0000107	17.1	29	0.33	0.00194	287	0.0105	0.223	0.0002	0.000779	0.000501	0.905	0.0000403	0.0021	0.00274	0.00355	0.0015
2025 Oct	0.0021	0.00111	1.11	0.0000016	0.79	1.48	0.025	0.0000739	11.2	0.00142	0.00849	0.000111	0.0000367	0.0000284	0.0336	0.00000412	0.0000824	0.00197	0.00134	0.0000507
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun	0.0021	0.00113	1.11	0.00000172	0.8	1.21	0.0255	0.000102	11.8	0.00148	0.0166	0.000113	0.0000538	0.0000311	0.0593	0.00000541	0.000111	0.00197	0.00137	0.0000841
2026 Jul	0.00215	0.00144	1.12	0.00000336	3.2	4.63	0.0717	0.000447	54.2	0.00297	0.0718	0.000138	0.000214	0.000108	0.254	0.0000141	0.000474	0.00209	0.00181	0.000383
2026 Aug	0.00214	0.00138	1.13	0.00000355	2.44	4.42	0.0554	0.000316	38.9	0.00251	0.0209	0.000131	0.000145	0.0000888	0.122	0.00000733	0.000306	0.00205	0.00168	0.000214
2026 Sep	0.0022	0.00172	1.14	0.00000532	5.17	9.13	0.106	0.000684	85.8	0.00419	0.037	0.000149	0.000306	0.000181	0.275	0.0000132	0.000673	0.00217	0.00206	0.000484
2026 Oct	0.0021	0.00115	1.11	0.0000017	0.77	1.33	0.0227	0.000128	11.8	0.00151	0.00191	0.000111	0.0000724	0.0000382	0.044	0.00000415	0.000123	0.00197	0.00135	0.0000917
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun	0.0022	0.00179	1.14	0.00000538	4.35	6.13	0.104	0.00067	82.8	0.00423	0.0152	0.000162	0.000385	0.000164	0.469	0.0000254	0.000663	0.00222	0.00239	0.000671
2027 Jul	0.00213	0.00135	1.13	0.00000346	1.56	2.35	0.0423	0.000249	27.7	0.00219	0.00523	0.000133	0.000151	0.0000656	0.149	0.00000974	0.000229	0.00206	0.00176	0.000232
2027 Aug																				
2027 Sep	0.00213	0.00126	1.13	0.00000278	1	1.93	0.0297	0.000153	15.2	0.00175	0.00187	0.000142	0.0000963	0.00005	0.0557	0.00000452	0.000127	0.00203	0.00155	0.000102
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				
2028 Apr																				
2028 May																				
2028 Jun	0.00219	0.00176	1.14	0.00000592	4.07	5.82	0.1	0.000609	77	0.00401	0.014	0.000155	0.000328	0.000143	0.43	0.0000242	0.000575	0.00222	0.00244	0.000601
2028 Jul	0.00212	0.00129	1.12	0.00000316	1.24	1.92	0.0354	0.000206	22.1	0.00196	0.00387	0.000124	0.000117	0.0000524	0.111	0.00000805	0.000177	0.00204	0.00167	0.000188
2028 Aug																				
2028 Sep																				
2028 Oct	0.00213	0.00135	1.12	0.00000241	1.46	2.96	0.0391	0.000291	30.4	0.00226	0.0028	0.000114	0.000157	0.0000765	0.109	0.0000071	0.000216	0.00203	0.00153	0.000238
2028 Nov																				
2028 Dec																				

Appendix C.1-2: EWTP-Total

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2029 Jan																				
2029 Feb																				
2029 Mar																				
2029 Apr																				
2029 May																				
2029 Jun	0.00215	0.00148	1.13	0.00000378	2.44	3.55	0.0642	0.00037	45.9	0.00283	0.00835	0.000133	0.000208	0.0000928	0.267	0.0000159	0.000351	0.00209	0.00192	0.000364
2029 Jul	0.00218	0.00172	1.15	0.00000635	3.35	4.65	0.0821	0.000525	62.5	0.0036	0.0124	0.000156	0.0003	0.000126	0.357	0.0000203	0.000494	0.0022	0.0024	0.000529
2029 Aug																				
2029 Sep																				
2029 Oct																				
2029 Nov																				
2029 Dec																				
2030 Jan																				
2030 Feb																				
2030 Mar																				
2030 Apr																				
2030 May																				
2030 Jun	0.00213	0.00137	1.13	0.00000346	2.05	2.87	0.0564	0.000282	36.7	0.00244	0.00716	0.000127	0.000148	0.0000695	0.221	0.0000141	0.000278	0.00206	0.00182	0.000279
2030 Jul	0.00212	0.0013	1.12	0.00000325	1.42	2.03	0.0407	0.000204	24.3	0.00203	0.0049	0.000125	0.000114	0.0000525	0.142	0.00000985	0.000191	0.00204	0.00171	0.000193
2030 Aug																				
2030 Sep																				
2030 Oct																				
2030 Nov																				
2030 Dec																				
2031 Jan																				
2031 Feb																				
2031 Mar																				
2031 Apr																				
2031 May																				
2031 Jun	0.00216	0.00133	1.13	0.00000293	1.69	2.5	0.0526	0.000208	27.9	0.00214	0.0055	0.000178	0.000107	0.0000588	0.174	0.0000113	0.000208	0.00208	0.00166	0.000203
2031 Jul	0.0021	0.00111	1.12	0.00000171	0.407	0.737	0.0194	0.0000497	4.99	0.00127	0.00091	0.000123	0.000032	0.0000205	0.0301	0.00000409	0.0000452	0.00197	0.00135	0.0000377
2031 Aug																				
2031 Sep																				
2031 Oct	0.0021	0.00114	1.11	0.0000017	0.729	1.44	0.0257	0.0000839	11.3	0.00147	0.00126	0.00011	0.0000434	0.0000297	0.0471	0.00000496	0.0000777	0.00196	0.00136	0.0000621
2031 Nov																				
2031 Dec																				

Appendix C.1-3: Waterline-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operations (2025-2031): Min	228	0.598	1.44	0.0307	93.6	0.0404	30.4	0.000428	0.000327	0.00000252	0.003	0.00189	0.0429	0.00795	0.00000308	11.4	0.0000148	0.000477
Operations (2025-2031): Mean	6560	8.83	12.5	0.411	3910	0.0928	379	0.0138	0.0021	0.0000665	0.02	0.0326	0.259	0.0603	0.0000388	215	0.0000909	0.00143
Operations (2025-2031): Max	25100	36.2	45.2	1.79	15700	0.17	1360	0.0597	0.0068	0.000268	0.0771	0.124	0.704	0.181	0.000177	810	0.000265	0.00314
MDMER (Schedule 4, Table 2)	**-**	***19***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**
Active Closure (2032-2038): Min	222	0.831	1.2	0.0209	85	0.0366	39.2	0.000899	0.000399	0.00000417	0.0055	0.00234	0.085	0.0187	0.00000603	18.7	0.0000227	0.000428
Active Closure (2032-2038): Mean	10000	10.9	16.4	0.474	5870	0.11	610	0.0185	0.00246	0.000094	0.0194	0.0479	0.377	0.0857	0.0000408	317	0.000127	0.00245
Active Closure (2032-2038): Max	***28200***	***26***	***36***	***1.28***	***16800***	***0.181***	***1560***	***0.0495***	***0.00582***	***0.000268***	***0.0386***	***0.115***	***0.776***	***0.194***	***0.0000946***	***846***	***0.000289***	***0.00513***
MDMER (Schedule 4, Table 2)	**-**	***19***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2034)																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun	455	1.53	4.71	0.0619	207	0.074	62.4	0.000807	0.000328	0.00000338	0.00401	0.00498	0.0932	0.0141	0.00000548	21.3	0.0000244	0.00115
2026 Jul	925	3.19	8.39	0.0993	410	0.135	123	0.0023	0.00101	0.00000823	0.0104	0.0117	0.172	0.0314	0.000013	48.6	0.0000497	0.00242
2026 Aug	753	2.85	5.8	0.0541	330	0.0972	96.4	0.00266	0.00112	0.00000787	0.00969	0.012	0.123	0.0274	0.0000123	45.5	0.0000343	0.00217
2026 Sep	1230	4.62	9.01	0.0908	522	0.145	161	0.00323	0.0011	0.00000886	0.0128	0.0168	0.216	0.0378	0.0000156	65.4	0.0000564	0.00314
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun	278	0.739	1.76	0.0389	110	0.0501	38.1	0.000428	0.000327	0.00000258	0.00326	0.00204	0.0573	0.00904	0.00000321	12.9	0.0000178	0.000531
2027 Jul	464	1.16	2.61	0.056	184	0.091	61	0.00121	0.00103	0.00000658	0.0085	0.00384	0.0947	0.0212	0.00000771	26.4	0.0000348	0.000908
2027 Aug	538	1.47	2.73	0.0458	201	0.107	67.5	0.00228	0.00187	0.0000107	0.0146	0.00613	0.103	0.0395	0.0000123	44.1	0.0000479	0.00123
2027 Sep	10600	18	22.9	0.842	6610	0.101	538	0.0273	0.0035	0.000115	0.0435	0.0585	0.394	0.0916	0.000091	363	0.000134	0.00159
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		
2028 Apr																		
2028 May																		
2028 Jun	229	0.601	1.45	0.0314	95.4	0.0417	30.8	0.000462	0.000341	0.00000252	0.00319	0.00189	0.0458	0.00795	0.00000313	11.4	0.0000156	0.000477
2028 Jul	524	1.29	2.91	0.0609	224	0.0936	68.3	0.00122	0.000958	0.00000645	0.00881	0.00429	0.105	0.0195	0.000008	27	0.0000382	0.00104
2028 Aug	25100	36.2	45.2	1.79	15700	0.0682	1220	0.0597	0.0068	0.000268	0.0771	0.124	0.704	0.181	0.000177	810	0.000265	0.00158
2028 Sep	16200	23.5	30	1.12	9920	0.115	845	0.0369	0.00446	0.000169	0.0499	0.0803	0.539	0.124	0.000109	525	0.000188	0.00184
2028 Oct																		
2028 Nov																		
2028 Dec																		
2029 Jan																		
2029 Feb																		
2029 Mar																		
2029 Apr																		
2029 May																		
2029 Jun	331	0.909	2.1	0.045	126	0.0586	45.3	0.000484	0.000344	0.00000279	0.0036	0.00233	0.0669	0.00996	0.00000349	15.1	0.0000196	0.000596
2029 Jul	501	1.18	2.84	0.0644	209	0.0961	66.7	0.0011	0.000916	0.00000627	0.00803	0.00381	0.101	0.0193	0.00000742	25.8	0.0000354	0.00098
2029 Aug	6620	8.82	12.3	0.413	3940	0.0939	384	0.014	0.00224	0.0000678	0.0203	0.0328	0.256	0.0602	0.000039	217	0.0000918	0.00146
2029 Sep	23100	28.2	36.3	1.38	14100	0.0857	1220	0.0478	0.00559	0.000235	0.0514	0.105	0.655	0.167	0.00012	723	0.000246	0.00175
2029 Oct																		
2029 Nov																		
2029 Dec																		

Appendix C.1-3: Waterline-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2030 Jan																		
2030 Feb																		
2030 Mar																		
2030 Apr																		
2030 May																		
2030 Jun	247	0.67	1.7	0.0376	103	0.0472	33.8	0.000479	0.000344	0.00000268	0.00318	0.00209	0.0497	0.00859	0.00000326	12.2	0.0000164	0.000542
2030 Jul	569	1.46	3.31	0.0684	233	0.101	74.9	0.00127	0.000948	0.00000662	0.00864	0.00491	0.111	0.0203	0.00000814	29	0.0000386	0.00115
2030 Aug	14300	16.2	21.9	0.778	8540	0.0972	797	0.0276	0.00362	0.000142	0.0298	0.0637	0.448	0.11	0.0000653	445	0.000165	0.0017
2030 Sep	25100	27.3	35.8	1.33	15100	0.0922	1360	0.0478	0.00562	0.000248	0.0452	0.108	0.704	0.178	0.000108	770	0.000264	0.00182
2030 Oct																		
2030 Nov																		
2030 Dec																		
2031 Jan																		
2031 Feb																		
2031 Mar																		
2031 Apr																		
2031 May																		
2031 Jun	228	0.598	1.44	0.0307	93.6	0.0404	30.4	0.000482	0.000341	0.00000252	0.003	0.00208	0.0429	0.0125	0.00000308	14.9	0.0000148	0.00052
2031 Jul	624	1.65	3.65	0.0735	252	0.107	82.3	0.00137	0.000991	0.00000697	0.00885	0.00585	0.119	0.0349	0.00000866	41.3	0.0000408	0.00136
2031 Aug	19500	19.3	26.4	0.914	11500	0.119	1110	0.0348	0.00436	0.000186	0.0309	0.0834	0.596	0.143	0.0000708	596	0.000214	0.00211
2031 Sep	8910	10.6	15.6	0.449	5040	0.17	579	0.0153	0.00227	0.0000805	0.0202	0.0409	0.417	0.0781	0.0000357	282	0.000128	0.00215
2031 Oct																		
2031 Nov																		
2031 Dec																		
2032 Jan																		
2032 Feb																		
2032 Mar																		
2032 Apr																		
2032 May																		
2032 Jun	10400	9.61	13.3	0.473	6200	0.0366	578	0.0183	0.00215	0.0000992	0.0143	0.0426	0.286	0.0716	0.000035	313	0.000107	0.000693
2032 Jul	28200	26	36	1.28	16800	0.101	1560	0.0495	0.00582	0.000268	0.0386	0.115	0.776	0.194	0.0000946	846	0.000289	0.00189
2032 Aug	28000	25.8	35.9	1.27	16700	0.102	1550	0.0492	0.00578	0.000266	0.0384	0.114	0.773	0.192	0.000094	840	0.000288	0.00189
2032 Sep	26900	24.8	34.7	1.22	16000	0.0989	1490	0.0471	0.00554	0.000255	0.0369	0.11	0.743	0.184	0.0000901	805	0.000276	0.00182
2032 Oct																		
2032 Nov																		
2032 Dec																		
2033 Jan																		
2033 Feb																		
2033 Mar																		
2033 Apr																		
2033 May																		
2033 Jun	8500	7.84	12.7	0.386	5050	0.0395	475	0.0148	0.00174	0.0000805	0.0119	0.0347	0.247	0.0585	0.0000285	255	0.0000887	0.000631
2033 Jul	11400	13.2	22.2	0.548	6690	0.147	714	0.0211	0.00278	0.000106	0.0232	0.0574	0.466	0.1	0.0000486	365	0.000152	0.00356
2033 Aug	1760	6.43	11.6	0.131	838	0.179	238	0.00538	0.00118	0.0000129	0.0156	0.0272	0.295	0.0523	0.0000249	95.4	0.0000785	0.00513
2033 Sep	1690	6.16	11	0.127	794	0.177	237	0.00542	0.00112	0.0000123	0.0151	0.0264	0.289	0.0506	0.0000238	93.8	0.0000759	0.00491
2033 Oct																		
2033 Nov																		
2033 Dec																		
2034 Jan																		
2034 Feb																		
2034 Mar																		
2034 Apr																		
2034 May																		
2034 Jun	574	2.11	3.71	0.0442	265	0.0657	83.5	0.00182	0.000399	0.00000417	0.0055	0.00886	0.106	0.019	0.00000813	32.7	0.0000276	0.00166
2034 Jul	1530	5.63	9.86	0.119	702	0.181	229	0.00497	0.00107	0.0000111	0.015	0.0238	0.292	0.0518	0.0000218	88.7	0.0000753	0.00444
2034 Aug	826	2.98	5.1	0.0645	365	0.117	130	0.00318	0.00103	0.00000814	0.0106	0.0129	0.17	0.0359	0.0000136	54.8	0.0000468	0.00235
2034 Sep	222	0.831	1.2	0.0209	85	0.0763	39.2	0.000899	0.000899	0.00000505	0.0071	0.00234	0.085	0.0187	0.00000603	18.7	0.0000227	0.000428
2034 Oct																		
2034 Nov																		
2034 Dec																		

Appendix C.1-3: Waterline-Dissolved

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operations (2025-2031): Min	0.0000804	0.000549	0.0213	0.00000362	2.96	4.16	0.0653	0.000439	56.6	0.00225	0.0106	0.0000342	0.000224	0.000102	0.316	0.0000158	0.000411	0.000212	0.000867	0.000431
Operations (2025-2031): Mean	0.00157	0.00189	0.0938	0.0000103	61	35.9	0.177	0.015	1830	0.012	0.123	0.000291	0.00365	0.00162	5.33	0.00212	0.00134	0.00456	0.0134	0.034
Operations (2025-2031): Max	0.00613	0.00325	0.211	0.0000196	232	124	0.313	0.0616	7260	0.0311	0.384	0.00105	0.0132	0.0061	20.8	0.0128	0.00253	0.0218	0.05	0.143
MDMER (Schedule 4, Table 2)	***-***	***0.3***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***0.5***	***-***	***0.1***	***-***	***-***	***-***	***-***	***-***	***-***	***0.5***	***0.37***
Active Closure (2032-2038): Min	0.000195	0.000878	0.0303	0.00000439	4.64	5.6	0.0384	0.00108	52.3	0.00335	0.00762	0.000067	0.000587	0.000254	0.249	0.00000228	0.000903	0.000327	0.0012	0.000687
Active Closure (2032-2038): Mean	0.00216	0.00213	0.073	0.0000101	93.1	48	0.258	0.0225	2740	0.0171	0.256	0.000267	0.00538	0.00234	7.72	0.00155	0.00257	0.0048	0.0189	0.0499
Active Closure (2032-2038): Max	***0.00579***	***0.00314***	***0.109***	***0.000014***	***247***	***95.4***	***0.485***	***0.0608***	***7740***	***0.0338***	***0.605***	***0.000483***	***0.0141***	***0.0059***	***21.6***	***0.0046***	***0.00431***	***0.0128***	***0.1***	***0.146***
MDMER (Schedule 4, Table 2)	***-***	***0.3***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***0.50***	***-***	***0.1***	***-***	***-***	***-***	***-***	***-***	***-***	***0.50***	***0.37***
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2034)																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun	0.000139	0.000807	0.0213	0.00000362	7.15	9.55	0.14	0.000983	127	0.00437	0.185	0.0000555	0.000455	0.000219	0.622	0.0000287	0.0011	0.000313	0.00111	0.000912
2026 Jul	0.000324	0.00185	0.077	0.0000106	14.1	21.7	0.27	0.00194	245	0.00879	0.273	0.000158	0.000911	0.000457	1.01	0.0000436	0.00203	0.000764	0.00257	0.0016
2026 Aug	0.000272	0.00161	0.0775	0.0000109	11.5	20.7	0.213	0.0015	192	0.00711	0.0977	0.000107	0.000639	0.000385	0.571	0.0000214	0.00143	0.000564	0.00202	0.00101
2026 Sep	0.000429	0.00234	0.0838	0.0000112	17.7	31.7	0.313	0.00252	306	0.0113	0.126	0.000184	0.00126	0.000661	0.883	0.0000282	0.00253	0.000949	0.00254	0.00182
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun	0.0000953	0.000626	0.0259	0.00000369	3.48	4.83	0.0757	0.000551	68.4	0.00265	0.0127	0.000048	0.000316	0.000128	0.383	0.0000185	0.00054	0.000251	0.000997	0.00056
2027 Jul	0.00022	0.00142	0.0904	0.0000114	5.89	8.58	0.12	0.001	109	0.00478	0.0224	0.000146	0.000598	0.000236	0.569	0.000026	0.000889	0.000593	0.00238	0.000919
2027 Aug	0.000452	0.00221	0.197	0.0000196	7.25	12.5	0.15	0.00126	116	0.00596	0.0253	0.000417	0.000767	0.000327	0.52	0.0000188	0.000945	0.00111	0.00363	0.000842
2027 Sep	0.00284	0.00269	0.16	0.0000124	102	67.3	0.188	0.0276	3100	0.0173	0.119	0.00066	0.00606	0.00293	8.98	0.00647	0.00157	0.0108	0.0216	0.0605
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				
2028 Apr																				
2028 May																				
2028 Jun	0.000081	0.000549	0.0258	0.00000382	2.96	4.16	0.0653	0.000463	58	0.00225	0.0106	0.0000383	0.000249	0.000102	0.316	0.0000158	0.00043	0.000231	0.000943	0.000462
2028 Jul	0.000208	0.00143	0.0756	0.0000114	6.52	9.61	0.131	0.00116	129	0.00536	0.0222	0.000103	0.000658	0.000257	0.607	0.0000284	0.001	0.000644	0.00247	0.00112
2028 Aug	0.00613	0.00325	0.211	0.000015	232	124	0.204	0.0616	7260	0.0307	0.316	0.00105	0.0132	0.0061	20.8	0.0128	0.00152	0.0218	0.05	0.143
2028 Sep	0.00393	0.00321	0.149	0.0000135	149	85.6	0.228	0.0389	4620	0.024	0.184	0.000631	0.00881	0.00401	13.2	0.00739	0.00181	0.0132	0.032	0.0893
2028 Oct																				
2028 Nov																				
2028 Dec																				
2029 Jan																				
2029 Feb																				
2029 Mar																				
2029 Apr																				
2029 May																				
2029 Jun	0.000105	0.000734	0.0264	0.00000377	3.95	5.83	0.0865	0.00064	79.5	0.00307	0.0133	0.0000395	0.000355	0.000149	0.435	0.0000211	0.000596	0.000253	0.00103	0.000629
2029 Jul	0.000193	0.00137	0.0736	0.0000107	6.3	8.81	0.131	0.00108	124	0.00504	0.0234	0.0000993	0.00059	0.000235	0.649	0.0000315	0.000984	0.000545	0.00229	0.00107
2029 Aug	0.00156	0.00196	0.0969	0.0000121	61.2	36.1	0.175	0.0149	1850	0.0122	0.0963	0.000259	0.00366	0.0016	5.33	0.00207	0.0013	0.00451	0.0137	0.0343
2029 Sep	0.00523	0.00307	0.147	0.0000133	208	98.5	0.234	0.0525	6510	0.0292	0.307	0.00067	0.0119	0.00519	18.4	0.00758	0.00178	0.0151	0.045	0.125
2029 Oct																				
2029 Nov																				
2029 Dec																				

Appendix C.1-3: Waterline-Dissolved

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2030 Jan																				
2030 Feb																				
2030 Mar																				
2030 Apr																				
2030 May																				
2030 Jun	0.0000804	0.00056	0.0247	0.00000365	3.35	4.46	0.0768	0.000476	64.3	0.0024	0.0126	0.0000342	0.000241	0.000103	0.384	0.0000198	0.000471	0.000212	0.000959	0.000491
2030 Jul	0.000208	0.00146	0.0732	0.0000108	7.07	10.6	0.148	0.00116	138	0.00559	0.0239	0.0000948	0.000647	0.000265	0.684	0.0000327	0.00104	0.000595	0.0024	0.00113
2030 Aug	0.00315	0.00246	0.108	0.0000126	128	60.7	0.217	0.0315	3970	0.0203	0.223	0.000378	0.00746	0.00317	11.2	0.00349	0.00172	0.00814	0.028	0.0747
2030 Sep	0.00544	0.00309	0.129	0.0000134	223	96.2	0.248	0.0554	6980	0.0311	0.384	0.00058	0.0128	0.00542	19.6	0.00613	0.00214	0.014	0.0481	0.133
2030 Oct																				
2030 Nov																				
2030 Dec																				
2031 Jan																				
2031 Feb																				
2031 Mar																				
2031 Apr																				
2031 May																				
2031 Jun	0.00016	0.00062	0.0477	0.00000369	3.11	4.65	0.0802	0.000439	56.6	0.00228	0.011	0.000164	0.000224	0.000108	0.334	0.000016	0.000411	0.000334	0.000867	0.000431
2031 Jul	0.000458	0.00181	0.14	0.0000111	8.26	13	0.202	0.00127	149	0.00632	0.0263	0.000466	0.000695	0.000324	0.793	0.0000349	0.00114	0.000975	0.00241	0.00118
2031 Aug	0.00409	0.00302	0.109	0.0000131	172	75.4	0.278	0.0419	5340	0.0265	0.309	0.000416	0.00994	0.00421	15	0.00331	0.00229	0.00922	0.0368	0.0999
2031 Sep	0.00193	0.0031	0.0804	0.0000113	79.5	48.2	0.263	0.0191	2380	0.0184	0.14	0.000192	0.00516	0.0022	6.76	0.00135	0.00246	0.00429	0.0166	0.0425
2031 Oct																				
2031 Nov																				
2031 Dec																				
2032 Jan																				
2032 Feb																				
2032 Mar																				
2032 Apr																				
2032 May																				
2032 Jun	0.00214	0.00115	0.0402	0.00000504	91.1	35.2	0.0971	0.0225	2860	0.0124	0.21	0.000179	0.00519	0.00218	7.98	0.0017	0.000959	0.00474	0.0195	0.0541
2032 Jul	0.00579	0.00313	0.109	0.0000139	247	95.4	0.264	0.0608	7740	0.0338	0.578	0.000483	0.0141	0.0059	21.6	0.0046	0.00263	0.0128	0.0528	0.146
2032 Aug	0.00575	0.00314	0.108	0.000014	245	94.8	0.263	0.0604	7690	0.0337	0.596	0.000479	0.014	0.00586	21.4	0.00457	0.00263	0.0127	0.0524	0.145
2032 Sep	0.00552	0.00304	0.104	0.0000136	235	91	0.253	0.0579	7370	0.0325	0.605	0.00046	0.0134	0.00563	20.5	0.00438	0.00255	0.0122	0.0502	0.139
2032 Oct																				
2032 Nov																				
2032 Dec																				
2033 Jan																				
2033 Feb																				
2033 Mar																				
2033 Apr																				
2033 May																				
2033 Jun	0.00175	0.00111	0.033	0.00000537	74.3	29.4	0.085	0.0183	2330	0.011	0.413	0.000145	0.00431	0.00181	6.48	0.00138	0.000944	0.00388	0.0159	0.044
2033 Jul	0.00248	0.00273	0.0809	0.0000136	108	60.9	0.368	0.0253	3130	0.022	0.552	0.00031	0.00623	0.00273	8.81	0.00174	0.00352	0.00555	0.0215	0.0563
2033 Aug	0.000583	0.00246	0.0747	0.0000125	29.9	45.2	0.485	0.00524	476	0.0152	0.0287	0.000243	0.00166	0.000933	1.53	0.000079	0.00429	0.00139	0.00352	0.00365
2033 Sep	0.000564	0.00238	0.0719	0.000012	29.1	43.2	0.462	0.00578	452	0.0146	0.0277	0.00023	0.00164	0.000937	1.47	0.0000764	0.0042	0.00133	0.00338	0.00352
2033 Oct																				
2033 Nov																				
2033 Dec																				
2034 Jan																				
2034 Feb																				
2034 Mar																				
2034 Apr																				
2034 May																				
2034 Jun	0.00021	0.000878	0.0303	0.00000439	10.2	14.6	0.154	0.00216	152	0.00508	0.00939	0.0000964	0.000628	0.000344	0.514	0.0000247	0.00157	0.000479	0.0012	0.00123
2034 Jul	0.000572	0.00239	0.0835	0.0000119	27.7	39	0.409	0.00621	404	0.0137	0.0251	0.000264	0.00175	0.000954	1.39	0.0000657	0.00431	0.00129	0.00325	0.00334
2034 Aug	0.000414	0.00176	0.0847	0.00000908	15.3	21.2	0.223	0.00387	211	0.00782	0.0166	0.000245	0.00107	0.000579	0.77	0.0000345	0.00238	0.000878	0.00233	0.00183
2034 Sep	0.000195	0.00135	0.0562	0.00000601	4.64	5.6	0.0384	0.00108	52.3	0.00335	0.00762	0.000067	0.000587	0.000254	0.249	0.00000228	0.000903	0.000327	0.00124	0.000687
2034 Oct																				
2034 Nov																				
2034 Dec																				

Appendix C.1-4: Waterline-Total

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operations (2025-2031): Min	228	0.598	1.44	0.0307	93.6	0.0366	30.4	0.000428	0.000327	3.38E-06	0.944	0.00288	0.0429	0.0119	0.0000115	12.1	0.0000178	0.000923
Operations (2025-2031): Mean	6560	10.7	15	0.504	5340	0.0916	510	0.0177	0.00249	0.0000896	0.963	0.0425	0.314	0.0785	0.0000529	286	0.000115	0.00189
Operations (2025-2031): Max	25100	36.2	45.2	1.79	16800	0.17	1560	0.0597	0.0068	0.000269	1.02	0.125	0.776	0.198	0.000185	847	0.000292	0.00359
MDMER (Schedule 4, Table 2)	**-**	***19***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**
Active Closure (2032-2038): Min	1690	6.16	11	0.127	794	0.0366	237	0.00538	0.00112	0.0000132	0.953	0.0274	0.247	0.0545	0.0000322	94.5	0.0000789	0.00108
Active Closure (2032-2038): Mean	14600	15	22.2	0.679	8630	0.11	855	0.0264	0.00326	0.000138	0.965	0.0669	0.484	0.117	0.0000634	452	0.000172	0.00301
Active Closure (2032-2038): Max	***28200***	***26***	***36***	***1.28***	***16800***	***0.179***	***1560***	***0.0495***	***0.00582***	***0.000269***	***0.98***	***0.116***	***0.776***	***0.198***	***0.000103***	***847***	***0.000292***	***0.00558***
MDMER (Schedule 4, Table 2)	**-**	***19***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2034)																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun	455	1.53	4.71	0.0619	207	0.074	62.4	0.000807	0.000328	4.24E-06	0.945	0.00597	0.0932	0.018	0.0000139	22	0.0000274	0.0016
2026 Jul	925	3.19	8.39	0.0993	410	0.135	123	0.0023	0.00101	9.09E-06	0.952	0.0127	0.172	0.0353	0.0000214	49.3	0.0000527	0.00287
2026 Aug	753	2.85	5.8	0.0541	330	0.0972	96.4	0.00266	0.00112	8.73E-06	0.951	0.013	0.123	0.0313	0.0000207	46.2	0.0000373	0.00262
2026 Sep	1230	4.62	9.01	0.0908	522	0.145	161	0.00323	0.0011	9.72E-06	0.954	0.0178	0.216	0.0417	0.000024	66.1	0.0000594	0.00359
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun	278	0.739	1.76	0.0389	110	0.0501	38.1	0.000428	0.000327	3.44E-06	0.944	0.00303	0.0573	0.013	0.0000116	13.6	0.0000208	0.000977
2027 Jul	464	1.16	2.61	0.056	184	0.091	61	0.00121	0.00103	7.44E-06	0.95	0.00483	0.0947	0.0251	0.0000161	27.1	0.0000378	0.00135
2027 Aug	538	1.47	2.73	0.0458	201	0.107	67.5	0.00228	0.00187	0.0000116	0.956	0.00712	0.103	0.0434	0.0000207	44.8	0.0000509	0.00168
2027 Sep	10600	18	22.9	0.842	6610	0.101	538	0.0273	0.0035	0.000116	0.985	0.0595	0.394	0.0955	0.0000994	364	0.000137	0.00204
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		
2028 Apr																		
2028 May																		
2028 Jun	229	0.601	1.45	0.0314	95.4	0.0417	30.8	0.000462	0.000341	3.38E-06	0.944	0.00288	0.0458	0.0119	0.0000116	12.1	0.0000186	0.000923
2028 Jul	524	1.29	2.91	0.0609	224	0.0936	68.3	0.00122	0.000958	7.31E-06	0.95	0.00528	0.105	0.0234	0.0000164	27.7	0.0000412	0.00149
2028 Aug	25100	36.2	45.2	1.79	15700	0.0682	1220	0.0597	0.0068	0.000269	1.02	0.125	0.704	0.185	0.000185	811	0.000268	0.00203
2028 Sep	16200	23.5	30	1.12	9920	0.115	845	0.0369	0.00446	0.00017	0.991	0.0813	0.539	0.128	0.000117	526	0.000191	0.00229
2028 Oct																		
2028 Nov																		
2028 Dec																		
2029 Jan																		
2029 Feb																		
2029 Mar																		
2029 Apr																		
2029 May																		
2029 Jun	331	0.909	2.1	0.045	126	0.0586	45.3	0.000484	0.000344	3.65E-06	0.945	0.00332	0.0669	0.0139	0.0000119	15.8	0.0000226	0.00104
2029 Jul	501	1.18	2.84	0.0644	209	0.0961	66.7	0.0011	0.000916	7.13E-06	0.949	0.0048	0.101	0.0232	0.0000158	26.5	0.0000384	0.00143
2029 Aug	6620	8.82	12.3	0.413	3940	0.0939	384	0.014	0.00224	0.0000687	0.961	0.0338	0.256	0.0641	0.0000474	218	0.0000948	0.00191
2029 Sep	23100	28.2	36.3	1.38	14100	0.0857	1220	0.0478	0.00559	0.000236	0.993	0.106	0.655	0.171	0.000128	724	0.000249	0.0022
2029 Oct																		
2029 Nov																		
2029 Dec																		

Appendix C.1-4: Waterline-Total

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2030 Jan																		
2030 Feb																		
2030 Mar																		
2030 Apr																		
2030 May																		
2030 Jun	247	0.67	1.7	0.0376	103	0.0472	33.8	0.000479	0.000344	3.54E-06	0.944	0.00308	0.0497	0.0125	0.0000117	12.9	0.0000194	0.000988
2030 Jul	569	1.46	3.31	0.0684	233	0.101	74.9	0.00127	0.000948	7.48E-06	0.95	0.0059	0.111	0.0242	0.0000166	29.7	0.0000416	0.0016
2030 Aug	14300	16.2	21.9	0.778	8540	0.0972	797	0.0276	0.00362	0.000143	0.971	0.0647	0.448	0.114	0.0000737	446	0.000168	0.00215
2030 Sep	25100	27.3	35.8	1.33	15100	0.0922	1360	0.0478	0.00562	0.000249	0.986	0.109	0.704	0.182	0.000116	771	0.000267	0.00227
2030 Oct																		
2030 Nov																		
2030 Dec																		
2031 Jan																		
2031 Feb																		
2031 Mar																		
2031 Apr																		
2031 May																		
2031 Jun	228	0.598	1.44	0.0307	93.6	0.0404	30.4	0.000482	0.000341	3.38E-06	0.944	0.00307	0.0429	0.0164	0.0000115	15.6	0.0000178	0.000966
2031 Jul	624	1.65	3.65	0.0735	252	0.107	82.3	0.00137	0.000991	7.83E-06	0.95	0.00684	0.119	0.0388	0.0000171	42	0.0000438	0.00181
2031 Aug	19500	19.3	26.4	0.914	11500	0.119	1110	0.0348	0.00436	0.000187	0.972	0.0844	0.596	0.147	0.0000792	597	0.000217	0.00256
2031 Sep	8910	10.6	15.6	0.449	5040	0.17	579	0.0153	0.00227	0.0000814	0.961	0.0419	0.417	0.082	0.0000441	283	0.000131	0.0026
2031 Oct																		
2031 Nov																		
2031 Dec																		
2032 Jan																		
2032 Feb																		
2032 Mar																		
2032 Apr																		
2032 May																		
2032 Jun	10400	9.61	13.3	0.473	6200	0.0366	578	0.0183	0.00215	0.0001	0.955	0.0436	0.286	0.0755	0.0000434	314	0.00011	0.00114
2032 Jul	28200	26	36	1.28	16800	0.101	1560	0.0495	0.00582	0.000269	0.98	0.116	0.776	0.198	0.000103	847	0.000292	0.00234
2032 Aug	28000	25.8	35.9	1.27	16700	0.102	1550	0.0492	0.00578	0.000267	0.98	0.115	0.773	0.196	0.000102	841	0.000291	0.00234
2032 Sep	26900	24.8	34.7	1.22	16000	0.0989	1490	0.0471	0.00554	0.000256	0.978	0.111	0.743	0.188	0.0000985	806	0.000279	0.00227
2032 Oct																		
2032 Nov																		
2032 Dec																		
2033 Jan																		
2033 Feb																		
2033 Mar																		
2033 Apr																		
2033 May																		
2033 Jun	8500	7.84	12.7	0.386	5050	0.0395	475	0.0148	0.00174	0.0000814	0.953	0.0357	0.247	0.0624	0.0000369	256	0.0000917	0.00108
2033 Jul	11400	13.2	22.2	0.548	6690	0.147	714	0.0211	0.00278	0.000107	0.964	0.0584	0.466	0.104	0.000057	366	0.000155	0.00401
2033 Aug	1760	6.43	11.6	0.131	838	0.179	238	0.00538	0.00118	0.0000138	0.957	0.0282	0.295	0.0562	0.0000333	96.1	0.0000815	0.00558
2033 Sep	1690	6.16	11	0.127	794	0.177	237	0.00542	0.00112	0.0000132	0.956	0.0274	0.289	0.0545	0.0000322	94.5	0.0000789	0.00536
2033 Oct																		
2033 Nov																		
2033 Dec																		
2034 Jan																		
2034 Feb																		
2034 Mar																		
2034 Apr																		
2034 May																		
2034 Jun	574	2.11	3.71	0.0442	265	0.0657	83.5	0.00182	0.000399	5.03E-06	0.947	0.00985	0.106	0.0229	0.0000166	33.4	0.0000306	0.00211
2034 Jul	1530	5.63	9.86	0.119	702	0.181	229	0.00497	0.00107	0.000012	0.956	0.0248	0.292	0.0557	0.0000302	89.4	0.0000783	0.00489
2034 Aug	826	2.98	5.1	0.0645	365	0.117	130	0.00318	0.00103	0.000009	0.952	0.0139	0.17	0.0398	0.000022	55.5	0.0000498	0.0028
2034 Sep	222	0.831	1.2	0.0209	85	0.0763	39.2	0.000899	0.000899	5.91E-06	0.948	0.00333	0.085	0.0226	0.0000145	19.4	0.0000257	0.000874
2034 Oct																		
2034 Nov																		
2034 Dec																		

Appendix C.1-4: Waterline-Total

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operations (2025-2031): Min	0.00217	0.00161	1.13	0.000005	3.11	4.49	0.078	0.00045	56.8	0.00332	0.0106	0.000142	0.000235	0.000113	0.319	0.0000186	0.000421	0.00215	0.00214	0.000431
Operations (2025-2031): Mean	0.00412	0.00305	1.2	0.0000118	81.6	42.4	0.195	0.0201	2490	0.0153	0.177	0.000415	0.00481	0.0021	7.13	0.00237	0.00147	0.00736	0.019	0.0464
Operations (2025-2031): Max	0.00822	0.00431	1.32	0.000021	247	124	0.326	0.0616	7740	0.0349	0.605	0.00116	0.0141	0.00611	21.6	0.0128	0.00264	0.0237	0.0541	0.146
MDMER (Schedule 4, Table 2)	***-***	***0.3***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***0.5***	***-***	***0.1***	***-***	***-***	***-***	***-***	***-***	***-***	***0.5***	***0.37***
Active Closure (2032-2038): Min	0.00265	0.00217	1.14	0.00000642	29.2	29.7	0.0977	0.00525	452	0.0121	0.0277	0.000253	0.00165	0.000944	1.47	0.0000792	0.000954	0.00327	0.00465	0.00352
Active Closure (2032-2038): Mean	0.00516	0.00345	1.19	0.0000126	133	62.2	0.297	0.032	4010	0.023	0.376	0.000424	0.00758	0.00326	11.2	0.00232	0.00273	0.00876	0.0287	0.0739
Active Closure (2032-2038): Max	***0.00788***	***0.0042***	***1.22***	***0.0000154***	***247***	***95.7***	***0.498***	***0.0608***	***7740***	***0.0349***	***0.605***	***0.000591***	***0.0141***	***0.00591***	***21.6***	***0.0046***	***0.0043***	***0.0147***	***0.1***	***0.146***
MDMER (Schedule 4, Table 2)	***-***	***0.3***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***0.50***	***-***	***0.1***	***-***	***-***	***-***	***-***	***-***	***-***	***0.50***	***0.37***
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2034)																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun	0.00223	0.00186	1.13	0.000005	7.3	9.88	0.153	0.000994	127	0.00544	0.185	0.000163	0.000466	0.00023	0.625	0.0000315	0.00111	0.00225	0.00238	0.000912
2026 Jul	0.00241	0.00291	1.19	0.000012	14.2	22	0.283	0.00195	245	0.00986	0.273	0.000266	0.000922	0.000468	1.01	0.0000464	0.00204	0.0027	0.00384	0.0016
2026 Aug	0.00236	0.00267	1.19	0.0000123	11.6	21	0.226	0.00151	192	0.00818	0.0977	0.000215	0.00065	0.000396	0.574	0.0000242	0.00144	0.0025	0.00329	0.00101
2026 Sep	0.00252	0.0034	1.19	0.0000126	17.8	32	0.326	0.00253	306	0.0124	0.126	0.000292	0.00127	0.000672	0.886	0.000031	0.00254	0.00288	0.00381	0.00182
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun	0.00218	0.00168	1.14	0.00000507	3.63	5.16	0.0884	0.000562	68.6	0.00372	0.0127	0.000156	0.000327	0.000139	0.386	0.0000213	0.00055	0.00219	0.00227	0.00056
2027 Jul	0.00231	0.00248	1.2	0.0000128	6.04	8.91	0.133	0.00101	109	0.00585	0.0224	0.000254	0.000609	0.000247	0.572	0.0000288	0.000899	0.00253	0.00365	0.000919
2027 Aug	0.00254	0.00327	1.31	0.000021	7.4	12.8	0.163	0.00127	116	0.00703	0.0253	0.000525	0.000778	0.000338	0.523	0.0000216	0.000955	0.00305	0.0049	0.000842
2027 Sep	0.00493	0.00375	1.27	0.0000138	102	67.6	0.201	0.0276	3100	0.0184	0.119	0.000768	0.00607	0.00294	8.98	0.00647	0.00158	0.0127	0.0229	0.0605
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				
2028 Apr																				
2028 May																				
2028 Jun	0.00217	0.00161	1.14	0.0000052	3.11	4.49	0.078	0.000474	58.2	0.00332	0.0106	0.000146	0.00026	0.000113	0.319	0.0000186	0.00044	0.00217	0.00221	0.000462
2028 Jul	0.00229	0.00249	1.19	0.0000128	6.67	9.94	0.144	0.00117	129	0.00643	0.0222	0.000211	0.000669	0.000268	0.61	0.0000312	0.00101	0.00258	0.00374	0.00112
2028 Aug	0.00822	0.00431	1.32	0.0000164	232	124	0.217	0.0616	7260	0.0318	0.316	0.00116	0.0132	0.00611	20.8	0.0128	0.00153	0.0237	0.0513	0.143
2028 Sep	0.00602	0.00427	1.26	0.0000149	149	85.9	0.241	0.0389	4620	0.0251	0.184	0.000739	0.00882	0.00402	13.2	0.00739	0.00182	0.0151	0.0333	0.0893
2028 Oct																				
2028 Nov																				
2028 Dec																				
2029 Jan																				
2029 Feb																				
2029 Mar																				
2029 Apr																				
2029 May																				
2029 Jun	0.00219	0.00179	1.14	0.00000515	4.1	6.16	0.0992	0.000651	79.7	0.00414	0.0133	0.000147	0.000366	0.00016	0.438	0.0000239	0.000606	0.00219	0.0023	0.000629
2029 Jul	0.00228	0.00243	1.18	0.0000121	6.45	9.14	0.144	0.00109	124	0.00611	0.0234	0.000207	0.000601	0.000246	0.652	0.0000343	0.000994	0.00248	0.00356	0.00107
2029 Aug	0.00365	0.00302	1.21	0.0000135	61.3	36.4	0.188	0.0149	1850	0.0133	0.0963	0.000367	0.00367	0.00161	5.33	0.00207	0.00131	0.00645	0.015	0.0343
2029 Sep	0.00732	0.00413	1.26	0.0000147	208	98.8	0.247	0.0525	6510	0.0303	0.307	0.000778	0.0119	0.0052	18.4	0.00758	0.00179	0.017	0.0463	0.125
2029 Oct																				
2029 Nov																				
2029 Dec																				

Appendix C.1-4: Waterline-Total

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2030 Jan																				
2030 Feb																				
2030 Mar																				
2030 Apr																				
2030 May																				
2030 Jun	0.00217	0.00162	1.14	0.00000503	3.5	4.79	0.0895	0.000487	64.5	0.00347	0.0126	0.000142	0.000252	0.000114	0.387	0.0000226	0.000481	0.00215	0.00223	0.000491
2030 Jul	0.00229	0.00252	1.18	0.0000122	7.22	10.9	0.161	0.00117	138	0.00666	0.0239	0.000203	0.000658	0.000276	0.687	0.0000355	0.00105	0.00253	0.00367	0.00113
2030 Aug	0.00524	0.00352	1.22	0.000014	128	61	0.23	0.0315	3970	0.0214	0.223	0.000486	0.00747	0.00318	11.2	0.00349	0.00173	0.0101	0.0293	0.0747
2030 Sep	0.00753	0.00415	1.24	0.0000148	223	96.5	0.261	0.0554	6980	0.0322	0.384	0.000688	0.0128	0.00543	19.6	0.00613	0.00215	0.0159	0.0494	0.133
2030 Oct																				
2030 Nov																				
2030 Dec																				
2031 Jan																				
2031 Feb																				
2031 Mar																				
2031 Apr																				
2031 May																				
2031 Jun	0.00225	0.00168	1.16	0.00000507	3.26	4.98	0.0929	0.00045	56.8	0.00335	0.011	0.000272	0.000235	0.000119	0.337	0.0000188	0.000421	0.00227	0.00214	0.000431
2031 Jul	0.00254	0.00287	1.25	0.0000125	8.41	13.3	0.215	0.00128	149	0.00739	0.0263	0.000574	0.000706	0.000335	0.796	0.0000377	0.00115	0.00291	0.00368	0.00118
2031 Aug	0.00618	0.00408	1.22	0.0000145	172	75.7	0.291	0.0419	5340	0.0276	0.309	0.000524	0.00995	0.00422	15	0.00331	0.0023	0.0112	0.0381	0.0999
2031 Sep	0.00402	0.00416	1.19	0.0000127	79.6	48.5	0.276	0.0191	2380	0.0195	0.14	0.0003	0.00517	0.00221	6.76	0.00135	0.00247	0.00623	0.0179	0.0425
2031 Oct																				
2031 Nov																				
2031 Dec																				
2032 Jan																				
2032 Feb																				
2032 Mar																				
2032 Apr																				
2032 May																				
2032 Jun	0.00423	0.00221	1.15	0.00000642	91.2	35.5	0.11	0.0225	2860	0.0135	0.21	0.000287	0.0052	0.00219	7.98	0.0017	0.000969	0.00668	0.0208	0.0541
2032 Jul	0.00788	0.00419	1.22	0.0000153	247	95.7	0.277	0.0608	7740	0.0349	0.578	0.000591	0.0141	0.00591	21.6	0.0046	0.00264	0.0147	0.0541	0.146
2032 Aug	0.00784	0.0042	1.22	0.0000154	245	95.1	0.276	0.0604	7690	0.0348	0.596	0.000587	0.014	0.00587	21.4	0.00457	0.00264	0.0146	0.0537	0.145
2032 Sep	0.00761	0.0041	1.22	0.000015	235	91.3	0.266	0.0579	7370	0.0336	0.605	0.000568	0.0134	0.00564	20.5	0.00438	0.00256	0.0141	0.0515	0.139
2032 Oct																				
2032 Nov																				
2032 Dec																				
2033 Jan																				
2033 Feb																				
2033 Mar																				
2033 Apr																				
2033 May																				
2033 Jun	0.00384	0.00217	1.14	0.00000675	74.4	29.7	0.0977	0.0183	2330	0.0121	0.413	0.000253	0.00432	0.00182	6.48	0.00138	0.000954	0.00582	0.0172	0.044
2033 Jul	0.00457	0.00379	1.19	0.000015	108	61.2	0.381	0.0253	3130	0.0231	0.552	0.000418	0.00624	0.00274	8.81	0.00174	0.00353	0.00749	0.0228	0.0563
2033 Aug	0.00267	0.00352	1.19	0.0000139	30	45.5	0.498	0.00525	476	0.0163	0.0287	0.000351	0.00167	0.000944	1.53	0.0000818	0.0043	0.00333	0.00479	0.00365
2033 Sep	0.00265	0.00344	1.18	0.0000134	29.2	43.5	0.475	0.00579	452	0.0157	0.0277	0.000338	0.00165	0.000948	1.47	0.0000792	0.00421	0.00327	0.00465	0.00352
2033 Oct																				
2033 Nov																				
2033 Dec																				
2034 Jan																				
2034 Feb																				
2034 Mar																				
2034 Apr																				
2034 May																				
2034 Jun	0.0023	0.00193	1.14	0.00000577	10.3	14.9	0.167	0.00217	152	0.00615	0.00939	0.000204	0.000639	0.000355	0.517	0.0000275	0.00158	0.00241	0.00247	0.00123
2034 Jul	0.00266	0.00345	1.19	0.0000133	27.8	39.3	0.422	0.00622	404	0.0148	0.0251	0.000372	0.00176	0.000965	1.39	0.0000685	0.00432	0.00323	0.00452	0.00334
2034 Aug	0.0025	0.00282	1.2	0.0000105	15.4	21.5	0.236	0.00388	211	0.00889	0.0166	0.000353	0.00108	0.00059	0.773	0.0000373	0.00239	0.00281	0.0036	0.00183
2034 Sep	0.00228	0.00241	1.17	0.00000739	4.79	5.93	0.0511	0.00109	52.5	0.00442	0.00762	0.000175	0.000598	0.000265	0.252	0.0000051	0.000913	0.00226	0.00251	0.000687
2034 Oct																				
2034 Nov																				
2034 Dec																				

APPENDIX C.2: OPEN PITS, NATURAL LAKES AND COLLECTION PONDS

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	464	1.16	2.61	0.0458	184	0.091	61	0.0011	0.000804	0.00000627	0.00803	0.00381	0.0947	0.0193	0.00000742	25.8	0.0000343	0.000908
Operation (2024-2031): Mean	4400	16.6	49.7	0.414	2000	0.494	544	0.0122	0.00288	0.0000316	0.0354	0.0652	0.683	0.11	0.0000599	243	0.000183	0.0126
Operation (2024-2031): Max	10800	44.3	199	1	5120	1.23	1350	0.0361	0.00723	0.0000805	0.08	0.187	1.61	0.253	0.00018	669	0.000408	0.0355
Active Closure (2032-2038): Mean	676	2.57	4.37	0.0589	269	0.154	97.4	0.00269	0.00189	0.0000113	0.0182	0.00909	0.169	0.0465	0.0000144	54.4	0.0000582	0.00174
Active Closure (2032-2038): Max	5620	21.5	43.1	0.463	2410	0.619	717	0.0174	0.00858	0.0000474	0.0768	0.083	0.763	0.174	0.0000677	299	0.000254	0.0159
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	50.1	0.0251	0.00906	0.000789	8.19	0.0252	6.03	0.000919	0.000788	0.00000432	0.0059	0.000985	0.0164	0.0118	0.00000468	10.5	0.0000163	0.000227
Post Closure (2039-2119): Mean	129	0.0822	0.0662	0.00198	15.8	0.0454	42.4	0.00213	0.00103	0.00000557	0.00815	0.00392	0.0409	0.0258	0.00000639	30.9	0.0000253	0.00055
Post Closure (2039-2119): Max	209	0.682	0.836	0.015	65.7	0.103	72.1	0.00352	0.00161	0.00000845	0.0138	0.00622	0.0937	0.0435	0.0000101	51.1	0.0000462	0.000921
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan	6730	23.8	121	0.696	3410	1.03	524	0.0121	0.00162	0.0000548	0.0459	0.0952	1.36	0.174	0.000151	562	0.000285	0.0163
2024 Feb	8030	28.4	157	0.836	4060	1.23	623	0.0144	0.00193	0.0000652	0.0546	0.113	1.61	0.208	0.00018	669	0.000339	0.0194
2024 Mar	8050	28.4	171	0.844	4060	1.23	623	0.0144	0.00193	0.0000652	0.0546	0.113	1.61	0.207	0.00018	669	0.000339	0.0194
2024 Apr	8080	28.5	185	0.852	4060	1.23	623	0.0144	0.00193	0.0000652	0.0546	0.113	1.61	0.208	0.00018	669	0.000339	0.0194
2024 May	6010	20.6	140	0.67	3020	0.935	484	0.0103	0.00152	0.0000481	0.0401	0.0814	1.21	0.157	0.000129	482	0.000256	0.0144
2024 Jun	1210	3.49	16.9	0.203	587	0.23	143	0.00184	0.000804	0.0000109	0.00896	0.0128	0.245	0.0427	0.0000184	73.8	0.0000648	0.00313
2024 Jul	1390	4.46	17.4	0.195	675	0.223	168	0.00285	0.000961	0.0000119	0.0109	0.0176	0.258	0.0466	0.0000209	83.1	0.0000702	0.00389
2024 Aug	1730	6.08	20	0.205	839	0.231	210	0.0043	0.00114	0.0000138	0.0133	0.0256	0.291	0.0526	0.0000255	102	0.0000804	0.00522
2024 Sep	2270	8.78	23.7	0.218	1090	0.242	279	0.00663	0.00138	0.0000164	0.0171	0.0376	0.347	0.0609	0.0000321	129	0.0000955	0.00723
2024 Oct	3120	12.9	33.5	0.259	1500	0.278	385	0.0102	0.00182	0.0000214	0.0231	0.0546	0.439	0.0762	0.000043	175	0.000122	0.0103
2024 Nov	2970	12.1	35.7	0.266	1420	0.277	368	0.00954	0.00174	0.0000206	0.0215	0.0511	0.418	0.0724	0.0000404	165	0.000116	0.00975
2024 Dec	8670	35.2	116	0.778	4150	0.803	1070	0.0279	0.00506	0.0000601	0.0626	0.149	1.22	0.21	0.000118	481	0.000338	0.0284
2025 Jan	10400	42.2	152	0.939	4970	0.962	1280	0.0334	0.00606	0.000072	0.075	0.178	1.46	0.252	0.000141	576	0.000405	0.034
2025 Feb	10400	42.2	166	0.947	4970	0.962	1280	0.0334	0.00606	0.000072	0.075	0.178	1.46	0.252	0.000141	576	0.000405	0.034
2025 Mar	10400	42.2	179	0.955	4970	0.962	1280	0.0334	0.00606	0.000072	0.075	0.178	1.46	0.252	0.000141	576	0.000405	0.034
2025 Apr	10500	42.3	193	0.964	4970	0.962	1280	0.0334	0.00606	0.000072	0.075	0.178	1.46	0.252	0.000141	576	0.000405	0.034
2025 May	10300	40.9	199	0.99	4900	0.995	1270	0.0316	0.00584	0.0000702	0.0732	0.171	1.48	0.251	0.000137	558	0.000405	0.0331
2025 Jun	3810	15	64	0.389	1810	0.41	480	0.0109	0.00226	0.0000267	0.0285	0.0596	0.592	0.0963	0.0000524	200	0.000159	0.0118
2025 Jul	1390	4.73	15.9	0.18	663	0.196	181	0.00339	0.00113	0.0000119	0.0116	0.0184	0.235	0.0391	0.000021	69.5	0.0000685	0.00402
2025 Aug	980	3.57	10.1	0.103	465	0.132	125	0.00311	0.00117	0.00000999	0.0103	0.015	0.156	0.0317	0.0000176	55.4	0.0000455	0.00299
2025 Sep	1360	5.51	12.3	0.109	643	0.149	172	0.00439	0.00127	0.0000116	0.0132	0.0223	0.214	0.0392	0.0000235	75.2	0.0000567	0.00417
2025 Oct	2000	8.2	19.6	0.176	955	0.196	254	0.00647	0.00143	0.0000154	0.0159	0.034	0.286	0.0497	0.000032	108	0.0000787	0.00641
2025 Nov	3700	15.2	40.6	0.335	1770	0.344	468	0.0124	0.0025	0.0000278	0.0276	0.0645	0.498	0.0876	0.0000558	201	0.000141	0.0122
2025 Dec	10600	43.7	129	0.958	5070	0.976	1340	0.0357	0.00715	0.0000796	0.0791	0.185	1.42	0.25	0.00016	577	0.000404	0.0351
2026 Jan	10800	44.2	145	0.976	5120	0.986	1350	0.0361	0.00723	0.0000805	0.08	0.187	1.44	0.253	0.000162	583	0.000408	0.0355
2026 Feb	10800	44.2	158	0.984	5120	0.986	1350	0.0361	0.00723	0.0000805	0.08	0.187	1.44	0.253	0.000162	583	0.000408	0.0355
2026 Mar	10800	44.3	172	0.992	5120	0.986	1350	0.0361	0.00723	0.0000805	0.08	0.187	1.44	0.253	0.000162	583	0.000408	0.0355
2026 Apr	10800	44.3	186	1	5120	0.986	1350	0.0361	0.00723	0.0000805	0.08	0.187	1.44	0.253	0.000162	583	0.000408	0.0355
2026 May	7800	30.8	130	0.817	3670	0.85	1000	0.0222	0.00466	0.0000543	0.0566	0.122	1.2	0.195	0.000109	398	0.000318	0.0243
2026 Jun	1370	4.82	16	0.197	635	0.225	189	0.00246	0.000875	0.00000989	0.0111	0.0157	0.281	0.0418	0.0000163	64.1	0.0000719	0.00363
2026 Jul	925	3.19	8.39	0.0993	410	0.135	123	0.0023	0.00101	0.00000823	0.0104	0.0117	0.172	0.0314	0.000013	48.6	0.0000497	0.00242
2026 Aug	753	2.85	5.8	0.0541	330	0.0972	96.4	0.00266	0.00112	0.00000787	0.00969	0.012	0.123	0.0274	0.0000123	45.5	0.0000343	0.00217
2026 Sep	1310	4.88	9.45	0.0974	550	0.155	172	0.00331	0.00113	0.00000914	0.0134	0.0175	0.233	0.0397	0.0000162	68.5	0.00006	0.00327
2026 Oct	3660	12.8	23.5	0.306	1480	0.448	491	0.00654	0.0019	0.0000188	0.0307	0.0408	0.679	0.09	0.0000358	166	0.000163	0.00798
2026 Nov	6270	22.3	41	0.502	2560	0.732	835	0.0123	0.0033	0.0000326	0.0524	0.0731	1.13	0.152	0.0000628	289	0.000273	0.0142
2026 Dec	6280	22.4	41.2	0.503	2570	0.732	837	0.0123	0.00331	0.0000327	0.0525	0.0735	1.13	0.152	0.0000631	290	0.000274	0.0142
2027 Jan	6290	22.4	41.2	0.503	2570	0.732	837	0.0123	0.00331	0.0000327	0.0525	0.0735	1.13	0.152	0.0000631	290	0.000274	0.0142
2027 Feb	6290	22.4	41.2	0.503	2570	0.732	837	0.0123	0.00331	0.0000327	0.0525	0.0735	1.13	0.152	0.0000631	290	0.000274	0.0142
2027 Mar	6290	22.4	41.2	0.503	2570	0.732	837	0.0123	0.00331	0.0000327	0.0525	0.0735	1.13	0.152	0.0000631	290	0.000274	0.0142
2027 Apr	6290	22.4	41.2	0.503	2570	0.732	837	0.0123	0.00331	0.0000327	0.0525	0.0735	1.13	0.152	0.0000631	290	0.000274	0.0142
2027 May	5630	20.1	36.9	0.454	2300	0.659	751	0.011	0.00297	0.0000295	0.047	0.0658	1.01	0.137	0.0000566	260	0.000246	0.0128
2027 Jun	1230	3.69	7.94	0.155	482	0.2	170	0.00155	0.000883	0.00000819	0.011	0.00972	0.255	0.0341	0.0000117	53.4	0.0000667	0.0023
2027 Jul	464	1.16	2.61	0.056	184	0.091	61	0.00121	0.00103	0.00000658	0.0085	0.00384	0.0947	0.0212	0.00000771	26.4	0.0000348	0.000908
2027 Aug	538	1.47	2.73	0.0458	201	0.107	67.5	0.00228	0.00187	0.0000107	0.0146	0.00613	0.103	0.0395	0.0000123	44.1	0.0000479	0.00123
2027 Sep	980	3.33	5.8	0.0799	367	0.136	131	0.00194	0.000955	0.00000706	0.0113	0.00965	0.191	0.0326	0.0000108	50.7	0.0000502	0.00183
2027 Oct	2280	9.09	17.5	0.198	999	0.258	297	0.00685	0.00188	0.0000171	0.0223	0.0347	0.358	0.0628	0.0000291	125	0.000101	0.00652
2027 Nov	2540	10.1	20.1	0.233	1140	0.283	329	0.00795	0.00207	0.0000195	0.0236	0.0397	0.381	0.0685	0.000033	140	0.000109	0.00761
2027 Dec	4560	18.2	36.3	0.416	2050	0.502	591	0.0144	0.0037	0.000035	0.0421	0.0719	0.678	0.122	0.0000594	252	0.000195	0.0137
2028 Jan	4570	18.2	36.4	0.416	2060	0.502	591	0.0144	0.0037	0.0000351	0.0422	0.072	0.679	0.122	0.0000595	252	0.000196	0.0138
2028 Feb	4570	18.2	36.4	0.416	2060	0.502	591	0.0145	0.0037	0.0000351	0.0422	0.072	0.679	0.122	0.0000595	252	0.000196	0.0138
2028 Mar	4570	18.2	36.4	0.416	2060	0.502	591	0.0145	0.0037	0.0000351	0.0422	0.072	0.679	0.122	0.0000595	252	0.000196	0.0138
2028 Apr	4570	18.2	36.4	0.416	2060	0.502	591	0.0145	0.0037	0.0000351	0.0422	0.072	0.679	0.122	0.0000595	252	0.000196	0.0138
2028 May	4570	18.2	36.4	0.416	2060	0.502	591	0.0144	0.0037	0.0000351	0.0422	0.0721	0.679	0.122	0.0000595	252	0.000196	0.0138
2028 Jun	1250	4.03	8.49	0.143	512	0.186	169	0.00253	0.00116	0.00000988	0.0129	0.0129	0.232	0.0354	0.0000145	60.6	0.0000663	0.00276

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Jul	524	1.29	2.91	0.0609	224	0.0936	68.3	0.00122	0.000958	0.00000645	0.00881	0.00429	0.105	0.0195	0.000008	27	0.0000382	0.00104
2028 Aug	1060	3.4	6.07	0.0855	437	0.145	139	0.00223	0.00113	0.00000827	0.0124	0.0109	0.206	0.029	0.0000128	50.4	0.0000552	0.00206
2028 Sep	1440	4.51	8.05	0.11	572	0.181	187	0.00262	0.00107	0.00000874	0.0138	0.014	0.261	0.0332	0.0000146	65.1	0.0000636	0.00262
2028 Oct	1850	6.2	12.2	0.158	751	0.216	239	0.00426	0.0013	0.0000118	0.0161	0.0208	0.291	0.0414	0.0000197	89.5	0.0000766	0.00411
2028 Nov	4560	15.9	32.6	0.416	1930	0.52	586	0.0118	0.00321	0.0000309	0.0379	0.0561	0.684	0.104	0.0000512	227	0.000185	0.0113
2028 Dec	6850	23.9	49.1	0.623	2910	0.778	880	0.0178	0.00482	0.0000464	0.0569	0.0847	1.03	0.156	0.0000771	342	0.000278	0.0171
2029 Jan	6850	23.9	49.1	0.623	2910	0.778	880	0.0178	0.00482	0.0000464	0.0569	0.0847	1.03	0.156	0.0000771	342	0.000278	0.0171
2029 Feb	6850	23.9	49.1	0.623	2910	0.778	880	0.0178	0.00482	0.0000464	0.0569	0.0847	1.03	0.156	0.0000771	342	0.000278	0.0171
2029 Mar	6850	23.9	49.1	0.623	2910	0.778	880	0.0178	0.00482	0.0000464	0.0569	0.0847	1.03	0.156	0.0000771	342	0.000278	0.0171
2029 Apr	6850	23.9	49.1	0.623	2910	0.778	880	0.0178	0.00482	0.0000464	0.0569	0.0847	1.03	0.156	0.0000771	342	0.000278	0.0171
2029 May	6760	23.6	48.5	0.615	2870	0.768	868	0.0175	0.00476	0.0000458	0.0561	0.0835	1.01	0.154	0.000076	337	0.000274	0.0168
2029 Jun	2140	6.79	13	0.207	779	0.291	289	0.00303	0.00121	0.0000114	0.0176	0.0173	0.405	0.0482	0.0000182	91.8	0.0000978	0.00357
2029 Jul	501	1.18	2.84	0.0644	209	0.0961	66.7	0.0011	0.000916	0.00000627	0.00803	0.00381	0.101	0.0193	0.00000742	25.8	0.0000354	0.00098
2029 Aug	698	2.07	4.02	0.0607	294	0.102	90.7	0.00181	0.00102	0.00000713	0.00938	0.00755	0.125	0.0228	0.00000984	36.6	0.0000382	0.00152
2029 Sep	1220	4.37	7.81	0.0978	506	0.16	162	0.00279	0.00108	0.0000087	0.0131	0.0141	0.228	0.0338	0.0000142	60.7	0.0000573	0.00266
2029 Oct	1460	5.61	11.2	0.145	657	0.189	193	0.00412	0.00128	0.0000116	0.0146	0.0209	0.246	0.0419	0.0000187	78.4	0.0000677	0.00409
2029 Nov	3910	15	32.1	0.423	1820	0.466	510	0.0119	0.00304	0.000031	0.0327	0.0617	0.58	0.103	0.0000508	212	0.000169	0.0123
2029 Dec	5460	21.2	45	0.578	2550	0.635	710	0.017	0.00421	0.0000431	0.0456	0.087	0.801	0.143	0.0000712	297	0.000233	0.0172
2030 Jan	5470	21.2	45.1	0.578	2550	0.635	711	0.017	0.00422	0.0000431	0.0456	0.0872	0.802	0.143	0.0000713	298	0.000233	0.0173
2030 Feb	5470	21.2	45.1	0.578	2550	0.635	711	0.017	0.00422	0.0000431	0.0456	0.0872	0.802	0.143	0.0000713	298	0.000233	0.0173
2030 Mar	5470	21.2	45.1	0.578	2550	0.635	711	0.017	0.00422	0.0000431	0.0456	0.0872	0.802	0.143	0.0000713	298	0.000233	0.0173
2030 Apr	5470	21.2	45.1	0.578	2550	0.635	711	0.017	0.00422	0.0000431	0.0456	0.0872	0.802	0.143	0.0000713	298	0.000233	0.0173
2030 May	5470	21.2	45.1	0.578	2550	0.635	711	0.017	0.00422	0.0000431	0.0456	0.0872	0.802	0.143	0.0000713	298	0.000233	0.0173
2030 Jun	1500	4.8	10.7	0.192	629	0.233	205	0.00276	0.00117	0.0000113	0.0133	0.0154	0.281	0.0407	0.0000164	70.4	0.0000764	0.00343
2030 Jul	569	1.46	3.31	0.0684	233	0.101	74.9	0.00127	0.000948	0.00000662	0.00864	0.00491	0.111	0.0203	0.00000814	29	0.0000386	0.00115
2030 Aug	919	3.19	5.86	0.0794	372	0.128	122	0.00226	0.00109	0.00000798	0.0112	0.0105	0.174	0.0278	0.0000119	46.5	0.0000491	0.00199
2030 Sep	1480	5.43	9.33	0.119	607	0.197	198	0.00293	0.00113	0.00000947	0.0149	0.0165	0.301	0.0393	0.0000161	68.8	0.0000703	0.003
2030 Oct	1530	5.66	11.5	0.143	673	0.173	198	0.00448	0.00124	0.0000116	0.0133	0.0226	0.225	0.0388	0.0000193	81.4	0.0000639	0.00436
2030 Nov	4070	15.7	33.2	0.4	1880	0.425	523	0.013	0.00297	0.0000309	0.0315	0.066	0.552	0.098	0.0000525	220	0.000162	0.0129
2030 Dec	4940	19.1	40.3	0.478	2280	0.507	633	0.0159	0.00358	0.0000373	0.0381	0.0804	0.665	0.118	0.0000638	268	0.000196	0.0157
2031 Jan	4940	19.1	40.3	0.478	2280	0.507	634	0.0159	0.00359	0.0000374	0.0381	0.0805	0.666	0.118	0.0000638	268	0.000196	0.0157
2031 Feb	4940	19.1	40.3	0.478	2280	0.507	634	0.0159	0.00359	0.0000374	0.0381	0.0805	0.666	0.118	0.0000638	268	0.000196	0.0157
2031 Mar	4940	19.1	40.3	0.478	2280	0.507	634	0.0159	0.00359	0.0000374	0.0381	0.0805	0.666	0.118	0.0000638	268	0.000196	0.0157
2031 Apr	4940	19.1	40.3	0.478	2280	0.507	634	0.0159	0.00359	0.0000374	0.0381	0.0805	0.666	0.118	0.0000638	268	0.000196	0.0157
2031 May	3430	13.1	28	0.35	1580	0.369	441	0.0108	0.0025	0.0000263	0.0262	0.0548	0.469	0.0844	0.000044	186	0.000138	0.0108
2031 Jun	772	2.21	5.67	0.121	339	0.141	105	0.00153	0.000907	0.00000778	0.00813	0.00773	0.147	0.0358	0.00000977	45.6	0.0000466	0.00196
2031 Jul	624	1.65	3.65	0.0735	252	0.107	82.3	0.00137	0.000991	0.00000697	0.00885	0.00585	0.119	0.0349	0.00000866	41.3	0.0000408	0.00136
2031 Aug	1460	4.95	8.87	0.112	578	0.179	192	0.00305	0.00113	0.00000943	0.0132	0.0161	0.264	0.0395	0.0000156	71.5	0.000063	0.00299
2031 Sep	1590	5.12	9.06	0.131	566	0.209	215	0.00233	0.000948	0.00000829	0.0137	0.0137	0.303	0.0363	0.0000138	69.7	0.0000695	0.00259
2031 Oct	2160	7.84	15.7	0.191	892	0.237	280	0.00591	0.00159	0.0000149	0.0185	0.029	0.316	0.051	0.0000247	112	0.0000891	0.00562
2031 Nov	5420	20.7	41.5	0.449	2330	0.532	692	0.0167	0.00392	0.0000379	0.045	0.0797	0.738	0.124	0.0000652	288	0.000212	0.0153
2031 Dec	5620	21.5	43.1	0.463	2410	0.548	717	0.0174	0.00406	0.0000393	0.0466	0.0829	0.763	0.129	0.0000677	298	0.00022	0.0159
2032 Jan	5620	21.5	43.1	0.463	2410	0.548	717	0.0174	0.00406	0.0000393	0.0466	0.083	0.763	0.129	0.0000677	299	0.00022	0.0159
2032 Feb	5620	21.5	43.1	0.463	2410	0.548	717	0.0174	0.00406	0.0000393	0.0466	0.083	0.763	0.129	0.0000677	299	0.00022	0.0159
2032 Mar	5620	21.5	43.1	0.463	2410	0.548	717	0.0174	0.00406	0.0000393	0.0466	0.083	0.763	0.129	0.0000677	299	0.00022	0.0159
2032 Apr	5620	21.5	43.1	0.463	2410	0.548	717	0.0174	0.00406	0.0000393	0.0466	0.083	0.763	0.129	0.0000677	299	0.00022	0.0159
2032 May	5090	19.5	39	0.419	2190	0.497	650	0.0158	0.0037	0.0000357	0.0424	0.0752	0.691	0.118	0.0000615	271	0.000199	0.0144
2032 Jun	487	1.99	3.42	0.0476	202	0.0859	67.5	0.00142	0.000906	0.00000585	0.00956	0.00577	0.121	0.0231	0.00000804	29	0.0000397	0.00112
2032 Jul	138	0.492	0.765	0.0128	50.5	0.0401	18.3	0.00094	0.000908	0.00000481	0.00749	0.00173	0.043	0.0144	0.0000053	13.6	0.000025	0.000349
2032 Aug	155	0.575	0.875	0.015	57.7	0.0479	21.7	0.000925	0.000909	0.00000485	0.00746	0.00186	0.051	0.0156	0.00000542	14.6	0.000024	0.000361
2032 Sep	186	0.723	1.09	0.0186	70.9	0.0569	27	0.000926	0.000916	0.00000497	0.00774	0.00212	0.0633	0.0171	0.00000568	16.2	0.000025	0.000406
2032 Oct	234	0.948	1.43	0.0243	91.4	0.0681	35	0.000936	0.000927	0.00000514	0.00832	0.00252	0.081	0.0189	0.00000608	18.2	0.0000282	0.000479
2032 Nov	259	1.05	1.58	0.0268	101	0.0761	38.7	0.00105	0.00104	0.00000578	0.00936	0.0028	0.0896	0.0212	0.00000682	20.4	0.0000314	0.000532
2032 Dec	354	1.42	2.14	0.0364	137	0.105	52.7	0.00147	0.00145	0.00000802	0.013	0.00384	0.122	0.0294	0.00000943	28.3	0.0000431	0.000729
2033 Jan	951	3.83	5.75	0.0978	370	0.282	142	0.00394	0.00391	0.0000216	0.035	0.0103	0.328	0.079	0.0000254	76.1	0.000116	0.00196
2033 Feb	2090	8.41	12.6	0.215	811	0.619	311	0.00866	0.00858	0.0000474	0.0768	0.0226	0.72	0.174	0.0000557	167	0.000254	0.00431
2033 Mar	2090	8.41	12.6	0.215	811	0.619	311	0.00866	0.00858	0.0000474	0.0768	0.0226	0.72	0.174	0.0000557	167	0.000254	0.00431
2033 Apr	2090	8.41	12.6	0.215	811	0.619	311	0.00866	0.00858	0.0000474	0.0768	0.0226	0.72	0.174	0.0000557	167	0.000254	0.00431
2033 May	1010	4.02	6.02	0.103	390	0.298	149	0.00429	0.00425	0.0000234	0.0377	0.0111	0.344	0.0894	0.0000273	85	0.000125	0.00212
2033 Jun	231	0.865	1.28	0.0218	86.6	0.0584	34.7	0.000813	0.000811	0.00000453	0.00743	0.00262	0.0759	0.0279	0.00000542	24.7	0.0000282	0.000539
2033 Jul	184	0.62	0.9	0.0155	65.5	0.0487	26.2	0.0009	0.000899	0.00000483	0.0075	0.00233	0.0565	0.0295	0.00000546	25.5	0.0000265	0.000492
2033 Aug	184	0.604	0.871	0.0151	64.7	0.0505	26.1	0.000965	0.000964	0.00000515	0.00782	0.0024	0.056	0.0311	0.00000576	26.7	0.0000269	0.000503
2033 Sep	280	1.08	1.59	0.027	106	0.0797	44.4	0.000916	0.000915	0.0000052	0.00868	0.00315	0.0983	0.0298	0.00000635	27.3	0.0000306	0.000618
2033 Oct	300	1.23	1.78	0.0302	116	0.091	49.5	0.000845	0.000845	0.00000493	0.00919	0.00322	0.11	0.0259	0.00000624	25	0.0000308	0.000608
2033 Nov	633	2.57	3.69	0.0627	243	0.199	104	0.00198	0.00198	0.0000114	0.021	0.00693	0.231	0.0576	0.0000141	55.4	0.0000673	0.00131
2033 Dec	1490	6.03	8.65	0.147	570	0.467	243	0.00466	0.00465	0.0000267	0.0493	0.0163	0.541	0.135	0.0000331	130	0.000158	0.00307
2034 Jan	1490	6.03	8.65	0.147	570	0.467	243	0.00466	0.00465	0.0000267	0.0493	0.0163	0.541	0.135	0.0000331	130	0.000158	0.00307

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Feb	1490	6.03	8.65	0.147	570	0.467	243	0.00466	0.00465	0.0000267	0.0493	0.0163	0.541	0.135	0.0000331	130	0.000158	0.00307
2034 Mar	1490	6.03	8.65	0.147	570	0.467	243	0.00466	0.00465	0.0000267	0.0493	0.0163	0.541	0.135	0.0000331	130	0.000158	0.00307
2034 Apr	1490	6.03	8.65	0.147	570	0.467	243	0.00466	0.00465	0.0000267	0.0493	0.0163	0.541	0.135	0.0000331	130	0.000158	0.00307
2034 May	828	3.32	4.75	0.0808	316	0.259	134	0.0027	0.0027	0.0000154	0.028	0.00918	0.298	0.0802	0.0000188	76.1	0.0000896	0.00175
2034 Jun	231	0.829	1.19	0.0204	83.7	0.0642	35.5	0.000912	0.000912	0.00000503	0.00844	0.00278	0.0769	0.0315	0.00000592	27.9	0.0000297	0.000571
2034 Jul	161	0.52	0.72	0.0127	55	0.0511	23.7	0.00094	0.00094	0.000005	0.00797	0.00217	0.0515	0.0272	0.00000554	23.8	0.0000251	0.000446
2034 Aug	224	0.794	1.14	0.0196	80.2	0.069	35.8	0.000992	0.000992	0.00000544	0.0089	0.00281	0.0785	0.0303	0.00000633	27.1	0.0000298	0.00056
2034 Sep	366	1.49	2.17	0.0367	139	0.116	65.6	0.000892	0.000892	0.00000541	0.0106	0.00401	0.146	0.0283	0.00000718	28.2	0.000037	0.000745
2034 Oct	102	0.329	0.331	0.00643	32.8	0.0588	14.6	0.00104	0.00104	0.00000536	0.0094	0.00161	0.0328	0.0198	0.00000563	18.6	0.0000193	0.000293
2034 Nov	80.3	0.227	0.16	0.00368	23.7	0.0562	10.2	0.00112	0.00112	0.00000568	0.00979	0.00146	0.0229	0.0202	0.00000581	18.8	0.0000186	0.000264
2034 Dec	80.3	0.227	0.16	0.00368	23.7	0.0562	10.2	0.00112	0.00112	0.00000568	0.00979	0.00146	0.0229	0.0202	0.00000581	18.8	0.0000186	0.000264
2035 Jan	80.3	0.227	0.16	0.00368	23.7	0.0562	10.2	0.00112	0.00112	0.00000568	0.00979	0.00146	0.0229	0.0202	0.00000581	18.8	0.0000186	0.000264
2035 Feb	80.3	0.227	0.16	0.00368	23.7	0.0562	10.2	0.00112	0.00112	0.00000568	0.00979	0.00146	0.0229	0.0202	0.00000581	18.8	0.0000186	0.000264
2035 Mar	80.3	0.227	0.16	0.00368	23.7	0.0562	10.2	0.00112	0.00112	0.00000568	0.00979	0.00146	0.0229	0.0202	0.00000581	18.8	0.0000186	0.000264
2035 Apr	80.3	0.227	0.16	0.00368	23.7	0.0562	10.2	0.00112	0.00112	0.00000568	0.00979	0.00146	0.0229	0.0202	0.00000581	18.8	0.0000186	0.000264
2035 May	77.3	0.201	0.14	0.00325	22.3	0.0501	9.4	0.00106	0.00106	0.00000534	0.00903	0.00142	0.0204	0.0212	0.00000545	19.3	0.0000179	0.000269
2035 Jun	155	0.496	0.721	0.0126	52.4	0.046	24	0.000902	0.000902	0.00000483	0.00773	0.00209	0.054	0.024	0.00000542	21.1	0.0000273	0.000442
2035 Jul	106	0.287	0.406	0.00749	32.9	0.0358	14.8	0.000944	0.000944	0.0000049	0.00752	0.00162	0.0347	0.0204	0.00000523	17.7	0.0000245	0.000348
2035 Aug	193	0.669	0.985	0.0171	67.4	0.0658	33.1	0.00095	0.00095	0.00000521	0.00812	0.00251	0.076	0.0228	0.00000607	21.1	0.0000269	0.00049
2035 Sep	396	1.58	2.32	0.0391	147	0.13	76.8	0.000835	0.000835	0.00000531	0.0107	0.00448	0.172	0.0282	0.00000741	28.9	0.0000392	0.000828
2035 Oct	160	0.587	0.757	0.0133	55.7	0.0699	28.2	0.000878	0.000878	0.00000476	0.00881	0.00213	0.063	0.0197	0.00000545	19.1	0.0000224	0.00039
2035 Nov	153	0.483	0.475	0.00932	48.3	0.0908	22.9	0.0016	0.0016	0.00000822	0.0144	0.00249	0.0514	0.0304	0.00000865	28.6	0.0000297	0.000453
2035 Dec	199	0.626	0.616	0.0121	62.6	0.118	29.7	0.00207	0.00207	0.0000107	0.0187	0.00323	0.0666	0.0394	0.0000112	37.1	0.0000385	0.000587
2036 Jan	199	0.626	0.616	0.0121	62.6	0.118	29.7	0.00207	0.00207	0.0000107	0.0187	0.00323	0.0666	0.0394	0.0000112	37.1	0.0000385	0.000587
2036 Feb	199	0.626	0.616	0.0121	62.6	0.118	29.7	0.00207	0.00207	0.0000107	0.0187	0.00323	0.0666	0.0394	0.0000112	37.1	0.0000385	0.000587
2036 Mar	199	0.626	0.616	0.0121	62.6	0.118	29.7	0.00207	0.00207	0.0000107	0.0187	0.00323	0.0666	0.0394	0.0000112	37.1	0.0000385	0.000587
2036 Apr	175	0.547	0.536	0.0105	55.1	0.103	26	0.00182	0.00182	0.00000936	0.0164	0.00286	0.058	0.0355	0.00000984	33.3	0.0000338	0.000523
2036 May	144	0.426	0.412	0.00811	44.6	0.08	20.7	0.00146	0.00146	0.00000752	0.0129	0.00238	0.0449	0.032	0.00000788	29.3	0.0000273	0.000447
2036 Jun	208	0.741	1.1	0.0188	72.3	0.067	38	0.000861	0.000861	0.00000485	0.00854	0.00262	0.087	0.0213	0.00000587	20.1	0.0000316	0.000521
2036 Jul	128	0.395	0.573	0.0103	41.1	0.0483	21.6	0.000957	0.000957	0.00000508	0.00807	0.00187	0.0513	0.0176	0.00000562	16.1	0.0000263	0.000371
2036 Aug	314	1.16	1.75	0.0297	111	0.106	61.5	0.000996	0.000996	0.00000588	0.0101	0.00387	0.14	0.0258	0.00000758	25.3	0.0000381	0.000722
2036 Sep	439	1.7	2.53	0.0426	158	0.147	91.1	0.000829	0.000829	0.0000055	0.0111	0.00517	0.205	0.0303	0.00000804	31.3	0.0000445	0.000957
2036 Oct	151	0.528	0.659	0.0118	50.6	0.0709	27.5	0.000931	0.000931	0.00000501	0.00917	0.00215	0.0617	0.0204	0.00000567	19.7	0.0000229	0.000393
2036 Nov	137	0.445	0.492	0.0092	43.7	0.074	22.9	0.00117	0.00117	0.00000609	0.0108	0.00212	0.0513	0.0233	0.00000658	22.2	0.0000241	0.000387
2036 Dec	163	0.525	0.566	0.0107	51.8	0.0903	26.9	0.00146	0.00146	0.00000759	0.0135	0.00257	0.0604	0.0288	0.00000816	27.4	0.0000295	0.000468
2037 Jan	163	0.525	0.566	0.0107	51.8	0.0903	26.9	0.00146	0.00146	0.00000759	0.0135	0.00257	0.0604	0.0288	0.00000816	27.4	0.0000295	0.000468
2037 Feb	163	0.525	0.566	0.0107	51.8	0.0903	26.9	0.00146	0.00146	0.00000759	0.0135	0.00257	0.0604	0.0288	0.00000816	27.4	0.0000295	0.000468
2037 Mar	163	0.525	0.566	0.0107	51.8	0.0903	26.9	0.00146	0.00146	0.00000759	0.0135	0.00257	0.0604	0.0288	0.00000816	27.4	0.0000295	0.000468
2037 Apr	163	0.525	0.566	0.0107	51.8	0.0903	26.9	0.00146	0.00146	0.00000759	0.0135	0.00257	0.0604	0.0288	0.00000816	27.4	0.0000295	0.000468
2037 May	98.3	0.226	0.223	0.00444	28.2	0.0422	13.1	0.000958	0.000958	0.00000491	0.0078	0.00172	0.0262	0.028	0.00000512	24.1	0.0000198	0.00036
2037 Jun	146	0.371	0.501	0.0089	44.4	0.0422	22.8	0.000885	0.000885	0.0000047	0.00718	0.00227	0.0466	0.0339	0.0000052	28.6	0.0000252	0.000497
2037 Jul	149	0.378	0.512	0.00914	45	0.0453	23.7	0.000942	0.000942	0.00000499	0.00759	0.00233	0.0491	0.0337	0.00000553	28.5	0.0000262	0.000507
2037 Aug	303	1.02	1.51	0.0257	102	0.102	61.2	0.00096	0.00096	0.00000567	0.00943	0.00406	0.135	0.0351	0.00000732	32.4	0.0000364	0.000788
2037 Sep	321	1.14	1.66	0.0283	109	0.119	67.5	0.000963	0.000963	0.00000579	0.0103	0.00421	0.151	0.0306	0.00000762	30	0.0000362	0.000787
2037 Oct	80.9	0.23	0.199	0.00415	23.8	0.0516	12.3	0.000947	0.000947	0.00000485	0.00838	0.00143	0.0276	0.0181	0.00000507	16.9	0.0000171	0.000262
2037 Nov	87	0.222	0.119	0.00319	24	0.0653	11.2	0.00134	0.00134	0.00000674	0.0115	0.0017	0.0252	0.024	0.00000687	22.3	0.0000217	0.000309
2037 Dec	87.3	0.222	0.12	0.0032	24.1	0.0655	11.2	0.00134	0.00134	0.00000677	0.0116	0.00171	0.0253	0.0241	0.0000069	22.4	0.0000218	0.00031
2038 Jan	87.3	0.222	0.12	0.0032	24.1	0.0655	11.2	0.00134	0.00134	0.00000677	0.0116	0.00171	0.0253	0.0241	0.0000069	22.4	0.0000218	0.00031
2038 Feb	87.3	0.222	0.12	0.0032	24.1	0.0655	11.2	0.00134	0.00134	0.00000677	0.0116	0.00171	0.0253	0.0241	0.0000069	22.4	0.0000218	0.00031
2038 Mar	87.3	0.222	0.12	0.0032	24.1	0.0655	11.2	0.00134	0.00134	0.00000677	0.0116	0.00171	0.0253	0.0241	0.0000069	22.4	0.0000218	0.00031
2038 Apr	87.3	0.222	0.12	0.0032	24.1	0.0655	11.2	0.00134	0.00134	0.00000677	0.0116	0.00171	0.0253	0.0241	0.0000069	22.4	0.0000218	0.00031
2038 May	82.5	0.181	0.0947	0.00261	22.1	0.0533	9.82	0.0012	0.0012	0.00000603	0.00998	0.00163	0.0207	0.0259	0.00000613	23.1	0.0000203	0.000317
2038 Jun	113	0.226	0.275	0.00519	31.5	0.0337	15.7	0.000918	0.000918	0.00000475	0.007	0.00195	0.0308	0.0332	0.00000504	27.6	0.000023	0.000441
2038 Jul	166	0.409	0.554	0.00992	48.9	0.0521	27.4	0.00106	0.00106	0.00000565	0.00864	0.00265	0.0574	0.0373	0.00000627	31.7	0.00003	0.00057
2038 Aug	208	0.634	0.915	0.016	66.1	0.0856	41.9	0.00106	0.00106	0.00000588	0.00863	0.0031	0.095	0.0282	0.00000697	26.2	0.0000263	0.000587
2038 Sep	228	0.762	1.06	0.0184	73.8	0.0974	48.9	0.000943	0.000943	0.00000541	0.00942	0.00323	0.111	0.0249	0.0000067	24.6	0.0000284	0.0006
2038 Oct	192	0.635	0.797	0.0142	60.9	0.0925	39.3	0.0011	0.0011	0.00000603	0.0112	0.00287	0.0879	0.0256	0.00000701	24.9	0.0000295	0.000527
2038 Nov	209	0.681	0.836	0.015	65.6	0.103	41.9	0.00129	0.00129	0.00000702	0.0129	0.00316	0.0937	0.0292	0.00000804	28.3	0.000033	0.00058
2038 Dec	209	0.682	0.836	0.015	65.7	0.103	41.9	0.0013	0.0013	0.00000702	0.0129	0.00316	0.0937	0.0292	0.00000805	28.4	0.000033	0.00058
2039 Jan	209	0.682	0.836	0.015	65.7	0.103	41.9	0.0013	0.0013	0.00000702	0.0129	0.00316	0.0937	0.0292	0.00000805	28.4	0.000033	0.00058
2039 Feb	209	0.682	0.836	0.015	65.7	0.103	41.9	0.0013	0.0013	0.00000702	0.0129	0.00316	0.0937	0.0292	0.00000805	28.4	0.000033	0.00058
2039 Mar	209	0.682	0.836	0.015	65.7	0.103	41.9	0.0013	0.0013	0.00000702	0.0129	0.00316	0.0937	0.0292	0.00000805	28.4	0.000033	0.00058
2039 Apr	209	0.682	0.836	0.015	65.7	0.103	41.9	0.0013	0.0013	0.00000702	0.0129	0.00316	0.0937	0.0292	0.00000805	28.4	0.000033	0.00058
2039 May	207	0.674	0.826	0.0148	65	0.102	41.4	0.00129	0.00129	0.00000697	0.0128	0.00314	0.0927	0.0292	0.00000798	28.3	0.0000328	0.000577
2039 Jun	63.8	0.12	0.143	0.00326	16.3	0.0325	8.94	0.00097	0.00097	0.00000494	0.00772	0.00119	0.0233	0.0136	0.00000512	12.3	0.0000223	0.000254
2039 Jul	50.1	0.0575	0.0705	0.00208	11.7	0.0252	6.03	0.000943	0.000943	0.00000475	0.00708	0.000985	0.0164	0.0118	0.00000487	10.5	0.0000212	0.000227
2039 Aug	59.2	0.0884	0.118	0.00287	14.6	0.029	8.54	0.000952	0.00095	0.00000481	0.00718	0.00113	0.0214	0.0126	0.00000504	11.1	0.0000216	0.000259

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Sep	70.5	0.128	0.177	0.00385	18.1	0.0329	11.6	0.000958	0.000956	0.00000485	0.0074	0.00129	0.0278	0.0134	0.00000522	11.9	0.0000229	0.000301
2039 Oct	77.1	0.15	0.209	0.00439	20.1	0.0354	13.4	0.00097	0.000965	0.00000491	0.00757	0.00139	0.0312	0.014	0.00000535	12.4	0.0000237	0.000326
2039 Nov	84.5	0.165	0.231	0.00484	22.1	0.0386	14.7	0.00105	0.00104	0.00000532	0.00821	0.00152	0.0344	0.0152	0.00000581	13.5	0.0000258	0.000356
2039 Dec	91.4	0.179	0.25	0.00524	23.9	0.0418	15.9	0.00114	0.00113	0.00000576	0.00889	0.00164	0.0372	0.0165	0.00000628	14.6	0.0000279	0.000386
2040 Jan	102	0.2	0.28	0.00586	26.8	0.0467	17.8	0.00127	0.00126	0.00000644	0.00994	0.00183	0.0416	0.0185	0.00000703	16.4	0.0000312	0.000431
2040 Feb	113	0.221	0.308	0.00646	29.5	0.0515	19.7	0.0014	0.00139	0.0000071	0.011	0.00202	0.0459	0.0203	0.00000775	18.1	0.0000344	0.000476
2040 Mar	120	0.235	0.329	0.00688	31.5	0.0549	21	0.00149	0.00149	0.00000757	0.0117	0.00215	0.0489	0.0217	0.00000826	19.2	0.0000367	0.000507
2040 Apr	127	0.249	0.349	0.0073	33.4	0.0582	22.2	0.00158	0.00158	0.00000802	0.0124	0.00229	0.0518	0.023	0.00000876	20.4	0.0000389	0.000538
2040 May	123	0.238	0.332	0.00695	32.1	0.0556	21.3	0.00152	0.00151	0.00000771	0.0119	0.0022	0.0494	0.0226	0.00000841	20	0.0000373	0.000519
2040 Jun	71.2	0.119	0.157	0.00346	17.9	0.0304	10.9	0.000941	0.000936	0.00000475	0.00718	0.00134	0.0252	0.0165	0.00000507	14.2	0.0000225	0.000316
2040 Jul	74	0.127	0.17	0.00368	18.5	0.0316	11.9	0.000966	0.000952	0.00000483	0.00735	0.0014	0.027	0.0166	0.0000052	14.4	0.0000232	0.000329
2040 Aug	82.9	0.154	0.211	0.00439	21	0.035	14.4	0.000983	0.000964	0.00000491	0.00754	0.00154	0.032	0.0174	0.00000538	15.1	0.0000242	0.000363
2040 Sep	94.8	0.193	0.27	0.00537	24.5	0.0394	18	0.00099	0.000965	0.00000494	0.00773	0.00172	0.039	0.0183	0.00000556	15.9	0.0000254	0.00041
2040 Oct	97.4	0.202	0.28	0.00555	25.2	0.0405	18.7	0.001	0.00097	0.00000497	0.00782	0.00177	0.0404	0.0185	0.00000562	16.2	0.0000257	0.00042
2040 Nov	105	0.217	0.302	0.00597	27.1	0.0436	20.2	0.00108	0.00104	0.00000534	0.0084	0.00191	0.0435	0.0199	0.00000604	17.4	0.0000276	0.000451
2040 Dec	115	0.239	0.332	0.00657	29.8	0.0479	22.2	0.00118	0.00114	0.00000587	0.00923	0.0021	0.0478	0.0219	0.00000664	19.2	0.0000304	0.000496
2041 Jan	126	0.261	0.362	0.00717	32.6	0.0523	24.3	0.00129	0.00125	0.00000641	0.0101	0.00229	0.0522	0.0239	0.00000724	20.9	0.0000332	0.000541
2041 Feb	137	0.284	0.395	0.00781	35.5	0.057	26.4	0.00141	0.00136	0.00000698	0.011	0.0025	0.0568	0.026	0.00000789	22.8	0.0000361	0.00059
2041 Mar	146	0.302	0.42	0.00831	37.8	0.0606	28.1	0.0015	0.00145	0.00000742	0.0117	0.00266	0.0605	0.0277	0.0000084	24.2	0.0000384	0.000628
2041 Apr	155	0.321	0.446	0.00882	40.1	0.0643	29.8	0.00159	0.00154	0.00000788	0.0124	0.00282	0.0642	0.0294	0.00000891	25.7	0.0000408	0.000666
2041 May	158	0.326	0.453	0.00896	40.8	0.0654	30.3	0.00162	0.00156	0.00000802	0.0126	0.00287	0.0652	0.03	0.00000907	26.3	0.0000415	0.000679
2041 Jun	89	0.171	0.236	0.00484	22.3	0.0378	16.2	0.00104	0.00101	0.00000514	0.00801	0.00166	0.0358	0.0179	0.00000569	15.6	0.000026	0.000393
2041 Jul	68.5	0.118	0.162	0.00352	16.3	0.0304	11.8	0.000935	0.000903	0.00000459	0.00706	0.00135	0.0268	0.0145	0.00000497	12.8	0.0000225	0.000311
2041 Aug	78.4	0.146	0.205	0.00425	19	0.0342	14.8	0.000962	0.000921	0.0000047	0.00732	0.00152	0.0326	0.0154	0.0000052	13.6	0.0000238	0.000352
2041 Sep	91.9	0.189	0.268	0.00531	22.8	0.0393	18.9	0.000965	0.000919	0.00000472	0.00753	0.00173	0.041	0.0164	0.0000054	14.6	0.0000253	0.000407
2041 Oct	93.8	0.195	0.275	0.00543	23.3	0.0402	19.6	0.000972	0.00092	0.00000473	0.00758	0.00177	0.042	0.0166	0.00000543	14.8	0.0000254	0.000414
2041 Nov	99.6	0.207	0.292	0.00575	24.7	0.0426	20.9	0.00104	0.000974	0.00000501	0.00803	0.00189	0.0445	0.0176	0.00000576	15.7	0.0000269	0.000439
2041 Dec	109	0.226	0.318	0.00628	26.9	0.0466	22.9	0.00113	0.00106	0.00000547	0.00877	0.00206	0.0486	0.0192	0.00000629	17.2	0.0000294	0.00048
2042 Jan	118	0.244	0.345	0.0068	29.1	0.0504	24.7	0.00122	0.00115	0.00000592	0.00949	0.00223	0.0526	0.0208	0.0000068	18.6	0.0000318	0.000519
2042 Feb	129	0.267	0.377	0.00744	31.9	0.0551	27	0.00134	0.00126	0.00000647	0.0104	0.00244	0.0576	0.0227	0.00000744	20.4	0.0000347	0.000568
2042 Mar	138	0.287	0.405	0.00798	34.2	0.0592	29	0.00144	0.00135	0.00000695	0.0111	0.00262	0.0618	0.0244	0.00000798	21.8	0.0000373	0.000609
2042 Apr	146	0.303	0.427	0.00842	36.1	0.0624	30.6	0.00152	0.00143	0.00000734	0.0118	0.00276	0.0652	0.0258	0.00000843	23.1	0.0000394	0.000643
2042 May	139	0.288	0.406	0.008	34.4	0.0594	29.1	0.00145	0.00136	0.000007	0.0112	0.00264	0.062	0.0248	0.00000804	22.2	0.0000375	0.000614
2042 Jun	83.4	0.16	0.224	0.00457	20.1	0.0363	16.4	0.00098	0.000931	0.00000476	0.00751	0.00162	0.0358	0.0159	0.00000533	14.2	0.0000247	0.000376
2042 Jul	71.5	0.128	0.178	0.00377	16.7	0.0319	13.7	0.000926	0.000875	0.00000447	0.00695	0.00143	0.03	0.0142	0.00000493	12.7	0.0000225	0.000326
2042 Aug	81.3	0.158	0.222	0.0045	19.4	0.0365	17	0.000922	0.000867	0.00000445	0.00699	0.0016	0.0367	0.0149	0.00000505	13.4	0.0000229	0.000367
2042 Sep	94.2	0.197	0.28	0.00544	22.8	0.0419	21.3	0.000919	0.000859	0.00000444	0.00714	0.00181	0.0451	0.0159	0.00000522	14.3	0.000024	0.000422
2042 Oct	96.7	0.203	0.286	0.00557	23.4	0.0432	22	0.000938	0.000869	0.0000045	0.00727	0.00187	0.0463	0.0163	0.00000531	14.7	0.0000243	0.000431
2042 Nov	106	0.222	0.313	0.00608	25.5	0.0472	24.2	0.00103	0.000946	0.0000049	0.00792	0.00205	0.0506	0.0177	0.00000578	16.1	0.0000265	0.000471
2042 Dec	115	0.242	0.34	0.00662	27.8	0.0514	26.4	0.00112	0.00103	0.00000533	0.00862	0.00223	0.0551	0.0193	0.00000629	17.5	0.0000288	0.000513
2043 Jan	126	0.264	0.372	0.00725	30.4	0.0562	28.9	0.00122	0.00113	0.00000584	0.00944	0.00244	0.0603	0.0211	0.00000689	19.2	0.0000315	0.000562
2043 Feb	137	0.289	0.406	0.0079	33.2	0.0613	31.5	0.00134	0.00123	0.00000637	0.0103	0.00266	0.0658	0.0231	0.00000752	20.9	0.0000344	0.000613
2043 Mar	151	0.317	0.446	0.00867	36.4	0.0673	34.6	0.00147	0.00135	0.00000698	0.0113	0.00292	0.0722	0.0253	0.00000825	23	0.0000377	0.000672
2043 Apr	159	0.334	0.47	0.00915	38.4	0.071	36.5	0.00155	0.00142	0.00000737	0.0119	0.00308	0.0762	0.0267	0.0000087	24.2	0.0000398	0.000709
2043 May	151	0.314	0.442	0.0086	36.4	0.0669	34.4	0.00147	0.00135	0.00000699	0.0113	0.00292	0.0716	0.0257	0.00000824	23.3	0.0000377	0.000673
2043 Jun	86.6	0.159	0.214	0.00434	20.4	0.0367	17.7	0.000944	0.00088	0.00000451	0.00705	0.00172	0.0364	0.0183	0.00000511	16.1	0.0000232	0.000397
2043 Jul	89.9	0.162	0.219	0.00447	20.8	0.038	19	0.00101	0.000906	0.00000466	0.00727	0.00183	0.0379	0.0186	0.00000529	16.7	0.0000239	0.00041
2043 Aug	107	0.207	0.285	0.0056	24.8	0.0448	25	0.00105	0.000917	0.00000476	0.00764	0.00217	0.0489	0.02	0.00000563	18.2	0.0000261	0.000486
2043 Sep	115	0.226	0.313	0.00608	26.4	0.0479	28	0.00108	0.000917	0.00000479	0.00775	0.00234	0.0537	0.0206	0.00000576	19	0.0000268	0.000519
2043 Oct	116	0.228	0.311	0.00608	26.6	0.0489	28.8	0.00112	0.000929	0.00000486	0.00789	0.00241	0.0539	0.0208	0.00000584	19.4	0.0000269	0.000523
2043 Nov	119	0.232	0.311	0.00612	26.9	0.0503	29.4	0.00117	0.000954	0.00000499	0.00811	0.00247	0.0544	0.0212	0.00000598	20	0.0000273	0.00053
2043 Dec	129	0.253	0.339	0.00667	29.4	0.0548	32.1	0.00128	0.00104	0.00000544	0.00884	0.0027	0.0594	0.0231	0.00000652	21.8	0.0000298	0.000579
2044 Jan	139	0.271	0.364	0.00715	31.5	0.0588	34.4	0.00137	0.00112	0.00000583	0.00948	0.0029	0.0636	0.0248	0.00000699	23.4	0.0000319	0.00062
2044 Feb	149	0.291	0.39	0.00768	33.8	0.0631	37.1	0.00147	0.0012	0.00000626	0.0102	0.00312	0.0684	0.0266	0.0000075	25.2	0.0000343	0.000666
2044 Mar	159	0.31	0.416	0.00819	36	0.0673	39.6	0.00158	0.00128	0.00000667	0.0108	0.00333	0.0729	0.0284	0.000008	26.9	0.0000365	0.000711
2044 Apr	169	0.329	0.441	0.00868	38.1	0.0713	42.1	0.00167	0.00135	0.00000707	0.0115	0.00354	0.0772	0.0301	0.00000847	28.5	0.0000387	0.000753
2044 May	174	0.339	0.453	0.00893	39.3	0.0734	43.4	0.00172	0.00139	0.00000729	0.0118	0.00365	0.0795	0.031	0.00000873	29.4	0.0000398	0.000776
2044 Jun	92.7	0.164	0.217	0.00447	20.4	0.0396	21.3	0.00106	0.000902	0.00000466	0.00739	0.00197	0.0401	0.0183	0.00000535	17	0.0000243	0.000424
2044 Jul	89.9	0.151	0.198	0.00419	19.1	0.0383	21.1	0.00112	0.000912	0.00000472	0.00742	0.00199	0.038	0.0176	0.00000537	16.8	0.0000242	0.000411
2044 Aug	106	0.187	0.251	0.00513	22.4	0.0446	26.9	0.00119	0.000931	0.00000486	0.00781	0.00233	0.048	0.0191	0.00000573	18.5	0.0000264	0.000482
2044 Sep	112	0.204	0.274	0.00551	23.8	0.0477	29.7	0.0012	0.000919	0.00000483	0.00784	0.00248	0.0525	0.0194	0.00000579	19.1	0.0000267	0.00051
2044 Oct	114	0.207	0.274	0.00554	24	0.0488	30.7	0.00124	0.000926	0.00000487	0.00793	0.00256	0.0531	0.0196	0.00000585	19.5	0.0000268	0.000516
2044 Nov	122	0.221	0.292	0.0059	25.6	0.0522	32.8	0.00133	0.000992	0.00000522	0.0085	0.00274	0.0566	0.021	0.00000626	20.9	0.0000286	0.000551
2044 Dec	134	0.242	0.319	0.00645	28	0.0571	35.9	0.00146	0.00108	0.0000057	0.00929	0.00299	0.0619	0.0229	0.00000684	22.9	0.0000312	0.000602
2045 Jan	149	0.27	0.355	0.00719	31.2	0.0636	40	0.00162	0.00121	0.00000636	0.0104	0.00334	0.069	0.0256	0.00000763	25.5	0.0000348	0.000672
2045 Feb	166	0.3	0.395	0.008	34.6	0.0708	44.6	0.00181	0.00134	0.00000707	0.0115	0.00372	0.0767	0.0284	0.00000848	28.4	0.0000387	0.000747
2045 Mar	178	0.321	0.424	0.00857	37.1	0.0759	47.9	0.00194	0.00144	0.00000758	0.0123	0.004	0.0823	0.0305	0.0000091	30.5	0.0000415	0.000801

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Apr	190	0.342	0.451	0.00914	39.6	0.0808	51.1	0.00207	0.00153	0.00000808	0.0131	0.00426	0.0877	0.0325	0.0000097	32.5	0.0000442	0.000854
2045 May	199	0.358	0.472	0.00956	41.4	0.0846	53.6	0.00217	0.00161	0.00000845	0.0138	0.00447	0.0918	0.034	0.0000101	34.1	0.0000462	0.000894
2045 Jun	114	0.195	0.256	0.00535	23.4	0.0493	29.4	0.00136	0.00105	0.00000547	0.00877	0.00258	0.0515	0.0203	0.00000639	20.2	0.000029	0.00052
2045 Jul	91.1	0.145	0.188	0.00408	17.9	0.0396	23.4	0.00121	0.000919	0.00000478	0.00756	0.00214	0.0397	0.0166	0.00000548	16.8	0.0000247	0.000417
2045 Aug	97.5	0.154	0.2	0.00433	18.8	0.0419	26.2	0.00129	0.000934	0.00000489	0.00773	0.00234	0.0427	0.0171	0.00000565	17.8	0.0000254	0.000442
2045 Sep	106	0.172	0.226	0.00478	20.4	0.0455	29.8	0.00134	0.000934	0.00000492	0.00787	0.00255	0.0483	0.0178	0.00000581	18.7	0.0000262	0.000481
2045 Oct	117	0.188	0.246	0.0052	22	0.0493	33.7	0.00147	0.000985	0.00000522	0.00837	0.00285	0.053	0.019	0.00000621	20.5	0.000028	0.000525
2045 Nov	127	0.204	0.267	0.00566	23.8	0.0536	37.1	0.00161	0.00107	0.00000565	0.00906	0.00313	0.0577	0.0206	0.00000673	22.4	0.0000304	0.000572
2045 Dec	137	0.219	0.286	0.00606	25.6	0.0575	39.9	0.00173	0.00114	0.00000606	0.00971	0.00336	0.0619	0.022	0.00000722	24	0.0000326	0.000613
2046 Jan	149	0.239	0.312	0.00661	27.8	0.0626	43.5	0.00189	0.00124	0.0000066	0.0106	0.00366	0.0674	0.024	0.00000786	26.2	0.0000355	0.000668
2046 Feb	162	0.259	0.339	0.00717	30.2	0.068	47.2	0.00205	0.00135	0.00000717	0.0115	0.00398	0.0732	0.0261	0.00000854	28.4	0.0000385	0.000726
2046 Mar	173	0.278	0.363	0.00768	32.4	0.0728	50.6	0.00219	0.00145	0.00000767	0.0123	0.00426	0.0784	0.0279	0.00000914	30.4	0.0000412	0.000777
2046 Apr	184	0.294	0.384	0.00814	34.3	0.0772	53.6	0.00233	0.00153	0.00000813	0.013	0.00452	0.0831	0.0296	0.00000969	32.2	0.0000437	0.000824
2046 May	186	0.298	0.389	0.00826	34.9	0.0783	54.4	0.00236	0.00156	0.00000827	0.0132	0.00458	0.0843	0.0302	0.00000984	32.8	0.0000444	0.000837
2046 Jun	106	0.158	0.204	0.00451	19.6	0.0451	28.9	0.00144	0.00103	0.00000537	0.00849	0.00259	0.0462	0.0185	0.0000062	19.5	0.000028	0.000483
2046 Jul	83	0.11	0.14	0.00332	14.6	0.036	22.2	0.00129	0.000925	0.00000482	0.00746	0.00212	0.0346	0.0151	0.00000541	16.1	0.0000241	0.000383
2046 Aug	94.1	0.13	0.169	0.00384	16.4	0.0405	26.8	0.00136	0.000936	0.00000491	0.00771	0.0024	0.0416	0.0161	0.00000566	17.4	0.0000255	0.000433
2046 Sep	101	0.145	0.19	0.00418	17.7	0.0438	29.7	0.00137	0.000924	0.00000488	0.00774	0.00255	0.0465	0.0166	0.00000573	18.1	0.0000258	0.000465
2046 Oct	104	0.151	0.193	0.00424	18	0.0453	31.2	0.00141	0.000926	0.0000049	0.00783	0.00266	0.0477	0.0169	0.00000579	18.7	0.0000259	0.000475
2046 Nov	110	0.16	0.203	0.00447	19.1	0.048	33.2	0.0015	0.000978	0.00000518	0.00828	0.00283	0.0504	0.0178	0.00000612	19.9	0.0000273	0.000502
2046 Dec	118	0.17	0.216	0.00477	20.3	0.0512	35.5	0.00161	0.00104	0.00000553	0.00883	0.00302	0.0537	0.019	0.00000653	21.2	0.0000291	0.000536
2047 Jan	128	0.186	0.236	0.00521	22.2	0.0559	38.8	0.00175	0.00114	0.00000603	0.00963	0.0033	0.0586	0.0207	0.00000713	23.2	0.0000318	0.000585
2047 Feb	140	0.202	0.257	0.00568	24.2	0.061	42.4	0.00192	0.00124	0.00000658	0.0105	0.00361	0.064	0.0226	0.00000777	25.3	0.0000346	0.000638
2047 Mar	148	0.213	0.271	0.00599	25.5	0.0643	44.8	0.00203	0.00131	0.00000693	0.0111	0.00381	0.0674	0.0238	0.00000819	26.7	0.0000365	0.000673
2047 Apr	156	0.224	0.284	0.00629	26.8	0.0676	47.2	0.00213	0.00137	0.00000729	0.0116	0.00401	0.0709	0.025	0.00000861	28.1	0.0000384	0.000707
2047 May	149	0.214	0.269	0.00597	25.9	0.0644	44.8	0.00204	0.00132	0.00000702	0.0112	0.00384	0.0672	0.0249	0.00000827	27.5	0.0000368	0.000681
2047 Jun	97.4	0.125	0.144	0.00333	17.9	0.0381	25.2	0.00131	0.000919	0.0000048	0.00737	0.00242	0.0371	0.0217	0.00000546	21.5	0.0000241	0.000453
2047 Jul	105	0.132	0.153	0.00353	18.5	0.0404	28.8	0.00143	0.000941	0.00000496	0.0076	0.00269	0.0401	0.0223	0.00000569	22.9	0.000025	0.000482
2047 Aug	119	0.157	0.189	0.00416	20.8	0.0463	34.8	0.00151	0.000953	0.00000507	0.00793	0.00305	0.0495	0.0235	0.00000601	24.6	0.0000269	0.000549
2047 Sep	127	0.173	0.213	0.00456	22.1	0.0502	38.4	0.00153	0.000941	0.00000504	0.00802	0.00324	0.0557	0.024	0.00000612	25.2	0.0000277	0.000588
2047 Oct	126	0.171	0.206	0.00446	21.7	0.0501	38.3	0.00154	0.000931	0.00000499	0.00795	0.00324	0.0547	0.0236	0.00000605	25.1	0.0000271	0.000578
2047 Nov	131	0.178	0.213	0.0046	22.5	0.052	39.9	0.00161	0.000967	0.00000519	0.00826	0.00337	0.0566	0.0244	0.00000628	26.1	0.000028	0.000599
2047 Dec	141	0.192	0.23	0.00498	24.3	0.0562	43.2	0.00174	0.00105	0.00000561	0.00893	0.00365	0.0612	0.0264	0.00000679	28.2	0.0000303	0.000648
2048 Jan	152	0.206	0.247	0.00535	26.1	0.0605	46.5	0.00188	0.00112	0.00000603	0.0096	0.00393	0.0658	0.0284	0.0000073	30.4	0.0000326	0.000697
2048 Feb	164	0.222	0.266	0.00576	28.1	0.0651	50.2	0.00203	0.00121	0.00000649	0.0103	0.00424	0.0709	0.0305	0.00000787	32.7	0.0000351	0.000751
2048 Mar	181	0.245	0.293	0.00634	30.9	0.0717	55.4	0.00223	0.00133	0.00000715	0.0114	0.00468	0.078	0.0336	0.00000866	36.1	0.0000386	0.000827
2048 Apr	189	0.256	0.306	0.00664	32.4	0.0751	58.1	0.00234	0.00139	0.00000749	0.0119	0.00491	0.0817	0.0352	0.00000907	37.8	0.0000404	0.000867
2048 May	196	0.265	0.317	0.00688	33.5	0.0778	60.2	0.00243	0.00144	0.00000775	0.0123	0.00508	0.0846	0.0365	0.00000939	39.2	0.0000418	0.000897
2048 Jun	117	0.149	0.177	0.00404	19.9	0.0477	34.2	0.00159	0.00102	0.00000542	0.00851	0.00304	0.0492	0.0227	0.00000634	24	0.0000282	0.000544
2048 Jul	86.5	0.0965	0.112	0.00281	13.9	0.0358	24.5	0.00135	0.000899	0.00000471	0.00724	0.00232	0.0343	0.0171	0.00000532	18.4	0.0000234	0.000402
2048 Aug	98.7	0.118	0.144	0.00335	15.8	0.0416	29.8	0.0014	0.000899	0.00000476	0.00745	0.00262	0.0433	0.0181	0.00000557	19.7	0.0000248	0.000463
2048 Sep	106	0.129	0.159	0.00361	16.7	0.0446	33	0.00144	0.000894	0.00000477	0.00753	0.00281	0.048	0.0186	0.00000568	20.5	0.0000253	0.000494
2048 Oct	106	0.129	0.157	0.00359	16.7	0.045	33.7	0.00147	0.000894	0.00000477	0.00754	0.00287	0.0478	0.0185	0.00000569	20.8	0.0000251	0.000494
2048 Nov	110	0.134	0.161	0.00369	17.2	0.0466	35	0.00153	0.000923	0.00000493	0.00779	0.00298	0.0492	0.0191	0.00000588	21.5	0.0000259	0.00051
2048 Dec	120	0.145	0.175	0.00401	18.7	0.0506	38.1	0.00167	0.001	0.00000536	0.00847	0.00324	0.0535	0.0208	0.00000639	23.4	0.0000281	0.000554
2049 Jan	132	0.16	0.192	0.00441	20.5	0.0556	41.9	0.00184	0.0011	0.00000589	0.0093	0.00357	0.0588	0.0228	0.00000702	25.8	0.0000309	0.000609
2049 Feb	143	0.173	0.208	0.00479	22.3	0.0605	45.6	0.002	0.0012	0.0000064	0.0101	0.00388	0.0639	0.0248	0.00000763	28	0.0000336	0.000662
2049 Mar	154	0.186	0.223	0.00513	23.9	0.0648	49	0.00215	0.00128	0.00000686	0.0108	0.00417	0.0685	0.0266	0.00000817	30.1	0.000036	0.00071
2049 Apr	162	0.195	0.235	0.0054	25.1	0.0682	51.7	0.00226	0.00135	0.00000722	0.0114	0.0044	0.0721	0.028	0.0000086	31.7	0.0000378	0.000748
2049 May	166	0.201	0.241	0.00554	25.8	0.07	53.1	0.00233	0.00139	0.00000741	0.0117	0.00452	0.074	0.0288	0.00000883	32.6	0.0000389	0.000768
2049 Jun	93.5	0.105	0.124	0.00304	14.6	0.0402	27.7	0.00142	0.000935	0.00000492	0.00765	0.00252	0.0399	0.0175	0.00000565	19.1	0.0000249	0.000439
2049 Jul	82.8	0.0842	0.0983	0.00258	12.4	0.0356	24.3	0.00137	0.0009	0.00000472	0.00725	0.0023	0.0339	0.0156	0.00000532	17.3	0.0000233	0.000388
2049 Aug	94.3	0.0985	0.118	0.00296	13.7	0.0401	29.5	0.00148	0.000919	0.00000487	0.00755	0.00264	0.0407	0.0166	0.00000562	19	0.0000248	0.00044
2049 Sep	102	0.113	0.138	0.00328	14.9	0.0441	33.3	0.00151	0.000909	0.00000485	0.00765	0.00284	0.0469	0.0172	0.00000574	19.9	0.0000256	0.000481
2049 Oct	105	0.116	0.139	0.0033	15.1	0.0451	34.8	0.00155	0.000908	0.00000486	0.0077	0.00295	0.0477	0.0174	0.00000578	20.4	0.0000255	0.000489
2049 Nov	112	0.122	0.145	0.00347	15.8	0.0477	37.4	0.00167	0.000953	0.00000512	0.00809	0.00317	0.0503	0.0182	0.00000609	21.8	0.0000268	0.000517
2049 Dec	121	0.132	0.157	0.00377	17.2	0.0518	40.8	0.00182	0.00103	0.00000556	0.00878	0.00345	0.0546	0.0198	0.00000661	23.7	0.0000291	0.000561
2050 Jan	132	0.144	0.171	0.00409	18.7	0.0562	44.4	0.00198	0.00112	0.00000603	0.00953	0.00375	0.0593	0.0215	0.00000718	25.8	0.0000316	0.00061
2050 Feb	145	0.157	0.187	0.00448	20.4	0.0615	48.7	0.00217	0.00123	0.0000066	0.0104	0.00412	0.0649	0.0235	0.00000786	28.2	0.0000345	0.000668
2050 Mar	157	0.17	0.202	0.00484	22.1	0.0665	52.8	0.00235	0.00133	0.00000713	0.0113	0.00446	0.0702	0.0254	0.00000849	30.5	0.0000373	0.000722
2050 Apr	167	0.181	0.215	0.00515	23.5	0.0708	56.3	0.00251	0.00141	0.00000759	0.012	0.00476	0.0748	0.027	0.00000905	32.6	0.0000397	0.00077
2050 May	173	0.188	0.223	0.00535	24.4	0.0735	58.6	0.00261	0.00147	0.00000789	0.0125	0.00495	0.0776	0.0281	0.0000094	33.9	0.0000413	0.0008
2050 Jun	99.8	0.101	0.117	0.00299	14.4	0.0425	31.3	0.00158	0.000976	0.00000517	0.00804	0.00281	0.0424	0.0179	0.00000596	20.5	0.0000262	0.000467
2050 Jul	86.3	0.0796	0.0909	0.00249	12	0.037	26.6	0.00148	0.000924	0.00000487	0.00745	0.00248	0.0351	0.0157	0.00000551	18.2	0.0000239	0.000402
2050 Aug	94.7	0.088	0.103	0.00271	12.8	0.0402	30.7	0.00158	0.000935	0.00000497	0.00763	0.00276	0.0398	0.0164	0.00000572	19.5	0.0000248	0.000438
2050 Sep	101	0.0972	0.115	0.00292	13.6	0.0431	34	0.00163	0.000931	0.00000498	0.00772	0.00296	0.0443	0.0169	0.00000583	20.4	0.0000254	0.00047
2050 Oct	108	0.103	0.12	0.00306	14.1	0.0454	37.2	0.00174	0.000953	0.00000513	0.00796	0.0032	0.047	0.0175	0.00000604	21.7	0.0000262	0.000497

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Nov	118	0.11	0.129	0.00329	15.1	0.0489	41	0.00191	0.00102	0.0000055	0.00852	0.00351	0.0508	0.0187	0.00000649	23.6	0.0000281	0.000537
2050 Dec	128	0.12	0.14	0.00357	16.4	0.0531	44.6	0.00207	0.0011	0.00000596	0.00923	0.00382	0.0551	0.0203	0.00000704	25.6	0.0000304	0.000583
2051 Jan	137	0.128	0.15	0.00383	17.6	0.0569	47.9	0.00223	0.00118	0.00000639	0.00989	0.0041	0.0591	0.0217	0.00000755	27.5	0.0000326	0.000625
2051 Feb	150	0.14	0.164	0.00417	19.2	0.062	52.4	0.00243	0.00129	0.00000696	0.0108	0.00448	0.0645	0.0237	0.00000823	30	0.0000356	0.000682
2051 Mar	162	0.151	0.177	0.00451	20.7	0.0671	56.7	0.00263	0.00139	0.00000753	0.0117	0.00486	0.0698	0.0256	0.0000089	32.4	0.0000385	0.000738
2051 Apr	172	0.16	0.187	0.00478	21.9	0.0711	60.2	0.00279	0.00148	0.00000798	0.0124	0.00515	0.074	0.0271	0.00000943	34.4	0.0000407	0.000782
2051 May	171	0.159	0.186	0.00474	21.9	0.0706	59.9	0.00278	0.00147	0.00000794	0.0123	0.00513	0.0734	0.0273	0.00000939	34.5	0.0000405	0.000779
2051 Jun	85.7	0.073	0.0802	0.00225	11.9	0.0352	26.1	0.00145	0.000898	0.00000474	0.00719	0.00247	0.0335	0.0168	0.00000534	18.9	0.0000233	0.000402
2051 Jul	84.8	0.0665	0.0726	0.00215	11.2	0.0346	26.4	0.00151	0.000915	0.00000483	0.0073	0.00251	0.0324	0.0161	0.00000542	18.8	0.0000235	0.000394
2051 Aug	97.6	0.0843	0.099	0.00259	12.8	0.0409	32.3	0.00156	0.00091	0.00000485	0.00749	0.00284	0.0425	0.0172	0.00000566	20.2	0.0000249	0.000462
2051 Sep	103	0.0936	0.11	0.00277	13.4	0.044	35.1	0.00157	0.000897	0.00000482	0.00754	0.00299	0.0469	0.0176	0.00000573	20.8	0.0000253	0.00049
2051 Oct	102	0.095	0.104	0.00267	13.3	0.0442	34.8	0.00158	0.000887	0.00000476	0.0075	0.00297	0.0454	0.0174	0.00000564	20.8	0.0000244	0.000477
2051 Nov	111	0.103	0.112	0.00288	14.4	0.0479	37.8	0.00172	0.00096	0.00000516	0.00812	0.00324	0.049	0.0189	0.00000611	22.6	0.0000264	0.000515
2051 Dec	119	0.111	0.12	0.00309	15.5	0.0515	40.7	0.00185	0.00103	0.00000554	0.00872	0.00349	0.0526	0.0203	0.00000656	24.3	0.0000283	0.000554
2052 Jan	130	0.121	0.131	0.00339	17	0.0564	44.7	0.00203	0.00113	0.00000607	0.00955	0.00383	0.0577	0.0222	0.00000719	26.7	0.000031	0.000607
2052 Feb	142	0.132	0.143	0.00369	18.5	0.0615	48.9	0.00222	0.00123	0.00000661	0.0104	0.00418	0.0629	0.0242	0.00000784	29.1	0.0000338	0.000662
2052 Mar	152	0.141	0.152	0.00393	19.7	0.0656	52.4	0.00238	0.00131	0.00000706	0.0111	0.00448	0.0672	0.0258	0.00000836	31.2	0.000036	0.000707
2052 Apr	161	0.15	0.162	0.00417	20.9	0.0696	55.7	0.00253	0.00139	0.00000748	0.0118	0.00476	0.0712	0.0273	0.00000887	33.1	0.0000382	0.00075
2052 May	146	0.135	0.144	0.00374	19.2	0.0626	49.9	0.00228	0.00127	0.0000068	0.0107	0.0043	0.0637	0.0255	0.00000804	30.4	0.0000346	0.000681
2052 Jun	93.5	0.0822	0.0836	0.00227	12.9	0.0386	29.6	0.00147	0.00087	0.00000463	0.00712	0.00269	0.0376	0.0185	0.00000533	20.8	0.000023	0.000438
2052 Jul	98	0.0831	0.0858	0.00233	13	0.0404	32.3	0.00157	0.000879	0.00000471	0.00718	0.00289	0.0396	0.0185	0.00000547	21.5	0.0000231	0.000453
2052 Aug	107	0.0929	0.1	0.00259	13.8	0.0446	37	0.00164	0.000882	0.00000476	0.00734	0.00318	0.0461	0.0193	0.00000567	22.8	0.0000241	0.000499
2052 Sep	113	0.099	0.108	0.00271	14.3	0.0471	39.8	0.00169	0.000877	0.00000477	0.0074	0.00334	0.0498	0.0196	0.00000576	23.5	0.0000245	0.000524
2052 Oct	118	0.104	0.112	0.00281	14.8	0.0491	42.4	0.00178	0.000896	0.00000489	0.00761	0.00354	0.0521	0.0201	0.00000594	24.6	0.0000252	0.000546
2052 Nov	129	0.113	0.121	0.00306	16	0.0535	46.5	0.00195	0.000973	0.00000532	0.00827	0.00388	0.0568	0.0219	0.00000646	26.8	0.0000274	0.000596
2052 Dec	139	0.121	0.131	0.0033	17.3	0.0576	50.2	0.0021	0.00105	0.00000572	0.0089	0.00419	0.0612	0.0235	0.00000696	28.9	0.0000295	0.000642
2053 Jan	150	0.131	0.141	0.00355	18.6	0.0621	54.2	0.00227	0.00113	0.00000617	0.00959	0.00452	0.0659	0.0253	0.0000075	31.2	0.0000317	0.000692
2053 Feb	163	0.142	0.153	0.00385	20.2	0.0674	58.9	0.00247	0.00122	0.00000669	0.0104	0.00491	0.0716	0.0275	0.00000814	33.9	0.0000344	0.000751
2053 Mar	174	0.151	0.162	0.0041	21.5	0.0717	62.7	0.00263	0.0013	0.00000711	0.0111	0.00523	0.0761	0.0292	0.00000866	36.1	0.0000366	0.000799
2053 Apr	183	0.159	0.171	0.00432	22.6	0.0756	66.3	0.00278	0.00137	0.0000075	0.0117	0.00553	0.0803	0.0308	0.00000913	38.1	0.0000386	0.000843
2053 May	150	0.13	0.137	0.00348	19.1	0.061	53.2	0.00226	0.00114	0.0000062	0.00958	0.0045	0.0642	0.0267	0.0000075	32.1	0.0000317	0.000693
2053 Jun	97.9	0.079	0.0771	0.00211	13.5	0.0379	30.9	0.0015	0.000852	0.00000455	0.00687	0.00283	0.0373	0.0207	0.00000527	22.8	0.0000225	0.000457
2053 Jul	105	0.0815	0.0815	0.00223	13.6	0.0403	35.1	0.00164	0.000871	0.00000469	0.0071	0.00313	0.0409	0.0208	0.0000055	24	0.0000235	0.000487
2053 Aug	120	0.0974	0.105	0.00263	15.1	0.0472	42	0.00172	0.000876	0.00000478	0.00743	0.00354	0.0521	0.0222	0.00000583	25.8	0.0000256	0.000566
2053 Sep	126	0.102	0.11	0.00274	15.5	0.0494	45.3	0.00182	0.000887	0.00000487	0.00758	0.00377	0.0552	0.0227	0.000006	27	0.0000263	0.000593
2053 Oct	131	0.105	0.113	0.00281	15.8	0.0509	47.7	0.0019	0.000897	0.00000495	0.00771	0.00395	0.0571	0.0231	0.00000613	27.9	0.0000267	0.000611
2053 Nov	135	0.108	0.116	0.00289	16.3	0.0525	49.3	0.00196	0.000923	0.00000509	0.00795	0.00408	0.0587	0.0237	0.00000631	28.7	0.0000274	0.000628
2053 Dec	147	0.118	0.126	0.00315	17.7	0.0573	53.8	0.00214	0.00101	0.00000555	0.00866	0.00445	0.064	0.0258	0.00000688	31.3	0.0000299	0.000685
2054 Jan	160	0.128	0.137	0.00341	19.2	0.0621	58.4	0.00233	0.00109	0.00000602	0.00939	0.00483	0.0694	0.028	0.00000746	34	0.0000324	0.000743
2054 Feb	172	0.137	0.147	0.00366	20.6	0.0666	62.8	0.0025	0.00117	0.00000646	0.0101	0.00519	0.0745	0.0301	0.000008	36.5	0.0000348	0.000798
2054 Mar	186	0.148	0.159	0.00396	22.3	0.0721	68	0.00271	0.00126	0.00000698	0.0109	0.00562	0.0806	0.0325	0.00000865	39.5	0.0000376	0.000863
2054 Apr	197	0.157	0.168	0.00419	23.6	0.0763	72.1	0.00287	0.00134	0.0000074	0.0115	0.00596	0.0853	0.0344	0.00000916	41.9	0.0000398	0.000914
2054 May	186	0.148	0.158	0.00395	22.5	0.072	67.9	0.00272	0.00127	0.00000703	0.0109	0.00563	0.0802	0.033	0.00000869	39.9	0.0000377	0.000866
2054 Jun	107	0.0822	0.0827	0.00221	14	0.0408	35.3	0.0016	0.000865	0.00000466	0.00711	0.00313	0.0427	0.0219	0.0000055	24.5	0.000024	0.000505
2054 Jul	103	0.0756	0.0757	0.00211	13.2	0.0396	34.2	0.00161	0.000869	0.00000468	0.00706	0.00307	0.0403	0.0208	0.00000547	23.7	0.0000235	0.000482
2054 Aug	109	0.0807	0.0827	0.00223	13.6	0.0425	37.3	0.00167	0.000872	0.00000472	0.00715	0.00326	0.0445	0.0212	0.0000056	24.5	0.0000239	0.000511
2054 Sep	115	0.0858	0.0892	0.00235	14.1	0.0453	40.5	0.00173	0.00087	0.00000474	0.00723	0.00346	0.0485	0.0215	0.00000572	25.3	0.0000244	0.000539
2054 Oct	117	0.088	0.0894	0.00236	14.1	0.0462	41.9	0.00177	0.000866	0.00000474	0.00726	0.00355	0.0493	0.0214	0.00000574	25.7	0.0000243	0.000544
2054 Nov	125	0.0937	0.0939	0.00249	14.9	0.0492	44.7	0.00189	0.000917	0.00000502	0.0077	0.00379	0.0521	0.0226	0.00000608	27.3	0.0000256	0.000576
2054 Dec	135	0.101	0.101	0.00269	16.1	0.0532	48.5	0.00205	0.00099	0.00000542	0.00831	0.00411	0.0563	0.0244	0.00000657	29.6	0.0000277	0.000623
2055 Jan	150	0.112	0.113	0.00298	17.9	0.059	53.9	0.00228	0.0011	0.00000602	0.00923	0.00457	0.0625	0.0271	0.0000073	32.8	0.0000307	0.000692
2055 Feb	165	0.124	0.124	0.00329	19.7	0.0652	59.6	0.00252	0.00121	0.00000665	0.0102	0.00505	0.0691	0.0299	0.00000806	36.3	0.0000339	0.000764
2055 Mar	179	0.134	0.134	0.00355	21.3	0.0704	64.4	0.00272	0.00131	0.00000717	0.011	0.00546	0.0746	0.0323	0.0000087	39.2	0.0000366	0.000825
2055 Apr	188	0.141	0.141	0.00374	22.4	0.0742	68	0.00288	0.00138	0.00000756	0.0116	0.00576	0.0786	0.0341	0.00000917	41.3	0.0000386	0.00087
2055 May	198	0.148	0.148	0.00392	23.5	0.0777	71.4	0.00302	0.00144	0.00000792	0.0121	0.00605	0.0824	0.0357	0.00000961	43.4	0.0000404	0.000912
2055 Jun	104	0.0732	0.0727	0.00213	12.7	0.0423	35.3	0.00171	0.000936	0.00000502	0.00764	0.00315	0.0423	0.0198	0.00000584	23.3	0.0000249	0.000489
2055 Jul	93.5	0.0596	0.0589	0.00187	10.9	0.0378	31.6	0.00164	0.000902	0.00000482	0.00728	0.00288	0.0366	0.0174	0.00000552	21	0.0000235	0.000434
2055 Aug	103	0.0665	0.0687	0.00205	11.6	0.0419	36.4	0.00174	0.000911	0.00000492	0.00748	0.0032	0.0427	0.0182	0.00000576	22.5	0.0000246	0.000481
2055 Sep	108	0.0711	0.0744	0.00214	11.9	0.0444	39.3	0.00179	0.000907	0.00000492	0.00754	0.00337	0.0465	0.0186	0.00000585	23.2	0.000025	0.000507
2055 Oct	112	0.0728	0.0756	0.00218	12.1	0.0455	41.4	0.00186	0.00091	0.00000496	0.0076	0.00353	0.0478	0.0187	0.00000593	23.9	0.0000252	0.00052
2055 Nov	116	0.0748	0.0774	0.00223	12.4	0.0467	42.9	0.00192	0.000932	0.00000509	0.0078	0.00365	0.0491	0.0192	0.00000609	24.7	0.0000259	0.000535
2055 Dec	121	0.0784	0.0812	0.00234	13	0.049	45.1	0.00202	0.000977	0.00000534	0.00818	0.00383	0.0515	0.0201	0.00000638	25.9	0.0000271	0.000561
2056 Jan	131	0.0846	0.0875	0.00253	14	0.0529	48.7	0.00218	0.00105	0.00000576	0.00882	0.00414	0.0556	0.0217	0.00000689	28	0.0000292	0.000606
2056 Feb	143	0.0921	0.0952	0.00275	15.2	0.0576	53.1	0.00238	0.00115	0.00000627	0.0096	0.00452	0.0605	0.0236	0.0000075	30.5	0.0000318	0.000659
2056 Mar	154	0.0993	0.103	0.00296	16.4	0.0621	57.3	0.00257	0.00124	0.00000676	0.0103	0.00488	0.0653	0.0255	0.00000808	32.9	0.0000343	0.000711
2056 Apr	163	0.105	0.109	0.00313	17.4	0.0657	60.8	0.00272	0.00131	0.00000715	0.0109	0.00517	0.0691	0.0269	0.00000856	34.9	0.0000363	0.000753
2056 May	148	0.0958	0.0968	0.00281	16.3	0.0589	54.2	0.00246	0.0012	0.00000653	0.00995	0.00466	0.0614	0.0256	0.00000777	32.3	0.000033	0.000685

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Jun	98.2	0.0635	0.0556	0.00174	12.8	0.0364	30.6	0.00158	0.000891	0.00000475	0.00705	0.0029	0.035	0.0219	0.00000541	24	0.0000231	0.000461
2056 Jul	105	0.0648	0.0574	0.0018	13	0.0384	34.2	0.00172	0.000911	0.00000489	0.00724	0.00317	0.0374	0.0221	0.00000562	25.3	0.0000237	0.000484
2056 Aug	114	0.0721	0.0684	0.00199	13.6	0.0431	39.2	0.00178	0.000911	0.00000494	0.00741	0.00347	0.0448	0.0229	0.00000584	26.5	0.0000249	0.000535
2056 Sep	123	0.0787	0.0775	0.00215	14.2	0.047	43.6	0.00185	0.000911	0.00000498	0.00758	0.00373	0.051	0.0236	0.00000602	27.6	0.0000259	0.000579
2056 Oct	120	0.0776	0.0742	0.00208	13.8	0.046	42.6	0.00182	0.000886	0.00000484	0.00739	0.00365	0.0493	0.0228	0.00000585	26.9	0.000025	0.00056
2056 Nov	127	0.0825	0.0783	0.0022	14.6	0.0488	45.3	0.00193	0.000939	0.00000514	0.00784	0.00388	0.0521	0.0241	0.0000062	28.6	0.0000265	0.000593
2056 Dec	139	0.0901	0.0855	0.0024	15.9	0.0533	49.6	0.00212	0.00103	0.00000561	0.00856	0.00425	0.057	0.0263	0.00000677	31.3	0.0000289	0.000648
2057 Jan	150	0.0976	0.0926	0.0026	17.2	0.0578	53.8	0.0023	0.00111	0.00000608	0.00927	0.00461	0.0618	0.0285	0.00000734	33.9	0.0000313	0.000703
2057 Feb	165	0.107	0.102	0.00285	18.9	0.0634	59.1	0.00252	0.00122	0.00000667	0.0102	0.00506	0.0678	0.0313	0.00000805	37.2	0.0000344	0.000771
2057 Mar	178	0.115	0.109	0.00307	20.3	0.0682	63.7	0.00272	0.00131	0.00000717	0.0109	0.00545	0.0729	0.0336	0.00000866	40.1	0.0000369	0.00083
2057 Apr	189	0.122	0.116	0.00326	21.6	0.0725	68	0.0029	0.00139	0.00000762	0.0116	0.00581	0.0776	0.0357	0.00000921	42.7	0.0000393	0.000883
2057 May	184	0.119	0.112	0.00316	21.2	0.0704	65.9	0.00282	0.00136	0.00000743	0.0113	0.00565	0.0751	0.0351	0.00000897	41.7	0.0000382	0.000859
2057 Jun	94.9	0.059	0.052	0.00165	11.9	0.0362	30.3	0.00152	0.000857	0.00000458	0.00686	0.00282	0.0355	0.0205	0.00000525	22.8	0.0000226	0.000449
2057 Jul	95.1	0.0565	0.05	0.00164	11.6	0.0363	30.8	0.00158	0.000878	0.00000469	0.00701	0.00286	0.0353	0.0201	0.00000536	22.7	0.000023	0.000448
2057 Aug	108	0.0656	0.0631	0.00188	12.5	0.0423	37.3	0.00168	0.000893	0.00000482	0.00737	0.00327	0.0448	0.0214	0.00000571	24.6	0.000025	0.000518
2057 Sep	113	0.0681	0.0659	0.00193	12.8	0.0441	39.9	0.00176	0.000897	0.00000487	0.00746	0.00345	0.0473	0.0218	0.00000582	25.5	0.0000254	0.000539
2057 Oct	115	0.0688	0.0658	0.00194	12.8	0.0446	41.3	0.00181	0.000896	0.00000489	0.00747	0.00356	0.0478	0.0217	0.00000585	26	0.0000254	0.000545
2057 Nov	126	0.0743	0.0707	0.00209	13.8	0.0482	45.3	0.00198	0.000965	0.00000527	0.00805	0.0039	0.0517	0.0234	0.00000632	28.3	0.0000273	0.00059
2057 Dec	137	0.0809	0.077	0.00227	15	0.0526	49.5	0.00216	0.00105	0.00000574	0.00877	0.00425	0.0564	0.0255	0.00000689	30.8	0.0000298	0.000643
2058 Jan	149	0.0877	0.0835	0.00246	16.2	0.057	53.7	0.00235	0.00114	0.00000622	0.0095	0.00461	0.0611	0.0276	0.00000747	33.4	0.0000323	0.000697
2058 Feb	164	0.0966	0.0919	0.00271	17.9	0.0628	59.2	0.00259	0.00125	0.00000685	0.0105	0.00509	0.0673	0.0304	0.00000823	36.8	0.0000355	0.000768
2058 Mar	177	0.104	0.0991	0.00293	19.3	0.0677	64	0.0028	0.00135	0.00000739	0.0113	0.0055	0.0726	0.0328	0.00000887	39.8	0.0000383	0.000829
2058 Apr	189	0.111	0.106	0.00312	20.6	0.0723	68.5	0.00299	0.00144	0.00000789	0.012	0.00588	0.0776	0.035	0.00000947	42.5	0.0000409	0.000885
2058 May	170	0.101	0.0938	0.00278	19.1	0.0643	60.4	0.00267	0.00131	0.00000715	0.0109	0.00525	0.0684	0.0328	0.00000854	38.9	0.0000369	0.000798
2058 Jun	95.4	0.0564	0.0448	0.00152	12.7	0.0343	28.3	0.00151	0.000892	0.00000473	0.00699	0.00277	0.0326	0.0231	0.00000533	24.3	0.0000231	0.000455
2058 Jul	97.9	0.0547	0.0444	0.00154	12.4	0.0353	30.3	0.0016	0.00091	0.00000484	0.00716	0.00291	0.0338	0.0225	0.00000548	24.5	0.0000236	0.000463
2058 Aug	108	0.0613	0.0541	0.00171	13	0.0402	35.5	0.00168	0.000914	0.00000491	0.00739	0.00323	0.0417	0.0234	0.00000573	25.9	0.0000251	0.000519
2058 Sep	112	0.0644	0.057	0.00176	13.2	0.0423	37.7	0.00171	0.00091	0.00000491	0.00745	0.00336	0.0445	0.0235	0.00000579	26.4	0.0000253	0.000536
2058 Oct	116	0.0667	0.0578	0.00179	13.4	0.0437	39.9	0.00179	0.000916	0.00000497	0.00755	0.00352	0.0458	0.0237	0.00000589	27.2	0.0000255	0.00055
2058 Nov	126	0.0718	0.0619	0.00192	14.3	0.0471	43.8	0.00196	0.00098	0.00000533	0.00809	0.00386	0.0495	0.0254	0.00000633	29.5	0.0000274	0.000593
2058 Dec	138	0.0784	0.0676	0.00209	15.6	0.0514	48	0.00215	0.00107	0.00000582	0.00884	0.00422	0.0541	0.0277	0.00000691	32.2	0.0000299	0.000648
2059 Jan	153	0.0867	0.0748	0.00231	17.3	0.0569	53.2	0.00238	0.00118	0.00000644	0.00978	0.00467	0.0599	0.0307	0.00000765	35.7	0.0000331	0.000718
2059 Feb	167	0.0946	0.0816	0.00252	18.8	0.0622	58.2	0.0026	0.00129	0.00000703	0.0107	0.00511	0.0654	0.0335	0.00000835	39	0.0000361	0.000784
2059 Mar	180	0.102	0.0882	0.00273	20.4	0.0672	63	0.00282	0.0014	0.0000076	0.0115	0.00553	0.0707	0.0362	0.00000903	42.2	0.000039	0.000848
2059 Apr	193	0.109	0.0941	0.00291	21.7	0.0718	67.4	0.00301	0.00149	0.00000811	0.0123	0.00592	0.0755	0.0386	0.00000964	45.1	0.0000416	0.000905
2059 May	177	0.101	0.0858	0.00267	20.3	0.0656	61.4	0.00276	0.00138	0.00000749	0.0113	0.00542	0.0686	0.0362	0.00000888	41.9	0.0000383	0.000833
2059 Jun	109	0.0627	0.0484	0.00159	13.8	0.0385	34.1	0.00168	0.000917	0.00000491	0.00729	0.00321	0.038	0.0253	0.00000565	27.3	0.0000243	0.000513
2059 Jul	115	0.0642	0.0494	0.00165	14.2	0.0402	37.5	0.00183	0.000948	0.00000511	0.00755	0.00349	0.0398	0.0259	0.00000589	28.9	0.0000252	0.000537
2059 Aug	125	0.0689	0.0556	0.00177	14.7	0.0441	42.2	0.00194	0.000964	0.00000523	0.00781	0.00381	0.0456	0.0269	0.00000615	30.5	0.0000264	0.000584
2059 Sep	130	0.0721	0.0593	0.00183	14.9	0.0465	45	0.00199	0.000962	0.00000525	0.00791	0.00397	0.0492	0.0272	0.00000626	31.2	0.000027	0.000609
2059 Oct	123	0.0743	0.0542	0.00174	14.5	0.0459	42	0.0019	0.000944	0.00000513	0.0078	0.00374	0.0459	0.0258	0.00000606	29.7	0.0000255	0.000571
2059 Nov	129	0.0785	0.0561	0.00181	15.2	0.0483	44	0.002	0.000991	0.00000538	0.0082	0.00393	0.0479	0.027	0.00000635	31.1	0.0000267	0.000595
2059 Dec	141	0.0857	0.0613	0.00198	16.6	0.0527	48.3	0.00219	0.00108	0.00000588	0.00894	0.0043	0.0523	0.0294	0.00000693	34	0.0000291	0.000651
2060 Jan	151	0.0918	0.0656	0.00212	17.8	0.0565	51.8	0.00235	0.00116	0.0000063	0.00958	0.00462	0.056	0.0315	0.00000743	36.4	0.0000312	0.000697
2060 Feb	164	0.0999	0.0714	0.00231	19.3	0.0615	56.5	0.00257	0.00126	0.00000685	0.0104	0.00503	0.061	0.0343	0.00000809	39.7	0.0000339	0.000759
2060 Mar	178	0.108	0.0771	0.00249	20.9	0.0665	61.2	0.00278	0.00136	0.0000074	0.0113	0.00545	0.066	0.037	0.00000874	42.9	0.0000366	0.000821
2060 Apr	188	0.114	0.0815	0.00264	22.1	0.0704	65	0.00295	0.00144	0.00000783	0.0119	0.00578	0.0698	0.0392	0.00000925	45.5	0.0000388	0.000869
2060 May	151	0.0926	0.0644	0.0021	18.4	0.0556	50.7	0.00234	0.00118	0.00000638	0.00963	0.00459	0.0544	0.033	0.00000747	37.4	0.0000313	0.000701
2060 Jun	104	0.0633	0.0405	0.00144	14.1	0.0368	31	0.00162	0.000914	0.00000487	0.00721	0.00303	0.0336	0.0258	0.0000055	27.3	0.0000232	0.000487
2060 Jul	111	0.0641	0.0418	0.0015	14.2	0.0388	34.7	0.00177	0.000942	0.00000505	0.00747	0.00332	0.036	0.0261	0.00000575	28.6	0.0000241	0.000513
2060 Aug	120	0.0692	0.0496	0.00163	14.6	0.0437	39.5	0.00181	0.000939	0.00000508	0.00763	0.00358	0.0439	0.0268	0.00000595	29.6	0.0000253	0.000564
2060 Sep	121	0.0707	0.0513	0.00165	14.4	0.0457	40.8	0.0018	0.00092	0.00000499	0.00754	0.00363	0.0465	0.0262	0.00000592	29.3	0.0000248	0.000571
2060 Oct	122	0.0718	0.0508	0.00164	14.4	0.0462	41.5	0.00183	0.000917	0.00000499	0.00755	0.00367	0.0466	0.026	0.00000592	29.4	0.0000247	0.000571
2060 Nov	127	0.0755	0.0526	0.00171	15	0.0484	43.3	0.00192	0.00096	0.00000522	0.00791	0.00384	0.0485	0.0271	0.00000619	30.8	0.0000257	0.000595
2060 Dec	136	0.0807	0.0562	0.00183	16.1	0.0518	46.4	0.00206	0.00103	0.00000558	0.00845	0.00411	0.0518	0.029	0.00000662	32.9	0.0000275	0.000636
2061 Jan	147	0.0869	0.0605	0.00197	17.3	0.0557	50.1	0.00222	0.0011	0.000006	0.00909	0.00444	0.0558	0.0312	0.00000713	35.5	0.0000296	0.000685
2061 Feb	159	0.0939	0.0654	0.00212	18.7	0.0603	54.3	0.0024	0.00119	0.00000649	0.00983	0.00481	0.0604	0.0337	0.00000771	38.4	0.000032	0.000741
2061 Mar	170	0.101	0.07	0.00227	20	0.0646	58.4	0.00258	0.00128	0.00000695	0.0105	0.00516	0.0647	0.0361	0.00000826	41.2	0.0000342	0.000794
2061 Apr	180	0.106	0.074	0.00241	21.1	0.0683	61.9	0.00273	0.00135	0.00000735	0.0111	0.00547	0.0685	0.0381	0.00000873	43.6	0.0000362	0.00084
2061 May	150	0.0895	0.0605	0.00198	18.3	0.0558	49.9	0.00225	0.00115	0.00000621	0.00933	0.0045	0.0551	0.0334	0.00000731	37.1	0.0000303	0.000702
2061 Jun	98.4	0.0592	0.0358	0.00129	13.8	0.0344	28.3	0.00147	0.000859	0.00000456	0.00668	0.00281	0.0312	0.0257	0.00000514	26.4	0.0000215	0.000465
2061 Jul	106	0.0608	0.0384	0.00136	14	0.0371	32.4	0.00161	0.000882	0.00000471	0.00693	0.0031	0.035	0.0262	0.00000539	27.7	0.0000226	0.000498
2061 Aug	118	0.066	0.0458	0.0015	14.5	0.0423	38.2	0.0017	0.000889	0.00000481	0.0072	0.00347	0.0433	0.0272	0.00000567	29.4	0.0000242	0.000559
2061 Sep	122	0.0677	0.0477	0.00153	14.6	0.0441	40.7	0.00176	0.00089	0.00000484	0.00728	0.00363	0.0459	0.0274	0.00000576	30.1	0.0000245	0.000578
2061 Oct	122	0.0691	0.0468	0.00152	14.5	0.0446	41	0.00178	0.000883	0.00000481	0.00727	0.00364	0.0457	0.0269	0.00000574	29.9	0.0000242	0.000572
2061 Nov	132	0.0755	0.0504	0.00164	15.7	0.0486	44.8	0.00195	0.000959	0.00000523	0.0079	0.00398	0.0495	0.0291	0.00000623	32.5	0.0000262	0.00062
2061 Dec	143	0.0816	0.0544	0.00178	16.9	0.0525	48.6	0.00211	0.00104	0.00000565	0.00854	0.00431	0.0535	0.0315	0.00000674	35.2	0.0000283	0.000671

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2062 Jan	155	0.0884	0.0589	0.00192	18.4	0.0569	52.7	0.00229	0.00112	0.00000612	0.00925	0.00467	0.058	0.0341	0.0000073	38.1	0.0000306	0.000727
2062 Feb	166	0.0945	0.063	0.00206	19.6	0.0608	56.5	0.00245	0.0012	0.00000654	0.00989	0.00501	0.0621	0.0364	0.0000078	40.8	0.0000327	0.000777
2062 Mar	178	0.101	0.0673	0.0022	20.9	0.065	60.5	0.00262	0.00128	0.00000699	0.0106	0.00536	0.0663	0.0389	0.00000834	43.7	0.000035	0.000831
2062 Apr	187	0.106	0.0709	0.00232	22.1	0.0686	63.9	0.00277	0.00135	0.00000737	0.0111	0.00566	0.07	0.041	0.00000879	46.1	0.0000369	0.000877
2062 May	197	0.112	0.0744	0.00243	23.2	0.072	67.3	0.00292	0.00142	0.00000773	0.0117	0.00596	0.0735	0.043	0.00000923	48.4	0.0000387	0.000921
2062 Jun	117	0.0639	0.0427	0.00156	14.1	0.0443	38.1	0.00185	0.000998	0.00000536	0.00807	0.00352	0.043	0.0262	0.00000619	29	0.0000263	0.000555
2062 Jul	95.7	0.0479	0.0323	0.00133	11.3	0.0368	30.5	0.00163	0.000917	0.00000488	0.0073	0.0029	0.0342	0.021	0.00000552	23.6	0.0000234	0.000451
2062 Aug	103	0.0507	0.0368	0.0014	11.4	0.0407	34.4	0.00167	0.000911	0.00000489	0.00736	0.00313	0.04	0.0214	0.00000566	24.4	0.0000239	0.000488
2062 Sep	106	0.0535	0.039	0.00144	11.5	0.043	36.7	0.00169	0.0009	0.00000485	0.00738	0.00325	0.0433	0.0215	0.0000057	24.8	0.0000241	0.000507
2062 Oct	105	0.0564	0.0373	0.00141	11.5	0.0434	36.5	0.0017	0.000894	0.00000482	0.00738	0.00324	0.0423	0.0211	0.00000566	24.7	0.0000235	0.000497
2062 Nov	114	0.0609	0.04	0.00151	12.4	0.0469	39.9	0.00186	0.000962	0.0000052	0.00795	0.00353	0.0456	0.0227	0.0000061	26.8	0.0000253	0.000536
2062 Dec	125	0.0665	0.0436	0.00165	13.5	0.0512	43.9	0.00204	0.00105	0.00000567	0.00867	0.00388	0.0499	0.0248	0.00000666	29.3	0.0000276	0.000586
2063 Jan	137	0.0723	0.0474	0.0018	14.7	0.0558	47.9	0.00223	0.00114	0.00000618	0.00943	0.00424	0.0543	0.027	0.00000725	32	0.00003	0.000639
2063 Feb	149	0.0785	0.0515	0.00195	16	0.0606	52.2	0.00243	0.00124	0.00000671	0.0102	0.00461	0.059	0.0293	0.00000788	34.8	0.0000326	0.000694
2063 Mar	162	0.0853	0.056	0.00212	17.3	0.0659	56.9	0.00265	0.00135	0.00000729	0.0111	0.00503	0.0642	0.0318	0.00000857	37.9	0.0000354	0.000756
2063 Apr	172	0.0905	0.0594	0.00225	18.4	0.0699	60.6	0.00281	0.00143	0.00000774	0.0118	0.00535	0.0682	0.0337	0.00000909	40.2	0.0000375	0.000802
2063 May	159	0.0841	0.0544	0.00207	17.3	0.064	55.4	0.00259	0.00132	0.00000716	0.0109	0.00493	0.062	0.0319	0.00000839	37.6	0.0000347	0.000742
2063 Jun	88.5	0.0469	0.0275	0.00121	11.5	0.0338	25.8	0.00147	0.000893	0.00000471	0.00699	0.00259	0.0297	0.0216	0.00000524	22.9	0.0000221	0.000421
2063 Jul	90.3	0.0432	0.0268	0.00121	10.8	0.0345	28	0.00156	0.000899	0.00000477	0.00709	0.00273	0.031	0.0204	0.00000534	22.7	0.0000226	0.000425
2063 Aug	101	0.047	0.0319	0.00131	11.2	0.0393	33.5	0.00166	0.000908	0.00000486	0.00732	0.00308	0.0383	0.0214	0.0000056	24.3	0.0000238	0.000479
2063 Sep	104	0.0482	0.0324	0.00132	11.3	0.0407	35.4	0.00172	0.00091	0.0000049	0.00735	0.00321	0.0397	0.0214	0.00000567	24.9	0.0000238	0.00049
2063 Oct	101	0.0482	0.0305	0.00127	10.9	0.0397	34.6	0.00169	0.000875	0.00000472	0.0071	0.00313	0.038	0.0205	0.00000546	24.1	0.0000226	0.000469
2063 Nov	107	0.0511	0.032	0.00133	11.5	0.0419	36.7	0.00179	0.000924	0.00000498	0.00749	0.00332	0.0401	0.0216	0.00000577	25.5	0.0000239	0.000496
2063 Dec	113	0.054	0.0338	0.00141	12.1	0.0443	38.7	0.00189	0.000975	0.00000526	0.00791	0.00351	0.0423	0.0228	0.00000609	26.9	0.0000252	0.000523
2064 Jan	121	0.058	0.0364	0.00151	13	0.0476	41.7	0.00204	0.00105	0.00000565	0.0085	0.00378	0.0456	0.0245	0.00000655	29	0.0000271	0.000563
2064 Feb	131	0.0625	0.0392	0.00163	14	0.0513	45	0.0022	0.00113	0.00000609	0.00916	0.00408	0.0491	0.0264	0.00000706	31.3	0.0000292	0.000607
2064 Mar	138	0.0659	0.0413	0.00172	14.8	0.0542	47.6	0.00232	0.00119	0.00000643	0.00966	0.00431	0.0518	0.0278	0.00000745	33	0.0000308	0.00064
2064 Apr	147	0.0701	0.0439	0.00183	15.7	0.0576	50.8	0.00248	0.00127	0.00000683	0.0103	0.00459	0.0551	0.0296	0.00000792	35.1	0.0000327	0.000681
2064 May	132	0.0646	0.0391	0.00163	14.8	0.0507	44.3	0.0022	0.00115	0.00000618	0.00924	0.00408	0.0479	0.0281	0.00000712	32.4	0.0000294	0.000615
2064 Jun	87.6	0.046	0.0239	0.00109	12.2	0.0305	24	0.00141	0.000861	0.00000453	0.00657	0.00251	0.0258	0.0234	0.00000499	24	0.0000208	0.000413
2064 Jul	93.8	0.0467	0.0255	0.00113	12.2	0.033	27.5	0.00152	0.000876	0.00000464	0.00675	0.00276	0.0291	0.0236	0.00000518	25	0.0000216	0.00044
2064 Aug	102	0.0491	0.0297	0.00121	12.4	0.0372	32.1	0.00158	0.000872	0.00000466	0.00687	0.00303	0.0358	0.0241	0.00000535	26	0.0000225	0.000483
2064 Sep	104	0.0506	0.0303	0.00121	12.3	0.0389	33.7	0.00162	0.000865	0.00000465	0.00686	0.00312	0.0376	0.0238	0.00000538	26.2	0.0000223	0.000492
2064 Oct	109	0.0526	0.0307	0.00124	12.5	0.0404	36.2	0.00172	0.00088	0.00000475	0.00702	0.00332	0.039	0.0242	0.00000552	27.2	0.0000226	0.000507
2064 Nov	116	0.0555	0.0324	0.00131	13.2	0.0427	38.7	0.00183	0.000927	0.00000501	0.0074	0.00354	0.0413	0.0255	0.00000583	28.8	0.0000239	0.000537
2064 Dec	123	0.0592	0.0345	0.00139	14.1	0.0456	41.3	0.00195	0.000988	0.00000535	0.00789	0.00378	0.0441	0.0272	0.00000622	30.8	0.0000255	0.000573
2065 Jan	134	0.064	0.0373	0.00151	15.2	0.0493	44.7	0.00212	0.00107	0.00000578	0.00853	0.00409	0.0477	0.0294	0.00000673	33.3	0.0000275	0.00062
2065 Feb	144	0.069	0.0402	0.00162	16.4	0.0532	48.4	0.00229	0.00115	0.00000623	0.0092	0.00442	0.0514	0.0317	0.00000726	35.9	0.0000297	0.000669
2065 Mar	153	0.0732	0.0427	0.00172	17.4	0.0565	51.6	0.00243	0.00122	0.00000662	0.00976	0.00471	0.0547	0.0336	0.00000771	38.2	0.0000315	0.000711
2065 Apr	161	0.077	0.0449	0.00181	18.3	0.0594	54.4	0.00257	0.00128	0.00000696	0.0103	0.00496	0.0575	0.0354	0.00000811	40.2	0.0000331	0.000748
2065 May	138	0.0667	0.038	0.00154	16.1	0.0499	45.4	0.00217	0.00111	0.00000597	0.00877	0.0042	0.0478	0.0311	0.00000692	34.9	0.0000283	0.000639
2065 Jun	95.7	0.0469	0.0252	0.00114	12.4	0.034	28.3	0.00155	0.00089	0.00000472	0.00687	0.00282	0.0302	0.024	0.00000528	25.4	0.0000219	0.000449
2065 Jul	101	0.0466	0.0261	0.00118	12.3	0.036	31.1	0.00166	0.000915	0.00000488	0.00713	0.00303	0.0328	0.024	0.0000055	26.1	0.0000229	0.000471
2065 Aug	110	0.0492	0.0296	0.00125	12.6	0.0399	35.7	0.00175	0.000925	0.00000497	0.00734	0.00333	0.0388	0.0248	0.00000573	27.5	0.0000241	0.000516
2065 Sep	111	0.0511	0.03	0.00125	12.5	0.0413	36.6	0.00174	0.000911	0.00000491	0.0073	0.00335	0.0404	0.0244	0.00000571	27.4	0.0000238	0.00052
2065 Oct	109	0.0544	0.0292	0.00123	12.2	0.0422	36.9	0.00173	0.000888	0.0000048	0.00724	0.00333	0.0406	0.0236	0.0000056	26.8	0.0000231	0.00051
2065 Nov	118	0.0592	0.0311	0.00131	13.1	0.0456	40.2	0.00188	0.00095	0.00000515	0.00777	0.00362	0.0437	0.0251	0.00000602	28.9	0.0000247	0.000548
2065 Dec	129	0.0641	0.0337	0.00142	14.2	0.0495	43.9	0.00205	0.00103	0.00000558	0.00842	0.00395	0.0475	0.0272	0.00000652	31.4	0.0000268	0.000595
2066 Jan	137	0.0683	0.0359	0.00152	15.1	0.0528	47	0.00219	0.0011	0.00000595	0.00897	0.00423	0.0507	0.029	0.00000696	33.5	0.0000285	0.000635
2066 Feb	146	0.0725	0.0381	0.00161	16.1	0.0561	50	0.00233	0.00116	0.00000631	0.00953	0.0045	0.0538	0.0308	0.00000739	35.7	0.0000303	0.000675
2066 Mar	154	0.0763	0.0401	0.0017	16.9	0.0591	52.8	0.00246	0.00123	0.00000665	0.01	0.00475	0.0567	0.0324	0.00000778	37.6	0.0000319	0.000711
2066 Apr	164	0.0809	0.0425	0.0018	17.9	0.0627	56.2	0.00262	0.0013	0.00000705	0.0106	0.00505	0.0602	0.0344	0.00000825	39.9	0.0000338	0.000755
2066 May	167	0.0823	0.0432	0.00183	18.3	0.0637	57.5	0.00268	0.00132	0.00000717	0.0108	0.00517	0.0612	0.0351	0.0000084	40.8	0.0000343	0.00077
2066 Jun	92.1	0.0437	0.0226	0.00112	10.9	0.035	28.7	0.00157	0.000887	0.00000471	0.00701	0.00278	0.0311	0.021	0.00000529	23.4	0.0000221	0.00043
2066 Jul	95.7	0.0424	0.023	0.00116	10.8	0.0367	30.8	0.00166	0.000915	0.00000488	0.00726	0.00294	0.0333	0.0209	0.00000551	23.8	0.000023	0.000446
2066 Aug	104	0.0444	0.0255	0.00121	11	0.04	35.1	0.00177	0.000928	0.00000499	0.00746	0.00324	0.0381	0.0216	0.00000573	25.2	0.000024	0.000485
2066 Sep	108	0.0459	0.0261	0.00122	11.1	0.0415	37.2	0.00182	0.000926	0.000005	0.00751	0.00338	0.0399	0.0217	0.00000579	25.8	0.0000241	0.000498
2066 Oct	109	0.048	0.0258	0.00122	11.1	0.0424	38.6	0.00187	0.000919	0.00000498	0.00751	0.00347	0.0405	0.0215	0.00000579	26.1	0.0000239	0.000501
2066 Nov	116	0.0507	0.0269	0.00127	11.6	0.0447	41.5	0.00199	0.000955	0.0000052	0.00784	0.00371	0.0428	0.0224	0.00000606	27.6	0.0000249	0.000528
2066 Dec	125	0.0547	0.029	0.00137	12.5	0.0483	44.8	0.00215	0.00103	0.00000561	0.00846	0.004	0.0461	0.0242	0.00000654	29.8	0.0000268	0.00057
2067 Jan	134	0.0586	0.0311	0.00146	13.4	0.0517	48.1	0.00231	0.0011	0.00000601	0.00906	0.00429	0.0494	0.0259	0.00000701	32	0.0000287	0.00061
2067 Feb	144	0.0626	0.0332	0.00156	14.3	0.0552	51.5	0.00247	0.00118	0.00000642	0.00967	0.0046	0.0528	0.0276	0.00000748	34.2	0.0000307	0.000652
2067 Mar	154	0.0668	0.0354	0.00167	15.3	0.059	55.1	0.00264	0.00126	0.00000685	0.0103	0.00492	0.0565	0.0295	0.000008	36.5	0.0000328	0.000697
2067 Apr	164	0.0712	0.0378	0.00178	16.3	0.063	59	0.00283	0.00134	0.00000731	0.011	0.00526	0.0603	0.0315	0.00000853	39	0.0000349	0.000745
2067 May	141	0.0623	0.0324	0.00153	14.5	0.0534	49.8	0.00241	0.00116	0.00000631	0.00946	0.00449	0.0507	0.028	0.00000733	34.1	0.00003	0.000641
2067 Jun	92.9	0.0425	0.0208	0.00105	10.9	0.0336	29.5	0.00159	0.000851	0.00000455	0.0067	0.00285	0.0298	0.0212	0.00000512	23.9	0.0000212	0.000426
2067 Jul	99.8	0.0433	0.022	0.00109	11.1	0.036	33	0.00172	0.000876	0.00000471	0.00695	0.00311	0.0329	0.0217	0.00000536	25.2	0.0000221	0.000455

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 Aug	106	0.0442	0.0236	0.00113	11.2	0.0388	36.4	0.0018	0.000882	0.00000478	0.00705	0.00334	0.0367	0.0221	0.00000552	26.1	0.0000226	0.000483
2067 Sep	109	0.0453	0.0241	0.00114	11.3	0.0403	38.4	0.00185	0.000883	0.00000481	0.0071	0.00348	0.0385	0.0222	0.00000559	26.7	0.0000227	0.000496
2067 Oct	111	0.0476	0.024	0.00114	11.3	0.0413	39.5	0.00188	0.000878	0.00000479	0.00713	0.00355	0.0393	0.022	0.0000056	26.9	0.0000226	0.000499
2067 Nov	117	0.0507	0.0249	0.00119	11.8	0.0436	42.2	0.00201	0.000917	0.00000502	0.00746	0.00378	0.0413	0.0229	0.00000587	28.4	0.0000235	0.000524
2067 Dec	125	0.0539	0.0265	0.00127	12.5	0.0465	45	0.00214	0.000976	0.00000534	0.00794	0.00403	0.044	0.0244	0.00000625	30.3	0.000025	0.000559
2068 Jan	132	0.057	0.028	0.00134	13.3	0.0491	47.7	0.00226	0.00103	0.00000565	0.0084	0.00426	0.0465	0.0258	0.00000661	32	0.0000265	0.000591
2068 Feb	143	0.0615	0.0302	0.00144	14.3	0.053	51.5	0.00244	0.00111	0.00000609	0.00905	0.0046	0.0502	0.0278	0.00000712	34.6	0.0000285	0.000637
2068 Mar	151	0.0652	0.032	0.00153	15.2	0.0562	54.7	0.0026	0.00118	0.00000646	0.0096	0.00489	0.0533	0.0295	0.00000756	36.7	0.0000303	0.000676
2068 Apr	159	0.0684	0.0336	0.0016	15.9	0.0591	57.6	0.00273	0.00124	0.00000678	0.0101	0.00515	0.056	0.0309	0.00000793	38.5	0.0000318	0.00071
2068 May	147	0.0643	0.0311	0.00148	15.2	0.0539	52.5	0.00251	0.00115	0.00000629	0.00931	0.00473	0.0507	0.0296	0.00000734	36.2	0.0000294	0.000659
2068 Jun	93.5	0.0444	0.02	0.00103	11.9	0.0324	27.7	0.00156	0.000869	0.00000462	0.0067	0.00279	0.0276	0.0233	0.00000513	25.1	0.0000211	0.00043
2068 Jul	98.3	0.0438	0.0211	0.00106	11.8	0.0348	30.6	0.00163	0.000882	0.00000471	0.00687	0.00298	0.0312	0.0233	0.00000531	25.6	0.0000219	0.000453
2068 Aug	107	0.0456	0.023	0.00111	12.1	0.038	35	0.00175	0.000899	0.00000484	0.0071	0.00328	0.0358	0.0241	0.00000555	27.2	0.0000229	0.000492
2068 Sep	110	0.0471	0.0233	0.00112	12.1	0.0395	36.9	0.0018	0.000897	0.00000485	0.00714	0.00341	0.0375	0.0241	0.0000056	27.6	0.000023	0.000504
2068 Oct	115	0.0486	0.0236	0.00113	12.2	0.0409	39.5	0.0019	0.000905	0.00000492	0.00725	0.00361	0.039	0.0243	0.00000572	28.6	0.0000233	0.000519
2068 Nov	122	0.0511	0.0248	0.00119	12.8	0.0432	42.2	0.00203	0.000949	0.00000518	0.00762	0.00384	0.0412	0.0255	0.00000602	30.3	0.0000245	0.000549
2068 Dec	130	0.0543	0.0264	0.00127	13.7	0.046	45.1	0.00216	0.00101	0.0000055	0.0081	0.0041	0.0439	0.0271	0.0000064	32.2	0.000026	0.000584
2069 Jan	140	0.0585	0.0284	0.00136	14.7	0.0495	48.6	0.00233	0.00109	0.00000593	0.00872	0.00442	0.0473	0.0292	0.0000069	34.7	0.000028	0.000629
2069 Feb	150	0.0626	0.0304	0.00146	15.7	0.053	52.1	0.0025	0.00116	0.00000634	0.00933	0.00474	0.0506	0.0312	0.00000738	37.2	0.00003	0.000674
2069 Mar	161	0.0673	0.0327	0.00157	16.9	0.0571	56.1	0.00269	0.00125	0.00000683	0.01	0.00511	0.0545	0.0336	0.00000794	40.1	0.0000323	0.000725
2069 Apr	171	0.0713	0.0346	0.00166	17.9	0.0605	59.6	0.00285	0.00132	0.00000723	0.0106	0.00542	0.0578	0.0356	0.00000841	42.5	0.0000342	0.000768
2069 May	174	0.0723	0.0351	0.00168	18.2	0.0614	60.9	0.00292	0.00134	0.00000734	0.0108	0.00554	0.0586	0.0361	0.00000854	43.3	0.0000346	0.000782
2069 Jun	99.6	0.0405	0.0197	0.00108	11	0.0356	32.5	0.00175	0.000905	0.00000486	0.00711	0.00311	0.032	0.0218	0.00000548	25.3	0.0000226	0.000453
2069 Jul	101	0.0387	0.0196	0.0011	10.7	0.0366	33.6	0.0018	0.000924	0.00000496	0.00728	0.00319	0.0333	0.0214	0.00000561	25.2	0.0000232	0.000459
2069 Aug	106	0.0396	0.0207	0.00112	10.9	0.0389	36.4	0.00187	0.000932	0.00000503	0.00739	0.00338	0.0363	0.0218	0.00000575	26.1	0.0000237	0.000483
2069 Sep	107	0.0414	0.0207	0.00111	10.8	0.04	37.2	0.00187	0.000917	0.00000496	0.00734	0.00341	0.0375	0.0215	0.00000571	26	0.0000233	0.000485
2069 Oct	108	0.0452	0.0203	0.0011	10.8	0.0413	38.2	0.00189	0.000905	0.00000492	0.00734	0.00346	0.0381	0.0211	0.00000568	26.1	0.0000229	0.000485
2069 Nov	112	0.0478	0.0208	0.00114	11.2	0.0431	40.1	0.00197	0.000934	0.00000508	0.0076	0.00362	0.0395	0.0218	0.00000588	27.1	0.0000236	0.000502
2069 Dec	122	0.0519	0.0226	0.00124	12.1	0.0468	43.6	0.00215	0.00101	0.00000552	0.00826	0.00394	0.0429	0.0236	0.00000639	29.5	0.0000256	0.000545
2070 Jan	134	0.0568	0.0247	0.00135	13.3	0.0511	47.7	0.00235	0.00111	0.00000604	0.00903	0.00431	0.047	0.0258	0.00000699	32.3	0.000028	0.000596
2070 Feb	144	0.0611	0.0266	0.00146	14.3	0.0552	51.6	0.00254	0.00119	0.0000065	0.00973	0.00466	0.0507	0.0278	0.00000753	34.8	0.0000302	0.000643
2070 Mar	156	0.0658	0.0286	0.00157	15.4	0.0594	55.8	0.00274	0.00129	0.000007	0.0105	0.00503	0.0546	0.03	0.00000811	37.5	0.0000325	0.000693
2070 Apr	164	0.0691	0.03	0.00165	16.2	0.0624	58.8	0.00289	0.00135	0.00000736	0.011	0.0053	0.0574	0.0315	0.00000852	39.5	0.0000341	0.000729
2070 May	146	0.0628	0.027	0.00147	14.9	0.055	51.5	0.00256	0.00121	0.00000658	0.0098	0.00469	0.0501	0.0291	0.0000076	35.8	0.0000304	0.000652
2070 Jun	100	0.0464	0.019	0.00104	12	0.0353	31.3	0.0017	0.000893	0.00000478	0.00697	0.00306	0.0303	0.0235	0.00000536	26.3	0.0000217	0.000453
2070 Jul	106	0.0467	0.0197	0.00107	12.2	0.0372	34.7	0.00183	0.000912	0.00000491	0.00716	0.00332	0.0328	0.0239	0.00000556	27.5	0.0000224	0.000477
2070 Aug	114	0.0478	0.0213	0.0011	12.3	0.0405	38.8	0.00191	0.000918	0.00000498	0.00731	0.00358	0.0377	0.0245	0.00000575	28.7	0.0000233	0.000514
2070 Sep	114	0.0496	0.0212	0.00109	12.1	0.0416	39.4	0.0019	0.000904	0.00000492	0.00728	0.0036	0.0387	0.024	0.00000571	28.5	0.000023	0.000514
2070 Oct	115	0.0518	0.0205	0.00108	12.1	0.0422	40	0.00194	0.000903	0.00000492	0.00731	0.00365	0.0385	0.0237	0.00000571	28.6	0.0000227	0.00051
2070 Nov	124	0.056	0.022	0.00117	13	0.0455	43.7	0.00211	0.00097	0.0000053	0.00786	0.00397	0.0415	0.0254	0.00000615	30.9	0.0000243	0.00055
2070 Dec	137	0.0617	0.0242	0.00128	14.4	0.0502	48.2	0.00233	0.00107	0.00000584	0.00866	0.00438	0.0457	0.028	0.00000677	34.1	0.0000268	0.000607
2071 Jan	150	0.0673	0.0264	0.0014	15.7	0.0548	52.8	0.00255	0.00117	0.00000637	0.00946	0.00479	0.05	0.0306	0.0000074	37.3	0.0000293	0.000663
2071 Feb	165	0.0739	0.029	0.00154	17.2	0.0602	58.2	0.00281	0.00128	0.000007	0.0104	0.00528	0.0549	0.0336	0.00000813	41	0.0000322	0.000729
2071 Mar	180	0.0804	0.0316	0.00167	18.7	0.0656	63.5	0.00306	0.00139	0.00000762	0.0113	0.00576	0.0598	0.0365	0.00000885	44.6	0.000035	0.000793
2071 Apr	192	0.0854	0.0336	0.00178	19.9	0.0697	67.7	0.00326	0.00148	0.0000081	0.012	0.00614	0.0636	0.0388	0.00000941	47.5	0.0000372	0.000845
2071 May	162	0.0734	0.0286	0.00151	17.4	0.0582	56.2	0.00274	0.00126	0.00000689	0.0102	0.00515	0.0527	0.0339	0.00000796	40.7	0.0000315	0.000716
2071 Jun	101	0.048	0.0186	0.00101	12.4	0.0351	31.6	0.00169	0.000882	0.00000473	0.00688	0.00309	0.0301	0.0242	0.00000531	26.9	0.0000214	0.000457
2071 Jul	105	0.0465	0.0186	0.00103	12.1	0.0364	34.2	0.0018	0.000895	0.00000483	0.00703	0.00328	0.0319	0.0239	0.00000546	27.4	0.000022	0.000471
2071 Aug	114	0.0477	0.02	0.00106	12.3	0.0396	38.6	0.00191	0.000903	0.00000491	0.0072	0.00357	0.0367	0.0245	0.00000565	28.8	0.0000229	0.000509
2071 Sep	115	0.0484	0.0202	0.00106	12.1	0.041	39.9	0.00192	0.000891	0.00000486	0.00716	0.00364	0.0385	0.0242	0.00000565	28.8	0.0000227	0.000516
2071 Oct	119	0.0501	0.0201	0.00107	12.3	0.0421	41.9	0.002	0.000899	0.00000493	0.00726	0.00379	0.0393	0.0243	0.00000574	29.5	0.0000228	0.000525
2071 Nov	118	0.0508	0.0197	0.00106	12.2	0.042	41.6	0.00199	0.000893	0.0000049	0.00723	0.00377	0.0388	0.024	0.0000057	29.3	0.0000225	0.000519
2071 Dec	127	0.0547	0.0212	0.00114	13.1	0.0453	44.9	0.00215	0.000962	0.00000528	0.00778	0.00406	0.0417	0.0258	0.00000614	31.6	0.0000243	0.000559
2072 Jan	137	0.0591	0.0229	0.00123	14.2	0.0489	48.6	0.00233	0.00104	0.0000057	0.0084	0.0044	0.0451	0.0279	0.00000663	34.1	0.0000262	0.000604
2072 Feb	151	0.0649	0.0251	0.00135	15.6	0.0538	53.5	0.00256	0.00114	0.00000626	0.00923	0.00485	0.0496	0.0306	0.00000729	37.6	0.0000288	0.000664
2072 Mar	162	0.0696	0.027	0.00145	16.7	0.0577	57.6	0.00276	0.00122	0.00000671	0.0099	0.00521	0.0533	0.0328	0.00000782	40.3	0.0000309	0.000713
2072 Apr	172	0.0736	0.0285	0.00153	17.6	0.0612	61.2	0.00293	0.00129	0.00000711	0.0105	0.00553	0.0564	0.0347	0.00000828	42.8	0.0000327	0.000755
2072 May	179	0.0766	0.0297	0.00159	18.4	0.0637	64	0.00306	0.00135	0.0000074	0.0109	0.00578	0.0588	0.0361	0.00000862	44.6	0.000034	0.000788
2072 Jun	108	0.0442	0.0177	0.00106	11.2	0.0391	37.2	0.00192	0.000921	0.00000499	0.00735	0.00347	0.0349	0.0221	0.00000569	27	0.0000228	0.000479
2072 Jul	106	0.0405	0.0168	0.00103	10.6	0.0386	37.6	0.00194	0.000902	0.00000491	0.00719	0.00347	0.0345	0.0209	0.00000561	26.2	0.0000223	0.000467
2072 Aug	111	0.0408	0.0174	0.00104	10.5	0.0414	40.5	0.00198	0.000891	0.00000488	0.00713	0.00364	0.0383	0.0208	0.00000567	26.7	0.0000221	0.000488
2072 Sep	114	0.0419	0.0177	0.00104	10.4	0.0433	42.2	0.00199	0.000879	0.00000483	0.00709	0.00372	0.0408	0.0207	0.00000568	26.8	0.0000219	0.000501
2072 Oct	111	0.0444	0.0169	0.00102	10.4	0.0431	41.1	0.00196	0.000871	0.00000478	0.00706	0.00364	0.0394	0.0202	0.00000559	26.4	0.0000213	0.000486
2072 Nov	119	0.0481	0.018	0.00109	11.1	0.0461	43.8	0.0021	0.000932	0.00000512	0.00756	0.00389	0.0418	0.0216	0.00000598	28.2	0.0000227	0.000517
2072 Dec	129	0.0524	0.0196	0.00119	12.1	0.0503	47.8	0.00229	0.00101	0.00000557	0.00823	0.00424	0.0456	0.0235	0.00000651	30.7	0.0000248	0.000564
2073 Jan	140	0.0566	0.0211	0.00128	13.1	0.0543	51.7	0.00247	0.00109	0.00000601	0.00888	0.00458	0.0492	0.0254	0.00000703	33.2	0.0000267	0.000609
2073 Feb	152	0.0613	0.0229	0.00139	14.2	0.0589	56.2	0.00269	0.00119	0.00000652	0.00963	0.00498	0.0534	0.0275	0.00000762	36	0.0000289	0.000661

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2073 Mar	163	0.0659	0.0246	0.00149	15.2	0.0633	60.7	0.0029	0.00128	0.00000701	0.0104	0.00538	0.0575	0.0296	0.0000082	38.8	0.0000311	0.000711
2073 Apr	172	0.0691	0.0258	0.00157	16	0.0664	63.8	0.00305	0.00134	0.00000735	0.0108	0.00565	0.0603	0.031	0.0000086	40.7	0.0000326	0.000746
2073 May	147	0.0609	0.0225	0.00134	14.4	0.0557	53.1	0.00257	0.00116	0.00000634	0.0093	0.00477	0.05	0.0281	0.00000736	35.6	0.0000281	0.000641
2073 Jun	99.2	0.0436	0.0162	0.000983	11.4	0.036	32	0.00172	0.000878	0.00000471	0.00683	0.00308	0.0305	0.0222	0.0000053	25.6	0.0000208	0.000443
2073 Jul	104	0.042	0.0164	0.001	11.1	0.0376	35	0.00182	0.00089	0.00000481	0.00698	0.00329	0.033	0.022	0.00000546	26.2	0.0000215	0.000461
2073 Aug	112	0.0426	0.0175	0.00102	11.2	0.0409	39.6	0.00194	0.000893	0.00000487	0.00711	0.0036	0.0379	0.0225	0.00000565	27.6	0.0000223	0.000498
2073 Sep	115	0.0436	0.0177	0.00102	11.2	0.0423	41.3	0.00196	0.000884	0.00000485	0.00711	0.0037	0.0398	0.0224	0.00000567	27.8	0.0000222	0.000509
2073 Oct	113	0.0452	0.0169	0.001	11	0.0421	41	0.00196	0.000871	0.00000478	0.00704	0.00367	0.0388	0.0218	0.00000559	27.5	0.0000217	0.000497
2073 Nov	119	0.0481	0.0177	0.00106	11.6	0.0444	43.2	0.00207	0.000918	0.00000504	0.00742	0.00387	0.0407	0.0229	0.00000588	28.9	0.0000227	0.000522
2073 Dec	129	0.0519	0.0191	0.00114	12.5	0.0479	46.6	0.00223	0.00099	0.00000543	0.008	0.00418	0.0439	0.0247	0.00000634	31.2	0.0000245	0.000563
2074 Jan	141	0.0567	0.0209	0.00125	13.7	0.0524	51	0.00244	0.00108	0.00000594	0.00875	0.00457	0.048	0.027	0.00000694	34.2	0.0000268	0.000616
2074 Feb	155	0.0622	0.0229	0.00137	15	0.0575	56.1	0.00268	0.00119	0.00000652	0.0096	0.00502	0.0527	0.0296	0.00000761	37.5	0.0000294	0.000676
2074 Mar	167	0.0671	0.0247	0.00147	16.2	0.062	60.6	0.0029	0.00128	0.00000703	0.0103	0.00543	0.0569	0.0319	0.00000821	40.5	0.0000317	0.00073
2074 Apr	177	0.0711	0.0262	0.00156	17.2	0.0658	64.5	0.00308	0.00136	0.00000745	0.011	0.00577	0.0603	0.0339	0.00000871	43	0.0000336	0.000775
2074 May	148	0.062	0.0226	0.00131	15.4	0.0536	51.9	0.00253	0.00115	0.0000063	0.0092	0.00474	0.0484	0.0304	0.00000729	37	0.0000283	0.000652
2074 Jun	97.8	0.0445	0.0165	0.000956	12.2	0.0334	29.3	0.00161	0.000872	0.00000465	0.0067	0.00293	0.0282	0.0243	0.00000518	26.3	0.0000209	0.000443
2074 Jul	106	0.0442	0.0172	0.000985	12.2	0.0364	34	0.00175	0.000886	0.00000477	0.00692	0.00326	0.0328	0.0245	0.00000542	27.6	0.0000219	0.000479
2074 Aug	116	0.0454	0.0184	0.00102	12.4	0.0398	38.7	0.00187	0.000898	0.00000488	0.00712	0.00358	0.0378	0.0253	0.00000564	29.2	0.000023	0.000521
2074 Sep	116	0.0466	0.0182	0.00101	12.3	0.0408	39.6	0.00189	0.000887	0.00000484	0.00709	0.00362	0.0387	0.0249	0.00000563	29.1	0.0000227	0.000522
2074 Oct	118	0.0475	0.0177	0.000992	12.1	0.0413	41.2	0.00194	0.000873	0.00000479	0.00704	0.00372	0.039	0.0243	0.00000559	29.2	0.0000223	0.000521
2074 Nov	125	0.0496	0.0184	0.00103	12.5	0.0435	44.3	0.00207	0.000907	0.00000499	0.00733	0.00398	0.0412	0.0253	0.00000585	30.9	0.0000232	0.000549
2074 Dec	132	0.0523	0.0194	0.00109	13.2	0.0459	46.8	0.00219	0.000956	0.00000526	0.00773	0.00421	0.0435	0.0267	0.00000618	32.6	0.0000245	0.00058
2075 Jan	140	0.0555	0.0206	0.00115	14	0.0487	49.7	0.00233	0.00101	0.00000559	0.0082	0.00447	0.0462	0.0283	0.00000655	34.6	0.000026	0.000615
2075 Feb	151	0.0597	0.0221	0.00124	15.1	0.0524	53.6	0.00251	0.00109	0.00000601	0.00882	0.00481	0.0497	0.0304	0.00000705	37.3	0.0000279	0.000662
2075 Mar	161	0.0635	0.0235	0.00132	16.1	0.0558	57.2	0.00267	0.00116	0.0000064	0.00939	0.00514	0.0529	0.0324	0.00000751	39.7	0.0000297	0.000705
2075 Apr	168	0.0664	0.0246	0.00138	16.8	0.0584	60	0.00281	0.00121	0.00000669	0.00982	0.00539	0.0554	0.0338	0.00000785	41.6	0.0000311	0.000739
2075 May	160	0.0634	0.0234	0.00131	16.1	0.055	56.6	0.00266	0.00115	0.00000635	0.0093	0.0051	0.052	0.0325	0.00000744	39.7	0.0000295	0.0007
2075 Jun	101	0.038	0.0149	0.000984	10.5	0.0363	33.9	0.0018	0.000895	0.00000483	0.00708	0.0032	0.0324	0.021	0.00000546	25.3	0.0000222	0.000451
2075 Jul	92.9	0.0328	0.0136	0.000972	9.56	0.0342	30.7	0.00172	0.000895	0.00000479	0.00703	0.00295	0.0298	0.0192	0.00000536	23.1	0.000022	0.000417
2075 Aug	99.3	0.0332	0.0141	0.000986	9.64	0.0366	34.1	0.00181	0.000898	0.00000485	0.00712	0.00318	0.0332	0.0195	0.0000055	24.1	0.0000224	0.000443
2075 Sep	104	0.034	0.0144	0.000994	9.71	0.0381	36.7	0.0019	0.000901	0.00000489	0.00719	0.00337	0.0351	0.0197	0.0000056	25	0.0000227	0.00046
2075 Oct	104	0.0348	0.0139	0.000975	9.59	0.0381	37.5	0.00192	0.000884	0.00000482	0.00708	0.00342	0.0348	0.0193	0.00000553	25	0.0000222	0.000456
2075 Nov	106	0.0356	0.0141	0.000986	9.72	0.0387	38.3	0.00196	0.000894	0.00000488	0.00718	0.00349	0.0353	0.0195	0.0000056	25.4	0.0000224	0.000463
2075 Dec	114	0.0383	0.0151	0.00106	10.4	0.0416	41.3	0.00211	0.000961	0.00000524	0.00771	0.00376	0.038	0.021	0.00000602	27.4	0.0000241	0.000498
2076 Jan	123	0.0414	0.0163	0.00114	11.3	0.0449	44.6	0.00228	0.00104	0.00000566	0.00833	0.00407	0.041	0.0227	0.0000065	29.6	0.000026	0.000538
2076 Feb	134	0.0447	0.0176	0.00124	12.2	0.0486	48.4	0.00247	0.00112	0.00000612	0.009	0.0044	0.0444	0.0245	0.00000703	32	0.0000281	0.000582
2076 Mar	142	0.0474	0.0187	0.00131	12.9	0.0516	51.6	0.00263	0.00119	0.0000065	0.00956	0.00469	0.0472	0.026	0.00000747	34	0.0000298	0.000618
2076 Apr	150	0.05	0.0197	0.00138	13.6	0.0545	54.6	0.00278	0.00126	0.00000686	0.0101	0.00496	0.0498	0.0274	0.00000788	36	0.0000315	0.000653
2076 May	137	0.0469	0.0183	0.00126	12.9	0.0489	48.8	0.00251	0.00115	0.00000625	0.00914	0.00448	0.0443	0.0259	0.00000715	33.2	0.0000286	0.000596
2076 Jun	92.3	0.0354	0.0138	0.000954	10.5	0.0322	28.7	0.00167	0.000893	0.00000476	0.00689	0.00286	0.027	0.021	0.00000526	24	0.0000215	0.000414
2076 Jul	96	0.0338	0.0138	0.000971	10.2	0.0335	31.2	0.00177	0.000905	0.00000485	0.00704	0.00304	0.0289	0.0206	0.00000541	24.4	0.0000221	0.000428
2076 Aug	104	0.0346	0.0146	0.000992	10.4	0.0367	35.4	0.00187	0.000913	0.00000493	0.0072	0.00332	0.0336	0.0212	0.0000056	25.8	0.000023	0.000465
2076 Sep	108	0.0354	0.0147	0.000998	10.5	0.0378	37.6	0.00195	0.000916	0.00000497	0.00726	0.00349	0.035	0.0213	0.00000568	26.5	0.0000231	0.000477
2076 Oct	107	0.0372	0.0143	0.00099	10.4	0.0381	37.5	0.00195	0.00091	0.00000495	0.00724	0.00348	0.0345	0.0211	0.00000564	26.4	0.0000228	0.000471
2076 Nov	113	0.0397	0.015	0.00104	11	0.0402	39.6	0.00205	0.000958	0.00000521	0.00763	0.00366	0.0362	0.0221	0.00000594	27.8	0.0000239	0.000495
2076 Dec	123	0.043	0.0163	0.00113	11.9	0.0435	43	0.00223	0.00104	0.00000564	0.00826	0.00398	0.0393	0.024	0.00000644	30.1	0.0000259	0.000537
2077 Jan	133	0.0466	0.0176	0.00122	12.9	0.0471	46.6	0.00241	0.00112	0.00000611	0.00895	0.00431	0.0425	0.026	0.00000697	32.6	0.000028	0.000581
2077 Feb	144	0.0502	0.019	0.00132	13.9	0.0509	50.4	0.00261	0.00121	0.00000659	0.00965	0.00467	0.0459	0.028	0.00000752	35.3	0.0000302	0.000628
2077 Mar	155	0.054	0.0204	0.00142	15	0.0547	54.4	0.00281	0.0013	0.00000709	0.0104	0.00503	0.0494	0.0301	0.00000809	38	0.0000325	0.000676
2077 Apr	165	0.0573	0.0217	0.0015	15.9	0.0582	58	0.003	0.00138	0.00000753	0.011	0.00536	0.0526	0.032	0.0000086	40.4	0.0000345	0.000718
2077 May	152	0.0545	0.0205	0.00139	15.2	0.0532	52.8	0.00275	0.00129	0.00000698	0.0102	0.00492	0.0477	0.0305	0.00000795	37.9	0.000032	0.000667
2077 Jun	99.5	0.0416	0.0153	0.000959	12.2	0.0326	29.9	0.0017	0.000903	0.00000482	0.00691	0.00302	0.0273	0.0243	0.00000533	26.8	0.0000217	0.000446
2077 Jul	108	0.0418	0.0156	0.000983	12.3	0.0349	34.4	0.00187	0.000921	0.00000496	0.00711	0.00336	0.0303	0.0247	0.00000556	28.4	0.0000226	0.000476
2077 Aug	116	0.0426	0.0164	0.001	12.4	0.0381	38.8	0.00197	0.000928	0.00000504	0.00728	0.00365	0.0352	0.0253	0.00000576	29.8	0.0000234	0.000514
2077 Sep	115	0.0437	0.0159	0.000985	12.1	0.039	39	0.00195	0.000908	0.00000494	0.00717	0.00363	0.0358	0.0246	0.00000567	29.2	0.0000228	0.000509
2077 Oct	117	0.0453	0.0158	0.000989	12.2	0.0397	39.9	0.002	0.000913	0.00000498	0.00724	0.00371	0.036	0.0245	0.00000572	29.5	0.0000227	0.000511
2077 Nov	124	0.0479	0.0167	0.00105	12.9	0.042	42.4	0.00212	0.000965	0.00000527	0.00765	0.00393	0.0381	0.0259	0.00000605	31.3	0.000024	0.000541
2077 Dec	132	0.0511	0.0178	0.00112	13.8	0.0449	45.3	0.00227	0.00103	0.00000562	0.00817	0.0042	0.0407	0.0277	0.00000646	33.4	0.0000257	0.000578
2078 Jan	140	0.0542	0.0188	0.00118	14.6	0.0476	48.1	0.0024	0.00109	0.00000596	0.00866	0.00446	0.0431	0.0293	0.00000685	35.4	0.0000272	0.000612
2078 Feb	150	0.0578	0.0201	0.00126	15.6	0.0508	51.5	0.00257	0.00116	0.00000636	0.00923	0.00477	0.0461	0.0313	0.00000731	37.9	0.000029	0.000654
2078 Mar	162	0.0624	0.0217	0.00136	16.8	0.0549	55.8	0.00278	0.00126	0.00000687	0.00997	0.00517	0.0498	0.0338	0.0000079	41	0.0000313	0.000707
2078 Apr	171	0.0657	0.0228	0.00143	17.7	0.0578	59	0.00294	0.00132	0.00000724	0.0105	0.00546	0.0525	0.0356	0.00000832	43.2	0.000033	0.000746
2078 May	137	0.0565	0.0195	0.00117	15.5	0.0451	44.9	0.0023	0.00109	0.00000592	0.00852	0.00428	0.0399	0.0311	0.00000673	35.9	0.0000268	0.000604
2078 Jun	102	0.0466	0.0162	0.000948	13.5	0.0317	28.8	0.00165	0.000901	0.00000479	0.00679	0.003	0.026	0.027	0.00000527	28.5	0.0000214	0.000459
2078 Jul	110	0.0466	0.0167	0.000969	13.6	0.0345	33.4	0.0018	0.000914	0.00000491	0.00698	0.00333	0.0299	0.0274	0.00000549	30	0.0000222	0.000492
2078 Aug	117	0.0464	0.0171	0.000978	13.5	0.0373	37	0.00187	0.000912	0.00000493	0.00704	0.00355	0.034	0.0275	0.00000562	30.7	0.0000227	0.00052
2078 Sep	121	0.0469	0.0171	0.000981	13.5	0.0387	39.4	0.00195	0.000913	0.00000497	0.00708	0.00372	0.0357	0.0275	0.0000057	31.4	0.0000227	0.000533

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Oct	123	0.048	0.017	0.000985	13.5	0.0396	41.1	0.00202	0.000916	0.000005	0.00714	0.00385	0.0365	0.0275	0.00000575	32	0.0000228	0.000541
2078 Nov	133	0.0517	0.0182	0.00106	14.5	0.0427	44.5	0.00218	0.000983	0.00000538	0.00768	0.00416	0.0393	0.0295	0.00000619	34.5	0.0000245	0.000582
2078 Dec	146	0.0566	0.02	0.00116	15.9	0.0468	48.8	0.00239	0.00108	0.00000588	0.0084	0.00456	0.043	0.0323	0.00000678	37.7	0.0000268	0.000637
2079 Jan	158	0.0613	0.0216	0.00125	17.2	0.0506	52.9	0.00259	0.00116	0.00000637	0.00909	0.00494	0.0466	0.035	0.00000734	40.8	0.000029	0.000689
2079 Feb	171	0.0665	0.0234	0.00136	18.7	0.055	57.5	0.00282	0.00126	0.00000691	0.00986	0.00537	0.0505	0.0379	0.00000796	44.4	0.0000315	0.000748
2079 Mar	185	0.0716	0.0252	0.00146	20.1	0.0593	62.1	0.00304	0.00136	0.00000745	0.0106	0.0058	0.0545	0.0408	0.00000858	47.9	0.0000339	0.000807
2079 Apr	195	0.0754	0.0266	0.00154	21.1	0.0624	65.6	0.00321	0.00143	0.00000784	0.0112	0.00612	0.0575	0.043	0.00000904	50.4	0.0000357	0.000851
2079 May	197	0.0763	0.0269	0.00156	21.4	0.063	66.3	0.00325	0.00145	0.00000792	0.0113	0.00619	0.0579	0.0435	0.00000913	51.1	0.0000361	0.00086
2079 Jun	100	0.0395	0.0146	0.000959	11.9	0.0332	30.4	0.00172	0.000911	0.00000486	0.00697	0.00304	0.0282	0.0239	0.0000054	26.6	0.000022	0.000448
2079 Jul	99.2	0.0364	0.014	0.000966	11.3	0.0334	30.8	0.00176	0.00092	0.00000492	0.00706	0.00306	0.0284	0.0228	0.00000546	25.9	0.0000222	0.000442
2079 Aug	107	0.0367	0.0144	0.00098	11.3	0.0364	35.2	0.00187	0.000925	0.00000499	0.00718	0.00336	0.0327	0.0232	0.00000564	27.2	0.0000229	0.000476
2079 Sep	110	0.0381	0.0143	0.000975	11.3	0.0378	36.9	0.00191	0.000916	0.00000496	0.00718	0.00346	0.0344	0.023	0.00000565	27.5	0.0000228	0.000485
2079 Oct	111	0.0395	0.014	0.000968	11.2	0.0382	37.6	0.00194	0.00091	0.00000494	0.00717	0.00352	0.0343	0.0228	0.00000564	27.6	0.0000225	0.000483
2079 Nov	112	0.0408	0.014	0.000978	11.4	0.0388	38.3	0.00198	0.000921	0.00000501	0.00727	0.00358	0.0346	0.0229	0.00000571	28	0.0000227	0.000487
2079 Dec	116	0.0432	0.0145	0.00102	11.8	0.0404	39.6	0.00205	0.000957	0.0000052	0.00756	0.0037	0.0357	0.0238	0.00000592	29	0.0000235	0.000504
2080 Jan	125	0.0463	0.0155	0.00109	12.7	0.0434	42.6	0.0022	0.00103	0.00000558	0.00811	0.00398	0.0384	0.0255	0.00000636	31.1	0.0000252	0.000541
2080 Feb	132	0.0489	0.0164	0.00115	13.4	0.0458	45.1	0.00233	0.00108	0.00000589	0.00856	0.00421	0.0405	0.0269	0.00000671	32.9	0.0000266	0.000572
2080 Mar	142	0.0526	0.0176	0.00124	14.4	0.0494	48.8	0.00251	0.00117	0.00000634	0.00921	0.00455	0.0437	0.0289	0.00000723	35.5	0.0000286	0.000616
2080 Apr	150	0.0554	0.0186	0.0013	15.2	0.0521	51.6	0.00266	0.00123	0.00000669	0.00971	0.00481	0.0461	0.0305	0.00000762	37.5	0.0000301	0.00065
2080 May	154	0.0567	0.019	0.00133	15.5	0.0533	52.9	0.00273	0.00126	0.00000684	0.00993	0.00493	0.0472	0.0312	0.0000078	38.4	0.0000308	0.000666
2080 Jun	101	0.0359	0.0127	0.000982	10.4	0.0358	33.1	0.00186	0.000936	0.00000502	0.00732	0.00319	0.0305	0.0209	0.00000561	25.2	0.0000226	0.000441
2080 Jul	92.9	0.0305	0.0114	0.000944	9.35	0.0337	30.9	0.00178	0.000904	0.00000485	0.00701	0.003	0.0281	0.0187	0.00000539	23.1	0.0000216	0.000405
2080 Aug	99	0.0306	0.0116	0.000952	9.38	0.036	34.2	0.00188	0.000906	0.0000049	0.00707	0.00323	0.0311	0.019	0.00000551	24.1	0.0000218	0.000428
2080 Sep	102	0.0316	0.0116	0.000946	9.37	0.0374	36.2	0.00192	0.000898	0.00000488	0.00704	0.00336	0.0328	0.0189	0.00000554	24.6	0.0000216	0.000439
2080 Oct	104	0.0329	0.0114	0.000937	9.34	0.0379	37.4	0.00196	0.000889	0.00000485	0.00701	0.00344	0.0331	0.0187	0.00000552	24.9	0.0000214	0.000441
2080 Nov	104	0.0346	0.0113	0.00094	9.44	0.0383	37.4	0.00197	0.000893	0.00000487	0.00706	0.00344	0.033	0.0188	0.00000554	24.9	0.0000213	0.00044
2080 Dec	112	0.0375	0.0122	0.00102	10.2	0.0414	40.4	0.00213	0.000964	0.00000526	0.00763	0.00372	0.0356	0.0203	0.00000598	26.9	0.000023	0.000475
2081 Jan	121	0.0403	0.0131	0.00109	11	0.0445	43.6	0.00229	0.00104	0.00000565	0.0082	0.00401	0.0383	0.0218	0.00000643	29	0.0000247	0.000512
2081 Feb	131	0.0436	0.0141	0.00118	11.9	0.0483	47.4	0.00249	0.00112	0.00000612	0.00888	0.00436	0.0416	0.0236	0.00000697	31.5	0.0000268	0.000555
2081 Mar	140	0.0466	0.0151	0.00126	12.7	0.0516	50.9	0.00267	0.0012	0.00000654	0.00949	0.00468	0.0445	0.0252	0.00000745	33.7	0.0000286	0.000594
2081 Apr	149	0.0491	0.0159	0.00133	13.4	0.0545	54	0.00283	0.00126	0.0000069	0.01	0.00495	0.047	0.0266	0.00000787	35.6	0.0000302	0.000628
2081 May	122	0.043	0.014	0.0011	11.9	0.0436	42.6	0.00227	0.00105	0.00000569	0.0082	0.00399	0.037	0.0237	0.00000644	30.2	0.0000248	0.000519
2081 Jun	95.9	0.0371	0.0124	0.000912	10.8	0.0328	30.5	0.00174	0.000878	0.00000471	0.00672	0.00302	0.0266	0.0214	0.00000522	25.1	0.0000205	0.000417
2081 Jul	104	0.0376	0.0128	0.000937	11	0.035	35	0.00191	0.000899	0.00000487	0.00695	0.00336	0.0294	0.0219	0.00000546	26.8	0.0000214	0.000447
2081 Aug	114	0.0382	0.0134	0.000955	11.1	0.0382	39.5	0.00203	0.000909	0.00000496	0.00713	0.00367	0.0342	0.0226	0.00000567	28.2	0.0000223	0.000487
2081 Sep	116	0.0389	0.0133	0.000953	11.1	0.0393	41.2	0.00208	0.000906	0.00000497	0.00714	0.00379	0.0353	0.0225	0.00000571	28.7	0.0000222	0.000495
2081 Oct	118	0.0399	0.0132	0.000955	11.2	0.0398	42.3	0.00213	0.000908	0.000005	0.00717	0.00387	0.0356	0.0225	0.00000575	29	0.0000222	0.000498
2081 Nov	118	0.0409	0.0131	0.000957	11.2	0.0401	42.4	0.00214	0.000911	0.00000501	0.00721	0.00389	0.0356	0.0225	0.00000576	29.1	0.0000222	0.000498
2081 Dec	127	0.0442	0.0141	0.00103	12.1	0.0433	45.8	0.00231	0.000981	0.0000054	0.00776	0.00419	0.0383	0.0242	0.0000062	31.4	0.0000239	0.000536
2082 Jan	139	0.0483	0.0154	0.00113	13.2	0.0473	50.1	0.00253	0.00107	0.00000589	0.00848	0.00459	0.0419	0.0264	0.00000678	34.3	0.0000261	0.000586
2082 Feb	150	0.0519	0.0165	0.00121	14.2	0.0508	54.1	0.00272	0.00115	0.00000634	0.00911	0.00495	0.0451	0.0284	0.00000729	36.9	0.000028	0.000631
2082 Mar	160	0.0553	0.0176	0.00129	15.1	0.0542	57.8	0.00291	0.00123	0.00000676	0.00972	0.00529	0.0481	0.0303	0.00000777	39.4	0.0000299	0.000673
2082 Apr	170	0.0585	0.0186	0.00136	16	0.0574	61.3	0.00308	0.0013	0.00000714	0.0103	0.00561	0.0509	0.032	0.00000822	41.8	0.0000316	0.000712
2082 May	177	0.0609	0.0194	0.00142	16.6	0.0598	64.1	0.00322	0.00135	0.00000744	0.0107	0.00585	0.0531	0.0333	0.00000857	43.6	0.0000329	0.000743
2082 Jun	101	0.0339	0.0117	0.000978	10	0.0359	34.3	0.00194	0.000942	0.00000508	0.00735	0.00329	0.0301	0.02	0.00000567	25.1	0.0000225	0.000436
2082 Jul	82.2	0.0251	0.0096	0.000905	8.19	0.0302	26.8	0.00168	0.00088	0.00000469	0.00679	0.00268	0.024	0.0162	0.00000513	20.4	0.0000207	0.000357
2082 Aug	89.8	0.0256	0.00987	0.000918	8.31	0.0326	30.9	0.00181	0.000889	0.00000478	0.00692	0.00297	0.0272	0.0167	0.00000531	21.8	0.0000212	0.000386
2082 Sep	93.8	0.0264	0.00995	0.000921	8.38	0.034	33.1	0.00187	0.000889	0.00000481	0.00696	0.00313	0.0289	0.0168	0.00000538	22.5	0.0000214	0.0004
2082 Oct	95.1	0.0289	0.00976	0.000916	8.46	0.0348	34	0.0019	0.000885	0.0000048	0.00698	0.00319	0.0292	0.0168	0.00000538	22.8	0.0000211	0.000402
2082 Nov	101	0.0306	0.0103	0.000965	8.93	0.0368	36.3	0.00202	0.000932	0.00000506	0.00736	0.0034	0.0309	0.0177	0.00000568	24.2	0.0000223	0.000425
2082 Dec	107	0.0325	0.0109	0.00102	9.47	0.0391	38.6	0.00215	0.000989	0.00000537	0.0078	0.00361	0.0328	0.0188	0.00000603	25.7	0.0000236	0.000452
2083 Jan	115	0.0347	0.0116	0.00109	10.1	0.0418	41.3	0.0023	0.00106	0.00000574	0.00834	0.00387	0.0351	0.02	0.00000644	27.5	0.0000252	0.000483
2083 Feb	122	0.0369	0.0124	0.00116	10.8	0.0444	44.1	0.00245	0.00112	0.0000061	0.00886	0.00412	0.0374	0.0213	0.00000685	29.2	0.0000268	0.000514
2083 Mar	131	0.0395	0.0132	0.00124	11.5	0.0476	47.4	0.00263	0.0012	0.00000653	0.00949	0.00443	0.0401	0.0228	0.00000734	31.4	0.0000287	0.000552
2083 Apr	139	0.0418	0.014	0.00132	12.2	0.0505	50.4	0.00279	0.00127	0.00000691	0.01	0.0047	0.0425	0.0241	0.00000777	33.3	0.0000304	0.000585
2083 May	124	0.0394	0.0132	0.00117	11.6	0.0441	43.6	0.00244	0.00113	0.00000615	0.00889	0.00413	0.0367	0.0229	0.00000688	30.3	0.000027	0.000524
2083 Jun	88.1	0.0329	0.0115	0.000906	10.2	0.0299	26.7	0.00165	0.000884	0.0000047	0.00673	0.00274	0.0234	0.0202	0.00000513	23.3	0.0000207	0.000386
2083 Jul	93.6	0.0317	0.0115	0.000916	9.99	0.0318	30.1	0.00176	0.000892	0.00000478	0.00685	0.00298	0.0261	0.02	0.00000528	24	0.0000212	0.000406
2083 Aug	100	0.0311	0.0115	0.000916	9.87	0.0347	33.9	0.00185	0.000886	0.00000479	0.00685	0.00323	0.0301	0.0201	0.00000539	24.9	0.0000213	0.000432
2083 Sep	102	0.0327	0.0114	0.000909	9.83	0.0359	35.2	0.00187	0.000877	0.00000476	0.00685	0.0033	0.0315	0.02	0.00000539	25.1	0.0000212	0.000439
2083 Oct	101	0.0361	0.0109	0.000901	9.86	0.0363	34.5	0.00185	0.000871	0.00000472	0.00685	0.00324	0.0307	0.0196	0.00000533	24.7	0.0000207	0.000428
2083 Nov	103	0.0391	0.0111	0.000933	10.3	0.0377	35.3	0.0019	0.000902	0.00000488	0.00711	0.00332	0.0313	0.0202	0.00000551	25.4	0.0000212	0.000438
2083 Dec	111	0.0419	0.012	0.001	11	0.0405	38	0.00205	0.000969	0.00000525	0.00763	0.00358	0.0337	0.0217	0.00000592	27.3	0.0000228	0.000471
2084 Jan	121	0.0457	0.013	0.00109	12	0.0442	41.6	0.00224	0.00105	0.00000571	0.00831	0.00391	0.0367	0.0236	0.00000645	29.8	0.0000248	0.000513
2084 Feb	132	0.0495	0.0141	0.00118	13	0.048	45.3	0.00243	0.00114	0.0000062	0.00902	0.00426	0.0399	0.0256	0.000007	32.4	0.0000269	0.000558
2084 Mar	141	0.0528	0.0151	0.00126	13.9	0.0512	48.6	0.0026	0.00122	0.00000661	0.00962	0.00456	0.0426	0.0274	0.00000747	34.7	0.0000288	0.000596
2084 Apr	148	0.0554	0.0158	0.00132	14.5	0.0538	51.2	0.00274	0.00128	0.00000694	0.0101	0.0048	0.0448	0.0287	0.00000784	36.4	0.0000301	0.000626

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 May	122	0.0483	0.014	0.0011	12.9	0.0429	40.1	0.0022	0.00106	0.00000574	0.00829	0.00386	0.0351	0.0255	0.00000643	30.9	0.0000249	0.000519
2084 Jun	91.3	0.0403	0.0126	0.000897	11.6	0.0304	26.2	0.00159	0.000877	0.00000465	0.00663	0.00274	0.0232	0.0229	0.00000507	25	0.0000202	0.000402
2084 Jul	98.6	0.0395	0.0126	0.00091	11.5	0.0324	30.4	0.00175	0.000888	0.00000476	0.00677	0.00305	0.026	0.0229	0.00000526	26.2	0.0000208	0.000427
2084 Aug	106	0.0395	0.0128	0.000915	11.5	0.0351	34.1	0.00183	0.000888	0.00000479	0.00686	0.00329	0.0301	0.0232	0.00000539	27.2	0.0000213	0.000457
2084 Sep	108	0.0399	0.0127	0.000911	11.4	0.0362	35.7	0.00187	0.000882	0.00000478	0.00684	0.0034	0.0313	0.023	0.00000542	27.5	0.0000212	0.000464
2084 Oct	106	0.0416	0.0122	0.000897	11.3	0.0361	34.9	0.00184	0.00087	0.00000471	0.00678	0.00332	0.0305	0.0225	0.00000533	26.9	0.0000207	0.000452
2084 Nov	109	0.044	0.0125	0.000929	11.7	0.0376	35.9	0.0019	0.000901	0.00000488	0.00704	0.00343	0.0314	0.0231	0.00000551	27.7	0.0000213	0.000465
2084 Dec	119	0.048	0.0137	0.00101	12.7	0.041	39.3	0.00208	0.000984	0.00000533	0.00768	0.00374	0.0343	0.0253	0.00000602	30.3	0.0000232	0.000507
2085 Jan	132	0.053	0.0151	0.00112	14.1	0.0453	43.5	0.0023	0.00109	0.00000588	0.00848	0.00414	0.0379	0.0279	0.00000665	33.5	0.0000256	0.000561
2085 Feb	144	0.058	0.0166	0.00123	15.4	0.0497	47.8	0.00253	0.00119	0.00000645	0.0093	0.00455	0.0416	0.0306	0.00000728	36.7	0.0000281	0.000615
2085 Mar	156	0.0625	0.0178	0.00132	16.6	0.0535	51.7	0.00273	0.00128	0.00000694	0.01	0.00492	0.0448	0.0329	0.00000785	39.6	0.0000302	0.000663
2085 Apr	166	0.0664	0.0189	0.0014	17.6	0.0569	55.2	0.00291	0.00136	0.00000738	0.0106	0.00524	0.0477	0.035	0.00000834	42.2	0.0000322	0.000705
2085 May	131	0.0548	0.0159	0.00112	14.8	0.0442	42.2	0.00227	0.00109	0.0000059	0.00846	0.00408	0.0364	0.0293	0.00000662	34.2	0.0000257	0.000563
2085 Jun	103	0.0461	0.0139	0.000896	12.9	0.0325	30.5	0.00171	0.000876	0.00000469	0.00663	0.00309	0.0258	0.0256	0.00000518	28.1	0.0000203	0.000446
2085 Jul	111	0.0463	0.0141	0.000912	13	0.0349	34.9	0.00187	0.000888	0.0000048	0.00678	0.00342	0.0289	0.026	0.00000538	29.7	0.0000209	0.000476
2085 Aug	115	0.0452	0.0139	0.000902	12.7	0.0371	37.3	0.0019	0.000874	0.00000475	0.00673	0.00355	0.0323	0.0257	0.00000542	29.8	0.0000209	0.000493
2085 Sep	116	0.046	0.0135	0.000892	12.5	0.0381	38.6	0.00193	0.000864	0.00000472	0.00669	0.00362	0.0331	0.0251	0.0000054	29.7	0.0000205	0.000493
2085 Oct	116	0.0474	0.0132	0.000889	12.5	0.0385	39	0.00195	0.000862	0.00000472	0.00671	0.00365	0.033	0.0248	0.0000054	29.7	0.0000203	0.00049
2085 Nov	119	0.0495	0.0134	0.000913	12.8	0.0396	39.8	0.002	0.000885	0.00000484	0.0069	0.00373	0.0336	0.0253	0.00000554	30.4	0.0000207	0.000499
2085 Dec	129	0.0536	0.0145	0.000989	13.8	0.043	43.2	0.00217	0.000958	0.00000524	0.00748	0.00405	0.0365	0.0274	0.000006	32.9	0.0000225	0.000541
2086 Jan	139	0.0577	0.0156	0.00106	14.9	0.0463	46.7	0.00234	0.00103	0.00000565	0.00805	0.00437	0.0393	0.0295	0.00000646	35.5	0.0000242	0.000584
2086 Feb	151	0.0624	0.0169	0.00115	16.1	0.0501	50.7	0.00254	0.00112	0.00000611	0.00871	0.00475	0.0426	0.0319	0.000007	38.5	0.0000262	0.000633
2086 Mar	162	0.0668	0.0181	0.00123	17.3	0.0538	54.6	0.00273	0.0012	0.00000655	0.00933	0.0051	0.0457	0.0342	0.0000075	41.3	0.000028	0.000678
2086 Apr	170	0.07	0.019	0.00129	18.1	0.0563	57.4	0.00287	0.00125	0.00000686	0.00977	0.00536	0.048	0.0358	0.00000786	43.3	0.0000294	0.000711
2086 May	161	0.0671	0.0183	0.00123	17.4	0.0533	54.1	0.00272	0.00119	0.00000654	0.0093	0.00508	0.0452	0.0345	0.00000748	41.4	0.000028	0.000678
2086 Jun	99.8	0.0433	0.0129	0.000893	12.1	0.0329	30.1	0.0017	0.000873	0.00000467	0.00665	0.00303	0.0262	0.0239	0.00000518	26.7	0.0000202	0.000432
2086 Jul	103	0.0406	0.0125	0.000911	11.6	0.0342	32.7	0.00181	0.000891	0.0000048	0.00683	0.00321	0.028	0.0232	0.00000534	27	0.0000209	0.000443
2086 Aug	110	0.0402	0.0126	0.000911	11.5	0.0369	36.5	0.0019	0.000886	0.00000481	0.00687	0.00345	0.032	0.0233	0.00000546	27.9	0.0000212	0.000471
2086 Sep	113	0.0406	0.0123	0.000904	11.4	0.0381	38.2	0.00194	0.000879	0.0000048	0.00684	0.00356	0.0333	0.023	0.00000548	28.1	0.0000209	0.000478
2086 Oct	118	0.0428	0.0126	0.000935	11.8	0.0398	40.1	0.00204	0.000909	0.00000497	0.00709	0.00373	0.0346	0.0237	0.00000568	29.3	0.0000216	0.000495
2086 Nov	127	0.0462	0.0136	0.00101	12.7	0.0429	43.3	0.0022	0.000979	0.00000535	0.00764	0.00403	0.0373	0.0256	0.00000613	31.6	0.0000233	0.000534
2086 Dec	138	0.05	0.0147	0.00109	13.8	0.0465	47.1	0.00239	0.00106	0.0000058	0.00827	0.00437	0.0405	0.0277	0.00000663	34.2	0.0000252	0.000579
2087 Jan	149	0.0538	0.0159	0.00117	14.9	0.0502	50.9	0.00258	0.00114	0.00000625	0.00891	0.00473	0.0437	0.0298	0.00000715	37	0.0000272	0.000625
2087 Feb	161	0.0584	0.0172	0.00127	16.1	0.0544	55.5	0.00281	0.00124	0.00000678	0.00966	0.00515	0.0474	0.0323	0.00000776	40.2	0.0000295	0.000679
2087 Mar	173	0.0624	0.0184	0.00136	17.2	0.0582	59.5	0.00301	0.00132	0.00000725	0.0103	0.00552	0.0508	0.0346	0.0000083	43	0.0000315	0.000727
2087 Apr	184	0.0661	0.0195	0.00144	18.2	0.0618	63.3	0.0032	0.0014	0.00000768	0.0109	0.00587	0.0539	0.0366	0.0000088	45.6	0.0000334	0.000771
2087 May	164	0.0607	0.018	0.0013	16.9	0.0546	55.5	0.00283	0.00126	0.0000069	0.00982	0.0052	0.0472	0.0338	0.00000788	41.3	0.00003	0.000691
2087 Jun	108	0.0457	0.0142	0.000925	13.2	0.0341	32.3	0.00179	0.000906	0.00000486	0.00683	0.00325	0.0277	0.0263	0.0000054	29.2	0.000021	0.000468
2087 Jul	114	0.0453	0.0142	0.000937	13.2	0.0358	35.8	0.00193	0.000917	0.00000496	0.00693	0.00352	0.0297	0.0265	0.00000555	30.3	0.0000213	0.000487
2087 Aug	122	0.0454	0.0143	0.000944	13.2	0.0384	39.9	0.00204	0.000921	0.00000502	0.00703	0.0038	0.0332	0.0268	0.00000571	31.5	0.0000218	0.000516
2087 Sep	126	0.0461	0.0143	0.000948	13.3	0.0397	42	0.00212	0.000924	0.00000506	0.0071	0.00395	0.0348	0.0269	0.00000579	32.2	0.000022	0.000529
2087 Oct	126	0.0473	0.0142	0.000952	13.3	0.0402	42.6	0.00214	0.000928	0.00000509	0.00715	0.00399	0.0348	0.0268	0.00000582	32.4	0.000022	0.000529
2087 Nov	132	0.0503	0.0148	0.001	14	0.0423	44.5	0.00225	0.000976	0.00000535	0.00752	0.00418	0.0365	0.0281	0.00000611	33.9	0.0000231	0.000554
2087 Dec	143	0.0544	0.016	0.00108	15.2	0.0458	48.3	0.00244	0.00106	0.00000579	0.00815	0.00454	0.0395	0.0304	0.00000662	36.8	0.000025	0.0006
2088 Jan	154	0.0582	0.0172	0.00116	16.2	0.049	51.9	0.00261	0.00113	0.0000062	0.00872	0.00487	0.0424	0.0325	0.00000709	39.4	0.0000267	0.000643
2088 Feb	166	0.0629	0.0186	0.00125	17.5	0.053	56.2	0.00283	0.00122	0.0000067	0.00942	0.00527	0.0458	0.0352	0.00000767	42.6	0.0000289	0.000696
2088 Mar	177	0.0667	0.0197	0.00133	18.6	0.0563	59.8	0.00301	0.00129	0.00000711	0.00999	0.00561	0.0486	0.0373	0.00000813	45.3	0.0000306	0.000739
2088 Apr	185	0.0696	0.0205	0.00139	19.4	0.0588	62.7	0.00315	0.00135	0.00000742	0.0104	0.00587	0.0509	0.0389	0.0000085	47.3	0.000032	0.000772
2088 May	186	0.0703	0.0207	0.00139	19.6	0.0591	63.1	0.00317	0.00136	0.00000747	0.0105	0.00592	0.0511	0.0393	0.00000855	47.8	0.0000322	0.000778
2088 Jun	111	0.0413	0.013	0.000959	12.1	0.0364	35.9	0.00197	0.00094	0.00000508	0.00719	0.00349	0.0302	0.0242	0.00000568	28.7	0.000022	0.000473
2088 Jul	111	0.0388	0.0125	0.000962	11.6	0.0364	36.4	0.002	0.000944	0.00000511	0.00725	0.00352	0.0303	0.0233	0.00000572	28.3	0.0000223	0.000469
2088 Aug	119	0.0395	0.0128	0.00098	11.8	0.0391	40.5	0.00213	0.000959	0.00000523	0.00744	0.00382	0.0341	0.024	0.00000593	29.8	0.0000231	0.000502
2088 Sep	122	0.0401	0.0129	0.000985	11.9	0.04	42.3	0.0022	0.000963	0.00000527	0.00749	0.00395	0.0351	0.0241	0.000006	30.4	0.0000232	0.000513
2088 Oct	118	0.0426	0.0122	0.000963	11.7	0.0396	40.6	0.00213	0.000942	0.00000515	0.00738	0.0038	0.0335	0.0232	0.00000584	29.4	0.0000223	0.000491
2088 Nov	122	0.0455	0.0126	0.00101	12.2	0.0415	42	0.00221	0.000984	0.00000537	0.00772	0.00395	0.0348	0.0241	0.00000609	30.5	0.0000232	0.000509
2088 Dec	134	0.0496	0.0138	0.0011	13.3	0.0453	45.9	0.00242	0.00107	0.00000586	0.00842	0.00431	0.0379	0.0263	0.00000664	33.3	0.0000253	0.000555
2089 Jan	146	0.0542	0.015	0.0012	14.6	0.0495	50.4	0.00265	0.00117	0.00000641	0.0092	0.00472	0.0415	0.0288	0.00000727	36.5	0.0000277	0.000608
2089 Feb	160	0.0592	0.0164	0.00131	15.9	0.0542	55.2	0.0029	0.00128	0.000007	0.0101	0.00517	0.0454	0.0315	0.00000794	39.9	0.0000302	0.000665
2089 Mar	171	0.0631	0.0175	0.00139	16.9	0.0577	59	0.0031	0.00137	0.00000746	0.0107	0.00553	0.0484	0.0335	0.00000846	42.6	0.0000322	0.000709
2089 Apr	180	0.0664	0.0184	0.00147	17.8	0.0609	62.4	0.00327	0.00144	0.00000786	0.0113	0.00584	0.0511	0.0353	0.00000892	44.9	0.000034	0.000748
2089 May	152	0.0581	0.0164	0.00125	15.8	0.0506	51.2	0.00272	0.00123	0.00000668	0.00955	0.00486	0.0419	0.0312	0.00000754	38.6	0.0000288	0.000635
2089 Jun	104	0.0455	0.0136	0.000892	12.9	0.0322	31.1	0.00176	0.000879	0.00000472	0.00663	0.00316	0.0253	0.0255	0.00000521	28.5	0.0000203	0.000446
2089 Jul	111	0.0452	0.0136	0.000902	12.9	0.0343	34.7	0.00188	0.000887	0.0000048	0.00673	0.00342	0.028	0.0257	0.00000536	29.5	0.0000207	0.000469
2089 Aug	117	0.0449	0.0136	0.00091	12.9	0.0365	38.1	0.00198	0.000892	0.00000486	0.00681	0.00366	0.031	0.026	0.0000055	30.5	0.000021	0.000492
2089 Sep	119	0.0456	0.0135	0.000909	12.9	0.0375	39.3	0.00201	0.000891	0.00000487	0.00684	0.00373	0.032	0.0259	0.00000553	30.8	0.0000211	0.000499
2089 Oct	116	0.0471	0.0127	0.000882	12.4	0.0375	38.9	0.00198	0.000865	0.00000473	0.00671	0.00367	0.0314	0.0247	0.00000539	29.9	0.0000203	0.000482
2089 Nov	124	0.0506	0.0134	0.000938	13.2	0.0401	41.8	0.00213	0.00092	0.00000504	0.00715	0.00394	0.0335	0.0262	0.00000575	31.9	0.0000215	0.000514

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Dec	133	0.0539	0.0143	0.001	14.1	0.0428	44.7	0.00227	0.000981	0.00000538	0.00763	0.0042	0.0358	0.0279	0.00000613	34	0.000023	0.000548
2090 Jan	142	0.0575	0.0153	0.00107	15	0.0457	47.8	0.00243	0.00105	0.00000574	0.00814	0.00449	0.0382	0.0298	0.00000654	36.3	0.0000245	0.000586
2090 Feb	153	0.0618	0.0164	0.00115	16.2	0.0492	51.6	0.00262	0.00112	0.00000617	0.00875	0.00485	0.0412	0.032	0.00000704	39.1	0.0000263	0.00063
2090 Mar	163	0.0657	0.0175	0.00122	17.2	0.0524	55.1	0.0028	0.0012	0.00000657	0.00931	0.00517	0.0439	0.0341	0.00000749	41.7	0.000028	0.000671
2090 Apr	174	0.0702	0.0186	0.0013	18.4	0.0559	59	0.00299	0.00128	0.00000701	0.00994	0.00554	0.0469	0.0364	0.000008	44.6	0.0000299	0.000718
2090 May	175	0.0703	0.0187	0.0013	18.4	0.0559	59.3	0.00301	0.00128	0.00000702	0.00994	0.00557	0.0469	0.0366	0.00000801	44.8	0.0000299	0.00072
2090 Jun	102	0.0437	0.0129	0.000892	12.4	0.0323	30.5	0.00174	0.00088	0.00000471	0.00666	0.00309	0.0252	0.0244	0.0000052	27.4	0.0000203	0.000434
2090 Jul	105	0.042	0.0127	0.000905	12.1	0.0334	32.4	0.00182	0.000892	0.0000048	0.0068	0.00322	0.0269	0.024	0.00000533	27.7	0.0000208	0.000445
2090 Aug	107	0.0409	0.0122	0.00089	11.7	0.0354	34.3	0.00184	0.000876	0.00000474	0.00668	0.00332	0.0293	0.0234	0.00000532	27.6	0.0000202	0.000453
2090 Sep	108	0.0424	0.0117	0.000879	11.6	0.0363	35.3	0.00187	0.000865	0.0000047	0.00664	0.00337	0.0298	0.0229	0.0000053	27.5	0.0000198	0.000451
2090 Oct	107	0.0455	0.0111	0.000867	11.4	0.0369	35.8	0.00189	0.000853	0.00000465	0.00663	0.0034	0.0294	0.0221	0.00000525	27.2	0.0000192	0.000442
2090 Nov	110	0.0473	0.0112	0.000884	11.6	0.038	37	0.00195	0.00087	0.00000475	0.00678	0.0035	0.03	0.0224	0.00000536	27.9	0.0000195	0.00045
2090 Dec	118	0.0507	0.012	0.000947	12.5	0.0407	39.7	0.00209	0.000932	0.00000508	0.00727	0.00376	0.0322	0.024	0.00000574	29.9	0.0000209	0.000483
2091 Jan	126	0.0541	0.0128	0.00101	13.3	0.0435	42.4	0.00224	0.000995	0.00000543	0.00775	0.00401	0.0344	0.0257	0.00000613	31.9	0.0000223	0.000515
2091 Feb	135	0.058	0.0137	0.00108	14.3	0.0467	45.7	0.00241	0.00107	0.00000583	0.00833	0.00432	0.0369	0.0275	0.00000659	34.3	0.000024	0.000554
2091 Mar	144	0.0615	0.0145	0.00115	15.1	0.0496	48.7	0.00256	0.00113	0.00000618	0.00883	0.0046	0.0392	0.0292	0.00000699	36.5	0.0000254	0.000588
2091 Apr	151	0.0642	0.0152	0.0012	15.8	0.0518	51.1	0.00268	0.00118	0.00000645	0.00921	0.00482	0.041	0.0305	0.0000073	38.1	0.0000266	0.000615
2091 May	144	0.0618	0.0148	0.00115	15.3	0.049	48.4	0.00255	0.00113	0.00000616	0.00878	0.00459	0.0387	0.0296	0.00000696	36.7	0.0000254	0.000589
2091 Jun	99.4	0.0451	0.0122	0.000875	12.2	0.0325	29.9	0.00172	0.000865	0.00000464	0.00656	0.00303	0.0245	0.0237	0.0000051	26.8	0.0000194	0.000421
2091 Jul	107	0.0448	0.0123	0.000894	12.2	0.0345	33.9	0.00187	0.000883	0.00000477	0.00675	0.00333	0.0272	0.0239	0.00000531	28.1	0.0000202	0.000447
2091 Aug	110	0.044	0.012	0.000886	12	0.0363	35.9	0.0019	0.000873	0.00000474	0.0067	0.00344	0.0296	0.0236	0.00000535	28.3	0.00002	0.000459
2091 Sep	113	0.0441	0.0118	0.000882	11.9	0.0374	37.7	0.00196	0.000869	0.00000475	0.00667	0.00357	0.0306	0.0233	0.00000538	28.6	0.0000197	0.000464
2091 Oct	112	0.0459	0.0114	0.000877	11.8	0.0377	37.7	0.00197	0.000864	0.00000472	0.00668	0.00356	0.0303	0.0229	0.00000535	28.4	0.0000194	0.000458
2091 Nov	112	0.0486	0.0113	0.000889	11.9	0.0385	37.5	0.00198	0.000877	0.00000478	0.0068	0.00356	0.0302	0.0229	0.0000054	28.5	0.0000195	0.000457
2091 Dec	120	0.0519	0.0121	0.000949	12.8	0.0411	40.1	0.00211	0.000936	0.00000511	0.00727	0.0038	0.0322	0.0245	0.00000577	30.4	0.0000208	0.000488
2092 Jan	128	0.0557	0.013	0.00102	13.7	0.0441	43.1	0.00227	0.001	0.00000548	0.0078	0.00408	0.0346	0.0263	0.00000619	32.6	0.0000223	0.000523
2092 Feb	136	0.0591	0.0138	0.00108	14.5	0.0468	45.8	0.00241	0.00107	0.00000582	0.00827	0.00433	0.0367	0.0279	0.00000657	34.6	0.0000236	0.000555
2092 Mar	143	0.0619	0.0144	0.00113	15.2	0.0491	48	0.00253	0.00112	0.0000061	0.00867	0.00455	0.0385	0.0292	0.00000689	36.3	0.0000248	0.000582
2092 Apr	150	0.0649	0.0151	0.00119	15.9	0.0515	50.5	0.00265	0.00117	0.00000639	0.00908	0.00477	0.0404	0.0306	0.00000722	38.1	0.000026	0.000611
2092 May	142	0.0622	0.0148	0.00113	15.5	0.0483	47.4	0.0025	0.00111	0.00000607	0.0086	0.00451	0.0378	0.0297	0.00000684	36.5	0.0000247	0.000582
2092 Jun	93.7	0.0426	0.0119	0.000873	11.8	0.0311	27	0.00162	0.000865	0.0000046	0.00652	0.00281	0.023	0.0229	0.00000502	25.4	0.0000194	0.000402
2092 Jul	96.4	0.0392	0.0114	0.000876	11.2	0.032	29.3	0.00171	0.000868	0.00000464	0.0066	0.00295	0.0249	0.0219	0.00000512	25.3	0.0000199	0.000409
2092 Aug	103	0.0396	0.0115	0.000887	11.3	0.034	32.4	0.0018	0.000877	0.00000472	0.00672	0.00317	0.0275	0.0223	0.00000526	26.4	0.0000203	0.000433
2092 Sep	106	0.04	0.0114	0.000886	11.3	0.035	34.6	0.00188	0.000876	0.00000475	0.00673	0.00334	0.0286	0.0222	0.00000532	27	0.0000202	0.000442
2092 Oct	110	0.0412	0.0114	0.000891	11.3	0.036	36.7	0.00197	0.00088	0.0000048	0.0068	0.00349	0.0295	0.0223	0.0000054	27.7	0.0000204	0.000452
2092 Nov	118	0.0444	0.0121	0.000955	12.2	0.0387	39.6	0.00212	0.000944	0.00000514	0.0073	0.00377	0.0317	0.0239	0.00000579	29.8	0.0000218	0.000486
2092 Dec	125	0.0468	0.0128	0.00101	12.8	0.0409	41.9	0.00224	0.000996	0.00000543	0.0077	0.00398	0.0335	0.0252	0.00000612	31.5	0.000023	0.000513
2093 Jan	135	0.0505	0.0138	0.00109	13.8	0.0441	45.3	0.00242	0.00107	0.00000586	0.00831	0.0043	0.0361	0.0272	0.0000066	34	0.0000248	0.000553
2093 Feb	144	0.0538	0.0147	0.00116	14.7	0.0471	48.4	0.00259	0.00114	0.00000625	0.00886	0.0046	0.0385	0.029	0.00000704	36.3	0.0000265	0.000591
2093 Mar	151	0.0562	0.0154	0.00121	15.4	0.0492	50.8	0.00271	0.0012	0.00000653	0.00925	0.00482	0.0403	0.0303	0.00000736	38	0.0000277	0.000618
2093 Apr	158	0.0588	0.0161	0.00126	16.1	0.0515	53.3	0.00284	0.00125	0.00000682	0.00967	0.00505	0.0422	0.0317	0.00000769	39.8	0.0000289	0.000647
2093 May	146	0.0549	0.0152	0.00116	15.1	0.047	49	0.00261	0.00115	0.00000628	0.00888	0.00466	0.0385	0.0298	0.00000708	37.1	0.0000266	0.000599
2093 Jun	96.5	0.0393	0.0119	0.000862	11.5	0.0303	29.1	0.00171	0.000855	0.00000458	0.00644	0.00296	0.0233	0.0227	0.00000503	25.9	0.0000196	0.00041
2093 Jul	102	0.0386	0.0119	0.000877	11.5	0.0319	31.9	0.00181	0.00087	0.00000469	0.0066	0.00317	0.0254	0.0227	0.00000519	26.7	0.0000201	0.000427
2093 Aug	108	0.0387	0.0119	0.000886	11.5	0.0337	35.1	0.00192	0.000878	0.00000476	0.00669	0.0034	0.0277	0.023	0.00000533	27.8	0.0000205	0.000448
2093 Sep	110	0.0396	0.0118	0.000884	11.5	0.0347	36.6	0.00197	0.000875	0.00000477	0.00671	0.00351	0.0286	0.0229	0.00000536	28.2	0.0000204	0.000455
2093 Oct	108	0.0417	0.0111	0.000862	11.2	0.0349	36.4	0.00195	0.000853	0.00000466	0.00661	0.00346	0.0282	0.022	0.00000524	27.5	0.0000197	0.000442
2093 Nov	109	0.0441	0.011	0.000873	11.4	0.0358	36.7	0.00197	0.000864	0.00000472	0.00673	0.0035	0.0284	0.0221	0.00000531	27.7	0.0000198	0.000443
2093 Dec	116	0.0467	0.0117	0.000924	12	0.0379	38.9	0.00209	0.000915	0.000005	0.00712	0.00371	0.0301	0.0234	0.00000562	29.4	0.0000209	0.000469
2094 Jan	123	0.0496	0.0124	0.000981	12.8	0.0403	41.4	0.00222	0.000972	0.00000531	0.00756	0.00394	0.032	0.0248	0.00000597	31.2	0.0000222	0.000499
2094 Feb	131	0.053	0.0132	0.00105	13.7	0.0431	44.4	0.00238	0.00104	0.00000567	0.00809	0.00422	0.0342	0.0265	0.00000638	33.4	0.0000238	0.000534
2094 Mar	140	0.0565	0.0141	0.00112	14.6	0.046	47.5	0.00254	0.00111	0.00000605	0.00862	0.00452	0.0365	0.0283	0.00000681	35.7	0.0000253	0.00057
2094 Apr	147	0.0592	0.0148	0.00117	15.3	0.0482	50	0.00267	0.00116	0.00000634	0.00903	0.00475	0.0384	0.0296	0.00000714	37.5	0.0000266	0.000598
2094 May	133	0.0544	0.014	0.00105	14.3	0.0424	44.1	0.00238	0.00104	0.00000568	0.00805	0.00424	0.0334	0.0277	0.00000638	34.3	0.0000238	0.00054
2094 Jun	104	0.0463	0.0129	0.000844	12.8	0.031	31.8	0.00178	0.000837	0.00000452	0.00631	0.0032	0.0237	0.0251	0.000005	28.6	0.000019	0.000435
2094 Jul	114	0.0468	0.0131	0.000862	13	0.0335	36.6	0.00195	0.000854	0.00000466	0.0065	0.00357	0.027	0.0256	0.00000523	30.3	0.0000198	0.000468
2094 Aug	122	0.0479	0.0134	0.000884	13.3	0.0356	40.3	0.0021	0.000876	0.00000482	0.0067	0.00386	0.0293	0.0264	0.00000544	32	0.0000205	0.000496
2094 Sep	124	0.0487	0.0132	0.000882	13.2	0.0365	41.7	0.00214	0.000874	0.00000482	0.00673	0.00395	0.0302	0.0262	0.00000548	32.2	0.0000204	0.0005
2094 Oct	124	0.0495	0.0127	0.000867	13	0.037	42.4	0.00216	0.000859	0.00000476	0.00667	0.00398	0.0305	0.0255	0.00000542	32	0.00002	0.000496
2094 Nov	123	0.0515	0.0125	0.00087	12.9	0.0375	42.3	0.00216	0.000862	0.00000477	0.00673	0.00397	0.0304	0.0252	0.00000543	31.8	0.0000199	0.000492
2094 Dec	132	0.0554	0.0133	0.000934	13.9	0.0403	45.5	0.00232	0.000925	0.00000512	0.00723	0.00427	0.0326	0.027	0.00000583	34.1	0.0000214	0.000528
2095 Jan	139	0.0581	0.014	0.00098	14.6	0.0423	47.8	0.00244	0.000971	0.00000538	0.00759	0.00449	0.0342	0.0283	0.00000612	35.9	0.0000224	0.000554
2095 Feb	151	0.0632	0.0152	0.00107	15.9	0.0461	52.1	0.00266	0.00106	0.00000585	0.00825	0.00489	0.0373	0.0308	0.00000666	39	0.0000244	0.000603
2095 Mar	161	0.0672	0.0162	0.00113	16.9	0.0491	55.7	0.00284	0.00112	0.00000622	0.00878	0.00522	0.0397	0.0328	0.00000709	41.6	0.000026	0.000643
2095 Apr	170	0.0706	0.017	0.00119	17.7	0.0516	58.7	0.00299	0.00118	0.00000654	0.00922	0.0055	0.0418	0.0344	0.00000745	43.8	0.0000273	0.000676
2095 May	144	0.061	0.0151	0.00102	15.6	0.043	49.2	0.00253	0.00101	0.00000558	0.00782	0.00465	0.0346	0.0303	0.00000633	37.8	0.0000233	0.000578
2095 Jun	120	0.0527	0.0138	0.000866	14	0.0344	39.1	0.00206	0.000859	0.00000472	0.00655	0.0038	0.0271	0.0273	0.0000053	32.5	0.0000197	0.000488

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Jul	128	0.0532	0.014	0.000884	14.2	0.0366	42.6	0.00218	0.000877	0.00000485	0.00673	0.00407	0.0298	0.0279	0.0000055	33.9	0.0000204	0.000515
2095 Aug	129	0.052	0.0137	0.000879	13.9	0.0377	44	0.00222	0.000871	0.00000483	0.00667	0.00415	0.031	0.0274	0.00000552	33.9	0.0000201	0.000518
2095 Sep	133	0.052	0.0135	0.000879	13.8	0.0388	46.2	0.0023	0.000871	0.00000486	0.00667	0.00431	0.0321	0.0272	0.00000558	34.4	0.0000199	0.000526
2095 Oct	136	0.0523	0.0134	0.000876	13.8	0.0396	48.5	0.00239	0.000868	0.00000487	0.00669	0.00448	0.0331	0.0271	0.00000563	35.1	0.0000199	0.000536
2095 Nov	134	0.0533	0.0129	0.000865	13.5	0.0397	48.2	0.00237	0.000857	0.00000482	0.00665	0.00444	0.0327	0.0263	0.00000556	34.5	0.0000195	0.000526
2095 Dec	140	0.0557	0.0134	0.000901	14.1	0.0414	50.2	0.00247	0.000893	0.00000502	0.00693	0.00463	0.034	0.0274	0.00000579	35.9	0.0000203	0.000547
2096 Jan	150	0.0598	0.0144	0.000967	15.1	0.0445	54	0.00266	0.000958	0.00000539	0.00744	0.00498	0.0366	0.0294	0.00000622	38.6	0.0000218	0.000588
2096 Feb	159	0.0632	0.0152	0.00102	16	0.0471	57.2	0.00282	0.00101	0.0000057	0.00787	0.00527	0.0387	0.0311	0.00000658	40.9	0.0000231	0.000622
2096 Mar	170	0.0673	0.0162	0.00109	17	0.0502	61.1	0.00301	0.00108	0.00000607	0.00838	0.00562	0.0413	0.0331	0.00000701	43.6	0.0000246	0.000663
2096 Apr	179	0.0711	0.0171	0.00115	18	0.053	64.7	0.00318	0.00114	0.00000641	0.00885	0.00595	0.0436	0.0349	0.00000741	46.1	0.000026	0.000701
2096 May	171	0.0678	0.0165	0.00109	17.3	0.05	61.2	0.00302	0.00108	0.0000061	0.0084	0.00565	0.0411	0.0336	0.00000703	44	0.0000247	0.000667
2096 Jun	105	0.0421	0.0119	0.000868	11.8	0.0321	34	0.00192	0.000863	0.00000468	0.00655	0.00336	0.0246	0.0231	0.00000519	28	0.0000196	0.000431
2096 Jul	107	0.0391	0.0114	0.000887	11.3	0.0329	35.4	0.00199	0.000881	0.00000479	0.00673	0.00345	0.0258	0.0222	0.00000533	27.7	0.0000203	0.000435
2096 Aug	114	0.0399	0.0116	0.000906	11.6	0.0347	38.7	0.00212	0.0009	0.00000493	0.0069	0.00371	0.0278	0.0228	0.00000551	29.1	0.0000208	0.000458
2096 Sep	115	0.041	0.0114	0.0009	11.5	0.0356	39.7	0.00214	0.000894	0.00000491	0.00689	0.00377	0.0287	0.0225	0.00000552	29.2	0.0000206	0.000461
2096 Oct	113	0.0431	0.0107	0.000875	11.2	0.0359	39.6	0.00212	0.000869	0.00000479	0.00678	0.00373	0.0283	0.0216	0.00000539	28.6	0.0000199	0.000449
2096 Nov	118	0.0457	0.0111	0.000911	11.7	0.0376	41.2	0.00221	0.000906	0.00000499	0.00707	0.00388	0.0294	0.0224	0.00000561	29.7	0.0000206	0.000466
2096 Dec	129	0.0501	0.0121	0.001	12.8	0.0413	45.4	0.00243	0.000993	0.00000547	0.00776	0.00427	0.0323	0.0246	0.00000616	32.6	0.0000226	0.000511
2097 Jan	140	0.0542	0.0131	0.00108	13.8	0.0446	49.1	0.00263	0.00107	0.00000591	0.00839	0.00463	0.035	0.0266	0.00000666	35.3	0.0000245	0.000553
2097 Feb	152	0.0588	0.0142	0.00117	15	0.0485	53.5	0.00286	0.00116	0.00000642	0.0091	0.00504	0.0381	0.0289	0.00000723	38.4	0.0000266	0.000601
2097 Mar	163	0.0627	0.0152	0.00125	16	0.0518	57.3	0.00306	0.00124	0.00000685	0.00971	0.00539	0.0407	0.0308	0.00000772	41	0.0000283	0.000642
2097 Apr	170	0.0655	0.0159	0.00131	16.7	0.0542	60.1	0.00321	0.0013	0.00000716	0.0101	0.00565	0.0426	0.0322	0.00000807	43	0.0000296	0.000672
2097 May	158	0.0611	0.015	0.00121	15.7	0.0496	55.3	0.00296	0.0012	0.00000661	0.00935	0.00522	0.0389	0.0303	0.00000745	40.1	0.0000273	0.000624
2097 Jun	109	0.0446	0.012	0.000893	12.2	0.0333	35.5	0.002	0.000889	0.00000483	0.00678	0.00349	0.0252	0.0236	0.00000535	28.9	0.0000201	0.000442
2097 Jul	116	0.0448	0.0121	0.000914	12.3	0.0352	39.3	0.00215	0.000909	0.00000498	0.00697	0.0038	0.0275	0.024	0.00000556	30.3	0.0000208	0.000467
2097 Aug	122	0.0449	0.0122	0.000923	12.4	0.0369	42.3	0.00226	0.000917	0.00000506	0.00706	0.00402	0.0295	0.0242	0.00000569	31.4	0.0000211	0.000486
2097 Sep	127	0.0455	0.0122	0.000928	12.5	0.038	44.8	0.00236	0.000922	0.00000511	0.00712	0.00421	0.0307	0.0244	0.00000578	32.3	0.0000212	0.000499
2097 Oct	129	0.0462	0.0121	0.000925	12.4	0.0386	46.3	0.00241	0.00092	0.00000512	0.00714	0.00432	0.0312	0.0242	0.00000581	32.7	0.0000212	0.000505
2097 Nov	133	0.048	0.0123	0.000951	12.8	0.0399	47.8	0.00249	0.000945	0.00000526	0.00734	0.00445	0.0322	0.0248	0.00000598	33.6	0.0000217	0.000519
2097 Dec	140	0.0506	0.013	0.001	13.5	0.0421	50.4	0.00263	0.000996	0.00000555	0.00774	0.0047	0.0339	0.0262	0.0000063	35.5	0.0000229	0.000547
2098 Jan	150	0.0544	0.014	0.00108	14.5	0.0453	54.3	0.00283	0.00107	0.00000597	0.00833	0.00506	0.0365	0.0281	0.00000678	38.2	0.0000246	0.000588
2098 Feb	163	0.0589	0.0151	0.00117	15.7	0.049	58.9	0.00306	0.00116	0.00000645	0.00901	0.00548	0.0395	0.0304	0.00000734	41.3	0.0000267	0.000637
2098 Mar	174	0.0629	0.0162	0.00125	16.7	0.0524	63.1	0.00328	0.00124	0.0000069	0.00963	0.00587	0.0423	0.0325	0.00000785	44.2	0.0000285	0.000681
2098 Apr	182	0.0658	0.0169	0.0013	17.5	0.0546	65.8	0.00342	0.00129	0.00000719	0.01	0.00613	0.0441	0.034	0.00000818	46.2	0.0000297	0.000711
2098 May	151	0.0576	0.0152	0.0011	15.6	0.0444	52.8	0.00278	0.00109	0.00000604	0.00838	0.005	0.0354	0.0304	0.00000681	39.3	0.000025	0.000599
2098 Jun	104	0.0443	0.0132	0.000893	12.9	0.0302	31.1	0.00185	0.00089	0.00000478	0.00664	0.00322	0.0222	0.0253	0.00000522	28.9	0.0000201	0.000434
2098 Jul	110	0.0437	0.0132	0.000913	12.9	0.0319	34.3	0.00197	0.000909	0.00000492	0.00683	0.00346	0.0245	0.0254	0.00000541	29.8	0.0000209	0.000455
2098 Aug	113	0.0436	0.0131	0.000916	12.9	0.0332	36.1	0.00203	0.000912	0.00000495	0.00685	0.00358	0.0259	0.0253	0.00000548	30.3	0.0000208	0.000464
2098 Sep	113	0.0446	0.0125	0.000897	12.6	0.0341	36.4	0.00202	0.000893	0.00000486	0.00676	0.00358	0.0263	0.0245	0.00000541	29.7	0.0000202	0.000458
2098 Oct	112	0.0465	0.0118	0.000878	12.2	0.0347	37	0.00202	0.000874	0.00000477	0.0067	0.00359	0.0266	0.0236	0.00000533	29.3	0.0000196	0.00045
2098 Nov	115	0.0483	0.0118	0.00089	12.4	0.0358	38.3	0.00208	0.000886	0.00000485	0.00682	0.00369	0.0273	0.0238	0.00000542	29.9	0.0000198	0.000458
2098 Dec	122	0.0514	0.0125	0.000947	13.2	0.0381	40.8	0.00222	0.000943	0.00000516	0.00726	0.00393	0.0291	0.0254	0.00000577	31.8	0.0000211	0.000488
2099 Jan	129	0.0543	0.0133	0.001	13.9	0.0403	43.3	0.00235	0.000996	0.00000545	0.00767	0.00417	0.0307	0.0268	0.0000061	33.6	0.0000223	0.000516
2099 Feb	138	0.0577	0.0141	0.00106	14.8	0.0429	46.1	0.0025	0.00106	0.0000058	0.00815	0.00444	0.0327	0.0285	0.00000649	35.8	0.0000237	0.000549
2099 Mar	146	0.0609	0.0149	0.00112	15.6	0.0453	48.9	0.00265	0.00112	0.00000612	0.0086	0.0047	0.0346	0.0301	0.00000685	37.9	0.000025	0.00058
2099 Apr	149	0.0625	0.0153	0.00115	16.1	0.0463	50	0.00271	0.00114	0.00000625	0.00878	0.00481	0.0353	0.0309	0.000007	38.8	0.0000256	0.000595
2099 May	111	0.0525	0.0139	0.000873	14.1	0.032	33.1	0.00187	0.00087	0.0000047	0.0065	0.00338	0.0234	0.0274	0.00000517	30.9	0.0000193	0.000456
2099 Jun	107	0.0523	0.0145	0.000862	14.5	0.0299	30.4	0.00176	0.000859	0.00000461	0.00633	0.0032	0.0215	0.0282	0.00000503	30.7	0.0000191	0.000449
2099 Jul	115	0.0523	0.0146	0.000874	14.6	0.0321	34.4	0.0019	0.000871	0.00000472	0.00648	0.0035	0.0243	0.0286	0.00000521	32.1	0.0000197	0.000475
2099 Aug	121	0.0531	0.0148	0.000892	14.8	0.0337	36.9	0.002	0.000888	0.00000483	0.00662	0.00369	0.026	0.0291	0.00000537	33.2	0.00002	0.000494
2099 Sep	122	0.053	0.0143	0.000882	14.5	0.0346	38.1	0.00204	0.000878	0.0000048	0.00657	0.00376	0.0268	0.0284	0.00000536	33	0.0000197	0.000494
2099 Oct	122	0.0536	0.0137	0.000866	14.2	0.0351	39.2	0.00206	0.000862	0.00000473	0.00651	0.00381	0.0272	0.0276	0.00000531	32.8	0.0000193	0.000489
2099 Nov	129	0.0562	0.014	0.000894	14.6	0.0372	42.7	0.00222	0.00089	0.00000492	0.00677	0.0041	0.029	0.0283	0.00000555	34.4	0.0000199	0.000513
2099 Dec	141	0.061	0.0152	0.000971	15.8	0.0406	47	0.00243	0.000966	0.00000534	0.00736	0.00451	0.0317	0.0307	0.00000604	37.6	0.0000217	0.00056
2100 Jan	153	0.0658	0.0164	0.00105	17.1	0.0438	50.9	0.00263	0.00104	0.00000576	0.00793	0.00487	0.0342	0.0331	0.00000652	40.6	0.0000233	0.000605
2100 Feb	164	0.0705	0.0176	0.00112	18.3	0.047	54.8	0.00283	0.00112	0.00000618	0.00851	0.00524	0.0368	0.0355	0.00000699	43.6	0.000025	0.00065
2100 Mar	176	0.0756	0.0188	0.0012	19.6	0.0505	59	0.00304	0.0012	0.00000663	0.00912	0.00564	0.0395	0.038	0.0000075	46.9	0.0000269	0.000698
2100 Apr	185	0.0793	0.0197	0.00126	20.6	0.053	62	0.0032	0.00125	0.00000695	0.00956	0.00592	0.0415	0.0399	0.00000787	49.2	0.0000281	0.000732
2100 May	146	0.0643	0.0165	0.00101	17	0.0412	47.6	0.00249	0.00101	0.00000557	0.00763	0.00462	0.0319	0.0329	0.00000626	39.5	0.0000226	0.000584
2100 Jun	104	0.0481	0.0136	0.000851	13.6	0.0295	30	0.00175	0.000849	0.00000456	0.00629	0.00313	0.0215	0.0264	0.00000498	29.2	0.000019	0.000433
2100 Jul	106	0.0457	0.0132	0.000857	13.1	0.0303	31.6	0.00181	0.000854	0.00000461	0.00638	0.00323	0.0229	0.0257	0.00000506	29.1	0.0000194	0.000439
2100 Aug	108	0.0449	0.0129	0.000852	12.9	0.0315	33	0.00185	0.000849	0.00000459	0.00632	0.00331	0.0241	0.0252	0.00000508	29.1	0.000019	0.000442
2100 Sep	111	0.0449	0.0126	0.000849	12.8	0.0327	35.4	0.00193	0.000846	0.00000461	0.00632	0.00349	0.0253	0.0249	0.00000514	29.7	0.0000188	0.000451
2100 Oct	117	0.046	0.0127	0.00086	12.9	0.034	38.2	0.00204	0.000857	0.0000047	0.00644	0.0037	0.0267	0.0252	0.00000527	30.8	0.0000192	0.000467
2100 Nov	125	0.0492	0.0135	0.000918	13.8	0.0364	41.2	0.0022	0.000914	0.00000502	0.00687	0.00398	0.0286	0.0269	0.00000563	33	0.0000205	0.0005
2100 Dec	132	0.0517	0.0142	0.000965	14.5	0.0384	43.5	0.00232	0.000961	0.00000528	0.00723	0.0042	0.0302	0.0283	0.00000593	34.8	0.0000215	0.000527
2101 Jan	142	0.0557	0.0153	0.00104	15.6	0.0414	47	0.0025	0.00103	0.00000569	0.00779	0.00454	0.0326	0.0305	0.00000639	37.5	0.0000232	0.000569

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2101 Feb	158	0.0615	0.0169	0.00115	17.2	0.0458	52.2	0.00278	0.00114	0.00000629	0.0086	0.00504	0.0361	0.0337	0.00000706	41.5	0.0000256	0.000629
2101 Mar	170	0.0663	0.0183	0.00124	18.6	0.0494	56.4	0.003	0.00123	0.00000678	0.00927	0.00544	0.0389	0.0363	0.00000761	44.8	0.0000276	0.000679
2101 Apr	181	0.0704	0.0194	0.00131	19.7	0.0525	60.2	0.00319	0.00131	0.0000072	0.00985	0.0058	0.0414	0.0386	0.00000809	47.7	0.0000293	0.000722
2101 May	141	0.0564	0.0158	0.00103	16	0.0401	45.5	0.00244	0.00103	0.00000563	0.00768	0.00444	0.0313	0.0312	0.0000063	37.6	0.000023	0.000565
2101 Jun	99.4	0.0424	0.0127	0.00081	12.5	0.0282	29.4	0.0017	0.000808	0.00000435	0.00596	0.00303	0.021	0.0245	0.00000477	27.6	0.0000181	0.000412
2101 Jul	107	0.0425	0.0128	0.000829	12.6	0.0301	33.6	0.00187	0.000827	0.0000045	0.00615	0.00336	0.0234	0.0248	0.00000498	29.1	0.0000188	0.000438
2101 Aug	114	0.0432	0.013	0.000845	12.8	0.0317	36.7	0.00199	0.000842	0.00000461	0.00629	0.0036	0.0253	0.0253	0.00000515	30.4	0.0000192	0.00046
2101 Sep	116	0.0438	0.0126	0.000841	12.7	0.0328	38.2	0.00204	0.000838	0.00000461	0.00629	0.0037	0.026	0.0249	0.00000517	30.6	0.0000189	0.000463
2101 Oct	118	0.0444	0.0124	0.000835	12.6	0.0333	39.6	0.00209	0.000832	0.0000046	0.00628	0.0038	0.0266	0.0246	0.00000518	30.9	0.0000188	0.000466
2101 Nov	115	0.0448	0.0119	0.000817	12.3	0.033	38.8	0.00205	0.000815	0.0000045	0.00618	0.00371	0.0259	0.0238	0.00000507	30.1	0.0000183	0.000453
2101 Dec	121	0.0476	0.0126	0.000865	13	0.035	41	0.00217	0.000862	0.00000476	0.00654	0.00393	0.0274	0.0252	0.00000536	31.8	0.0000193	0.000478
2102 Jan	131	0.0515	0.0136	0.000936	14	0.0379	44.5	0.00235	0.000933	0.00000516	0.00708	0.00425	0.0297	0.0273	0.00000581	34.4	0.0000209	0.000518
2102 Feb	141	0.0551	0.0146	0.001	15	0.0406	47.7	0.00252	0.000998	0.00000552	0.00758	0.00456	0.0318	0.0292	0.00000622	36.9	0.0000224	0.000555
2102 Mar	150	0.0586	0.0155	0.00107	16	0.0432	50.9	0.00269	0.00106	0.00000587	0.00806	0.00486	0.0339	0.031	0.00000661	39.3	0.0000238	0.000591
2102 Apr	158	0.0617	0.0163	0.00112	16.8	0.0455	53.8	0.00284	0.00112	0.00000618	0.00848	0.00514	0.0358	0.0326	0.00000697	41.4	0.0000251	0.000623
2102 May	165	0.064	0.0169	0.00116	17.4	0.0474	56.4	0.00296	0.00116	0.00000642	0.00881	0.00537	0.0373	0.0339	0.00000724	43.2	0.0000261	0.000649
2102 Jun	101	0.0373	0.0109	0.000868	10.9	0.031	32.7	0.00191	0.000866	0.00000469	0.00656	0.00325	0.0233	0.0212	0.00000516	26.4	0.0000195	0.000409
2102 Jul	86.4	0.0291	0.00934	0.000837	9.16	0.0278	27.5	0.00171	0.000835	0.00000448	0.00632	0.00279	0.0206	0.0178	0.00000487	22.3	0.0000189	0.000355
2102 Aug	92.4	0.0294	0.00934	0.000843	9.23	0.0296	30.6	0.00182	0.000841	0.00000454	0.00638	0.00302	0.0225	0.018	0.00000499	23.3	0.0000191	0.000373
2102 Sep	95.5	0.0301	0.00927	0.000844	9.28	0.0306	32.3	0.00188	0.000842	0.00000457	0.00641	0.00314	0.0235	0.018	0.00000505	23.9	0.0000191	0.000382
2102 Oct	96.5	0.0324	0.00906	0.000842	9.32	0.0313	33.2	0.00192	0.00084	0.00000457	0.00644	0.0032	0.0237	0.0179	0.00000506	24.1	0.0000189	0.000382
2102 Nov	102	0.0342	0.00953	0.000886	9.82	0.033	35	0.00202	0.000884	0.00000481	0.00678	0.00338	0.025	0.0189	0.00000533	25.4	0.0000198	0.000403
2102 Dec	109	0.0365	0.0102	0.000945	10.5	0.0352	37.4	0.00216	0.000943	0.00000514	0.00723	0.00361	0.0267	0.0201	0.00000568	27.1	0.0000212	0.00043
2103 Jan	117	0.0391	0.0109	0.00101	11.2	0.0378	40.3	0.00232	0.00101	0.00000551	0.00776	0.00388	0.0286	0.0216	0.0000061	29.1	0.0000227	0.000462
2103 Feb	125	0.0417	0.0116	0.00108	12	0.0404	43.1	0.00248	0.00108	0.00000588	0.00827	0.00416	0.0306	0.023	0.00000651	31.1	0.0000242	0.000493
2103 Mar	134	0.0447	0.0124	0.00116	12.8	0.0433	46.3	0.00267	0.00115	0.0000063	0.00886	0.00446	0.0328	0.0246	0.00000697	33.4	0.0000259	0.000529
2103 Apr	142	0.0473	0.0132	0.00122	13.6	0.0458	49.2	0.00283	0.00122	0.00000666	0.00937	0.00474	0.0348	0.0261	0.00000738	35.4	0.0000274	0.00056
2103 May	125	0.0435	0.0123	0.00108	12.6	0.0397	42.2	0.00244	0.00108	0.00000586	0.00822	0.00412	0.0299	0.0242	0.00000647	31.8	0.0000242	0.000498
2103 Jun	87.1	0.0343	0.0107	0.000828	10.5	0.0268	25.6	0.00162	0.000827	0.00000441	0.00617	0.00269	0.0192	0.0204	0.00000476	23.6	0.0000186	0.000363
2103 Jul	92.1	0.0328	0.0104	0.000834	10.2	0.0283	28.6	0.00173	0.000832	0.00000447	0.00624	0.00291	0.0212	0.02	0.00000488	24.2	0.0000189	0.000377
2103 Aug	96.2	0.0315	0.0101	0.00083	9.99	0.0302	31.1	0.0018	0.000828	0.00000448	0.00617	0.00308	0.023	0.0197	0.00000495	24.5	0.0000184	0.000386
2103 Sep	97.4	0.0334	0.00975	0.000822	9.94	0.0311	32.1	0.00183	0.00082	0.00000445	0.00616	0.00313	0.0236	0.0194	0.00000494	24.6	0.0000181	0.000386
2103 Oct	96	0.0371	0.00927	0.000814	9.9	0.0317	31.9	0.00182	0.000812	0.00000441	0.00618	0.00311	0.0232	0.0189	0.00000488	24.3	0.0000176	0.000377
2103 Nov	98.4	0.0397	0.00943	0.00084	10.2	0.033	32.6	0.00187	0.000838	0.00000455	0.0064	0.00318	0.0237	0.0194	0.00000503	24.9	0.0000181	0.000386
2103 Dec	105	0.0424	0.0101	0.000896	10.9	0.0352	34.8	0.00199	0.000894	0.00000485	0.00682	0.00339	0.0253	0.0207	0.00000537	26.6	0.0000193	0.000412
2104 Jan	115	0.0463	0.011	0.00098	11.9	0.0386	38.2	0.00219	0.000977	0.00000531	0.00746	0.00372	0.0277	0.0226	0.00000587	29.1	0.0000211	0.000451
2104 Feb	125	0.0504	0.012	0.00107	13	0.042	41.8	0.00239	0.00106	0.00000578	0.00812	0.00406	0.0303	0.0246	0.00000639	31.7	0.0000229	0.000491
2104 Mar	134	0.0539	0.0128	0.00114	13.9	0.045	44.9	0.00256	0.00114	0.00000618	0.00868	0.00436	0.0324	0.0263	0.00000684	34	0.0000245	0.000526
2104 Apr	141	0.0564	0.0134	0.00119	14.5	0.0472	47.3	0.00269	0.00119	0.00000647	0.00909	0.00459	0.0341	0.0276	0.00000717	35.7	0.0000257	0.000552
2104 May	117	0.0488	0.0122	0.000989	12.9	0.0377	37.7	0.00217	0.000987	0.00000535	0.00746	0.00373	0.0269	0.0246	0.00000589	30.5	0.0000213	0.000464
2104 Jun	93	0.0415	0.0117	0.000841	11.8	0.0284	26.8	0.00165	0.00084	0.00000448	0.00623	0.00282	0.0197	0.0228	0.00000485	25.6	0.0000184	0.000385
2104 Jul	100	0.0406	0.0116	0.000849	11.7	0.0302	30.9	0.00181	0.000848	0.00000457	0.00633	0.00314	0.022	0.0227	0.00000501	26.9	0.0000188	0.000406
2104 Aug	105	0.0404	0.0115	0.000852	11.6	0.0317	33.4	0.00189	0.00085	0.00000461	0.00636	0.00331	0.0238	0.0227	0.0000051	27.5	0.0000188	0.00042
2104 Sep	107	0.0409	0.0112	0.000845	11.5	0.0326	34.8	0.00194	0.000844	0.0000046	0.00632	0.0034	0.0244	0.0223	0.00000511	27.7	0.0000185	0.000422
2104 Oct	106	0.0426	0.0107	0.000834	11.4	0.033	35.2	0.00195	0.000833	0.00000455	0.0063	0.00342	0.0244	0.0218	0.00000506	27.5	0.0000181	0.000417
2104 Nov	110	0.0451	0.0111	0.000868	11.8	0.0345	36.5	0.00203	0.000866	0.00000473	0.00657	0.00355	0.0253	0.0225	0.00000526	28.5	0.0000187	0.000431
2104 Dec	120	0.0491	0.012	0.000944	12.8	0.0376	39.8	0.00221	0.000942	0.00000515	0.00714	0.00387	0.0276	0.0245	0.00000573	31	0.0000204	0.00047
2105 Jan	131	0.0536	0.0131	0.00103	14	0.0411	43.6	0.00242	0.00103	0.00000563	0.00781	0.00423	0.0302	0.0268	0.00000626	34	0.0000223	0.000514
2105 Feb	143	0.0583	0.0143	0.00112	15.3	0.0447	47.6	0.00263	0.00112	0.00000612	0.00849	0.00461	0.0328	0.0291	0.00000681	37	0.0000242	0.000559
2105 Mar	154	0.0626	0.0153	0.0012	16.4	0.048	51.3	0.00283	0.0012	0.00000657	0.00911	0.00497	0.0353	0.0313	0.00000731	39.7	0.000026	0.000601
2105 Apr	163	0.0663	0.0162	0.00127	17.4	0.051	54.6	0.00301	0.00127	0.00000696	0.00965	0.00528	0.0375	0.0331	0.00000775	42.2	0.0000276	0.000638
2105 May	128	0.0533	0.0135	0.001	14.2	0.0389	41.5	0.00231	0.000998	0.00000545	0.00752	0.00408	0.0284	0.0273	0.00000604	33.7	0.0000217	0.000504
2105 Jun	102	0.045	0.0122	0.000809	12.4	0.0296	31.2	0.00178	0.000808	0.00000437	0.006	0.00316	0.0214	0.0241	0.00000481	28	0.0000177	0.000412
2105 Jul	109	0.0446	0.0122	0.000816	12.4	0.0314	34.8	0.0019	0.000814	0.00000445	0.00608	0.00343	0.0237	0.0243	0.00000495	29.1	0.000018	0.000434
2105 Aug	110	0.043	0.0116	0.000802	12	0.0326	35.9	0.00191	0.0008	0.00000439	0.00595	0.00347	0.025	0.0235	0.00000493	28.7	0.0000174	0.000433
2105 Sep	110	0.0438	0.011	0.000793	11.7	0.0335	36.5	0.00194	0.000791	0.00000436	0.0059	0.0035	0.0253	0.0226	0.0000049	28.4	0.0000168	0.000427
2105 Oct	111	0.0456	0.0106	0.000789	11.6	0.0342	37.6	0.00198	0.000788	0.00000435	0.00594	0.00358	0.0255	0.0222	0.00000491	28.5	0.0000166	0.000426
2105 Nov	114	0.0482	0.0109	0.000818	12.1	0.0356	38.9	0.00205	0.000817	0.00000451	0.00617	0.0037	0.0263	0.0228	0.00000508	29.4	0.0000171	0.000439
2105 Dec	124	0.0522	0.0118	0.000887	13.1	0.0386	42.3	0.00223	0.000885	0.00000489	0.00669	0.00401	0.0285	0.0247	0.00000551	31.9	0.0000186	0.000476
2106 Jan	135	0.0565	0.0128	0.00096	14.1	0.0419	46	0.00242	0.000958	0.0000053	0.00725	0.00436	0.031	0.0268	0.00000597	34.6	0.0000201	0.000516
2106 Feb	146	0.0613	0.0139	0.00104	15.3	0.0455	50	0.00263	0.00104	0.00000575	0.00786	0.00475	0.0337	0.029	0.00000648	37.6	0.0000218	0.000561
2106 Mar	158	0.066	0.0149	0.00112	16.5	0.0491	54.2	0.00285	0.00112	0.0000062	0.00847	0.00514	0.0364	0.0313	0.00000699	40.6	0.0000235	0.000605
2106 Apr	167	0.0693	0.0157	0.00118	17.3	0.0516	57.1	0.003	0.00117	0.00000651	0.00889	0.00541	0.0383	0.0328	0.00000734	42.7	0.0000247	0.000637
2106 May	157	0.0654	0.015	0.00111	16.5	0.0481	53.6	0.00282	0.0011	0.00000612	0.00834	0.00508	0.0357	0.0313	0.0000069	40.4	0.0000232	0.000601
2106 Jun	98.9	0.0419	0.011	0.000809	11.4	0.0303	31	0.00178	0.000808	0.00000437	0.00603	0.0031	0.0217	0.0219	0.00000481	26.3	0.0000174	0.000395
2106 Jul	104	0.0396	0.0107	0.000822	11.1	0.0318	34.3	0.00191	0.000821	0.00000448	0.00618	0.00334	0.0238	0.0214	0.00000498	26.9	0.000018	0.00041
2106 Aug	108	0.0384	0.0103	0.000815	10.8	0.0334	36.7	0.00198	0.000813	0.00000447	0.0061	0.0035	0.0257	0.0211	0.00000502	27.3	0.0000176	0.000419

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Sep	109	0.0392	0.00993	0.000807	10.7	0.0343	37.7	0.00201	0.000806	0.00000445	0.00606	0.00356	0.0262	0.0206	0.00000501	27.2	0.0000171	0.000418
2106 Oct	112	0.0417	0.0101	0.000832	11	0.0357	38.8	0.00207	0.00083	0.00000458	0.00627	0.00366	0.027	0.021	0.00000517	28	0.0000176	0.000429
2106 Nov	122	0.0452	0.0109	0.000902	12	0.0387	42.2	0.00225	0.0009	0.00000497	0.0068	0.00398	0.0292	0.0228	0.0000056	30.4	0.0000191	0.000465
2106 Dec	132	0.0489	0.0118	0.000977	12.9	0.0419	45.8	0.00244	0.000975	0.00000538	0.00736	0.00431	0.0317	0.0247	0.00000607	32.9	0.0000206	0.000504
2107 Jan	144	0.0532	0.0129	0.00106	14.1	0.0456	49.9	0.00266	0.00106	0.00000585	0.008	0.00471	0.0345	0.0268	0.0000066	35.9	0.0000224	0.000549
2107 Feb	155	0.0572	0.0138	0.00114	15.1	0.0492	54	0.00287	0.00114	0.0000063	0.00861	0.00508	0.0372	0.0289	0.00000711	38.7	0.0000241	0.000592
2107 Mar	166	0.0611	0.0148	0.00122	16.2	0.0526	57.9	0.00307	0.00122	0.00000673	0.00919	0.00544	0.0398	0.0308	0.00000759	41.4	0.0000258	0.000633
2107 Apr	176	0.0646	0.0156	0.00129	17.1	0.0557	61.6	0.00327	0.00129	0.00000713	0.00973	0.00579	0.0422	0.0326	0.00000805	43.9	0.0000273	0.000671
2107 May	155	0.0586	0.0145	0.00115	15.7	0.0484	53	0.00284	0.00115	0.00000632	0.00862	0.00503	0.0364	0.03	0.00000711	39.2	0.0000243	0.000595
2107 Jun	109	0.0459	0.0125	0.000849	12.9	0.032	33.5	0.00189	0.000847	0.0000046	0.00624	0.00337	0.0232	0.0249	0.00000507	29.3	0.0000181	0.000434
2107 Jul	115	0.0449	0.0123	0.000851	12.7	0.0337	37.5	0.00203	0.000849	0.00000466	0.00627	0.00366	0.0253	0.0248	0.0000052	30.3	0.0000183	0.000452
2107 Aug	123	0.0448	0.0123	0.000857	12.8	0.0355	41.3	0.00217	0.000855	0.00000473	0.00634	0.00394	0.0275	0.0249	0.00000534	31.6	0.0000185	0.000473
2107 Sep	125	0.0459	0.0121	0.000858	12.8	0.0364	43.1	0.00224	0.000856	0.00000476	0.00639	0.00407	0.0283	0.0248	0.00000539	32.1	0.0000185	0.00048
2107 Oct	126	0.0474	0.012	0.00086	12.8	0.037	43.5	0.00226	0.000859	0.00000478	0.00645	0.0041	0.0284	0.0246	0.00000541	32.2	0.0000185	0.000479
2107 Nov	132	0.0505	0.0126	0.000908	13.4	0.039	45.6	0.00238	0.000906	0.00000504	0.00681	0.00431	0.0299	0.0259	0.00000571	33.8	0.0000194	0.000503
2107 Dec	142	0.0543	0.0135	0.000976	14.5	0.042	49.1	0.00256	0.000974	0.00000542	0.00733	0.00463	0.0321	0.0278	0.00000614	36.3	0.0000209	0.000541
2108 Jan	152	0.0579	0.0144	0.00104	15.4	0.0448	52.5	0.00273	0.00104	0.00000578	0.00782	0.00495	0.0343	0.0297	0.00000655	38.8	0.0000223	0.000578
2108 Feb	163	0.0621	0.0155	0.00112	16.6	0.0482	56.5	0.00294	0.00112	0.00000621	0.00839	0.00533	0.0369	0.0319	0.00000703	41.7	0.0000239	0.000621
2108 Mar	174	0.066	0.0164	0.00119	17.6	0.0512	60.3	0.00313	0.00118	0.00000659	0.00891	0.00568	0.0392	0.0339	0.00000747	44.4	0.0000254	0.000661
2108 Apr	181	0.0687	0.0171	0.00124	18.3	0.0534	63	0.00327	0.00123	0.00000687	0.00928	0.00593	0.041	0.0353	0.00000779	46.3	0.0000265	0.00069
2108 May	183	0.0689	0.0172	0.00123	18.4	0.0536	64.1	0.00331	0.00123	0.00000688	0.00928	0.00602	0.0412	0.0354	0.00000781	46.8	0.0000265	0.000695
2108 Jun	115	0.0431	0.0117	0.000883	12.1	0.0343	38.2	0.00211	0.000882	0.00000483	0.00661	0.00371	0.0256	0.0234	0.00000538	29.7	0.0000192	0.000447
2108 Jul	122	0.0422	0.0116	0.000901	12	0.0358	42	0.00227	0.000899	0.00000497	0.00678	0.00401	0.0276	0.0234	0.00000557	30.9	0.0000199	0.000468
2108 Aug	129	0.0428	0.0118	0.000915	12.2	0.0378	45.9	0.00242	0.000914	0.00000509	0.00693	0.0043	0.0298	0.0238	0.00000576	32.4	0.0000203	0.000492
2108 Sep	132	0.0435	0.0117	0.000917	12.2	0.0385	47.3	0.00248	0.000915	0.00000511	0.00696	0.00441	0.0304	0.0237	0.0000058	32.8	0.0000203	0.000498
2108 Oct	125	0.0461	0.0109	0.000891	11.9	0.038	44.6	0.00236	0.00089	0.00000496	0.00683	0.00418	0.0289	0.0226	0.0000056	31.2	0.0000194	0.000471
2108 Nov	130	0.0488	0.0113	0.00093	12.4	0.0398	46.5	0.00246	0.000929	0.00000517	0.00714	0.00435	0.03	0.0235	0.00000584	32.5	0.0000202	0.000489
2108 Dec	141	0.0527	0.0122	0.001	13.4	0.043	50.3	0.00266	0.001	0.00000559	0.00771	0.0047	0.0325	0.0254	0.00000631	35.1	0.0000218	0.000529
2109 Jan	152	0.0569	0.0132	0.00108	14.5	0.0465	54.4	0.00288	0.00108	0.00000603	0.00833	0.00509	0.0351	0.0274	0.00000682	38	0.0000235	0.000572
2109 Feb	165	0.0617	0.0142	0.00117	15.7	0.0504	59.1	0.00313	0.00117	0.00000653	0.00902	0.00552	0.0381	0.0297	0.00000738	41.2	0.0000255	0.00062
2109 Mar	176	0.0655	0.0151	0.00125	16.6	0.0536	63.1	0.00333	0.00125	0.00000694	0.00958	0.00589	0.0405	0.0315	0.00000785	43.9	0.0000271	0.00066
2109 Apr	185	0.0689	0.0159	0.00131	17.5	0.0564	66.7	0.00352	0.00131	0.00000731	0.0101	0.00622	0.0427	0.0332	0.00000826	46.2	0.0000285	0.000695
2109 May	154	0.0596	0.0143	0.00111	15.4	0.0463	54.1	0.00289	0.00111	0.00000615	0.00846	0.00512	0.0347	0.0294	0.00000692	39.4	0.0000241	0.000587
2109 Jun	118	0.0493	0.0129	0.000878	13.4	0.0336	38.2	0.00211	0.000877	0.00000481	0.00656	0.00376	0.0246	0.0258	0.00000534	31.6	0.0000192	0.000463
2109 Jul	124	0.0483	0.0128	0.00088	13.3	0.0352	41.8	0.00223	0.000879	0.00000486	0.0066	0.00402	0.0267	0.0257	0.00000545	32.5	0.0000193	0.00048
2109 Aug	131	0.0479	0.0127	0.000885	13.2	0.0369	45.1	0.00235	0.000884	0.00000493	0.00664	0.00427	0.0286	0.0258	0.00000557	33.6	0.0000194	0.000497
2109 Sep	130	0.0484	0.0123	0.000876	13	0.0374	45.2	0.00234	0.000875	0.00000488	0.0066	0.00426	0.0289	0.0253	0.00000554	33.2	0.0000191	0.000493
2109 Oct	124	0.0493	0.0114	0.000841	12.4	0.0367	43.7	0.00227	0.00084	0.00000469	0.00641	0.0041	0.0278	0.0237	0.00000532	31.7	0.0000181	0.000468
2109 Nov	132	0.0525	0.012	0.000891	13.2	0.039	46.4	0.00241	0.000889	0.00000497	0.0068	0.00435	0.0294	0.0251	0.00000563	33.5	0.0000192	0.000495
2109 Dec	141	0.0562	0.0128	0.000953	14.1	0.0418	49.7	0.00258	0.000952	0.00000532	0.00728	0.00466	0.0315	0.0268	0.00000604	35.9	0.0000205	0.000531
2110 Jan	150	0.0595	0.0136	0.00101	14.9	0.0443	52.9	0.00274	0.00101	0.00000564	0.00771	0.00495	0.0335	0.0284	0.00000639	38.1	0.0000218	0.000563
2110 Feb	162	0.064	0.0146	0.00109	16	0.0477	57.1	0.00296	0.00108	0.00000606	0.00829	0.00534	0.0361	0.0306	0.00000688	41.1	0.0000234	0.000606
2110 Mar	173	0.0684	0.0156	0.00116	17.2	0.0511	61.3	0.00317	0.00116	0.00000649	0.00887	0.00573	0.0387	0.0327	0.00000737	44	0.000025	0.00065
2110 Apr	185	0.073	0.0167	0.00124	18.3	0.0546	65.7	0.0034	0.00124	0.00000693	0.00947	0.00614	0.0413	0.0349	0.00000787	47.1	0.0000267	0.000695
2110 May	180	0.0713	0.0164	0.00121	18	0.0528	63.8	0.0033	0.0012	0.00000674	0.0092	0.00597	0.04	0.0343	0.00000765	46	0.000026	0.000677
2110 Jun	111	0.0471	0.0124	0.000857	12.8	0.032	35.1	0.00198	0.000856	0.00000466	0.00639	0.0035	0.023	0.0247	0.00000515	29.8	0.0000186	0.000437
2110 Jul	117	0.0454	0.0122	0.00086	12.6	0.0334	38.7	0.00211	0.000859	0.00000472	0.00645	0.00376	0.0251	0.0244	0.00000527	30.6	0.000019	0.000454
2110 Aug	115	0.0422	0.0112	0.000836	11.8	0.0345	38.9	0.00209	0.000835	0.00000461	0.00618	0.00373	0.0258	0.0229	0.00000517	29.5	0.0000176	0.00044
2110 Sep	112	0.0442	0.0105	0.000821	11.5	0.0349	38.1	0.00205	0.00082	0.00000452	0.00611	0.00364	0.0253	0.0219	0.00000507	28.5	0.0000169	0.000424
2110 Oct	108	0.0473	0.00977	0.000805	11.3	0.035	36.5	0.00198	0.000804	0.00000443	0.00609	0.00349	0.0244	0.0209	0.00000495	27.4	0.0000163	0.000404
2110 Nov	108	0.049	0.00981	0.000818	11.4	0.0356	36.6	0.00199	0.000817	0.00000449	0.0062	0.0035	0.0245	0.0211	0.00000501	27.6	0.0000165	0.000406
2110 Dec	115	0.052	0.0104	0.000869	12.1	0.0379	38.9	0.00212	0.000868	0.00000477	0.00659	0.00373	0.0261	0.0224	0.00000533	29.3	0.0000175	0.000432
2111 Jan	123	0.0555	0.0111	0.000928	13	0.0405	41.7	0.00227	0.000927	0.0000051	0.00704	0.00399	0.0279	0.0239	0.00000569	31.3	0.0000187	0.000462
2111 Feb	132	0.0594	0.0119	0.000992	13.9	0.0433	44.8	0.00244	0.000991	0.00000545	0.00753	0.00428	0.0299	0.0256	0.00000609	33.6	0.00002	0.000495
2111 Mar	139	0.0626	0.0125	0.00105	14.6	0.0457	47.5	0.00258	0.00104	0.00000575	0.00793	0.00453	0.0316	0.027	0.00000643	35.5	0.0000211	0.000523
2111 Apr	146	0.0652	0.0131	0.00109	15.2	0.0477	49.7	0.00269	0.00109	0.00000599	0.00826	0.00474	0.0329	0.0281	0.0000067	37	0.000022	0.000545
2111 May	138	0.0618	0.0127	0.00103	14.6	0.0444	46.8	0.00254	0.00102	0.00000564	0.00776	0.00449	0.0308	0.0272	0.00000631	35.4	0.0000208	0.00052
2111 Jun	104	0.0484	0.0117	0.000828	12.5	0.0316	31.8	0.00183	0.000827	0.00000448	0.00615	0.00322	0.0215	0.0237	0.00000492	28	0.0000173	0.000407
2111 Jul	113	0.0483	0.0117	0.000842	12.6	0.0336	36.7	0.00202	0.000841	0.00000461	0.0063	0.00359	0.024	0.024	0.00000512	29.7	0.0000179	0.000435
2111 Aug	115	0.0463	0.0112	0.000828	12.1	0.0347	38.2	0.00205	0.000827	0.00000456	0.00616	0.00367	0.0253	0.0232	0.00000511	29.5	0.0000172	0.000436
2111 Sep	117	0.0463	0.0109	0.000825	12	0.0357	39.8	0.00211	0.000824	0.00000456	0.00614	0.00378	0.026	0.0228	0.00000514	29.7	0.0000169	0.000439
2111 Oct	114	0.0486	0.0105	0.000821	11.9	0.036	39	0.00208	0.00082	0.00000454	0.00617	0.00371	0.0255	0.0222	0.00000509	29.1	0.0000166	0.000428
2111 Nov	111	0.0504	0.0101	0.000815	11.8	0.0359	37.4	0.00202	0.000814	0.00000449	0.00616	0.00358	0.0247	0.0217	0.00000502	28.3	0.0000163	0.000414
2111 Dec	118	0.0536	0.0107	0.000866	12.5	0.0381	39.8	0.00215	0.000865	0.00000477	0.00655	0.0038	0.0262	0.023	0.00000533	30.1	0.0000173	0.00044
2112 Jan	126	0.0573	0.0115	0.000926	13.4	0.0408	42.6	0.0023	0.000925	0.0000051	0.00701	0.00408	0.0281	0.0246	0.0000057	32.2	0.0000185	0.000471
2112 Feb	133	0.0606	0.0121	0.000979	14.1	0.0431	45.1	0.00244	0.000978	0.00000539	0.0074	0.00431	0.0297	0.026	0.00000603	34	0.0000196	0.000498
2112 Mar	139	0.0631	0.0126	0.00102	14.7	0.045	47.2	0.00255	0.00102	0.00000562	0.00772	0.00451	0.031	0.0271	0.00000629	35.5	0.0000204	0.00052

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2112 Apr	145	0.0658	0.0131	0.00106	15.3	0.047	49.4	0.00266	0.00106	0.00000586	0.00805	0.00472	0.0324	0.0283	0.00000656	37.1	0.0000213	0.000543
2112 May	133	0.0611	0.0127	0.00098	14.6	0.0422	44.2	0.0024	0.000979	0.00000539	0.00738	0.00427	0.029	0.027	0.00000601	34.5	0.0000197	0.000502
2112 Jun	93.1	0.0443	0.0113	0.000809	11.9	0.0287	26.6	0.00162	0.000808	0.00000432	0.00597	0.0028	0.0191	0.0226	0.00000468	25.5	0.000017	0.000375
2112 Jul	99.4	0.0419	0.011	0.000814	11.4	0.03	30.7	0.00178	0.000814	0.0000044	0.00606	0.00309	0.0212	0.0219	0.00000483	26.3	0.0000175	0.000391
2112 Aug	105	0.042	0.0109	0.00082	11.5	0.0316	33.5	0.00188	0.000819	0.00000447	0.00612	0.0033	0.0229	0.022	0.00000494	27.2	0.0000176	0.000408
2112 Sep	108	0.0424	0.0108	0.000819	11.5	0.0326	35.6	0.00197	0.000819	0.00000449	0.00613	0.00346	0.0237	0.0219	0.00000499	27.8	0.0000174	0.000415
2112 Oct	111	0.0436	0.0107	0.000823	11.5	0.0334	37.1	0.00203	0.000822	0.00000453	0.00619	0.00357	0.0243	0.0218	0.00000505	28.3	0.0000175	0.000421
2112 Nov	118	0.0465	0.0113	0.000875	12.2	0.0355	39.5	0.00216	0.000874	0.00000481	0.00659	0.0038	0.0259	0.0232	0.00000537	30.1	0.0000186	0.000448
2112 Dec	125	0.0494	0.012	0.000928	13	0.0377	41.9	0.00229	0.000928	0.00000511	0.00699	0.00404	0.0275	0.0246	0.0000057	31.9	0.0000197	0.000475
2113 Jan	136	0.0536	0.013	0.00101	14.1	0.041	45.6	0.00249	0.00101	0.00000555	0.00759	0.00439	0.0299	0.0267	0.00000619	34.7	0.0000214	0.000516
2113 Feb	146	0.0578	0.0141	0.00109	15.2	0.0442	49.3	0.00269	0.00109	0.00000598	0.00818	0.00474	0.0322	0.0288	0.00000667	37.4	0.0000231	0.000557
2113 Mar	154	0.0606	0.0147	0.00114	15.9	0.0464	51.9	0.00283	0.00114	0.00000627	0.00858	0.00498	0.0339	0.0302	0.00000701	39.3	0.0000242	0.000585
2113 Apr	161	0.0634	0.0154	0.00119	16.7	0.0486	54.5	0.00297	0.00119	0.00000657	0.00898	0.00523	0.0355	0.0316	0.00000733	41.2	0.0000254	0.000613
2113 May	143	0.057	0.0142	0.00106	15.2	0.0424	47.7	0.00261	0.00106	0.00000581	0.00793	0.00461	0.0309	0.0289	0.00000648	37	0.0000225	0.000547
2113 Jun	102	0.0443	0.0123	0.000829	12.5	0.0293	30.4	0.00178	0.000829	0.00000447	0.0061	0.00312	0.0205	0.0241	0.00000488	27.8	0.0000179	0.000408
2113 Jul	108	0.0436	0.0122	0.000838	12.4	0.0309	33.9	0.00192	0.000837	0.00000456	0.00618	0.00339	0.0224	0.024	0.00000503	28.9	0.0000181	0.000425
2113 Aug	114	0.0432	0.012	0.00084	12.4	0.0323	36.7	0.00202	0.00084	0.0000046	0.00621	0.00359	0.024	0.024	0.00000512	29.7	0.0000182	0.000439
2113 Sep	114	0.0439	0.0117	0.000834	12.2	0.033	37.2	0.00203	0.000834	0.00000458	0.00619	0.00362	0.0244	0.0236	0.00000511	29.5	0.0000179	0.000437
2113 Oct	110	0.0465	0.0109	0.000816	11.9	0.0331	36	0.00198	0.000815	0.00000448	0.00614	0.0035	0.0236	0.0224	0.00000498	28.4	0.0000172	0.000418
2113 Nov	110	0.0488	0.0109	0.00083	12	0.0339	35.9	0.00199	0.00083	0.00000455	0.00627	0.0035	0.0237	0.0226	0.00000505	28.5	0.0000173	0.000418
2113 Dec	117	0.0518	0.0115	0.000882	12.8	0.036	38.1	0.00211	0.000881	0.00000483	0.00666	0.00372	0.0251	0.024	0.00000536	30.3	0.0000184	0.000444
2114 Jan	125	0.0553	0.0123	0.000941	13.6	0.0385	40.8	0.00225	0.000941	0.00000515	0.00711	0.00397	0.0269	0.0256	0.00000572	32.3	0.0000197	0.000474
2114 Feb	135	0.0597	0.0133	0.00102	14.7	0.0416	44.2	0.00244	0.00102	0.00000557	0.00769	0.0043	0.0291	0.0277	0.00000619	35	0.0000213	0.000514
2114 Mar	145	0.0639	0.0143	0.00109	15.8	0.0446	47.5	0.00262	0.00109	0.00000597	0.00823	0.00462	0.0312	0.0296	0.00000663	37.5	0.0000228	0.000551
2114 Apr	152	0.067	0.0149	0.00114	16.5	0.0468	50	0.00276	0.00114	0.00000625	0.00863	0.00486	0.0328	0.031	0.00000695	39.4	0.0000239	0.000578
2114 May	130	0.059	0.0138	0.000989	14.9	0.0392	41.5	0.00232	0.000989	0.0000054	0.00742	0.0041	0.0273	0.0282	0.00000597	34.5	0.0000208	0.000503
2114 Jun	108	0.0501	0.0128	0.000827	13.3	0.0306	32.2	0.00184	0.000826	0.00000448	0.00611	0.00328	0.0212	0.0255	0.00000491	29.5	0.0000176	0.000425
2114 Jul	117	0.0504	0.0129	0.000842	13.5	0.0327	37.1	0.00203	0.000841	0.00000461	0.00627	0.00366	0.0238	0.0259	0.00000512	31.3	0.0000182	0.000454
2114 Aug	124	0.0512	0.0131	0.000859	13.7	0.0344	40.4	0.00216	0.000858	0.00000474	0.00641	0.00392	0.0256	0.0264	0.0000053	32.7	0.0000186	0.000475
2114 Sep	124	0.0516	0.0126	0.000851	13.5	0.035	40.6	0.00216	0.00085	0.0000047	0.00638	0.00392	0.0258	0.0258	0.00000527	32.3	0.0000182	0.00047
2114 Oct	122	0.0527	0.0121	0.000837	13.2	0.0353	40.7	0.00216	0.000837	0.00000464	0.00634	0.00391	0.0257	0.025	0.0000052	31.8	0.0000178	0.000462
2114 Nov	122	0.0548	0.0119	0.000845	13.2	0.0359	40.4	0.00215	0.000844	0.00000467	0.00643	0.00388	0.0256	0.0248	0.00000523	31.6	0.0000178	0.000458
2114 Dec	131	0.0592	0.0128	0.000912	14.3	0.0388	43.6	0.00233	0.000912	0.00000504	0.00695	0.00419	0.0277	0.0268	0.00000565	34.1	0.0000193	0.000495
2115 Jan	138	0.0623	0.0135	0.00096	15	0.0408	46	0.00245	0.00096	0.00000531	0.00731	0.00442	0.0292	0.0282	0.00000595	35.9	0.0000203	0.000521
2115 Feb	150	0.0674	0.0146	0.00104	16.2	0.0442	49.8	0.00265	0.00104	0.00000574	0.00791	0.00478	0.0316	0.0305	0.00000643	38.8	0.0000219	0.000563
2115 Mar	159	0.0714	0.0155	0.0011	17.2	0.0469	52.9	0.00282	0.0011	0.00000609	0.00838	0.00508	0.0335	0.0323	0.00000683	41.2	0.0000232	0.000598
2115 Apr	167	0.0749	0.0162	0.00115	18	0.0492	55.8	0.00297	0.00115	0.00000639	0.00879	0.00535	0.0352	0.0339	0.00000717	43.4	0.0000244	0.000628
2115 May	134	0.0613	0.0139	0.00094	15.1	0.0388	43.7	0.00235	0.000939	0.00000518	0.0071	0.00425	0.0276	0.0286	0.00000578	35.5	0.0000199	0.000511
2115 Jun	117	0.0544	0.0131	0.000832	13.9	0.0328	36.8	0.00201	0.000832	0.00000456	0.00622	0.00364	0.0232	0.0264	0.00000506	31.6	0.0000178	0.000453
2115 Jul	123	0.0542	0.0131	0.000843	13.9	0.0344	39.6	0.00211	0.000842	0.00000465	0.00631	0.00386	0.025	0.0267	0.00000519	32.6	0.0000181	0.00047
2115 Aug	122	0.052	0.0125	0.00083	13.4	0.035	39.9	0.00211	0.00083	0.00000459	0.00617	0.00385	0.0255	0.0257	0.00000515	31.9	0.0000174	0.000462
2115 Sep	125	0.0518	0.0122	0.00083	13.3	0.036	41.8	0.00218	0.000829	0.00000461	0.00616	0.00399	0.0263	0.0253	0.0000052	32.3	0.0000171	0.000468
2115 Oct	128	0.0522	0.0121	0.000827	13.3	0.0366	43.8	0.00226	0.000826	0.00000462	0.00618	0.00414	0.027	0.0252	0.00000524	32.9	0.0000171	0.000475
2115 Nov	127	0.0536	0.0118	0.000825	13.2	0.037	43.6	0.00226	0.000825	0.00000461	0.00621	0.00412	0.0269	0.0248	0.00000522	32.5	0.000017	0.000469
2115 Dec	132	0.0559	0.0122	0.00086	13.7	0.0385	45.4	0.00235	0.000859	0.00000481	0.00647	0.00428	0.028	0.0258	0.00000544	33.9	0.0000177	0.000488
2116 Jan	140	0.0593	0.013	0.000913	14.6	0.0409	48.3	0.0025	0.000912	0.0000051	0.00687	0.00455	0.0297	0.0274	0.00000578	36	0.0000188	0.000519
2116 Feb	148	0.0627	0.0137	0.000965	15.4	0.0433	51.1	0.00264	0.000964	0.00000539	0.00726	0.00482	0.0314	0.0289	0.00000611	38.1	0.0000198	0.000548
2116 Mar	158	0.0665	0.0145	0.00102	16.3	0.0459	54.3	0.00281	0.00102	0.00000572	0.0077	0.00512	0.0334	0.0307	0.00000648	40.4	0.000021	0.000582
2116 Apr	165	0.0697	0.0152	0.00107	17.1	0.0482	57.1	0.00295	0.00107	0.000006	0.00807	0.00538	0.035	0.0321	0.0000068	42.4	0.000022	0.000611
2116 May	149	0.0639	0.0144	0.00098	15.9	0.043	50.4	0.00263	0.00098	0.00000546	0.00734	0.0048	0.0311	0.03	0.00000616	38.7	0.0000202	0.000556
2116 Jun	102	0.046	0.0122	0.000834	12.6	0.0296	29.8	0.00177	0.000833	0.00000449	0.00613	0.00309	0.0201	0.0242	0.00000488	27.8	0.0000177	0.000404
2116 Jul	108	0.0448	0.0121	0.000852	12.5	0.0311	33.5	0.00193	0.000852	0.00000463	0.00632	0.00337	0.0221	0.024	0.00000508	28.8	0.0000184	0.000424
2116 Aug	113	0.0454	0.0122	0.000864	12.6	0.0324	35.8	0.00201	0.000864	0.00000471	0.00642	0.00355	0.0234	0.0243	0.00000521	29.8	0.0000187	0.000439
2116 Sep	112	0.0463	0.0116	0.000849	12.3	0.033	35.8	0.002	0.000849	0.00000464	0.00635	0.00352	0.0236	0.0235	0.00000514	29.2	0.0000181	0.00043
2116 Oct	111	0.0489	0.011	0.000838	12.1	0.0337	36	0.002	0.000837	0.00000459	0.00635	0.00352	0.0236	0.0227	0.00000508	28.7	0.0000177	0.000421
2116 Nov	117	0.052	0.0115	0.000882	12.7	0.0356	37.9	0.00211	0.000881	0.00000483	0.00669	0.00369	0.0248	0.0238	0.00000535	30.1	0.0000185	0.000442
2116 Dec	127	0.0566	0.0125	0.000959	13.9	0.0388	41.2	0.00229	0.000959	0.00000525	0.00728	0.00402	0.027	0.0259	0.00000582	32.8	0.0000202	0.000481
2117 Jan	137	0.061	0.0135	0.00103	14.9	0.0418	44.5	0.00248	0.00103	0.00000566	0.00785	0.00434	0.0291	0.0279	0.00000628	35.4	0.0000218	0.000519
2117 Feb	148	0.0658	0.0146	0.00112	16.1	0.0451	48.2	0.00268	0.00111	0.00000611	0.00847	0.0047	0.0315	0.0301	0.00000677	38.2	0.0000235	0.000561
2117 Mar	157	0.0695	0.0154	0.00118	17	0.0477	51.1	0.00284	0.00118	0.00000646	0.00895	0.00497	0.0333	0.0318	0.00000716	40.4	0.0000248	0.000593
2117 Apr	164	0.0724	0.016	0.00123	17.7	0.0498	53.5	0.00296	0.00123	0.00000673	0.00933	0.0052	0.0348	0.0332	0.00000747	42.2	0.0000258	0.000619
2117 May	143	0.0642	0.0146	0.00108	16	0.043	46.3	0.00258	0.00108	0.00000591	0.00816	0.00454	0.0299	0.03	0.00000654	37.5	0.0000228	0.000547
2117 Jun	112	0.0527	0.0131	0.000871	13.8	0.0321	33.6	0.00194	0.000871	0.00000472	0.00647	0.00343	0.0218	0.0262	0.00000516	30.5	0.0000185	0.000439
2117 Jul	120	0.0531	0.0132	0.000888	13.9	0.0339	37.5	0.0021	0.000887	0.00000485	0.00661	0.00374	0.0238	0.0266	0.00000535	32.1	0.000019	0.000462
2117 Aug	124	0.0528	0.0131	0.000891	13.9	0.0351	39.9	0.00218	0.00089	0.00000489	0.00664	0.00391	0.0251	0.0265	0.00000543	32.7	0.000019	0.000474
2117 Sep	127	0.0533	0.0131	0.000894	13.9	0.036	41.7	0.00225	0.000894	0.00000493	0.00669	0.00405	0.026	0.0266	0.0000055	33.3	0.000019	0.000482
2117 Oct	127	0.0539	0.0128	0.000886	13.8	0.0362	42.2	0.00227	0.000886	0.0000049	0.00666	0.00407	0.026	0.0261	0.00000548	33.2	0.0000188	0.000479

Appendix C.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2117 Nov	130	0.0555	0.013	0.000905	14	0.0371	43.1	0.00232	0.000905	0.00000501	0.00682	0.00416	0.0265	0.0266	0.00000559	33.9	0.0000192	0.000488
2117 Dec	136	0.0583	0.0136	0.000951	14.8	0.039	45.3	0.00244	0.000951	0.00000526	0.00716	0.00437	0.0279	0.0279	0.00000588	35.6	0.0000201	0.000513
2118 Jan	147	0.063	0.0147	0.00103	15.9	0.0421	49	0.00264	0.00103	0.00000568	0.00773	0.00473	0.0301	0.0301	0.00000635	38.5	0.0000217	0.000554
2118 Feb	159	0.0679	0.0159	0.00111	17.2	0.0455	52.9	0.00285	0.00111	0.00000613	0.00834	0.00511	0.0325	0.0325	0.00000685	41.5	0.0000235	0.000598
2118 Mar	170	0.0724	0.0169	0.00118	18.3	0.0485	56.6	0.00304	0.00118	0.00000654	0.0089	0.00546	0.0347	0.0347	0.00000731	44.3	0.000025	0.000639
2118 Apr	174	0.0745	0.0174	0.00121	18.9	0.0496	58	0.00312	0.00121	0.0000067	0.00911	0.00559	0.0355	0.0357	0.00000749	45.6	0.0000256	0.000656
2118 May	139	0.0629	0.0155	0.001	16.4	0.0386	43.5	0.0024	0.001	0.00000548	0.00743	0.00433	0.027	0.0312	0.00000606	37.5	0.0000212	0.000535
2118 Jun	111	0.0545	0.015	0.000883	15.1	0.0296	30.5	0.00182	0.000883	0.00000473	0.00641	0.00327	0.0198	0.0292	0.00000512	31.8	0.0000189	0.000449
2118 Jul	119	0.0547	0.0151	0.000898	15.3	0.0314	34.3	0.00197	0.000897	0.00000485	0.00655	0.00356	0.0219	0.0296	0.0000053	33.2	0.0000195	0.000473
2118 Aug	119	0.0534	0.0146	0.000889	14.9	0.0323	35.1	0.00199	0.000889	0.00000482	0.00647	0.0036	0.0227	0.0288	0.00000529	32.8	0.0000189	0.00047
2118 Sep	116	0.0537	0.0135	0.000864	14.3	0.0329	34.9	0.00196	0.000864	0.00000469	0.00634	0.00353	0.0227	0.0272	0.00000516	31.6	0.000018	0.000453
2118 Oct	112	0.0536	0.0125	0.000826	13.5	0.0326	34.4	0.00192	0.000826	0.0000045	0.00614	0.00345	0.0223	0.0254	0.00000497	30.2	0.0000171	0.000432
2118 Nov	111	0.0538	0.0122	0.000818	13.3	0.0326	34.3	0.00191	0.000818	0.00000446	0.0061	0.00342	0.0221	0.025	0.00000492	29.8	0.0000169	0.000427
2118 Dec	119	0.0576	0.0131	0.000876	14.2	0.0349	36.7	0.00204	0.000875	0.00000478	0.00653	0.00367	0.0237	0.0268	0.00000527	31.9	0.0000181	0.000457
2119 Jan	127	0.0613	0.0139	0.000932	15.2	0.0371	39.2	0.00218	0.000931	0.00000508	0.00695	0.00391	0.0252	0.0285	0.00000561	34	0.0000193	0.000487
2119 Feb	136	0.0653	0.0148	0.000993	16.2	0.0396	42	0.00233	0.000993	0.00000542	0.00741	0.00418	0.027	0.0304	0.00000599	36.3	0.0000205	0.00052
2119 Mar	143	0.0686	0.0156	0.00104	17	0.0417	44.2	0.00245	0.00104	0.0000057	0.00779	0.0044	0.0284	0.0319	0.00000629	38.2	0.0000216	0.000547
2119 Apr	142	0.0685	0.0157	0.00103	17	0.041	43.9	0.00243	0.00103	0.00000562	0.00767	0.00438	0.028	0.032	0.00000621	38.2	0.0000213	0.000545
2119 May	108	0.0576	0.0146	0.00082	15.1	0.0293	29.7	0.00172	0.00082	0.00000441	0.00594	0.00316	0.0191	0.0289	0.00000478	31.2	0.0000171	0.000435
2119 Jun	107	0.0563	0.0148	0.000821	15.1	0.0285	29.1	0.0017	0.00082	0.0000044	0.00593	0.00312	0.0188	0.029	0.00000477	31.1	0.0000173	0.000434
2119 Jul	116	0.0561	0.0148	0.000832	15.1	0.0302	33.2	0.00186	0.000832	0.00000451	0.00606	0.00344	0.021	0.0292	0.00000495	32.5	0.0000178	0.000458
2119 Aug	118	0.0559	0.0146	0.000838	15.1	0.0314	34.5	0.00191	0.000838	0.00000456	0.0061	0.00353	0.022	0.029	0.00000502	32.8	0.0000177	0.000464
2119 Sep	118	0.0556	0.014	0.000828	14.7	0.0321	35.3	0.00194	0.000827	0.00000452	0.00604	0.00356	0.0224	0.028	0.00000499	32.3	0.0000172	0.000459
2119 Oct	119	0.0566	0.0135	0.00082	14.4	0.0329	36.5	0.00198	0.00082	0.00000449	0.00606	0.00363	0.0229	0.0273	0.00000498	32.2	0.000017	0.000456
2119 Nov	125	0.06	0.0139	0.000859	15	0.0348	38.6	0.00209	0.000859	0.00000472	0.00637	0.00383	0.0241	0.0284	0.00000523	33.8	0.0000178	0.000478
2119 Dec	136	0.0648	0.0151	0.000929	16.3	0.0377	42	0.00227	0.000929	0.0000051	0.00689	0.00416	0.0262	0.0307	0.00000566	36.6	0.0000193	0.000517

Appendix C.2-1: CP1

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000193	0.00137	0.0498	0.00000892	5.89	8.58	0.12	0.001	109	0.00478	0.0174	0.0000858	0.00059	0.000235	0.52	0.0000188	0.000889	0.000545	0.00202	0.000842
Operation (2024-2031): Mean	0.00118	0.00642	0.141	0.0000299	66.1	119	1.4	0.00738	1170	0.0388	2.17	0.000367	0.0029	0.00183	4.35	0.000216	0.00778	0.00276	0.00824	0.00569
Operation (2024-2031): Max	0.00269	0.013	0.259	0.000142	175	315	3.83	0.0257	3050	0.0936	16.6	0.0011	0.00855	0.00413	10.3	0.000591	0.0193	0.00775	0.0203	0.013
Active Closure (2032-2038): Mean	0.000469	0.00273	0.185	0.0000191	11.7	18	0.18	0.00218	162	0.0082	0.0257	0.000253	0.00109	0.000504	0.693	0.0000186	0.00176	0.00101	0.00333	0.00126
Active Closure (2032-2038): Max	0.00165	0.0109	0.771	0.0000907	79.3	156	1.78	0.00849	1450	0.0478	0.131	0.000921	0.00579	0.00215	4.91	0.000246	0.00791	0.00452	0.0171	0.00626
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000105	0.000652	0.0784	0.0000086	1.26	1.62	0.0167	0.000223	3.85	0.00117	0.00812	0.000042	0.000213	0.0000609	0.0664	0.00000194	0.000156	0.000438	0.00142	0.0000818
Post Closure (2039-2119): Mean	0.000328	0.00105	0.137	0.0000121	3.93	4.59	0.0668	0.0026	7.68	0.00199	0.0123	0.000376	0.000392	0.000234	0.19	0.00000945	0.000464	0.000756	0.00203	0.000853
Post Closure (2039-2119): Max	0.000601	0.00185	0.23	0.0000215	7.14	7.91	0.121	0.00464	37.7	0.00396	0.0183	0.000751	0.000832	0.000393	0.342	0.0000171	0.0013	0.00129	0.00332	0.00164
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan	0.00197	0.011	0.083	0.000119	105	195	1.95	0.0216	1650	0.0585	9.66	0.000627	0.00718	0.00296	8.32	0.000496	0.0162	0.00651	0.0171	0.00591
2024 Feb	0.00235	0.013	0.0988	0.000142	125	233	2.32	0.0257	1960	0.0697	13.1	0.000747	0.00855	0.00352	9.9	0.000591	0.0193	0.00775	0.0203	0.00703
2024 Mar	0.00235	0.013	0.0988	0.000142	125	233	2.32	0.0257	1960	0.0697	14.8	0.000747	0.00855	0.00352	9.9	0.00059	0.0193	0.00774	0.0203	0.00703
2024 Apr	0.00235	0.013	0.0988	0.000142	125	233	2.32	0.0257	1960	0.0697	16.6	0.000747	0.00855	0.00352	9.9	0.000591	0.0193	0.00775	0.0203	0.00703
2024 May	0.00174	0.00971	0.0819	0.000102	93	167	1.75	0.0187	1480	0.0521	12.7	0.000579	0.00624	0.00258	7.66	0.000452	0.0144	0.00558	0.0151	0.00591
2024 Jun	0.000433	0.00215	0.073	0.0000148	19.2	25.3	0.455	0.00274	338	0.0115	1.04	0.000293	0.000953	0.000455	2.22	0.000124	0.00275	0.000969	0.0035	0.00224
2024 Jul	0.000491	0.00232	0.0804	0.0000147	22.3	32.6	0.51	0.00287	388	0.0131	0.93	0.000323	0.00105	0.000554	2.15	0.000115	0.00301	0.00113	0.00363	0.00238
2024 Aug	0.000563	0.0026	0.0796	0.000015	27.8	44.6	0.626	0.00319	481	0.016	0.911	0.000334	0.00118	0.0007	2.25	0.000118	0.00351	0.00132	0.00391	0.00265
2024 Sep	0.000656	0.003	0.0723	0.0000145	36.7	63.7	0.799	0.00369	630	0.0205	0.81	0.000323	0.0014	0.000942	2.39	0.00012	0.00433	0.00155	0.00424	0.00305
2024 Oct	0.000819	0.0037	0.0726	0.000015	50.9	92.9	1.09	0.00451	869	0.0277	1.11	0.000347	0.00171	0.00129	2.85	0.000139	0.00558	0.00195	0.00509	0.0037
2024 Nov	0.000761	0.0035	0.0661	0.000014	48.3	87	1.06	0.00419	831	0.0263	1.52	0.000316	0.00154	0.00118	2.91	0.000146	0.00524	0.00178	0.00492	0.0036
2024 Dec	0.00221	0.0102	0.192	0.0000405	141	254	3.09	0.0122	2420	0.0767	5.91	0.000918	0.00446	0.00344	8.43	0.000424	0.0152	0.00517	0.0143	0.0104
2025 Jan	0.00265	0.0122	0.23	0.0000485	168	304	3.7	0.0146	2900	0.0918	8.75	0.0011	0.00534	0.00413	10.1	0.000508	0.0182	0.00619	0.0171	0.0125
2025 Feb	0.00265	0.0122	0.23	0.0000485	168	304	3.7	0.0146	2900	0.0918	10.5	0.0011	0.00534	0.00413	10.1	0.000508	0.0182	0.00619	0.0171	0.0125
2025 Mar	0.00265	0.0122	0.23	0.0000485	168	304	3.7	0.0146	2900	0.0918	12.2	0.0011	0.00534	0.00413	10.1	0.000508	0.0182	0.00619	0.0171	0.0125
2025 Apr	0.00265	0.0122	0.23	0.0000485	168	304	3.7	0.0146	2900	0.0918	13.9	0.0011	0.00534	0.00413	10.1	0.000508	0.0182	0.00619	0.0171	0.0125
2025 May	0.00261	0.0122	0.221	0.0000489	166	293	3.61	0.015	2860	0.0907	14.8	0.00106	0.00552	0.00409	10.3	0.000515	0.0186	0.00602	0.017	0.013
2025 Jun	0.00101	0.00487	0.0918	0.0000194	61.8	104	1.29	0.00602	1070	0.0341	4.32	0.000373	0.00241	0.00159	4	0.000194	0.00737	0.0024	0.00685	0.00535
2025 Jul	0.000392	0.00207	0.0564	0.000011	22.2	32.6	0.484	0.00235	398	0.0127	0.697	0.00015	0.000921	0.00054	1.89	0.0000973	0.00279	0.00101	0.00351	0.00247
2025 Aug	0.000316	0.00166	0.0651	0.000011	15.9	25.5	0.329	0.00174	275	0.00904	0.365	0.000109	0.000627	0.000412	1.11	0.0000541	0.00187	0.000766	0.00264	0.00153
2025 Sep	0.000424	0.0021	0.0626	0.0000113	22.3	38.2	0.415	0.00249	378	0.0123	0.279	0.000118	0.001	0.000642	1.14	0.0000469	0.00272	0.00106	0.00287	0.00194
2025 Oct	0.000545	0.00253	0.0513	0.0000103	32.7	57.5	0.676	0.00297	567	0.0176	0.481	0.000151	0.0011	0.000824	1.87	0.0000889	0.00355	0.00137	0.00362	0.00262
2025 Nov	0.00093	0.00429	0.0764	0.000016	60.3	108	1.32	0.00483	1050	0.0323	1.35	0.000268	0.00164	0.00141	3.6	0.000182	0.0061	0.00226	0.00635	0.00452
2025 Dec	0.00266	0.0122	0.217	0.0000454	173	312	3.78	0.0138	3010	0.0925	5.4	0.000767	0.00468	0.00405	10.2	0.000517	0.0174	0.00647	0.0181	0.0128
2026 Jan	0.00269	0.0124	0.219	0.0000459	175	315	3.83	0.0139	3050	0.0936	7.24	0.000775	0.00473	0.0041	10.3	0.000523	0.0176	0.00655	0.0183	0.013
2026 Feb	0.00269	0.0124	0.219	0.0000459	175	315	3.83	0.0139	3050	0.0936	8.94	0.000775	0.00473	0.0041	10.3	0.000523	0.0176	0.00655	0.0183	0.013
2026 Mar	0.00269	0.0124	0.219	0.0000459	175	315	3.83	0.0139	3050	0.0936	10.6	0.000775	0.00473	0.0041	10.3	0.000523	0.0176	0.00655	0.0183	0.013
2026 Apr	0.00269	0.0124	0.219	0.0000459	175	315	3.83	0.0139	3050	0.0936	12.4	0.000775	0.00473	0.0041	10.3	0.000523	0.0176	0.00655	0.0183	0.013
2026 May	0.00196	0.00954	0.145	0.0000343	128	210	2.64	0.0124	2200	0.0685	8.63	0.000538	0.00459	0.0032	8.34	0.000401	0.0154	0.00448	0.0134	0.0111
2026 Jun	0.000397	0.00228	0.0498	0.00000892	22.3	29.4	0.447	0.00285	393	0.0132	0.709	0.000148	0.00129	0.000646	1.98	0.0000936	0.00335	0.000847	0.00313	0.00271
2026 Jul	0.000324	0.00185	0.077	0.0000106	14.1	21.7	0.27	0.00194	245	0.00879	0.273	0.000158	0.000911	0.000457	1.01	0.0000436	0.00203	0.000764	0.00257	0.0016
2026 Aug	0.000272	0.00161	0.0775	0.0000109	11.5	20.7	0.213	0.0015	192	0.00711	0.0977	0.000107	0.000639	0.000385	0.571	0.0000214	0.00143	0.000564	0.00202	0.00101
2026 Sep	0.000452	0.00248	0.0863	0.0000116	18.7	33.2	0.326	0.00271	323	0.0119	0.128	0.00019	0.00136	0.000707	0.937	0.0000293	0.00272	0.000999	0.00266	0.00195
2026 Oct	0.00104	0.00648	0.125	0.0000224	48.5	83.8	0.818	0.00784	879	0.032	0.124	0.000235	0.00397	0.00193	2.79	0.0000922	0.00781	0.00227	0.00596	0.006
2026 Nov	0.00176	0.0108	0.208	0.0000369	84.1	149	1.44	0.013	1520	0.0547	0.202	0.000402	0.00652	0.00325	4.64	0.000155	0.0131	0.00386	0.01	0.00986
2026 Dec	0.00176	0.0108	0.208	0.0000369	84.4	149	1.45	0.013	1520	0.0548	0.202	0.000403	0.00652	0.00326	4.64	0.000155	0.0131	0.00387	0.01	0.00986
2027 Jan	0.00176	0.0108	0.208	0.0000369	84.4	149	1.45	0.013	1520	0.0548	0.202	0.000403	0.00652	0.00326	4.64	0.000155	0.0131	0.00387	0.01	0.00986
2027 Feb	0.00176	0.0108	0.208	0.0000369	84.4	149	1.45	0.013	1520	0.0548	0.202	0.000403	0.00652	0.00326	4.64	0.000155	0.0131	0.00387	0.01	0.00986
2027 Mar	0.00176	0.0108	0.208	0.0000369	84.4	149	1.45	0.013	1520	0.0548	0.202	0.000403	0.00652	0.00326	4.64	0.000155	0.0131	0.00387	0.01	0.00986
2027 Apr	0.00176	0.0108	0.208	0.0000369	84.4	149	1.45	0.013	1520	0.0548	0.202	0.000403	0.00652	0.00326	4.64	0.000155	0.0131	0.00387	0.01	0.00986
2027 May	0.00158	0.00966	0.188	0.0000331	75.7	134	1.3	0.0116	1370	0.0492	0.182	0.000371	0.00582	0.00291	4.21	0.000142	0.0117	0.00347	0.00902	0.00886
2027 Jun	0.00038	0.00248	0.0685	0.0000102	15.4	22.9	0.306	0.00252	301	0.0113	0.0463	0.000148	0.00142	0.000607	1.47	0.0000649	0.0025	0.000883	0.0031	0.00236
2027 Jul	0.00022	0.00142	0.0904	0.0000114	5.89	8.58	0.12	0.001	109	0.00478	0.0224	0.000146	0.000598	0.000236	0.569	0.000026	0.000889	0.000593	0.00238	0.000919
2027 Aug	0.000452	0.00221	0.197	0.0000196	7.25	12.5	0.15	0.00126	116	0.00596	0.0253	0.000417	0.000767	0.000327	0.52	0.0000188	0.000945	0.00111	0.00363	0.000842
2027 Sep	0.000411	0.00231	0.0978	0.0000104	11.8	21.9	0.208	0.00208	222	0.00905	0.0174	0.000223	0.00122	0.000559	0.714	0.0000208	0.00181	0.000907	0.00234	0.00155
2027 Oct	0.000661	0.00378	0.113	0.0000149	33.9	62.5	0.708	0.00368	601	0.0206	0.0522	0.00019	0.0016	0.00103	2.04	0.0000911	0.00386	0.00142	0.00424	0.00288
2027 Nov	0.000696	0.00391	0.113	0.0000155	38.7	70.6	0.846	0.00378	686	0.0228	0.0662	0.000201	0.00149	0.00106	2.48	0.00012	0.00415	0.00148	0.00472	0.00315
2027 Dec	0.00124	0.00694	0.199	0.0000274	69.7	128	1.53	0.00671	1230	0.041	0.118	0.00036	0.00263	0.00189	4.43	0.000215	0.00742	0.00264	0.00842	0.0056
2028 Jan	0.00124	0.00695	0.199	0.0000274	69.8	128	1.53	0.00671	1240	0.041	0.118	0.00036	0.00263	0.00189	4.43	0.000215	0.00743	0.00264	0.00842	0.0056
2028 Feb	0.00124	0.00695	0.199	0.0000274	69.8	128	1.53	0.00671	1240	0.041	0.118	0.00036	0.00263	0.00189	4.43	0.000215	0.00743	0.00264	0.00842	0.0056
2028 Mar	0.00124	0.00695	0.199	0.0000274	69.8	128	1.53	0.00671	1240	0.041	0.118	0.00036	0.00263	0.00189	4.43	0.000215	0.00743	0.00264	0.00842	0.0056
2028 Apr	0.00124	0.00695	0.199	0.0000274	69.8	128	1.53	0.00671	1240	0.041	0.118	0.00036	0.00263	0.00189	4.43	0.000215	0.00743	0.00264	0.00842	0.0056
2028 May	0.00124	0.00695	0.199	0.0000274	69.8	128	1.53	0.00671	1240	0.041	0.118	0.000361	0.00263	0.00189	4.43	0.000215	0.00743	0.00264	0.00842	0.0056
2028 Jun	0.000378	0.00248	0.0802	0.0000119	16.4	26.9	0.343	0.00237	314	0.0115	0.04	0.000127	0.0012	0.000573	1.39	0.0000648	0.00226	0.000918	0.00329	0.00211

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Jul	0.000208	0.00143	0.0756	0.0000114	6.52	9.61	0.131	0.00116	129	0.00536	0.0222	0.000103	0.000658	0.000257	0.607	0.0000284	0.001	0.000644	0.00247	0.00112
2028 Aug	0.000363	0.00246	0.0836	0.0000137	12.6	23	0.22	0.00229	253	0.0102	0.0198	0.00012	0.00134	0.000589	0.738	0.0000243	0.00195	0.000967	0.00296	0.00191
2028 Sep	0.000444	0.00308	0.0765	0.0000136	15.8	31	0.285	0.00299	331	0.0131	0.0228	0.0000897	0.0016	0.000744	0.922	0.000031	0.00239	0.00106	0.00291	0.00244
2028 Oct	0.000505	0.00333	0.0792	0.0000128	22.3	44	0.477	0.00314	447	0.0161	0.0417	0.0000959	0.00141	0.000789	1.51	0.0000697	0.00268	0.00111	0.00337	0.00262
2028 Nov	0.00117	0.00742	0.173	0.0000285	59.6	114	1.33	0.007	1150	0.0397	0.118	0.000249	0.00287	0.0018	4.22	0.00021	0.00662	0.00252	0.00827	0.00619
2028 Dec	0.00176	0.0111	0.259	0.0000427	89.7	171	2	0.0105	1740	0.0597	0.177	0.000375	0.0043	0.00271	6.32	0.000315	0.00995	0.00379	0.0124	0.00928
2029 Jan	0.00176	0.0111	0.259	0.0000427	89.8	171	2	0.0105	1740	0.0597	0.177	0.000375	0.0043	0.00271	6.32	0.000315	0.00995	0.00379	0.0124	0.00928
2029 Feb	0.00176	0.0111	0.259	0.0000427	89.8	171	2	0.0105	1740	0.0597	0.177	0.000375	0.0043	0.00271	6.32	0.000315	0.00995	0.00379	0.0124	0.00928
2029 Mar	0.00176	0.0111	0.259	0.0000427	89.8	171	2	0.0105	1740	0.0597	0.177	0.000375	0.0043	0.00271	6.32	0.000315	0.00995	0.00379	0.0124	0.00928
2029 Apr	0.00176	0.0111	0.259	0.0000427	89.8	171	2	0.0105	1740	0.0597	0.177	0.000375	0.0043	0.00271	6.32	0.000315	0.00995	0.00379	0.0124	0.00928
2029 May	0.00174	0.011	0.256	0.0000422	88.5	169	1.98	0.0104	1710	0.0589	0.175	0.000371	0.00424	0.00267	6.24	0.000311	0.00982	0.00374	0.0122	0.00916
2029 Jun	0.00061	0.0042	0.0907	0.0000133	23.5	43.4	0.448	0.0041	483	0.0185	0.0439	0.00015	0.00236	0.00106	1.82	0.0000716	0.0036	0.00136	0.00407	0.00345
2029 Jul	0.000193	0.00137	0.0736	0.0000107	6.3	8.81	0.131	0.00108	124	0.00504	0.0234	0.0000993	0.00059	0.000235	0.649	0.0000315	0.000984	0.000545	0.00229	0.00107
2029 Aug	0.000244	0.00167	0.0775	0.0000117	8.87	15.5	0.167	0.00142	169	0.00666	0.0195	0.000104	0.000749	0.000349	0.593	0.0000246	0.00128	0.000635	0.00233	0.00123
2029 Sep	0.000379	0.00254	0.0759	0.0000118	16.1	29.1	0.277	0.00254	300	0.0113	0.0213	0.0000895	0.00135	0.00066	0.894	0.0000297	0.00237	0.000864	0.00259	0.00196
2029 Oct	0.000415	0.00256	0.0751	0.0000112	22.1	38	0.458	0.00255	396	0.0136	0.0403	0.000101	0.00108	0.000661	1.5	0.0000693	0.00268	0.000876	0.00298	0.00212
2029 Nov	0.000978	0.00553	0.136	0.0000223	61.4	106	1.42	0.00541	1100	0.0354	0.127	0.000267	0.00185	0.00147	4.57	0.00024	0.00643	0.00202	0.00749	0.00525
2029 Dec	0.00136	0.00763	0.186	0.0000306	86	150	1.99	0.00746	1530	0.0493	0.173	0.000372	0.00255	0.00205	6.26	0.000328	0.00892	0.00282	0.0103	0.0072
2030 Jan	0.00136	0.00763	0.186	0.0000306	86.1	150	1.99	0.00747	1540	0.0494	0.173	0.000373	0.00255	0.00206	6.26	0.000328	0.00893	0.00283	0.0103	0.0072
2030 Feb	0.00136	0.00763	0.186	0.0000306	86.1	150	1.99	0.00747	1540	0.0494	0.173	0.000373	0.00255	0.00206	6.26	0.000328	0.00893	0.00283	0.0103	0.0072
2030 Mar	0.00136	0.00763	0.186	0.0000306	86.1	150	1.99	0.00747	1540	0.0494	0.173	0.000373	0.00255	0.00206	6.26	0.000328	0.00893	0.00283	0.0103	0.0072
2030 Apr	0.00136	0.00763	0.186	0.0000306	86.1	150	1.99	0.00747	1540	0.0494	0.173	0.000373	0.00255	0.00206	6.26	0.000328	0.00893	0.00283	0.0103	0.0072
2030 May	0.00136	0.00763	0.186	0.0000306	86.1	150	1.99	0.00747	1540	0.0494	0.173	0.000373	0.00255	0.00206	6.26	0.000328	0.00893	0.00283	0.0103	0.0072
2030 Jun	0.000409	0.00276	0.0711	0.0000117	20.4	31.4	0.443	0.00275	391	0.0137	0.0539	0.000115	0.00131	0.000648	1.91	0.0000935	0.00279	0.000917	0.00362	0.00263
2030 Jul	0.000208	0.00146	0.0732	0.0000108	7.07	10.6	0.148	0.00116	138	0.00559	0.0239	0.0000948	0.000647	0.000265	0.684	0.0000327	0.00104	0.000595	0.0024	0.00113
2030 Aug	0.000306	0.00204	0.08	0.0000115	12.1	21.3	0.215	0.00185	223	0.00871	0.0201	0.000114	0.00108	0.000496	0.738	0.0000266	0.00174	0.000786	0.00264	0.00147
2030 Sep	0.000462	0.00311	0.0795	0.0000131	19.4	33.9	0.306	0.00322	361	0.0141	0.0194	0.000117	0.00192	0.000877	1.02	0.0000266	0.00308	0.0011	0.00306	0.00253
2030 Oct	0.000399	0.00237	0.0638	0.0000101	22	40.6	0.493	0.00226	402	0.0135	0.0412	0.000105	0.000878	0.000609	1.49	0.0000744	0.00238	0.000855	0.00292	0.00198
2030 Nov	0.000967	0.00526	0.117	0.0000203	62.4	114	1.47	0.00505	1120	0.0358	0.12	0.000276	0.00165	0.00146	4.36	0.000233	0.00609	0.00205	0.00727	0.00495
2030 Dec	0.00117	0.00633	0.139	0.0000243	75.8	139	1.79	0.00608	1360	0.0433	0.143	0.000334	0.00198	0.00177	5.22	0.000279	0.00736	0.00249	0.00875	0.00593
2031 Jan	0.00117	0.00633	0.139	0.0000243	75.9	139	1.79	0.00609	1360	0.0433	0.143	0.000334	0.00199	0.00177	5.23	0.000279	0.00736	0.0025	0.00875	0.00593
2031 Feb	0.00117	0.00633	0.139	0.0000243	75.9	139	1.79	0.00609	1360	0.0433	0.143	0.000334	0.00199	0.00177	5.23	0.000279	0.00736	0.0025	0.00875	0.00593
2031 Mar	0.00117	0.00633	0.139	0.0000243	75.9	139	1.79	0.00609	1360	0.0433	0.143	0.000334	0.00199	0.00177	5.23	0.000279	0.00736	0.0025	0.00875	0.00593
2031 Apr	0.00117	0.00633	0.139	0.0000243	75.9	139	1.79	0.00609	1360	0.0433	0.143	0.000334	0.00199	0.00177	5.23	0.000279	0.00736	0.0025	0.00875	0.00593
2031 May	0.000833	0.00445	0.105	0.0000173	52.7	95	1.26	0.00424	950	0.0302	0.106	0.000272	0.00136	0.00121	3.83	0.000206	0.00516	0.00174	0.00625	0.00426
2031 Jun	0.000417	0.00174	0.111	0.00000923	11.5	15.6	0.296	0.00137	210	0.00767	0.0407	0.00039	0.000622	0.000325	1.31	0.000067	0.00147	0.000832	0.00254	0.0015
2031 Jul	0.000458	0.00181	0.14	0.0000111	8.26	13	0.202	0.00127	149	0.00632	0.0263	0.000466	0.000695	0.000324	0.793	0.0000349	0.00114	0.000975	0.00241	0.00118
2031 Aug	0.000505	0.00298	0.0956	0.0000128	17.9	34.1	0.329	0.0028	341	0.0133	0.0225	0.000234	0.0016	0.000779	1.01	0.0000332	0.00258	0.00111	0.00291	0.00232
2031 Sep	0.000466	0.00327	0.0703	0.0000111	17	33.2	0.294	0.00322	346	0.0138	0.0233	0.0000858	0.00187	0.000845	1.09	0.0000343	0.00272	0.00101	0.0028	0.00254
2031 Oct	0.000554	0.00339	0.0862	0.0000125	28.9	56.1	0.645	0.0031	538	0.0184	0.0531	0.000124	0.00131	0.00086	1.95	0.0000953	0.0031	0.00117	0.00384	0.00265
2031 Nov	0.00133	0.00767	0.188	0.0000278	76.4	150	1.72	0.00707	1390	0.0461	0.128	0.000321	0.00279	0.00208	4.76	0.000239	0.00764	0.00286	0.00917	0.00608
2031 Dec	0.00137	0.00792	0.193	0.0000286	79.3	156	1.78	0.0073	1440	0.0478	0.131	0.000332	0.00287	0.00215	4.91	0.000246	0.00791	0.00296	0.00947	0.00626
2032 Jan	0.00137	0.00792	0.193	0.0000286	79.3	156	1.78	0.0073	1450	0.0478	0.131	0.000333	0.00287	0.00215	4.91	0.000246	0.00791	0.00296	0.00947	0.00626
2032 Feb	0.00137	0.00792	0.193	0.0000286	79.3	156	1.78	0.0073	1450	0.0478	0.131	0.000333	0.00287	0.00215	4.91	0.000246	0.00791	0.00296	0.00947	0.00626
2032 Mar	0.00137	0.00792	0.193	0.0000286	79.3	156	1.78	0.0073	1450	0.0478	0.131	0.000333	0.00287	0.00215	4.91	0.000246	0.00791	0.00296	0.00947	0.00626
2032 Apr	0.00137	0.00792	0.193	0.0000286	79.3	156	1.78	0.0073	1450	0.0478	0.131	0.000333	0.00287	0.00215	4.91	0.000246	0.00791	0.00296	0.00947	0.00626
2032 May	0.00126	0.0072	0.18	0.0000262	71.9	142	1.62	0.00662	1310	0.0434	0.119	0.000323	0.00261	0.00195	4.45	0.000223	0.00717	0.00272	0.00862	0.00567
2032 Jun	0.000252	0.00143	0.0826	0.00000925	7.84	11.6	0.118	0.00124	126	0.00551	0.0124	0.000156	0.000883	0.000354	0.454	0.0000115	0.00127	0.000721	0.00223	0.000894
2032 Jul	0.000141	0.000842	0.0809	0.0000093	2.56	3.27	0.0321	0.000464	31.4	0.00212	0.00869	0.000117	0.000428	0.000135	0.144	0.00000259	0.000422	0.000512	0.00194	0.000267
2032 Aug	0.000149	0.000932	0.0812	0.0000094	2.91	3.6	0.0325	0.000584	36.1	0.00236	0.00862	0.000109	0.000461	0.000158	0.163	0.00000237	0.000511	0.000471	0.00184	0.00033
2032 Sep	0.000162	0.00104	0.0815	0.00000957	3.49	4.22	0.036	0.000741	44.6	0.00277	0.00871	0.000104	0.000532	0.000191	0.195	0.00000235	0.000644	0.000468	0.00182	0.000425
2032 Oct	0.000181	0.00119	0.0831	0.00000982	4.34	5.18	0.0425	0.000936	57.9	0.00337	0.00895	0.000103	0.000655	0.00024	0.241	0.00000247	0.000839	0.000503	0.00189	0.000563
2032 Nov	0.000203	0.00133	0.0937	0.0000111	4.81	5.75	0.047	0.00104	63.9	0.00374	0.0101	0.000114	0.000722	0.000266	0.268	0.00000277	0.000926	0.000559	0.0021	0.000621
2032 Dec	0.000279	0.00184	0.131	0.0000154	6.57	7.86	0.0641	0.00144	86.9	0.00511	0.0141	0.000156	0.00098	0.000362	0.366	0.00000383	0.00126	0.000765	0.00289	0.000842
2033 Jan	0.000751	0.00495	0.351	0.0000413	17.7	21.1	0.172	0.00387	234	0.0137	0.038	0.000419	0.00264	0.000972	0.983	0.0000103	0.00339	0.00206	0.00778	0.00226
2033 Feb	0.00165	0.0109	0.771	0.0000907	38.8	46.4	0.379	0.00849	513	0.0301	0.0835	0.000921	0.00579	0.00214	2.16	0.0000226	0.00744	0.00452	0.0171	0.00497
2033 Mar	0.00165	0.0109	0.771	0.0000907	38.8	46.4	0.379	0.00849	513	0.0301	0.0835	0.000921	0.00579	0.00214	2.16	0.0000226	0.00744	0.00452	0.0171	0.00497
2033 Apr	0.00165	0.0109	0.771	0.0000907	38.8	46.4	0.379	0.00849	513	0.0301	0.0835	0.000921	0.00579	0.00214	2.16	0.0000226	0.00744	0.00452	0.0171	0.00497
2033 May	0.00089	0.00538	0.404	0.0000448	18.8	22.9	0.198	0.00408	246	0.0147	0.0416	0.000591	0.00279	0.00104	1.06	0.0000111	0.00356	0.00236	0.00843	0.00237
2033 Jun	0.000372	0.00128	0.129	0.00000866	4.49	6.03	0.0758	0.000856	53.5	0.00344	0.0087	0.000426	0.000655	0.000258	0.271	0.0000021	0.000805	0.000836	0.00176	0.000549
2033 Jul	0.000403	0.00124	0.148	0.00000938	3.7	5.33	0.0767	0.000669	39.2	0.00291	0.00963	0.000499	0.000529	0.000213	0.234	0.00000212	0.00059	0.000895	0.00184	0.000389
2033 Aug	0.000423	0.0013	0.158	0.00001	3.75	5.45	0.0795	0.000677	38.4	0.00296	0.0103	0.000527	0.000528	0.000216	0.238	0.00000224	0.000583	0.000924	0.00191	0.000383
2033 Sep	0.000362	0.00153	0.127	0.00000988	5.53	7.1	0.0756	0.00119	65.7	0.00418	0.00983	0.000347	0.000767	0.000313	0.325	0.00000241	0.00104	0.000759	0.00179	0.000728
2033 Oct	0.000273	0.00156	0.0976	0.00000927	5.87	7.18	0.0598	0.00141	72.6	0.00436	0.00965	0.000158	0.000788	0.000325	0.335	0.00000234	0.00118	0.000546	0.00152	0.000827
2033 Nov	0.000597	0.00345	0.224	0.0000216	12.4	15.3	0.126	0.00306	151	0.00927	0.0227	0.000332	0.00164	0.000682	0.711	0.00000532	0.00246	0.00118	0.00341	0.00171
2033 Dec	0.0014	0.0081	0.526	0.0000506	29.1	35.9	0.296	0.00719	355	0.0217	0.0532	0.000779	0.00384	0.0016	1.67	0.0000125	0.00576	0.00276	0.00801	0.00402
2034 Jan	0.0014	0.0081	0.526	0.0000506	29.1	35.9	0.296	0.00719	355	0.0217	0.0532	0.000779	0.00384	0.0016	1.67	0.0000125	0.00576	0.00276	0.00801	0.00402

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Feb	0.0014	0.0081	0.526	0.0000506	29.1	35.9	0.296	0.00719	355	0.0217	0.0532	0.000779	0.00384	0.0016	1.67	0.0000125	0.00576	0.00276	0.00801	0.00402
2034 Mar	0.0014	0.0081	0.526	0.0000506	29.1	35.9	0.296	0.00719	355	0.0217	0.0532	0.000779	0.00384	0.0016	1.67	0.0000125	0.00576	0.00276	0.00801	0.00402
2034 Apr	0.0014	0.0081	0.526	0.0000506	29.1	35.9	0.296	0.00719	355	0.0217	0.0532	0.000779	0.00384	0.0016	1.67	0.0000125	0.00576	0.00276	0.00801	0.00402
2034 May	0.000861	0.00462	0.322	0.0000292	16.3	20.3	0.178	0.00397	196	0.0122	0.0308	0.000565	0.00214	0.000896	0.94	0.00000713	0.00317	0.0017	0.00465	0.0022
2034 Jun	0.000415	0.00144	0.147	0.00000968	4.67	6.41	0.0809	0.000953	50.7	0.00358	0.0102	0.000465	0.000644	0.000265	0.286	0.00000226	0.000815	0.000886	0.00181	0.000561
2034 Jul	0.000346	0.00123	0.137	0.00000975	3.36	4.8	0.0632	0.000698	32.2	0.00266	0.0102	0.000391	0.000454	0.000188	0.211	0.00000215	0.000532	0.000753	0.00173	0.000353
2034 Aug	0.000376	0.00147	0.142	0.0000105	4.68	6.28	0.0734	0.00099	48.6	0.0036	0.0108	0.000394	0.000644	0.000263	0.282	0.00000243	0.000826	0.000806	0.00188	0.000578
2034 Sep	0.000281	0.00185	0.0941	0.0000101	7.56	8.98	0.0668	0.00184	87.7	0.00556	0.0104	0.000099	0.00102	0.000418	0.424	0.00000266	0.00157	0.000552	0.00165	0.00116
2034 Oct	0.000157	0.00118	0.0988	0.0000106	2.16	3	0.0179	0.000817	17.1	0.00174	0.0121	0.0000235	0.00017	0.0000987	0.131	0.00000222	0.000318	0.000253	0.00124	0.000176
2034 Nov	0.000156	0.00118	0.106	0.0000113	1.74	2.56	0.0144	0.000753	10.8	0.00145	0.0129	0.0000231	0.0000933	0.000072	0.109	0.00000231	0.000205	0.000244	0.00128	0.0000835
2034 Dec	0.000156	0.00118	0.106	0.0000113	1.74	2.56	0.0144	0.000753	10.8	0.00145	0.0129	0.0000231	0.0000933	0.000072	0.109	0.00000231	0.000205	0.000244	0.00128	0.0000835
2035 Jan	0.000156	0.00118	0.106	0.0000113	1.74	2.56	0.0144	0.000753	10.8	0.00145	0.0129	0.0000231	0.0000933	0.000072	0.109	0.00000231	0.000205	0.000244	0.00128	0.0000835
2035 Feb	0.000156	0.00118	0.106	0.0000113	1.74	2.56	0.0144	0.000753	10.8	0.00145	0.0129	0.0000231	0.0000933	0.000072	0.109	0.00000231	0.000205	0.000244	0.00128	0.0000835
2035 Mar	0.000156	0.00118	0.106	0.0000113	1.74	2.56	0.0144	0.000753	10.8	0.00145	0.0129	0.0000231	0.0000933	0.000072	0.109	0.00000231	0.000205	0.000244	0.00128	0.0000835
2035 Apr	0.000156	0.00118	0.106	0.0000113	1.74	2.56	0.0144	0.000753	10.8	0.00145	0.0129	0.0000231	0.0000933	0.000072	0.109	0.00000231	0.000205	0.000244	0.00128	0.0000835
2035 May	0.000194	0.00113	0.112	0.0000106	1.69	2.63	0.0226	0.000665	10	0.00142	0.0122	0.000108	0.000101	0.0000739	0.11	0.00000217	0.000183	0.00033	0.00127	0.0000717
2035 Jun	0.000307	0.0011	0.123	0.00000941	3.35	4.58	0.0597	0.000616	31.5	0.00268	0.00924	0.000356	0.00052	0.00019	0.203	0.0000021	0.000555	0.000778	0.00193	0.000388
2035 Jul	0.00025	0.000935	0.115	0.00000966	2.35	3.31	0.0455	0.000412	19	0.00199	0.00934	0.000293	0.000383	0.000131	0.144	0.00000205	0.000337	0.000684	0.00193	0.000219
2035 Aug	0.000251	0.00124	0.103	0.0000101	4.25	5.3	0.0525	0.000904	41.5	0.00331	0.00924	0.000216	0.000621	0.000239	0.245	0.00000233	0.000784	0.0006	0.00186	0.000577
2035 Sep	0.000269	0.00195	0.0791	0.00000979	8.68	10.1	0.0704	0.0021	93.2	0.00633	0.00956	0.0000448	0.00119	0.000484	0.481	0.00000271	0.00185	0.000518	0.00163	0.00143
2035 Oct	0.000167	0.00125	0.0839	0.00000925	3.51	4.4	0.0284	0.00105	32.9	0.00267	0.0103	0.0000241	0.000399	0.000181	0.202	0.0000021	0.000657	0.000292	0.00119	0.000466
2035 Nov	0.000241	0.00182	0.151	0.0000163	3.37	4.65	0.0277	0.00126	25	0.00271	0.0185	0.000035	0.000269	0.000154	0.204	0.00000341	0.000499	0.000389	0.00191	0.000289
2035 Dec	0.000312	0.00236	0.196	0.0000211	4.37	6.03	0.0359	0.00164	32.4	0.00351	0.024	0.0000454	0.000349	0.0002	0.264	0.00000442	0.000648	0.000504	0.00247	0.000375
2036 Jan	0.000312	0.00236	0.196	0.0000211	4.37	6.03	0.0359	0.00164	32.4	0.00351	0.024	0.0000454	0.000349	0.0002	0.264	0.00000442	0.000648	0.000504	0.00247	0.000375
2036 Feb	0.000312	0.00236	0.196	0.0000211	4.37	6.03	0.0359	0.00164	32.4	0.00351	0.024	0.0000454	0.000349	0.0002	0.264	0.00000442	0.000648	0.000504	0.00247	0.000375
2036 Mar	0.000312	0.00236	0.196	0.0000211	4.37	6.03	0.0359	0.00164	32.4	0.00351	0.024	0.0000454	0.000349	0.0002	0.264	0.00000442	0.000648	0.000504	0.00247	0.000375
2036 Apr	0.000293	0.00208	0.177	0.0000185	3.86	5.39	0.0349	0.00143	28.4	0.0031	0.0211	0.000057	0.000307	0.000176	0.235	0.00000388	0.000564	0.000477	0.00218	0.000326
2036 May	0.000303	0.00172	0.161	0.0000149	3.17	4.65	0.0402	0.00111	22.5	0.00255	0.0171	0.000113	0.000251	0.000144	0.2	0.00000311	0.000438	0.000505	0.00178	0.000249
2036 Jun	0.000237	0.00123	0.0936	0.00000931	4.69	5.7	0.0533	0.000981	45.2	0.00361	0.0088	0.000179	0.000724	0.000262	0.265	0.00000223	0.000914	0.000648	0.00192	0.000698
2036 Jul	0.000181	0.000998	0.0935	0.00000994	2.96	3.69	0.036	0.000601	25	0.00242	0.00928	0.00015	0.000479	0.000162	0.168	0.00000218	0.000515	0.000554	0.00195	0.000377
2036 Aug	0.00026	0.00169	0.0944	0.0000111	7.22	8.41	0.0667	0.00156	70.7	0.00543	0.00975	0.000134	0.00108	0.000408	0.399	0.00000283	0.00149	0.000645	0.00217	0.00118
2036 Sep	0.000297	0.00214	0.0775	0.0000101	10.2	11.7	0.0836	0.00236	101	0.00744	0.00912	0.0000608	0.00145	0.000576	0.563	0.00000291	0.00221	0.000606	0.00185	0.00179
2036 Oct	0.000172	0.00128	0.0887	0.00000978	3.48	4.39	0.0284	0.00105	29.3	0.00266	0.0108	0.0000272	0.000389	0.000178	0.201	0.00000219	0.00064	0.000302	0.00126	0.000467
2036 Nov	0.00019	0.00142	0.11	0.000012	3.12	4.12	0.0256	0.00106	23.8	0.00245	0.0135	0.0000292	0.000299	0.000151	0.184	0.00000257	0.000517	0.000318	0.00146	0.000346
2036 Dec	0.000233	0.00175	0.138	0.000015	3.72	4.95	0.0306	0.00128	27.9	0.00293	0.0169	0.0000358	0.000346	0.000178	0.221	0.0000032	0.000604	0.000388	0.00181	0.000398
2037 Jan	0.000233	0.00175	0.138	0.000015	3.72	4.95	0.0306	0.00128	27.9	0.00293	0.0169	0.0000358	0.000346	0.000178	0.221	0.0000032	0.000604	0.000388	0.00181	0.000398
2037 Feb	0.000233	0.00175	0.138	0.000015	3.72	4.95	0.0306	0.00128	27.9	0.00293	0.0169	0.0000358	0.000346	0.000178	0.221	0.0000032	0.000604	0.000388	0.00181	0.000398
2037 Mar	0.000233	0.00175	0.138	0.000015	3.72	4.95	0.0306	0.00128	27.9	0.00293	0.0169	0.0000358	0.000346	0.000178	0.221	0.0000032	0.000604	0.000388	0.00181	0.000398
2037 Apr	0.000233	0.00175	0.138	0.000015	3.72	4.95	0.0306	0.00128	27.9	0.00293	0.0169	0.0000358	0.000346	0.000178	0.221	0.0000032	0.000604	0.000388	0.00181	0.000398
2037 May	0.000353	0.00117	0.147	0.00000973	2.26	3.76	0.0565	0.000564	13.6	0.00184	0.0111	0.000404	0.000224	0.00012	0.157	0.00000202	0.000259	0.000677	0.00143	0.00015
2037 Jun	0.00049	0.00127	0.173	0.00000921	3.45	5.4	0.0897	0.000586	24.4	0.00272	0.00997	0.000647	0.000464	0.000201	0.231	0.00000202	0.000489	0.00103	0.00175	0.000357
2037 Jul	0.000477	0.0013	0.172	0.0000098	3.57	5.46	0.0875	0.000621	24.9	0.0028	0.0104	0.00062	0.000483	0.000206	0.235	0.00000215	0.00052	0.00101	0.00185	0.000379
2037 Aug	0.000433	0.00184	0.139	0.0000108	7.42	9.28	0.0961	0.00155	62.9	0.00551	0.0101	0.000414	0.00104	0.000424	0.43	0.00000273	0.00146	0.000891	0.00202	0.00119
2037 Sep	0.000318	0.0019	0.104	0.000011	7.89	9.39	0.0757	0.00184	68.2	0.00582	0.0102	0.000167	0.00108	0.000443	0.444	0.00000283	0.00162	0.000612	0.00181	0.00133
2037 Oct	0.000149	0.00106	0.0916	0.00000963	1.88	2.65	0.0172	0.000708	11.6	0.00152	0.0109	0.0000382	0.000144	0.0000857	0.115	0.000002	0.000266	0.000244	0.00114	0.000158
2037 Nov	0.000188	0.00139	0.127	0.0000134	1.98	2.97	0.0175	0.000868	10.1	0.00167	0.0153	0.0000371	0.0000995	0.0000812	0.125	0.00000273	0.000222	0.000296	0.00153	0.0000917
2037 Dec	0.000189	0.0014	0.127	0.0000135	1.99	2.98	0.0175	0.000871	10.2	0.00168	0.0154	0.0000372	0.0000997	0.0000814	0.126	0.00000274	0.000223	0.000297	0.00153	0.0000919
2038 Jan	0.000189	0.0014	0.127	0.0000135	1.99	2.98	0.0175	0.000871	10.2	0.00168	0.0154	0.0000372	0.0000997	0.0000814	0.126	0.00000274	0.000223	0.000297	0.00153	0.0000919
2038 Feb	0.000189	0.0014	0.127	0.0000135	1.99	2.98	0.0175	0.000871	10.2	0.00168	0.0154	0.0000372	0.0000997	0.0000814	0.126	0.00000274	0.000223	0.000297	0.00153	0.0000919
2038 Mar	0.000189	0.0014	0.127	0.0000135	1.99	2.98	0.0175	0.000871	10.2	0.00168	0.0154	0.0000372	0.0000997	0.0000814	0.126	0.00000274	0.000223	0.000297	0.00153	0.0000919
2038 Apr	0.000189	0.0014	0.127	0.0000135	1.99	2.98	0.0175	0.000871	10.2	0.00168	0.0154	0.0000372	0.0000997	0.0000814	0.126	0.00000274	0.000223	0.000297	0.00153	0.0000919
2038 May	0.000261	0.00128	0.139	0.000012	1.89	3.09	0.0333	0.000696	9.06	0.0016	0.0138	0.000202	0.000117	0.0000853	0.128	0.00000244	0.000183	0.000461	0.00149	0.0000696
2038 Jun	0.000482	0.00118	0.176	0.00000939	2.72	4.62	0.0849	0.00043	15.8	0.00221	0.0102	0.000656	0.000353	0.000159	0.192	0.00000198	0.000313	0.00101	0.00175	0.000214
2038 Jul	0.000525	0.00147	0.19	0.0000111	4.06	6.16	0.0969	0.000709	27	0.00321	0.0117	0.000677	0.000561	0.000235	0.266	0.00000243	0.000599	0.00113	0.00211	0.00046
2038 Aug	0.000305	0.00152	0.117	0.0000114	5.3	6.62	0.0636	0.00119	39.7	0.00404	0.0102	0.000249	0.000703	0.000299	0.306	0.00000266	0.000983	0.000587	0.00183	0.000813
2038 Sep	0.000232	0.00157	0.0887	0.0000104	5.82	6.97	0.0511	0.00148	44.8	0.00434	0.01	0.0000726	0.000752	0.00032	0.328	0.00000253	0.00116	0.000418	0.00152	0.000975
2038 Oct	0.000221	0.00163	0.106	0.0000118	4.83	6	0.0397	0.00139	35.4	0.00365	0.0128	0.0000375	0.000567	0.000252	0.277	0.00000269	0.000921	0.000392	0.00154	0.000739
2038 Nov	0.00025	0.00184	0.124	0.0000137	5.22	6.54	0.0429	0.00154	37.7	0.00396	0.0151	0.000042	0.000597	0.00027	0.3	0.00000309	0.000977	0.000438	0.00177	0.000774
2038 Dec	0.00025	0.00185	0.124	0.0000137	5.22	6.54	0.0429	0.00154	37.7	0.00396	0.0151	0.000042	0.000597	0.00027	0.3	0.0000031	0.000977	0.000438	0.00177	0.000774
2039 Jan	0.00025	0.00185	0.124	0.0000137	5.22	6.54	0.0429	0.00154	37.7	0.00396	0.0151	0.000042	0.000597	0.00027	0.3	0.0000031	0.000977	0.000438	0.00177	0.000774
2039 Feb	0.00025	0.00185	0.124	0.0000137	5.22	6.54	0.0429	0.00154	37.7	0.00396	0.0151	0.000042	0.000597	0.00027	0.3	0.0000031	0.000977	0.000438	0.00177	0.000774
2039 Mar	0.00025	0.00185	0.124	0.0000137	5.22	6.54	0.0429	0.00154	37.7	0.00396	0.0151	0.000042	0.000597	0.00027	0.3	0.0000031	0.000977	0.000438	0.00177	0.000774
2039 Apr	0.00025	0.00185	0.124	0.0000137	5.22	6.54	0.0429	0.00154	37.7	0.00396	0.0151	0.000042	0.000597	0.00027	0.3	0.0000031	0.000977	0.000438	0.00177	0.000774
2039 May	0.000252	0.00183	0.124	0.0000136	5.18	6.5	0.0433	0.00153	37.3	0.00393	0.015	0.0000495	0.000592	0.000268	0.298	0.00000307	0.000967	0.000443	0.00176	0.000765
2039 Jun	0.000122	0.000769	0.0839	0.00000984	1.57	2.05	0.0195	0.000343	8.59	0.00143	0.00928	0.0000926	0.000272	0.000079	0.088	0.00000203	0.000213	0.000454	0.00187	0.000136
2039 Jul	0.000105	0.000652	0.0784	0.00000962	1.26	1.62	0.0167	0.000223	5.94	0.00117	0.00858	0.0000961	0.000245	0.0000609	0.0664	0.00000194	0.000159	0.00045	0.00189	0.0000818
2039 Aug	0.000111	0.000693	0.0795	0.0000101	1.6	1.92	0.0186	0.000304	7.8	0.00133	0.00867	0.0000974	0.000276	0.0000753	0.0828	0.000002	0.000244	0.000447	0.0019	0.000133

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Sep	0.000118	0.000734	0.0801	0.0000106	2.02	2.29	0.021	0.000401	10.1	0.00152	0.00876	0.0000982	0.000321	0.0000929	0.103	0.00000208	0.000349	0.000457	0.00192	0.000197
2039 Oct	0.000123	0.000763	0.0812	0.000011	2.25	2.5	0.0224	0.00046	11.4	0.00163	0.00889	0.0000987	0.000345	0.000103	0.114	0.00000214	0.000406	0.000465	0.00195	0.000231
2039 Nov	0.000134	0.000829	0.0879	0.0000119	2.47	2.74	0.0244	0.000507	12.5	0.00178	0.00962	0.000107	0.000377	0.000113	0.125	0.00000232	0.000449	0.000504	0.00211	0.000256
2039 Dec	0.000145	0.000897	0.095	0.0000129	2.67	2.97	0.0264	0.000548	13.5	0.00192	0.0104	0.000116	0.000408	0.000122	0.136	0.00000251	0.000486	0.000545	0.00228	0.000277
2040 Jan	0.000162	0.001	0.106	0.0000144	2.99	3.32	0.0296	0.000613	15.2	0.00215	0.0116	0.000129	0.000456	0.000137	0.152	0.00000281	0.000544	0.00061	0.00255	0.00031
2040 Feb	0.000179	0.00111	0.117	0.0000159	3.3	3.66	0.0326	0.000676	16.7	0.00237	0.0128	0.000143	0.000503	0.000151	0.167	0.0000031	0.000599	0.000673	0.00281	0.000342
2040 Mar	0.00019	0.00118	0.125	0.000017	3.51	3.9	0.0347	0.00072	17.8	0.00253	0.0137	0.000152	0.000536	0.00016	0.178	0.0000033	0.000639	0.000717	0.003	0.000364
2040 Apr	0.000202	0.00125	0.132	0.000018	3.72	4.14	0.0368	0.000764	18.9	0.00268	0.0145	0.000161	0.000568	0.00017	0.189	0.0000035	0.000677	0.00076	0.00318	0.000386
2040 May	0.000203	0.00121	0.13	0.0000173	3.58	4.01	0.037	0.00073	18.1	0.00258	0.014	0.000171	0.000544	0.000164	0.183	0.00000336	0.000645	0.000745	0.00305	0.000367
2040 Jun	0.000179	0.000772	0.0962	0.0000104	2.01	2.52	0.0313	0.000374	9.49	0.00152	0.00887	0.000199	0.000308	0.0000961	0.111	0.00000203	0.000315	0.000554	0.00188	0.000171
2040 Jul	0.000178	0.000784	0.0965	0.0000107	2.12	2.6	0.0315	0.000412	9.93	0.00158	0.00901	0.000194	0.000324	0.000101	0.116	0.00000214	0.000342	0.000559	0.00193	0.000188
2040 Aug	0.000184	0.00082	0.0976	0.0000111	2.46	2.9	0.0335	0.000498	11.6	0.00173	0.00914	0.000195	0.000359	0.000116	0.132	0.00000224	0.000425	0.000568	0.00196	0.000241
2040 Sep	0.00019	0.000861	0.0975	0.0000117	2.92	3.31	0.036	0.000614	13.9	0.00194	0.00918	0.000194	0.000407	0.000136	0.154	0.00000234	0.000542	0.000574	0.00198	0.000315
2040 Oct	0.000192	0.000876	0.098	0.0000118	3.01	3.39	0.0365	0.00065	14.3	0.00198	0.00928	0.000193	0.000414	0.00014	0.158	0.0000024	0.000563	0.000575	0.00198	0.000328
2040 Nov	0.000206	0.000941	0.105	0.0000127	3.24	3.65	0.0392	0.000703	15.4	0.00213	0.00997	0.000207	0.000445	0.00015	0.17	0.00000259	0.000606	0.000617	0.00213	0.000353
2040 Dec	0.000227	0.00103	0.116	0.000014	3.56	4.01	0.0431	0.000773	16.9	0.00234	0.011	0.000227	0.00049	0.000165	0.187	0.00000285	0.000667	0.000678	0.00234	0.000388
2041 Jan	0.000248	0.00113	0.126	0.0000153	3.89	4.38	0.047	0.000844	18.5	0.00255	0.012	0.000248	0.000534	0.00018	0.204	0.00000311	0.000728	0.00074	0.00255	0.000424
2041 Feb	0.00027	0.00123	0.137	0.0000166	4.24	4.77	0.0512	0.000919	20.1	0.00278	0.013	0.00027	0.000582	0.000196	0.223	0.00000339	0.000793	0.000806	0.00278	0.000462
2041 Mar	0.000287	0.00131	0.146	0.0000177	4.51	5.08	0.0545	0.000978	21.4	0.00296	0.0139	0.000288	0.000619	0.000209	0.237	0.0000036	0.000844	0.000858	0.00296	0.000491
2041 Apr	0.000305	0.00139	0.155	0.0000188	4.78	5.39	0.0579	0.00104	22.7	0.00314	0.0147	0.000305	0.000657	0.000222	0.251	0.00000382	0.000895	0.00091	0.00314	0.000522
2041 May	0.000313	0.00142	0.159	0.0000191	4.87	5.5	0.0594	0.00105	23.1	0.00319	0.015	0.000315	0.000668	0.000226	0.256	0.00000389	0.000909	0.000931	0.0032	0.000529
2041 Jun	0.000184	0.000854	0.0992	0.0000119	2.7	3.1	0.0342	0.000567	12.5	0.00186	0.00955	0.000187	0.000393	0.000126	0.143	0.00000241	0.000483	0.000585	0.00207	0.000275
2041 Jul	0.000144	0.000711	0.0849	0.0000103	2.05	2.36	0.0262	0.000434	9	0.00148	0.00846	0.000146	0.000318	0.0000964	0.108	0.00000216	0.000343	0.0005	0.00186	0.000191
2041 Aug	0.000152	0.000754	0.0866	0.0000109	2.43	2.71	0.0287	0.000536	10.7	0.00166	0.00865	0.000148	0.00036	0.000113	0.126	0.00000231	0.000436	0.000515	0.00191	0.000252
2041 Sep	0.00016	0.000802	0.0865	0.0000115	2.98	3.19	0.0317	0.000669	13.2	0.00191	0.00868	0.000148	0.000417	0.000137	0.153	0.00000241	0.000577	0.000524	0.00193	0.000345
2041 Oct	0.000161	0.000811	0.0865	0.0000116	3.05	3.26	0.032	0.000702	13.5	0.00194	0.00873	0.000146	0.000422	0.00014	0.156	0.00000246	0.000593	0.000522	0.00193	0.000356
2041 Nov	0.000171	0.00086	0.0916	0.0000123	3.24	3.46	0.034	0.000757	14.3	0.00205	0.00926	0.000154	0.000447	0.000149	0.165	0.00000265	0.000629	0.000552	0.00204	0.000377
2041 Dec	0.000187	0.000939	0.1	0.0000134	3.54	3.77	0.0371	0.000826	15.6	0.00224	0.0101	0.000169	0.000488	0.000162	0.181	0.00000289	0.000686	0.000603	0.00223	0.000412
2042 Jan	0.000202	0.00102	0.108	0.0000145	3.83	4.08	0.0401	0.000894	16.9	0.00242	0.0109	0.000182	0.000528	0.000176	0.195	0.00000313	0.000743	0.000652	0.00241	0.000446
2042 Feb	0.000221	0.00111	0.118	0.0000158	4.19	4.47	0.0439	0.000978	18.5	0.00265	0.012	0.0002	0.000577	0.000192	0.214	0.00000342	0.000812	0.000713	0.00263	0.000488
2042 Mar	0.000237	0.00119	0.127	0.000017	4.5	4.79	0.0471	0.00105	19.8	0.00285	0.0128	0.000214	0.00062	0.000206	0.229	0.00000367	0.000872	0.000766	0.00283	0.000523
2042 Apr	0.00025	0.00126	0.134	0.000018	4.75	5.06	0.0497	0.00111	20.9	0.003	0.0136	0.000226	0.000654	0.000218	0.242	0.00000388	0.00092	0.000808	0.00298	0.000552
2042 May	0.000243	0.00121	0.129	0.0000171	4.52	4.84	0.0481	0.00105	19.9	0.00287	0.013	0.000222	0.000623	0.000208	0.231	0.0000037	0.000874	0.000777	0.00285	0.000524
2042 Jun	0.000157	0.000777	0.0875	0.0000112	2.65	2.9	0.0301	0.0006	11.4	0.00176	0.00879	0.000149	0.000384	0.000123	0.137	0.00000241	0.000489	0.000526	0.00195	0.000288
2042 Jul	0.000137	0.000702	0.0807	0.0000103	2.25	2.48	0.0259	0.000514	9.41	0.00154	0.00822	0.000131	0.000336	0.000105	0.116	0.00000226	0.000398	0.000479	0.00182	0.000232
2042 Aug	0.000141	0.000739	0.0794	0.0000107	2.68	2.85	0.0278	0.000629	11.1	0.00172	0.00815	0.000126	0.000373	0.000123	0.137	0.00000233	0.000509	0.000466	0.00179	0.000308
2042 Sep	0.000148	0.000785	0.0784	0.0000113	3.23	3.33	0.0306	0.000771	13.4	0.00196	0.00812	0.000122	0.000426	0.000147	0.163	0.00000242	0.00065	0.000465	0.00178	0.000406
2042 Oct	0.000151	0.000804	0.0794	0.0000115	3.32	3.42	0.0311	0.000811	13.7	0.002	0.00827	0.000121	0.000432	0.000151	0.167	0.0000025	0.000669	0.000466	0.00179	0.000418
2042 Nov	0.000164	0.000876	0.0865	0.0000125	3.63	3.73	0.0339	0.000896	14.9	0.00219	0.00902	0.000132	0.000472	0.000165	0.183	0.00000277	0.00073	0.000508	0.00195	0.000457
2042 Dec	0.000179	0.000953	0.0941	0.0000136	3.95	4.07	0.0369	0.000977	16.3	0.00238	0.00982	0.000143	0.000513	0.000179	0.199	0.00000302	0.000795	0.000553	0.00212	0.000497
2043 Jan	0.000196	0.00104	0.103	0.0000149	4.32	4.45	0.0405	0.00107	17.8	0.0026	0.0107	0.000157	0.000562	0.000197	0.218	0.0000033	0.00087	0.000605	0.00233	0.000544
2043 Feb	0.000214	0.00114	0.112	0.0000163	4.71	4.86	0.0441	0.00117	19.4	0.00284	0.0117	0.000171	0.000613	0.000214	0.237	0.00000361	0.000949	0.00066	0.00254	0.000594
2043 Mar	0.000235	0.00125	0.123	0.0000178	5.17	5.33	0.0484	0.00128	21.3	0.00312	0.0129	0.000188	0.000673	0.000235	0.26	0.00000396	0.00104	0.000724	0.00278	0.000652
2043 Apr	0.000248	0.00132	0.13	0.0000188	5.46	5.62	0.0511	0.00135	22.5	0.00329	0.0136	0.000198	0.00071	0.000248	0.275	0.00000418	0.0011	0.000764	0.00294	0.000687
2043 May	0.000242	0.00126	0.126	0.0000178	5.16	5.35	0.0497	0.00128	21.2	0.00311	0.0129	0.000201	0.00067	0.000235	0.261	0.00000396	0.00103	0.000737	0.00278	0.000645
2043 Jun	0.0002	0.000812	0.0959	0.0000108	2.81	3.21	0.0379	0.000658	11.3	0.00181	0.00857	0.000215	0.000374	0.000133	0.15	0.00000242	0.000507	0.000558	0.00179	0.000309
2043 Jul	0.000202	0.000831	0.0975	0.0000112	2.93	3.31	0.0386	0.00074	11.5	0.00186	0.00885	0.000214	0.000388	0.000139	0.155	0.00000271	0.000526	0.000569	0.00185	0.000323
2043 Aug	0.000214	0.000899	0.0986	0.0000121	3.66	3.96	0.0431	0.000959	14.1	0.00219	0.00904	0.000216	0.000466	0.000172	0.189	0.00000303	0.000705	0.000589	0.00191	0.000452
2043 Sep	0.000218	0.000926	0.0983	0.0000125	3.99	4.24	0.0448	0.00109	15.2	0.00232	0.0091	0.000213	0.000496	0.000187	0.204	0.00000328	0.000781	0.00059	0.00192	0.000508
2043 Oct	0.000219	0.000942	0.0992	0.0000126	4.02	4.28	0.0449	0.00116	15.3	0.00233	0.00934	0.000209	0.000493	0.00019	0.205	0.0000035	0.000781	0.000585	0.00192	0.000508
2043 Nov	0.000222	0.000968	0.102	0.0000128	4.07	4.34	0.0453	0.00121	15.4	0.00235	0.00966	0.00021	0.000495	0.000193	0.207	0.00000368	0.000785	0.000591	0.00195	0.000511
2043 Dec	0.000242	0.00106	0.111	0.000014	4.44	4.74	0.0494	0.00132	16.8	0.00257	0.0105	0.000229	0.000539	0.00021	0.226	0.00000402	0.000856	0.000644	0.00212	0.000557
2044 Jan	0.00026	0.00113	0.119	0.000015	4.76	5.08	0.053	0.00142	18	0.00275	0.0113	0.000245	0.000578	0.000225	0.243	0.00000432	0.000917	0.00069	0.00228	0.000597
2044 Feb	0.000279	0.00121	0.127	0.0000161	5.12	5.45	0.0569	0.00153	19.3	0.00295	0.0121	0.000263	0.000621	0.000242	0.26	0.00000467	0.000985	0.000741	0.00244	0.000641
2044 Mar	0.000297	0.00129	0.136	0.0000172	5.46	5.82	0.0607	0.00164	20.6	0.00315	0.0129	0.00028	0.000662	0.000259	0.278	0.000005	0.00105	0.00079	0.00261	0.000684
2044 Apr	0.000315	0.00137	0.144	0.0000182	5.79	6.16	0.0644	0.00175	21.8	0.00333	0.0137	0.000297	0.000701	0.000274	0.294	0.00000533	0.00111	0.000836	0.00276	0.000725
2044 May	0.000326	0.00141	0.149	0.0000187	5.96	6.35	0.0665	0.0018	22.5	0.00343	0.0141	0.000308	0.000722	0.000283	0.303	0.00000549	0.00114	0.000864	0.00284	0.000746
2044 Jun	0.000194	0.000833	0.0947	0.0000113	3.08	3.4	0.038	0.000889	11.4	0.00189	0.00895	0.000195	0.000398	0.000147	0.159	0.00000312	0.000555	0.000554	0.00185	0.000354
2044 Jul	0.000185	0.000813	0.0934	0.0000112	2.95	3.24	0.0364	0.000929	10.6	0.00182	0.00905	0.000185	0.000387	0.000144	0.151	0.0000034	0.000515	0.000548	0.00188	0.00033
2044 Aug	0.000199	0.00088	0.0955	0.0000121	3.63	3.85	0.0409	0.00116	12.8	0.00212	0.00934	0.000189	0.000459	0.000175	0.182	0.00000385	0.000675	0.000573	0.00195	0.000449
2044 Sep	0.0002	0.000901	0.0937	0.0000124	3.93	4.1	0.042	0.00128	13.7	0.00223	0.0093	0.000182	0.000483	0.000189	0.196	0.00000402	0.000748	0.000561	0.00192	0.000505
2044 Oct	0.0002	0.000915	0.0942	0.0000124	3.99	4.15	0.0422	0.00136	13.8	0.00225	0.00947	0.000179	0.000483	0.000192	0.198	0.00000425	0.000754	0.000556	0.00192	0.000511
2044 Nov	0.000214	0.00098	0.101	0.0000133	4.25	4.44	0.045	0.00146	14.7	0.0024	0.0102	0.00019	0.000514	0.000205	0.211	0.00000457	0.000803	0.000593	0.00205	0.000544
2044 Dec	0.000234	0.00107	0.11	0.0000145	4.65	4.85	0.0492	0.0016	16.1	0.00262	0.0111	0.000208	0.000561	0.000224	0.231	0.00000501	0.000877	0.000648	0.00224	0.000595
2045 Jan	0.000261	0.00119	0.123	0.0000162	5.19	5.4	0.0549	0.00178	17.9	0.00292	0.0124	0.000231	0.000626	0.00025	0.257	0.0000056	0.000978	0.000722	0.0025	0.000663
2045 Feb	0.00029	0.00133	0.137	0.000018	5.77	6.01	0.0611	0.00199	19.9	0.00324	0.0138	0.000257	0.000696	0.000279	0.286	0.00000625	0.00109	0.000803	0.00278	0.000737
2045 Mar	0.000311	0.00142	0.146	0.0000193	6.19	6.45	0.0655	0.00214	21.3	0.00348	0.0148	0.000276	0.000746	0.000299	0.307	0.00000672	0.00117	0.000861	0.00298	0.000791

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Apr	0.000331	0.00152	0.156	0.0000206	6.6	6.87	0.0698	0.00228	22.7	0.00371	0.0157	0.000294	0.000795	0.000319	0.327	0.00000717	0.00124	0.000918	0.00317	0.000843
2045 May	0.000347	0.00159	0.163	0.0000215	6.91	7.19	0.0731	0.0024	23.8	0.00388	0.0165	0.000307	0.000832	0.000334	0.342	0.00000754	0.0013	0.00096	0.00332	0.000882
2045 Jun	0.000205	0.000964	0.103	0.0000134	3.9	4.1	0.0423	0.00132	13.3	0.00228	0.0105	0.000184	0.000491	0.000189	0.194	0.00000447	0.000712	0.000609	0.00217	0.000478
2045 Jul	0.000166	0.000798	0.0879	0.0000114	3.05	3.22	0.0338	0.0011	10.1	0.00182	0.00917	0.00015	0.000397	0.00015	0.15	0.00000398	0.00053	0.00052	0.00191	0.000355
2045 Aug	0.000171	0.000824	0.0894	0.0000117	3.28	3.43	0.0357	0.00126	10.7	0.00191	0.00943	0.000151	0.000418	0.000163	0.16	0.00000446	0.000572	0.000529	0.00195	0.00039
2045 Sep	0.000176	0.000856	0.0893	0.0000121	3.67	3.76	0.038	0.00142	11.7	0.00206	0.00952	0.00015	0.000454	0.000182	0.177	0.00000479	0.000661	0.000533	0.00196	0.00046
2045 Oct	0.000189	0.000914	0.0943	0.0000129	4.03	4.11	0.0413	0.00164	12.8	0.00222	0.0102	0.000158	0.000492	0.000201	0.193	0.00000546	0.000725	0.000565	0.00208	0.00051
2045 Nov	0.000204	0.00099	0.102	0.000014	4.4	4.48	0.045	0.00182	13.9	0.00241	0.011	0.000171	0.000534	0.00022	0.21	0.00000605	0.000789	0.000612	0.00225	0.000556
2045 Dec	0.000219	0.00106	0.109	0.000015	4.72	4.8	0.0483	0.00196	14.9	0.00258	0.0118	0.000184	0.000573	0.000237	0.225	0.00000651	0.000846	0.000656	0.00241	0.000597
2046 Jan	0.000239	0.00116	0.119	0.0000163	5.15	5.23	0.0526	0.00213	16.2	0.00282	0.0129	0.0002	0.000624	0.000258	0.245	0.00000711	0.000921	0.000715	0.00263	0.00065
2046 Feb	0.000259	0.00126	0.129	0.0000177	5.59	5.68	0.0571	0.00232	17.6	0.00306	0.014	0.000217	0.000678	0.00028	0.266	0.00000772	0.001	0.000776	0.00285	0.000706
2046 Mar	0.000278	0.00134	0.139	0.000019	5.98	6.08	0.0612	0.00248	18.8	0.00327	0.015	0.000233	0.000726	0.0003	0.285	0.00000826	0.00107	0.000831	0.00306	0.000756
2046 Apr	0.000294	0.00143	0.147	0.0000201	6.34	6.45	0.0649	0.00263	19.9	0.00347	0.0159	0.000247	0.000769	0.000318	0.302	0.00000876	0.00114	0.000881	0.00324	0.000802
2046 May	0.000302	0.00145	0.15	0.0000204	6.44	6.56	0.0663	0.00267	20.2	0.00353	0.0161	0.000255	0.000781	0.000323	0.307	0.00000889	0.00115	0.000899	0.00329	0.000812
2046 Jun	0.000185	0.000891	0.0976	0.0000128	3.57	3.72	0.039	0.00141	11.1	0.00206	0.0104	0.000165	0.000458	0.000179	0.172	0.00000507	0.000613	0.000586	0.00216	0.000426
2046 Jul	0.000149	0.000746	0.085	0.000011	2.72	2.86	0.0307	0.00113	8.18	0.00164	0.00921	0.000134	0.000368	0.000139	0.131	0.00000441	0.000436	0.000509	0.00195	0.000302
2046 Aug	0.000157	0.000791	0.0861	0.0000116	3.21	3.29	0.0339	0.00134	9.4	0.00184	0.00942	0.000135	0.000416	0.000163	0.153	0.00000488	0.000545	0.000521	0.00199	0.000391
2046 Sep	0.00016	0.000815	0.0848	0.0000119	3.54	3.57	0.0355	0.00147	10.2	0.00197	0.00938	0.000131	0.000443	0.000178	0.168	0.00000505	0.000625	0.000514	0.00197	0.000456
2046 Oct	0.000162	0.000833	0.0852	0.000012	3.64	3.67	0.0359	0.00156	10.4	0.002	0.00955	0.000128	0.000445	0.000183	0.172	0.00000532	0.000642	0.000507	0.00195	0.000472
2046 Nov	0.000171	0.000882	0.09	0.0000126	3.85	3.88	0.038	0.00168	11	0.00211	0.0101	0.000134	0.000468	0.000194	0.181	0.00000569	0.000677	0.000533	0.00205	0.000498
2046 Dec	0.000183	0.00094	0.096	0.0000135	4.11	4.14	0.0405	0.00179	11.7	0.00225	0.0108	0.000143	0.0005	0.000207	0.193	0.00000609	0.000722	0.000568	0.00219	0.000531
2047 Jan	0.000199	0.00103	0.105	0.0000147	4.49	4.52	0.0442	0.00196	12.8	0.00245	0.0118	0.000156	0.000545	0.000226	0.211	0.00000666	0.000787	0.00062	0.00239	0.000579
2047 Feb	0.000217	0.00112	0.114	0.000016	4.9	4.93	0.0483	0.00215	13.9	0.00267	0.0129	0.00017	0.000595	0.000247	0.23	0.00000729	0.000859	0.000676	0.0026	0.000632
2047 Mar	0.000229	0.00118	0.12	0.0000169	5.16	5.2	0.0509	0.00227	14.7	0.00282	0.0136	0.000179	0.000627	0.000261	0.243	0.00000772	0.000905	0.000713	0.00274	0.000667
2047 Apr	0.000241	0.00124	0.126	0.0000177	5.43	5.47	0.0536	0.0024	15.4	0.00296	0.0142	0.000188	0.000659	0.000275	0.255	0.00000814	0.000951	0.000749	0.00288	0.000701
2047 May	0.000247	0.00121	0.126	0.000017	5.19	5.3	0.0539	0.00227	14.8	0.00285	0.0138	0.000206	0.000629	0.000263	0.246	0.00000775	0.0009	0.000745	0.00277	0.000662
2047 Jun	0.000263	0.000896	0.115	0.0000112	3.17	3.74	0.0509	0.00125	9.26	0.00187	0.00976	0.000303	0.000381	0.000166	0.166	0.00000458	0.000486	0.000666	0.00187	0.000347
2047 Jul	0.000269	0.000924	0.117	0.0000116	3.43	3.96	0.0533	0.00148	9.74	0.00196	0.0101	0.000307	0.000404	0.000182	0.176	0.00000533	0.000524	0.000681	0.00193	0.000383
2047 Aug	0.000281	0.000983	0.118	0.0000123	4.08	4.54	0.0576	0.00174	11.2	0.00223	0.0104	0.00031	0.00047	0.000213	0.205	0.00000587	0.000673	0.0007	0.00199	0.000507
2047 Sep	0.000282	0.00101	0.116	0.0000127	4.48	4.87	0.059	0.00188	12.2	0.0024	0.0104	0.0003	0.000508	0.000231	0.223	0.00000609	0.000774	0.000692	0.00198	0.000593
2047 Oct	0.000275	0.001	0.114	0.0000125	4.42	4.79	0.0576	0.00191	11.9	0.00234	0.0103	0.000288	0.000494	0.000228	0.219	0.00000619	0.000756	0.00067	0.00193	0.00058
2047 Nov	0.000285	0.00104	0.118	0.000013	4.57	4.96	0.0596	0.002	12.3	0.00242	0.0108	0.000297	0.000509	0.000237	0.227	0.00000648	0.00078	0.000692	0.002	0.000599
2047 Dec	0.000307	0.00112	0.128	0.000014	4.95	5.36	0.0644	0.00217	13.3	0.00262	0.0116	0.000321	0.000551	0.000256	0.245	0.00000703	0.000843	0.000748	0.00216	0.000648
2048 Jan	0.00033	0.00121	0.137	0.0000151	5.32	5.77	0.0693	0.00234	14.3	0.00282	0.0125	0.000345	0.000592	0.000276	0.263	0.00000758	0.000906	0.000804	0.00232	0.000697
2048 Feb	0.000356	0.0013	0.148	0.0000162	5.73	6.22	0.0747	0.00253	15.4	0.00303	0.0135	0.000372	0.000638	0.000297	0.284	0.00000819	0.000976	0.000866	0.0025	0.000751
2048 Mar	0.000392	0.00143	0.163	0.0000179	6.32	6.84	0.0822	0.00279	17	0.00334	0.0148	0.000409	0.000702	0.000328	0.313	0.00000905	0.00107	0.000953	0.00276	0.000827
2048 Apr	0.000411	0.0015	0.171	0.0000187	6.62	7.17	0.0863	0.00293	17.8	0.0035	0.0155	0.000429	0.000735	0.000343	0.327	0.00000951	0.00113	0.000999	0.00289	0.000866
2048 May	0.000426	0.00155	0.176	0.0000194	6.85	7.43	0.0894	0.00304	18.4	0.00362	0.0161	0.000444	0.000761	0.000356	0.339	0.00000987	0.00116	0.00103	0.00299	0.000896
2048 Jun	0.000258	0.000994	0.116	0.000013	4.01	4.39	0.0531	0.00174	10.8	0.00223	0.011	0.000269	0.000474	0.000208	0.199	0.00000602	0.000657	0.000686	0.00213	0.000498
2048 Jul	0.000187	0.000779	0.0939	0.0000107	2.85	3.13	0.038	0.0013	7.45	0.00166	0.00934	0.000193	0.00036	0.000151	0.139	0.00000494	0.000429	0.000554	0.00188	0.000323
2048 Aug	0.000195	0.00083	0.0936	0.0000114	3.45	3.65	0.0414	0.00152	8.72	0.00191	0.00943	0.00019	0.000419	0.000179	0.167	0.00000531	0.000575	0.000558	0.00189	0.000449
2048 Sep	0.000198	0.000853	0.0928	0.0000117	3.77	3.92	0.043	0.00167	9.35	0.00203	0.00947	0.000186	0.000447	0.000194	0.181	0.00000564	0.000648	0.000554	0.00189	0.000514
2048 Oct	0.000197	0.000856	0.0926	0.0000116	3.78	3.93	0.0429	0.00174	9.31	0.00202	0.00957	0.000182	0.000441	0.000196	0.18	0.00000587	0.000642	0.000547	0.00187	0.000511
2048 Nov	0.000203	0.000885	0.0956	0.000012	3.9	4.05	0.0442	0.00182	9.59	0.00208	0.00991	0.000187	0.000453	0.000202	0.186	0.00000613	0.000659	0.000562	0.00193	0.000525
2048 Dec	0.000221	0.000962	0.104	0.0000131	4.24	4.4	0.0481	0.00198	10.4	0.00226	0.0108	0.000203	0.000492	0.00022	0.202	0.00000668	0.000716	0.000611	0.0021	0.000571
2049 Jan	0.000243	0.00106	0.114	0.0000143	4.66	4.84	0.0529	0.00218	11.4	0.00248	0.0118	0.000223	0.000541	0.000242	0.222	0.00000735	0.000786	0.000671	0.0023	0.000627
2049 Feb	0.000264	0.00115	0.124	0.0000156	5.07	5.26	0.0575	0.00238	12.4	0.00269	0.0129	0.000242	0.000588	0.000263	0.241	0.00000802	0.000855	0.000729	0.0025	0.000681
2049 Mar	0.000283	0.00123	0.133	0.0000167	5.43	5.64	0.0616	0.00255	13.3	0.00288	0.0138	0.00026	0.00063	0.000282	0.258	0.00000862	0.000915	0.000781	0.00268	0.00073
2049 Apr	0.000298	0.00129	0.14	0.0000176	5.72	5.94	0.0649	0.0027	14	0.00304	0.0145	0.000273	0.000663	0.000298	0.272	0.00000911	0.000964	0.000822	0.00282	0.000769
2049 May	0.000307	0.00133	0.144	0.000018	5.88	6.1	0.0669	0.00277	14.4	0.00312	0.0149	0.000283	0.00068	0.000306	0.279	0.00000937	0.000988	0.000846	0.0029	0.000789
2049 Jun	0.000184	0.000819	0.0936	0.0000115	3.2	3.4	0.0384	0.00145	7.93	0.00182	0.00969	0.000175	0.000399	0.000167	0.154	0.00000528	0.000513	0.000553	0.00195	0.000401
2049 Jul	0.000161	0.000746	0.0871	0.0000107	2.76	2.94	0.0335	0.00132	6.71	0.0016	0.00924	0.000153	0.000355	0.000146	0.131	0.00000506	0.000417	0.000514	0.00189	0.000325
2049 Aug	0.000171	0.000794	0.089	0.0000113	3.26	3.38	0.0371	0.00158	7.63	0.0018	0.00959	0.000157	0.000404	0.000172	0.153	0.00000575	0.000519	0.000533	0.00195	0.000419
2049 Sep	0.000176	0.000826	0.0879	0.0000117	3.68	3.74	0.0393	0.00174	8.41	0.00197	0.00959	0.000152	0.000441	0.000191	0.172	0.00000599	0.00062	0.000529	0.00194	0.000511
2049 Oct	0.000176	0.000836	0.0879	0.0000117	3.76	3.81	0.0397	0.00185	8.51	0.00198	0.00972	0.000149	0.000442	0.000196	0.175	0.00000632	0.00063	0.000524	0.00192	0.000521
2049 Nov	0.000186	0.000878	0.0923	0.0000123	3.98	4.02	0.042	0.00202	8.95	0.00207	0.0103	0.000156	0.000464	0.000209	0.184	0.0000069	0.00066	0.000549	0.00202	0.000549
2049 Dec	0.000202	0.000953	0.1	0.0000134	4.32	4.37	0.0457	0.0022	9.72	0.00225	0.0112	0.000169	0.000504	0.000228	0.2	0.00000752	0.000717	0.000596	0.00219	0.000596
2050 Jan	0.000219	0.00103	0.109	0.0000145	4.7	4.74	0.0496	0.00239	10.6	0.00244	0.0121	0.000184	0.000547	0.000248	0.217	0.00000819	0.000778	0.000647	0.00238	0.000647
2050 Feb	0.000239	0.00113	0.119	0.0000159	5.14	5.19	0.0544	0.00263	11.5	0.00267	0.0133	0.000201	0.000598	0.000271	0.237	0.00000901	0.000851	0.000707	0.0026	0.000708
2050 Mar	0.000259	0.00122	0.128	0.0000171	5.57	5.62	0.0588	0.00286	12.5	0.00289	0.0143	0.000217	0.000647	0.000294	0.256	0.00000977	0.000919	0.000764	0.00281	0.000766
2050 Apr	0.000276	0.0013	0.137	0.0000183	5.93	5.98	0.0627	0.00305	13.3	0.00307	0.0153	0.000231	0.000689	0.000313	0.273	0.0000104	0.000979	0.000814	0.00299	0.000816
2050 May	0.000287	0.00135	0.142	0.000019	6.16	6.22	0.0653	0.00317	13.8	0.00319	0.0159	0.000242	0.000715	0.000326	0.284	0.0000109	0.00102	0.000847	0.0031	0.000847
2050 Jun	0.000188	0.00085	0.0962	0.000012	3.43	3.59	0.0402	0.0017	7.85	0.00189	0.0103	0.000174	0.000421	0.000182	0.162	0.00000616	0.000538	0.000571	0.00205	0.00044
2050 Jul	0.000162	0.000762	0.0883	0.000011	2.89	3.03	0.0343	0.00149	6.53	0.00163	0.00959	0.00015	0.000366	0.000155	0.135	0.00000565	0.000427	0.00052	0.00194	0.000347
2050 Aug	0.000168	0.000795	0.0895	0.0000114	3.24	3.34	0.0369	0.00171	7.1	0.00176	0.00985	0.000152	0.000397	0.000175	0.149	0.00000629	0.000494	0.000529	0.00198	0.000413
2050 Sep	0.000172	0.000819	0.089	0.0000117	3.56	3.61	0.0387	0.00187	7.61	0.00188	0.00992	0.000149	0.000424	0.00019	0.163	0.00000665	0.000564	0.000529	0.00197	0.00048
2050 Oct	0.000179	0.000847	0.0913	0.000012	3.79	3.82	0.0409	0.00208	7.99	0.00196	0.0103	0.000153	0.000444	0.000205	0.172	0.00000732	0.000598	0.000543	0.00203	0.000515

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Nov	0.000192	0.000908	0.0976	0.0000129	4.11	4.13	0.0443	0.00231	8.6	0.0021	0.0111	0.000163	0.000478	0.000223	0.186	0.00000811	0.000645	0.000582	0.00217	0.000557
2050 Dec	0.000208	0.000984	0.106	0.000014	4.47	4.48	0.0481	0.00251	9.32	0.00228	0.012	0.000177	0.000519	0.000243	0.201	0.00000884	0.000699	0.00063	0.00235	0.000604
2051 Jan	0.000223	0.00105	0.113	0.000015	4.79	4.81	0.0516	0.0027	10	0.00244	0.0129	0.000189	0.000556	0.00026	0.216	0.0000095	0.000749	0.000676	0.00252	0.000648
2051 Feb	0.000243	0.00115	0.124	0.0000163	5.23	5.24	0.0563	0.00295	10.9	0.00266	0.0141	0.000206	0.000606	0.000284	0.235	0.0000104	0.000816	0.000736	0.00275	0.000706
2051 Mar	0.000263	0.00124	0.134	0.0000177	5.66	5.67	0.0609	0.0032	11.8	0.00288	0.0152	0.000223	0.000656	0.000308	0.254	0.0000113	0.000883	0.000796	0.00298	0.000764
2051 Apr	0.000278	0.00132	0.142	0.0000187	6	6.01	0.0646	0.0034	12.5	0.00305	0.0161	0.000236	0.000695	0.000327	0.27	0.000012	0.000935	0.000844	0.00315	0.00081
2051 May	0.000282	0.00132	0.142	0.0000186	5.97	6	0.0651	0.00338	12.4	0.00304	0.0161	0.000244	0.00069	0.000325	0.269	0.0000119	0.000927	0.000848	0.00314	0.000803
2051 Jun	0.000186	0.000766	0.0937	0.0000106	2.84	3.1	0.0385	0.00146	6.25	0.00161	0.00945	0.000193	0.000355	0.000155	0.136	0.00000558	0.000405	0.000555	0.00189	0.000339
2051 Jul	0.000176	0.000752	0.0922	0.0000107	2.77	2.98	0.0368	0.00152	5.93	0.00157	0.00961	0.000179	0.000351	0.000154	0.13	0.0000059	0.000378	0.00055	0.00194	0.00032
2051 Aug	0.000184	0.000806	0.0914	0.0000114	3.45	3.57	0.0406	0.00175	7	0.00185	0.00966	0.000176	0.000417	0.000185	0.161	0.00000629	0.000544	0.000552	0.00195	0.00048
2051 Sep	0.000186	0.000828	0.0899	0.0000116	3.75	3.83	0.0418	0.00188	7.44	0.00196	0.00965	0.000169	0.000441	0.000198	0.174	0.0000065	0.000616	0.000541	0.00192	0.000551
2051 Oct	0.000181	0.000829	0.0887	0.0000114	3.65	3.74	0.0402	0.0019	7.27	0.0019	0.00969	0.000157	0.000417	0.000194	0.169	0.00000654	0.00059	0.000514	0.00184	0.000527
2051 Nov	0.000196	0.000899	0.0959	0.0000123	3.95	4.04	0.0434	0.00209	7.85	0.00205	0.0105	0.000169	0.000448	0.00021	0.183	0.00000716	0.000635	0.000553	0.00199	0.000568
2051 Dec	0.00021	0.000966	0.103	0.0000132	4.24	4.35	0.0467	0.00225	8.44	0.0022	0.0113	0.000181	0.000481	0.000226	0.196	0.00000772	0.000682	0.000594	0.00214	0.00061
2052 Jan	0.00023	0.00106	0.113	0.0000144	4.65	4.76	0.0512	0.00247	9.24	0.00241	0.0124	0.000198	0.000527	0.000248	0.215	0.00000849	0.000747	0.000651	0.00234	0.000668
2052 Feb	0.000251	0.00115	0.123	0.0000157	5.07	5.19	0.0558	0.00271	10.1	0.00262	0.0135	0.000216	0.000574	0.000271	0.234	0.00000929	0.000813	0.000708	0.00255	0.000728
2052 Mar	0.000268	0.00123	0.131	0.0000168	5.42	5.55	0.0596	0.0029	10.8	0.00279	0.0144	0.00023	0.000613	0.000289	0.25	0.00000997	0.000868	0.000756	0.00272	0.000777
2052 Apr	0.000284	0.0013	0.139	0.0000178	5.75	5.88	0.0633	0.00309	11.4	0.00296	0.0153	0.000244	0.00065	0.000307	0.265	0.0000106	0.00092	0.000801	0.00288	0.000825
2052 May	0.000271	0.00119	0.13	0.0000161	5.18	5.37	0.0594	0.00276	10.4	0.00269	0.0139	0.000244	0.000585	0.000278	0.241	0.00000953	0.000821	0.000749	0.00262	0.000734
2052 Jun	0.000211	0.000817	0.0976	0.0000106	3.19	3.5	0.0435	0.00164	6.64	0.00173	0.00951	0.000219	0.000368	0.000173	0.154	0.00000589	0.000474	0.000563	0.00179	0.000418
2052 Jul	0.00021	0.00083	0.0976	0.0000109	3.36	3.62	0.0442	0.00182	6.79	0.00178	0.00971	0.000213	0.000379	0.000184	0.16	0.00000648	0.000498	0.000556	0.0018	0.000446
2052 Aug	0.000216	0.000867	0.0976	0.0000113	3.82	4.01	0.047	0.00204	7.42	0.00196	0.00986	0.000212	0.000422	0.000206	0.18	0.000007	0.000599	0.00056	0.00183	0.00055
2052 Sep	0.000217	0.000885	0.0966	0.0000116	4.07	4.23	0.0482	0.00218	7.75	0.00204	0.00991	0.000207	0.000443	0.000219	0.19	0.00000733	0.000655	0.000555	0.00182	0.000608
2052 Oct	0.000223	0.000912	0.0985	0.0000119	4.27	4.41	0.0499	0.00235	8.04	0.00211	0.0102	0.000209	0.000458	0.000231	0.198	0.00000786	0.000685	0.000565	0.00185	0.000639
2052 Nov	0.000242	0.000991	0.107	0.0000129	4.66	4.8	0.0545	0.00259	8.75	0.0023	0.0111	0.000227	0.000499	0.000253	0.216	0.00000865	0.000745	0.000614	0.00202	0.000696
2052 Dec	0.000261	0.00107	0.115	0.0000139	5.02	5.18	0.0587	0.00279	9.43	0.00247	0.012	0.000244	0.000537	0.000273	0.232	0.00000934	0.000803	0.000661	0.00217	0.00075
2053 Jan	0.000281	0.00115	0.124	0.000015	5.41	5.58	0.0632	0.00302	10.2	0.00266	0.0129	0.000263	0.000579	0.000294	0.25	0.0000101	0.000864	0.000712	0.00234	0.000808
2053 Feb	0.000305	0.00125	0.135	0.0000162	5.88	6.05	0.0687	0.00328	11	0.00289	0.014	0.000285	0.000628	0.000319	0.272	0.000011	0.000938	0.000772	0.00254	0.000877
2053 Mar	0.000324	0.00133	0.143	0.0000173	6.25	6.44	0.073	0.0035	11.7	0.00307	0.0149	0.000303	0.000668	0.00034	0.289	0.0000117	0.000997	0.000821	0.0027	0.000933
2053 Apr	0.000342	0.0014	0.151	0.0000182	6.6	6.8	0.0771	0.0037	12.4	0.00324	0.0158	0.00032	0.000705	0.000359	0.305	0.0000124	0.00105	0.000866	0.00284	0.000984
2053 May	0.000306	0.00117	0.132	0.0000149	5.36	5.64	0.0672	0.00296	10.2	0.00266	0.0131	0.000305	0.000571	0.000292	0.252	0.00000998	0.000839	0.000756	0.00235	0.000782
2053 Jun	0.000256	0.000854	0.109	0.0000105	3.3	3.78	0.0518	0.00171	6.72	0.00178	0.00957	0.000292	0.000367	0.000183	0.164	0.00000612	0.000472	0.000626	0.00174	0.000429
2053 Jul	0.000254	0.000871	0.108	0.0000108	3.58	3.98	0.0532	0.00197	6.97	0.00186	0.00991	0.000283	0.000394	0.0002	0.173	0.00000699	0.000515	0.000632	0.00181	0.000481
2053 Aug	0.000266	0.000934	0.109	0.0000117	4.35	4.65	0.0579	0.00227	7.97	0.00218	0.0101	0.000284	0.000472	0.000236	0.208	0.00000758	0.000694	0.000649	0.00186	0.000667
2053 Sep	0.000272	0.000957	0.11	0.000012	4.6	4.87	0.0601	0.00247	8.28	0.00226	0.0104	0.000287	0.000493	0.000251	0.218	0.00000819	0.000736	0.000659	0.00189	0.000713
2053 Oct	0.000276	0.000975	0.111	0.0000122	4.77	5.02	0.0616	0.00262	8.5	0.00231	0.0106	0.000288	0.000506	0.000261	0.224	0.00000869	0.000759	0.000666	0.00192	0.000739
2053 Nov	0.000283	0.001	0.114	0.0000126	4.9	5.16	0.0632	0.00272	8.74	0.00238	0.0109	0.000295	0.000518	0.000269	0.23	0.00000899	0.00078	0.000682	0.00197	0.000759
2053 Dec	0.000309	0.00109	0.125	0.0000137	5.35	5.63	0.0689	0.00296	9.53	0.00259	0.0119	0.000321	0.000565	0.000293	0.251	0.00000981	0.00085	0.000744	0.00215	0.000828
2054 Jan	0.000335	0.00119	0.135	0.0000149	5.8	6.1	0.0747	0.00322	10.3	0.00281	0.0129	0.000348	0.000613	0.000319	0.272	0.0000107	0.000921	0.000806	0.00233	0.000898
2054 Feb	0.000359	0.00127	0.145	0.0000159	6.23	6.55	0.0803	0.00347	11.1	0.00301	0.0139	0.000373	0.000657	0.000342	0.292	0.0000115	0.000989	0.000865	0.0025	0.000964
2054 Mar	0.000388	0.00138	0.157	0.0000172	6.74	7.08	0.0868	0.00376	12	0.00326	0.015	0.000403	0.000711	0.00037	0.316	0.0000124	0.00107	0.000935	0.0027	0.00104
2054 Apr	0.000411	0.00146	0.166	0.0000182	7.14	7.5	0.092	0.00399	12.7	0.00345	0.0159	0.000427	0.000753	0.000393	0.335	0.0000132	0.00113	0.00099	0.00286	0.0011
2054 May	0.000397	0.00139	0.16	0.0000173	6.74	7.12	0.0883	0.00375	12	0.00327	0.0151	0.000418	0.00071	0.000371	0.317	0.0000125	0.00106	0.000952	0.00271	0.00104
2054 Jun	0.000272	0.000892	0.112	0.000011	3.71	4.17	0.0564	0.00193	7.08	0.00194	0.00986	0.00031	0.00041	0.000205	0.183	0.00000676	0.000551	0.000664	0.00182	0.000524
2054 Jul	0.000255	0.000864	0.109	0.0000108	3.53	3.94	0.0531	0.00191	6.71	0.00185	0.00982	0.000287	0.000394	0.000197	0.172	0.00000682	0.000509	0.000637	0.00182	0.000485
2054 Aug	0.000256	0.000887	0.108	0.0000111	3.82	4.19	0.0545	0.00206	7.03	0.00196	0.00992	0.000282	0.000419	0.000212	0.184	0.00000717	0.000573	0.000632	0.00182	0.000556
2054 Sep	0.000258	0.000907	0.107	0.0000114	4.11	4.42	0.0559	0.00224	7.33	0.00206	0.01	0.000276	0.000442	0.000226	0.196	0.00000761	0.000633	0.000628	0.00182	0.000622
2054 Oct	0.000255	0.000911	0.106	0.0000114	4.18	4.46	0.0557	0.00234	7.38	0.00207	0.0101	0.000268	0.000442	0.000231	0.197	0.00000791	0.000641	0.000615	0.0018	0.000634
2054 Nov	0.000269	0.000965	0.112	0.000012	4.43	4.72	0.0587	0.00252	7.8	0.00218	0.0107	0.00028	0.000464	0.000245	0.209	0.0000085	0.000676	0.000646	0.0019	0.000669
2054 Dec	0.000291	0.00104	0.121	0.000013	4.79	5.11	0.0635	0.00273	8.44	0.00235	0.0116	0.000303	0.000502	0.000265	0.225	0.00000923	0.00073	0.000698	0.00205	0.000723
2055 Jan	0.000323	0.00116	0.134	0.0000144	5.32	5.67	0.0705	0.00304	9.36	0.00261	0.0129	0.000336	0.000557	0.000295	0.25	0.0000103	0.00081	0.000774	0.00228	0.000803
2055 Feb	0.000356	0.00128	0.148	0.0000159	5.87	6.26	0.0779	0.00336	10.3	0.00288	0.0142	0.000371	0.000615	0.000326	0.276	0.0000114	0.000894	0.000855	0.00252	0.000887
2055 Mar	0.000384	0.00138	0.16	0.0000172	6.34	6.76	0.0841	0.00363	11.2	0.00311	0.0154	0.0004	0.000664	0.000352	0.298	0.0000123	0.000965	0.000922	0.00271	0.000957
2055 Apr	0.000405	0.00145	0.168	0.0000181	6.69	7.13	0.0887	0.00384	11.8	0.00328	0.0162	0.000421	0.0007	0.000371	0.314	0.000013	0.00102	0.000972	0.00286	0.00101
2055 May	0.000424	0.00152	0.176	0.000019	7.01	7.47	0.093	0.00403	12.3	0.00343	0.017	0.000441	0.000733	0.00039	0.329	0.0000136	0.00107	0.00102	0.003	0.00106
2055 Jun	0.000227	0.000875	0.104	0.0000115	3.6	3.88	0.0484	0.002	6.53	0.00189	0.0104	0.000235	0.00041	0.000199	0.17	0.00000716	0.000526	0.00061	0.00195	0.000512
2055 Jul	0.000195	0.000792	0.0954	0.0000108	3.15	3.37	0.0418	0.00184	5.67	0.00167	0.00983	0.000199	0.00037	0.000177	0.146	0.00000682	0.000437	0.00056	0.0019	0.000426
2055 Aug	0.000203	0.000831	0.0963	0.0000113	3.6	3.76	0.045	0.00209	6.15	0.00185	0.0101	0.0002	0.000412	0.0002	0.165	0.00000747	0.00053	0.000571	0.00193	0.000531
2055 Sep	0.000205	0.000849	0.0955	0.0000115	3.87	3.98	0.0464	0.00224	6.42	0.00194	0.0101	0.000196	0.000434	0.000214	0.177	0.00000782	0.000587	0.000567	0.00193	0.000598
2055 Oct	0.000207	0.000858	0.0959	0.0000116	3.99	4.08	0.0474	0.00238	6.54	0.00197	0.0103	0.000196	0.000441	0.000222	0.181	0.00000828	0.000601	0.000569	0.00194	0.000616
2055 Nov	0.000212	0.00088	0.0982	0.0000119	4.11	4.2	0.0487	0.00247	6.72	0.00201	0.0106	0.0002	0.000452	0.000229	0.185	0.00000861	0.000617	0.000582	0.00198	0.000633
2055 Dec	0.000223	0.000923	0.103	0.0000125	4.31	4.41	0.0511	0.0026	7.05	0.00211	0.0111	0.00021	0.000474	0.000241	0.195	0.00000905	0.000647	0.00061	0.00208	0.000664
2056 Jan	0.00024	0.000996	0.111	0.0000135	4.65	4.76	0.0552	0.00281	7.61	0.00228	0.012	0.000226	0.000512	0.00026	0.21	0.00000979	0.000698	0.000659	0.00225	0.000716
2056 Feb	0.000262	0.00108	0.121	0.0000147	5.07	5.18	0.0601	0.00307	8.28	0.00248	0.013	0.000246	0.000557	0.000283	0.228	0.0000107	0.000759	0.000716	0.00244	0.00078
2056 Mar	0.000282	0.00117	0.13	0.0000158	5.47	5.59	0.0649	0.00332	8.93	0.00267	0.0141	0.000265	0.0006	0.000306	0.246	0.0000115	0.000819	0.000772	0.00263	0.000841
2056 Apr	0.000299	0.00124	0.138	0.0000167	5.79	5.91	0.0687	0.00352	9.45	0.00283	0.0149	0.000281	0.000635	0.000324	0.261	0.0000122	0.000866	0.000817	0.00279	0.00089
2056 May	0.000292	0.00115	0.132	0.0000152	5.21	5.43	0.0655	0.00313	8.68	0.00258	0.0136	0.00029	0.000571	0.000292	0.238	0.0000109	0.000768	0.000779	0.00254	0.000786

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Jun	0.000279	0.000876	0.118	0.0000106	3.22	3.8	0.0557	0.00174	6.14	0.00176	0.01	0.000332	0.000363	0.000183	0.162	0.00000644	0.000425	0.000684	0.00184	0.000419
2056 Jul	0.000281	0.000895	0.119	0.0000109	3.44	3.97	0.0573	0.00198	6.33	0.00182	0.0104	0.00033	0.00038	0.000198	0.169	0.00000727	0.00045	0.000691	0.00189	0.000452
2056 Aug	0.000286	0.000934	0.118	0.0000115	3.95	4.41	0.0601	0.00221	6.81	0.00202	0.0105	0.000325	0.000429	0.000223	0.191	0.00000777	0.000567	0.000693	0.00191	0.000589
2056 Sep	0.000291	0.000967	0.118	0.0000119	4.38	4.78	0.0627	0.00241	7.22	0.00219	0.0106	0.000324	0.00047	0.000244	0.21	0.00000824	0.000663	0.000699	0.00193	0.000702
2056 Oct	0.00028	0.000941	0.114	0.0000116	4.25	4.62	0.0603	0.00239	7	0.00211	0.0104	0.000307	0.000451	0.000237	0.203	0.00000814	0.000639	0.000668	0.00186	0.000676
2056 Nov	0.000296	0.000998	0.12	0.0000122	4.5	4.89	0.0637	0.00254	7.42	0.00223	0.011	0.000324	0.000476	0.000251	0.215	0.00000867	0.000674	0.000706	0.00197	0.000714
2056 Dec	0.000323	0.00109	0.132	0.0000134	4.92	5.35	0.0697	0.00278	8.11	0.00244	0.0121	0.000354	0.00052	0.000275	0.235	0.0000095	0.000737	0.000771	0.00215	0.00078
2057 Jan	0.00035	0.00118	0.143	0.0000145	5.33	5.8	0.0755	0.00302	8.78	0.00264	0.0131	0.000384	0.000563	0.000298	0.254	0.0000103	0.000798	0.000835	0.00233	0.000845
2057 Feb	0.000384	0.0013	0.156	0.0000159	5.86	6.36	0.0829	0.00333	9.64	0.0029	0.0143	0.000421	0.000618	0.000327	0.279	0.0000113	0.000876	0.000917	0.00256	0.000928
2057 Mar	0.000413	0.00139	0.168	0.0000171	6.3	6.84	0.0891	0.00359	10.4	0.00311	0.0154	0.000452	0.000665	0.000352	0.3	0.0000122	0.000941	0.000985	0.00275	0.000997
2057 Apr	0.000439	0.00148	0.179	0.0000181	6.71	7.28	0.0949	0.00383	11	0.00331	0.0164	0.000481	0.000707	0.000375	0.319	0.0000131	0.001	0.00105	0.00292	0.00106
2057 May	0.000433	0.00145	0.176	0.0000177	6.51	7.1	0.0932	0.00371	10.8	0.00322	0.016	0.000477	0.000686	0.000365	0.311	0.0000127	0.000968	0.00103	0.00285	0.00103
2057 Jun	0.000256	0.000838	0.11	0.0000104	3.19	3.68	0.0519	0.0017	5.75	0.00173	0.0096	0.000298	0.000361	0.000179	0.159	0.00000624	0.000438	0.000641	0.00178	0.000449
2057 Jul	0.000248	0.000834	0.108	0.0000105	3.17	3.62	0.0506	0.00175	5.66	0.00172	0.00978	0.000285	0.000363	0.00018	0.156	0.0000065	0.000428	0.000636	0.00183	0.000441
2057 Aug	0.000261	0.000896	0.11	0.0000114	3.85	4.22	0.0554	0.00205	6.3	0.00199	0.0101	0.00029	0.000431	0.000213	0.186	0.00000719	0.000576	0.00066	0.0019	0.000619
2057 Sep	0.000264	0.000912	0.111	0.0000115	4.05	4.39	0.0569	0.00221	6.48	0.00205	0.0103	0.000289	0.000447	0.000224	0.193	0.00000768	0.00061	0.000663	0.00192	0.000661
2057 Oct	0.000264	0.000914	0.11	0.0000115	4.11	4.43	0.0572	0.00232	6.52	0.00206	0.0104	0.000287	0.000448	0.000229	0.195	0.00000803	0.000613	0.00066	0.00191	0.000667
2057 Nov	0.000284	0.000984	0.119	0.0000124	4.46	4.8	0.062	0.00256	7.05	0.00221	0.0112	0.000308	0.000483	0.00025	0.21	0.00000887	0.000661	0.00071	0.00206	0.00072
2057 Dec	0.00031	0.00107	0.13	0.0000135	4.86	5.23	0.0675	0.0028	7.68	0.00241	0.0122	0.000336	0.000526	0.000272	0.229	0.00000969	0.00072	0.000773	0.00224	0.000785
2058 Jan	0.000336	0.00116	0.14	0.0000147	5.27	5.67	0.0732	0.00304	8.33	0.00261	0.0132	0.000364	0.00057	0.000296	0.248	0.0000105	0.00078	0.000838	0.00243	0.000851
2058 Feb	0.00037	0.00128	0.155	0.0000162	5.81	6.24	0.0807	0.00335	9.18	0.00288	0.0146	0.000401	0.000628	0.000326	0.273	0.0000116	0.000859	0.000923	0.00268	0.000937
2058 Mar	0.000399	0.00138	0.167	0.0000174	6.27	6.74	0.0871	0.00363	9.9	0.0031	0.0157	0.000432	0.000677	0.000352	0.295	0.0000126	0.000926	0.000995	0.00289	0.00101
2058 Apr	0.000426	0.00147	0.178	0.0000186	6.69	7.19	0.093	0.00388	10.6	0.00331	0.0168	0.000461	0.000723	0.000376	0.315	0.0000134	0.000989	0.00106	0.00308	0.00108
2058 May	0.000405	0.00135	0.167	0.0000168	5.97	6.54	0.087	0.00342	9.63	0.00299	0.0153	0.000452	0.000645	0.000336	0.285	0.0000119	0.00087	0.000995	0.00279	0.000947
2058 Jun	0.000303	0.00089	0.125	0.0000105	3.09	3.81	0.0592	0.00158	5.84	0.00175	0.01	0.000376	0.000354	0.000176	0.161	0.00000598	0.000394	0.000732	0.00185	0.000408
2058 Jul	0.000291	0.000886	0.122	0.0000107	3.18	3.82	0.0579	0.00172	5.8	0.00176	0.0102	0.000355	0.000364	0.000183	0.162	0.00000652	0.000403	0.000721	0.0019	0.000425
2058 Aug	0.000299	0.000931	0.123	0.0000113	3.73	4.29	0.0613	0.00196	6.25	0.00198	0.0104	0.000355	0.000419	0.000209	0.186	0.00000704	0.000528	0.000732	0.00193	0.000581
2058 Sep	0.000298	0.000944	0.121	0.0000115	3.92	4.44	0.0618	0.00208	6.39	0.00205	0.0104	0.000347	0.000433	0.000219	0.194	0.00000733	0.00057	0.000723	0.00192	0.000635
2058 Oct	0.000299	0.000957	0.122	0.0000116	4.05	4.55	0.0626	0.00223	6.51	0.00207	0.0107	0.000344	0.000439	0.000227	0.198	0.00000782	0.000585	0.000721	0.00193	0.000655
2058 Nov	0.00032	0.00103	0.13	0.0000124	4.39	4.91	0.0674	0.00248	7.01	0.00222	0.0115	0.000367	0.000472	0.000247	0.213	0.00000865	0.000629	0.000771	0.00207	0.000707
2058 Dec	0.00035	0.00112	0.142	0.0000136	4.79	5.36	0.0736	0.00271	7.66	0.00243	0.0125	0.0004	0.000515	0.00027	0.232	0.00000946	0.000687	0.000841	0.00226	0.000772
2059 Jan	0.000387	0.00124	0.157	0.000015	5.31	5.93	0.0815	0.00301	8.47	0.00268	0.0139	0.000443	0.00057	0.0003	0.257	0.0000105	0.00076	0.000931	0.0025	0.000854
2059 Feb	0.000422	0.00135	0.172	0.0000164	5.8	6.48	0.089	0.00329	9.25	0.00293	0.0152	0.000483	0.000622	0.000327	0.281	0.0000115	0.000829	0.00102	0.00273	0.000932
2059 Mar	0.000457	0.00146	0.185	0.0000177	6.27	7.01	0.0963	0.00357	10	0.00317	0.0164	0.000522	0.000673	0.000355	0.303	0.0000125	0.000897	0.0011	0.00295	0.00101
2059 Apr	0.000488	0.00156	0.198	0.0000189	6.7	7.48	0.103	0.00382	10.7	0.00338	0.0175	0.000557	0.000718	0.000379	0.324	0.0000133	0.000957	0.00117	0.00315	0.00108
2059 May	0.000461	0.00145	0.186	0.0000174	6.13	6.91	0.0964	0.00347	9.9	0.00311	0.0162	0.000533	0.000657	0.000347	0.299	0.0000122	0.000868	0.0011	0.0029	0.000974
2059 Jun	0.000335	0.000964	0.134	0.0000111	3.58	4.34	0.0666	0.00192	6.37	0.00193	0.0106	0.000414	0.00039	0.000205	0.184	0.000007	0.000469	0.000782	0.0019	0.000513
2059 Jul	0.000344	0.000993	0.137	0.0000114	3.78	4.52	0.0692	0.00216	6.62	0.00199	0.0111	0.000422	0.000406	0.000219	0.191	0.00000785	0.000483	0.000804	0.00197	0.000533
2059 Aug	0.000355	0.00104	0.139	0.000012	4.22	4.91	0.0728	0.00241	7	0.00216	0.0115	0.000429	0.000447	0.000243	0.21	0.00000855	0.000569	0.000823	0.00202	0.000644
2059 Sep	0.000356	0.00105	0.139	0.0000122	4.47	5.12	0.074	0.00255	7.18	0.00225	0.0115	0.000423	0.00047	0.000255	0.22	0.00000887	0.000626	0.00082	0.00203	0.000718
2059 Oct	0.000331	0.00103	0.132	0.0000118	4.18	4.8	0.0678	0.00242	6.85	0.00212	0.0113	0.000381	0.000428	0.000237	0.206	0.00000839	0.000578	0.000753	0.00191	0.000658
2059 Nov	0.000344	0.00108	0.138	0.0000124	4.36	5.01	0.0705	0.00254	7.16	0.00221	0.0119	0.000394	0.000444	0.000248	0.215	0.00000884	0.0006	0.000782	0.002	0.000683
2059 Dec	0.000376	0.00118	0.15	0.0000135	4.77	5.48	0.077	0.00279	7.82	0.00241	0.013	0.00043	0.000485	0.000271	0.234	0.0000097	0.000655	0.000853	0.00218	0.000746
2060 Jan	0.000403	0.00126	0.161	0.0000145	5.11	5.87	0.0825	0.003	8.38	0.00258	0.014	0.000461	0.000519	0.000291	0.251	0.0000104	0.000701	0.000914	0.00233	0.000799
2060 Feb	0.000438	0.00137	0.175	0.0000158	5.57	6.39	0.0898	0.00327	9.13	0.0028	0.0152	0.000502	0.000565	0.000317	0.274	0.0000114	0.000763	0.000995	0.00254	0.00087
2060 Mar	0.000473	0.00148	0.189	0.000017	6.02	6.91	0.0971	0.00355	9.86	0.00303	0.0164	0.000542	0.000611	0.000343	0.295	0.0000123	0.000824	0.00107	0.00274	0.00094
2060 Apr	0.000501	0.00157	0.2	0.000018	6.38	7.31	0.103	0.00377	10.4	0.0032	0.0174	0.000573	0.000646	0.000364	0.313	0.0000131	0.000873	0.00114	0.0029	0.000995
2060 May	0.00043	0.00129	0.17	0.0000146	5.06	5.95	0.0867	0.00293	8.56	0.00259	0.0142	0.000506	0.000514	0.00029	0.253	0.0000103	0.000678	0.000964	0.00236	0.000767
2060 Jun	0.000346	0.000973	0.138	0.0000107	3.31	4.19	0.0667	0.00178	6.21	0.00183	0.0107	0.000431	0.000351	0.000191	0.175	0.00000657	0.000404	0.000782	0.00182	0.000442
2060 Jul	0.000349	0.000996	0.139	0.0000111	3.53	4.37	0.0685	0.00203	6.41	0.0019	0.0111	0.00043	0.000371	0.000206	0.182	0.00000746	0.000428	0.000796	0.0019	0.000477
2060 Aug	0.000352	0.00103	0.138	0.0000117	4.06	4.8	0.0709	0.00223	6.73	0.00211	0.0112	0.000423	0.000422	0.00023	0.205	0.00000782	0.000555	0.000795	0.00191	0.000647
2060 Sep	0.000338	0.00103	0.132	0.0000117	4.19	4.85	0.0689	0.00229	6.69	0.00215	0.0109	0.000395	0.000429	0.000235	0.21	0.00000785	0.000597	0.000753	0.00185	0.000706
2060 Oct	0.000334	0.00102	0.131	0.0000116	4.2	4.84	0.0681	0.00235	6.68	0.00213	0.011	0.000385	0.000425	0.000237	0.209	0.00000804	0.000595	0.000739	0.00184	0.000706
2060 Nov	0.000347	0.00107	0.136	0.0000122	4.38	5.04	0.0708	0.00246	6.97	0.00222	0.0115	0.000399	0.00044	0.000247	0.218	0.00000844	0.000618	0.000767	0.00191	0.000732
2060 Dec	0.000371	0.00114	0.145	0.000013	4.68	5.39	0.0757	0.00264	7.46	0.00237	0.0123	0.000426	0.000471	0.000264	0.233	0.00000906	0.00066	0.00082	0.00204	0.000782
2061 Jan	0.000399	0.00123	0.157	0.000014	5.04	5.81	0.0815	0.00285	8.03	0.00255	0.0133	0.000458	0.000507	0.000285	0.25	0.00000978	0.00071	0.000882	0.0022	0.000843
2061 Feb	0.000431	0.00133	0.169	0.0000151	5.46	6.28	0.0882	0.0031	8.68	0.00276	0.0144	0.000495	0.000548	0.000308	0.271	0.0000106	0.000768	0.000954	0.00238	0.000911
2061 Mar	0.000462	0.00143	0.181	0.0000162	5.85	6.73	0.0945	0.00333	9.3	0.00295	0.0154	0.00053	0.000587	0.000331	0.29	0.0000114	0.000823	0.00102	0.00255	0.000976
2061 Apr	0.000488	0.00151	0.192	0.0000171	6.19	7.12	0.1	0.00353	9.84	0.00312	0.0163	0.000561	0.000621	0.00035	0.307	0.0000121	0.00087	0.00108	0.00269	0.00103
2061 May	0.000435	0.00129	0.169	0.0000143	5.09	6	0.0875	0.00284	8.37	0.00261	0.0138	0.000515	0.00051	0.000289	0.257	0.00000983	0.000697	0.000952	0.00227	0.000822
2061 Jun	0.00035	0.000942	0.136	0.0000101	3.13	4.06	0.0667	0.00159	5.92	0.00176	0.01	0.000446	0.000328	0.00018	0.17	0.00000589	0.00038	0.00077	0.00169	0.000429
2061 Jul	0.000354	0.00097	0.137	0.0000105	3.43	4.31	0.0688	0.00184	6.15	0.00186	0.0104	0.000444	0.000356	0.000198	0.181	0.00000668	0.000429	0.000782	0.00176	0.0005
2061 Aug	0.000364	0.00102	0.138	0.0000112	4.02	4.83	0.0728	0.00211	6.54	0.0021	0.0107	0.000447	0.000414	0.000227	0.207	0.00000734	0.000557	0.000798	0.00181	0.000678
2061 Sep	0.000365	0.00103	0.138	0.0000114	4.21	4.98	0.0739	0.00226	6.66	0.00216	0.0108	0.000443	0.000429	0.000238	0.215	0.00000775	0.000594	0.000797	0.00181	0.00073
2061 Oct	0.000356	0.00103	0.135	0.0000113	4.19	4.93	0.072	0.0023	6.6	0.00213	0.0108	0.000425	0.000421	0.000237	0.212	0.00000785	0.00059	0.000771	0.00178	0.000726
2061 Nov	0.000383	0.00111	0.146	0.0000122	4.54	5.33	0.0777	0.00253	7.16	0.0023	0.0117	0.000456	0.000453	0.000257	0.229	0.00000863	0.000636	0.00083	0.00192	0.000783
2061 Dec	0.000415	0.0012	0.158	0.0000132	4.92	5.77	0.0841	0.00274	7.74	0.00249	0.0127	0.000493	0.00049	0.000279	0.248	0.00000937	0.000688	0.000897	0.00208	0.000847

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2062 Jan	0.000449	0.0013	0.171	0.0000143	5.33	6.25	0.0911	0.00298	8.38	0.00269	0.0137	0.000533	0.000531	0.000302	0.268	0.0000102	0.000745	0.000971	0.00225	0.000917
2062 Feb	0.00048	0.00139	0.182	0.0000153	5.7	6.68	0.0974	0.00319	8.97	0.00288	0.0147	0.00057	0.000568	0.000323	0.287	0.0000109	0.000796	0.00104	0.00241	0.000981
2062 Mar	0.000513	0.00149	0.195	0.0000164	6.1	7.15	0.104	0.00343	9.58	0.00307	0.0157	0.000609	0.000607	0.000346	0.307	0.0000117	0.000851	0.00111	0.00257	0.00105
2062 Apr	0.00054	0.00157	0.205	0.0000172	6.43	7.54	0.11	0.00362	10.1	0.00324	0.0166	0.000642	0.00064	0.000365	0.323	0.0000124	0.000897	0.00117	0.00271	0.00111
2062 May	0.000567	0.00164	0.215	0.0000181	6.76	7.91	0.115	0.00382	10.6	0.0034	0.0174	0.000673	0.000671	0.000384	0.339	0.000013	0.000941	0.00123	0.00284	0.00116
2062 Jun	0.000335	0.00104	0.137	0.0000122	3.95	4.65	0.0672	0.00217	6.42	0.0021	0.0116	0.000395	0.000422	0.000224	0.199	0.00000776	0.000533	0.000786	0.00203	0.000645
2062 Jul	0.000261	0.00087	0.115	0.0000108	3.14	3.67	0.0523	0.00177	5.2	0.00172	0.0103	0.000301	0.000356	0.000179	0.156	0.00000663	0.000404	0.000661	0.00188	0.000483
2062 Aug	0.000261	0.000896	0.113	0.0000112	3.54	3.99	0.0538	0.00195	5.39	0.00187	0.0103	0.000292	0.000391	0.000198	0.173	0.00000701	0.000497	0.00065	0.00187	0.000619
2062 Sep	0.000259	0.000907	0.11	0.0000113	3.75	4.15	0.0541	0.00207	5.47	0.00194	0.0103	0.00028	0.000406	0.000208	0.181	0.00000723	0.000548	0.000634	0.00184	0.000694
2062 Oct	0.00025	0.000906	0.108	0.0000111	3.68	4.07	0.0521	0.00209	5.43	0.00189	0.0103	0.000264	0.000389	0.000205	0.177	0.00000728	0.000531	0.000606	0.00179	0.000671
2062 Nov	0.000269	0.000975	0.117	0.000012	3.98	4.39	0.0562	0.0023	5.86	0.00203	0.0111	0.000283	0.000418	0.000222	0.191	0.00000802	0.00057	0.000651	0.00193	0.000721
2062 Dec	0.000294	0.00106	0.127	0.0000131	4.36	4.8	0.0614	0.00254	6.4	0.00222	0.0122	0.000308	0.000456	0.000244	0.208	0.00000884	0.000622	0.00071	0.0021	0.000788
2063 Jan	0.00032	0.00116	0.138	0.0000142	4.75	5.23	0.0669	0.00277	6.97	0.00241	0.0132	0.000335	0.000497	0.000266	0.227	0.00000966	0.000677	0.000772	0.00229	0.000857
2063 Feb	0.000347	0.00126	0.15	0.0000154	5.16	5.68	0.0727	0.00303	7.57	0.00262	0.0144	0.000364	0.00054	0.000289	0.247	0.0000105	0.000736	0.000838	0.00248	0.000932
2063 Mar	0.000378	0.00137	0.163	0.0000168	5.62	6.18	0.0792	0.00331	8.24	0.00285	0.0157	0.000396	0.000587	0.000315	0.268	0.0000115	0.0008	0.000911	0.0027	0.00101
2063 Apr	0.000401	0.00145	0.173	0.0000178	5.97	6.56	0.084	0.00352	8.74	0.00302	0.0166	0.000419	0.000622	0.000335	0.284	0.0000123	0.000848	0.000966	0.00286	0.00107
2063 May	0.000385	0.00135	0.164	0.0000164	5.48	6.1	0.0799	0.00322	8.17	0.00279	0.0154	0.000412	0.000571	0.000308	0.264	0.0000112	0.00077	0.000918	0.00265	0.000974
2063 Jun	0.000275	0.000864	0.118	0.0000103	2.83	3.49	0.0529	0.00148	5.03	0.00163	0.00994	0.000331	0.000321	0.000161	0.147	0.00000568	0.000347	0.000672	0.00179	0.000417
2063 Jul	0.000255	0.000841	0.113	0.0000104	2.91	3.45	0.0504	0.00164	4.89	0.00162	0.01	0.000298	0.000333	0.000167	0.146	0.00000626	0.000359	0.000649	0.00184	0.000442
2063 Aug	0.000263	0.000885	0.113	0.000011	3.43	3.9	0.0538	0.00191	5.2	0.00183	0.0103	0.000298	0.000382	0.000194	0.168	0.00000695	0.000469	0.000659	0.00188	0.000607
2063 Sep	0.000262	0.000893	0.113	0.0000111	3.55	3.99	0.0542	0.00204	5.28	0.00185	0.0104	0.000292	0.000386	0.000201	0.172	0.00000735	0.000486	0.000648	0.00187	0.000634
2063 Oct	0.000248	0.000862	0.108	0.0000106	3.41	3.82	0.0514	0.00203	5.09	0.00176	0.0101	0.000272	0.000364	0.000194	0.164	0.00000726	0.00046	0.00061	0.00178	0.0006
2063 Nov	0.000262	0.00091	0.113	0.0000112	3.6	4.03	0.0542	0.00216	5.38	0.00185	0.0106	0.000286	0.000383	0.000205	0.173	0.00000772	0.000485	0.000642	0.00187	0.000632
2063 Dec	0.000276	0.00096	0.12	0.0000118	3.8	4.26	0.0573	0.00228	5.68	0.00196	0.0112	0.000302	0.000404	0.000217	0.182	0.00000815	0.000512	0.000678	0.00197	0.000667
2064 Jan	0.000297	0.00103	0.129	0.0000127	4.09	4.58	0.0616	0.00246	6.11	0.0021	0.0121	0.000324	0.000435	0.000233	0.196	0.00000879	0.00055	0.000729	0.00212	0.000717
2064 Feb	0.00032	0.00111	0.139	0.0000137	4.41	4.94	0.0664	0.00265	6.58	0.00227	0.013	0.000349	0.000469	0.000252	0.211	0.00000949	0.000593	0.000785	0.00229	0.000773
2064 Mar	0.000338	0.00117	0.146	0.0000145	4.66	5.21	0.0701	0.00281	6.95	0.00239	0.0137	0.000369	0.000495	0.000266	0.223	0.00001	0.000625	0.000828	0.00241	0.000816
2064 Apr	0.000359	0.00125	0.155	0.0000154	4.96	5.55	0.0746	0.003	7.39	0.00254	0.0146	0.000392	0.000526	0.000283	0.237	0.0000107	0.000665	0.00088	0.00257	0.000867
2064 May	0.00035	0.00115	0.148	0.0000138	4.4	5.06	0.0712	0.0026	6.83	0.0023	0.0133	0.000398	0.000466	0.000252	0.215	0.00000939	0.000575	0.000839	0.00232	0.000745
2064 Jun	0.000316	0.000873	0.128	0.00000971	2.67	3.54	0.0595	0.00138	5.14	0.00157	0.00976	0.000404	0.000295	0.000156	0.146	0.00000544	0.000292	0.000729	0.00171	0.000353
2064 Jul	0.000317	0.000894	0.129	0.0000101	2.93	3.74	0.0609	0.0016	5.29	0.00166	0.01	0.000399	0.000319	0.000171	0.155	0.00000611	0.000336	0.000732	0.00176	0.000423
2064 Aug	0.000318	0.000924	0.127	0.0000105	3.38	4.11	0.0628	0.00181	5.47	0.00183	0.0101	0.000391	0.000362	0.000193	0.175	0.00000657	0.000442	0.000727	0.00176	0.000588
2064 Sep	0.00031	0.000925	0.124	0.0000106	3.5	4.17	0.0619	0.00191	5.48	0.00185	0.0101	0.000373	0.000366	0.000199	0.178	0.00000683	0.000467	0.000701	0.00173	0.000629
2064 Oct	0.000314	0.000944	0.125	0.0000108	3.64	4.3	0.0632	0.00209	5.64	0.00189	0.0104	0.000373	0.000373	0.000209	0.183	0.00000742	0.00048	0.000706	0.00176	0.000649
2064 Nov	0.000331	0.000996	0.132	0.0000113	3.86	4.55	0.0669	0.00224	5.96	0.00199	0.011	0.000393	0.000394	0.000222	0.193	0.00000796	0.000507	0.000744	0.00185	0.000686
2064 Dec	0.000353	0.00106	0.141	0.0000121	4.12	4.85	0.0714	0.0024	6.36	0.00212	0.0117	0.000419	0.00042	0.000237	0.206	0.0000085	0.000541	0.000794	0.00198	0.000732
2065 Jan	0.000382	0.00115	0.152	0.0000131	4.46	5.25	0.0772	0.0026	6.87	0.00229	0.0127	0.000453	0.000455	0.000257	0.223	0.00000922	0.000585	0.000858	0.00214	0.000791
2065 Feb	0.000412	0.00124	0.164	0.0000141	4.81	5.66	0.0833	0.00281	7.42	0.00247	0.0137	0.000489	0.00049	0.000278	0.24	0.00000997	0.000631	0.000926	0.00231	0.000854
2065 Mar	0.000438	0.00131	0.174	0.000015	5.12	6.02	0.0885	0.003	7.88	0.00263	0.0145	0.000519	0.000521	0.000295	0.255	0.0000106	0.00067	0.000983	0.00245	0.000907
2065 Apr	0.00046	0.00138	0.183	0.0000157	5.38	6.33	0.0931	0.00316	8.29	0.00276	0.0153	0.000545	0.000548	0.000311	0.268	0.0000112	0.000704	0.00103	0.00257	0.000953
2065 May	0.000411	0.0012	0.162	0.0000134	4.54	5.44	0.0822	0.00264	7.2	0.00236	0.0131	0.000496	0.000462	0.000263	0.23	0.00000943	0.000582	0.000914	0.00221	0.000784
2065 Jun	0.00032	0.00091	0.13	0.0000103	3.01	3.82	0.0616	0.00164	5.34	0.00169	0.0102	0.000401	0.000326	0.000176	0.159	0.00000623	0.00035	0.000738	0.00178	0.000453
2065 Jul	0.000316	0.000924	0.13	0.0000107	3.21	3.96	0.062	0.00182	5.42	0.00176	0.0105	0.00039	0.000348	0.000187	0.165	0.00000683	0.000383	0.000742	0.00185	0.000508
2065 Aug	0.000324	0.000962	0.131	0.0000112	3.64	4.34	0.065	0.00205	5.66	0.00193	0.0107	0.000391	0.000389	0.00021	0.184	0.00000744	0.000474	0.000753	0.00189	0.000652
2065 Sep	0.000315	0.00096	0.127	0.0000112	3.73	4.37	0.0636	0.0021	5.62	0.00195	0.0106	0.000372	0.000392	0.000213	0.187	0.00000747	0.000501	0.000725	0.00185	0.000697
2065 Oct	0.000298	0.000948	0.121	0.000011	3.71	4.29	0.0602	0.00213	5.51	0.00191	0.0105	0.00034	0.000379	0.00021	0.184	0.00000746	0.000505	0.000677	0.00176	0.000707
2065 Nov	0.000317	0.00102	0.129	0.0000117	3.99	4.61	0.0643	0.00234	5.91	0.00204	0.0113	0.000358	0.000404	0.000227	0.197	0.00000819	0.000541	0.000717	0.00188	0.000758
2065 Dec	0.000343	0.0011	0.14	0.0000127	4.34	5	0.0698	0.00256	6.42	0.00221	0.0123	0.000388	0.000438	0.000247	0.214	0.00000895	0.000587	0.000777	0.00204	0.000822
2066 Jan	0.000366	0.00117	0.149	0.0000135	4.63	5.33	0.0745	0.00274	6.85	0.00236	0.0131	0.000414	0.000467	0.000264	0.228	0.00000959	0.000626	0.000829	0.00217	0.000877
2066 Feb	0.000389	0.00125	0.158	0.0000144	4.93	5.67	0.0791	0.00292	7.27	0.0025	0.0139	0.000439	0.000496	0.000281	0.242	0.0000102	0.000664	0.00088	0.0023	0.000931
2066 Mar	0.000409	0.00131	0.166	0.0000151	5.19	5.97	0.0834	0.00309	7.66	0.00263	0.0146	0.000462	0.000522	0.000296	0.255	0.0000108	0.000699	0.000926	0.00242	0.000981
2066 Apr	0.000434	0.00139	0.176	0.000016	5.51	6.34	0.0885	0.0033	8.13	0.00279	0.0155	0.00049	0.000554	0.000315	0.27	0.0000115	0.000742	0.000981	0.00257	0.00104
2066 May	0.000444	0.00142	0.18	0.0000163	5.62	6.46	0.0905	0.00338	8.29	0.00284	0.0158	0.000502	0.000564	0.000322	0.275	0.0000118	0.000753	0.001	0.00261	0.00106
2066 Jun	0.000265	0.000856	0.115	0.0000103	2.95	3.53	0.0521	0.00169	4.85	0.00163	0.01	0.00031	0.000325	0.00017	0.148	0.00000638	0.00036	0.00065	0.00178	0.000486
2066 Jul	0.000259	0.000867	0.114	0.0000107	3.1	3.62	0.0519	0.00183	4.89	0.00168	0.0103	0.000298	0.000345	0.000179	0.153	0.00000686	0.000385	0.000652	0.00186	0.00053
2066 Aug	0.000266	0.000901	0.116	0.0000111	3.47	3.94	0.0547	0.00207	5.11	0.00182	0.0106	0.0003	0.000378	0.000199	0.168	0.00000754	0.000455	0.000663	0.0019	0.000645
2066 Sep	0.000266	0.00091	0.115	0.0000112	3.61	4.06	0.0553	0.0022	5.18	0.00185	0.0107	0.000295	0.000386	0.000207	0.173	0.00000792	0.000479	0.000657	0.00189	0.000687
2066 Oct	0.000262	0.000912	0.113	0.0000112	3.67	4.08	0.0548	0.00231	5.21	0.00184	0.0108	0.000283	0.000383	0.000211	0.174	0.00000825	0.000484	0.000639	0.00186	0.000697
2066 Nov	0.000272	0.000952	0.117	0.0000116	3.88	4.29	0.0573	0.0025	5.46	0.00193	0.0113	0.000292	0.0004	0.000225	0.182	0.0000089	0.000509	0.000662	0.00193	0.000736
2066 Dec	0.000294	0.00103	0.127	0.0000126	4.19	4.63	0.0619	0.0027	5.89	0.00208	0.0122	0.000315	0.000432	0.000243	0.197	0.00000961	0.000549	0.000714	0.00209	0.000794
2067 Jan	0.000314	0.0011	0.136	0.0000135	4.49	4.96	0.0663	0.0029	6.32	0.00222	0.0131	0.000337	0.000462	0.00026	0.211	0.0000103	0.000588	0.000764	0.00224	0.00085
2067 Feb	0.000336	0.00117	0.145	0.0000144	4.8	5.31	0.0709	0.00311	6.75	0.00238	0.014	0.00036	0.000494	0.000278	0.225	0.000011	0.000629	0.000816	0.00239	0.000908
2067 Mar	0.000359	0.00125	0.155	0.0000153	5.13	5.67	0.0757	0.00333	7.21	0.00254	0.0149	0.000385	0.000528	0.000298	0.24	0.0000118	0.000671	0.000872	0.00255	0.00097
2067 Apr	0.000383	0.00134	0.165	0.0000164	5.48	6.05	0.0809	0.00356	7.7	0.00271	0.0159	0.00041	0.000563	0.000318	0.257	0.0000127	0.000716	0.00093	0.00272	0.00104
2067 May	0.000346	0.00117	0.147	0.0000141	4.67	5.25	0.0722	0.00301	6.74	0.00233	0.0138	0.000382	0.000479	0.000272	0.222	0.0000107	0.0006	0.00083	0.00234	0.000864
2067 Jun	0.000275	0.000841	0.116	0.00000984	2.92	3.54	0.0542	0.00177	4.84	0.00158	0.00985	0.00033	0.000313	0.000172	0.147	0.00000666	0.000338	0.000656	0.00171	0.000468
2067 Jul	0.00028	0.000869	0.118	0.0000103	3.18	3.76	0.0563	0.00199	5.02	0.00166	0.0102	0.000331	0.000337	0.000188	0.157	0.00000738	0.000377	0.00067	0.00178	0.000535

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 Aug	0.000282	0.000893	0.118	0.0000106	3.46	4	0.0579	0.00218	5.16	0.00176	0.0104	0.000328	0.00036	0.000203	0.168	0.00000792	0.000432	0.000668	0.00179	0.000631
2067 Sep	0.000282	0.000902	0.117	0.0000107	3.6	4.11	0.0585	0.00231	5.23	0.0018	0.0105	0.000322	0.000369	0.000212	0.173	0.0000083	0.000456	0.000661	0.00179	0.000673
2067 Oct	0.000276	0.000906	0.115	0.0000107	3.65	4.13	0.0576	0.00239	5.25	0.0018	0.0106	0.000309	0.000366	0.000214	0.174	0.00000851	0.000465	0.000643	0.00176	0.000689
2067 Nov	0.000287	0.000948	0.12	0.0000112	3.85	4.33	0.0601	0.00258	5.51	0.00188	0.0111	0.000318	0.000382	0.000227	0.182	0.00000914	0.000486	0.000665	0.00183	0.000722
2067 Dec	0.000306	0.00101	0.127	0.0000119	4.1	4.62	0.0641	0.00275	5.87	0.002	0.0118	0.000339	0.000406	0.000242	0.194	0.00000975	0.000518	0.000708	0.00195	0.000769
2068 Jan	0.000323	0.00107	0.135	0.0000126	4.34	4.88	0.0678	0.00291	6.2	0.00211	0.0125	0.000358	0.00043	0.000256	0.205	0.0000103	0.000547	0.000748	0.00206	0.000813
2068 Feb	0.000349	0.00115	0.145	0.0000135	4.69	5.27	0.0731	0.00315	6.69	0.00228	0.0135	0.000386	0.000464	0.000276	0.221	0.0000112	0.00059	0.000807	0.00222	0.000877
2068 Mar	0.00037	0.00122	0.154	0.0000144	4.97	5.59	0.0776	0.00335	7.1	0.00241	0.0143	0.00041	0.000492	0.000293	0.234	0.0000119	0.000626	0.000856	0.00236	0.000931
2068 Apr	0.000388	0.00128	0.162	0.0000151	5.23	5.87	0.0815	0.00352	7.45	0.00253	0.015	0.00043	0.000516	0.000309	0.246	0.0000125	0.000657	0.000898	0.00248	0.000977
2068 May	0.000376	0.0012	0.155	0.0000139	4.8	5.48	0.0781	0.00321	7.02	0.00235	0.014	0.000427	0.000474	0.000284	0.229	0.0000114	0.000593	0.000861	0.0023	0.000879
2068 Jun	0.000313	0.000885	0.128	0.00000987	2.85	3.66	0.0601	0.00166	5.11	0.00159	0.0101	0.000394	0.000304	0.000169	0.15	0.00000636	0.000308	0.000721	0.00173	0.000429
2068 Jul	0.000308	0.000898	0.126	0.0000102	3.09	3.83	0.0603	0.00181	5.15	0.00168	0.0102	0.00038	0.000329	0.000182	0.159	0.00000681	0.000359	0.000716	0.00177	0.000522
2068 Aug	0.000317	0.000935	0.128	0.0000107	3.45	4.15	0.0634	0.00206	5.38	0.00181	0.0106	0.000385	0.000361	0.000203	0.174	0.00000755	0.000424	0.000731	0.00182	0.000636
2068 Sep	0.000315	0.000942	0.127	0.0000108	3.58	4.24	0.0635	0.00219	5.42	0.00184	0.0107	0.000376	0.000368	0.00021	0.178	0.0000079	0.000446	0.00072	0.00181	0.000678
2068 Oct	0.000317	0.000956	0.128	0.0000109	3.73	4.36	0.0647	0.00237	5.55	0.00187	0.0109	0.000374	0.000376	0.00022	0.182	0.00000852	0.000461	0.000721	0.00182	0.000705
2068 Nov	0.000333	0.001	0.134	0.0000115	3.95	4.61	0.0682	0.00255	5.85	0.00197	0.0115	0.000392	0.000396	0.000234	0.192	0.00000912	0.000486	0.000757	0.00192	0.000744
2068 Dec	0.000354	0.00107	0.142	0.0000122	4.2	4.9	0.0726	0.00272	6.22	0.00209	0.0122	0.000417	0.000421	0.000249	0.205	0.00000974	0.000517	0.000804	0.00204	0.000792
2069 Jan	0.000381	0.00115	0.153	0.0000131	4.53	5.28	0.0782	0.00294	6.7	0.00225	0.0132	0.000449	0.000454	0.000269	0.22	0.0000105	0.000557	0.000866	0.00219	0.000853
2069 Feb	0.000408	0.00123	0.164	0.0000141	4.85	5.65	0.0837	0.00315	7.18	0.00241	0.0141	0.000481	0.000485	0.000288	0.236	0.0000113	0.000596	0.000927	0.00235	0.000913
2069 Mar	0.000439	0.00132	0.176	0.0000151	5.22	6.08	0.0901	0.00339	7.72	0.00259	0.0152	0.000517	0.000522	0.00031	0.254	0.0000122	0.000642	0.000997	0.00253	0.000982
2069 Apr	0.000465	0.0014	0.187	0.000016	5.54	6.45	0.0954	0.0036	8.18	0.00275	0.0161	0.000547	0.000553	0.000329	0.269	0.0000129	0.00068	0.00106	0.00268	0.00104
2069 May	0.000473	0.00142	0.19	0.0000162	5.64	6.56	0.0973	0.00369	8.33	0.00278	0.0164	0.000558	0.000561	0.000335	0.273	0.0000132	0.000688	0.00107	0.00271	0.00105
2069 Jun	0.000281	0.000876	0.12	0.0000105	3.12	3.72	0.0564	0.00198	4.98	0.00166	0.0105	0.000335	0.000337	0.000186	0.154	0.00000745	0.000357	0.000686	0.00185	0.00053
2069 Jul	0.000271	0.000875	0.118	0.0000107	3.2	3.73	0.0551	0.00205	4.93	0.00168	0.0106	0.000317	0.000349	0.00019	0.155	0.0000077	0.000373	0.000678	0.0019	0.000562
2069 Aug	0.000274	0.000897	0.118	0.000011	3.43	3.93	0.0566	0.00221	5.06	0.00176	0.0108	0.000316	0.000368	0.000203	0.164	0.00000817	0.000415	0.000679	0.00192	0.000641
2069 Sep	0.000267	0.000894	0.115	0.0000109	3.49	3.95	0.0555	0.00225	5.02	0.00177	0.0107	0.000301	0.000368	0.000205	0.166	0.0000082	0.000435	0.000654	0.00187	0.00068
2069 Oct	0.000258	0.000896	0.112	0.0000109	3.53	3.95	0.0538	0.00234	5.01	0.00176	0.0107	0.00028	0.00036	0.000207	0.166	0.0000084	0.000443	0.000622	0.00181	0.000696
2069 Nov	0.000265	0.000928	0.115	0.0000112	3.66	4.09	0.0554	0.00247	5.2	0.00181	0.0111	0.000285	0.000369	0.000215	0.172	0.00000884	0.000457	0.000635	0.00186	0.000718
2069 Dec	0.000288	0.00101	0.125	0.0000122	3.98	4.45	0.0602	0.00268	5.65	0.00197	0.0121	0.000309	0.000401	0.000234	0.186	0.00000962	0.000497	0.00069	0.00202	0.00078
2070 Jan	0.000315	0.0011	0.137	0.0000133	4.36	4.86	0.0658	0.00294	6.18	0.00215	0.0132	0.000338	0.000438	0.000256	0.204	0.0000105	0.000543	0.000754	0.00221	0.000853
2070 Feb	0.000339	0.00119	0.148	0.0000143	4.7	5.25	0.071	0.00318	6.66	0.00231	0.0143	0.000364	0.000472	0.000276	0.22	0.0000114	0.000585	0.000813	0.00238	0.00092
2070 Mar	0.000365	0.00128	0.159	0.0000154	5.07	5.65	0.0765	0.00344	7.17	0.00249	0.0154	0.000392	0.000509	0.000298	0.237	0.0000123	0.00063	0.000874	0.00256	0.00099
2070 Apr	0.000384	0.00134	0.167	0.0000162	5.33	5.94	0.0805	0.00363	7.55	0.00262	0.0162	0.000412	0.000535	0.000314	0.249	0.000013	0.000662	0.000919	0.00269	0.00104
2070 May	0.00036	0.00122	0.154	0.0000144	4.72	5.35	0.0745	0.00318	6.87	0.00234	0.0145	0.000397	0.000473	0.000279	0.223	0.0000114	0.000577	0.000851	0.0024	0.000902
2070 Jun	0.000311	0.000912	0.128	0.0000102	3.07	3.83	0.0606	0.00191	5.22	0.00165	0.0105	0.00038	0.000316	0.000183	0.157	0.00000716	0.000337	0.000713	0.00176	0.000507
2070 Jul	0.000315	0.000933	0.129	0.0000106	3.29	4.01	0.0625	0.00213	5.37	0.00172	0.0109	0.000381	0.000335	0.000198	0.165	0.00000792	0.000365	0.000723	0.00181	0.00056
2070 Aug	0.00032	0.000963	0.13	0.000011	3.65	4.32	0.0648	0.00235	5.52	0.00185	0.0111	0.00038	0.000368	0.000217	0.18	0.00000849	0.000439	0.000728	0.00184	0.000701
2070 Sep	0.00031	0.000958	0.126	0.0000109	3.7	4.32	0.0632	0.00238	5.46	0.00185	0.011	0.00036	0.000366	0.000218	0.181	0.00000852	0.000456	0.0007	0.00179	0.000736
2070 Oct	0.000303	0.000957	0.124	0.0000108	3.69	4.28	0.0618	0.00246	5.46	0.00182	0.0111	0.000345	0.000356	0.000218	0.178	0.00000874	0.000448	0.000678	0.00176	0.000721
2070 Nov	0.000325	0.00103	0.133	0.0000116	3.99	4.62	0.0665	0.00269	5.89	0.00195	0.0119	0.000369	0.000383	0.000237	0.192	0.00000959	0.000481	0.000727	0.00189	0.000774
2070 Dec	0.000359	0.00113	0.147	0.0000128	4.39	5.09	0.0733	0.00297	6.49	0.00215	0.0132	0.000407	0.000422	0.000261	0.211	0.0000106	0.00053	0.000801	0.00209	0.000853
2071 Jan	0.000391	0.00124	0.16	0.000014	4.8	5.56	0.0801	0.00326	7.09	0.00235	0.0144	0.000444	0.000461	0.000285	0.231	0.0000116	0.000578	0.000874	0.00228	0.000932
2071 Feb	0.00043	0.00136	0.176	0.0000154	5.28	6.11	0.0881	0.00359	7.79	0.00258	0.0158	0.000488	0.000506	0.000314	0.254	0.0000128	0.000635	0.00096	0.0025	0.00102
2071 Mar	0.000468	0.00148	0.191	0.0000167	5.75	6.65	0.0959	0.00392	8.48	0.00281	0.0172	0.00053	0.000551	0.000342	0.276	0.0000139	0.000691	0.00104	0.00272	0.00111
2071 Apr	0.000497	0.00157	0.203	0.0000178	6.13	7.08	0.102	0.00419	9.02	0.00298	0.0183	0.000564	0.000586	0.000365	0.294	0.0000149	0.000735	0.00111	0.00289	0.00118
2071 May	0.00044	0.00135	0.178	0.0000151	5.14	6.04	0.0892	0.00347	7.78	0.00253	0.0156	0.00051	0.000492	0.000307	0.25	0.0000124	0.000606	0.000974	0.00246	0.000972
2071 Jun	0.000325	0.000924	0.131	0.0000101	3.1	3.91	0.0629	0.00192	5.31	0.00166	0.0105	0.000401	0.000312	0.000185	0.16	0.00000719	0.000336	0.000727	0.00173	0.000519
2071 Jul	0.000317	0.000925	0.129	0.0000103	3.24	3.98	0.0627	0.00211	5.32	0.00169	0.0107	0.000386	0.000327	0.000195	0.163	0.00000782	0.000355	0.000723	0.00178	0.00056
2071 Aug	0.000323	0.000954	0.13	0.0000107	3.6	4.29	0.0653	0.00235	5.49	0.00181	0.011	0.000387	0.000359	0.000215	0.177	0.00000852	0.000423	0.000731	0.00181	0.000694
2071 Sep	0.000315	0.000951	0.126	0.0000107	3.71	4.34	0.0644	0.00243	5.45	0.00184	0.0109	0.000369	0.000364	0.00022	0.181	0.00000867	0.000451	0.000706	0.00177	0.000752
2071 Oct	0.000316	0.000963	0.127	0.0000108	3.8	4.41	0.0649	0.00258	5.55	0.00185	0.0111	0.000366	0.000366	0.000227	0.183	0.00000917	0.000455	0.000703	0.00178	0.000761
2071 Nov	0.00031	0.000956	0.125	0.0000107	3.75	4.36	0.0637	0.00257	5.51	0.00182	0.0111	0.000357	0.000358	0.000225	0.18	0.00000915	0.000447	0.000689	0.00176	0.000745
2071 Dec	0.000334	0.00103	0.135	0.0000116	4.04	4.69	0.0686	0.00278	5.93	0.00196	0.0119	0.000384	0.000386	0.000242	0.194	0.00000987	0.000481	0.000742	0.00189	0.000802
2072 Jan	0.000361	0.00111	0.145	0.0000125	4.37	5.07	0.0742	0.00301	6.41	0.00212	0.0129	0.000414	0.000417	0.000262	0.21	0.0000107	0.00052	0.000801	0.00204	0.000866
2072 Feb	0.000397	0.00122	0.16	0.0000137	4.81	5.58	0.0815	0.00332	7.04	0.00233	0.0142	0.000455	0.000458	0.000288	0.231	0.0000118	0.000571	0.000879	0.00224	0.000952
2072 Mar	0.000425	0.00131	0.171	0.0000147	5.16	5.98	0.0875	0.00357	7.56	0.00249	0.0152	0.000488	0.000491	0.00031	0.247	0.0000127	0.000612	0.000943	0.00241	0.00102
2072 Apr	0.00045	0.00139	0.181	0.0000156	5.48	6.34	0.0927	0.0038	8.01	0.00264	0.0161	0.000516	0.00052	0.000329	0.262	0.0000135	0.000648	0.000998	0.00255	0.00108
2072 May	0.000469	0.00144	0.189	0.0000162	5.71	6.61	0.0966	0.00398	8.34	0.00275	0.0168	0.000537	0.000542	0.000343	0.273	0.0000141	0.000675	0.00104	0.00265	0.00113
2072 Jun	0.00028	0.000907	0.12	0.0000107	3.38	3.93	0.0572	0.00233	5.12	0.0017	0.011	0.000319	0.000344	0.000203	0.162	0.00000854	0.000386	0.000667	0.00184	0.000632
2072 Jul	0.000261	0.000871	0.114	0.0000105	3.33	3.79	0.0543	0.00237	4.92	0.00165	0.0107	0.000292	0.000339	0.000202	0.156	0.00000872	0.000378	0.000633	0.00182	0.000625
2072 Aug	0.000255	0.000879	0.11	0.0000107	3.58	3.97	0.0543	0.00252	4.94	0.00173	0.0107	0.000276	0.000355	0.000214	0.165	0.00000907	0.000434	0.000606	0.00178	0.000746
2072 Sep	0.00025	0.000882	0.107	0.0000107	3.74	4.07	0.0539	0.00261	4.93	0.00177	0.0106	0.000261	0.000364	0.000221	0.171	0.00000921	0.000474	0.000583	0.00174	0.00083
2072 Oct	0.000242	0.000875	0.105	0.0000106	3.62	3.95	0.0517	0.00257	4.88	0.00172	0.0105	0.000247	0.000346	0.000215	0.166	0.00000906	0.000452	0.000558	0.00169	0.000787
2072 Nov	0.000257	0.000937	0.112	0.0000113	3.86	4.21	0.0549	0.00275	5.21	0.00183	0.0113	0.000261	0.000367	0.000228	0.176	0.00000968	0.00048	0.000593	0.0018	0.000834
2072 Dec	0.00028	0.00102	0.122	0.0000123	4.2	4.59	0.0598	0.003	5.68	0.00199	0.0123	0.000285	0.000399	0.000249	0.192	0.0000106	0.000523	0.000645	0.00196	0.000909
2073 Jan	0.000302	0.0011	0.131	0.0000133	4.54	4.95	0.0646	0.00324	6.13	0.00215	0.0133	0.000307	0.000431	0.000269	0.207	0.0000114	0.000564	0.000696	0.00212	0.00098
2073 Feb	0.000328	0.00119	0.142	0.0000144	4.93	5.37	0.0701	0.00353	6.65	0.00233	0.0144	0.000333	0.000467	0.000292	0.225	0.0000124	0.000612	0.000755	0.0023	0.00106

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2073 Mar	0.000353	0.00128	0.153	0.0000154	5.31	5.79	0.0755	0.00381	7.16	0.0025	0.0155	0.000358	0.000503	0.000315	0.242	0.0000134	0.000658	0.000812	0.00247	0.00114
2073 Apr	0.000369	0.00134	0.16	0.0000162	5.57	6.07	0.0792	0.00401	7.51	0.00262	0.0162	0.000375	0.000527	0.000331	0.254	0.0000141	0.00069	0.000851	0.00259	0.0012
2073 May	0.000344	0.00118	0.146	0.0000139	4.71	5.28	0.0721	0.00332	6.64	0.00226	0.014	0.000368	0.000447	0.000281	0.22	0.0000118	0.00057	0.00078	0.00223	0.000983
2073 Jun	0.000287	0.000882	0.12	0.0000101	3.05	3.71	0.0567	0.00198	4.97	0.0016	0.0103	0.000341	0.000307	0.000183	0.152	0.00000737	0.000336	0.000658	0.00171	0.000557
2073 Jul	0.000281	0.000886	0.118	0.0000103	3.24	3.82	0.0568	0.00218	4.99	0.00165	0.0105	0.000327	0.000326	0.000194	0.157	0.00000802	0.000365	0.000654	0.00176	0.000623
2073 Aug	0.000286	0.000913	0.118	0.0000107	3.61	4.13	0.0592	0.00244	5.14	0.00177	0.0107	0.000325	0.000357	0.000215	0.172	0.00000877	0.000435	0.000657	0.00178	0.000773
2073 Sep	0.000282	0.000916	0.116	0.0000107	3.74	4.21	0.0591	0.00253	5.14	0.00181	0.0107	0.000315	0.000365	0.000222	0.176	0.000009	0.000464	0.000642	0.00176	0.000835
2073 Oct	0.000272	0.000903	0.113	0.0000105	3.66	4.11	0.0571	0.00255	5.07	0.00175	0.0107	0.000298	0.00035	0.000218	0.171	0.00000902	0.000447	0.000616	0.00171	0.000802
2073 Nov	0.000286	0.000952	0.119	0.0000111	3.84	4.32	0.0598	0.00269	5.34	0.00184	0.0112	0.000312	0.000366	0.000229	0.18	0.00000952	0.000468	0.000645	0.00179	0.000839
2073 Dec	0.000308	0.00103	0.129	0.000012	4.15	4.66	0.0645	0.0029	5.76	0.00198	0.0121	0.000336	0.000395	0.000247	0.194	0.0000103	0.000505	0.000695	0.00193	0.000905
2074 Jan	0.000337	0.00112	0.141	0.0000131	4.53	5.1	0.0706	0.00318	6.3	0.00217	0.0133	0.000367	0.000432	0.00027	0.212	0.0000112	0.000552	0.00076	0.00211	0.000989
2074 Feb	0.00037	0.00123	0.154	0.0000143	4.98	5.59	0.0775	0.00349	6.92	0.00238	0.0145	0.000403	0.000474	0.000297	0.233	0.0000124	0.000606	0.000834	0.00232	0.00109
2074 Mar	0.000398	0.00133	0.166	0.0000155	5.37	6.04	0.0836	0.00378	7.46	0.00257	0.0157	0.000434	0.000511	0.000321	0.251	0.0000134	0.000653	0.000899	0.0025	0.00117
2074 Apr	0.000422	0.00141	0.176	0.0000164	5.71	6.4	0.0887	0.00402	7.92	0.00272	0.0167	0.000461	0.000542	0.000341	0.266	0.0000142	0.000693	0.000953	0.00265	0.00124
2074 May	0.000391	0.00122	0.159	0.0000138	4.7	5.47	0.0799	0.00322	6.91	0.0023	0.0141	0.000448	0.000448	0.000282	0.226	0.0000115	0.000553	0.000866	0.00224	0.000982
2074 Jun	0.000328	0.00091	0.132	0.00000992	2.95	3.81	0.063	0.00177	5.17	0.00162	0.0103	0.000413	0.000302	0.000177	0.156	0.00000671	0.000313	0.000733	0.00171	0.00053
2074 Jul	0.000328	0.000932	0.131	0.0000103	3.3	4.08	0.0648	0.00205	5.29	0.00173	0.0106	0.000405	0.000335	0.000197	0.168	0.00000759	0.000374	0.000738	0.00176	0.000666
2074 Aug	0.000337	0.000967	0.133	0.0000108	3.69	4.42	0.068	0.00232	5.47	0.00187	0.0109	0.000409	0.00037	0.000219	0.184	0.00000835	0.000446	0.000753	0.00181	0.000822
2074 Sep	0.000328	0.000962	0.129	0.0000107	3.74	4.42	0.0666	0.00238	5.43	0.00187	0.0108	0.000391	0.000368	0.000221	0.185	0.00000848	0.000459	0.000727	0.00177	0.000853
2074 Oct	0.000319	0.00095	0.126	0.0000106	3.77	4.41	0.0654	0.00251	5.4	0.00184	0.0108	0.000374	0.000362	0.000225	0.183	0.0000089	0.000458	0.000702	0.00173	0.000853
2074 Nov	0.000332	0.00099	0.131	0.000011	3.99	4.64	0.0686	0.00272	5.66	0.00192	0.0113	0.000388	0.00038	0.000239	0.192	0.00000963	0.000481	0.000729	0.0018	0.000898
2074 Dec	0.00035	0.00104	0.138	0.0000116	4.22	4.89	0.0724	0.00288	5.97	0.00202	0.012	0.000409	0.000401	0.000253	0.203	0.0000102	0.000507	0.000769	0.0019	0.000948
2075 Jan	0.000372	0.00111	0.146	0.0000123	4.47	5.19	0.0768	0.00306	6.34	0.00215	0.0127	0.000434	0.000425	0.000268	0.215	0.0000108	0.000538	0.000816	0.00202	0.00101
2075 Feb	0.0004	0.00119	0.157	0.0000133	4.82	5.59	0.0827	0.0033	6.82	0.00231	0.0137	0.000466	0.000457	0.000289	0.231	0.0000117	0.000579	0.000877	0.00217	0.00108
2075 Mar	0.000426	0.00127	0.168	0.0000141	5.13	5.95	0.088	0.00352	7.26	0.00246	0.0145	0.000496	0.000487	0.000308	0.247	0.0000125	0.000616	0.000934	0.00231	0.00115
2075 Apr	0.000445	0.00133	0.175	0.0000148	5.38	6.23	0.0922	0.0037	7.6	0.00257	0.0152	0.000519	0.00051	0.000323	0.258	0.0000131	0.000645	0.000976	0.00241	0.00121
2075 May	0.000429	0.00126	0.168	0.000014	5.08	5.92	0.0885	0.00349	7.27	0.00244	0.0145	0.000504	0.000481	0.000306	0.245	0.0000124	0.000604	0.000938	0.00229	0.00113
2075 Jun	0.000267	0.00086	0.115	0.0000104	3.14	3.67	0.0543	0.0021	4.76	0.00162	0.0105	0.000309	0.000331	0.000189	0.151	0.00000785	0.000356	0.000653	0.00181	0.000643
2075 Jul	0.000236	0.000809	0.108	0.0000102	2.87	3.32	0.0481	0.00191	4.38	0.00152	0.0102	0.000269	0.000318	0.000172	0.137	0.0000073	0.00032	0.000615	0.00183	0.000574
2075 Aug	0.00024	0.000829	0.108	0.0000105	3.14	3.54	0.0498	0.00211	4.49	0.00161	0.0103	0.000267	0.000339	0.000187	0.147	0.0000079	0.000367	0.000615	0.00184	0.000681
2075 Sep	0.000242	0.00084	0.108	0.0000106	3.3	3.67	0.0511	0.00229	4.59	0.00165	0.0105	0.000266	0.000349	0.000197	0.152	0.00000844	0.000389	0.000616	0.00185	0.000732
2075 Oct	0.000236	0.000828	0.105	0.0000104	3.29	3.64	0.0503	0.00236	4.56	0.00161	0.0104	0.000256	0.000341	0.000199	0.15	0.00000869	0.000382	0.000596	0.00181	0.000717
2075 Nov	0.000238	0.000839	0.107	0.0000105	3.34	3.69	0.0509	0.00242	4.63	0.00163	0.0106	0.000257	0.000344	0.000202	0.152	0.00000889	0.000386	0.000601	0.00183	0.000725
2075 Dec	0.000256	0.000902	0.115	0.0000113	3.59	3.97	0.0547	0.00261	4.98	0.00175	0.0114	0.000276	0.00037	0.000217	0.164	0.00000958	0.000415	0.000646	0.00196	0.00078
2076 Jan	0.000277	0.000974	0.124	0.0000122	3.88	4.29	0.0591	0.00282	5.38	0.00189	0.0123	0.000298	0.0004	0.000235	0.177	0.0000104	0.000448	0.000698	0.00212	0.000842
2076 Feb	0.000299	0.00105	0.134	0.0000132	4.2	4.64	0.0639	0.00306	5.81	0.00204	0.0133	0.000323	0.000432	0.000254	0.191	0.0000112	0.000485	0.000754	0.00229	0.000911
2076 Mar	0.000318	0.00112	0.142	0.000014	4.47	4.93	0.0679	0.00326	6.18	0.00217	0.0141	0.000342	0.000459	0.000271	0.203	0.000012	0.000515	0.000801	0.00243	0.000967
2076 Apr	0.000335	0.00118	0.15	0.0000147	4.72	5.2	0.0717	0.00346	6.52	0.00229	0.0149	0.000361	0.000484	0.000286	0.214	0.0000127	0.000543	0.000844	0.00257	0.00102
2076 May	0.000322	0.00109	0.141	0.0000134	4.26	4.79	0.068	0.00309	6.07	0.00209	0.0136	0.000358	0.000437	0.000259	0.197	0.0000114	0.000482	0.000798	0.00233	0.0009
2076 Jun	0.000272	0.000836	0.118	0.00000999	2.76	3.39	0.0535	0.00179	4.64	0.00151	0.0102	0.00033	0.000302	0.000167	0.138	0.00000696	0.000282	0.000671	0.00181	0.000498
2076 Jul	0.000264	0.000837	0.116	0.0000102	2.9	3.46	0.0531	0.00195	4.63	0.00154	0.0104	0.000314	0.000317	0.000176	0.141	0.00000754	0.000303	0.000665	0.00185	0.000551
2076 Aug	0.00027	0.000866	0.117	0.0000106	3.25	3.76	0.0557	0.00219	4.78	0.00167	0.0106	0.000315	0.000349	0.000196	0.155	0.0000082	0.000371	0.000673	0.00189	0.00071
2076 Sep	0.000271	0.000875	0.117	0.0000107	3.38	3.86	0.0565	0.00234	4.86	0.00169	0.0108	0.000313	0.000355	0.000205	0.159	0.0000087	0.000384	0.000671	0.00189	0.000742
2076 Oct	0.000266	0.000872	0.115	0.0000106	3.34	3.81	0.0553	0.00236	4.84	0.00166	0.0108	0.000302	0.000345	0.000203	0.157	0.00000873	0.000376	0.000653	0.00186	0.000723
2076 Nov	0.000279	0.000918	0.121	0.0000112	3.51	4.01	0.058	0.00249	5.1	0.00175	0.0114	0.000316	0.000362	0.000213	0.164	0.00000921	0.000394	0.000684	0.00195	0.000757
2076 Dec	0.000302	0.000995	0.131	0.0000121	3.81	4.34	0.0629	0.00271	5.53	0.00189	0.0123	0.000342	0.000392	0.000231	0.178	0.00001	0.000427	0.000741	0.00211	0.00082
2077 Jan	0.000327	0.00108	0.142	0.0000131	4.13	4.7	0.0681	0.00294	5.99	0.00205	0.0133	0.00037	0.000424	0.00025	0.193	0.0000109	0.000462	0.000803	0.00229	0.000888
2077 Feb	0.000353	0.00116	0.153	0.0000141	4.46	5.08	0.0735	0.00318	6.46	0.00221	0.0144	0.000399	0.000458	0.000271	0.208	0.0000117	0.000499	0.000865	0.00247	0.000958
2077 Mar	0.000379	0.00125	0.164	0.0000152	4.8	5.46	0.0791	0.00343	6.95	0.00237	0.0155	0.000429	0.000492	0.000292	0.224	0.0000127	0.000537	0.00093	0.00265	0.00103
2077 Apr	0.000403	0.00133	0.175	0.0000161	5.1	5.81	0.0841	0.00366	7.39	0.00252	0.0165	0.000456	0.000523	0.000311	0.238	0.0000135	0.00057	0.000988	0.00282	0.0011
2077 May	0.000391	0.00125	0.167	0.0000149	4.69	5.43	0.0805	0.00332	6.98	0.00234	0.0153	0.000451	0.000481	0.000286	0.222	0.0000123	0.000516	0.000944	0.00261	0.000986
2077 Jun	0.000331	0.000912	0.134	0.0000101	2.92	3.79	0.0639	0.00184	5.19	0.00161	0.0106	0.00042	0.000307	0.000179	0.153	0.00000713	0.000287	0.000762	0.00181	0.00052
2077 Jul	0.000336	0.000933	0.136	0.0000104	3.2	4.01	0.0663	0.00215	5.37	0.00168	0.011	0.000421	0.000329	0.000198	0.162	0.00000815	0.000321	0.000773	0.00186	0.000601
2077 Aug	0.000342	0.000963	0.136	0.0000108	3.57	4.33	0.0689	0.00239	5.51	0.00181	0.0112	0.000421	0.000361	0.000218	0.177	0.00000884	0.000391	0.000781	0.00189	0.000771
2077 Sep	0.000327	0.000949	0.131	0.0000107	3.57	4.27	0.0662	0.00241	5.39	0.00179	0.011	0.000394	0.000354	0.000217	0.175	0.00000878	0.000403	0.000739	0.00182	0.000804
2077 Oct	0.000325	0.000955	0.131	0.0000107	3.6	4.29	0.066	0.00249	5.44	0.00178	0.0112	0.000388	0.000351	0.000219	0.175	0.00000906	0.000401	0.000732	0.00182	0.000797
2077 Nov	0.000343	0.00101	0.138	0.0000113	3.81	4.54	0.0698	0.00264	5.76	0.00189	0.0118	0.000409	0.000371	0.000232	0.185	0.00000962	0.000423	0.000773	0.00192	0.000843
2077 Dec	0.000367	0.00108	0.147	0.0000121	4.08	4.85	0.0745	0.00283	6.15	0.00201	0.0126	0.000437	0.000397	0.000248	0.198	0.0000103	0.000452	0.000825	0.00206	0.0009
2078 Jan	0.000389	0.00114	0.156	0.0000128	4.32	5.14	0.079	0.003	6.52	0.00213	0.0134	0.000463	0.000421	0.000263	0.21	0.0000109	0.000479	0.000875	0.00218	0.000954
2078 Feb	0.000415	0.00122	0.167	0.0000137	4.62	5.49	0.0843	0.00321	6.96	0.00228	0.0143	0.000494	0.000449	0.000282	0.224	0.0000117	0.000512	0.000933	0.00232	0.00102
2078 Mar	0.000448	0.00132	0.18	0.0000148	5	5.93	0.0912	0.00349	7.52	0.00246	0.0155	0.000534	0.000485	0.000305	0.242	0.0000127	0.000553	0.00101	0.00251	0.0011
2078 Apr	0.000472	0.00139	0.189	0.0000156	5.27	6.25	0.0961	0.00369	7.93	0.00259	0.0163	0.000562	0.000511	0.000322	0.255	0.0000134	0.000582	0.00106	0.00264	0.00116
2078 May	0.000424	0.00117	0.167	0.0000126	4.15	5.16	0.0839	0.00278	6.74	0.00212	0.0134	0.000525	0.000404	0.000254	0.21	0.0000103	0.000439	0.000933	0.00216	0.000857
2078 Jun	0.00038	0.000964	0.148	0.00001	2.94	4.02	0.0718	0.00175	5.59	0.00166	0.0107	0.000499	0.000299	0.000181	0.161	0.00000681	0.000275	0.000834	0.00177	0.000504
2078 Jul	0.000384	0.000988	0.148	0.0000104	3.26	4.28	0.0741	0.00204	5.74	0.00175	0.0111	0.000497	0.000326	0.0002	0.173	0.00000772	0.000325	0.000841	0.00182	0.00063
2078 Aug	0.000382	0.001	0.147	0.0000107	3.55	4.51	0.0751	0.00223	5.78	0.00185	0.0111	0.000488	0.000351	0.000216	0.184	0.00000823	0.000387	0.000831	0.00182	0.00079
2078 Sep	0.000381	0.00101	0.146	0.0000107	3.69	4.61	0.0757	0.0024	5.85	0.00187	0.0113	0.00048	0.000359	0.000225	0.188	0.00000877	0.000405	0.000823	0.00182	0.000835

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Oct	0.000379	0.00102	0.145	0.0000108	3.77	4.66	0.0759	0.00252	5.9	0.00188	0.0114	0.000475	0.000361	0.000231	0.19	0.00000917	0.000412	0.000817	0.00182	0.000851
2078 Nov	0.000407	0.00109	0.156	0.0000116	4.07	5.01	0.0815	0.00275	6.35	0.00202	0.0123	0.000508	0.000387	0.000249	0.204	0.00000998	0.000442	0.000876	0.00195	0.000913
2078 Dec	0.000445	0.00119	0.171	0.0000127	4.45	5.49	0.0892	0.00301	6.95	0.00221	0.0135	0.000556	0.000424	0.000273	0.223	0.0000109	0.000484	0.000958	0.00214	0.000999
2079 Jan	0.000482	0.00129	0.185	0.0000137	4.82	5.94	0.0966	0.00326	7.52	0.00239	0.0146	0.000601	0.000459	0.000296	0.242	0.0000118	0.000524	0.00104	0.00231	0.00108
2079 Feb	0.000523	0.0014	0.2	0.0000149	5.24	6.45	0.105	0.00355	8.17	0.00259	0.0158	0.000652	0.000498	0.000322	0.262	0.0000129	0.000568	0.00112	0.00251	0.00117
2079 Mar	0.000563	0.00151	0.216	0.0000161	5.65	6.95	0.113	0.00384	8.8	0.0028	0.017	0.000703	0.000537	0.000347	0.283	0.0000139	0.000613	0.00121	0.00271	0.00126
2079 Apr	0.000593	0.00159	0.227	0.0000169	5.96	7.33	0.119	0.00406	9.27	0.00294	0.018	0.000739	0.000565	0.000366	0.298	0.0000147	0.000645	0.00128	0.00285	0.00133
2079 May	0.000601	0.00161	0.23	0.0000171	6.02	7.41	0.121	0.0041	9.39	0.00297	0.0182	0.000751	0.000571	0.00037	0.301	0.0000149	0.00065	0.00129	0.00288	0.00134
2079 Jun	0.000323	0.000908	0.132	0.0000103	2.97	3.78	0.0627	0.00187	5.11	0.00162	0.0106	0.000406	0.000315	0.000181	0.153	0.00000721	0.0003	0.000751	0.00183	0.000587
2079 Jul	0.000302	0.000885	0.127	0.0000103	2.94	3.66	0.0593	0.00191	4.94	0.0016	0.0106	0.000374	0.000318	0.00018	0.148	0.00000741	0.000298	0.000725	0.00187	0.000588
2079 Aug	0.000306	0.00091	0.127	0.0000107	3.28	3.94	0.0616	0.00217	5.07	0.00171	0.0109	0.000373	0.000345	0.000199	0.161	0.00000817	0.000358	0.000728	0.00189	0.000746
2079 Sep	0.000301	0.000913	0.125	0.0000107	3.39	4.01	0.0612	0.00228	5.07	0.00173	0.0109	0.000359	0.00035	0.000205	0.165	0.00000845	0.000381	0.000709	0.00186	0.000809
2079 Oct	0.000296	0.000909	0.123	0.0000106	3.4	3.99	0.0603	0.00235	5.07	0.0017	0.0109	0.000349	0.000343	0.000206	0.163	0.00000867	0.000376	0.000693	0.00183	0.000796
2079 Nov	0.000297	0.00092	0.124	0.0000107	3.43	4.03	0.0606	0.00241	5.14	0.00171	0.0111	0.000348	0.000344	0.000209	0.165	0.00000887	0.000378	0.000694	0.00184	0.000797
2079 Dec	0.000307	0.000956	0.129	0.0000111	3.55	4.17	0.0625	0.00249	5.33	0.00177	0.0115	0.000358	0.000354	0.000216	0.17	0.00000917	0.000389	0.000716	0.00191	0.00082
2080 Jan	0.000329	0.00103	0.138	0.0000119	3.81	4.47	0.0671	0.00268	5.72	0.0019	0.0124	0.000384	0.00038	0.000232	0.183	0.00000987	0.000418	0.000768	0.00205	0.00088
2080 Feb	0.000347	0.00108	0.146	0.0000126	4.03	4.73	0.0709	0.00284	6.05	0.00201	0.0131	0.000405	0.000401	0.000246	0.193	0.0000105	0.000441	0.00081	0.00216	0.000929
2080 Mar	0.000374	0.00117	0.157	0.0000135	4.34	5.09	0.0764	0.00307	6.51	0.00216	0.0141	0.000436	0.000432	0.000265	0.208	0.0000113	0.000475	0.000872	0.00233	0.001
2080 Apr	0.000394	0.00123	0.165	0.0000143	4.59	5.37	0.0806	0.00326	6.87	0.00228	0.0148	0.00046	0.000456	0.00028	0.219	0.000012	0.000501	0.000919	0.00245	0.00105
2080 May	0.000404	0.00126	0.169	0.0000146	4.7	5.5	0.0826	0.00334	7.04	0.00233	0.0152	0.000471	0.000466	0.000287	0.224	0.0000123	0.000512	0.000941	0.00251	0.00108
2080 Jun	0.000263	0.000866	0.117	0.0000106	3.02	3.56	0.053	0.00209	4.73	0.00158	0.0108	0.000304	0.000323	0.000184	0.145	0.00000799	0.000318	0.000659	0.00189	0.000651
2080 Jul	0.00023	0.000801	0.107	0.0000101	2.78	3.21	0.0469	0.00197	4.33	0.00146	0.0103	0.000261	0.000304	0.00017	0.13	0.00000764	0.000285	0.000602	0.00184	0.00058
2080 Aug	0.000232	0.000818	0.107	0.0000103	3.02	3.4	0.0484	0.00218	4.42	0.00153	0.0105	0.000258	0.000321	0.000184	0.139	0.00000827	0.000324	0.000598	0.00184	0.000688
2080 Sep	0.000229	0.000821	0.105	0.0000104	3.14	3.49	0.0485	0.00231	4.45	0.00155	0.0105	0.000249	0.000326	0.000192	0.143	0.00000862	0.000347	0.000582	0.00181	0.000752
2080 Oct	0.000226	0.000819	0.104	0.0000103	3.18	3.51	0.0482	0.00241	4.47	0.00154	0.0105	0.000241	0.000323	0.000195	0.143	0.00000892	0.000349	0.000568	0.00178	0.000757
2080 Nov	0.000225	0.000825	0.104	0.0000103	3.17	3.5	0.0478	0.00242	4.49	0.00154	0.0106	0.000237	0.000318	0.000194	0.143	0.00000893	0.000346	0.000563	0.00178	0.000746
2080 Dec	0.000243	0.000891	0.112	0.0000111	3.43	3.78	0.0516	0.00262	4.85	0.00166	0.0114	0.000255	0.000343	0.00021	0.154	0.00000967	0.000373	0.000607	0.00192	0.000805
2081 Jan	0.000261	0.000958	0.12	0.000012	3.69	4.07	0.0555	0.00282	5.22	0.00178	0.0123	0.000275	0.000369	0.000226	0.166	0.0000104	0.000401	0.000653	0.00206	0.000866
2081 Feb	0.000283	0.00104	0.13	0.0000129	4.01	4.41	0.0602	0.00307	5.66	0.00193	0.0133	0.000297	0.0004	0.000246	0.18	0.0000114	0.000435	0.000707	0.00223	0.000938
2081 Mar	0.000302	0.00111	0.139	0.0000138	4.29	4.72	0.0644	0.0033	6.06	0.00206	0.0142	0.000318	0.000428	0.000263	0.192	0.0000122	0.000465	0.000755	0.00239	0.001
2081 Apr	0.000319	0.00117	0.147	0.0000146	4.54	4.99	0.0681	0.0035	6.4	0.00218	0.015	0.000335	0.000452	0.000279	0.203	0.0000129	0.00049	0.000797	0.00252	0.00106
2081 May	0.000295	0.000994	0.131	0.000012	3.67	4.21	0.0611	0.00275	5.52	0.00181	0.0125	0.00033	0.000366	0.000226	0.17	0.0000102	0.000384	0.000712	0.00207	0.000816
2081 Jun	0.000281	0.000847	0.12	0.00000978	2.79	3.46	0.0553	0.00194	4.76	0.00148	0.0103	0.000341	0.000288	0.000173	0.139	0.00000748	0.000268	0.000662	0.00174	0.000546
2081 Jul	0.000287	0.000872	0.122	0.0000101	3.07	3.69	0.058	0.00225	4.96	0.00155	0.0107	0.000344	0.000309	0.000192	0.148	0.00000852	0.000298	0.000678	0.0018	0.000626
2081 Aug	0.000295	0.000903	0.123	0.0000105	3.44	4.01	0.0609	0.00251	5.11	0.00168	0.011	0.000347	0.000342	0.000212	0.163	0.00000927	0.000366	0.00069	0.00184	0.000816
2081 Sep	0.000292	0.000906	0.122	0.0000106	3.53	4.07	0.0609	0.00263	5.14	0.00169	0.0111	0.000339	0.000344	0.000218	0.165	0.00000962	0.000379	0.000678	0.00182	0.000851
2081 Oct	0.000291	0.000909	0.121	0.0000106	3.57	4.1	0.061	0.00271	5.19	0.00169	0.0112	0.000335	0.000343	0.000222	0.166	0.00000992	0.000379	0.000674	0.00182	0.000849
2081 Nov	0.00029	0.000912	0.121	0.0000106	3.57	4.09	0.0607	0.00273	5.2	0.00169	0.0112	0.000331	0.00034	0.000222	0.165	0.00000998	0.000376	0.000669	0.00182	0.000841
2081 Dec	0.000312	0.000983	0.13	0.0000114	3.85	4.41	0.0653	0.00295	5.61	0.00182	0.0121	0.000356	0.000366	0.000239	0.178	0.0000108	0.000405	0.000719	0.00195	0.000905
2082 Jan	0.000341	0.00107	0.142	0.0000125	4.2	4.81	0.0714	0.00323	6.13	0.00198	0.0132	0.000389	0.0004	0.000262	0.194	0.0000118	0.000442	0.000785	0.00213	0.000988
2082 Feb	0.000366	0.00115	0.153	0.0000134	4.53	5.18	0.0768	0.00349	6.59	0.00213	0.0142	0.000418	0.00043	0.000282	0.209	0.0000127	0.000475	0.000844	0.00229	0.00106
2082 Mar	0.000391	0.00123	0.163	0.0000143	4.83	5.53	0.082	0.00373	7.03	0.00227	0.0152	0.000445	0.000459	0.000301	0.223	0.0000136	0.000507	0.0009	0.00245	0.00113
2082 Apr	0.000413	0.0013	0.172	0.0000151	5.12	5.85	0.0867	0.00396	7.44	0.0024	0.0161	0.000471	0.000485	0.000319	0.236	0.0000145	0.000536	0.000951	0.00259	0.0012
2082 May	0.00043	0.00135	0.18	0.0000157	5.34	6.1	0.0904	0.00414	7.75	0.0025	0.0167	0.00049	0.000506	0.000333	0.246	0.0000151	0.000559	0.00099	0.00269	0.00125
2082 Jun	0.000247	0.000846	0.113	0.0000106	3	3.46	0.0507	0.00222	4.64	0.00154	0.0109	0.000279	0.000319	0.000185	0.139	0.00000847	0.000302	0.000635	0.00191	0.000647
2082 Jul	0.000192	0.000722	0.0966	0.00000963	2.38	2.73	0.0393	0.00176	3.85	0.00129	0.00975	0.000212	0.000277	0.000147	0.109	0.00000702	0.000224	0.000549	0.00181	0.00046
2082 Aug	0.000197	0.000744	0.0974	0.0000099	2.66	2.96	0.0415	0.00202	4	0.00137	0.01	0.000212	0.000297	0.000165	0.119	0.00000786	0.000263	0.000553	0.00183	0.00057
2082 Sep	0.000198	0.000754	0.0972	0.00001	2.8	3.07	0.0424	0.00216	4.07	0.0014	0.0102	0.00021	0.000305	0.000174	0.124	0.00000829	0.000285	0.00055	0.00183	0.000633
2082 Oct	0.000196	0.000759	0.0963	0.00000996	2.83	3.09	0.0421	0.00224	4.11	0.0014	0.0102	0.000202	0.0003	0.000176	0.125	0.0000085	0.000287	0.000537	0.0018	0.000637
2082 Nov	0.000207	0.0008	0.101	0.0000105	3	3.28	0.0445	0.00239	4.35	0.00147	0.0108	0.000213	0.000317	0.000187	0.132	0.00000908	0.000303	0.000565	0.0019	0.000674
2082 Dec	0.00022	0.000849	0.108	0.0000111	3.19	3.48	0.0472	0.00254	4.62	0.00156	0.0115	0.000226	0.000336	0.000199	0.14	0.00000965	0.000322	0.000599	0.00201	0.000715
2083 Jan	0.000235	0.000907	0.115	0.0000119	3.41	3.72	0.0505	0.00273	4.94	0.00167	0.0123	0.000241	0.000359	0.000213	0.149	0.0000103	0.000344	0.00064	0.00215	0.000764
2083 Feb	0.000249	0.000964	0.122	0.0000127	3.64	3.96	0.0538	0.00291	5.25	0.00177	0.013	0.000256	0.000382	0.000227	0.159	0.000011	0.000366	0.000681	0.00229	0.000812
2083 Mar	0.000267	0.00103	0.131	0.0000135	3.9	4.24	0.0577	0.00314	5.63	0.0019	0.014	0.000274	0.00041	0.000243	0.17	0.0000119	0.000392	0.000729	0.00245	0.000871
2083 Apr	0.000283	0.00109	0.138	0.0000143	4.14	4.5	0.0611	0.00333	5.97	0.00201	0.0148	0.00029	0.000434	0.000258	0.181	0.0000126	0.000415	0.000771	0.00259	0.000922
2083 May	0.000278	0.000999	0.131	0.0000127	3.65	4.1	0.0585	0.00287	5.51	0.00181	0.0132	0.000302	0.000382	0.000228	0.164	0.0000109	0.000358	0.000729	0.0023	0.000787
2083 Jun	0.000263	0.000806	0.116	0.00000964	2.5	3.14	0.0512	0.00171	4.48	0.00139	0.0101	0.000322	0.000276	0.000155	0.125	0.00000685	0.000222	0.000655	0.00178	0.000459
2083 Jul	0.000258	0.000812	0.114	0.00000987	2.71	3.28	0.0516	0.00193	4.51	0.00144	0.0103	0.00031	0.000294	0.000169	0.131	0.00000756	0.000255	0.000649	0.00181	0.000561
2083 Aug	0.000256	0.000828	0.113	0.0000101	3.01	3.5	0.0527	0.00215	4.56	0.00153	0.0103	0.0003	0.000316	0.000185	0.142	0.00000817	0.000314	0.000633	0.0018	0.000741
2083 Sep	0.000252	0.000832	0.111	0.0000101	3.1	3.56	0.0522	0.00223	4.55	0.00155	0.0103	0.000289	0.000319	0.00019	0.145	0.00000834	0.000335	0.000616	0.00177	0.000807
2083 Oct	0.000244	0.00083	0.108	0.00000997	3.02	3.48	0.0501	0.00221	4.52	0.00151	0.0103	0.000272	0.000303	0.000185	0.141	0.00000824	0.000323	0.000589	0.00172	0.000767
2083 Nov	0.000249	0.000861	0.112	0.0000103	3.09	3.56	0.0509	0.00227	4.67	0.00155	0.0107	0.000275	0.000307	0.000188	0.145	0.00000844	0.000328	0.000599	0.00176	0.000775
2083 Dec	0.000268	0.000924	0.12	0.0000111	3.33	3.83	0.0547	0.00245	5.02	0.00166	0.0115	0.000296	0.00033	0.000203	0.155	0.00000909	0.000352	0.000643	0.00189	0.000833
2084 Jan	0.000292	0.00101	0.13	0.000012	3.63	4.17	0.0597	0.00268	5.48	0.00181	0.0125	0.000322	0.000359	0.000222	0.169	0.00000996	0.000384	0.0007	0.00206	0.000908
2084 Feb	0.000316	0.00109	0.141	0.0000131	3.95	4.53	0.0648	0.00292	5.95	0.00196	0.0136	0.000349	0.00039	0.000241	0.184	0.0000109	0.000417	0.00076	0.00223	0.000985
2084 Mar	0.000338	0.00116	0.151	0.0000139	4.22	4.84	0.0692	0.00314	6.35	0.00209	0.0145	0.000372	0.000417	0.000258	0.196	0.0000116	0.000445	0.00081	0.00238	0.00105
2084 Apr	0.000354	0.00122	0.158	0.0000146	4.43	5.09	0.0727	0.00331	6.67	0.00219	0.0153	0.00039	0.000437	0.000271	0.206	0.0000123	0.000467	0.00085	0.0025	0.0011

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 May	0.000327	0.00104	0.141	0.000012	3.59	4.3	0.0652	0.00257	5.76	0.00183	0.0127	0.00038	0.000355	0.00022	0.173	0.00000965	0.000364	0.000762	0.00207	0.000845
2084 Jun	0.000309	0.000869	0.128	0.00000959	2.58	3.42	0.0584	0.00165	4.88	0.00146	0.0102	0.000391	0.000269	0.000159	0.136	0.00000651	0.00023	0.000708	0.00171	0.000494
2084 Jul	0.000307	0.00088	0.128	0.00000985	2.82	3.6	0.0597	0.00194	4.98	0.00151	0.0105	0.000383	0.000288	0.000176	0.143	0.00000748	0.00026	0.000709	0.00175	0.000587
2084 Aug	0.000309	0.000899	0.127	0.0000101	3.13	3.84	0.0615	0.00214	5.05	0.00161	0.0106	0.000379	0.000313	0.000192	0.155	0.00000806	0.00032	0.000707	0.00176	0.000773
2084 Sep	0.000305	0.000899	0.125	0.0000101	3.22	3.9	0.0612	0.00225	5.06	0.00163	0.0106	0.000369	0.000317	0.000198	0.158	0.00000836	0.000336	0.000692	0.00174	0.000824
2084 Oct	0.000295	0.000887	0.122	0.00000997	3.13	3.79	0.0588	0.00222	4.97	0.00158	0.0105	0.000351	0.000304	0.000192	0.153	0.00000821	0.000325	0.000664	0.0017	0.000793
2084 Nov	0.000302	0.000919	0.126	0.0000103	3.22	3.9	0.0603	0.00229	5.14	0.00163	0.0109	0.000358	0.000311	0.000198	0.158	0.00000847	0.000333	0.00068	0.00175	0.00081
2084 Dec	0.00033	0.001	0.137	0.0000112	3.52	4.26	0.0658	0.0025	5.61	0.00178	0.0119	0.000391	0.000339	0.000216	0.172	0.00000926	0.000364	0.000743	0.0019	0.000884
2085 Jan	0.000365	0.00111	0.151	0.0000124	3.89	4.71	0.0727	0.00277	6.2	0.00196	0.0132	0.000431	0.000374	0.000239	0.19	0.0000102	0.000402	0.00082	0.0021	0.000976
2085 Feb	0.000399	0.00121	0.166	0.0000136	4.27	5.16	0.0797	0.00305	6.8	0.00215	0.0144	0.000472	0.000411	0.000263	0.209	0.0000113	0.00044	0.000898	0.00231	0.00107
2085 Mar	0.00043	0.00131	0.178	0.0000146	4.61	5.56	0.0859	0.0033	7.32	0.00232	0.0156	0.000508	0.000442	0.000283	0.225	0.0000122	0.000474	0.000967	0.00248	0.00115
2085 Apr	0.000457	0.00139	0.19	0.0000156	4.91	5.92	0.0914	0.00352	7.79	0.00246	0.0166	0.00054	0.00047	0.000302	0.239	0.000013	0.000504	0.00103	0.00264	0.00123
2085 May	0.000391	0.00113	0.159	0.0000124	3.84	4.79	0.0767	0.00268	6.4	0.00198	0.0133	0.000476	0.00037	0.000237	0.192	0.00000998	0.000383	0.000866	0.00211	0.000918
2085 Jun	0.000356	0.000935	0.14	0.00000973	2.91	3.89	0.0678	0.00191	5.41	0.00158	0.0106	0.000457	0.000282	0.000181	0.155	0.00000732	0.000265	0.00077	0.00169	0.000606
2085 Jul	0.000361	0.000958	0.141	0.00001	3.2	4.13	0.0703	0.0022	5.57	0.00165	0.011	0.000459	0.000303	0.0002	0.165	0.00000827	0.000302	0.000779	0.00173	0.000722
2085 Aug	0.000352	0.000958	0.137	0.0000101	3.41	4.26	0.0697	0.00233	5.5	0.00172	0.0108	0.000439	0.00032	0.00021	0.172	0.00000854	0.000354	0.000752	0.0017	0.000899
2085 Sep	0.000341	0.000948	0.133	0.0000101	3.45	4.25	0.068	0.00243	5.45	0.0017	0.0108	0.000417	0.000317	0.000213	0.172	0.00000881	0.000363	0.000721	0.00166	0.000929
2085 Oct	0.000334	0.000945	0.131	0.00001	3.45	4.21	0.0667	0.00247	5.44	0.00168	0.0108	0.000404	0.000311	0.000213	0.17	0.00000896	0.000359	0.000704	0.00164	0.000914
2085 Nov	0.00034	0.00097	0.134	0.0000103	3.51	4.29	0.0677	0.00253	5.56	0.00171	0.0111	0.000408	0.000315	0.000217	0.173	0.00000916	0.000364	0.000715	0.00167	0.000925
2085 Dec	0.000368	0.00105	0.145	0.0000111	3.81	4.65	0.0734	0.00275	6.03	0.00186	0.0121	0.000442	0.000342	0.000236	0.188	0.00000995	0.000395	0.000774	0.00181	0.001
2086 Jan	0.000396	0.00113	0.156	0.000012	4.11	5.02	0.0791	0.00297	6.5	0.002	0.013	0.000476	0.000368	0.000254	0.202	0.0000108	0.000425	0.000833	0.00195	0.00108
2086 Feb	0.000429	0.00122	0.169	0.000013	4.46	5.44	0.0857	0.00324	7.04	0.00216	0.0141	0.000515	0.000399	0.000276	0.219	0.0000117	0.00046	0.000902	0.00211	0.00117
2086 Mar	0.000459	0.00131	0.181	0.0000139	4.78	5.83	0.0919	0.00348	7.55	0.00232	0.0151	0.000552	0.000427	0.000296	0.235	0.0000126	0.000493	0.000966	0.00227	0.00125
2086 Apr	0.000481	0.00137	0.189	0.0000145	5.02	6.11	0.0963	0.00367	7.91	0.00243	0.0158	0.000578	0.000448	0.000311	0.246	0.0000132	0.000517	0.00101	0.00237	0.00131
2086 May	0.000466	0.00131	0.182	0.0000139	4.76	5.84	0.0928	0.00345	7.59	0.00232	0.0151	0.000563	0.000425	0.000295	0.235	0.0000125	0.000486	0.000977	0.00226	0.00123
2086 Jun	0.000324	0.000901	0.131	0.00000974	2.86	3.71	0.0622	0.0019	5.12	0.00154	0.0104	0.000406	0.000281	0.000176	0.149	0.00000724	0.00027	0.000717	0.00168	0.000644
2086 Jul	0.00031	0.000895	0.128	0.00000999	2.98	3.74	0.0608	0.00208	5.07	0.00156	0.0106	0.000381	0.000297	0.000185	0.15	0.0000079	0.000286	0.000705	0.00175	0.000702
2086 Aug	0.000309	0.000909	0.126	0.0000102	3.28	3.96	0.0621	0.0023	5.11	0.00165	0.0107	0.000373	0.00032	0.000202	0.161	0.0000085	0.000345	0.000696	0.00175	0.000901
2086 Sep	0.000302	0.000906	0.123	0.0000102	3.37	4.01	0.0614	0.00242	5.11	0.00166	0.0107	0.000358	0.000322	0.000208	0.163	0.00000885	0.00036	0.000674	0.00172	0.000955
2086 Oct	0.000311	0.000938	0.127	0.0000106	3.51	4.15	0.0633	0.00255	5.3	0.00171	0.0111	0.000365	0.000331	0.000216	0.168	0.00000932	0.000372	0.000691	0.00177	0.000986
2086 Nov	0.000335	0.00101	0.137	0.0000114	3.79	4.48	0.0683	0.00276	5.71	0.00184	0.012	0.000394	0.000357	0.000234	0.181	0.0000101	0.000401	0.000744	0.00191	0.00106
2086 Dec	0.000363	0.00109	0.148	0.0000123	4.1	4.85	0.074	0.003	6.19	0.002	0.013	0.000426	0.000387	0.000253	0.197	0.0000109	0.000435	0.000806	0.00207	0.00115
2087 Jan	0.000391	0.00118	0.159	0.0000133	4.43	5.23	0.0798	0.00325	6.68	0.00215	0.014	0.000459	0.000417	0.000274	0.212	0.0000119	0.000469	0.000868	0.00223	0.00124
2087 Feb	0.000424	0.00128	0.173	0.0000144	4.82	5.68	0.0866	0.00354	7.25	0.00233	0.0152	0.000498	0.000453	0.000298	0.23	0.0000129	0.000508	0.000941	0.00242	0.00135
2087 Mar	0.000453	0.00137	0.185	0.0000154	5.16	6.08	0.0927	0.0038	7.75	0.00249	0.0163	0.000532	0.000484	0.000319	0.246	0.0000139	0.000544	0.00101	0.00259	0.00144
2087 Apr	0.00048	0.00145	0.196	0.0000163	5.47	6.45	0.0983	0.00405	8.22	0.00264	0.0173	0.000564	0.000514	0.000339	0.261	0.0000148	0.000576	0.00107	0.00274	0.00152
2087 May	0.000448	0.00132	0.181	0.0000146	4.86	5.82	0.0907	0.00354	7.51	0.00238	0.0156	0.000535	0.000457	0.000301	0.235	0.000013	0.000504	0.000988	0.00246	0.00132
2087 Jun	0.000365	0.000964	0.143	0.0000101	3.08	4.06	0.0701	0.00202	5.56	0.00165	0.0109	0.000468	0.0003	0.000191	0.162	0.00000769	0.000288	0.000792	0.00175	0.000716
2087 Jul	0.000366	0.000977	0.144	0.0000103	3.27	4.21	0.0715	0.00227	5.68	0.00169	0.0112	0.000465	0.000312	0.000205	0.168	0.00000854	0.000307	0.000792	0.00178	0.000776
2087 Aug	0.000369	0.000996	0.144	0.0000106	3.56	4.44	0.0734	0.00252	5.79	0.00177	0.0114	0.000462	0.000334	0.000223	0.178	0.0000093	0.000354	0.000793	0.0018	0.000938
2087 Sep	0.000368	0.001	0.143	0.0000107	3.69	4.54	0.074	0.00267	5.85	0.0018	0.0116	0.000457	0.000341	0.000231	0.182	0.00000976	0.000372	0.000788	0.00181	0.000997
2087 Oct	0.000366	0.00101	0.143	0.0000107	3.7	4.54	0.0736	0.00271	5.88	0.0018	0.0117	0.000451	0.000339	0.000232	0.182	0.00000992	0.00037	0.000781	0.0018	0.000988
2087 Nov	0.000383	0.00106	0.15	0.0000113	3.87	4.75	0.0769	0.00284	6.17	0.00188	0.0123	0.000471	0.000354	0.000243	0.19	0.0000104	0.000387	0.000817	0.00189	0.00103
2087 Dec	0.000415	0.00115	0.162	0.0000122	4.2	5.15	0.0833	0.00308	6.68	0.00204	0.0133	0.000509	0.000383	0.000263	0.206	0.0000113	0.000419	0.000884	0.00205	0.00112
2088 Jan	0.000444	0.00123	0.174	0.0000131	4.5	5.52	0.0892	0.00331	7.15	0.00218	0.0142	0.000545	0.00041	0.000282	0.221	0.0000121	0.000449	0.000946	0.00219	0.0012
2088 Feb	0.00048	0.00133	0.188	0.0000141	4.87	5.97	0.0965	0.00359	7.74	0.00236	0.0154	0.000589	0.000444	0.000306	0.239	0.0000131	0.000485	0.00102	0.00237	0.00129
2088 Mar	0.000509	0.00141	0.199	0.000015	5.17	6.33	0.102	0.00383	8.21	0.0025	0.0163	0.000624	0.00047	0.000325	0.253	0.000014	0.000515	0.00108	0.00251	0.00137
2088 Apr	0.000531	0.00147	0.208	0.0000156	5.41	6.62	0.107	0.00401	8.58	0.00261	0.0171	0.000652	0.000492	0.00034	0.265	0.0000147	0.000538	0.00113	0.00262	0.00143
2088 May	0.000537	0.00148	0.21	0.0000157	5.45	6.67	0.108	0.00404	8.66	0.00263	0.0172	0.000658	0.000494	0.000342	0.267	0.0000148	0.00054	0.00114	0.00264	0.00144
2088 Jun	0.000323	0.000939	0.133	0.0000106	3.21	3.96	0.0642	0.0023	5.34	0.00165	0.0113	0.000395	0.000317	0.0002	0.158	0.0000087	0.000306	0.000738	0.00185	0.000788
2088 Jul	0.000308	0.000918	0.129	0.0000106	3.2	3.88	0.0618	0.00235	5.22	0.00162	0.0113	0.000372	0.00032	0.0002	0.155	0.00000892	0.000304	0.000721	0.00188	0.000786
2088 Aug	0.000316	0.000948	0.131	0.000011	3.5	4.15	0.0646	0.0026	5.38	0.00173	0.0116	0.000376	0.000346	0.000219	0.167	0.00000968	0.000353	0.000734	0.00193	0.000957
2088 Sep	0.000316	0.000956	0.131	0.0000111	3.6	4.23	0.0653	0.00272	5.45	0.00174	0.0117	0.000374	0.000351	0.000226	0.17	0.0000101	0.000363	0.000733	0.00193	0.00099
2088 Oct	0.000301	0.000936	0.127	0.0000108	3.45	4.05	0.0616	0.00263	5.31	0.00167	0.0115	0.000348	0.000329	0.000215	0.162	0.00000974	0.000344	0.000691	0.00185	0.000926
2088 Nov	0.000312	0.000978	0.132	0.0000112	3.57	4.2	0.0637	0.00274	5.53	0.00174	0.012	0.000359	0.000339	0.000223	0.168	0.0000101	0.000356	0.000715	0.00192	0.000954
2088 Dec	0.00034	0.00107	0.144	0.0000122	3.9	4.59	0.0695	0.00299	6.03	0.00189	0.0131	0.000392	0.00037	0.000244	0.184	0.0000011	0.000388	0.00078	0.0021	0.00104
2089 Jan	0.000372	0.00117	0.157	0.0000134	4.27	5.02	0.076	0.00328	6.6	0.00207	0.0144	0.000428	0.000405	0.000267	0.201	0.0000121	0.000424	0.000852	0.00229	0.00114
2089 Feb	0.000407	0.00127	0.172	0.0000146	4.67	5.49	0.0832	0.0036	7.22	0.00226	0.0157	0.000468	0.000443	0.000292	0.22	0.0000133	0.000464	0.000931	0.00251	0.00124
2089 Mar	0.000433	0.00136	0.183	0.0000156	4.99	5.85	0.0886	0.00385	7.7	0.00241	0.0168	0.000498	0.000472	0.000312	0.234	0.0000142	0.000494	0.000992	0.00267	0.00133
2089 Apr	0.000456	0.00143	0.193	0.0000164	5.26	6.17	0.0935	0.00407	8.12	0.00254	0.0177	0.000525	0.000498	0.00033	0.247	0.000015	0.000521	0.00105	0.00281	0.0014
2089 May	0.000411	0.00124	0.171	0.0000139	4.4	5.3	0.0828	0.00332	7.05	0.00217	0.015	0.000485	0.000417	0.000276	0.211	0.0000123	0.000426	0.000929	0.00239	0.00113
2089 Jun	0.000356	0.000932	0.14	0.0000097	2.91	3.88	0.0682	0.00198	5.44	0.00156	0.0107	0.000457	0.000279	0.000183	0.153	0.00000761	0.000251	0.000773	0.0017	0.000625
2089 Jul	0.000358	0.000948	0.14	0.00000994	3.14	4.06	0.0696	0.00221	5.54	0.00162	0.0109	0.000454	0.000296	0.000198	0.161	0.00000835	0.000284	0.000773	0.00172	0.000746
2089 Aug	0.000359	0.000965	0.14	0.0000102	3.38	4.25	0.071	0.00242	5.62	0.00169	0.0111	0.00045	0.000315	0.000212	0.17	0.000009	0.000324	0.00077	0.00174	0.000893
2089 Sep	0.000355	0.000968	0.139	0.0000102	3.45	4.3	0.0708	0.0025	5.63	0.0017	0.0112	0.000442	0.000318	0.000217	0.172	0.00000922	0.000338	0.00076	0.00173	0.000943
2089 Oct	0.000335	0.000941	0.132	0.00000993	3.36	4.15	0.0668	0.0025	5.45	0.00163	0.0109	0.000407	0.000302	0.000211	0.166	0.00000915	0.000329	0.000711	0.00165	0.000919
2089 Nov	0.000355	0.001	0.14	0.0000106	3.59	4.42	0.0709	0.0027	5.81	0.00174	0.0117	0.00043	0.000321	0.000226	0.176	0.00000985	0.000351	0.000752	0.00175	0.000978

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Dec	0.000379	0.00107	0.149	0.0000113	3.84	4.71	0.0757	0.00288	6.2	0.00185	0.0125	0.000458	0.000342	0.000241	0.188	0.0000105	0.000374	0.000802	0.00187	0.00104
2090 Jan	0.000404	0.00114	0.159	0.000012	4.1	5.03	0.0808	0.00309	6.62	0.00198	0.0133	0.000489	0.000365	0.000258	0.201	0.0000113	0.000399	0.000855	0.00199	0.00111
2090 Feb	0.000434	0.00122	0.171	0.0000129	4.41	5.41	0.0869	0.00333	7.12	0.00212	0.0143	0.000526	0.000393	0.000278	0.216	0.0000122	0.000429	0.000919	0.00214	0.0012
2090 Mar	0.000462	0.0013	0.182	0.0000137	4.7	5.77	0.0926	0.00356	7.58	0.00226	0.0152	0.000559	0.000418	0.000296	0.23	0.000013	0.000457	0.000978	0.00228	0.00127
2090 Apr	0.000493	0.00139	0.195	0.0000147	5.03	6.16	0.0989	0.00382	8.1	0.00241	0.0163	0.000597	0.000447	0.000317	0.245	0.0000139	0.000488	0.00104	0.00244	0.00136
2090 May	0.000497	0.00139	0.196	0.0000147	5.04	6.19	0.0996	0.00384	8.14	0.00241	0.0163	0.000602	0.000447	0.000318	0.246	0.000014	0.000487	0.00105	0.00244	0.00135
2090 Jun	0.000336	0.000911	0.135	0.00000971	2.84	3.75	0.0644	0.00195	5.24	0.00153	0.0106	0.000426	0.000278	0.000178	0.148	0.00000749	0.00025	0.000742	0.0017	0.000651
2090 Jul	0.000327	0.000911	0.133	0.00000993	2.96	3.79	0.0637	0.00207	5.21	0.00156	0.0108	0.00041	0.000291	0.000185	0.151	0.00000791	0.00027	0.000734	0.00175	0.000727
2090 Aug	0.000314	0.000902	0.127	0.00000993	3.1	3.84	0.062	0.00218	5.12	0.00158	0.0106	0.000384	0.000297	0.000192	0.154	0.00000817	0.000305	0.000693	0.0017	0.000874
2090 Sep	0.000302	0.000893	0.123	0.00000985	3.12	3.82	0.0601	0.00227	5.07	0.00156	0.0105	0.000361	0.000291	0.000194	0.153	0.00000838	0.00031	0.000661	0.00165	0.000895
2090 Oct	0.000288	0.000884	0.119	0.00000968	3.08	3.73	0.0573	0.00234	5.02	0.00151	0.0106	0.000334	0.000276	0.000192	0.149	0.00000859	0.0003	0.000622	0.00159	0.000853
2090 Nov	0.000291	0.000902	0.121	0.00000987	3.15	3.8	0.058	0.00243	5.13	0.00153	0.0108	0.000335	0.000279	0.000197	0.151	0.0000089	0.000304	0.000626	0.00162	0.000863
2090 Dec	0.000312	0.000966	0.129	0.0000106	3.38	4.07	0.0622	0.00261	5.49	0.00164	0.0116	0.000358	0.000299	0.000211	0.162	0.00000954	0.000326	0.000671	0.00173	0.000925
2091 Jan	0.000333	0.00103	0.138	0.0000113	3.61	4.35	0.0664	0.00279	5.87	0.00175	0.0124	0.000382	0.000319	0.000226	0.173	0.0000102	0.000348	0.000716	0.00185	0.000987
2091 Feb	0.000357	0.00111	0.148	0.0000121	3.88	4.67	0.0714	0.00301	6.3	0.00188	0.0133	0.000411	0.000343	0.000243	0.186	0.000011	0.000374	0.000769	0.00199	0.00106
2091 Mar	0.000379	0.00117	0.157	0.0000128	4.13	4.96	0.0758	0.00321	6.69	0.002	0.0141	0.000435	0.000364	0.000258	0.198	0.0000117	0.000396	0.000815	0.00211	0.00112
2091 Apr	0.000395	0.00122	0.164	0.0000134	4.32	5.18	0.0792	0.00336	6.99	0.00208	0.0147	0.000454	0.00038	0.000271	0.206	0.0000123	0.000414	0.000851	0.0022	0.00117
2091 May	0.000388	0.00118	0.16	0.0000128	4.11	4.99	0.0774	0.00319	6.75	0.00199	0.0141	0.000452	0.000362	0.000258	0.198	0.0000117	0.000389	0.000831	0.0021	0.0011
2091 Jun	0.000321	0.000894	0.13	0.00000951	2.76	3.62	0.0613	0.00193	5.14	0.00147	0.0104	0.0004	0.000261	0.000173	0.143	0.00000739	0.000238	0.0007	0.00164	0.000634
2091 Jul	0.000323	0.000912	0.131	0.00000983	3	3.81	0.0631	0.0022	5.27	0.00154	0.0108	0.000398	0.000282	0.000189	0.151	0.00000828	0.000269	0.000709	0.00169	0.000749
2091 Aug	0.000316	0.000911	0.128	0.0000099	3.16	3.9	0.0626	0.00231	5.22	0.00158	0.0107	0.000382	0.000292	0.000197	0.156	0.00000857	0.000304	0.000685	0.00167	0.000895
2091 Sep	0.000309	0.000907	0.125	0.0000099	3.24	3.93	0.062	0.00245	5.24	0.00158	0.0108	0.000368	0.000292	0.000203	0.157	0.000009	0.000313	0.000664	0.00165	0.00093
2091 Oct	0.000301	0.000903	0.123	0.00000983	3.21	3.88	0.0603	0.00247	5.2	0.00155	0.0108	0.000352	0.000283	0.000202	0.154	0.00000905	0.000307	0.000643	0.00162	0.000906
2091 Nov	0.000298	0.000914	0.123	0.00000993	3.19	3.86	0.0594	0.00247	5.24	0.00155	0.0109	0.000344	0.000278	0.0002	0.154	0.00000904	0.000304	0.000634	0.00162	0.000887
2091 Dec	0.000319	0.000976	0.131	0.0000106	3.41	4.12	0.0634	0.00264	5.59	0.00165	0.0117	0.000367	0.000297	0.000214	0.164	0.00000966	0.000324	0.000677	0.00173	0.000947
2092 Jan	0.000342	0.00105	0.141	0.0000114	3.66	4.43	0.0681	0.00284	6	0.00177	0.0125	0.000394	0.000318	0.000229	0.176	0.0000104	0.000348	0.000726	0.00185	0.00102
2092 Feb	0.000363	0.00111	0.149	0.0000121	3.88	4.7	0.0722	0.00302	6.37	0.00188	0.0133	0.000418	0.000338	0.000244	0.187	0.000011	0.000369	0.000771	0.00197	0.00108
2092 Mar	0.00038	0.00116	0.156	0.0000126	4.07	4.92	0.0757	0.00317	6.68	0.00197	0.0139	0.000438	0.000354	0.000256	0.196	0.0000116	0.000387	0.000808	0.00206	0.00113
2092 Apr	0.000398	0.00122	0.164	0.0000133	4.27	5.17	0.0794	0.00333	7	0.00206	0.0146	0.000459	0.000371	0.000268	0.205	0.0000122	0.000405	0.000846	0.00216	0.00118
2092 May	0.000391	0.00117	0.159	0.0000126	4.05	4.95	0.0776	0.00312	6.74	0.00197	0.0139	0.000459	0.000353	0.000254	0.197	0.0000114	0.00038	0.000828	0.00205	0.00111
2092 Jun	0.000309	0.00087	0.127	0.00000944	2.59	3.44	0.0584	0.00173	4.93	0.00144	0.0102	0.000386	0.000256	0.000161	0.136	0.00000676	0.000223	0.000689	0.00165	0.000611
2092 Jul	0.000291	0.000852	0.122	0.00000957	2.7	3.44	0.0564	0.00189	4.81	0.00145	0.0102	0.000358	0.000271	0.000168	0.137	0.00000728	0.000244	0.000669	0.00169	0.000704
2092 Aug	0.000296	0.000871	0.123	0.00000982	2.92	3.62	0.0582	0.00208	4.92	0.00151	0.0105	0.000358	0.000287	0.000182	0.145	0.00000788	0.000278	0.000674	0.00171	0.000837
2092 Sep	0.000294	0.000873	0.122	0.00000985	3.03	3.69	0.0586	0.00225	4.98	0.00152	0.0106	0.000352	0.00029	0.00019	0.147	0.00000842	0.000287	0.000665	0.00171	0.00087
2092 Oct	0.000294	0.000881	0.122	0.00000992	3.12	3.76	0.0592	0.0024	5.06	0.00153	0.0108	0.000348	0.000293	0.000197	0.149	0.00000894	0.000292	0.000662	0.00171	0.000887
2092 Nov	0.000315	0.000945	0.131	0.0000106	3.36	4.04	0.0635	0.0026	5.44	0.00164	0.0116	0.000372	0.000314	0.000212	0.16	0.00000966	0.000314	0.000708	0.00183	0.00095
2092 Dec	0.000332	0.000997	0.138	0.0000112	3.55	4.27	0.0671	0.00275	5.74	0.00173	0.0122	0.000393	0.000332	0.000224	0.169	0.0000102	0.000331	0.000747	0.00193	0.001
2093 Jan	0.000358	0.00108	0.149	0.0000121	3.83	4.6	0.0723	0.00297	6.19	0.00187	0.0132	0.000423	0.000358	0.000242	0.183	0.0000111	0.000357	0.000806	0.00209	0.00108
2093 Feb	0.000382	0.00115	0.158	0.0000129	4.09	4.91	0.0772	0.00318	6.61	0.00199	0.0141	0.000451	0.000381	0.000259	0.195	0.0000118	0.000381	0.000859	0.00222	0.00115
2093 Mar	0.000399	0.0012	0.165	0.0000135	4.28	5.14	0.0807	0.00334	6.91	0.00208	0.0147	0.000471	0.000399	0.000271	0.204	0.0000124	0.000398	0.000897	0.00232	0.00121
2093 Apr	0.000417	0.00125	0.173	0.0000141	4.48	5.38	0.0845	0.0035	7.23	0.00218	0.0154	0.000493	0.000417	0.000284	0.213	0.000013	0.000416	0.000938	0.00243	0.00126
2093 May	0.000396	0.00116	0.163	0.000013	4.13	5.01	0.0798	0.00321	6.76	0.00201	0.0142	0.000474	0.000383	0.000262	0.198	0.000012	0.000378	0.000884	0.00224	0.00114
2093 Jun	0.00031	0.000853	0.127	0.00000934	2.65	3.47	0.0598	0.00188	4.94	0.00143	0.0102	0.000393	0.000264	0.000169	0.137	0.00000733	0.00022	0.000702	0.00167	0.000617
2093 Jul	0.000308	0.000864	0.127	0.00000959	2.83	3.59	0.0605	0.00207	5	0.00147	0.0104	0.000385	0.000279	0.00018	0.142	0.00000798	0.000243	0.000703	0.00172	0.000713
2093 Aug	0.000311	0.00088	0.127	0.0000098	3.03	3.76	0.0621	0.00228	5.12	0.00152	0.0107	0.000385	0.000293	0.000193	0.148	0.00000865	0.00027	0.000705	0.00174	0.000821
2093 Sep	0.000309	0.000882	0.126	0.00000982	3.11	3.81	0.062	0.00239	5.14	0.00153	0.0107	0.000377	0.000295	0.000198	0.15	0.00000897	0.000281	0.000694	0.00173	0.000864
2093 Oct	0.000292	0.000864	0.121	0.00000958	3.04	3.69	0.0588	0.0024	5.02	0.00148	0.0106	0.000348	0.00028	0.000194	0.146	0.00000893	0.000275	0.000652	0.00165	0.000843
2093 Nov	0.000291	0.000876	0.121	0.00000968	3.06	3.71	0.0583	0.00244	5.07	0.00148	0.0108	0.000341	0.000278	0.000195	0.146	0.00000905	0.000275	0.000644	0.00165	0.000839
2093 Dec	0.000308	0.000928	0.128	0.0000103	3.24	3.93	0.0618	0.00258	5.37	0.00157	0.0114	0.000361	0.000294	0.000206	0.155	0.00000959	0.000292	0.000682	0.00175	0.000889
2094 Jan	0.000327	0.000985	0.136	0.0000109	3.45	4.17	0.0656	0.00275	5.7	0.00167	0.0121	0.000384	0.000312	0.000219	0.164	0.0000102	0.00031	0.000724	0.00186	0.000944
2094 Feb	0.000349	0.00105	0.145	0.0000116	3.69	4.46	0.0702	0.00295	6.1	0.00178	0.0129	0.00041	0.000334	0.000235	0.176	0.0000109	0.000331	0.000774	0.00199	0.00101
2094 Mar	0.000372	0.00112	0.155	0.0000124	3.94	4.76	0.0749	0.00316	6.51	0.0019	0.0138	0.000437	0.000356	0.000251	0.187	0.0000117	0.000353	0.000825	0.00212	0.00108
2094 Apr	0.00039	0.00118	0.162	0.000013	4.14	5	0.0786	0.00332	6.82	0.00199	0.0145	0.000458	0.000374	0.000264	0.197	0.0000123	0.00037	0.000864	0.00222	0.00113
2094 May	0.000373	0.00107	0.152	0.0000116	3.69	4.57	0.0742	0.00292	6.29	0.0018	0.013	0.000449	0.000333	0.000237	0.179	0.0000109	0.000321	0.000815	0.00199	0.000964
2094 Jun	0.000354	0.000905	0.137	0.00000917	2.83	3.8	0.0679	0.00207	5.41	0.00147	0.0105	0.000455	0.000258	0.000183	0.148	0.0000079	0.000223	0.000751	0.0016	0.000635
2094 Jul	0.000361	0.000932	0.139	0.00000951	3.14	4.07	0.0709	0.00239	5.61	0.00155	0.0109	0.00046	0.000281	0.000203	0.159	0.00000895	0.000261	0.000766	0.00165	0.000792
2094 Aug	0.000372	0.000962	0.143	0.00000984	3.37	4.29	0.0738	0.00265	5.83	0.00162	0.0113	0.00047	0.000298	0.000219	0.167	0.00000983	0.000285	0.000784	0.0017	0.000882
2094 Sep	0.000367	0.000962	0.141	0.00000986	3.44	4.32	0.0733	0.00275	5.83	0.00162	0.0114	0.000458	0.000299	0.000223	0.169	0.0000101	0.000294	0.00077	0.00169	0.00092
2094 Oct	0.000354	0.000948	0.137	0.00000972	3.44	4.27	0.0713	0.00281	5.75	0.0016	0.0113	0.000436	0.000293	0.000224	0.166	0.0000103	0.000297	0.00074	0.00165	0.000934
2094 Nov	0.000347	0.00095	0.135	0.00000974	3.42	4.23	0.0697	0.00282	5.73	0.00158	0.0113	0.000422	0.000287	0.000222	0.165	0.0000103	0.000294	0.000722	0.00163	0.000918
2094 Dec	0.000372	0.00102	0.145	0.0000104	3.67	4.54	0.0748	0.00303	6.15	0.0017	0.0122	0.000452	0.000307	0.000238	0.177	0.0000111	0.000315	0.000774	0.00175	0.000984
2095 Jan	0.000391	0.00107	0.152	0.000011	3.85	4.76	0.0785	0.00319	6.46	0.00178	0.0128	0.000475	0.000323	0.00025	0.186	0.0000116	0.00033	0.000812	0.00184	0.00103
2095 Feb	0.000425	0.00116	0.166	0.0000119	4.2	5.19	0.0855	0.00348	7.03	0.00194	0.0139	0.000516	0.000351	0.000273	0.202	0.0000127	0.000359	0.000883	0.002	0.00112
2095 Mar	0.000452	0.00124	0.176	0.0000127	4.47	5.52	0.091	0.00372	7.48	0.00206	0.0148	0.000549	0.000374	0.000291	0.215	0.0000136	0.000383	0.00094	0.00212	0.0012
2095 Apr	0.000475	0.0013	0.185	0.0000133	4.71	5.81	0.0957	0.00392	7.87	0.00216	0.0156	0.000576	0.000393	0.000306	0.226	0.0000143	0.000402	0.000987	0.00223	0.00126
2095 May	0.000424	0.00112	0.163	0.0000113	3.98	5.01	0.0846	0.00328	6.85	0.00185	0.0133	0.000524	0.000333	0.00026	0.194	0.000012	0.00033	0.000876	0.00191	0.00102
2095 Jun	0.00039	0.000975	0.148	0.00000952	3.26	4.3	0.0763	0.00259	6	0.00158	0.0113	0.0005	0.000276	0.000214	0.166	0.00000963	0.000254	0.000802	0.00163	0.000751

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Jul	0.000398	0.001	0.15	0.00000985	3.51	4.52	0.0788	0.00282	6.17	0.00165	0.0116	0.000506	0.000295	0.00023	0.175	0.0000104	0.000287	0.000815	0.00167	0.000895
2095 Aug	0.000388	0.000996	0.147	0.00000987	3.58	4.53	0.0776	0.00291	6.11	0.00166	0.0116	0.000489	0.000298	0.000234	0.176	0.0000106	0.000302	0.00079	0.00165	0.000967
2095 Sep	0.000383	0.000994	0.145	0.00000991	3.68	4.58	0.0774	0.00307	6.15	0.00166	0.0117	0.000476	0.0003	0.000242	0.178	0.0000112	0.000311	0.000774	0.00165	0.001
2095 Oct	0.000381	0.000994	0.144	0.00000992	3.78	4.64	0.0779	0.00324	6.2	0.00167	0.0118	0.00047	0.000304	0.00025	0.18	0.0000117	0.000318	0.000768	0.00165	0.00103
2095 Nov	0.000368	0.00098	0.14	0.00000978	3.72	4.54	0.0753	0.00324	6.09	0.00163	0.0117	0.000448	0.000294	0.000246	0.176	0.0000117	0.000311	0.000738	0.00161	0.001
2095 Dec	0.000383	0.00102	0.145	0.0000102	3.88	4.73	0.0783	0.00338	6.35	0.00169	0.0122	0.000465	0.000306	0.000256	0.183	0.0000122	0.000324	0.000767	0.00167	0.00104
2096 Jan	0.000411	0.0011	0.156	0.0000109	4.17	5.08	0.0841	0.00364	6.82	0.00182	0.0131	0.000499	0.000328	0.000275	0.196	0.0000131	0.000348	0.000823	0.00179	0.00112
2096 Feb	0.000434	0.00116	0.165	0.0000116	4.41	5.38	0.0889	0.00386	7.21	0.00192	0.0139	0.000528	0.000347	0.000292	0.208	0.0000139	0.000368	0.00087	0.0019	0.00118
2096 Mar	0.000463	0.00123	0.175	0.0000123	4.7	5.73	0.0948	0.00412	7.69	0.00205	0.0148	0.000562	0.00037	0.000311	0.221	0.0000149	0.000392	0.000927	0.00202	0.00126
2096 Apr	0.000488	0.0013	0.185	0.000013	4.97	6.05	0.1	0.00436	8.12	0.00216	0.0156	0.000593	0.000391	0.000329	0.234	0.0000157	0.000414	0.000979	0.00214	0.00133
2096 May	0.000472	0.00124	0.178	0.0000123	4.72	5.78	0.0964	0.00413	7.77	0.00206	0.0149	0.000577	0.000371	0.000313	0.223	0.0000149	0.000388	0.000944	0.00203	0.00124
2096 Jun	0.000317	0.000874	0.129	0.00000942	2.86	3.65	0.0624	0.00227	5.2	0.00143	0.0107	0.000396	0.000265	0.000186	0.141	0.00000868	0.00022	0.000704	0.00168	0.000651
2096 Jul	0.0003	0.000862	0.125	0.00000966	2.92	3.61	0.0602	0.00237	5.09	0.00144	0.0108	0.000368	0.000278	0.00019	0.14	0.00000904	0.000231	0.00069	0.00174	0.000708
2096 Aug	0.000307	0.000885	0.127	0.00000993	3.12	3.79	0.0624	0.0026	5.27	0.00149	0.0112	0.000373	0.000291	0.000204	0.147	0.00000983	0.000251	0.000702	0.00178	0.000789
2096 Sep	0.000302	0.000884	0.125	0.00000992	3.17	3.82	0.0617	0.00267	5.26	0.0015	0.0112	0.000361	0.000291	0.000207	0.148	0.00001	0.000262	0.000684	0.00176	0.000841
2096 Oct	0.000286	0.000866	0.12	0.00000966	3.11	3.71	0.0585	0.00268	5.13	0.00145	0.011	0.000333	0.000277	0.000203	0.144	0.00000997	0.000258	0.000641	0.00168	0.000828
2096 Nov	0.000295	0.000903	0.124	0.0000101	3.24	3.85	0.0604	0.0028	5.34	0.0015	0.0115	0.000342	0.000286	0.000211	0.149	0.0000104	0.000267	0.00066	0.00174	0.000855
2096 Dec	0.000324	0.00099	0.136	0.000011	3.56	4.23	0.0663	0.00308	5.86	0.00164	0.0126	0.000375	0.000313	0.000232	0.164	0.0000114	0.000294	0.000724	0.00191	0.000939
2097 Jan	0.00035	0.00107	0.147	0.0000119	3.85	4.57	0.0717	0.00334	6.34	0.00178	0.0136	0.000405	0.000339	0.000251	0.177	0.0000124	0.000317	0.000783	0.00206	0.00101
2097 Feb	0.00038	0.00116	0.159	0.0000129	4.19	4.97	0.078	0.00364	6.89	0.00193	0.0148	0.000439	0.000368	0.000273	0.192	0.0000135	0.000345	0.00085	0.00224	0.0011
2097 Mar	0.000405	0.00124	0.17	0.0000138	4.47	5.31	0.0832	0.0039	7.35	0.00206	0.0158	0.000469	0.000393	0.000292	0.205	0.0000145	0.000368	0.000906	0.00239	0.00118
2097 Apr	0.000424	0.00129	0.178	0.0000144	4.68	5.55	0.0871	0.00409	7.69	0.00215	0.0165	0.00049	0.000411	0.000307	0.215	0.0000152	0.000385	0.000947	0.0025	0.00123
2097 May	0.000403	0.0012	0.167	0.0000133	4.32	5.17	0.0823	0.00376	7.19	0.00199	0.0153	0.000471	0.000379	0.000284	0.2	0.000014	0.00035	0.000894	0.00231	0.00111
2097 Jun	0.000322	0.000897	0.131	0.00000967	2.93	3.73	0.0635	0.00239	5.36	0.00146	0.0111	0.000398	0.000269	0.000192	0.144	0.0000091	0.00022	0.000716	0.00172	0.000658
2097 Jul	0.000327	0.000919	0.133	0.00000998	3.16	3.92	0.0657	0.00265	5.53	0.00151	0.0115	0.000401	0.000285	0.000208	0.151	0.00001	0.000243	0.000727	0.00177	0.000754
2097 Aug	0.00033	0.000934	0.134	0.0000102	3.34	4.07	0.0672	0.00286	5.64	0.00156	0.0117	0.0004	0.000297	0.00022	0.157	0.0000107	0.000265	0.000729	0.00179	0.000855
2097 Sep	0.000332	0.000942	0.134	0.0000103	3.46	4.17	0.0683	0.00303	5.74	0.00157	0.0119	0.000399	0.000303	0.00023	0.16	0.0000113	0.000275	0.000729	0.0018	0.000895
2097 Oct	0.000329	0.000942	0.133	0.0000103	3.53	4.21	0.0683	0.00315	5.77	0.00157	0.012	0.000393	0.000303	0.000235	0.161	0.0000117	0.000279	0.000721	0.0018	0.000908
2097 Nov	0.000337	0.000969	0.136	0.0000105	3.63	4.32	0.0699	0.00326	5.94	0.00161	0.0123	0.0004	0.000311	0.000242	0.166	0.0000121	0.000286	0.000737	0.00184	0.000931
2097 Dec	0.000355	0.00102	0.144	0.0000111	3.83	4.55	0.0737	0.00344	6.26	0.0017	0.013	0.000421	0.000327	0.000255	0.175	0.0000127	0.000302	0.000776	0.00194	0.000981
2098 Jan	0.000382	0.0011	0.155	0.0000119	4.12	4.9	0.0793	0.0037	6.73	0.00183	0.014	0.000453	0.000352	0.000274	0.188	0.0000137	0.000325	0.000835	0.00209	0.00106
2098 Feb	0.000413	0.00119	0.167	0.0000129	4.46	5.3	0.0858	0.00401	7.29	0.00198	0.0151	0.00049	0.000381	0.000297	0.203	0.0000148	0.000351	0.000903	0.00226	0.00114
2098 Mar	0.000442	0.00127	0.179	0.0000138	4.77	5.67	0.0918	0.00431	7.79	0.00211	0.0162	0.000524	0.000407	0.000318	0.217	0.0000159	0.000376	0.000965	0.00241	0.00122
2098 Apr	0.000463	0.00133	0.187	0.0000144	4.98	5.93	0.0961	0.00449	8.15	0.00221	0.0169	0.000548	0.000425	0.000332	0.227	0.0000166	0.000391	0.00101	0.00251	0.00127
2098 May	0.000421	0.00115	0.167	0.0000121	4.11	5.07	0.0854	0.00358	7.06	0.00188	0.0142	0.000509	0.000352	0.000273	0.194	0.0000133	0.000314	0.000904	0.00211	0.000999
2098 Jun	0.000358	0.000917	0.142	0.00000954	2.75	3.75	0.0685	0.00206	5.51	0.00147	0.0109	0.000462	0.000263	0.00018	0.144	0.00000808	0.00019	0.000788	0.00173	0.000545
2098 Jul	0.000357	0.00093	0.142	0.00000985	2.95	3.89	0.0695	0.00227	5.59	0.00152	0.0112	0.000456	0.00028	0.000193	0.15	0.0000088	0.000215	0.000792	0.00179	0.000664
2098 Aug	0.000354	0.000935	0.141	0.00000995	3.05	3.96	0.0695	0.00239	5.63	0.00154	0.0113	0.000447	0.000285	0.0002	0.153	0.00000917	0.000231	0.00078	0.00179	0.000743
2098 Sep	0.000338	0.000919	0.135	0.0000098	3.05	3.89	0.0666	0.00243	5.5	0.00151	0.0111	0.000418	0.000278	0.000199	0.151	0.00000921	0.000239	0.000738	0.00173	0.000789
2098 Oct	0.000321	0.000904	0.13	0.00000962	3.04	3.82	0.0637	0.00248	5.39	0.00147	0.011	0.000388	0.000268	0.000198	0.148	0.00000931	0.000241	0.000695	0.00166	0.000804
2098 Nov	0.000323	0.000918	0.131	0.00000976	3.11	3.88	0.0641	0.00258	5.48	0.00149	0.0112	0.000386	0.00027	0.000203	0.15	0.00000964	0.000247	0.000695	0.00168	0.000825
2098 Dec	0.000343	0.000977	0.139	0.0000104	3.32	4.13	0.0683	0.00275	5.84	0.00159	0.012	0.000411	0.000288	0.000216	0.16	0.0000103	0.000263	0.00074	0.00178	0.000878
2099 Jan	0.000363	0.00103	0.147	0.000011	3.51	4.37	0.0722	0.00292	6.17	0.00168	0.0126	0.000434	0.000304	0.000229	0.169	0.0000109	0.000278	0.000782	0.00188	0.000928
2099 Feb	0.000386	0.0011	0.156	0.0000117	3.73	4.65	0.0768	0.00311	6.56	0.00178	0.0135	0.000461	0.000324	0.000243	0.18	0.0000116	0.000296	0.000831	0.002	0.000987
2099 Mar	0.000407	0.00116	0.165	0.0000123	3.95	4.91	0.0811	0.0033	6.93	0.00188	0.0142	0.000487	0.000342	0.000258	0.19	0.0000123	0.000313	0.000877	0.00211	0.00104
2099 Apr	0.000419	0.00119	0.169	0.0000126	4.04	5.04	0.0835	0.00338	7.11	0.00193	0.0145	0.000499	0.000349	0.000264	0.195	0.0000126	0.000319	0.000901	0.00216	0.00106
2099 May	0.000392	0.000968	0.149	0.00000942	2.93	4.06	0.0744	0.00218	5.89	0.00152	0.011	0.000471	0.000255	0.000188	0.156	0.00000832	0.000211	0.000808	0.00163	0.000655
2099 Jun	0.000411	0.000972	0.155	0.00000923	2.81	4.05	0.077	0.00198	5.94	0.00152	0.0108	0.000516	0.000249	0.00018	0.156	0.00000767	0.000193	0.000845	0.00161	0.000581
2099 Jul	0.000415	0.000992	0.156	0.0000095	3.06	4.26	0.0792	0.00225	6.08	0.00158	0.0111	0.000517	0.000268	0.000197	0.165	0.00000854	0.000226	0.000852	0.00165	0.000744
2099 Aug	0.00042	0.00101	0.157	0.00000976	3.22	4.4	0.0808	0.00242	6.23	0.00163	0.0114	0.000519	0.000279	0.000208	0.17	0.00000911	0.000244	0.000859	0.00168	0.000825
2099 Sep	0.000408	0.001	0.153	0.0000097	3.27	4.38	0.079	0.00251	6.16	0.00162	0.0114	0.000498	0.000277	0.000211	0.17	0.00000938	0.000251	0.000829	0.00165	0.000866
2099 Oct	0.000393	0.000983	0.148	0.00000955	3.28	4.32	0.0767	0.0026	6.06	0.00158	0.0113	0.000473	0.000271	0.000212	0.167	0.00000963	0.000254	0.000795	0.00161	0.000881
2099 Nov	0.000402	0.00102	0.152	0.00000989	3.47	4.51	0.0791	0.00285	6.3	0.00164	0.0118	0.000479	0.000282	0.000226	0.174	0.0000105	0.000268	0.00081	0.00166	0.000929
2099 Dec	0.000437	0.0011	0.165	0.0000107	3.8	4.92	0.0862	0.00315	6.87	0.00178	0.0129	0.00052	0.000307	0.000248	0.189	0.0000116	0.000292	0.00088	0.0018	0.00101
2100 Jan	0.000471	0.00119	0.177	0.0000116	4.11	5.31	0.093	0.00341	7.41	0.00192	0.0139	0.000561	0.000331	0.000268	0.204	0.0000126	0.000315	0.000948	0.00194	0.00109
2100 Feb	0.000505	0.00128	0.19	0.0000124	4.42	5.7	0.0998	0.00368	7.95	0.00206	0.0149	0.000601	0.000356	0.000289	0.219	0.0000135	0.000338	0.00102	0.00208	0.00117
2100 Mar	0.000542	0.00137	0.204	0.0000133	4.74	6.12	0.107	0.00396	8.53	0.0022	0.016	0.000644	0.000382	0.00031	0.235	0.0000146	0.000363	0.00109	0.00224	0.00126
2100 Apr	0.000568	0.00144	0.214	0.000014	4.98	6.42	0.112	0.00416	8.95	0.00231	0.0168	0.000675	0.0004	0.000326	0.247	0.0000153	0.000381	0.00114	0.00234	0.00132
2100 May	0.000474	0.00117	0.177	0.0000112	3.91	5.17	0.0927	0.00318	7.27	0.00186	0.0134	0.000578	0.000318	0.000256	0.199	0.0000118	0.000292	0.000952	0.00189	0.000996
2100 Jun	0.00038	0.000927	0.146	0.00000913	2.73	3.84	0.0718	0.00196	5.62	0.00147	0.0106	0.000484	0.000249	0.000177	0.148	0.00000762	0.000191	0.0008	0.00161	0.000601
2100 Jul	0.000366	0.000916	0.142	0.00000927	2.82	3.84	0.07	0.00207	5.52	0.00148	0.0106	0.000461	0.00026	0.000182	0.149	0.00000799	0.000208	0.000782	0.00165	0.000699
2100 Aug	0.000356	0.000909	0.138	0.00000928	2.89	3.85	0.0688	0.00217	5.48	0.00148	0.0106	0.000444	0.000262	0.000186	0.15	0.00000827	0.000222	0.000756	0.00162	0.000781
2100 Sep	0.000351	0.000907	0.136	0.0000093	3	3.91	0.0686	0.00235	5.51	0.00149	0.0107	0.000431	0.000264	0.000195	0.151	0.00000885	0.000232	0.000738	0.00161	0.000828
2100 Oct	0.000355	0.000922	0.137	0.00000946	3.14	4.03	0.0702	0.00255	5.65	0.00151	0.011	0.000433	0.000272	0.000205	0.156	0.00000953	0.000243	0.000744	0.00164	0.000873
2100 Nov	0.000378	0.000984	0.146	0.0000101	3.37	4.32	0.075	0.00275	6.04	0.00162	0.0117	0.000461	0.00029	0.000221	0.167	0.0000103	0.000261	0.000793	0.00175	0.000936
2100 Dec	0.000398	0.00104	0.154	0.0000106	3.56	4.55	0.079	0.00291	6.36	0.0017	0.0123	0.000485	0.000306	0.000233	0.176	0.0000109	0.000275	0.000834	0.00184	0.000985
2101 Jan	0.000428	0.00111	0.166	0.0000114	3.84	4.9	0.0851	0.00314	6.85	0.00183	0.0133	0.000522	0.00033	0.000251	0.189	0.0000117	0.000296	0.000898	0.00198	0.00106

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Feb	0.000473	0.00123	0.183	0.0000126	4.25	5.42	0.0941	0.00349	7.58	0.00202	0.0147	0.000576	0.000364	0.000279	0.209	0.000013	0.000327	0.000993	0.00219	0.00117
2101 Mar	0.00051	0.00133	0.197	0.0000136	4.58	5.85	0.101	0.00377	8.17	0.00218	0.0159	0.000621	0.000393	0.000301	0.226	0.0000141	0.000353	0.00107	0.00236	0.00126
2101 Apr	0.000542	0.00141	0.21	0.0000145	4.88	6.22	0.108	0.00403	8.69	0.00232	0.0169	0.00066	0.000418	0.00032	0.24	0.000015	0.000375	0.00114	0.00251	0.00134
2101 May	0.000444	0.00112	0.17	0.0000113	3.76	4.91	0.0873	0.00303	6.92	0.00183	0.0132	0.00055	0.000324	0.000247	0.189	0.0000114	0.000283	0.000925	0.00196	0.000996
2101 Jun	0.000351	0.000865	0.135	0.00000872	2.63	3.62	0.0669	0.00193	5.26	0.00139	0.01	0.00045	0.000242	0.000171	0.14	0.00000749	0.000186	0.000746	0.00156	0.000617
2101 Jul	0.000355	0.000884	0.137	0.00000901	2.86	3.81	0.0692	0.00222	5.43	0.00144	0.0104	0.000452	0.000259	0.000188	0.147	0.00000851	0.000208	0.000758	0.00161	0.00072
2101 Aug	0.000362	0.000905	0.139	0.00000925	3.05	3.98	0.0714	0.00244	5.59	0.00149	0.0107	0.000457	0.000272	0.000201	0.153	0.00000922	0.000227	0.000769	0.00165	0.000814
2101 Sep	0.000353	0.0009	0.136	0.00000924	3.1	3.99	0.0702	0.00256	5.59	0.00148	0.0108	0.00044	0.00027	0.000205	0.153	0.0000096	0.000232	0.000745	0.00162	0.00084
2101 Oct	0.000348	0.000896	0.134	0.00000919	3.15	4	0.0697	0.00267	5.58	0.00147	0.0108	0.000429	0.000269	0.000209	0.153	0.00000996	0.000236	0.000731	0.00161	0.000857
2101 Nov	0.000335	0.000877	0.13	0.00000899	3.07	3.88	0.067	0.00262	5.44	0.00143	0.0106	0.000409	0.000259	0.000204	0.149	0.00000976	0.00023	0.000701	0.00156	0.000829
2101 Dec	0.000353	0.000928	0.137	0.00000951	3.25	4.1	0.0708	0.00277	5.76	0.00151	0.0112	0.000431	0.000273	0.000215	0.157	0.0000103	0.000243	0.000741	0.00165	0.000874
2102 Jan	0.000383	0.001	0.148	0.0000103	3.52	4.44	0.0766	0.00301	6.23	0.00163	0.0122	0.000467	0.000296	0.000233	0.17	0.0000112	0.000263	0.000801	0.00178	0.000947
2102 Feb	0.00041	0.00107	0.159	0.000011	3.77	4.76	0.0821	0.00323	6.68	0.00175	0.013	0.0005	0.000317	0.00025	0.182	0.000012	0.000281	0.000858	0.00191	0.00101
2102 Mar	0.000435	0.00114	0.169	0.0000117	4.02	5.07	0.0873	0.00344	7.1	0.00186	0.0139	0.000531	0.000337	0.000267	0.194	0.0000128	0.000299	0.000912	0.00203	0.00108
2102 Apr	0.000458	0.0012	0.178	0.0000123	4.24	5.34	0.092	0.00364	7.48	0.00196	0.0146	0.000559	0.000355	0.000281	0.204	0.0000135	0.000315	0.00096	0.00214	0.00114
2102 May	0.000476	0.00125	0.184	0.0000128	4.42	5.56	0.0958	0.00382	7.79	0.00203	0.0152	0.00058	0.000369	0.000294	0.213	0.0000142	0.000328	0.000997	0.00222	0.00118
2102 Jun	0.000285	0.000824	0.12	0.00000934	2.69	3.37	0.0567	0.00222	4.89	0.00135	0.0105	0.000342	0.000259	0.000176	0.129	0.00000859	0.000195	0.000663	0.00171	0.000664
2102 Jul	0.00023	0.00073	0.105	0.00000892	2.3	2.82	0.0458	0.00187	4.18	0.00121	0.00967	0.00027	0.000243	0.00015	0.108	0.00000745	0.000166	0.000585	0.00168	0.000549
2102 Aug	0.000232	0.000742	0.105	0.00000908	2.48	2.96	0.0472	0.00208	4.29	0.00125	0.00988	0.000268	0.000254	0.000162	0.114	0.00000813	0.000187	0.000583	0.00169	0.000666
2102 Sep	0.000231	0.000747	0.104	0.00000913	2.57	3.03	0.0476	0.00221	4.35	0.00126	0.01	0.000263	0.000256	0.000168	0.117	0.00000854	0.000196	0.000576	0.00169	0.00071
2102 Oct	0.000228	0.000751	0.103	0.0000091	2.59	3.03	0.0469	0.00228	4.38	0.00125	0.0101	0.000254	0.000251	0.00017	0.116	0.00000876	0.000196	0.000561	0.00166	0.0007
2102 Nov	0.000239	0.000791	0.109	0.00000958	2.73	3.19	0.0494	0.00241	4.61	0.00131	0.0106	0.000267	0.000264	0.00018	0.123	0.00000926	0.000206	0.00059	0.00175	0.000736
2102 Dec	0.000255	0.000843	0.116	0.0000102	2.92	3.41	0.0527	0.00258	4.92	0.0014	0.0113	0.000284	0.000282	0.000192	0.131	0.00000989	0.00022	0.000629	0.00186	0.000786
2103 Jan	0.000274	0.000905	0.124	0.000011	3.13	3.66	0.0566	0.00277	5.28	0.0015	0.0122	0.000305	0.000302	0.000206	0.14	0.0000106	0.000236	0.000675	0.002	0.000843
2103 Feb	0.000292	0.000965	0.132	0.0000117	3.35	3.91	0.0605	0.00297	5.64	0.0016	0.013	0.000325	0.000323	0.00022	0.15	0.0000114	0.000252	0.00072	0.00213	0.0009
2103 Mar	0.000313	0.00103	0.142	0.0000125	3.59	4.19	0.0648	0.00319	6.05	0.00172	0.0139	0.000348	0.000346	0.000237	0.161	0.0000122	0.00027	0.000771	0.00229	0.000964
2103 Apr	0.000331	0.00109	0.15	0.0000132	3.81	4.44	0.0687	0.00339	6.4	0.00182	0.0147	0.000368	0.000366	0.000251	0.17	0.000013	0.000286	0.000816	0.00242	0.00102
2103 May	0.000315	0.000986	0.139	0.0000117	3.34	4	0.0641	0.0029	5.81	0.00163	0.013	0.000363	0.000321	0.00022	0.154	0.0000111	0.000247	0.000757	0.00213	0.00087
2103 Jun	0.000277	0.000778	0.117	0.00000878	2.28	3.02	0.0532	0.00171	4.53	0.00126	0.00969	0.000348	0.000235	0.000148	0.116	0.00000688	0.000157	0.000653	0.00163	0.000512
2103 Jul	0.00027	0.000778	0.115	0.00000894	2.44	3.11	0.053	0.00192	4.54	0.00128	0.00985	0.000333	0.000248	0.000159	0.12	0.00000757	0.000179	0.000641	0.00166	0.00064
2103 Aug	0.000262	0.000781	0.112	0.00000901	2.58	3.18	0.0524	0.00208	4.54	0.0013	0.00988	0.000318	0.000253	0.000168	0.123	0.00000808	0.000202	0.000611	0.00163	0.000782
2103 Sep	0.000255	0.00078	0.11	0.00000896	2.62	3.19	0.0513	0.00216	4.53	0.00129	0.0099	0.000303	0.000249	0.00017	0.123	0.00000828	0.000208	0.000589	0.00159	0.000818
2103 Oct	0.000244	0.000777	0.107	0.00000885	2.57	3.11	0.0488	0.00217	4.49	0.00126	0.0099	0.00028	0.000235	0.000167	0.12	0.00000826	0.000202	0.000556	0.00154	0.000774
2103 Nov	0.000248	0.000803	0.109	0.00000912	2.63	3.18	0.0495	0.00223	4.62	0.00129	0.0102	0.000282	0.000237	0.00017	0.123	0.00000845	0.000206	0.000563	0.00157	0.000786
2103 Dec	0.000265	0.000857	0.117	0.00000972	2.81	3.39	0.0528	0.00238	4.93	0.00137	0.0109	0.000301	0.000253	0.000182	0.131	0.00000903	0.00022	0.000601	0.00168	0.000838
2104 Jan	0.000289	0.000937	0.127	0.0000106	3.08	3.72	0.0578	0.00261	5.39	0.0015	0.0119	0.000329	0.000277	0.000199	0.144	0.00000991	0.000241	0.000657	0.00183	0.000917
2104 Feb	0.000315	0.00102	0.139	0.0000116	3.36	4.05	0.0629	0.00286	5.87	0.00163	0.013	0.000358	0.000302	0.000218	0.156	0.0000108	0.000262	0.000715	0.00199	0.000998
2104 Mar	0.000337	0.00109	0.148	0.0000124	3.6	4.34	0.0674	0.00307	6.29	0.00175	0.0139	0.000383	0.000323	0.000233	0.167	0.0000116	0.000281	0.000764	0.00213	0.00107
2104 Apr	0.000353	0.00114	0.155	0.000013	3.78	4.55	0.0707	0.00324	6.6	0.00183	0.0146	0.000401	0.000339	0.000246	0.176	0.0000123	0.000294	0.0008	0.00224	0.00112
2104 May	0.000327	0.000975	0.138	0.0000107	3.1	3.9	0.0641	0.00256	5.71	0.00155	0.0121	0.00039	0.000279	0.000202	0.15	0.00000979	0.000231	0.000723	0.00185	0.000851
2104 Jun	0.000316	0.000847	0.129	0.00000894	2.42	3.32	0.0596	0.00178	4.98	0.00133	0.0101	0.000404	0.000233	0.000157	0.128	0.00000703	0.000167	0.000696	0.0016	0.000571
2104 Jul	0.000313	0.000854	0.128	0.00000913	2.64	3.47	0.0607	0.00207	5.07	0.00137	0.0104	0.000396	0.000247	0.000173	0.133	0.00000804	0.000189	0.000693	0.00163	0.000696
2104 Aug	0.000312	0.000861	0.127	0.00000924	2.79	3.57	0.0613	0.00224	5.13	0.0014	0.0105	0.000389	0.000256	0.000183	0.138	0.00000857	0.000209	0.000685	0.00163	0.000817
2104 Sep	0.000304	0.000855	0.124	0.00000921	2.84	3.58	0.0603	0.00234	5.12	0.00139	0.0105	0.000374	0.000253	0.000187	0.138	0.0000089	0.000214	0.000662	0.00161	0.000844
2104 Oct	0.000294	0.000846	0.121	0.00000909	2.82	3.52	0.0584	0.0024	5.06	0.00136	0.0105	0.000354	0.000245	0.000186	0.135	0.00000903	0.000212	0.000634	0.00157	0.000827
2104 Nov	0.000303	0.00088	0.125	0.00000944	2.93	3.65	0.0601	0.00249	5.25	0.0014	0.0109	0.000363	0.000252	0.000192	0.14	0.00000937	0.000219	0.000653	0.00162	0.000852
2104 Dec	0.000329	0.000957	0.136	0.0000103	3.19	3.97	0.0655	0.00272	5.72	0.00153	0.0119	0.000395	0.000274	0.00021	0.152	0.0000102	0.000238	0.00071	0.00176	0.000927
2105 Jan	0.00036	0.00105	0.148	0.0000112	3.49	4.34	0.0716	0.00298	6.26	0.00167	0.013	0.000431	0.0003	0.00023	0.167	0.0000112	0.000261	0.000776	0.00193	0.00101
2105 Feb	0.000392	0.00114	0.161	0.0000122	3.8	4.73	0.0779	0.00325	6.81	0.00181	0.0141	0.000469	0.000326	0.00025	0.181	0.0000122	0.000284	0.000844	0.0021	0.0011
2105 Mar	0.00042	0.00122	0.173	0.0000131	4.08	5.08	0.0837	0.0035	7.31	0.00195	0.0151	0.000503	0.00035	0.000269	0.195	0.0000132	0.000305	0.000906	0.00225	0.00118
2105 Apr	0.000445	0.00129	0.183	0.0000139	4.34	5.39	0.0887	0.00373	7.75	0.00206	0.0161	0.000533	0.000372	0.000286	0.207	0.000014	0.000323	0.000959	0.00238	0.00126
2105 May	0.000374	0.00104	0.151	0.0000108	3.37	4.31	0.0736	0.00282	6.25	0.00164	0.0126	0.000461	0.00029	0.000223	0.165	0.0000106	0.000244	0.000797	0.00187	0.000931
2105 Jun	0.000342	0.00087	0.133	0.00000871	2.67	3.62	0.0656	0.00208	5.29	0.00137	0.0102	0.00044	0.000234	0.000176	0.139	0.00000798	0.000185	0.000716	0.00152	0.000683
2105 Jul	0.000343	0.000882	0.133	0.00000889	2.88	3.78	0.0671	0.00233	5.4	0.00141	0.0104	0.000437	0.000248	0.000191	0.145	0.00000879	0.000211	0.000716	0.00154	0.000839
2105 Aug	0.000327	0.000867	0.128	0.00000885	2.94	3.76	0.0647	0.0024	5.27	0.00141	0.0102	0.00041	0.000249	0.000193	0.145	0.00000894	0.000229	0.000676	0.0015	0.000974
2105 Sep	0.00031	0.000851	0.122	0.00000875	2.93	3.68	0.0618	0.00247	5.18	0.00137	0.0102	0.000379	0.000239	0.000193	0.142	0.00000913	0.000229	0.000632	0.00145	0.000971
2105 Oct	0.000302	0.000848	0.12	0.00000871	2.95	3.66	0.0604	0.00257	5.18	0.00135	0.0102	0.000362	0.000234	0.000195	0.141	0.00000944	0.000227	0.00061	0.00143	0.000952
2105 Nov	0.000309	0.000879	0.123	0.00000903	3.05	3.77	0.0618	0.00266	5.35	0.00139	0.0106	0.000368	0.000239	0.000201	0.145	0.00000978	0.000234	0.000625	0.00147	0.000973
2105 Dec	0.000335	0.000952	0.133	0.00000978	3.3	4.09	0.067	0.00289	5.8	0.00151	0.0115	0.000399	0.000259	0.000218	0.157	0.0000106	0.000253	0.000677	0.0016	0.00105
2106 Jan	0.000363	0.00103	0.144	0.0000106	3.59	4.43	0.0727	0.00314	6.29	0.00164	0.0125	0.000432	0.000281	0.000237	0.17	0.0000115	0.000275	0.000733	0.00173	0.00114
2106 Feb	0.000394	0.00112	0.157	0.0000115	3.9	4.81	0.0789	0.00343	6.83	0.00177	0.0136	0.000468	0.000305	0.000258	0.185	0.0000126	0.000298	0.000795	0.00188	0.00124
2106 Mar	0.000424	0.00121	0.169	0.0000124	4.21	5.2	0.0851	0.00371	7.36	0.00191	0.0146	0.000505	0.000329	0.000279	0.199	0.0000136	0.000322	0.000857	0.00202	0.00134
2106 Apr	0.000445	0.00127	0.177	0.000013	4.43	5.46	0.0895	0.00391	7.74	0.00201	0.0154	0.00053	0.000346	0.000294	0.21	0.0000144	0.000338	0.000899	0.00212	0.0014
2106 May	0.000427	0.0012	0.169	0.0000122	4.16	5.17	0.0855	0.00367	7.33	0.00189	0.0145	0.000512	0.000326	0.000276	0.198	0.0000135	0.000314	0.000861	0.002	0.0013
2106 Jun	0.000301	0.000828	0.122	0.00000872	2.59	3.38	0.0584	0.00209	4.96	0.00131	0.01	0.000374	0.000229	0.00017	0.13	0.000008	0.000185	0.000646	0.00152	0.000717
2106 Jul	0.000291	0.000826	0.119	0.00000895	2.77	3.46	0.058	0.00232	4.96	0.00134	0.0102	0.000355	0.000246	0.000182	0.133	0.00000881	0.000206	0.000637	0.00157	0.000851
2106 Aug	0.000283	0.000823	0.116	0.00000899	2.9	3.52	0.0573	0.00248	4.94	0.00136	0.0102	0.000339	0.000251	0.000191	0.136	0.00000929	0.000229	0.00061	0.00154	0.00101

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Sep	0.000272	0.000815	0.112	0.00000893	2.93	3.5	0.0557	0.00257	4.9	0.00134	0.0102	0.000319	0.000246	0.000193	0.135	0.00000952	0.000233	0.00058	0.00151	0.00104
2106 Oct	0.000277	0.000841	0.115	0.0000092	3.01	3.59	0.0566	0.00266	5.04	0.00137	0.0105	0.000321	0.00025	0.000198	0.138	0.00000983	0.000239	0.000588	0.00154	0.00105
2106 Nov	0.0003	0.000911	0.125	0.00000997	3.26	3.89	0.0614	0.00288	5.47	0.00149	0.0114	0.000348	0.000271	0.000215	0.15	0.0000107	0.000259	0.000637	0.00167	0.00114
2106 Dec	0.000325	0.000987	0.135	0.0000108	3.54	4.22	0.0665	0.00313	5.93	0.00161	0.0124	0.000376	0.000293	0.000233	0.163	0.0000116	0.000281	0.00069	0.00181	0.00124
2107 Jan	0.000353	0.00107	0.147	0.0000117	3.85	4.59	0.0724	0.00342	6.45	0.00175	0.0135	0.000409	0.000319	0.000254	0.177	0.0000126	0.000305	0.00075	0.00197	0.00134
2107 Feb	0.000381	0.00115	0.158	0.0000126	4.16	4.95	0.078	0.0037	6.95	0.00188	0.0145	0.00044	0.000344	0.000275	0.191	0.0000137	0.000329	0.000807	0.00212	0.00145
2107 Mar	0.000406	0.00123	0.168	0.0000135	4.45	5.29	0.0834	0.00397	7.42	0.00201	0.0155	0.00047	0.000367	0.000294	0.204	0.0000147	0.000351	0.000861	0.00226	0.00155
2107 Apr	0.00043	0.00131	0.178	0.0000143	4.72	5.61	0.0884	0.00422	7.87	0.00213	0.0164	0.000497	0.000389	0.000312	0.216	0.0000156	0.000372	0.000912	0.00239	0.00164
2107 May	0.0004	0.00118	0.164	0.0000127	4.13	5.02	0.0811	0.00362	7.1	0.0019	0.0146	0.000474	0.000343	0.000273	0.193	0.0000134	0.00032	0.000844	0.00213	0.00139
2107 Jun	0.00035	0.000907	0.137	0.00000918	2.84	3.79	0.0675	0.00224	5.51	0.00143	0.0106	0.000447	0.000245	0.000187	0.146	0.00000855	0.000202	0.000727	0.00158	0.000817
2107 Jul	0.000347	0.000912	0.135	0.0000093	3.04	3.92	0.0684	0.00252	5.59	0.00146	0.0109	0.000438	0.000256	0.000202	0.15	0.00000949	0.000222	0.000718	0.00159	0.000942
2107 Aug	0.000349	0.000924	0.136	0.00000946	3.25	4.09	0.0701	0.00279	5.71	0.0015	0.0111	0.000436	0.000269	0.000217	0.157	0.0000104	0.000245	0.000717	0.00161	0.00109
2107 Sep	0.000346	0.000927	0.135	0.0000095	3.33	4.13	0.07	0.00292	5.76	0.0015	0.0112	0.000427	0.00027	0.000223	0.158	0.0000108	0.000251	0.000708	0.00161	0.00112
2107 Oct	0.000341	0.000929	0.134	0.00000952	3.34	4.12	0.0692	0.00297	5.77	0.0015	0.0113	0.000417	0.000267	0.000224	0.157	0.0000109	0.00025	0.000697	0.0016	0.0011
2107 Nov	0.000358	0.00098	0.14	0.00001	3.5	4.33	0.0725	0.00311	6.07	0.00157	0.0119	0.000436	0.000279	0.000234	0.165	0.0000115	0.000262	0.00073	0.00168	0.00115
2107 Dec	0.000385	0.00105	0.151	0.0000108	3.77	4.65	0.0779	0.00335	6.53	0.00169	0.0128	0.000469	0.000301	0.000252	0.178	0.0000124	0.000282	0.000785	0.00181	0.00124
2108 Jan	0.000411	0.00112	0.161	0.0000115	4.03	4.97	0.0832	0.00358	6.97	0.0018	0.0137	0.0005	0.000321	0.000269	0.19	0.0000132	0.000301	0.000837	0.00193	0.00132
2108 Feb	0.000441	0.00121	0.173	0.0000124	4.33	5.34	0.0894	0.00386	7.48	0.00194	0.0147	0.000537	0.000345	0.00029	0.204	0.0000142	0.000323	0.000899	0.00207	0.00142
2108 Mar	0.000468	0.00128	0.184	0.0000131	4.61	5.68	0.095	0.00412	7.96	0.00206	0.0157	0.00057	0.000366	0.000309	0.217	0.0000152	0.000344	0.000954	0.0022	0.00151
2108 Apr	0.000488	0.00134	0.191	0.0000137	4.81	5.92	0.0991	0.00431	8.3	0.00214	0.0163	0.000594	0.000382	0.000322	0.226	0.0000159	0.000359	0.000995	0.00229	0.00157
2108 May	0.000492	0.00134	0.192	0.0000137	4.86	5.97	0.1	0.00439	8.36	0.00215	0.0164	0.000597	0.000384	0.000326	0.227	0.0000161	0.000359	0.001	0.00229	0.00157
2108 Jun	0.00032	0.000895	0.13	0.00000959	3.02	3.78	0.064	0.00261	5.44	0.00144	0.0111	0.000392	0.000263	0.000201	0.144	0.00000986	0.000216	0.000693	0.00168	0.000899
2108 Jul	0.000319	0.000903	0.13	0.00000984	3.21	3.91	0.0651	0.00288	5.55	0.00147	0.0115	0.000385	0.000278	0.000216	0.149	0.0000108	0.000231	0.000697	0.00174	0.000984
2108 Aug	0.000325	0.000924	0.132	0.0000101	3.44	4.1	0.0675	0.00315	5.73	0.00152	0.0118	0.000389	0.000292	0.000232	0.156	0.0000117	0.000254	0.000706	0.00178	0.00112
2108 Sep	0.000323	0.000927	0.131	0.0000101	3.5	4.14	0.0676	0.00326	5.77	0.00152	0.0119	0.000383	0.000293	0.000236	0.157	0.0000121	0.000258	0.0007	0.00177	0.00114
2108 Oct	0.000302	0.000902	0.125	0.0000098	3.31	3.92	0.0626	0.00309	5.54	0.00145	0.0116	0.000349	0.00027	0.000222	0.149	0.0000115	0.000242	0.000648	0.00168	0.00105
2108 Nov	0.000313	0.000941	0.13	0.0000102	3.44	4.07	0.0648	0.00323	5.77	0.0015	0.0121	0.00036	0.000279	0.000231	0.154	0.0000119	0.000251	0.00067	0.00174	0.00109
2108 Dec	0.000338	0.00102	0.14	0.000011	3.72	4.4	0.07	0.00349	6.24	0.00162	0.0131	0.000389	0.000302	0.00025	0.167	0.0000129	0.000272	0.000724	0.00188	0.00117
2109 Jan	0.000365	0.0011	0.151	0.0000119	4.02	4.76	0.0757	0.00378	6.74	0.00175	0.0142	0.00042	0.000326	0.00027	0.18	0.000014	0.000294	0.000782	0.00204	0.00127
2109 Feb	0.000395	0.00119	0.164	0.0000129	4.36	5.15	0.082	0.00411	7.31	0.0019	0.0153	0.000455	0.000353	0.000293	0.195	0.0000152	0.000318	0.000847	0.0022	0.00137
2109 Mar	0.00042	0.00126	0.174	0.0000137	4.64	5.48	0.0872	0.00438	7.77	0.00202	0.0163	0.000483	0.000375	0.000312	0.208	0.0000162	0.000338	0.000899	0.00234	0.00146
2109 Apr	0.000442	0.00133	0.183	0.0000144	4.9	5.78	0.0919	0.00464	8.18	0.00212	0.0172	0.000508	0.000395	0.00033	0.219	0.0000171	0.000356	0.000946	0.00246	0.00153
2109 May	0.000399	0.00114	0.162	0.0000121	4.06	4.94	0.0813	0.00374	7.06	0.00181	0.0145	0.000473	0.000331	0.000273	0.187	0.0000139	0.000288	0.000846	0.00208	0.00122
2109 Jun	0.000365	0.000943	0.142	0.00000948	3.07	4.02	0.0716	0.0026	5.85	0.00147	0.0113	0.000463	0.000257	0.000206	0.153	0.00000983	0.000205	0.000762	0.00165	0.000821
2109 Jul	0.000362	0.000948	0.141	0.0000096	3.25	4.15	0.0724	0.00285	5.91	0.0015	0.0115	0.000454	0.000269	0.000219	0.157	0.0000106	0.000227	0.000753	0.00166	0.000975
2109 Aug	0.000362	0.000958	0.141	0.00000975	3.43	4.28	0.0734	0.00308	6.01	0.00154	0.0117	0.000449	0.000279	0.000232	0.162	0.0000114	0.000246	0.000747	0.00168	0.00111
2109 Sep	0.000352	0.000949	0.138	0.00000968	3.43	4.24	0.0717	0.00309	5.93	0.00152	0.0116	0.000432	0.000275	0.000231	0.161	0.0000114	0.000251	0.000723	0.00165	0.00115
2109 Oct	0.000326	0.000909	0.129	0.00000928	3.27	4.01	0.0664	0.00301	5.66	0.00144	0.0113	0.000391	0.000255	0.00022	0.152	0.0000111	0.000238	0.000665	0.00155	0.00108
2109 Nov	0.000345	0.000963	0.136	0.00000983	3.47	4.24	0.0702	0.0032	5.99	0.00152	0.0119	0.000412	0.000269	0.000234	0.161	0.0000118	0.000252	0.000701	0.00164	0.00113
2109 Dec	0.000369	0.00103	0.146	0.0000105	3.72	4.54	0.0752	0.00343	6.42	0.00163	0.0128	0.000441	0.000289	0.00025	0.172	0.0000126	0.00027	0.000751	0.00176	0.00121
2110 Jan	0.000391	0.00109	0.154	0.0000111	3.95	4.82	0.0797	0.00365	6.8	0.00172	0.0135	0.000467	0.000306	0.000266	0.183	0.0000134	0.000286	0.000795	0.00186	0.00129
2110 Feb	0.00042	0.00117	0.166	0.000012	4.25	5.19	0.0858	0.00394	7.32	0.00185	0.0146	0.000502	0.000329	0.000287	0.197	0.0000145	0.000308	0.000855	0.002	0.00138
2110 Mar	0.00045	0.00126	0.178	0.0000128	4.56	5.56	0.0919	0.00424	7.84	0.00198	0.0156	0.000537	0.000353	0.000308	0.211	0.0000155	0.00033	0.000915	0.00214	0.00148
2110 Apr	0.00048	0.00134	0.19	0.0000137	4.88	5.94	0.0982	0.00454	8.37	0.00211	0.0167	0.000573	0.000377	0.000329	0.225	0.0000167	0.000352	0.000977	0.00228	0.00158
2110 May	0.000473	0.00131	0.186	0.0000133	4.74	5.8	0.0966	0.00441	8.2	0.00206	0.0162	0.000569	0.000366	0.00032	0.22	0.0000162	0.00034	0.000962	0.00223	0.00152
2110 Jun	0.000348	0.000908	0.137	0.00000921	2.87	3.8	0.0677	0.00238	5.57	0.00141	0.0109	0.000443	0.000246	0.000192	0.144	0.00000908	0.000191	0.000734	0.00161	0.00078
2110 Jul	0.000341	0.000907	0.135	0.00000934	3.05	3.9	0.0679	0.00264	5.6	0.00144	0.0111	0.000428	0.00026	0.000205	0.148	0.00000994	0.000212	0.000723	0.00164	0.000934
2110 Aug	0.000314	0.000876	0.126	0.00000917	3.03	3.77	0.0633	0.00265	5.35	0.0014	0.0107	0.000385	0.000251	0.000203	0.144	0.00000992	0.000223	0.000653	0.00156	0.00105
2110 Sep	0.000295	0.000857	0.12	0.00000899	2.95	3.62	0.0592	0.00262	5.2	0.00135	0.0105	0.000351	0.000235	0.000196	0.138	0.00000973	0.000217	0.000605	0.00149	0.00101
2110 Oct	0.000275	0.00084	0.114	0.00000879	2.81	3.45	0.0547	0.00253	5.03	0.00129	0.0104	0.000317	0.000217	0.000186	0.132	0.00000933	0.000207	0.000558	0.00142	0.000949
2110 Nov	0.000276	0.000853	0.115	0.00000891	2.83	3.47	0.0547	0.00254	5.08	0.0013	0.0105	0.000315	0.000217	0.000186	0.133	0.00000937	0.000208	0.000559	0.00143	0.000946
2110 Dec	0.000293	0.000906	0.122	0.00000947	3.01	3.69	0.0582	0.0027	5.4	0.00138	0.0112	0.000335	0.000231	0.000198	0.141	0.00000997	0.000221	0.000594	0.00152	0.00101
2111 Jan	0.000313	0.000967	0.131	0.0000101	3.22	3.94	0.0622	0.0029	5.77	0.00148	0.0119	0.000358	0.000247	0.000212	0.151	0.0000107	0.000237	0.000634	0.00162	0.00107
2111 Feb	0.000335	0.00103	0.14	0.0000108	3.45	4.22	0.0666	0.00311	6.18	0.00158	0.0128	0.000383	0.000264	0.000228	0.161	0.0000115	0.000253	0.000678	0.00174	0.00115
2111 Mar	0.000353	0.00109	0.147	0.0000114	3.65	4.46	0.0703	0.0033	6.52	0.00166	0.0135	0.000403	0.000279	0.000241	0.17	0.0000122	0.000267	0.000715	0.00183	0.00121
2111 Apr	0.000368	0.00114	0.153	0.0000119	3.81	4.65	0.0733	0.00346	6.8	0.00173	0.0141	0.00042	0.000291	0.000252	0.177	0.0000127	0.000279	0.000745	0.00191	0.00126
2111 May	0.00036	0.00108	0.148	0.0000112	3.6	4.45	0.0716	0.00325	6.51	0.00165	0.0133	0.000419	0.000276	0.000239	0.17	0.000012	0.00026	0.000728	0.00181	0.00117
2111 Jun	0.000328	0.000883	0.131	0.00000887	2.67	3.57	0.0627	0.00217	5.32	0.00135	0.0104	0.000411	0.000222	0.000176	0.136	0.00000823	0.000179	0.000676	0.0015	0.000757
2111 Jul	0.000332	0.0009	0.132	0.00000912	2.93	3.78	0.0651	0.00251	5.5	0.00139	0.0108	0.000412	0.000239	0.000195	0.144	0.00000942	0.000203	0.000684	0.00155	0.000909
2111 Aug	0.000317	0.000884	0.126	0.00000906	3	3.76	0.0631	0.00261	5.4	0.00139	0.0107	0.000386	0.000239	0.000199	0.144	0.00000971	0.000218	0.000645	0.0015	0.00105
2111 Sep	0.000309	0.000878	0.123	0.00000905	3.05	3.77	0.0622	0.00274	5.4	0.00138	0.0107	0.00037	0.000237	0.000204	0.144	0.0000101	0.000222	0.000623	0.00149	0.00107
2111 Oct	0.000297	0.000871	0.12	0.00000898	2.98	3.67	0.0595	0.0027	5.32	0.00135	0.0107	0.000349	0.000227	0.000199	0.14	0.00000995	0.000216	0.000595	0.00145	0.00102
2111 Nov	0.000286	0.000863	0.117	0.00000888	2.88	3.55	0.0568	0.0026	5.21	0.00131	0.0106	0.00033	0.000215	0.000191	0.135	0.00000957	0.000208	0.00057	0.00142	0.000966
2111 Dec	0.000304	0.000916	0.125	0.00000943	3.06	3.77	0.0602	0.00277	5.53	0.00139	0.0112	0.00035	0.000229	0.000203	0.144	0.0000102	0.000221	0.000605	0.0015	0.00102
2112 Jan	0.000325	0.000981	0.133	0.0000101	3.27	4.04	0.0645	0.00297	5.92	0.00149	0.012	0.000375	0.000245	0.000217	0.154	0.0000109	0.000236	0.000648	0.00161	0.0011
2112 Feb	0.000344	0.00104	0.141	0.0000107	3.46	4.27	0.0682	0.00314	6.26	0.00157	0.0127	0.000396	0.000259	0.00023	0.163	0.0000116	0.00025	0.000684	0.0017	0.00116
2112 Mar	0.000358	0.00108	0.147	0.0000111	3.62	4.45	0.0712	0.00329	6.53	0.00164	0.0133	0.000413	0.00027	0.00024	0.17	0.0000121	0.000261	0.000713	0.00177	0.00121

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2112 Apr	0.000373	0.00113	0.153	0.0000116	3.78	4.65	0.0743	0.00344	6.81	0.00171	0.0138	0.00043	0.000282	0.000251	0.177	0.0000127	0.000272	0.000744	0.00185	0.00126
2112 May	0.000363	0.00105	0.147	0.0000107	3.45	4.34	0.0714	0.00306	6.38	0.0016	0.0127	0.00043	0.000261	0.000229	0.166	0.0000113	0.000244	0.000722	0.00171	0.00112
2112 Jun	0.000311	0.000838	0.126	0.0000086	2.38	3.28	0.0585	0.00179	4.96	0.00128	0.00985	0.000396	0.000213	0.000155	0.126	0.00000697	0.00016	0.000661	0.00149	0.000686
2112 Jul	0.000301	0.000829	0.122	0.00000874	2.56	3.35	0.0582	0.00208	4.96	0.0013	0.0101	0.000375	0.000227	0.000169	0.128	0.00000799	0.000177	0.000648	0.00153	0.00081
2112 Aug	0.000301	0.000839	0.122	0.00000888	2.72	3.47	0.0593	0.00228	5.06	0.00133	0.0103	0.000372	0.000236	0.00018	0.133	0.00000864	0.000194	0.000646	0.00154	0.000941
2112 Sep	0.000297	0.000838	0.121	0.00000889	2.81	3.52	0.0592	0.00244	5.11	0.00133	0.0104	0.000362	0.000236	0.000187	0.134	0.00000918	0.000199	0.000632	0.00153	0.00096
2112 Oct	0.000296	0.000844	0.12	0.00000895	2.87	3.56	0.0594	0.00255	5.16	0.00133	0.0105	0.000357	0.000237	0.000192	0.136	0.00000957	0.000202	0.000627	0.00153	0.000972
2112 Nov	0.000314	0.000897	0.128	0.00000951	3.05	3.79	0.063	0.00272	5.49	0.00141	0.0112	0.000378	0.000252	0.000204	0.144	0.0000102	0.000215	0.000665	0.00163	0.00103
2112 Dec	0.000334	0.000952	0.136	0.0000101	3.24	4.02	0.0669	0.00289	5.83	0.0015	0.0119	0.000401	0.000267	0.000217	0.153	0.0000108	0.000228	0.000705	0.00173	0.00109
2113 Jan	0.000362	0.00103	0.147	0.000011	3.52	4.37	0.0727	0.00315	6.33	0.00163	0.0129	0.000436	0.00029	0.000236	0.166	0.0000118	0.000248	0.000766	0.00187	0.00119
2113 Feb	0.00039	0.00111	0.159	0.0000118	3.8	4.71	0.0784	0.0034	6.82	0.00176	0.0139	0.000469	0.000313	0.000255	0.179	0.0000127	0.000267	0.000825	0.00202	0.00128
2113 Mar	0.00041	0.00117	0.167	0.0000124	4	4.95	0.0823	0.00358	7.17	0.00184	0.0146	0.000492	0.000329	0.000268	0.188	0.0000134	0.00028	0.000866	0.00212	0.00134
2113 Apr	0.000429	0.00122	0.174	0.000013	4.19	5.18	0.0862	0.00376	7.5	0.00193	0.0153	0.000515	0.000344	0.000281	0.197	0.0000141	0.000294	0.000906	0.00222	0.00141
2113 May	0.000396	0.0011	0.159	0.0000115	3.7	4.66	0.0791	0.00328	6.77	0.00172	0.0136	0.000485	0.000305	0.000249	0.177	0.0000123	0.000255	0.000833	0.00197	0.0012
2113 Jun	0.00034	0.000871	0.134	0.00000884	2.6	3.56	0.065	0.00204	5.31	0.00135	0.0103	0.00044	0.000231	0.000173	0.136	0.00000793	0.000167	0.000722	0.00156	0.000732
2113 Jul	0.000339	0.00088	0.133	0.00000901	2.79	3.68	0.066	0.0023	5.4	0.00138	0.0106	0.000433	0.000242	0.000186	0.14	0.0000088	0.000185	0.000717	0.00159	0.000862
2113 Aug	0.000337	0.000886	0.133	0.00000912	2.93	3.79	0.0666	0.00249	5.46	0.00141	0.0107	0.000426	0.00025	0.000197	0.144	0.00000942	0.000202	0.000709	0.00159	0.000998
2113 Sep	0.000328	0.000879	0.13	0.00000907	2.95	3.76	0.0652	0.00254	5.42	0.00139	0.0107	0.00041	0.000247	0.000198	0.143	0.00000955	0.000206	0.000686	0.00157	0.00103
2113 Oct	0.000307	0.000859	0.123	0.00000885	2.83	3.59	0.0605	0.00248	5.24	0.00133	0.0105	0.000373	0.000229	0.000189	0.136	0.00000926	0.000197	0.000635	0.00149	0.000961
2113 Nov	0.000306	0.000873	0.124	0.00000898	2.83	3.59	0.0601	0.00248	5.28	0.00134	0.0107	0.000368	0.000227	0.000188	0.137	0.00000925	0.000197	0.000631	0.0015	0.000951
2113 Dec	0.000325	0.000927	0.132	0.00000954	3.01	3.82	0.0638	0.00263	5.61	0.00142	0.0113	0.000391	0.000241	0.0002	0.145	0.00000983	0.00021	0.000671	0.00159	0.00101
2114 Jan	0.000347	0.000989	0.141	0.0000102	3.21	4.08	0.0681	0.00281	5.99	0.00152	0.0121	0.000417	0.000257	0.000213	0.155	0.0000105	0.000224	0.000716	0.0017	0.00108
2114 Feb	0.000375	0.00107	0.152	0.000011	3.48	4.41	0.0737	0.00305	6.48	0.00164	0.0131	0.000451	0.000278	0.000231	0.168	0.0000114	0.000242	0.000774	0.00184	0.00117
2114 Mar	0.000401	0.00114	0.163	0.0000118	3.73	4.73	0.079	0.00328	6.95	0.00176	0.014	0.000483	0.000298	0.000248	0.18	0.0000123	0.000259	0.000828	0.00197	0.00125
2114 Apr	0.000421	0.0012	0.17	0.0000123	3.92	4.96	0.0828	0.00345	7.28	0.00184	0.0147	0.000506	0.000313	0.000261	0.189	0.0000129	0.000272	0.000868	0.00206	0.00131
2114 May	0.000389	0.00106	0.155	0.0000107	3.35	4.37	0.0756	0.00284	6.45	0.00162	0.0127	0.000482	0.000271	0.000223	0.166	0.0000107	0.000227	0.000799	0.0018	0.00107
2114 Jun	0.000364	0.000912	0.14	0.00000885	2.74	3.78	0.0692	0.00217	5.61	0.00139	0.0106	0.00047	0.000228	0.000182	0.144	0.00000829	0.000177	0.000742	0.00152	0.000812
2114 Jul	0.00037	0.000933	0.142	0.00000911	3	4	0.072	0.00252	5.81	0.00145	0.011	0.000474	0.000245	0.000202	0.152	0.00000948	0.000201	0.000753	0.00156	0.000979
2114 Aug	0.000377	0.000956	0.144	0.00000935	3.19	4.17	0.0743	0.00275	5.99	0.00149	0.0113	0.00048	0.000256	0.000215	0.158	0.0000103	0.000217	0.000765	0.0016	0.00109
2114 Sep	0.000364	0.000944	0.14	0.00000928	3.18	4.11	0.072	0.00277	5.91	0.00147	0.0113	0.000457	0.000251	0.000214	0.156	0.0000103	0.000219	0.000735	0.00157	0.00111
2114 Oct	0.000349	0.000928	0.135	0.00000914	3.15	4.02	0.0693	0.0028	5.79	0.00143	0.0112	0.000431	0.000243	0.000212	0.152	0.0000103	0.000217	0.000701	0.00152	0.0011
2114 Nov	0.000344	0.000933	0.134	0.0000092	3.12	3.99	0.0679	0.00279	5.79	0.00143	0.0113	0.000419	0.000238	0.000209	0.151	0.0000103	0.000216	0.000687	0.00152	0.00108
2114 Dec	0.000371	0.00101	0.145	0.00000994	3.37	4.31	0.0733	0.00301	6.25	0.00154	0.0122	0.000452	0.000257	0.000226	0.163	0.0000111	0.000233	0.000742	0.00164	0.00117
2115 Jan	0.000391	0.00106	0.153	0.0000105	3.55	4.53	0.0771	0.00318	6.58	0.00162	0.0128	0.000476	0.00027	0.000238	0.172	0.0000117	0.000245	0.000781	0.00172	0.00123
2115 Feb	0.000422	0.00115	0.165	0.0000113	3.84	4.9	0.0834	0.00344	7.11	0.00175	0.0138	0.000514	0.000292	0.000258	0.186	0.0000127	0.000265	0.000844	0.00186	0.00133
2115 Mar	0.000448	0.00122	0.175	0.000012	4.08	5.2	0.0885	0.00366	7.55	0.00186	0.0147	0.000546	0.00031	0.000274	0.197	0.0000135	0.000281	0.000895	0.00198	0.00141
2115 Apr	0.00047	0.00128	0.184	0.0000126	4.29	5.47	0.093	0.00386	7.93	0.00195	0.0154	0.000572	0.000326	0.000288	0.207	0.0000142	0.000295	0.000939	0.00207	0.00148
2115 May	0.000403	0.00105	0.155	0.0000102	3.44	4.49	0.0787	0.003	6.56	0.0016	0.0125	0.000502	0.000264	0.000231	0.17	0.0000111	0.00023	0.000803	0.0017	0.00113
2115 Jun	0.000379	0.000945	0.144	0.00000898	2.98	4.03	0.073	0.0025	5.91	0.00144	0.011	0.000484	0.000234	0.0002	0.153	0.00000937	0.000194	0.000755	0.00151	0.000925
2115 Jul	0.000381	0.00096	0.144	0.00000917	3.15	4.16	0.0743	0.0027	6.02	0.00148	0.0112	0.000484	0.000245	0.000212	0.158	0.00001	0.000213	0.000757	0.00154	0.00109
2115 Aug	0.000363	0.000939	0.139	0.00000908	3.14	4.08	0.0714	0.00272	5.86	0.00145	0.011	0.000455	0.000241	0.000211	0.155	0.0000101	0.000219	0.000714	0.0015	0.00117
2115 Sep	0.000356	0.000934	0.136	0.0000091	3.22	4.1	0.0708	0.00287	5.88	0.00145	0.0111	0.000441	0.000241	0.000217	0.156	0.0000106	0.000224	0.000696	0.00149	0.0012
2115 Oct	0.000353	0.000933	0.135	0.00000909	3.3	4.14	0.0709	0.00302	5.92	0.00144	0.0112	0.000434	0.000243	0.000224	0.157	0.0000111	0.000228	0.000688	0.00148	0.00121
2115 Nov	0.000344	0.000928	0.133	0.00000906	3.26	4.09	0.0692	0.00302	5.87	0.00142	0.0112	0.000418	0.000237	0.000221	0.154	0.000011	0.000225	0.000669	0.00146	0.00118
2115 Dec	0.000358	0.000967	0.138	0.00000944	3.4	4.26	0.072	0.00315	6.11	0.00148	0.0117	0.000435	0.000246	0.00023	0.161	0.0000115	0.000234	0.000696	0.00152	0.00123
2116 Jan	0.000381	0.00103	0.147	0.00001	3.61	4.52	0.0764	0.00335	6.49	0.00157	0.0124	0.000461	0.000262	0.000245	0.171	0.0000122	0.000249	0.000739	0.00162	0.0013
2116 Feb	0.000402	0.00109	0.155	0.0000106	3.82	4.78	0.0808	0.00354	6.86	0.00166	0.0131	0.000488	0.000277	0.000259	0.181	0.0000129	0.000263	0.000781	0.00171	0.00138
2116 Mar	0.000427	0.00115	0.165	0.0000112	4.06	5.07	0.0857	0.00377	7.28	0.00176	0.0139	0.000517	0.000294	0.000275	0.192	0.0000138	0.000279	0.000828	0.00181	0.00146
2116 Apr	0.000447	0.00121	0.172	0.0000118	4.26	5.32	0.0899	0.00396	7.63	0.00185	0.0146	0.000542	0.000308	0.000289	0.201	0.0000145	0.000292	0.000868	0.0019	0.00153
2116 May	0.000421	0.00111	0.161	0.0000107	3.83	4.87	0.0839	0.00349	7.02	0.0017	0.0133	0.000519	0.00028	0.000259	0.184	0.0000128	0.00026	0.00082	0.00174	0.00135
2116 Jun	0.00034	0.000879	0.134	0.00000886	2.57	3.54	0.0646	0.00201	5.33	0.00135	0.0104	0.000439	0.000225	0.000171	0.135	0.00000781	0.000163	0.000716	0.00155	0.000759
2116 Jul	0.000337	0.000885	0.134	0.00000912	2.76	3.66	0.0653	0.00228	5.42	0.00138	0.0107	0.000428	0.000241	0.000184	0.139	0.00000876	0.000179	0.000718	0.00161	0.000874
2116 Aug	0.00034	0.0009	0.135	0.0000093	2.89	3.77	0.0666	0.00244	5.53	0.00141	0.0109	0.00043	0.000249	0.000194	0.143	0.00000929	0.000192	0.000722	0.00163	0.000981
2116 Sep	0.000325	0.000884	0.13	0.00000916	2.87	3.69	0.0637	0.00245	5.41	0.00138	0.0108	0.000402	0.00024	0.000191	0.14	0.00000927	0.000195	0.000683	0.00158	0.00102
2116 Oct	0.000308	0.000874	0.125	0.00000904	2.83	3.6	0.0606	0.00249	5.32	0.00134	0.0107	0.000372	0.000229	0.000189	0.137	0.00000933	0.000193	0.000642	0.00153	0.001
2116 Nov	0.000322	0.000919	0.131	0.00000951	2.97	3.78	0.0633	0.00262	5.59	0.00141	0.0113	0.000387	0.000239	0.000198	0.144	0.00000981	0.000203	0.000671	0.0016	0.00104
2116 Dec	0.000351	0.001	0.142	0.0000103	3.24	4.11	0.0689	0.00286	6.08	0.00153	0.0123	0.000421	0.000261	0.000216	0.156	0.0000107	0.000221	0.00073	0.00174	0.00114
2117 Jan	0.000378	0.00108	0.154	0.0000112	3.5	4.44	0.0743	0.00309	6.56	0.00165	0.0133	0.000454	0.000281	0.000233	0.168	0.0000115	0.000238	0.000787	0.00188	0.00123
2117 Feb	0.000408	0.00116	0.166	0.000012	3.78	4.79	0.0802	0.00334	7.08	0.00178	0.0143	0.00049	0.000303	0.000252	0.182	0.0000125	0.000257	0.000849	0.00203	0.00132
2117 Mar	0.000431	0.00123	0.175	0.0000127	4	5.06	0.0848	0.00354	7.48	0.00188	0.0152	0.000517	0.000321	0.000267	0.192	0.0000132	0.000272	0.000897	0.00214	0.0014
2117 Apr	0.000449	0.00128	0.182	0.0000133	4.17	5.29	0.0885	0.00371	7.81	0.00196	0.0158	0.000539	0.000335	0.000279	0.201	0.0000139	0.000283	0.000935	0.00223	0.00146
2117 May	0.000411	0.00114	0.165	0.0000116	3.65	4.7	0.0804	0.0032	6.97	0.00174	0.0139	0.000502	0.000294	0.000244	0.178	0.000012	0.000243	0.000851	0.00197	0.00123
2117 Jun	0.000371	0.000946	0.144	0.00000928	2.82	3.87	0.0706	0.00229	5.81	0.00143	0.0111	0.000475	0.000235	0.000188	0.147	0.00000874	0.000176	0.000763	0.0016	0.000829
2117 Jul	0.000376	0.000966	0.146	0.00000952	3.03	4.05	0.0729	0.00257	6	0.00148	0.0115	0.000479	0.000247	0.000204	0.153	0.00000972	0.000192	0.000772	0.00164	0.000946
2117 Aug	0.000375	0.000971	0.145	0.00000961	3.15	4.14	0.0734	0.00273	6.06	0.00149	0.0116	0.000473	0.000253	0.000213	0.157	0.0000103	0.000206	0.000765	0.00164	0.00107
2117 Sep	0.000374	0.000976	0.145	0.00000968	3.24	4.2	0.0738	0.00287	6.12	0.0015	0.0118	0.000469	0.000256	0.000219	0.158	0.0000107	0.000211	0.000761	0.00165	0.0011
2117 Oct	0.000366	0.000967	0.143	0.00000959	3.24	4.16	0.0725	0.00292	6.08	0.00148	0.0117	0.000455	0.000252	0.00022	0.157	0.0000109	0.00021	0.000742	0.00163	0.00108

Appendix C.2-1: CP1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2117 Nov	0.000372	0.000987	0.145	0.00000979	3.3	4.24	0.0737	0.00298	6.2	0.00151	0.012	0.00046	0.000256	0.000224	0.16	0.0000111	0.000213	0.000753	0.00166	0.00109
2117 Dec	0.000391	0.00104	0.152	0.0000103	3.47	4.45	0.0774	0.00314	6.51	0.00158	0.0126	0.000484	0.000269	0.000235	0.168	0.0000117	0.000224	0.000791	0.00174	0.00115
2118 Jan	0.000422	0.00112	0.165	0.0000111	3.75	4.81	0.0836	0.00339	7.03	0.00171	0.0136	0.000522	0.00029	0.000254	0.181	0.0000126	0.000242	0.000854	0.00188	0.00124
2118 Feb	0.000455	0.00121	0.178	0.000012	4.05	5.19	0.0902	0.00367	7.59	0.00185	0.0147	0.000563	0.000313	0.000275	0.195	0.0000136	0.000261	0.000922	0.00203	0.00134
2118 Mar	0.000485	0.00129	0.189	0.0000128	4.32	5.54	0.0962	0.00392	8.1	0.00197	0.0157	0.0006	0.000334	0.000293	0.208	0.0000146	0.000279	0.000983	0.00216	0.00143
2118 Apr	0.000501	0.00132	0.195	0.0000131	4.43	5.69	0.0993	0.00401	8.33	0.00202	0.0161	0.000617	0.000342	0.000301	0.214	0.0000149	0.000285	0.00101	0.00221	0.00146
2118 May	0.000447	0.00112	0.171	0.0000107	3.51	4.74	0.0863	0.00298	7.01	0.00169	0.0131	0.000565	0.000278	0.000236	0.179	0.0000112	0.000218	0.000899	0.00183	0.00107
2118 Jun	0.000428	0.000998	0.161	0.00000931	2.76	4.08	0.0797	0.00203	6.19	0.0015	0.0112	0.00057	0.000238	0.000184	0.155	0.00000794	0.000159	0.000872	0.00164	0.000699
2118 Jul	0.000433	0.00102	0.163	0.00000955	2.98	4.26	0.0819	0.00229	6.35	0.00155	0.0115	0.000572	0.000252	0.000199	0.162	0.00000884	0.00018	0.000881	0.00168	0.000878
2118 Aug	0.000418	0.001	0.158	0.00000951	3	4.22	0.0796	0.00235	6.25	0.00154	0.0114	0.000547	0.00025	0.000201	0.16	0.00000901	0.000188	0.000846	0.00165	0.000973
2118 Sep	0.000388	0.000966	0.148	0.00000927	2.93	4.04	0.074	0.00236	5.99	0.00147	0.0111	0.000497	0.000236	0.000195	0.154	0.00000894	0.000189	0.000777	0.00157	0.00101
2118 Oct	0.000359	0.000922	0.138	0.00000888	2.84	3.84	0.0687	0.00235	5.7	0.00139	0.0107	0.00045	0.000222	0.000189	0.146	0.00000883	0.000185	0.000714	0.00148	0.000984
2118 Nov	0.000351	0.000912	0.136	0.00000879	2.81	3.78	0.0673	0.00235	5.63	0.00137	0.0106	0.000438	0.000217	0.000187	0.144	0.00000879	0.000183	0.000698	0.00145	0.00097
2118 Dec	0.000376	0.000977	0.145	0.00000941	3.01	4.05	0.072	0.00252	6.03	0.00147	0.0114	0.000469	0.000233	0.0002	0.154	0.00000942	0.000196	0.000747	0.00156	0.00104
2119 Jan	0.0004	0.00104	0.155	0.00001	3.2	4.31	0.0767	0.00269	6.42	0.00156	0.0121	0.000499	0.000248	0.000213	0.164	0.0000101	0.000208	0.000795	0.00166	0.0011
2119 Feb	0.000427	0.00111	0.165	0.0000107	3.42	4.6	0.0818	0.00288	6.85	0.00167	0.013	0.000532	0.000264	0.000228	0.175	0.0000108	0.000222	0.000847	0.00177	0.00118
2119 Mar	0.000448	0.00116	0.173	0.0000112	3.6	4.84	0.086	0.00304	7.2	0.00175	0.0136	0.000558	0.000278	0.00024	0.184	0.0000114	0.000234	0.00089	0.00185	0.00124
2119 Apr	0.000453	0.00116	0.174	0.0000111	3.58	4.84	0.0868	0.00301	7.2	0.00174	0.0135	0.000556	0.000275	0.000238	0.184	0.0000113	0.00023	0.000895	0.00183	0.00121
2119 May	0.000425	0.000976	0.157	0.00000868	2.7	4.03	0.0786	0.00197	6.09	0.00145	0.0106	0.000521	0.000214	0.000175	0.153	0.00000758	0.000159	0.000829	0.00146	0.000761
2119 Jun	0.000429	0.000973	0.158	0.00000867	2.67	4.02	0.0793	0.00192	6.08	0.00145	0.0106	0.000536	0.000217	0.000174	0.153	0.00000744	0.000156	0.000844	0.00148	0.000736
2119 Jul	0.000431	0.000986	0.158	0.00000889	2.9	4.2	0.0812	0.00222	6.22	0.00149	0.0109	0.000535	0.000233	0.00019	0.159	0.00000844	0.000177	0.00085	0.00152	0.000925
2119 Aug	0.000426	0.000988	0.157	0.000009	2.96	4.23	0.0806	0.00231	6.24	0.0015	0.011	0.000524	0.000235	0.000195	0.161	0.00000873	0.000186	0.000835	0.00152	0.00102
2119 Sep	0.000408	0.000969	0.151	0.00000891	2.97	4.15	0.0777	0.00238	6.12	0.00147	0.0109	0.000495	0.00023	0.000195	0.158	0.00000893	0.000189	0.000796	0.00148	0.00105
2119 Oct	0.000394	0.000959	0.147	0.00000884	2.99	4.11	0.0755	0.00248	6.05	0.00145	0.0109	0.000472	0.000226	0.000197	0.156	0.00000924	0.000192	0.000765	0.00146	0.00107
2119 Nov	0.000409	0.001	0.153	0.00000927	3.14	4.29	0.0784	0.00264	6.33	0.00151	0.0115	0.000486	0.000235	0.000208	0.163	0.0000098	0.000201	0.000792	0.00152	0.00111
2119 Dec	0.000442	0.00108	0.165	0.00001	3.41	4.65	0.0848	0.00287	6.85	0.00163	0.0124	0.000526	0.000254	0.000225	0.176	0.0000106	0.000217	0.000856	0.00165	0.0012

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	36.8	0.0255	0.00525	0.00095	7.05	0.015	2.56	0.000406	0.000406	0.00000295	0.00326	0.000894	0.00622	0.0122	0.00000296	10.6	0.0000113	0.000178
Operation (2024-2031): Mean	199	0.369	1.19	0.0355	89.7	0.0631	26	0.000815	0.000815	0.00000497	0.00635	0.00179	0.043	0.0182	0.00000544	17.8	0.0000203	0.000551
Operation (2024-2031): Max	560	1.08	3.88	0.114	275	0.131	77.1	0.00119	0.00119	0.00000607	0.00868	0.00365	0.121	0.0316	0.00000777	27	0.0000353	0.00139
Active Closure (2032-2038): Min	35.3	0.0196	0.00491	0.000888	7	0.0209	2.52	0.000888	0.000888	0.00000444	0.00366	0.000478	0.00563	0.0119	0.00000444	10.3	0.00000795	0.000123
Active Closure (2032-2038): Mean	52.6	0.0825	0.0133	0.00109	12.9	0.0367	4.97	0.000994	0.000994	0.00000497	0.00745	0.00112	0.0109	0.019	0.00000498	16.7	0.0000154	0.000227
Active Closure (2032-2038): Max	85.1	0.11	0.0908	0.00222	21.1	0.0441	8.87	0.00115	0.00115	0.00000575	0.00847	0.00173	0.0164	0.0325	0.00000575	26.6	0.0000208	0.000393
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Water quality guideline for the protection of terrestrial life	***3000***	***-***	***-***	***10***	***-***	***2***	***1000***	***-***	***-***	***-***	***5***	***0.025***	***5***	***-***	***0.1***	***1000***	***0.08***	***1***
Post Closure (2039-2119): Min	33.6	0.0183	0.00647	0.000537	8.08	0.0261	3.8	0.001	0.000533	0.00000377	0.00368	0.000481	0.00563	0.0113	0.00000502	9.77	0.00000797	0.000121
Post Closure (2039-2119): Mean	289	0.193	0.243	0.0048	23.2	0.0944	131	0.00405	0.000703	0.00000492	0.0079	0.00954	0.126	0.0279	0.00000797	51.7	0.0000326	0.00117
Post Closure (2039-2119): Max	438	0.914	1.34	0.0237	87.9	0.164	206	0.00587	0.00108	0.00000622	0.0121	0.0141	0.243	0.0449	0.0000118	73.6	0.0000583	0.00203
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Water quality guideline for the protection of terrestrial life	***3000***	***-***	***-***	***10***	***-***	***2***	***1000***	***-***	***-***	***-***	***5***	***0.025***	***5***	***-***	***0.1***	***1000***	***0.08***	***1***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded. Light grey: exceeding WQG for aquatic life; Bold: exceeding WQG for terrestrial life; Darkgrey and bold: exceeding both.																		
Model Predictions (2024-2119)																		
2024 Jan	318	0.601	2.23	0.0659	154	0.0758	43.6	0.000406	0.000406	0.00000372	0.00326	0.00211	0.0676	0.0151	0.00000456	16.5	0.0000208	0.000801
2024 Feb	318	0.601	2.23	0.0659	154	0.0758	43.6	0.000406	0.000406	0.00000372	0.00326	0.00211	0.0676	0.0151	0.00000456	16.5	0.0000208	0.000801
2024 Mar	318	0.601	2.24	0.066	155	0.0759	43.6	0.000406	0.000406	0.00000372	0.00326	0.00212	0.0677	0.0152	0.00000456	16.5	0.0000208	0.000802
2024 Apr	318	0.602	2.24	0.0661	155	0.076	43.7	0.000407	0.000407	0.00000373	0.00327	0.00212	0.0678	0.0152	0.00000457	16.6	0.0000208	0.000803
2024 May	324	0.614	2.29	0.0674	158	0.0775	44.5	0.000416	0.000416	0.00000381	0.00333	0.00216	0.069	0.0156	0.00000465	17	0.0000213	0.000819
2024 Jun	358	0.679	2.57	0.076	174	0.0856	49.4	0.000441	0.000441	0.00000414	0.00349	0.00238	0.0758	0.0172	0.000005	18.8	0.0000234	0.000911
2024 Jul	375	0.71	2.69	0.0795	182	0.0895	51.7	0.000464	0.000464	0.00000435	0.00367	0.00249	0.0793	0.018	0.00000525	19.6	0.0000245	0.000953
2024 Aug	384	0.726	2.75	0.0813	186	0.0918	52.9	0.000481	0.000481	0.00000447	0.00379	0.00255	0.0812	0.0185	0.0000054	20.2	0.0000251	0.000976
2024 Sep	381	0.723	2.72	0.0804	185	0.0914	52.5	0.000483	0.000483	0.00000446	0.00382	0.00254	0.0808	0.0184	0.00000539	20.1	0.0000249	0.000968
2024 Oct	385	0.731	2.74	0.0807	187	0.092	52.9	0.000486	0.000486	0.00000448	0.00387	0.00256	0.0816	0.0186	0.00000543	20.2	0.0000251	0.000975
2024 Nov	384	0.731	2.73	0.0806	187	0.0921	52.9	0.000488	0.000488	0.00000449	0.00388	0.00256	0.0816	0.0186	0.00000543	20.2	0.0000251	0.000974
2024 Dec	385	0.731	2.74	0.0807	187	0.0921	52.9	0.000488	0.000488	0.00000449	0.00388	0.00257	0.0816	0.0186	0.00000544	20.3	0.0000251	0.000975
2025 Jan	385	0.731	2.74	0.0807	187	0.0921	52.9	0.000488	0.000488	0.00000449	0.00388	0.00257	0.0816	0.0186	0.00000544	20.3	0.0000251	0.000975
2025 Feb	385	0.731	2.74	0.0807	187	0.0921	52.9	0.000488	0.000488	0.0000045	0.00388	0.00257	0.0816	0.0186	0.00000544	20.3	0.0000251	0.000975
2025 Mar	385	0.731	2.74	0.0807	187	0.0921	52.9	0.000488	0.000488	0.0000045	0.00389	0.00257	0.0816	0.0186	0.00000544	20.3	0.0000251	0.000975
2025 Apr	385	0.732	2.74	0.0808	187	0.0922	53	0.000489	0.000489	0.0000045	0.00389	0.00257	0.0817	0.0186	0.00000544	20.3	0.0000252	0.000976
2025 May	391	0.743	2.78	0.082	190	0.0936	53.7	0.000496	0.000496	0.00000457	0.00395	0.00261	0.0829	0.0189	0.00000552	20.6	0.0000255	0.00099
2025 Jun	421	0.795	2.98	0.0879	205	0.0999	57.8	0.000512	0.000512	0.00000482	0.00412	0.00278	0.0894	0.0196	0.00000592	21.5	0.0000272	0.00106
2025 Jul	456	0.853	3.19	0.0944	223	0.107	62.6	0.00053	0.00053	0.0000051	0.00432	0.00297	0.0971	0.0204	0.00000641	22.6	0.0000291	0.00114
2025 Aug	473	0.885	3.31	0.0978	232	0.111	65	0.000554	0.000554	0.00000531	0.0045	0.00309	0.101	0.0212	0.00000667	23.5	0.0000302	0.00118
2025 Sep	480	0.904	3.34	0.0984	235	0.113	65.8	0.000558	0.000558	0.00000534	0.00457	0.00313	0.103	0.0215	0.00000674	23.7	0.0000305	0.00119
2025 Oct	476	0.908	3.3	0.0967	233	0.112	65.4	0.000551	0.000551	0.00000526	0.00458	0.00311	0.102	0.0213	0.00000667	23.5	0.0000303	0.00118
2025 Nov	469	0.895	3.25	0.0953	230	0.11	64.4	0.000547	0.000547	0.0000052	0.00455	0.00307	0.101	0.021	0.00000659	23.2	0.0000299	0.00117
2025 Dec	470	0.896	3.25	0.0953	230	0.11	64.5	0.000547	0.000547	0.0000052	0.00455	0.00307	0.101	0.0211	0.00000659	23.2	0.0000299	0.00117
2026 Jan	470	0.896	3.25	0.0953	230	0.11	64.5	0.000547	0.000547	0.0000052	0.00455	0.00307	0.101	0.0211	0.00000659	23.2	0.0000299	0.00117
2026 Feb	470	0.896	3.25	0.0953	230	0.11	64.5	0.000547	0.000547	0.0000052	0.00455	0.00307	0.101	0.0211	0.00000659	23.2	0.0000299	0.00117
2026 Mar	470	0.896	3.25	0.0954	230	0.11	64.5	0.000547	0.000547	0.0000052	0.00455	0.00308	0.101	0.0211	0.0000066	23.2	0.0000299	0.00117
2026 Apr	471	0.899	3.26	0.0957	231	0.111	64.7	0.000549	0.000549	0.00000522	0.00457	0.00308	0.101	0.0211	0.00000662	23.3	0.00003	0.00117
2026 May	477	0.909	3.3	0.0968	233	0.112	65.5	0.000555	0.000555	0.00000528	0.00462	0.00312	0.102	0.0214	0.00000669	23.6	0.0000304	0.00118
2026 Jun	526	1.02	3.66	0.107	257	0.122	72.4	0.000572	0.000572	0.00000562	0.00485	0.00341	0.114	0.0227	0.00000718	25.2	0.0000332	0.0013
2026 Jul	554	1.07	3.84	0.112	271	0.129	76.2	0.000599	0.000599	0.0000059	0.00509	0.00359	0.12	0.0237	0.00000758	26.4	0.0000348	0.00137
2026 Aug	560	1.08	3.88	0.114	275	0.131	77.1	0.000627	0.000627	0.00000607	0.00526	0.00365	0.121	0.0243	0.00000777	27	0.0000353	0.00139
2026 Sep	496	0.959	3.39	0.0992	241	0.121	68	0.000697	0.000697	0.00000605	0.00583	0.00335	0.108	0.0237	0.00000753	25.9	0.0000329	0.00124
2026 Oct	301	0.587	1.91	0.0563	141	0.0869	40.5	0.000811	0.000811	0.0000055	0.00684	0.00235	0.0655	0.0206	0.00000633	21.2	0.0000248	0.000781
2026 Nov	302	0.59	1.92	0.0565	142	0.0875	40.6	0.00082	0.00082	0.00000554	0.00691	0.00236	0.0657	0.0207	0.00000638	21.4	0.000025	0.000785
2026 Dec	303	0.591	1.92	0.0565	142	0.0876	40.7	0.00082	0.00082	0.00000555	0.00692	0.00237	0.0658	0.0208	0.00000639	21.4	0.000025	0.000786
2027 Jan	303	0.591	1.92	0.0566	142	0.0876	40.7	0.000821	0.000821	0.00000555	0.00692	0.00237	0.0658	0.0208	0.00000639	21.4	0.000025	0.000786
2027 Feb	303	0.591	1.92	0.0566	142	0.0876	40.7	0.000821	0.000821	0.00000555	0.00692	0.00237	0.0658	0.0208	0.00000639	21.4	0.000025	0.000786
2027 Mar	303	0.592	1.92	0.0566	142	0.0877	40.7	0.000822	0.000822	0.00000556	0.00693	0.00237	0.0659	0.0208	0.0000064	21.5	0.0000251	0.000787
2027 Apr	307	0.599	1.95	0.0574	144	0.0889	41.3	0.000833	0.000833	0.00000563	0.00702	0.0024	0.0668	0.0211	0.00000648	21.7	0.0000254	0.000797
2027 May	314	0.61	1.98	0.0583	147	0.0907	42.1	0.000871	0.000871	0.00000585	0.0073	0.00249	0.068	0.0225	0.00000671	22.9	0.0000263	0.000821
2027 Jun	124	0.198	0.612	0.0185	50	0.0408	14.6	0.000919	0.000919	0.00000505	0.00703	0.0014	0.0272	0.0165	0.00000531	15.2	0.0000226	0.000401
2027 Jul	72.7	0.0915	0.251	0.00791	24.7	0.0266	7.44	0.000844	0.000844	0.0000044	0.00621	0.00109	0.0155	0.0154	0.00000451	13.4	0.0000191	0.000281
2027 Aug	45.7	0.0399	0.0347	0.00131	11.5	0.015	3.85	0.000587	0.000587	0.00000295	0.00396	0.000914	0.00622	0.0186	0.00000296	15.3	0.0000113	0.000218
2027 Sep	47.6	0.066	0.0212	0.00117	12	0.0287	4.33	0.000779	0.000779	0.0000039	0.00574	0.001	0.00892	0.0178	0.00000391	15.4	0.0000119	0.00021
2027 Oct	48.6	0.0869	0.0134	0.00108	12.3	0.036	4.65	0.000872	0.000872	0.00000437	0.00696	0.00104	0.0101	0.0173	0.00000437	15.5	0.0000132	0.000203
2027 Nov	49	0.0906	0.0122	0.00107	12.4	0.0373	4.72	0.000891	0.000891	0.00000446	0.00718	0.00105	0.0103	0.0173	0.00000446	15.5	0.0000135	0.000202
2027 Dec	49	0.0908	0.0121	0.00106	12.4	0.0373	4.73	0.000892	0.000892	0.00000446	0.00719	0.00105	0.0103	0.0173	0.00000446	15.5	0.0000135	0.000202
2028 Jan	49	0.0908	0.0121	0.00106	12.4	0.0373	4.73	0.000892	0.000892	0.00000446	0.00719	0.00105	0.0103	0.0173	0.00000446	15.5	0.0000135	0.000202
2028 Feb	49	0.0908	0.0121	0.00106	12.4	0.0373	4.73	0.000892	0.000892	0.00000446	0.00719	0.00105	0.0103	0.0173	0.00000447	15.5	0.0000135	0.000202
2028 Mar	49	0.0908	0.0121	0.00106	12.4	0.0374	4.73	0.000892	0.000892	0.00000446	0.0072	0.00105	0.0103	0.0173	0.00000447	15.5	0.0000135	0.000202
2028 Apr	49.4	0.0915	0.0122	0.00107	12.5	0.0376	4.76	0.000898	0.000898	0.0000045	0.00725	0.00106	0.0104	0.0174	0.0000045	15.6	0.0000136	0.000204
2028 May	50.8	0.0941	0.0125	0.0011	12.9	0.0387	4.9	0.000924	0.000924	0.00000462	0.00745	0.00109	0.0107	0.0179	0.00000463	16.1	0.000014	0.00021
2028 Jun	41.1	0.0439	0.0091	0.00102	8.58	0.0271	3.13	0.000946	0.000946	0.00000473	0.00728	0.000937	0.0101	0.0137	0.00000474	12.1	0.0000185	0.0002

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Jul	39.5	0.0279	0.00822	0.00104	7.53	0.0252	2.7	0.001	0.001	0.00000502	0.00747	0.000941	0.0102	0.013	0.00000502	11.3	0.0000203	0.000201
2028 Aug	47.2	0.0341	0.00935	0.00123	9.33	0.0326	3.36	0.00119	0.00119	0.00000595	0.00854	0.00114	0.0123	0.0157	0.00000595	13.7	0.0000217	0.000233
2028 Sep	49.8	0.0576	0.00831	0.0012	10.8	0.0378	4	0.00117	0.00117	0.00000585	0.00868	0.00117	0.0126	0.0166	0.00000585	14.9	0.0000197	0.000231
2028 Oct	48.6	0.0945	0.00557	0.001	11.9	0.0413	4.65	0.000997	0.000997	0.00000499	0.00817	0.00108	0.0114	0.0163	0.00000499	15	0.0000155	0.000199
2028 Nov	49.2	0.0981	0.0055	0.00101	12.1	0.0422	4.75	0.001	0.001	0.00000501	0.00827	0.00109	0.0115	0.0165	0.00000501	15.2	0.0000155	0.0002
2028 Dec	49.3	0.0982	0.00551	0.00101	12.2	0.0422	4.76	0.001	0.001	0.00000502	0.00828	0.00109	0.0115	0.0166	0.00000502	15.2	0.0000155	0.0002
2029 Jan	49.3	0.0982	0.00551	0.00101	12.2	0.0422	4.76	0.001	0.001	0.00000502	0.00828	0.00109	0.0115	0.0166	0.00000502	15.2	0.0000155	0.0002
2029 Feb	49.3	0.0982	0.00551	0.00101	12.2	0.0422	4.76	0.001	0.001	0.00000502	0.00828	0.00109	0.0115	0.0166	0.00000502	15.2	0.0000155	0.0002
2029 Mar	49.3	0.0982	0.00551	0.00101	12.2	0.0422	4.76	0.001	0.001	0.00000502	0.00828	0.00109	0.0115	0.0166	0.00000502	15.2	0.0000155	0.0002
2029 Apr	49.4	0.0984	0.00552	0.00101	12.2	0.0423	4.77	0.00101	0.00101	0.00000503	0.0083	0.00109	0.0115	0.0166	0.00000503	15.2	0.0000155	0.000201
2029 May	50.3	0.1	0.00563	0.00103	12.4	0.043	4.85	0.00102	0.00102	0.00000511	0.00844	0.00111	0.0117	0.0169	0.00000511	15.5	0.0000158	0.000204
2029 Jun	48.5	0.0744	0.00679	0.00104	11.1	0.0362	4.2	0.00103	0.00103	0.00000517	0.00823	0.00109	0.0113	0.0165	0.00000517	14.8	0.0000182	0.000216
2029 Jul	36.8	0.0266	0.00634	0.00095	7.05	0.0249	2.56	0.000949	0.000949	0.00000474	0.00697	0.000894	0.00953	0.0122	0.00000474	10.6	0.0000184	0.000183
2029 Aug	40.6	0.031	0.00644	0.00102	8.61	0.0332	3.14	0.00102	0.00102	0.00000511	0.00674	0.00102	0.0108	0.0139	0.00000511	12.2	0.0000142	0.000187
2029 Sep	45.4	0.0539	0.00631	0.00106	10.4	0.0389	3.87	0.00106	0.00106	0.00000528	0.00729	0.00109	0.0118	0.0154	0.00000528	13.9	0.0000137	0.0002
2029 Oct	47.4	0.0773	0.00575	0.00103	11.4	0.0412	4.36	0.00103	0.00103	0.00000514	0.00774	0.00109	0.0117	0.016	0.00000514	14.6	0.0000141	0.000199
2029 Nov	47.5	0.0866	0.00538	0.000995	11.6	0.0414	4.5	0.000995	0.000995	0.00000498	0.0078	0.00107	0.0114	0.016	0.00000498	14.7	0.0000141	0.000194
2029 Dec	47.5	0.0867	0.00538	0.000996	11.6	0.0414	4.51	0.000996	0.000996	0.00000498	0.00781	0.00107	0.0114	0.016	0.00000498	14.7	0.0000141	0.000195
2030 Jan	47.5	0.0867	0.00538	0.000996	11.6	0.0414	4.51	0.000996	0.000996	0.00000498	0.00781	0.00107	0.0114	0.016	0.00000498	14.7	0.0000141	0.000195
2030 Feb	47.5	0.0867	0.00538	0.000996	11.6	0.0414	4.51	0.000996	0.000996	0.00000498	0.00781	0.00107	0.0114	0.0161	0.00000498	14.7	0.0000141	0.000195
2030 Mar	47.6	0.0868	0.00539	0.000998	11.7	0.0415	4.52	0.000998	0.000998	0.00000499	0.00782	0.00107	0.0114	0.0161	0.00000499	14.7	0.0000141	0.000195
2030 Apr	47.7	0.0871	0.00541	0.001	11.7	0.0416	4.53	0.001	0.001	0.000005	0.00784	0.00108	0.0115	0.0161	0.000005	14.8	0.0000142	0.000196
2030 May	49.2	0.0898	0.00558	0.00103	12.1	0.0429	4.67	0.00103	0.00103	0.00000516	0.00809	0.00111	0.0118	0.0166	0.00000516	15.2	0.0000146	0.000202
2030 Jun	41	0.0438	0.0063	0.001	8.42	0.0295	3.11	0.001	0.001	0.000005	0.00762	0.000959	0.0106	0.0134	0.000005	12	0.0000188	0.000198
2030 Jul	37.5	0.0258	0.00631	0.000989	7.23	0.0269	2.65	0.000989	0.000989	0.00000494	0.00708	0.000932	0.00986	0.0125	0.00000494	10.8	0.0000181	0.000183
2030 Aug	40.7	0.0255	0.00651	0.00109	8.43	0.0348	3.15	0.00109	0.00109	0.00000544	0.00695	0.00108	0.0105	0.0143	0.00000544	12.2	0.0000146	0.000178
2030 Sep	45.5	0.0355	0.00697	0.00117	9.77	0.0396	3.65	0.00117	0.00117	0.00000587	0.00758	0.00119	0.0118	0.0159	0.00000587	13.8	0.0000151	0.000198
2030 Oct	46.9	0.0633	0.00615	0.00109	10.8	0.041	4.15	0.00109	0.00109	0.00000547	0.00781	0.00114	0.0116	0.0162	0.00000547	14.4	0.0000149	0.000196
2030 Nov	47.3	0.0744	0.00579	0.00106	11.2	0.0414	4.33	0.00106	0.00106	0.00000529	0.00788	0.00112	0.0115	0.0162	0.00000529	14.6	0.0000147	0.000195
2030 Dec	47.4	0.0744	0.0058	0.00106	11.2	0.0415	4.34	0.00106	0.00106	0.00000529	0.00789	0.00112	0.0115	0.0162	0.00000529	14.6	0.0000147	0.000195
2031 Jan	47.4	0.0744	0.0058	0.00106	11.2	0.0415	4.34	0.00106	0.00106	0.00000529	0.00789	0.00112	0.0115	0.0162	0.00000529	14.6	0.0000147	0.000195
2031 Feb	47.4	0.0744	0.0058	0.00106	11.2	0.0415	4.34	0.00106	0.00106	0.00000529	0.00789	0.00112	0.0115	0.0162	0.00000529	14.6	0.0000147	0.000195
2031 Mar	47.4	0.0745	0.0058	0.00106	11.2	0.0415	4.34	0.00106	0.00106	0.00000529	0.00789	0.00112	0.0115	0.0162	0.00000529	14.6	0.0000147	0.000195
2031 Apr	47.9	0.0752	0.00586	0.00107	11.3	0.0419	4.39	0.00107	0.00107	0.00000535	0.00797	0.00113	0.0116	0.0164	0.00000535	14.7	0.0000149	0.000197
2031 May	55.1	0.0769	0.0083	0.0011	13	0.0404	4.91	0.0011	0.0011	0.00000548	0.00806	0.00126	0.0116	0.0203	0.00000548	17.7	0.0000162	0.000237
2031 Jun	70.5	0.064	0.0157	0.00101	16.3	0.0263	5.74	0.00101	0.00101	0.00000506	0.00712	0.0015	0.0095	0.0304	0.00000506	25	0.0000194	0.000343
2031 Jul	73.9	0.0647	0.0163	0.00112	17	0.0295	5.99	0.00112	0.00112	0.00000558	0.00774	0.0016	0.0104	0.0316	0.00000558	26	0.0000208	0.000357
2031 Aug	63.1	0.0525	0.0124	0.00114	14.7	0.0372	5.27	0.00114	0.00114	0.0000057	0.00713	0.00147	0.0112	0.0259	0.0000057	21.6	0.0000149	0.000287
2031 Sep	52.7	0.0748	0.00768	0.00102	12.9	0.041	4.81	0.00102	0.00102	0.00000512	0.00721	0.0012	0.0116	0.0193	0.00000512	17.2	0.0000124	0.000225
2031 Oct	49.2	0.101	0.00527	0.000961	12.4	0.0423	4.86	0.000961	0.000961	0.00000481	0.0079	0.00108	0.0111	0.0168	0.00000481	15.4	0.0000139	0.000196
2031 Nov	49.4	0.102	0.00525	0.000967	12.5	0.0427	4.9	0.000967	0.000967	0.00000483	0.00797	0.00108	0.0112	0.0169	0.00000483	15.5	0.000014	0.000197
2031 Dec	49.5	0.102	0.00525	0.000967	12.5	0.0427	4.9	0.000967	0.000967	0.00000484	0.00798	0.00108	0.0112	0.0169	0.00000484	15.5	0.000014	0.000197
2032 Jan	49.5	0.102	0.00525	0.000967	12.5	0.0427	4.9	0.000967	0.000967	0.00000484	0.00798	0.00108	0.0112	0.0169	0.00000484	15.5	0.000014	0.000197
2032 Feb	49.5	0.102	0.00525	0.000967	12.5	0.0427	4.9	0.000967	0.000967	0.00000484	0.00798	0.00108	0.0112	0.0169	0.00000484	15.5	0.000014	0.000197
2032 Mar	49.5	0.102	0.00526	0.000968	12.5	0.0427	4.9	0.000968	0.000968	0.00000484	0.00798	0.00108	0.0112	0.0169	0.00000484	15.5	0.000014	0.000197
2032 Apr	49.8	0.103	0.00529	0.000974	12.6	0.043	4.93	0.000974	0.000974	0.00000487	0.00803	0.00109	0.0113	0.017	0.00000487	15.6	0.0000141	0.000198
2032 May	51.6	0.105	0.00559	0.001	13	0.044	5.09	0.001	0.001	0.00000501	0.00824	0.00113	0.0116	0.0177	0.00000501	16.2	0.0000146	0.000206
2032 Jun	44.1	0.0459	0.00758	0.000961	9.27	0.0271	3.38	0.000961	0.000961	0.0000048	0.00735	0.000999	0.00999	0.0155	0.0000048	13.5	0.0000189	0.000215
2032 Jul	36.2	0.0259	0.00651	0.000888	7	0.0225	2.52	0.000888	0.000888	0.00000444	0.00656	0.00086	0.00893	0.0123	0.00000444	10.7	0.0000177	0.000183
2032 Aug	37.6	0.0275	0.00659	0.00092	7.47	0.025	2.69	0.00092	0.00092	0.0000046	0.0066	0.000901	0.0094	0.0128	0.0000046	11.2	0.0000169	0.000186
2032 Sep	40.8	0.0374	0.00671	0.000971	8.5	0.0289	3.1	0.000971	0.000971	0.00000486	0.00702	0.000968	0.0102	0.0139	0.00000486	12.2	0.0000169	0.000196
2032 Oct	43.8	0.0537	0.0065	0.000998	9.61	0.0328	3.59	0.000998	0.000998	0.00000499	0.00748	0.00102	0.0107	0.0149	0.00000499	13.3	0.0000169	0.000201
2032 Nov	44.7	0.0599	0.00636	0.001	9.98	0.0341	3.75	0.001	0.001	0.000005	0.0076	0.00103	0.0108	0.0152	0.000005	13.6	0.0000167	0.000201
2032 Dec	45	0.0656	0.00613	0.00099	10.2	0.0351	3.88	0.00099	0.00099	0.00000495	0.00763	0.00103	0.0108	0.0152	0.00000495	13.7	0.0000163	0.000199
2033 Jan	45	0.0656	0.00613	0.00099	10.2	0.0351	3.88	0.00099	0.00099	0.00000495	0.00763	0.00103	0.0108	0.0152	0.00000495	13.7	0.0000163	0.000199
2033 Feb	45	0.0656	0.00613	0.000991	10.2	0.0351	3.88	0.000991	0.000991	0.00000495	0.00763	0.00103	0.0108	0.0153	0.00000495	13.7	0.0000163	0.000199
2033 Mar	45.1	0.0658	0.00615	0.000994	10.3	0.0352	3.9	0.000994	0.000994	0.00000497	0.00766	0.00103	0.0109	0.0153	0.00000497	13.8	0.0000164	0.0002
2033 Apr	45.8	0.0668	0.00625	0.00101	10.4	0.0357	3.96	0.00101	0.00101	0.00000504	0.00777	0.00105	0.011	0.0155	0.00000504	14	0.0000166	0.000203
2033 May	63.5	0.0688	0.0127	0.00102	14.7	0.0304	5.29	0.00102	0.00102	0.00000512	0.00749	0.00137	0.0102	0.0259	0.00000512	21.7	0.0000187	0.000301
2033 Jun	69.7	0.0559	0.0166	0.00093	16.1	0.0209	5.54	0.00093	0.00093	0.00000465	0.00647	0.00146	0.00844	0.0308	0.00000465	25.1	0.0000192	0.000348
2033 Jul	70.1	0.0548	0.0165	0.000978	16	0.0224	5.54	0.000978	0.000978	0.00000489	0.00676	0.00148	0.00888	0.0308	0.00000489	25	0.0000198	0.000349
2033 Aug	74.8	0.0585	0.0172	0.00108	17.1	0.0266	5.95	0.00108	0.00108	0.00000542	0.00735	0.0016	0.01	0.0325	0.00000542	26.6	0.0000205	0.000368
2033 Sep	57.6	0.0808	0.00943	0.00101	13.9	0.0373	5.15	0.00101	0.00101	0.00000505	0.00748	0.00126	0.0111	0.022	0.00000505	19.2	0.0000151	0.000256
2033 Oct	49.2	0.0986	0.00562	0.000938	12.4	0.0405	4.81	0.000938	0.000938	0.00000469	0.00774	0.00107	0.0108	0.0171	0.00000469	15.6	0.0000141	0.000199
2033 Nov	49.3	0.1	0.00552	0.000944	12.4	0.041	4.85	0.000944	0.000944	0.00000472	0.00782	0.00107	0.0109	0.0171	0.00000472	15.6	0.0000142	0.000199
2033 Dec	49.4	0.1	0.00553	0.000945	12.4	0.041	4.85	0.000945	0.000945	0.00000472	0.00783	0.00107	0.0109	0.0171	0.00000472	15.6	0.0000142	0.000199
2034 Jan	49.4	0.1	0.00553	0.000945	12.4	0.041	4.85	0.000945	0.000945	0.00000472	0.00783	0.00107	0.0109	0.0171	0.00000472	15.6	0.0000142	0.000199
2034 Feb	49.4	0.1	0.00553	0.000945	12.4	0.041	4.85	0.000945	0.000945	0.00000472	0.00783	0.00107	0.0109	0.0171	0.00000472	15.6	0.0000142	0.000199
2034 Mar	49.4	0.1	0.00553	0.000945	12.4	0.0411	4.85	0.000945	0.000945	0.00000473	0.00783	0.00107	0.0109	0.0171	0.00000473	15.6	0.0000142	0.000199
2034 Apr	49.8	0.101	0.00557	0.000953	12.5	0.0414	4.89	0.000953	0.000953	0.00000476	0.0079	0.00108	0.011	0.0172	0.00000476	15.7	0.0000143	0.000201
2034 May	54.8	0.101	0.0073	0.000982	13.7	0.0405	5.24	0.000982	0.000982	0.00000491	0.00799	0.00118	0.011	0.02	0.00000491	17.8	0.0000153	0.000229

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Jun	65.2	0.0748	0.0133	0.000958	15.4	0.0286	5.53	0.000958	0.000958	0.00000479	0.00712	0.00137	0.00949	0.0273	0.00000479	22.8	0.000018	0.000308
2034 Jul	63.6	0.0697	0.0129	0.000985	14.9	0.0292	5.34	0.000985	0.000985	0.00000492	0.00722	0.00136	0.00968	0.0263	0.00000492	22	0.0000181	0.0003
2034 Aug	70.6	0.0768	0.014	0.00113	16.6	0.0351	5.95	0.00113	0.00113	0.00000566	0.0081	0.00153	0.0114	0.0289	0.00000566	24.3	0.0000193	0.000331
2034 Sep	57.7	0.0949	0.00841	0.00104	14.2	0.0407	5.34	0.00104	0.00104	0.0000052	0.00813	0.00126	0.0115	0.0214	0.0000052	18.9	0.000016	0.000248
2034 Oct	49.8	0.105	0.0053	0.000961	12.6	0.0423	4.94	0.000961	0.000961	0.0000048	0.00806	0.00108	0.0111	0.0171	0.0000048	15.6	0.0000145	0.000198
2034 Nov	50.2	0.106	0.00531	0.000969	12.7	0.0427	4.98	0.000969	0.000969	0.00000484	0.00813	0.00109	0.0112	0.0172	0.00000484	15.7	0.0000146	0.0002
2034 Dec	50.2	0.106	0.00531	0.00097	12.7	0.0428	4.99	0.00097	0.00097	0.00000485	0.00814	0.00109	0.0112	0.0172	0.00000485	15.8	0.0000146	0.0002
2035 Jan	50.2	0.106	0.00531	0.00097	12.7	0.0428	4.99	0.00097	0.00097	0.00000485	0.00814	0.00109	0.0112	0.0172	0.00000485	15.8	0.0000146	0.0002
2035 Feb	50.2	0.106	0.00531	0.00097	12.7	0.0428	4.99	0.00097	0.00097	0.00000485	0.00814	0.00109	0.0112	0.0172	0.00000485	15.8	0.0000146	0.0002
2035 Mar	50.2	0.106	0.00532	0.000971	12.7	0.0428	4.99	0.000971	0.000971	0.00000485	0.00815	0.00109	0.0112	0.0172	0.00000485	15.8	0.0000146	0.0002
2035 Apr	50.7	0.107	0.00536	0.000979	12.8	0.0432	5.03	0.000979	0.000979	0.0000049	0.00822	0.0011	0.0113	0.0173	0.0000049	15.9	0.0000148	0.000202
2035 May	54.8	0.109	0.00648	0.00102	13.8	0.0437	5.35	0.00102	0.00102	0.0000051	0.00847	0.00118	0.0116	0.0193	0.0000051	17.5	0.0000157	0.000223
2035 Jun	54.9	0.0519	0.0131	0.000966	12.2	0.0242	4.34	0.000937	0.000937	0.00000468	0.00695	0.00118	0.00934	0.0219	0.00000469	18.3	0.000019	0.00027
2035 Jul	52.5	0.0455	0.0128	0.00101	11.3	0.0246	4.04	0.000971	0.000971	0.00000485	0.00713	0.00116	0.00966	0.0204	0.00000486	17.1	0.0000196	0.00026
2035 Aug	50.9	0.0462	0.0104	0.00105	11.6	0.0339	4.15	0.00103	0.00103	0.00000514	0.00677	0.00117	0.0114	0.0189	0.00000514	16.5	0.0000141	0.00024
2035 Sep	48.3	0.0858	0.00591	0.000976	12	0.0416	4.6	0.000973	0.000973	0.00000487	0.00742	0.00108	0.0116	0.0165	0.00000487	15.2	0.0000125	0.0002
2035 Oct	49.2	0.104	0.0051	0.000971	12.5	0.0432	4.89	0.000971	0.000971	0.00000485	0.00805	0.00108	0.0114	0.0166	0.00000485	15.4	0.0000141	0.000195
2035 Nov	48.3	0.103	0.00491	0.00095	12.3	0.0424	4.82	0.00095	0.00095	0.00000475	0.00794	0.00105	0.0111	0.0163	0.00000475	15.1	0.0000139	0.000191
2035 Dec	48.3	0.103	0.00492	0.000951	12.3	0.0424	4.82	0.000951	0.000951	0.00000475	0.00795	0.00105	0.0111	0.0163	0.00000475	15.1	0.0000139	0.000191
2036 Jan	48.3	0.103	0.00492	0.000951	12.3	0.0424	4.82	0.000951	0.000951	0.00000475	0.00795	0.00105	0.0111	0.0163	0.00000475	15.1	0.0000139	0.000191
2036 Feb	48.3	0.103	0.00492	0.000951	12.3	0.0424	4.82	0.000951	0.000951	0.00000475	0.00795	0.00105	0.0111	0.0163	0.00000475	15.1	0.0000139	0.000191
2036 Mar	48.4	0.103	0.00492	0.000951	12.3	0.0424	4.83	0.000951	0.000951	0.00000475	0.00795	0.00106	0.0111	0.0163	0.00000475	15.1	0.0000139	0.000191
2036 Apr	49.4	0.105	0.00517	0.000962	12.5	0.0428	4.92	0.000961	0.000961	0.00000481	0.00802	0.00108	0.0112	0.0168	0.00000481	15.5	0.0000141	0.000196
2036 May	53.5	0.109	0.00609	0.00101	13.6	0.0441	5.29	0.00101	0.00101	0.00000503	0.00833	0.00116	0.0116	0.0187	0.00000503	17	0.0000149	0.000215
2036 Jun	48	0.0559	0.00828	0.00097	10.5	0.0289	3.85	0.00097	0.00097	0.00000485	0.00747	0.00107	0.0101	0.0174	0.00000485	15.1	0.0000186	0.000229
2036 Jul	44.9	0.0417	0.0079	0.001	9.32	0.0279	3.4	0.001	0.001	0.00000501	0.00744	0.00104	0.0101	0.0159	0.00000501	13.8	0.0000191	0.000218
2036 Aug	50.9	0.0465	0.00869	0.00115	10.8	0.0346	3.95	0.00115	0.00115	0.00000575	0.00819	0.0012	0.0119	0.0181	0.00000575	15.7	0.0000195	0.000241
2036 Sep	49.8	0.0649	0.00715	0.00108	11.5	0.0394	4.29	0.00108	0.00108	0.0000054	0.00778	0.00115	0.0121	0.0173	0.0000054	15.5	0.0000153	0.000222
2036 Oct	49.5	0.0968	0.00547	0.000999	12.3	0.0424	4.79	0.000999	0.000999	0.00000499	0.0081	0.0011	0.0115	0.0168	0.00000499	15.4	0.0000147	0.000201
2036 Nov	49.3	0.0989	0.00532	0.000989	12.3	0.0425	4.81	0.000989	0.000989	0.00000494	0.0081	0.00109	0.0114	0.0167	0.00000494	15.4	0.0000146	0.000199
2036 Dec	49.2	0.0993	0.00527	0.000984	12.3	0.0424	4.8	0.000984	0.000984	0.00000492	0.00808	0.00108	0.0114	0.0167	0.00000492	15.3	0.0000146	0.000198
2037 Jan	49.2	0.0993	0.00527	0.000984	12.3	0.0424	4.8	0.000984	0.000984	0.00000492	0.00808	0.00108	0.0114	0.0167	0.00000492	15.3	0.0000146	0.000198
2037 Feb	49.2	0.0993	0.00527	0.000984	12.3	0.0424	4.8	0.000984	0.000984	0.00000492	0.00808	0.00108	0.0114	0.0167	0.00000492	15.3	0.0000146	0.000198
2037 Mar	49.3	0.0996	0.00529	0.000987	12.3	0.0426	4.82	0.000987	0.000987	0.00000493	0.00811	0.00109	0.0114	0.0167	0.00000493	15.4	0.0000146	0.000199
2037 Apr	49.7	0.1	0.00533	0.000994	12.4	0.0429	4.85	0.000994	0.000994	0.00000497	0.00817	0.00109	0.0115	0.0168	0.00000497	15.5	0.0000147	0.0002
2037 May	66	0.089	0.0129	0.00101	16	0.0341	5.86	0.001	0.001	0.00000502	0.00763	0.00139	0.0104	0.0268	0.00000502	22.7	0.0000174	0.0003
2037 Jun	81.1	0.104	0.0806	0.00198	20.1	0.0253	8.37	0.000919	0.000919	0.00000461	0.00662	0.00159	0.014	0.0316	0.00000473	25.9	0.0000197	0.000382
2037 Jul	84.2	0.11	0.0908	0.00221	20.9	0.0277	8.87	0.000984	0.000984	0.00000494	0.00704	0.00166	0.0154	0.0321	0.00000508	26.3	0.0000208	0.000393
2037 Aug	85.1	0.107	0.0839	0.00222	21.1	0.0337	8.82	0.0011	0.0011	0.0000055	0.0075	0.00173	0.0164	0.0322	0.00000562	26.6	0.0000199	0.000393
2037 Sep	78.5	0.107	0.0643	0.00196	19.6	0.0389	8.03	0.00113	0.00113	0.00000564	0.00789	0.00163	0.016	0.0291	0.00000573	24.6	0.0000183	0.000355
2037 Oct	60	0.108	0.0271	0.00133	15.1	0.0415	6.09	0.00102	0.00102	0.00000511	0.00805	0.00128	0.013	0.0212	0.00000514	18.7	0.0000159	0.000253
2037 Nov	58.9	0.108	0.024	0.00129	14.8	0.0421	5.97	0.00102	0.00102	0.0000051	0.00813	0.00125	0.0128	0.0207	0.00000513	18.4	0.0000158	0.000246
2037 Dec	58.9	0.109	0.0241	0.00129	14.9	0.0421	5.97	0.00102	0.00102	0.00000511	0.00814	0.00126	0.0128	0.0207	0.00000514	18.4	0.0000158	0.000246
2038 Jan	58.9	0.109	0.0241	0.00129	14.9	0.0421	5.98	0.00102	0.00102	0.00000511	0.00814	0.00126	0.0128	0.0207	0.00000514	18.4	0.0000158	0.000246
2038 Feb	58.9	0.109	0.0241	0.00129	14.9	0.0422	5.98	0.00102	0.00102	0.00000511	0.00814	0.00126	0.0128	0.0207	0.00000514	18.4	0.0000158	0.000246
2038 Mar	59	0.109	0.0241	0.00129	14.9	0.0422	5.98	0.00102	0.00102	0.00000511	0.00814	0.00126	0.0128	0.0207	0.00000514	18.4	0.0000158	0.000246
2038 Apr	59.4	0.109	0.0242	0.0013	15	0.0425	6.02	0.00103	0.00103	0.00000515	0.0082	0.00127	0.0129	0.0209	0.00000518	18.5	0.0000159	0.000248
2038 May	66.2	0.106	0.0252	0.0013	16.5	0.0401	6.42	0.00105	0.00105	0.00000527	0.00819	0.0014	0.0126	0.0249	0.0000053	21.5	0.0000173	0.000289
2038 Jun	61.7	0.0621	0.0375	0.00138	15.5	0.0257	6.12	0.000973	0.000973	0.00000487	0.0055	0.00116	0.00934	0.0245	0.00000492	20.2	0.0000152	0.000291
2038 Jul	44.1	0.0339	0.0221	0.00126	11.9	0.0273	4.72	0.00105	0.00105	0.00000523	0.00426	0.000717	0.00657	0.0161	0.00000526	13.6	0.0000107	0.000202
2038 Aug	37.2	0.0223	0.0152	0.00119	10.6	0.028	4.26	0.00107	0.00107	0.00000535	0.00376	0.000527	0.00569	0.0128	0.00000537	11	0.00000852	0.000147
2038 Sep	35.4	0.0196	0.0134	0.00116	10.3	0.0279	4.16	0.00106	0.00106	0.00000532	0.00366	0.000478	0.00563	0.012	0.00000533	10.3	0.00000795	0.000123
2038 Oct	35.3	0.02	0.0133	0.00116	10.3	0.0279	4.15	0.00106	0.00106	0.0000053	0.00367	0.00048	0.00564	0.0119	0.00000531	10.3	0.00000795	0.000123
2038 Nov	35.4	0.0201	0.0133	0.00116	10.3	0.0279	4.16	0.00106	0.00106	0.00000531	0.00368	0.000481	0.00565	0.012	0.00000532	10.3	0.00000797	0.000123
2038 Dec	35.4	0.0201	0.0133	0.00116	10.3	0.0279	4.16	0.00106	0.00106	0.00000531	0.00368	0.000481	0.00566	0.012	0.00000532	10.3	0.00000797	0.000123
2039 Jan	35.4	0.0201	0.0133	0.00116	10.3	0.0279	4.16	0.00106	0.00106	0.00000531	0.00368	0.000481	0.00566	0.012	0.00000532	10.3	0.00000797	0.000123
2039 Feb	35.4	0.0201	0.0133	0.00116	10.3	0.0279	4.16	0.00106	0.00106	0.00000531	0.00368	0.000481	0.00566	0.012	0.00000532	10.3	0.00000797	0.000123
2039 Mar	35.5	0.0201	0.0133	0.00116	10.3	0.028	4.16	0.00106	0.00106	0.00000531	0.00368	0.000481	0.00566	0.012	0.00000532	10.4	0.00000798	0.000123
2039 Apr	35.6	0.0202	0.0134	0.00117	10.3	0.028	4.17	0.00106	0.00106	0.00000533	0.00369	0.000483	0.00568	0.012	0.00000534	10.4	0.000008	0.000124
2039 May	36.1	0.0205	0.0135	0.00118	10.5	0.0284	4.23	0.00108	0.00108	0.0000054	0.00375	0.00049	0.00575	0.0122	0.00000541	10.5	0.00000811	0.000125
2039 Jun	34.8	0.0193	0.0128	0.00113	9.91	0.0271	3.99	0.00104	0.00104	0.00000519	0.00377	0.000488	0.00573	0.0117	0.00000521	10.1	0.00000842	0.000124
2039 Jul	33.6	0.0183	0.0121	0.00109	9.45	0.0261	3.8	0.001	0.001	0.00000501	0.00372	0.000485	0.00563	0.0113	0.00000502	9.77	0.00000839	0.000121
2039 Aug	35	0.021	0.016	0.00117	9.83	0.027	4.05	0.00102	0.00102	0.00000511	0.00383	0.000513	0.00618	0.0116	0.00000513	10	0.00000859	0.000126
2039 Sep	38.8	0.0323	0.0325	0.00146	11	0.0286	5.03	0.00104	0.00104	0.00000521	0.00397	0.000574	0.00806	0.0121	0.00000527	10.5	0.00000913	0.00014
2039 Oct	45.7	0.0554	0.0666	0.00204	12.9	0.0307	7.12	0.00105	0.00103	0.00000519	0.00408	0.000692	0.0118	0.0125	0.00000533	10.9	0.00000988	0.000166
2039 Nov	46.7	0.0587	0.0715	0.00213	13.2	0.031	7.43	0.00106	0.00104	0.00000521	0.00411	0.000711	0.0123	0.0126	0.00000536	11	0.00001	0.00017
2039 Dec	46.8	0.0588	0.0717	0.00213	13.2	0.0311	7.44	0.00106	0.00104	0.00000521	0.00411	0.000711	0.0124	0.0126	0.00000536	11	0.00001	0.00017
2040 Jan	46.8	0.0589	0.0717	0.00213	13.3	0.0311	7.45	0.00106	0.00104	0.00000521	0.00411	0.000712	0.0124	0.0126	0.00000536	11	0.00001	0.00017
2040 Feb	46.8	0.0589	0.0718	0.00213	13.3	0.0311	7.45	0.00106	0.00104	0.00000521	0.00411	0.000712	0.0124	0.0126	0.00000536	11	0.00001	0.00017
2040 Mar	46.9	0.059	0.0719	0.00214	13.3	0.0311	7.46	0.00106	0.00104	0.00000521	0.00411	0.000712	0.0124	0.0126	0.00000536	11	0.00001	0.00017
2040 Apr	47	0.0592	0.0721	0.00214	13.3	0.0312	7.48	0.00106	0.00104	0.00000523	0.00413	0.000714	0.0124	0.0126	0.00000538	11.1	0.0000101	0.000171

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2040 May	49.8	0.0668	0.0831	0.00234	14.1	0.0322	8.17	0.00107	0.00105	0.00000529	0.00422	0.000761	0.0137	0.013	0.00000547	11.4	0.0000105	0.000182
2040 Jun	76.1	0.155	0.214	0.00449	21.6	0.0385	15.8	0.00105	0.000989	0.00000504	0.00462	0.00122	0.0278	0.0151	0.00000553	13.5	0.0000136	0.000285
2040 Jul	87.1	0.188	0.264	0.00536	24.7	0.0422	18.9	0.0011	0.00101	0.00000517	0.00491	0.0014	0.0335	0.0161	0.00000578	14.6	0.0000151	0.000327
2040 Aug	101	0.229	0.325	0.00642	28.5	0.0469	22.8	0.00114	0.00104	0.00000533	0.00524	0.00163	0.0405	0.0173	0.00000608	15.8	0.0000167	0.000378
2040 Sep	116	0.28	0.401	0.00771	33	0.052	27.5	0.00117	0.00103	0.00000536	0.00553	0.0019	0.0493	0.0185	0.0000063	16.9	0.0000185	0.000439
2040 Oct	121	0.296	0.425	0.00811	34.4	0.0537	28.9	0.00117	0.00104	0.00000538	0.00564	0.00198	0.052	0.0188	0.00000638	17.3	0.0000191	0.000458
2040 Nov	122	0.298	0.428	0.00817	34.7	0.054	29.1	0.00118	0.00104	0.00000539	0.00566	0.00199	0.0525	0.0189	0.0000064	17.4	0.0000192	0.000461
2040 Dec	122	0.299	0.429	0.00818	34.7	0.054	29.2	0.00118	0.00104	0.00000539	0.00566	0.00199	0.0525	0.0189	0.00000641	17.4	0.0000192	0.000461
2041 Jan	122	0.299	0.429	0.00818	34.7	0.054	29.2	0.00118	0.00104	0.00000539	0.00567	0.00199	0.0525	0.0189	0.00000641	17.4	0.0000192	0.000461
2041 Feb	122	0.299	0.429	0.00818	34.7	0.054	29.2	0.00118	0.00104	0.00000539	0.00567	0.00199	0.0525	0.0189	0.00000641	17.4	0.0000192	0.000461
2041 Mar	122	0.299	0.429	0.00819	34.7	0.0541	29.2	0.00118	0.00104	0.0000054	0.00567	0.00199	0.0526	0.019	0.00000641	17.4	0.0000193	0.000462
2041 Apr	123	0.3	0.43	0.00821	34.8	0.0542	29.2	0.00118	0.00104	0.00000541	0.00568	0.002	0.0527	0.019	0.00000642	17.5	0.0000193	0.000463
2041 May	125	0.307	0.442	0.00841	35.6	0.0552	29.9	0.00119	0.00105	0.00000545	0.00576	0.00204	0.054	0.0193	0.0000065	17.7	0.0000197	0.000473
2041 Jun	140	0.358	0.52	0.00966	39.6	0.059	34.3	0.00115	0.001	0.00000524	0.006	0.00227	0.0632	0.0199	0.00000648	18.3	0.0000217	0.000533
2041 Jul	148	0.389	0.569	0.0104	41.9	0.0608	37.2	0.0011	0.000944	0.00000498	0.00607	0.00242	0.069	0.0199	0.00000635	18.4	0.0000228	0.000568
2041 Aug	162	0.43	0.63	0.0115	45.8	0.066	41.2	0.00116	0.000981	0.0000052	0.00647	0.00266	0.0765	0.0212	0.00000672	19.8	0.0000247	0.000623
2041 Sep	178	0.479	0.703	0.0127	50.1	0.0715	46	0.00118	0.000984	0.00000525	0.00678	0.00293	0.0857	0.0224	0.00000697	20.9	0.0000266	0.000686
2041 Oct	182	0.494	0.726	0.0131	51.4	0.0731	47.5	0.00118	0.000979	0.00000523	0.00687	0.003	0.0886	0.0227	0.00000702	21.3	0.0000272	0.000705
2041 Nov	184	0.497	0.731	0.0132	51.7	0.0735	47.8	0.00118	0.000982	0.00000525	0.0069	0.00302	0.0893	0.0229	0.00000705	21.4	0.0000273	0.00071
2041 Dec	184	0.498	0.732	0.0132	51.8	0.0736	47.8	0.00118	0.000982	0.00000525	0.00691	0.00303	0.0893	0.0229	0.00000705	21.4	0.0000274	0.00071
2042 Jan	184	0.498	0.732	0.0132	51.8	0.0736	47.8	0.00118	0.000982	0.00000525	0.00691	0.00303	0.0893	0.0229	0.00000705	21.4	0.0000274	0.00071
2042 Feb	184	0.498	0.732	0.0132	51.8	0.0736	47.9	0.00118	0.000982	0.00000525	0.00691	0.00303	0.0894	0.0229	0.00000705	21.4	0.0000274	0.00071
2042 Mar	184	0.498	0.733	0.0132	51.8	0.0736	47.9	0.00118	0.000983	0.00000525	0.00691	0.00303	0.0894	0.0229	0.00000706	21.4	0.0000274	0.000711
2042 Apr	185	0.501	0.736	0.0133	52.1	0.074	48.1	0.00119	0.000987	0.00000528	0.00694	0.00304	0.0898	0.023	0.00000709	21.5	0.0000275	0.000714
2042 May	188	0.51	0.751	0.0135	53.1	0.0754	49.1	0.00121	0.00101	0.00000538	0.00708	0.0031	0.0916	0.0235	0.00000723	21.9	0.0000281	0.000728
2042 Jun	192	0.524	0.773	0.0139	54	0.0764	50.5	0.00118	0.000974	0.00000523	0.00715	0.00318	0.0949	0.0235	0.00000715	22	0.0000288	0.000749
2042 Jul	199	0.544	0.803	0.0144	55.6	0.0783	52.6	0.00117	0.000957	0.00000516	0.00728	0.00329	0.0991	0.0238	0.00000717	22.3	0.0000298	0.000776
2042 Aug	209	0.576	0.852	0.0152	58.3	0.0822	56.4	0.00116	0.000931	0.00000506	0.00741	0.00349	0.106	0.0244	0.00000723	22.9	0.0000309	0.000823
2042 Sep	223	0.618	0.915	0.0162	61.8	0.0874	61.1	0.00115	0.000913	0.000005	0.00763	0.00374	0.116	0.0253	0.00000737	23.9	0.0000325	0.000883
2042 Oct	226	0.626	0.927	0.0164	62.4	0.0883	62	0.00114	0.0009	0.00000495	0.00766	0.00379	0.118	0.0254	0.00000736	24	0.0000328	0.000895
2042 Nov	227	0.629	0.932	0.0165	62.8	0.0888	62.3	0.00114	0.000903	0.00000497	0.00769	0.00381	0.118	0.0255	0.00000739	24.1	0.000033	0.0009
2042 Dec	227	0.629	0.933	0.0165	62.8	0.0888	62.4	0.00114	0.000903	0.00000497	0.00769	0.00381	0.118	0.0255	0.00000739	24.1	0.000033	0.000901
2043 Jan	227	0.629	0.933	0.0165	62.8	0.0888	62.4	0.00114	0.000903	0.00000497	0.0077	0.00381	0.118	0.0255	0.0000074	24.1	0.000033	0.000901
2043 Feb	227	0.629	0.933	0.0165	62.8	0.0889	62.4	0.00114	0.000903	0.00000497	0.0077	0.00381	0.118	0.0255	0.0000074	24.1	0.000033	0.000901
2043 Mar	227	0.63	0.933	0.0165	62.8	0.0889	62.4	0.00114	0.000904	0.00000497	0.0077	0.00381	0.118	0.0255	0.0000074	24.1	0.000033	0.000901
2043 Apr	228	0.633	0.937	0.0166	63.1	0.0893	62.7	0.00115	0.000908	0.00000499	0.00773	0.00383	0.119	0.0257	0.00000743	24.2	0.0000332	0.000905
2043 May	233	0.645	0.956	0.0169	64.4	0.0911	64	0.00117	0.000925	0.00000509	0.00789	0.00391	0.121	0.0263	0.00000758	24.8	0.0000339	0.000925
2043 Jun	234	0.643	0.952	0.0168	64.2	0.0906	64.4	0.00113	0.000891	0.00000492	0.00787	0.00395	0.122	0.0268	0.00000743	25.1	0.0000341	0.000937
2043 Jul	248	0.682	1.01	0.0178	67.9	0.096	68.6	0.00119	0.00093	0.00000515	0.00831	0.0042	0.13	0.0283	0.00000782	26.6	0.0000362	0.000995
2043 Aug	273	0.747	1.11	0.0194	73.9	0.105	76.7	0.00128	0.000959	0.00000536	0.00888	0.00467	0.145	0.0305	0.00000834	29	0.0000394	0.0011
2043 Sep	284	0.775	1.15	0.0202	76.4	0.109	80.7	0.0013	0.000956	0.00000537	0.00908	0.00489	0.152	0.0314	0.00000851	29.9	0.0000407	0.00115
2043 Oct	286	0.781	1.16	0.0203	76.7	0.11	81.7	0.0013	0.000946	0.00000533	0.00912	0.00495	0.154	0.0315	0.00000851	30.1	0.000041	0.00116
2043 Nov	286	0.781	1.15	0.0203	76.7	0.11	82	0.00129	0.000939	0.0000053	0.00912	0.00496	0.154	0.0315	0.00000849	30.1	0.000041	0.00116
2043 Dec	286	0.781	1.16	0.0203	76.7	0.11	82	0.00129	0.000939	0.0000053	0.00912	0.00496	0.154	0.0315	0.00000849	30.2	0.000041	0.00116
2044 Jan	286	0.781	1.16	0.0203	76.7	0.11	82	0.0013	0.000939	0.0000053	0.00912	0.00496	0.154	0.0315	0.00000849	30.2	0.000041	0.00116
2044 Feb	286	0.781	1.16	0.0203	76.7	0.111	82.1	0.0013	0.00094	0.0000053	0.00913	0.00497	0.154	0.0315	0.0000085	30.2	0.000041	0.00116
2044 Mar	287	0.782	1.16	0.0203	76.8	0.111	82.2	0.0013	0.00094	0.00000531	0.00913	0.00497	0.154	0.0315	0.0000085	30.2	0.0000411	0.00116
2044 Apr	287	0.784	1.16	0.0203	77	0.111	82.3	0.0013	0.000942	0.00000532	0.00915	0.00498	0.155	0.0316	0.00000852	30.3	0.0000412	0.00117
2044 May	292	0.796	1.18	0.0207	78.2	0.113	83.6	0.00132	0.000957	0.0000054	0.00929	0.00506	0.157	0.0321	0.00000865	30.7	0.0000418	0.00118
2044 Jun	279	0.752	1.11	0.0195	73.7	0.107	80.9	0.00128	0.000893	0.00000507	0.00891	0.00492	0.151	0.0306	0.0000082	29.6	0.0000403	0.00114
2044 Jul	288	0.772	1.14	0.02	75.6	0.111	84	0.00133	0.000913	0.00000519	0.0092	0.00511	0.156	0.0315	0.00000843	30.6	0.0000417	0.00118
2044 Aug	315	0.837	1.24	0.0217	81.5	0.12	93.4	0.00148	0.000958	0.0000055	0.00988	0.00569	0.171	0.0339	0.00000906	33.6	0.0000451	0.00129
2044 Sep	319	0.841	1.24	0.0218	81.6	0.122	96.1	0.0015	0.000931	0.00000539	0.00986	0.00585	0.174	0.0339	0.00000904	34.1	0.0000454	0.00131
2044 Oct	319	0.839	1.24	0.0217	81.3	0.122	96.7	0.00151	0.00092	0.00000534	0.00985	0.00589	0.175	0.0338	0.00000901	34.2	0.0000454	0.00131
2044 Nov	320	0.84	1.24	0.0217	81.4	0.123	96.9	0.00151	0.000921	0.00000535	0.00986	0.0059	0.175	0.0339	0.00000902	34.2	0.0000455	0.00132
2044 Dec	320	0.84	1.24	0.0217	81.4	0.123	96.9	0.00151	0.000921	0.00000535	0.00987	0.0059	0.175	0.0339	0.00000902	34.3	0.0000455	0.00132
2045 Jan	320	0.84	1.24	0.0217	81.4	0.123	96.9	0.00151	0.000921	0.00000535	0.00987	0.0059	0.175	0.0339	0.00000902	34.3	0.0000455	0.00132
2045 Feb	320	0.84	1.24	0.0218	81.4	0.123	97	0.00151	0.000921	0.00000535	0.00987	0.00591	0.175	0.0339	0.00000902	34.3	0.0000455	0.00132
2045 Mar	320	0.841	1.24	0.0218	81.5	0.123	97	0.00151	0.000922	0.00000535	0.00987	0.00591	0.175	0.0339	0.00000903	34.3	0.0000455	0.00132
2045 Apr	321	0.843	1.24	0.0218	81.7	0.123	97.2	0.00152	0.000924	0.00000537	0.0099	0.00592	0.176	0.034	0.00000905	34.4	0.0000456	0.00132
2045 May	325	0.855	1.26	0.0221	82.8	0.125	98.6	0.00154	0.000937	0.00000544	0.01	0.00601	0.178	0.0345	0.00000917	34.8	0.0000462	0.00134
2045 Jun	319	0.829	1.22	0.0215	80.1	0.122	97.6	0.00151	0.000903	0.00000527	0.00987	0.00595	0.176	0.0336	0.00000896	34.2	0.0000457	0.00132
2045 Jul	325	0.839	1.24	0.0217	81.1	0.125	100	0.00156	0.000914	0.00000535	0.0101	0.00612	0.18	0.0342	0.00000913	35	0.0000468	0.00135
2045 Aug	340	0.872	1.28	0.0226	84.1	0.13	106	0.00166	0.000944	0.00000555	0.0105	0.00645	0.188	0.0355	0.0000095	36.7	0.0000487	0.00141
2045 Sep	348	0.884	1.3	0.0229	85	0.133	110	0.00175	0.000941	0.00000557	0.0106	0.00672	0.192	0.036	0.00000963	37.9	0.0000495	0.00145
2045 Oct	353	0.893	1.31	0.0231	85.8	0.135	112	0.00178	0.000944	0.0000056	0.0107	0.00684	0.195	0.0363	0.00000973	38.4	0.0000501	0.00147
2045 Nov	354	0.895	1.32	0.0232	86	0.135	112	0.00179	0.000945	0.00000562	0.0108	0.00688	0.196	0.0364	0.00000976	38.6	0.0000502	0.00147
2045 Dec	354	0.896	1.32	0.0232	86.1	0.135	112	0.00179	0.000946	0.00000562	0.0108	0.00688	0.196	0.0364	0.00000976	38.6	0.0000503	0.00147
2046 Jan	354	0.896	1.32	0.0232	86.1	0.135	112	0.00179	0.000946	0.00000562	0.0108	0.00688	0.196	0.0364	0.00000976	38.6	0.0000503	0.00147
2046 Feb	354	0.896	1.32	0.0232	86.1	0.135	112	0.00179	0.000946	0.00000562	0.0108	0.00688	0.196	0.0364	0.00000976	38.6	0.0000503	0.00147
2046 Mar	355	0.897	1.32	0.0232	86.2	0.136	112	0.00179	0.000947	0.00000563	0.0108	0.00689	0.196	0.0365	0.00000977	38.7	0.0000503	0.00148

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2046 Apr	356	0.901	1.32	0.0233	86.6	0.136	113	0.0018	0.000951	0.00000565	0.0108	0.00692	0.197	0.0366	0.00000982	38.9	0.0000506	0.00148
2046 May	361	0.914	1.34	0.0237	87.9	0.138	114	0.00183	0.000965	0.00000574	0.011	0.00702	0.2	0.0372	0.00000996	39.4	0.0000513	0.0015
2046 Jun	343	0.852	1.25	0.0221	81.7	0.131	110	0.0018	0.000911	0.00000544	0.0105	0.0068	0.19	0.0352	0.00000947	37.9	0.0000491	0.00144
2046 Jul	331	0.807	1.18	0.0209	77.3	0.126	108	0.00181	0.000876	0.00000525	0.0102	0.00669	0.184	0.0337	0.00000915	37	0.0000475	0.00139
2046 Aug	348	0.839	1.23	0.0218	80.2	0.132	115	0.00197	0.000901	0.00000545	0.0106	0.00716	0.193	0.0351	0.00000957	39.3	0.0000496	0.00146
2046 Sep	350	0.83	1.21	0.0215	79.2	0.133	117	0.00202	0.00088	0.00000537	0.0105	0.0073	0.194	0.0349	0.00000952	39.7	0.0000495	0.00147
2046 Oct	348	0.82	1.2	0.0213	78.1	0.132	117	0.00202	0.000865	0.0000053	0.0104	0.00731	0.194	0.0346	0.00000944	39.7	0.0000491	0.00147
2046 Nov	348	0.82	1.2	0.0213	78.1	0.133	117	0.00202	0.000864	0.0000053	0.0105	0.00733	0.194	0.0346	0.00000945	39.7	0.0000492	0.00147
2046 Dec	348	0.821	1.2	0.0213	78.2	0.133	118	0.00203	0.000864	0.0000053	0.0105	0.00733	0.194	0.0346	0.00000945	39.7	0.0000492	0.00147
2047 Jan	348	0.821	1.2	0.0213	78.2	0.133	118	0.00203	0.000864	0.0000053	0.0105	0.00733	0.194	0.0346	0.00000945	39.7	0.0000492	0.00147
2047 Feb	348	0.821	1.2	0.0213	78.2	0.133	118	0.00203	0.000864	0.0000053	0.0105	0.00734	0.194	0.0346	0.00000946	39.8	0.0000492	0.00147
2047 Mar	349	0.823	1.2	0.0213	78.3	0.133	118	0.00203	0.000866	0.00000531	0.0105	0.00735	0.194	0.0347	0.00000947	39.8	0.0000493	0.00147
2047 Apr	350	0.825	1.2	0.0214	78.5	0.133	118	0.00204	0.000868	0.00000532	0.0105	0.00737	0.195	0.0348	0.0000095	39.9	0.0000495	0.00148
2047 May	352	0.828	1.21	0.0215	78.9	0.134	119	0.00205	0.000873	0.00000536	0.0106	0.00743	0.196	0.0352	0.00000956	40.3	0.0000498	0.00149
2047 Jun	337	0.776	1.13	0.0201	74.2	0.128	115	0.002	0.000834	0.00000513	0.0102	0.00721	0.188	0.0344	0.00000915	39.6	0.0000479	0.00143
2047 Jul	356	0.813	1.18	0.021	77.7	0.135	122	0.00214	0.000874	0.00000539	0.0107	0.00766	0.198	0.0362	0.00000964	41.9	0.0000504	0.00151
2047 Aug	380	0.854	1.24	0.0221	81.5	0.144	132	0.00236	0.000903	0.00000564	0.0112	0.00834	0.211	0.0383	0.0000102	45.3	0.0000533	0.00162
2047 Sep	386	0.853	1.24	0.0221	81.2	0.146	136	0.00243	0.000883	0.00000558	0.0112	0.00858	0.215	0.0385	0.0000102	46.2	0.0000537	0.00165
2047 Oct	382	0.84	1.22	0.0217	79.9	0.145	135	0.00241	0.000867	0.00000549	0.0111	0.00852	0.213	0.0381	0.0000101	45.8	0.0000531	0.00163
2047 Nov	381	0.838	1.21	0.0217	79.7	0.144	135	0.0024	0.000865	0.00000548	0.0111	0.00851	0.213	0.038	0.0000101	45.8	0.0000531	0.00163
2047 Dec	381	0.838	1.21	0.0217	79.7	0.145	135	0.0024	0.000865	0.00000548	0.0111	0.00851	0.213	0.0381	0.0000101	45.8	0.0000531	0.00163
2048 Jan	381	0.839	1.21	0.0217	79.7	0.145	135	0.0024	0.000865	0.00000548	0.0111	0.00852	0.213	0.0381	0.0000101	45.8	0.0000531	0.00163
2048 Feb	382	0.839	1.21	0.0217	79.8	0.145	135	0.00241	0.000866	0.00000548	0.0111	0.00852	0.214	0.0381	0.0000101	45.8	0.0000532	0.00163
2048 Mar	382	0.839	1.21	0.0217	79.8	0.145	135	0.00241	0.000866	0.00000549	0.0111	0.00852	0.214	0.0381	0.0000101	45.8	0.0000532	0.00163
2048 Apr	383	0.842	1.22	0.0218	80	0.145	136	0.00242	0.000869	0.0000055	0.0112	0.00855	0.214	0.0382	0.0000101	46	0.0000534	0.00164
2048 May	389	0.855	1.24	0.0221	81.3	0.147	138	0.00245	0.000882	0.00000559	0.0113	0.00869	0.218	0.0388	0.0000103	46.7	0.0000542	0.00166
2048 Jun	366	0.792	1.15	0.0205	75.3	0.139	130	0.00235	0.000841	0.00000533	0.0108	0.00825	0.205	0.0366	0.00000977	44.3	0.0000515	0.00157
2048 Jul	354	0.753	1.09	0.0195	71.7	0.135	127	0.00234	0.000824	0.00000522	0.0106	0.00808	0.199	0.0354	0.00000953	43.3	0.0000502	0.00153
2048 Aug	367	0.766	1.1	0.0198	72.7	0.14	134	0.0025	0.000833	0.00000533	0.0108	0.00853	0.206	0.0363	0.00000982	45.4	0.0000516	0.00159
2048 Sep	372	0.766	1.1	0.0198	72.7	0.141	137	0.00255	0.000827	0.00000533	0.0109	0.00871	0.209	0.0366	0.0000099	46.1	0.000052	0.00161
2048 Oct	369	0.758	1.09	0.0196	71.9	0.141	136	0.00254	0.000818	0.00000528	0.0108	0.00867	0.208	0.0363	0.00000983	45.8	0.0000517	0.0016
2048 Nov	369	0.758	1.09	0.0196	71.9	0.141	136	0.00254	0.000819	0.00000529	0.0108	0.00867	0.208	0.0363	0.00000983	45.8	0.0000517	0.0016
2048 Dec	369	0.758	1.09	0.0196	71.9	0.141	136	0.00254	0.000819	0.00000529	0.0108	0.00868	0.209	0.0363	0.00000983	45.9	0.0000517	0.0016
2049 Jan	369	0.758	1.09	0.0196	71.9	0.141	136	0.00254	0.000819	0.00000529	0.0108	0.00868	0.209	0.0363	0.00000984	45.9	0.0000517	0.0016
2049 Feb	369	0.758	1.09	0.0196	71.9	0.141	136	0.00254	0.000819	0.00000529	0.0108	0.00868	0.209	0.0364	0.00000984	45.9	0.0000517	0.0016
2049 Mar	370	0.759	1.09	0.0196	71.9	0.141	136	0.00254	0.00082	0.00000529	0.0108	0.00869	0.209	0.0364	0.00000984	45.9	0.0000518	0.0016
2049 Apr	371	0.761	1.1	0.0197	72.2	0.142	137	0.00255	0.000823	0.00000531	0.0109	0.00872	0.21	0.0365	0.00000988	46.1	0.000052	0.00161
2049 May	377	0.773	1.11	0.02	73.3	0.144	139	0.00259	0.000835	0.00000539	0.011	0.00885	0.213	0.0371	0.00001	46.8	0.0000527	0.00163
2049 Jun	350	0.704	1.01	0.0183	66.9	0.134	130	0.00246	0.000794	0.00000511	0.0104	0.0083	0.198	0.0346	0.00000942	43.9	0.0000496	0.00152
2049 Jul	345	0.685	0.985	0.0178	65.2	0.132	129	0.00247	0.000792	0.0000051	0.0104	0.00826	0.195	0.0341	0.00000935	43.6	0.0000491	0.00151
2049 Aug	368	0.722	1.04	0.0187	68.5	0.141	139	0.0027	0.000832	0.00000539	0.011	0.00892	0.208	0.0361	0.00000994	46.9	0.0000521	0.00161
2049 Sep	371	0.714	1.02	0.0185	67.7	0.142	142	0.00277	0.000818	0.00000536	0.011	0.00911	0.21	0.0361	0.00000996	47.6	0.0000522	0.00162
2049 Oct	367	0.702	1.01	0.0182	66.5	0.141	141	0.00275	0.000805	0.00000528	0.0108	0.00905	0.208	0.0357	0.00000985	47.2	0.0000516	0.00161
2049 Nov	368	0.702	1	0.0182	66.5	0.141	141	0.00276	0.000804	0.00000528	0.0109	0.00906	0.208	0.0357	0.00000986	47.3	0.0000517	0.00161
2049 Dec	368	0.702	1.01	0.0182	66.5	0.141	141	0.00276	0.000805	0.00000529	0.0109	0.00907	0.209	0.0357	0.00000987	47.3	0.0000517	0.00161
2050 Jan	368	0.702	1.01	0.0182	66.5	0.141	141	0.00276	0.000805	0.00000529	0.0109	0.00907	0.209	0.0357	0.00000987	47.3	0.0000517	0.00161
2050 Feb	368	0.702	1.01	0.0182	66.5	0.141	141	0.00276	0.000805	0.00000529	0.0109	0.00907	0.209	0.0357	0.00000987	47.3	0.0000517	0.00161
2050 Mar	368	0.702	1.01	0.0182	66.6	0.141	141	0.00276	0.000805	0.00000529	0.0109	0.00908	0.209	0.0357	0.00000987	47.3	0.0000517	0.00161
2050 Apr	369	0.704	1.01	0.0183	66.7	0.141	142	0.00277	0.000807	0.0000053	0.0109	0.0091	0.209	0.0358	0.0000099	47.5	0.0000519	0.00162
2050 May	374	0.713	1.02	0.0185	67.6	0.143	143	0.0028	0.000817	0.00000537	0.011	0.00922	0.212	0.0363	0.00001	48.1	0.0000525	0.00164
2050 Jun	355	0.665	0.951	0.0173	63.2	0.136	137	0.00272	0.000793	0.00000519	0.0106	0.00883	0.201	0.0348	0.00000961	46.2	0.0000503	0.00156
2050 Jul	342	0.63	0.899	0.0164	59.9	0.131	133	0.00269	0.000774	0.00000507	0.0103	0.00861	0.194	0.0335	0.00000933	45	0.0000486	0.00151
2050 Aug	357	0.648	0.924	0.0168	61.6	0.136	140	0.00286	0.000797	0.00000526	0.0107	0.00907	0.201	0.0346	0.00000969	47.2	0.0000503	0.00157
2050 Sep	362	0.646	0.92	0.0168	61.3	0.138	143	0.00295	0.000795	0.00000528	0.0107	0.00929	0.204	0.0348	0.00000978	48.2	0.0000506	0.00159
2050 Oct	366	0.651	0.926	0.0169	61.7	0.14	145	0.003	0.000799	0.00000532	0.0108	0.00943	0.206	0.0351	0.00000988	48.8	0.0000511	0.00161
2050 Nov	368	0.653	0.929	0.017	62	0.14	146	0.00302	0.000801	0.00000534	0.0108	0.00949	0.207	0.0353	0.00000993	49.1	0.0000514	0.00162
2050 Dec	368	0.653	0.93	0.017	62	0.14	146	0.00302	0.000801	0.00000534	0.0109	0.0095	0.207	0.0353	0.00000993	49.1	0.0000514	0.00162
2051 Jan	368	0.653	0.93	0.017	62	0.14	146	0.00302	0.000801	0.00000534	0.0109	0.0095	0.207	0.0353	0.00000993	49.1	0.0000514	0.00162
2051 Feb	368	0.653	0.93	0.017	62	0.14	146	0.00302	0.000801	0.00000535	0.0109	0.0095	0.207	0.0353	0.00000994	49.2	0.0000514	0.00162
2051 Mar	368	0.654	0.93	0.017	62	0.14	146	0.00302	0.000802	0.00000535	0.0109	0.00951	0.207	0.0353	0.00000994	49.2	0.0000514	0.00162
2051 Apr	370	0.656	0.934	0.0171	62.3	0.141	147	0.00304	0.000805	0.00000537	0.0109	0.00955	0.208	0.0354	0.00000998	49.4	0.0000516	0.00163
2051 May	375	0.665	0.946	0.0173	63.1	0.143	149	0.00308	0.000816	0.00000544	0.0111	0.00968	0.211	0.036	0.0000101	50.1	0.0000524	0.00165
2051 Jun	342	0.583	0.827	0.0152	55.7	0.13	137	0.00288	0.000759	0.00000505	0.0102	0.00895	0.192	0.0335	0.00000932	46.7	0.0000482	0.00151
2051 Jul	344	0.576	0.816	0.015	55.1	0.131	138	0.00295	0.000764	0.0000051	0.0103	0.00909	0.193	0.0335	0.00000939	47.3	0.0000484	0.00152
2051 Aug	357	0.58	0.82	0.0151	55.4	0.135	146	0.00317	0.000768	0.00000521	0.0105	0.00964	0.2	0.0343	0.00000968	49.8	0.0000496	0.00158
2051 Sep	356	0.568	0.802	0.0148	54.2	0.135	147	0.00319	0.000749	0.00000513	0.0104	0.00969	0.2	0.0341	0.00000961	49.9	0.0000493	0.00158
2051 Oct	341	0.539	0.758	0.014	51.4	0.13	141	0.00305	0.000719	0.00000492	0.01	0.0093	0.193	0.0328	0.00000923	47.9	0.0000473	0.00152
2051 Nov	341	0.538	0.757	0.0139	51.3	0.131	141	0.00305	0.000719	0.00000492	0.01	0.00929	0.193	0.0328	0.00000923	47.8	0.0000473	0.00152
2051 Dec	341	0.538	0.757	0.014	51.3	0.131	141	0.00305	0.00072	0.00000492	0.01	0.0093	0.193	0.0328	0.00000923	47.9	0.0000473	0.00152
2052 Jan	341	0.538	0.757	0.014	51.3	0.131	141	0.00305	0.00072	0.00000492	0.01	0.0093	0.193	0.0328	0.00000923	47.9	0.0000473	0.00152
2052 Feb	341	0.538	0.757	0.014	51.4	0.131	141	0.00305	0.00072	0.00000492	0.01	0.0093	0.193	0.0328	0.00000923	47.9	0.0000474	0.00152

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2052 Mar	342	0.539	0.758	0.014	51.4	0.131	141	0.00306	0.00072	0.00000493	0.01	0.00931	0.193	0.0328	0.00000924	48	0.0000474	0.00152
2052 Apr	342	0.54	0.76	0.014	51.5	0.131	142	0.00306	0.000722	0.00000494	0.01	0.00933	0.193	0.0329	0.00000927	48.1	0.0000475	0.00153
2052 May	345	0.543	0.763	0.0141	51.9	0.132	143	0.00309	0.00073	0.00000499	0.0101	0.00941	0.195	0.0333	0.00000934	48.5	0.0000479	0.00154
2052 Jun	337	0.522	0.731	0.0135	50.1	0.129	139	0.00303	0.000726	0.00000494	0.00998	0.00921	0.19	0.0332	0.00000918	47.9	0.000047	0.00151
2052 Jul	342	0.521	0.73	0.0135	50.2	0.131	143	0.00313	0.000738	0.00000503	0.0101	0.00944	0.193	0.0336	0.00000934	49.1	0.0000476	0.00153
2052 Aug	355	0.53	0.741	0.0137	51	0.136	149	0.00331	0.000749	0.00000516	0.0104	0.0099	0.2	0.0346	0.00000964	51.2	0.0000489	0.00159
2052 Sep	358	0.527	0.735	0.0136	50.6	0.137	151	0.00335	0.000743	0.00000515	0.0104	0.01	0.202	0.0347	0.00000968	51.8	0.0000491	0.0016
2052 Oct	359	0.525	0.733	0.0136	50.5	0.137	152	0.00337	0.000741	0.00000515	0.0104	0.0101	0.202	0.0348	0.0000097	52	0.0000492	0.00161
2052 Nov	360	0.527	0.735	0.0136	50.6	0.138	153	0.00338	0.000743	0.00000516	0.0104	0.0101	0.203	0.0349	0.00000974	52.2	0.0000494	0.00162
2052 Dec	361	0.527	0.735	0.0136	50.6	0.138	153	0.00338	0.000743	0.00000517	0.0104	0.0101	0.203	0.0349	0.00000974	52.2	0.0000494	0.00162
2053 Jan	361	0.527	0.735	0.0136	50.7	0.138	153	0.00338	0.000743	0.00000517	0.0104	0.0101	0.203	0.0349	0.00000974	52.2	0.0000494	0.00162
2053 Feb	361	0.527	0.736	0.0136	50.7	0.138	153	0.00338	0.000743	0.00000517	0.0105	0.0101	0.203	0.0349	0.00000975	52.3	0.0000494	0.00162
2053 Mar	361	0.528	0.737	0.0137	50.7	0.138	153	0.00339	0.000744	0.00000518	0.0105	0.0102	0.204	0.035	0.00000976	52.3	0.0000495	0.00162
2053 Apr	363	0.53	0.74	0.0137	51	0.139	154	0.0034	0.000748	0.0000052	0.0105	0.0102	0.205	0.0351	0.0000098	52.6	0.0000497	0.00163
2053 May	364	0.528	0.735	0.0136	50.9	0.139	154	0.00339	0.000752	0.00000522	0.0106	0.0102	0.205	0.0357	0.00000984	52.9	0.00005	0.00163
2053 Jun	340	0.48	0.666	0.0124	46.8	0.13	144	0.0032	0.000714	0.00000494	0.00995	0.00961	0.192	0.0344	0.00000926	50.4	0.0000471	0.00154
2053 Jul	356	0.493	0.684	0.0127	48.1	0.136	152	0.0034	0.000736	0.00000513	0.0103	0.0101	0.2	0.0357	0.00000964	53	0.0000489	0.00161
2053 Aug	382	0.514	0.712	0.0133	50.1	0.145	166	0.00371	0.000755	0.00000536	0.0108	0.011	0.215	0.0377	0.0000102	57.2	0.0000519	0.00173
2053 Sep	396	0.529	0.733	0.0136	51.5	0.151	172	0.00384	0.000772	0.00000551	0.0112	0.0114	0.223	0.039	0.0000106	59.2	0.0000537	0.00179
2053 Oct	400	0.532	0.738	0.0137	51.8	0.153	174	0.00388	0.000774	0.00000554	0.0113	0.0116	0.226	0.0394	0.0000107	59.9	0.0000543	0.00182
2053 Nov	401	0.532	0.737	0.0137	51.8	0.153	174	0.00388	0.000773	0.00000553	0.0113	0.0116	0.227	0.0395	0.0000107	59.9	0.0000543	0.00182
2053 Dec	401	0.532	0.737	0.0137	51.8	0.153	174	0.00388	0.000773	0.00000554	0.0113	0.0116	0.227	0.0395	0.0000107	59.9	0.0000543	0.00182
2054 Jan	401	0.532	0.737	0.0137	51.8	0.153	174	0.00388	0.000773	0.00000554	0.0113	0.0116	0.227	0.0395	0.0000107	60	0.0000543	0.00182
2054 Feb	401	0.532	0.738	0.0137	51.8	0.153	174	0.00388	0.000774	0.00000554	0.0113	0.0116	0.227	0.0395	0.0000107	60	0.0000544	0.00182
2054 Mar	401	0.532	0.738	0.0137	51.8	0.153	174	0.00388	0.000774	0.00000554	0.0113	0.0116	0.227	0.0395	0.0000107	60	0.0000544	0.00182
2054 Apr	403	0.534	0.74	0.0138	52	0.153	175	0.0039	0.000776	0.00000556	0.0113	0.0116	0.228	0.0396	0.0000107	60.2	0.0000546	0.00183
2054 May	407	0.539	0.747	0.0139	52.5	0.155	177	0.00394	0.000786	0.00000562	0.0115	0.0118	0.23	0.0402	0.0000108	60.9	0.0000552	0.00185
2054 Jun	378	0.49	0.677	0.0126	48.1	0.144	164	0.00367	0.000743	0.00000529	0.0107	0.011	0.214	0.0381	0.0000101	57.2	0.0000516	0.00172
2054 Jul	372	0.476	0.658	0.0123	46.9	0.142	162	0.00364	0.000737	0.00000524	0.0106	0.0108	0.211	0.0376	0.00001	56.6	0.000051	0.0017
2054 Aug	380	0.478	0.659	0.0123	47	0.145	167	0.00376	0.000743	0.00000532	0.0107	0.0111	0.215	0.038	0.0000102	57.9	0.0000516	0.00173
2054 Sep	384	0.476	0.657	0.0123	46.9	0.146	169	0.00383	0.000742	0.00000534	0.0108	0.0113	0.217	0.0383	0.0000103	58.7	0.000052	0.00175
2054 Oct	381	0.469	0.646	0.0121	46.2	0.145	168	0.00382	0.000733	0.00000529	0.0107	0.0113	0.216	0.0379	0.0000102	58.4	0.0000515	0.00174
2054 Nov	380	0.467	0.643	0.012	46	0.145	168	0.00381	0.000731	0.00000527	0.0107	0.0112	0.215	0.0378	0.0000102	58.2	0.0000514	0.00174
2054 Dec	380	0.467	0.643	0.012	46	0.145	168	0.00381	0.000731	0.00000528	0.0107	0.0112	0.215	0.0378	0.0000102	58.3	0.0000514	0.00174
2055 Jan	381	0.467	0.643	0.012	46	0.145	168	0.00381	0.000731	0.00000528	0.0107	0.0112	0.215	0.0378	0.0000102	58.3	0.0000514	0.00174
2055 Feb	381	0.467	0.643	0.012	46	0.145	168	0.00381	0.000731	0.00000528	0.0107	0.0113	0.215	0.0379	0.0000102	58.3	0.0000514	0.00174
2055 Mar	381	0.467	0.643	0.012	46	0.145	168	0.00381	0.000731	0.00000528	0.0107	0.0113	0.215	0.0379	0.0000102	58.3	0.0000514	0.00174
2055 Apr	382	0.469	0.645	0.0121	46.2	0.146	169	0.00382	0.000733	0.0000053	0.0107	0.0113	0.216	0.038	0.0000102	58.5	0.0000516	0.00174
2055 May	387	0.475	0.654	0.0122	46.8	0.148	171	0.00387	0.000743	0.00000537	0.0109	0.0114	0.219	0.0385	0.0000103	59.3	0.0000523	0.00177
2055 Jun	357	0.428	0.589	0.0111	42.4	0.137	158	0.00362	0.000713	0.00000509	0.0102	0.0106	0.202	0.0356	0.00000969	54.9	0.000049	0.00164
2055 Jul	354	0.416	0.572	0.0108	41.3	0.135	157	0.00364	0.000716	0.0000051	0.0102	0.0106	0.2	0.0352	0.00000966	54.7	0.0000486	0.00162
2055 Aug	371	0.428	0.587	0.0111	42.4	0.141	166	0.00389	0.000738	0.00000531	0.0106	0.0112	0.209	0.0364	0.0000101	57.7	0.0000505	0.0017
2055 Sep	375	0.424	0.582	0.011	42.1	0.143	169	0.00396	0.000735	0.00000532	0.0106	0.0114	0.211	0.0365	0.0000101	58.4	0.0000506	0.00171
2055 Oct	377	0.425	0.583	0.011	42.1	0.144	170	0.004	0.000737	0.00000535	0.0107	0.0115	0.212	0.0367	0.0000102	58.8	0.0000509	0.00172
2055 Nov	378	0.426	0.584	0.011	42.2	0.144	171	0.004	0.000737	0.00000536	0.0107	0.0115	0.213	0.0367	0.0000102	58.9	0.000051	0.00173
2055 Dec	378	0.426	0.584	0.011	42.2	0.144	171	0.004	0.000737	0.00000536	0.0107	0.0115	0.213	0.0367	0.0000102	58.9	0.000051	0.00173
2056 Jan	378	0.426	0.584	0.011	42.2	0.144	171	0.00401	0.000738	0.00000536	0.0107	0.0115	0.213	0.0367	0.0000102	58.9	0.000051	0.00173
2056 Feb	378	0.426	0.584	0.011	42.2	0.144	171	0.00401	0.000738	0.00000536	0.0107	0.0115	0.213	0.0367	0.0000102	59	0.000051	0.00173
2056 Mar	378	0.426	0.584	0.011	42.2	0.144	171	0.00401	0.000738	0.00000536	0.0107	0.0115	0.213	0.0367	0.0000102	59	0.0000511	0.00173
2056 Apr	380	0.428	0.586	0.0111	42.3	0.145	171	0.00402	0.000741	0.00000538	0.0107	0.0115	0.214	0.0369	0.0000103	59.2	0.0000513	0.00173
2056 May	381	0.428	0.586	0.0111	42.5	0.145	172	0.00405	0.000749	0.00000543	0.0108	0.0116	0.214	0.0373	0.0000103	59.7	0.0000515	0.00174
2056 Jun	354	0.387	0.527	0.01	39	0.134	160	0.0038	0.000716	0.00000514	0.0101	0.0108	0.197	0.0355	0.00000966	56.3	0.000048	0.00162
2056 Jul	369	0.399	0.543	0.0103	40.3	0.139	167	0.004	0.000746	0.00000537	0.0105	0.0113	0.205	0.0369	0.0000101	58.9	0.0000499	0.00169
2056 Aug	384	0.403	0.548	0.0104	40.7	0.144	175	0.00424	0.000756	0.00000551	0.0108	0.0119	0.213	0.0379	0.0000104	61.6	0.0000512	0.00175
2056 Sep	397	0.409	0.556	0.0106	41.3	0.149	182	0.00439	0.000762	0.00000561	0.011	0.0124	0.22	0.0388	0.0000107	63.7	0.0000526	0.00181
2056 Oct	391	0.402	0.546	0.0104	40.6	0.147	180	0.00433	0.000752	0.00000554	0.0109	0.0122	0.217	0.0383	0.0000105	62.8	0.000052	0.00179
2056 Nov	391	0.401	0.544	0.0104	40.5	0.147	179	0.00432	0.000751	0.00000553	0.0109	0.0122	0.217	0.0383	0.0000105	62.7	0.0000519	0.00178
2056 Dec	391	0.401	0.544	0.0104	40.5	0.147	179	0.00432	0.000752	0.00000553	0.0109	0.0122	0.217	0.0383	0.0000105	62.8	0.0000519	0.00178
2057 Jan	391	0.401	0.544	0.0104	40.5	0.147	179	0.00432	0.000752	0.00000553	0.0109	0.0122	0.217	0.0383	0.0000105	62.8	0.0000519	0.00178
2057 Feb	391	0.401	0.545	0.0104	40.5	0.147	179	0.00432	0.000752	0.00000553	0.0109	0.0122	0.217	0.0383	0.0000105	62.8	0.000052	0.00178
2057 Mar	391	0.402	0.545	0.0104	40.5	0.147	180	0.00433	0.000752	0.00000554	0.0109	0.0122	0.218	0.0384	0.0000106	62.8	0.000052	0.00179
2057 Apr	393	0.403	0.547	0.0104	40.7	0.148	180	0.00435	0.000755	0.00000556	0.0109	0.0122	0.218	0.0385	0.0000106	63.1	0.0000522	0.00179
2057 May	399	0.409	0.554	0.0105	41.3	0.15	183	0.00441	0.000767	0.00000565	0.0111	0.0124	0.221	0.0391	0.0000108	64	0.000053	0.00182
2057 Jun	366	0.367	0.496	0.00947	37.5	0.138	167	0.00406	0.000733	0.00000532	0.0104	0.0114	0.203	0.0367	0.00000999	59.3	0.0000492	0.00168
2057 Jul	372	0.37	0.5	0.00956	37.9	0.14	171	0.00416	0.000751	0.00000544	0.0106	0.0116	0.206	0.0373	0.0000102	60.5	0.0000502	0.00171
2057 Aug	402	0.39	0.527	0.0101	39.9	0.151	185	0.00452	0.000789	0.00000578	0.0113	0.0126	0.223	0.0398	0.0000109	65.4	0.0000537	0.00184
2057 Sep	410	0.396	0.534	0.0102	40.5	0.154	190	0.00462	0.0008	0.00000588	0.0115	0.0129	0.228	0.0406	0.0000111	66.7	0.0000548	0.00188
2057 Oct	409	0.393	0.53	0.0101	40.2	0.154	189	0.00459	0.000795	0.00000585	0.0115	0.0129	0.227	0.0405	0.0000111	66.5	0.0000547	0.00188
2057 Nov	409	0.393	0.531	0.0101	40.2	0.154	189	0.0046	0.000796	0.00000586	0.0115	0.0129	0.228	0.0405	0.0000111	66.6	0.0000548	0.00188
2057 Dec	410	0.393	0.531	0.0102	40.3	0.155	190	0.0046	0.000796	0.00000586	0.0115	0.0129	0.228	0.0406	0.0000111	66.6	0.0000548	0.00188
2058 Jan	410	0.393	0.531	0.0102	40.2	0.155	190	0.0046	0.000796	0.00000586	0.0115	0.0129	0.228	0.0406	0.0000111	66.6	0.0000548	0.00188

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2058 Feb	410	0.393	0.531	0.0102	40.3	0.155	190	0.0046	0.000796	0.00000586	0.0115	0.0129	0.228	0.0406	0.0000111	66.6	0.0000548	0.00188
2058 Mar	410	0.394	0.531	0.0102	40.3	0.155	190	0.00461	0.000797	0.00000586	0.0115	0.0129	0.228	0.0406	0.0000111	66.7	0.0000548	0.00188
2058 Apr	411	0.394	0.532	0.0102	40.4	0.155	190	0.00462	0.000798	0.00000588	0.0115	0.0129	0.229	0.0407	0.0000112	66.8	0.000055	0.00189
2058 May	410	0.392	0.528	0.0101	40.3	0.155	190	0.00459	0.000802	0.00000589	0.0116	0.0129	0.229	0.0411	0.0000112	66.9	0.0000552	0.00189
2058 Jun	361	0.334	0.447	0.00858	35.1	0.137	166	0.004	0.000728	0.00000528	0.0103	0.0113	0.202	0.0377	0.00000992	59.5	0.0000493	0.00168
2058 Jul	370	0.338	0.452	0.00868	35.5	0.14	171	0.00414	0.000745	0.00000541	0.0106	0.0116	0.207	0.0385	0.0000102	61.2	0.0000504	0.00172
2058 Aug	389	0.346	0.463	0.00889	36.4	0.146	180	0.00439	0.000764	0.00000561	0.011	0.0123	0.216	0.0399	0.0000106	64.5	0.0000524	0.0018
2058 Sep	389	0.343	0.458	0.00879	36	0.147	181	0.0044	0.000757	0.00000558	0.0109	0.0124	0.217	0.0399	0.0000106	64.6	0.0000524	0.00181
2058 Oct	388	0.339	0.453	0.0087	35.7	0.147	181	0.00438	0.000751	0.00000555	0.0109	0.0123	0.217	0.0397	0.0000106	64.3	0.0000523	0.0018
2058 Nov	389	0.34	0.453	0.00871	35.8	0.147	181	0.0044	0.000752	0.00000556	0.0109	0.0124	0.218	0.0398	0.0000106	64.5	0.0000524	0.00181
2058 Dec	389	0.34	0.453	0.00871	35.8	0.147	181	0.0044	0.000752	0.00000556	0.0109	0.0124	0.218	0.0398	0.0000106	64.5	0.0000524	0.00181
2059 Jan	389	0.34	0.453	0.00871	35.8	0.147	181	0.0044	0.000752	0.00000556	0.0109	0.0124	0.218	0.0398	0.0000106	64.5	0.0000524	0.00181
2059 Feb	389	0.34	0.453	0.00871	35.8	0.147	181	0.0044	0.000752	0.00000556	0.0109	0.0124	0.218	0.0398	0.0000106	64.6	0.0000524	0.00181
2059 Mar	389	0.34	0.453	0.00871	35.8	0.147	181	0.0044	0.000752	0.00000556	0.0109	0.0124	0.218	0.0398	0.0000106	64.6	0.0000524	0.00181
2059 Apr	390	0.341	0.455	0.00873	35.9	0.148	182	0.00441	0.000754	0.00000557	0.011	0.0124	0.218	0.04	0.0000106	64.7	0.0000526	0.00181
2059 May	393	0.343	0.457	0.00877	36.1	0.149	183	0.00444	0.000763	0.00000563	0.0111	0.0125	0.22	0.0405	0.0000107	65.3	0.000053	0.00183
2059 Jun	381	0.327	0.434	0.00836	34.9	0.144	177	0.00431	0.000754	0.00000552	0.0108	0.0121	0.213	0.04	0.0000104	63.8	0.0000517	0.00178
2059 Jul	406	0.347	0.46	0.00886	37	0.153	189	0.00459	0.000801	0.00000588	0.0115	0.0129	0.226	0.0425	0.0000111	67.9	0.0000549	0.00189
2059 Aug	431	0.361	0.479	0.00923	38.5	0.162	201	0.00493	0.000833	0.00000617	0.012	0.0138	0.239	0.0446	0.0000117	72.3	0.0000577	0.002
2059 Sep	438	0.361	0.478	0.00922	38.5	0.164	206	0.00505	0.000833	0.00000622	0.0121	0.0141	0.243	0.0449	0.0000118	73.6	0.0000583	0.00203
2059 Oct	416	0.341	0.449	0.00868	36.4	0.157	196	0.0048	0.000796	0.00000593	0.0116	0.0134	0.231	0.0428	0.0000113	70.1	0.0000555	0.00193
2059 Nov	415	0.34	0.447	0.00863	36.3	0.156	195	0.00479	0.000795	0.00000592	0.0116	0.0133	0.231	0.0427	0.0000113	69.9	0.0000554	0.00193
2059 Dec	415	0.34	0.447	0.00863	36.3	0.156	195	0.00479	0.000795	0.00000592	0.0116	0.0133	0.231	0.0427	0.0000113	69.9	0.0000554	0.00193
2060 Jan	415	0.34	0.447	0.00864	36.3	0.156	195	0.00479	0.000795	0.00000592	0.0116	0.0133	0.231	0.0427	0.0000113	69.9	0.0000554	0.00193
2060 Feb	415	0.34	0.447	0.00864	36.3	0.156	195	0.00479	0.000795	0.00000592	0.0116	0.0133	0.231	0.0427	0.0000113	69.9	0.0000554	0.00193
2060 Mar	415	0.34	0.447	0.00864	36.3	0.156	195	0.00479	0.000795	0.00000592	0.0116	0.0134	0.231	0.0428	0.0000113	70	0.0000554	0.00193
2060 Apr	417	0.341	0.449	0.00867	36.4	0.157	196	0.00481	0.000798	0.00000595	0.0116	0.0134	0.232	0.0429	0.0000113	70.2	0.0000557	0.00194
2060 May	413	0.336	0.441	0.00853	36.1	0.155	194	0.00476	0.0008	0.00000593	0.0116	0.0133	0.229	0.043	0.0000112	69.8	0.0000553	0.00192
2060 Jun	384	0.307	0.4	0.00776	33.5	0.144	179	0.00443	0.000766	0.00000562	0.0109	0.0123	0.212	0.041	0.0000105	65.6	0.0000517	0.00179
2060 Jul	407	0.322	0.419	0.00814	35.2	0.152	190	0.00473	0.00081	0.00000595	0.0115	0.0131	0.224	0.0433	0.0000111	69.6	0.0000546	0.00189
2060 Aug	421	0.324	0.42	0.00817	35.4	0.157	198	0.00496	0.0008816	0.00000607	0.0117	0.0136	0.231	0.0441	0.0000114	72.2	0.0000557	0.00195
2060 Sep	406	0.307	0.397	0.00773	33.6	0.152	192	0.00478	0.000783	0.00000584	0.0113	0.0132	0.223	0.0425	0.000011	69.7	0.0000537	0.00188
2060 Oct	401	0.302	0.39	0.0076	33.1	0.151	190	0.00471	0.000775	0.00000577	0.0112	0.013	0.221	0.042	0.0000109	68.8	0.0000531	0.00186
2060 Nov	398	0.3	0.387	0.00754	32.9	0.15	188	0.00468	0.000772	0.00000574	0.0111	0.0129	0.22	0.0418	0.0000109	68.4	0.0000528	0.00185
2060 Dec	399	0.3	0.387	0.00754	32.9	0.15	188	0.00468	0.000772	0.00000574	0.0111	0.0129	0.22	0.0418	0.0000109	68.4	0.0000528	0.00185
2061 Jan	399	0.3	0.387	0.00754	32.9	0.15	188	0.00468	0.000772	0.00000574	0.0111	0.0129	0.22	0.0418	0.0000109	68.4	0.0000528	0.00185
2061 Feb	399	0.3	0.387	0.00754	32.9	0.15	188	0.00468	0.000772	0.00000574	0.0111	0.0129	0.22	0.0418	0.0000109	68.4	0.0000528	0.00185
2061 Mar	399	0.3	0.387	0.00754	32.9	0.15	188	0.00468	0.000772	0.00000575	0.0111	0.013	0.22	0.0418	0.0000109	68.4	0.0000528	0.00185
2061 Apr	400	0.301	0.389	0.00757	33.1	0.151	189	0.0047	0.000775	0.00000577	0.0112	0.013	0.221	0.042	0.0000109	68.7	0.000053	0.00186
2061 May	396	0.297	0.381	0.00744	32.8	0.149	187	0.00463	0.000777	0.00000575	0.0111	0.0128	0.219	0.0421	0.0000108	68.2	0.0000527	0.00185
2061 Jun	356	0.262	0.334	0.00654	29.5	0.134	167	0.00416	0.000724	0.00000528	0.0102	0.0115	0.197	0.039	0.00000983	61.9	0.0000479	0.00167
2061 Jul	376	0.272	0.347	0.00681	30.8	0.141	177	0.00442	0.000761	0.00000557	0.0107	0.0122	0.207	0.041	0.0000104	65.5	0.0000504	0.00176
2061 Aug	398	0.282	0.359	0.00704	31.8	0.149	188	0.00471	0.000785	0.00000581	0.0112	0.013	0.219	0.0429	0.0000109	69.3	0.0000529	0.00186
2061 Sep	403	0.282	0.359	0.00704	31.9	0.151	191	0.00476	0.000786	0.00000584	0.0113	0.0132	0.222	0.0432	0.000011	70.1	0.0000535	0.00188
2061 Oct	388	0.27	0.343	0.00673	30.5	0.146	184	0.00458	0.000758	0.00000563	0.0109	0.0127	0.215	0.0417	0.0000106	67.5	0.0000516	0.00182
2061 Nov	384	0.267	0.338	0.00664	30.2	0.145	182	0.00453	0.000751	0.00000558	0.0108	0.0125	0.213	0.0413	0.0000105	66.8	0.0000511	0.0018
2061 Dec	384	0.267	0.338	0.00664	30.2	0.145	182	0.00453	0.000751	0.00000558	0.0108	0.0125	0.213	0.0413	0.0000105	66.8	0.0000512	0.0018
2062 Jan	384	0.267	0.338	0.00664	30.2	0.145	182	0.00453	0.000751	0.00000558	0.0108	0.0125	0.213	0.0413	0.0000105	66.8	0.0000512	0.0018
2062 Feb	385	0.267	0.338	0.00664	30.2	0.145	182	0.00453	0.000752	0.00000558	0.0108	0.0125	0.213	0.0413	0.0000105	66.8	0.0000512	0.0018
2062 Mar	385	0.267	0.339	0.00665	30.2	0.145	183	0.00454	0.000752	0.00000559	0.0108	0.0126	0.213	0.0414	0.0000105	66.9	0.0000512	0.0018
2062 Apr	387	0.268	0.34	0.00667	30.3	0.146	183	0.00455	0.000755	0.00000561	0.0109	0.0126	0.214	0.0415	0.0000106	67.2	0.0000514	0.00181
2062 May	391	0.271	0.344	0.00675	30.7	0.148	185	0.00461	0.000764	0.00000567	0.011	0.0128	0.216	0.042	0.0000107	67.9	0.000052	0.00183
2062 Jun	364	0.249	0.315	0.00622	28.3	0.138	173	0.00431	0.000739	0.00000542	0.0105	0.0119	0.202	0.0393	0.0000101	63.4	0.0000492	0.00171
2062 Jul	355	0.239	0.302	0.00598	27.3	0.135	168	0.00423	0.000738	0.00000538	0.0103	0.0116	0.197	0.0383	0.00000994	61.9	0.0000483	0.00167
2062 Aug	360	0.235	0.297	0.0059	26.9	0.136	171	0.00434	0.000739	0.00000542	0.0104	0.0118	0.199	0.0382	0.00001	62.7	0.0000484	0.00168
2062 Sep	356	0.229	0.288	0.00573	26.2	0.135	170	0.00429	0.000725	0.00000533	0.0102	0.0117	0.197	0.0376	0.00000992	61.9	0.0000479	0.00167
2062 Oct	336	0.215	0.269	0.00536	24.6	0.129	161	0.00404	0.000693	0.00000507	0.00977	0.0111	0.187	0.0356	0.00000942	58.4	0.0000454	0.00158
2062 Nov	336	0.215	0.268	0.00535	24.6	0.129	161	0.00404	0.000694	0.00000508	0.00978	0.0111	0.187	0.0356	0.00000942	58.5	0.0000454	0.00158
2062 Dec	336	0.215	0.268	0.00535	24.6	0.129	161	0.00404	0.000694	0.00000508	0.00978	0.0111	0.187	0.0356	0.00000943	58.5	0.0000455	0.00158
2063 Jan	336	0.215	0.268	0.00535	24.6	0.129	161	0.00404	0.000694	0.00000508	0.00978	0.0111	0.187	0.0356	0.00000943	58.5	0.0000455	0.00158
2063 Feb	336	0.215	0.268	0.00535	24.6	0.129	161	0.00404	0.000694	0.00000508	0.00979	0.0111	0.187	0.0356	0.00000943	58.5	0.0000455	0.00158
2063 Mar	337	0.215	0.268	0.00536	24.6	0.129	161	0.00405	0.000694	0.00000508	0.00979	0.0111	0.188	0.0356	0.00000943	58.5	0.0000455	0.00158
2063 Apr	337	0.215	0.269	0.00537	24.7	0.129	161	0.00406	0.000696	0.00000509	0.00981	0.0111	0.188	0.0357	0.00000945	58.6	0.0000456	0.00158
2063 May	338	0.216	0.269	0.00536	24.8	0.13	161	0.00407	0.000703	0.00000513	0.00986	0.0111	0.188	0.036	0.0000095	58.9	0.0000458	0.00159
2063 Jun	288	0.178	0.218	0.00441	21.2	0.11	136	0.00349	0.000645	0.00000459	0.00867	0.00946	0.159	0.032	0.00000826	51.1	0.0000396	0.00136
2063 Jul	288	0.173	0.212	0.0043	20.8	0.109	136	0.00353	0.000648	0.00000461	0.00866	0.0095	0.157	0.0317	0.00000826	51.2	0.0000394	0.00135
2063 Aug	309	0.179	0.218	0.00444	21.5	0.116	148	0.00385	0.00067	0.00000484	0.00909	0.0103	0.168	0.0332	0.00000876	54.9	0.0000416	0.00144
2063 Sep	312	0.178	0.217	0.00442	21.4	0.118	150	0.0039	0.000672	0.00000488	0.00915	0.0104	0.17	0.0334	0.00000884	55.5	0.0000419	0.00146
2063 Oct	307	0.174	0.212	0.00432	21	0.116	147	0.00383	0.000664	0.00000481	0.00903	0.0102	0.167	0.0328	0.0000087	54.5	0.0000412	0.00143
2063 Nov	306	0.174	0.211	0.00431	20.9	0.116	147	0.00383	0.000665	0.00000481	0.00903	0.0102	0.167	0.0328	0.0000087	54.5	0.0000412	0.00143
2063 Dec	307	0.174	0.211	0.00431	20.9	0.116	147	0.00383	0.000665	0.00000481	0.00903	0.0102	0.167	0.0329	0.00000871	54.5	0.0000413	0.00143

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2064 Jan	307	0.174	0.211	0.00431	20.9	0.116	147	0.00383	0.000665	0.00000481	0.00904	0.0102	0.167	0.0329	0.00000871	54.5	0.0000413	0.00143
2064 Feb	307	0.174	0.211	0.00431	21	0.116	147	0.00383	0.000665	0.00000481	0.00904	0.0102	0.167	0.0329	0.00000871	54.5	0.0000413	0.00143
2064 Mar	307	0.174	0.212	0.00432	21	0.116	147	0.00384	0.000666	0.00000482	0.00905	0.0103	0.168	0.0329	0.00000872	54.6	0.0000413	0.00143
2064 Apr	308	0.175	0.212	0.00433	21	0.117	148	0.00385	0.000668	0.00000483	0.00907	0.0103	0.168	0.033	0.00000874	54.8	0.0000414	0.00144
2064 May	305	0.173	0.209	0.00427	21	0.116	146	0.0038	0.000672	0.00000483	0.00905	0.0102	0.166	0.0332	0.0000087	54.5	0.0000412	0.00143
2064 Jun	275	0.152	0.181	0.00373	19.2	0.104	130	0.00343	0.000638	0.0000045	0.00832	0.00912	0.148	0.0312	0.00000795	49.8	0.0000376	0.00129
2064 Jul	286	0.156	0.184	0.00382	19.7	0.108	136	0.00361	0.000664	0.00000469	0.00862	0.00955	0.154	0.0322	0.00000827	52.1	0.0000388	0.00134
2064 Aug	296	0.156	0.184	0.00383	19.8	0.111	142	0.00377	0.000672	0.0000048	0.00879	0.00995	0.158	0.0329	0.0000085	53.9	0.0000397	0.00138
2064 Sep	293	0.152	0.179	0.00372	19.3	0.11	140	0.00371	0.000661	0.00000473	0.00867	0.00982	0.157	0.0324	0.00000839	53.1	0.0000391	0.00136
2064 Oct	294	0.152	0.179	0.00372	19.3	0.111	141	0.00372	0.000662	0.00000474	0.00871	0.00985	0.158	0.0325	0.00000842	53.3	0.0000393	0.00137
2064 Nov	295	0.152	0.179	0.00373	19.4	0.111	141	0.00373	0.000665	0.00000475	0.00875	0.00989	0.159	0.0327	0.00000846	53.5	0.0000395	0.00138
2064 Dec	295	0.153	0.179	0.00373	19.4	0.111	141	0.00373	0.000665	0.00000475	0.00875	0.00989	0.159	0.0327	0.00000846	53.5	0.0000395	0.00138
2065 Jan	295	0.153	0.179	0.00373	19.4	0.111	141	0.00373	0.000665	0.00000475	0.00875	0.00989	0.159	0.0327	0.00000846	53.5	0.0000395	0.00138
2065 Feb	295	0.153	0.179	0.00373	19.4	0.111	141	0.00373	0.000665	0.00000476	0.00875	0.0099	0.159	0.0327	0.00000846	53.5	0.0000395	0.00138
2065 Mar	296	0.153	0.18	0.00374	19.4	0.112	141	0.00374	0.000666	0.00000476	0.00876	0.00991	0.159	0.0327	0.00000848	53.6	0.0000396	0.00138
2065 Apr	297	0.153	0.18	0.00375	19.5	0.112	142	0.00376	0.000669	0.00000478	0.0088	0.00995	0.16	0.0329	0.00000851	53.8	0.0000397	0.00139
2065 May	298	0.154	0.18	0.00375	19.7	0.113	142	0.00376	0.000676	0.00000482	0.00887	0.00998	0.161	0.0333	0.00000857	54.2	0.0000401	0.00139
2065 Jun	278	0.14	0.162	0.0034	18.4	0.104	132	0.00351	0.000648	0.00000457	0.00835	0.00928	0.149	0.0317	0.00000804	50.9	0.0000376	0.0013
2065 Jul	295	0.145	0.169	0.00354	19.1	0.11	140	0.00376	0.000681	0.00000483	0.0088	0.00989	0.157	0.0333	0.00000849	54	0.0000396	0.00137
2065 Aug	314	0.15	0.174	0.00367	19.8	0.117	150	0.00403	0.000705	0.00000506	0.00921	0.0106	0.167	0.0348	0.00000896	57.5	0.0000416	0.00146
2065 Sep	308	0.145	0.168	0.00353	19.1	0.115	148	0.00396	0.000684	0.00000493	0.00901	0.0104	0.164	0.034	0.00000878	56.3	0.0000407	0.00143
2065 Oct	292	0.137	0.156	0.00329	17.9	0.11	141	0.00373	0.000649	0.00000467	0.00861	0.00986	0.157	0.0322	0.00000834	53.3	0.0000388	0.00136
2065 Nov	291	0.136	0.154	0.00327	17.8	0.11	140	0.00372	0.000647	0.00000466	0.00859	0.00982	0.156	0.0321	0.00000831	53	0.0000386	0.00136
2065 Dec	291	0.136	0.154	0.00327	17.8	0.11	140	0.00372	0.000647	0.00000466	0.00859	0.00982	0.157	0.0321	0.00000832	53	0.0000387	0.00136
2066 Jan	291	0.136	0.154	0.00327	17.8	0.11	140	0.00372	0.000647	0.00000466	0.0086	0.00982	0.157	0.0321	0.00000832	53	0.0000387	0.00136
2066 Feb	291	0.136	0.154	0.00327	17.9	0.11	140	0.00372	0.000647	0.00000466	0.0086	0.00983	0.157	0.0321	0.00000832	53.1	0.0000387	0.00136
2066 Mar	292	0.137	0.155	0.00328	17.9	0.11	141	0.00373	0.000649	0.00000467	0.00862	0.00985	0.157	0.0322	0.00000834	53.2	0.0000388	0.00136
2066 Apr	293	0.137	0.155	0.00329	17.9	0.111	141	0.00374	0.000651	0.00000468	0.00864	0.00988	0.158	0.0323	0.00000836	53.3	0.0000389	0.00137
2066 May	296	0.139	0.157	0.00332	18.1	0.112	142	0.00378	0.000658	0.00000474	0.00874	0.00999	0.159	0.0326	0.00000846	54	0.0000393	0.00138
2066 Jun	272	0.124	0.139	0.00298	16.6	0.102	130	0.0035	0.000631	0.00000448	0.00819	0.00916	0.145	0.0303	0.00000786	49.8	0.0000365	0.00127
2066 Jul	287	0.128	0.143	0.00308	17.2	0.108	138	0.00373	0.000666	0.00000474	0.00863	0.00972	0.153	0.0317	0.00000831	52.7	0.0000384	0.00133
2066 Aug	304	0.133	0.148	0.0032	17.8	0.114	147	0.00399	0.000693	0.00000497	0.00904	0.0104	0.161	0.0331	0.00000875	55.8	0.0000403	0.00141
2066 Sep	307	0.132	0.147	0.00318	17.7	0.115	149	0.00403	0.000692	0.00000498	0.00908	0.0105	0.163	0.0332	0.0000088	56.2	0.0000405	0.00142
2066 Oct	302	0.129	0.143	0.0031	17.3	0.113	147	0.00397	0.000679	0.0000049	0.00895	0.0103	0.16	0.0325	0.00000866	55.3	0.0000399	0.0014
2066 Nov	302	0.129	0.142	0.00308	17.2	0.113	147	0.00398	0.000677	0.00000489	0.00893	0.0103	0.16	0.0324	0.00000865	55.3	0.0000398	0.0014
2066 Dec	302	0.129	0.142	0.00308	17.2	0.113	147	0.00398	0.000677	0.00000489	0.00894	0.0103	0.16	0.0324	0.00000866	55.3	0.0000398	0.0014
2067 Jan	302	0.129	0.142	0.00308	17.2	0.113	147	0.00398	0.000677	0.00000489	0.00894	0.0103	0.161	0.0324	0.00000866	55.3	0.0000398	0.0014
2067 Feb	302	0.129	0.142	0.00308	17.3	0.113	147	0.00398	0.000677	0.00000489	0.00894	0.0103	0.161	0.0325	0.00000866	55.3	0.0000398	0.0014
2067 Mar	303	0.129	0.142	0.00309	17.3	0.113	147	0.00399	0.000678	0.0000049	0.00895	0.0103	0.161	0.0325	0.00000867	55.4	0.0000399	0.0014
2067 Apr	303	0.129	0.143	0.00309	17.3	0.114	147	0.004	0.00068	0.00000491	0.00897	0.0104	0.161	0.0326	0.00000869	55.6	0.00004	0.0014
2067 May	306	0.13	0.143	0.00311	17.5	0.115	148	0.00403	0.00069	0.00000497	0.00907	0.0105	0.162	0.0331	0.00000878	56.2	0.0000404	0.00142
2067 Jun	291	0.122	0.132	0.00289	16.7	0.108	140	0.00385	0.00067	0.00000479	0.00867	0.00994	0.153	0.0319	0.00000837	53.8	0.0000384	0.00134
2067 Jul	310	0.127	0.138	0.00303	17.6	0.115	150	0.00415	0.000707	0.00000509	0.00917	0.0107	0.162	0.0337	0.0000089	57.5	0.0000407	0.00143
2067 Aug	322	0.129	0.14	0.00307	17.9	0.119	157	0.00436	0.000722	0.00000523	0.0094	0.0111	0.168	0.0345	0.00000919	59.8	0.0000417	0.00148
2067 Sep	326	0.129	0.139	0.00307	17.8	0.12	159	0.00442	0.000723	0.00000527	0.00945	0.0113	0.169	0.0347	0.00000927	60.5	0.000042	0.00149
2067 Oct	318	0.125	0.134	0.00295	17.2	0.117	156	0.00433	0.000702	0.00000513	0.00921	0.011	0.165	0.0336	0.00000904	59	0.0000408	0.00145
2067 Nov	318	0.124	0.133	0.00293	17.1	0.117	155	0.00432	0.000699	0.00000511	0.00919	0.011	0.165	0.0335	0.00000901	58.8	0.0000407	0.00145
2067 Dec	318	0.124	0.133	0.00293	17.1	0.117	156	0.00432	0.0007	0.00000511	0.0092	0.011	0.165	0.0335	0.00000902	58.9	0.0000407	0.00145
2068 Jan	318	0.124	0.133	0.00293	17.1	0.117	156	0.00432	0.0007	0.00000511	0.0092	0.011	0.165	0.0335	0.00000902	58.9	0.0000407	0.00145
2068 Feb	318	0.124	0.133	0.00294	17.2	0.117	156	0.00432	0.0007	0.00000512	0.0092	0.011	0.165	0.0335	0.00000902	58.9	0.0000408	0.00145
2068 Mar	319	0.124	0.133	0.00294	17.2	0.117	156	0.00433	0.000701	0.00000513	0.00922	0.011	0.165	0.0336	0.00000904	59	0.0000408	0.00145
2068 Apr	321	0.125	0.134	0.00296	17.3	0.118	157	0.00437	0.000707	0.00000516	0.00929	0.0111	0.167	0.0339	0.00000911	59.5	0.0000411	0.00147
2068 May	322	0.126	0.134	0.00296	17.5	0.118	158	0.00438	0.000714	0.0000052	0.00934	0.0112	0.167	0.0342	0.00000915	59.9	0.0000413	0.00147
2068 Jun	282	0.107	0.111	0.0025	15.5	0.102	137	0.00387	0.00065	0.00000467	0.00827	0.00977	0.144	0.0308	0.00000807	53.1	0.0000363	0.00128
2068 Jul	292	0.108	0.113	0.00254	15.8	0.106	142	0.00405	0.000671	0.00000484	0.00853	0.0102	0.148	0.0317	0.00000836	55.1	0.0000374	0.00133
2068 Aug	312	0.113	0.118	0.00266	16.5	0.112	152	0.00433	0.000703	0.00000511	0.009	0.0109	0.158	0.0334	0.00000886	58.7	0.0000396	0.00141
2068 Sep	313	0.113	0.117	0.00264	16.4	0.113	153	0.00435	0.000701	0.0000051	0.009	0.0109	0.159	0.0333	0.00000888	58.9	0.0000396	0.00142
2068 Oct	314	0.112	0.116	0.00263	16.4	0.113	154	0.00437	0.0007	0.00000511	0.00902	0.011	0.159	0.0334	0.00000889	59	0.0000397	0.00142
2068 Nov	315	0.113	0.116	0.00264	16.4	0.114	154	0.00438	0.000702	0.00000512	0.00905	0.011	0.16	0.0335	0.00000893	59.3	0.0000399	0.00143
2068 Dec	316	0.113	0.116	0.00264	16.4	0.114	155	0.00439	0.000702	0.00000513	0.00906	0.011	0.16	0.0335	0.00000893	59.3	0.0000399	0.00143
2069 Jan	316	0.113	0.116	0.00264	16.4	0.114	155	0.00439	0.000702	0.00000513	0.00906	0.011	0.16	0.0335	0.00000893	59.3	0.0000399	0.00143
2069 Feb	316	0.113	0.116	0.00264	16.4	0.114	155	0.00439	0.000702	0.00000513	0.00906	0.011	0.16	0.0335	0.00000894	59.3	0.0000399	0.00143
2069 Mar	316	0.113	0.116	0.00264	16.4	0.114	155	0.00439	0.000702	0.00000513	0.00906	0.011	0.16	0.0335	0.00000894	59.3	0.0000399	0.00143
2069 Apr	316	0.113	0.117	0.00264	16.5	0.114	155	0.0044	0.000704	0.00000514	0.00908	0.0111	0.16	0.0336	0.00000896	59.5	0.00004	0.00143
2069 May	322	0.115	0.119	0.00269	16.8	0.116	158	0.00448	0.000717	0.00000523	0.00924	0.0113	0.163	0.0342	0.00000912	60.6	0.0000407	0.00146
2069 Jun	303	0.106	0.108	0.00249	15.7	0.109	148	0.00425	0.000694	0.00000502	0.00881	0.0106	0.153	0.0323	0.00000866	57.2	0.0000386	0.00137
2069 Jul	316	0.107	0.11	0.00253	15.9	0.113	155	0.00449	0.000717	0.00000522	0.00911	0.0111	0.158	0.0331	0.000009	59.7	0.0000399	0.00142
2069 Aug	328	0.109	0.111	0.00258	16.2	0.117	162	0.00468	0.000735	0.00000538	0.00937	0.0116	0.163	0.0339	0.0000093	61.9	0.000041	0.00147
2069 Sep	320	0.105	0.107	0.00248	15.7	0.114	158	0.00458	0.000714	0.00000524	0.00912	0.0113	0.16	0.0329	0.00000906	60.4	0.0000399	0.00143
2069 Oct	305	0.0999	0.0997	0.00234	14.8	0.109	151	0.00437	0.000683	0.00000501	0.00875	0.0108	0.152	0.0312	0.00000866	57.5	0.000038	0.00137
2069 Nov	304	0.0996	0.099	0.00232	14.8	0.109	150	0.00436	0.000682	0.000005	0.00873	0.0108	0.152	0.0311	0.00000863	57.3	0.0000379	0.00136

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2069 Dec	304	0.0997	0.099	0.00232	14.8	0.109	150	0.00436	0.000683	0.000005	0.00874	0.0108	0.152	0.0311	0.00000864	57.3	0.0000379	0.00136
2070 Jan	305	0.0997	0.099	0.00232	14.8	0.109	150	0.00436	0.000683	0.000005	0.00874	0.0108	0.152	0.0311	0.00000864	57.3	0.0000379	0.00136
2070 Feb	305	0.0997	0.099	0.00232	14.8	0.109	150	0.00436	0.000683	0.000005	0.00874	0.0108	0.152	0.0311	0.00000864	57.3	0.0000379	0.00136
2070 Mar	305	0.0997	0.0991	0.00232	14.8	0.109	151	0.00437	0.000683	0.000005	0.00874	0.0108	0.152	0.0312	0.00000865	57.4	0.0000379	0.00136
2070 Apr	306	0.1	0.0995	0.00233	14.8	0.11	151	0.00439	0.000686	0.00000503	0.00878	0.0108	0.153	0.0313	0.00000868	57.6	0.0000381	0.00137
2070 May	308	0.101	0.0997	0.00234	15	0.11	152	0.00441	0.000695	0.00000508	0.00886	0.0109	0.153	0.0317	0.00000875	58.1	0.0000384	0.00138
2070 Jun	291	0.095	0.0921	0.00219	14.5	0.104	143	0.00418	0.000679	0.0000049	0.00849	0.0103	0.144	0.0308	0.00000834	55.5	0.0000365	0.0013
2070 Jul	306	0.0984	0.0952	0.00227	15.1	0.108	150	0.00441	0.00071	0.00000514	0.00886	0.0108	0.15	0.0321	0.00000874	58.3	0.0000381	0.00136
2070 Aug	322	0.101	0.0973	0.00233	15.5	0.113	159	0.00468	0.000729	0.00000533	0.00917	0.0114	0.157	0.0332	0.00000911	61.3	0.0000396	0.00143
2070 Sep	315	0.0977	0.0934	0.00224	15	0.111	156	0.00459	0.000709	0.0000052	0.00896	0.0112	0.154	0.0323	0.0000089	59.9	0.0000386	0.0014
2070 Oct	306	0.0953	0.0897	0.00216	14.6	0.108	151	0.00445	0.000693	0.00000507	0.00875	0.0109	0.15	0.0314	0.00000866	58.2	0.0000375	0.00135
2070 Nov	305	0.0952	0.0895	0.00216	14.5	0.108	151	0.00444	0.000692	0.00000506	0.00874	0.0109	0.149	0.0314	0.00000866	58.1	0.0000375	0.00135
2070 Dec	305	0.0952	0.0895	0.00216	14.5	0.108	151	0.00444	0.000692	0.00000506	0.00875	0.0109	0.149	0.0314	0.00000866	58.1	0.0000375	0.00135
2071 Jan	306	0.0952	0.0895	0.00216	14.5	0.108	151	0.00444	0.000692	0.00000506	0.00875	0.0109	0.149	0.0314	0.00000866	58.1	0.0000375	0.00135
2071 Feb	306	0.0952	0.0895	0.00216	14.5	0.108	151	0.00445	0.000692	0.00000506	0.00875	0.0109	0.15	0.0314	0.00000866	58.1	0.0000375	0.00135
2071 Mar	306	0.0952	0.0895	0.00216	14.5	0.108	151	0.00445	0.000692	0.00000506	0.00875	0.0109	0.15	0.0314	0.00000866	58.1	0.0000375	0.00135
2071 Apr	306	0.0954	0.0897	0.00216	14.6	0.109	151	0.00446	0.000694	0.00000507	0.00876	0.0109	0.15	0.0314	0.00000868	58.2	0.0000375	0.00136
2071 May	304	0.0949	0.0886	0.00214	14.6	0.108	150	0.00442	0.000695	0.00000507	0.00873	0.0108	0.148	0.0315	0.00000863	58	0.0000374	0.00135
2071 Jun	280	0.0867	0.079	0.00194	13.8	0.0982	137	0.00408	0.000665	0.00000478	0.00815	0.00991	0.135	0.0298	0.00000801	53.9	0.0000346	0.00124
2071 Jul	288	0.0878	0.0798	0.00197	14	0.101	141	0.00424	0.000683	0.00000492	0.00837	0.0103	0.138	0.0305	0.00000825	55.6	0.0000355	0.00127
2071 Aug	305	0.0904	0.082	0.00203	14.5	0.106	150	0.00452	0.000704	0.00000513	0.0087	0.0109	0.145	0.0317	0.00000864	58.8	0.000037	0.00134
2071 Sep	303	0.0883	0.0796	0.00198	14.1	0.105	149	0.00449	0.000691	0.00000505	0.00857	0.0108	0.144	0.0311	0.00000854	58.2	0.0000364	0.00133
2071 Oct	298	0.087	0.0778	0.00194	13.9	0.104	147	0.00443	0.000681	0.00000498	0.00846	0.0107	0.142	0.0306	0.00000842	57.4	0.0000359	0.00131
2071 Nov	297	0.0868	0.0772	0.00193	13.9	0.103	147	0.00441	0.00068	0.00000497	0.00844	0.0106	0.142	0.0305	0.00000839	57.2	0.0000358	0.0013
2071 Dec	297	0.0868	0.0772	0.00193	13.9	0.103	147	0.00441	0.00068	0.00000497	0.00844	0.0106	0.142	0.0305	0.0000084	57.2	0.0000358	0.0013
2072 Jan	297	0.0869	0.0772	0.00193	13.9	0.103	147	0.00441	0.00068	0.00000497	0.00845	0.0106	0.142	0.0305	0.0000084	57.2	0.0000358	0.0013
2072 Feb	297	0.0869	0.0772	0.00193	13.9	0.103	147	0.00441	0.00068	0.00000497	0.00845	0.0106	0.142	0.0305	0.0000084	57.2	0.0000358	0.0013
2072 Mar	297	0.0869	0.0772	0.00193	13.9	0.103	147	0.00441	0.000681	0.00000497	0.00845	0.0106	0.142	0.0305	0.0000084	57.2	0.0000358	0.0013
2072 Apr	298	0.0871	0.0775	0.00193	13.9	0.104	147	0.00443	0.000683	0.00000499	0.00847	0.0107	0.142	0.0306	0.00000843	57.4	0.0000359	0.00131
2072 May	303	0.0886	0.0788	0.00197	14.1	0.105	150	0.0045	0.000694	0.00000507	0.00861	0.0108	0.144	0.0311	0.00000857	58.3	0.0000365	0.00133
2072 Jun	293	0.0841	0.0745	0.00189	13.6	0.102	144	0.00438	0.00069	0.000005	0.00845	0.0105	0.139	0.03	0.00000836	56.4	0.0000356	0.00128
2072 Jul	299	0.0837	0.0741	0.00189	13.6	0.103	148	0.00451	0.000703	0.0000051	0.00858	0.0107	0.141	0.0302	0.00000852	57.6	0.000036	0.0013
2072 Aug	302	0.0813	0.0716	0.00185	13.3	0.104	150	0.00461	0.000694	0.00000509	0.00851	0.0109	0.142	0.0298	0.00000854	58.2	0.0000357	0.00131
2072 Sep	300	0.0791	0.0692	0.00179	12.9	0.103	150	0.00459	0.000679	0.00000502	0.00837	0.0109	0.141	0.0292	0.00000845	57.7	0.0000351	0.0013
2072 Oct	289	0.0768	0.066	0.00172	12.5	0.1	144	0.00442	0.000661	0.00000486	0.00813	0.0105	0.136	0.0281	0.00000817	55.5	0.0000339	0.00125
2072 Nov	288	0.0767	0.0656	0.00172	12.4	0.0998	143	0.0044	0.00066	0.00000485	0.00811	0.0104	0.135	0.028	0.00000814	55.2	0.0000337	0.00124
2072 Dec	288	0.0767	0.0656	0.00172	12.4	0.0998	143	0.0044	0.00066	0.00000485	0.00811	0.0104	0.135	0.028	0.00000814	55.2	0.0000338	0.00124
2073 Jan	288	0.0767	0.0656	0.00172	12.4	0.0998	143	0.0044	0.00066	0.00000485	0.00811	0.0104	0.135	0.0281	0.00000814	55.2	0.0000338	0.00124
2073 Feb	288	0.0767	0.0656	0.00172	12.4	0.0998	143	0.0044	0.00066	0.00000485	0.00811	0.0104	0.135	0.0281	0.00000814	55.2	0.0000338	0.00124
2073 Mar	288	0.0767	0.0656	0.00172	12.4	0.0999	144	0.0044	0.00066	0.00000485	0.00812	0.0104	0.135	0.0281	0.00000815	55.3	0.0000338	0.00124
2073 Apr	290	0.0772	0.0661	0.00173	12.5	0.101	145	0.00443	0.000665	0.00000489	0.00817	0.0105	0.136	0.0283	0.0000082	55.7	0.000034	0.00125
2073 May	287	0.0771	0.0653	0.00171	12.6	0.0997	143	0.00438	0.00067	0.00000489	0.00817	0.0104	0.135	0.0285	0.00000817	55.4	0.0000339	0.00124
2073 Jun	270	0.0726	0.06	0.0016	12.3	0.0934	133	0.00409	0.000653	0.00000469	0.00781	0.00969	0.126	0.0278	0.00000775	52.4	0.0000323	0.00117
2073 Jul	281	0.0737	0.0609	0.00163	12.5	0.0966	139	0.00428	0.00067	0.00000484	0.00803	0.0101	0.13	0.0285	0.00000801	54.4	0.0000332	0.00121
2073 Aug	296	0.0751	0.0622	0.00167	12.8	0.101	147	0.00453	0.000684	0.00000501	0.00829	0.0107	0.137	0.0294	0.00000835	57.2	0.0000345	0.00127
2073 Sep	295	0.074	0.061	0.00164	12.6	0.101	147	0.00452	0.000674	0.00000496	0.00822	0.0107	0.137	0.0291	0.00000831	57	0.0000343	0.00127
2073 Oct	287	0.0724	0.0588	0.00159	12.2	0.0988	143	0.00439	0.000658	0.00000483	0.00804	0.0104	0.134	0.0284	0.00000809	55.4	0.0000334	0.00124
2073 Nov	286	0.0722	0.0583	0.00158	12.2	0.0984	142	0.00436	0.000656	0.00000481	0.00801	0.0103	0.133	0.0282	0.00000805	55.1	0.0000332	0.00123
2073 Dec	286	0.0722	0.0583	0.00158	12.2	0.0984	142	0.00436	0.000656	0.00000481	0.00801	0.0103	0.133	0.0282	0.00000806	55.1	0.0000333	0.00123
2074 Jan	286	0.0722	0.0583	0.00158	12.2	0.0984	142	0.00436	0.000656	0.00000481	0.00801	0.0103	0.133	0.0282	0.00000806	55.1	0.0000333	0.00123
2074 Feb	286	0.0722	0.0583	0.00158	12.2	0.0984	142	0.00436	0.000656	0.00000481	0.00801	0.0103	0.133	0.0282	0.00000806	55.1	0.0000333	0.00123
2074 Mar	286	0.0723	0.0584	0.00158	12.2	0.0985	142	0.00437	0.000657	0.00000482	0.00802	0.0103	0.133	0.0283	0.00000806	55.1	0.0000333	0.00123
2074 Apr	288	0.0727	0.0587	0.00159	12.3	0.0991	143	0.00439	0.000661	0.00000485	0.00807	0.0104	0.134	0.0284	0.00000811	55.5	0.0000335	0.00124
2074 May	285	0.0724	0.0577	0.00157	12.4	0.098	141	0.00432	0.000665	0.00000484	0.00804	0.0102	0.132	0.0288	0.00000806	55.1	0.0000334	0.00123
2074 Jun	260	0.0662	0.0512	0.00141	11.8	0.089	127	0.00392	0.000627	0.0000045	0.00745	0.0093	0.12	0.0274	0.00000741	50.8	0.0000308	0.00112
2074 Jul	277	0.0685	0.0531	0.00147	12.3	0.0943	136	0.00421	0.000653	0.00000473	0.00782	0.00996	0.127	0.0288	0.00000784	54.1	0.0000325	0.0012
2074 Aug	297	0.0714	0.0556	0.00153	12.8	0.101	146	0.00451	0.000679	0.00000497	0.00824	0.0107	0.137	0.0303	0.00000831	57.8	0.0000345	0.00128
2074 Sep	292	0.0699	0.0539	0.00149	12.5	0.0995	144	0.00441	0.000663	0.00000487	0.0081	0.0105	0.135	0.0298	0.00000817	56.7	0.000034	0.00126
2074 Oct	289	0.0691	0.0527	0.00146	12.3	0.0986	142	0.00434	0.000652	0.00000479	0.00801	0.0104	0.134	0.0293	0.00000805	55.8	0.0000336	0.00124
2074 Nov	289	0.069	0.0526	0.00145	12.2	0.0988	142	0.00433	0.000651	0.00000478	0.00801	0.0104	0.134	0.0294	0.00000806	55.8	0.0000337	0.00125
2074 Dec	289	0.069	0.0526	0.00146	12.2	0.0988	142	0.00433	0.000651	0.00000479	0.00801	0.0104	0.135	0.0294	0.00000806	55.8	0.0000337	0.00125
2075 Jan	289	0.069	0.0526	0.00146	12.2	0.0988	142	0.00433	0.000651	0.00000479	0.00801	0.0104	0.135	0.0294	0.00000806	55.8	0.0000337	0.00125
2075 Feb	289	0.069	0.0526	0.00146	12.2	0.0988	142	0.00433	0.000651	0.00000479	0.00801	0.0104	0.135	0.0294	0.00000806	55.8	0.0000337	0.00125
2075 Mar	289	0.0691	0.0527	0.00146	12.3	0.099	142	0.00434	0.000652	0.00000479	0.00802	0.0104	0.135	0.0294	0.00000807	55.9	0.0000337	0.00125
2075 Apr	291	0.0695	0.0529	0.00146	12.3	0.0995	143	0.00436	0.000655	0.00000482	0.00806	0.0104	0.135	0.0296	0.00000811	56.2	0.0000339	0.00126
2075 May	294	0.0703	0.0535	0.00148	12.5	0.101	144	0.00439	0.000663	0.00000487	0.00816	0.0105	0.137	0.03	0.0000082	56.7	0.0000343	0.00127
2075 Jun	274	0.0638	0.0486	0.00138	11.5	0.0939	135	0.00413	0.000638	0.00000464	0.00776	0.00983	0.128	0.0278	0.00000775	52.9	0.0000325	0.00119
2075 Jul	276	0.0625	0.0477	0.00137	11.4	0.094	136	0.00418	0.000646	0.0000047	0.00782	0.0099	0.128	0.0277	0.0000078	53.1	0.0000327	0.00119
2075 Aug	287	0.0632	0.0483	0.00139	11.5	0.0973	142	0.00438	0.000659	0.00000483	0.00802	0.0103	0.132	0.0283	0.00000806	55.2	0.0000336	0.00123
2075 Sep	292	0.0636	0.0486	0.0014	11.6	0.099	145	0.00447	0.000664	0.00000489	0.00812	0.0105	0.135	0.0285	0.00000818	56.1	0.0000341	0.00125
2075 Oct	290	0.0632	0.0479	0.00139	11.5	0.0984	144	0.00445	0.00066	0.00000486	0.00808	0.0105	0.134	0.0283	0.00000813	55.8	0.0000338	0.00124

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2075 Nov	291	0.0633	0.048	0.00139	11.5	0.0987	144	0.00446	0.000661	0.00000487	0.00809	0.0105	0.134	0.0283	0.00000815	55.9	0.0000339	0.00124
2075 Dec	291	0.0634	0.048	0.00139	11.5	0.0987	144	0.00446	0.000662	0.00000487	0.0081	0.0105	0.134	0.0283	0.00000815	55.9	0.0000339	0.00125
2076 Jan	291	0.0634	0.048	0.00139	11.5	0.0987	144	0.00446	0.000662	0.00000487	0.0081	0.0105	0.134	0.0283	0.00000815	55.9	0.0000339	0.00125
2076 Feb	291	0.0634	0.048	0.00139	11.5	0.0988	144	0.00446	0.000662	0.00000487	0.0081	0.0105	0.134	0.0283	0.00000816	55.9	0.0000339	0.00125
2076 Mar	291	0.0634	0.0481	0.00139	11.5	0.0989	145	0.00447	0.000663	0.00000488	0.00811	0.0105	0.134	0.0284	0.00000817	56	0.000034	0.00125
2076 Apr	292	0.0636	0.0482	0.0014	11.6	0.0992	145	0.00448	0.000665	0.00000489	0.00814	0.0106	0.135	0.0285	0.00000819	56.2	0.0000341	0.00125
2076 May	294	0.0642	0.0484	0.00141	11.7	0.0997	146	0.00451	0.000674	0.00000495	0.00821	0.0106	0.135	0.0289	0.00000826	56.7	0.0000343	0.00126
2076 Jun	272	0.0594	0.0436	0.00129	11.3	0.0912	134	0.00419	0.000646	0.00000468	0.00769	0.00982	0.123	0.0275	0.0000077	53	0.000032	0.00116
2076 Jul	283	0.0601	0.0442	0.00132	11.5	0.094	140	0.0044	0.000662	0.00000483	0.00789	0.0103	0.127	0.0281	0.00000795	55.1	0.0000328	0.0012
2076 Aug	301	0.0618	0.0456	0.00136	11.8	0.0994	150	0.00472	0.000684	0.00000505	0.00824	0.011	0.135	0.0293	0.00000838	58.6	0.0000344	0.00127
2076 Sep	306	0.0623	0.0458	0.00137	11.9	0.101	152	0.00479	0.000689	0.00000511	0.00833	0.0111	0.137	0.0296	0.00000848	59.4	0.0000348	0.00129
2076 Oct	299	0.0613	0.0444	0.00133	11.7	0.0987	148	0.00467	0.000676	0.000005	0.00816	0.0109	0.134	0.0289	0.0000083	58	0.000034	0.00126
2076 Nov	297	0.0611	0.0442	0.00133	11.6	0.0983	148	0.00465	0.000674	0.00000498	0.00814	0.0108	0.133	0.0288	0.00000827	57.8	0.0000339	0.00126
2076 Dec	297	0.0612	0.0442	0.00133	11.6	0.0984	148	0.00465	0.000675	0.00000499	0.00814	0.0108	0.133	0.0288	0.00000827	57.8	0.0000339	0.00126
2077 Jan	297	0.0612	0.0442	0.00133	11.6	0.0984	148	0.00465	0.000675	0.00000499	0.00814	0.0108	0.133	0.0288	0.00000827	57.8	0.0000339	0.00126
2077 Feb	298	0.0612	0.0442	0.00133	11.6	0.0984	148	0.00466	0.000675	0.00000499	0.00815	0.0108	0.133	0.0288	0.00000827	57.8	0.0000339	0.00126
2077 Mar	298	0.0612	0.0442	0.00133	11.6	0.0985	148	0.00466	0.000675	0.00000499	0.00815	0.0108	0.133	0.0288	0.00000828	57.8	0.0000339	0.00126
2077 Apr	299	0.0614	0.0444	0.00133	11.7	0.0988	148	0.00468	0.000677	0.00000501	0.00818	0.0109	0.134	0.0289	0.00000831	58.1	0.0000341	0.00126
2077 May	299	0.0618	0.0444	0.00134	11.8	0.0989	148	0.00468	0.000683	0.00000504	0.00822	0.0109	0.134	0.0292	0.00000833	58.3	0.0000342	0.00126
2077 Jun	277	0.0574	0.0403	0.00123	11.3	0.0908	136	0.00433	0.000653	0.00000475	0.0077	0.01	0.122	0.0278	0.00000777	54.3	0.0000319	0.00117
2077 Jul	292	0.0595	0.0417	0.00128	11.8	0.0954	144	0.0046	0.000684	0.000005	0.00808	0.0106	0.129	0.0291	0.00000818	57.4	0.0000334	0.00123
2077 Aug	312	0.0613	0.043	0.00133	12.2	0.101	155	0.00495	0.000705	0.00000523	0.00843	0.0114	0.137	0.0303	0.00000862	61.2	0.0000351	0.00131
2077 Sep	302	0.059	0.0408	0.00126	11.7	0.098	150	0.00477	0.000678	0.00000503	0.00813	0.011	0.133	0.0292	0.00000832	59	0.0000338	0.00126
2077 Oct	299	0.0589	0.0402	0.00125	11.6	0.0973	148	0.00472	0.000674	0.000005	0.00808	0.0109	0.131	0.0289	0.00000825	58.4	0.0000335	0.00125
2077 Nov	299	0.0591	0.0403	0.00126	11.6	0.0975	148	0.00473	0.000676	0.00000501	0.0081	0.0109	0.132	0.029	0.00000827	58.5	0.0000336	0.00125
2077 Dec	299	0.0591	0.0403	0.00126	11.6	0.0976	148	0.00473	0.000676	0.00000501	0.00811	0.0109	0.132	0.029	0.00000827	58.5	0.0000336	0.00125
2078 Jan	300	0.0591	0.0403	0.00126	11.6	0.0976	148	0.00473	0.000676	0.00000501	0.00811	0.0109	0.132	0.029	0.00000827	58.5	0.0000336	0.00125
2078 Feb	300	0.0591	0.0403	0.00126	11.6	0.0976	149	0.00473	0.000676	0.00000501	0.00811	0.0109	0.132	0.029	0.00000827	58.6	0.0000336	0.00125
2078 Mar	300	0.0591	0.0403	0.00126	11.6	0.0976	149	0.00473	0.000676	0.00000501	0.00811	0.0109	0.132	0.029	0.00000828	58.6	0.0000336	0.00125
2078 Apr	302	0.0595	0.0406	0.00126	11.7	0.0983	150	0.00476	0.000681	0.00000505	0.00816	0.011	0.133	0.0292	0.00000833	59	0.0000339	0.00126
2078 May	294	0.0591	0.0395	0.00124	11.8	0.0957	145	0.00462	0.000681	0.00000499	0.00805	0.0107	0.129	0.0293	0.00000817	57.8	0.0000333	0.00123
2078 Jun	270	0.0552	0.0359	0.00114	11.3	0.0874	132	0.00423	0.000646	0.00000468	0.0075	0.00978	0.117	0.0279	0.00000757	53.6	0.0000309	0.00114
2078 Jul	287	0.0572	0.0372	0.00119	11.8	0.0924	141	0.00453	0.000674	0.00000492	0.00786	0.0104	0.124	0.0293	0.00000799	57	0.0000324	0.0012
2078 Aug	299	0.0576	0.0376	0.0012	11.9	0.0957	147	0.00471	0.000682	0.00000502	0.00802	0.0109	0.129	0.0299	0.00000822	59	0.0000333	0.00124
2078 Sep	302	0.0578	0.0376	0.0012	12	0.0969	149	0.00475	0.000685	0.00000505	0.00808	0.011	0.131	0.0301	0.00000829	59.5	0.0000335	0.00126
2078 Oct	299	0.0573	0.037	0.00119	11.9	0.0962	147	0.0047	0.000677	0.000005	0.00801	0.0109	0.13	0.0298	0.00000822	58.9	0.0000332	0.00125
2078 Nov	299	0.0574	0.0369	0.00118	11.8	0.0962	147	0.0047	0.000677	0.000005	0.00801	0.0109	0.13	0.0298	0.00000821	58.9	0.0000332	0.00125
2078 Dec	299	0.0574	0.037	0.00119	11.9	0.0962	147	0.0047	0.000677	0.000005	0.00801	0.0109	0.13	0.0298	0.00000822	58.9	0.0000332	0.00125
2079 Jan	299	0.0574	0.037	0.00119	11.9	0.0962	147	0.0047	0.000677	0.000005	0.00801	0.0109	0.13	0.0298	0.00000821	58.9	0.0000332	0.00125
2079 Feb	299	0.0574	0.037	0.00119	11.9	0.0962	147	0.0047	0.000677	0.000005	0.00801	0.0109	0.13	0.0298	0.00000822	58.9	0.0000332	0.00125
2079 Mar	299	0.0574	0.037	0.00119	11.9	0.0963	147	0.0047	0.000677	0.000005	0.00802	0.0109	0.13	0.0298	0.00000822	58.9	0.0000333	0.00125
2079 Apr	301	0.0577	0.0371	0.00119	11.9	0.0967	148	0.00472	0.00068	0.00000502	0.00805	0.0109	0.13	0.03	0.00000825	59.2	0.0000334	0.00125
2079 May	305	0.0585	0.0377	0.00121	12.1	0.0981	150	0.00479	0.000691	0.0000051	0.00817	0.0111	0.132	0.0304	0.00000838	60.1	0.0000339	0.00127
2079 Jun	277	0.053	0.0337	0.00111	11.2	0.089	135	0.00435	0.000657	0.00000477	0.00761	0.01	0.119	0.0281	0.00000772	54.7	0.0000314	0.00116
2079 Jul	279	0.0524	0.0334	0.00111	11.2	0.0895	136	0.00441	0.000666	0.00000483	0.00769	0.0101	0.12	0.0282	0.0000078	55.1	0.0000316	0.00116
2079 Aug	294	0.0534	0.0341	0.00114	11.4	0.094	145	0.00468	0.000685	0.00000502	0.00797	0.0107	0.126	0.0291	0.00000816	58	0.0000329	0.00122
2079 Sep	293	0.0526	0.0333	0.00112	11.2	0.0936	144	0.00464	0.000673	0.00000495	0.00789	0.0107	0.126	0.0286	0.00000808	57.4	0.0000326	0.00121
2079 Oct	288	0.0522	0.0326	0.0011	11.1	0.0925	142	0.00457	0.000666	0.00000489	0.0078	0.0105	0.124	0.0282	0.00000797	56.6	0.0000321	0.0012
2079 Nov	287	0.0522	0.0324	0.0011	11	0.0921	141	0.00454	0.000664	0.00000487	0.00777	0.0104	0.123	0.0281	0.00000793	56.2	0.000032	0.00119
2079 Dec	285	0.0521	0.0322	0.0011	11	0.0918	140	0.00452	0.000663	0.00000486	0.00776	0.0104	0.123	0.028	0.00000791	56	0.0000319	0.00118
2080 Jan	285	0.0521	0.0322	0.0011	11	0.0918	140	0.00452	0.000663	0.00000486	0.00776	0.0104	0.123	0.028	0.00000791	56	0.0000319	0.00118
2080 Feb	285	0.0521	0.0322	0.0011	11	0.0918	140	0.00453	0.000663	0.00000486	0.00776	0.0104	0.123	0.028	0.00000791	56	0.0000319	0.00118
2080 Mar	286	0.0521	0.0322	0.0011	11	0.0918	140	0.00453	0.000663	0.00000486	0.00776	0.0104	0.123	0.028	0.00000791	56	0.0000319	0.00118
2080 Apr	286	0.0523	0.0323	0.0011	11	0.092	141	0.00454	0.000664	0.00000487	0.00778	0.0104	0.123	0.028	0.00000793	56.2	0.0000319	0.00119
2080 May	291	0.0532	0.0328	0.00112	11.2	0.0936	143	0.00462	0.000676	0.00000495	0.00791	0.0106	0.125	0.0285	0.00000807	57.1	0.0000325	0.00121
2080 Jun	278	0.05	0.0308	0.00108	10.6	0.0893	136	0.00442	0.000665	0.00000483	0.00769	0.0101	0.119	0.0271	0.00000778	54.4	0.0000314	0.00115
2080 Jul	278	0.0483	0.0298	0.00107	10.4	0.0891	137	0.00449	0.00067	0.00000486	0.0077	0.0102	0.119	0.0266	0.00000781	54.5	0.0000313	0.00115
2080 Aug	287	0.0485	0.0299	0.00108	10.5	0.0915	142	0.00466	0.000684	0.00000499	0.00785	0.0105	0.122	0.027	0.00000802	56.2	0.0000318	0.00118
2080 Sep	285	0.0478	0.0292	0.00107	10.3	0.0912	141	0.00465	0.000677	0.00000496	0.00778	0.0105	0.121	0.0266	0.00000798	55.9	0.0000314	0.00117
2080 Oct	283	0.0475	0.0286	0.00105	10.2	0.0905	140	0.00461	0.000672	0.00000491	0.00772	0.0104	0.12	0.0263	0.0000079	55.3	0.0000311	0.00116
2080 Nov	280	0.0474	0.0282	0.00104	10.1	0.0898	139	0.00456	0.000668	0.00000488	0.00767	0.0103	0.119	0.0261	0.00000784	54.7	0.0000308	0.00114
2080 Dec	280	0.0474	0.0282	0.00104	10.1	0.0898	139	0.00456	0.000668	0.00000488	0.00767	0.0103	0.119	0.0261	0.00000784	54.7	0.0000308	0.00114
2081 Jan	280	0.0474	0.0282	0.00104	10.1	0.0898	139	0.00456	0.000668	0.00000488	0.00767	0.0103	0.119	0.0261	0.00000784	54.7	0.0000308	0.00114
2081 Feb	280	0.0474	0.0282	0.00104	10.1	0.0898	139	0.00456	0.000668	0.00000488	0.00767	0.0103	0.119	0.0261	0.00000784	54.7	0.0000308	0.00114
2081 Mar	280	0.0475	0.0282	0.00104	10.1	0.0898	139	0.00456	0.000669	0.00000488	0.00768	0.0103	0.119	0.0261	0.00000785	54.7	0.0000309	0.00115
2081 Apr	281	0.0476	0.0284	0.00105	10.2	0.0902	139	0.00458	0.000671	0.0000049	0.00771	0.0103	0.119	0.0262	0.00000788	55	0.000031	0.00115
2081 May	280	0.0481	0.0282	0.00105	10.4	0.0895	138	0.00455	0.000679	0.00000492	0.00772	0.0103	0.118	0.0265	0.00000786	54.9	0.0000309	0.00114
2081 Jun	267	0.0465	0.0268	0.00101	10.2	0.085	131	0.00435	0.000663	0.00000477	0.00743	0.00978	0.112	0.0259	0.00000755	52.8	0.0000297	0.00109
2081 Jul	286	0.0489	0.0281	0.00106	10.8	0.0903	141	0.00468	0.000699	0.00000506	0.00786	0.0105	0.119	0.0274	0.00000803	56.5	0.0000314	0.00116
2081 Aug	308	0.0507	0.0291	0.0011	11.2	0.0965	153	0.00509	0.000725	0.00000533	0.00825	0.0114	0.127	0.0287	0.00000854	60.9	0.0000331	0.00125
2081 Sep	309	0.0505	0.0288	0.00109	11.2	0.0968	153	0.0051	0.000721	0.00000532	0.00823	0.0114	0.128	0.0286	0.00000853	60.9	0.000033	0.00125

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2081 Oct	308	0.0505	0.0286	0.00108	11.1	0.0966	153	0.00508	0.000719	0.0000053	0.00822	0.0114	0.127	0.0285	0.0000085	60.7	0.0000329	0.00124
2081 Nov	304	0.0502	0.0282	0.00107	11	0.0955	151	0.00502	0.000712	0.00000524	0.00813	0.0112	0.126	0.0282	0.00000841	59.9	0.0000326	0.00123
2081 Dec	304	0.0502	0.0282	0.00107	11	0.0955	151	0.00501	0.000712	0.00000524	0.00813	0.0112	0.126	0.0282	0.00000841	59.9	0.0000326	0.00123
2082 Jan	304	0.0502	0.0282	0.00107	11	0.0955	151	0.00501	0.000712	0.00000524	0.00813	0.0112	0.126	0.0282	0.00000841	59.9	0.0000326	0.00123
2082 Feb	304	0.0502	0.0282	0.00107	11	0.0955	151	0.00502	0.000712	0.00000524	0.00813	0.0112	0.126	0.0282	0.00000841	59.9	0.0000326	0.00123
2082 Mar	304	0.0502	0.0282	0.00107	11	0.0956	151	0.00502	0.000712	0.00000525	0.00814	0.0112	0.126	0.0282	0.00000841	60	0.0000326	0.00123
2082 Apr	305	0.0504	0.0283	0.00108	11	0.0959	151	0.00504	0.000715	0.00000526	0.00816	0.0113	0.126	0.0283	0.00000844	60.2	0.0000327	0.00123
2082 May	310	0.0511	0.0287	0.00109	11.2	0.0973	154	0.00511	0.000725	0.00000534	0.00829	0.0115	0.128	0.0287	0.00000857	61.1	0.0000332	0.00125
2082 Jun	283	0.046	0.0258	0.00102	10.2	0.0891	140	0.00467	0.000692	0.00000502	0.00778	0.0104	0.117	0.0263	0.00000795	55.6	0.000031	0.00114
2082 Jul	273	0.0436	0.0245	0.000993	9.86	0.0862	135	0.00454	0.000687	0.00000494	0.00765	0.0101	0.113	0.0253	0.00000776	53.8	0.0000302	0.0011
2082 Aug	288	0.0446	0.025	0.00102	10.1	0.09	143	0.00482	0.000709	0.00000514	0.00792	0.0107	0.118	0.0261	0.00000811	56.6	0.0000313	0.00116
2082 Sep	293	0.0448	0.025	0.00103	10.2	0.0913	146	0.00493	0.000713	0.0000052	0.008	0.0109	0.119	0.0263	0.00000822	57.6	0.0000316	0.00117
2082 Oct	283	0.0438	0.0239	0.000989	9.81	0.0885	141	0.00477	0.000691	0.00000504	0.00775	0.0105	0.115	0.0253	0.00000795	55.7	0.0000305	0.00113
2082 Nov	284	0.0439	0.0239	0.000991	9.83	0.0887	141	0.00478	0.000692	0.00000505	0.00777	0.0106	0.116	0.0253	0.00000797	55.8	0.0000306	0.00113
2082 Dec	284	0.0439	0.0239	0.000991	9.83	0.0887	141	0.00478	0.000693	0.00000505	0.00777	0.0106	0.116	0.0253	0.00000797	55.8	0.0000306	0.00114
2083 Jan	284	0.0439	0.0239	0.000991	9.83	0.0887	141	0.00478	0.000693	0.00000505	0.00777	0.0106	0.116	0.0253	0.00000797	55.8	0.0000306	0.00114
2083 Feb	284	0.044	0.0239	0.000992	9.84	0.0888	141	0.00479	0.000693	0.00000505	0.00778	0.0106	0.116	0.0254	0.00000798	55.8	0.0000306	0.00114
2083 Mar	284	0.044	0.0239	0.000992	9.85	0.0888	141	0.00479	0.000694	0.00000506	0.00778	0.0106	0.116	0.0254	0.00000798	55.9	0.0000307	0.00114
2083 Apr	286	0.0442	0.024	0.000997	9.89	0.0892	142	0.00481	0.000696	0.00000508	0.00782	0.0106	0.116	0.0255	0.00000802	56.1	0.0000308	0.00114
2083 May	285	0.0447	0.0241	0.001	10.1	0.0891	141	0.00479	0.000704	0.00000511	0.00786	0.0106	0.116	0.0259	0.00000803	56.2	0.0000309	0.00114
2083 Jun	262	0.0421	0.022	0.000928	9.77	0.0812	129	0.00439	0.000669	0.00000479	0.00733	0.00968	0.105	0.0248	0.00000744	52.1	0.0000287	0.00105
2083 Jul	273	0.0425	0.0222	0.000943	9.94	0.0838	134	0.0046	0.000683	0.00000492	0.00751	0.0101	0.109	0.0253	0.00000768	54.2	0.0000295	0.00109
2083 Aug	282	0.0421	0.0221	0.000945	9.93	0.0864	140	0.00477	0.000685	0.000005	0.00759	0.0105	0.113	0.0256	0.00000786	55.9	0.0000299	0.00112
2083 Sep	280	0.0417	0.0216	0.000926	9.76	0.0861	139	0.00473	0.000673	0.00000493	0.00751	0.0104	0.112	0.0253	0.00000778	55.3	0.0000297	0.00111
2083 Oct	270	0.0413	0.0206	0.000896	9.47	0.0834	133	0.00453	0.000654	0.00000477	0.0073	0.00999	0.108	0.0244	0.00000751	53.2	0.0000287	0.00107
2083 Nov	267	0.0413	0.0204	0.000888	9.4	0.0826	132	0.00447	0.00065	0.00000473	0.00725	0.00987	0.107	0.0242	0.00000744	52.6	0.0000284	0.00106
2083 Dec	267	0.0413	0.0204	0.000888	9.41	0.0827	132	0.00447	0.00065	0.00000473	0.00725	0.00987	0.107	0.0242	0.00000744	52.6	0.0000284	0.00106
2084 Jan	267	0.0413	0.0204	0.000888	9.41	0.0827	132	0.00447	0.00065	0.00000473	0.00725	0.00987	0.107	0.0242	0.00000744	52.6	0.0000284	0.00106
2084 Feb	267	0.0413	0.0204	0.000888	9.41	0.0827	132	0.00448	0.00065	0.00000473	0.00725	0.00988	0.107	0.0242	0.00000744	52.6	0.0000284	0.00106
2084 Mar	267	0.0413	0.0204	0.000889	9.41	0.0828	132	0.00448	0.00065	0.00000473	0.00725	0.00989	0.107	0.0243	0.00000745	52.6	0.0000284	0.00106
2084 Apr	269	0.0416	0.0205	0.000895	9.47	0.0833	133	0.00451	0.000655	0.00000477	0.0073	0.00995	0.108	0.0244	0.0000075	53	0.0000286	0.00107
2084 May	267	0.0424	0.0206	0.0009	9.76	0.0828	131	0.00446	0.000664	0.00000479	0.00734	0.00986	0.107	0.0249	0.0000075	52.9	0.0000287	0.00107
2084 Jun	246	0.0405	0.0192	0.000842	9.48	0.0759	119	0.00408	0.000633	0.0000045	0.00687	0.009	0.0978	0.0239	0.00000696	49.1	0.0000268	0.000982
2084 Jul	258	0.0416	0.0196	0.000867	9.78	0.079	125	0.0043	0.000654	0.00000468	0.00712	0.00947	0.102	0.0248	0.00000725	51.4	0.0000277	0.00102
2084 Aug	272	0.0423	0.02	0.000883	9.98	0.0829	133	0.00455	0.000665	0.00000482	0.00733	0.01	0.107	0.0255	0.00000755	54.1	0.0000287	0.00108
2084 Sep	272	0.042	0.0197	0.000873	9.88	0.083	133	0.00454	0.000658	0.00000479	0.00728	0.01	0.108	0.0254	0.00000751	53.9	0.0000286	0.00108
2084 Oct	265	0.0418	0.0192	0.000855	9.71	0.0814	130	0.00442	0.000647	0.00000469	0.00716	0.00976	0.105	0.0248	0.00000736	52.6	0.000028	0.00105
2084 Nov	263	0.0418	0.019	0.00085	9.66	0.0808	129	0.00438	0.000644	0.00000466	0.00712	0.00967	0.104	0.0247	0.0000073	52.2	0.0000278	0.00104
2084 Dec	263	0.0418	0.019	0.00085	9.66	0.0809	129	0.00438	0.000644	0.00000466	0.00713	0.00968	0.105	0.0247	0.00000731	52.2	0.0000278	0.00104
2085 Jan	263	0.0418	0.019	0.00085	9.66	0.0809	129	0.00438	0.000644	0.00000466	0.00713	0.00968	0.105	0.0247	0.00000731	52.2	0.0000278	0.00104
2085 Feb	263	0.0418	0.019	0.00085	9.66	0.0809	129	0.00438	0.000644	0.00000466	0.00713	0.00968	0.105	0.0247	0.00000731	52.2	0.0000278	0.00104
2085 Mar	263	0.0419	0.019	0.00085	9.67	0.0809	129	0.00438	0.000644	0.00000467	0.00713	0.00968	0.105	0.0247	0.00000731	52.2	0.0000278	0.00104
2085 Apr	264	0.042	0.0191	0.000853	9.7	0.0812	129	0.0044	0.000646	0.00000468	0.00715	0.00972	0.105	0.0248	0.00000734	52.4	0.0000279	0.00105
2085 May	263	0.0426	0.0191	0.000857	9.91	0.0807	128	0.00435	0.000653	0.0000047	0.00717	0.00963	0.104	0.0252	0.00000733	52.3	0.000028	0.00104
2085 Jun	255	0.0423	0.0187	0.00084	9.96	0.0781	123	0.00421	0.000647	0.00000461	0.00703	0.0093	0.101	0.0251	0.00000714	51	0.0000274	0.00101
2085 Jul	271	0.0439	0.0194	0.000872	10.4	0.0824	131	0.00449	0.000672	0.00000484	0.00735	0.00992	0.106	0.0263	0.00000752	54.1	0.0000287	0.00107
2085 Aug	276	0.043	0.019	0.000857	10.2	0.0838	135	0.00458	0.000661	0.00000482	0.00731	0.0101	0.109	0.0262	0.00000757	54.9	0.0000287	0.00109
2085 Sep	270	0.0423	0.0184	0.000834	9.95	0.0825	132	0.00446	0.000644	0.0000047	0.00715	0.00989	0.107	0.0256	0.0000074	53.6	0.000028	0.00107
2085 Oct	264	0.042	0.0179	0.000816	9.76	0.081	128	0.00435	0.000632	0.0000046	0.00702	0.00965	0.105	0.025	0.00000725	52.3	0.0000275	0.00104
2085 Nov	261	0.0419	0.0176	0.000808	9.67	0.0802	127	0.00429	0.000627	0.00000456	0.00696	0.00952	0.103	0.0248	0.00000717	51.6	0.0000272	0.00103
2085 Dec	261	0.0419	0.0176	0.000808	9.67	0.0802	127	0.00429	0.000627	0.00000456	0.00697	0.00952	0.103	0.0248	0.00000717	51.6	0.0000272	0.00103
2086 Jan	261	0.0419	0.0176	0.000808	9.67	0.0802	127	0.00429	0.000627	0.00000456	0.00697	0.00952	0.103	0.0248	0.00000717	51.6	0.0000272	0.00103
2086 Feb	261	0.0419	0.0176	0.000808	9.67	0.0802	127	0.00429	0.000627	0.00000456	0.00697	0.00953	0.103	0.0248	0.00000717	51.6	0.0000272	0.00103
2086 Mar	261	0.0419	0.0176	0.000809	9.68	0.0802	127	0.00429	0.000628	0.00000456	0.00697	0.00953	0.104	0.0248	0.00000717	51.6	0.0000272	0.00103
2086 Apr	263	0.0421	0.0177	0.000812	9.72	0.0806	127	0.00431	0.000631	0.00000458	0.007	0.00958	0.104	0.0249	0.00000721	51.9	0.0000273	0.00104
2086 May	266	0.0429	0.018	0.000824	9.92	0.0816	129	0.00436	0.000641	0.00000465	0.0071	0.00968	0.105	0.0253	0.0000073	52.5	0.0000277	0.00105
2086 Jun	244	0.0407	0.0168	0.000782	9.6	0.0749	117	0.00398	0.000619	0.0000044	0.00671	0.00883	0.0961	0.0242	0.00000681	48.6	0.000026	0.000968
2086 Jul	255	0.0413	0.0171	0.000806	9.83	0.0778	123	0.00419	0.000641	0.00000458	0.00696	0.00926	0.0998	0.0249	0.0000071	50.8	0.000027	0.00101
2086 Aug	266	0.0413	0.0171	0.000814	9.89	0.0809	129	0.00439	0.000648	0.00000469	0.00711	0.00971	0.104	0.0253	0.00000732	52.8	0.0000277	0.00105
2086 Sep	265	0.0408	0.0168	0.000802	9.72	0.0807	128	0.00435	0.00064	0.00000464	0.00704	0.00964	0.104	0.025	0.00000727	52.2	0.0000274	0.00104
2086 Oct	264	0.0409	0.0166	0.000799	9.69	0.0806	127	0.00433	0.000638	0.00000462	0.00703	0.00959	0.104	0.0249	0.00000724	52	0.0000274	0.00104
2086 Nov	264	0.041	0.0167	0.000802	9.72	0.0808	128	0.00434	0.00064	0.00000463	0.00705	0.00961	0.104	0.025	0.00000726	52.1	0.0000274	0.00104
2086 Dec	264	0.041	0.0167	0.000802	9.72	0.0808	128	0.00434	0.00064	0.00000463	0.00705	0.00961	0.104	0.025	0.00000726	52.1	0.0000275	0.00104
2087 Jan	264	0.041	0.0167	0.000802	9.72	0.0808	128	0.00434	0.00064	0.00000463	0.00705	0.00961	0.104	0.025	0.00000726	52.1	0.0000275	0.00104
2087 Feb	265	0.041	0.0167	0.000802	9.72	0.0809	128	0.00434	0.00064	0.00000464	0.00706	0.00962	0.104	0.025	0.00000727	52.1	0.0000275	0.00104
2087 Mar	265	0.041	0.0167	0.000803	9.73	0.081	128	0.00435	0.000641	0.00000464	0.00706	0.00963	0.104	0.025	0.00000727	52.2	0.0000275	0.00104
2087 Apr	266	0.0411	0.0167	0.000805	9.75	0.0812	128	0.00436	0.000643	0.00000465	0.00708	0.00965	0.105	0.0251	0.00000729	52.3	0.0000276	0.00104
2087 May	265	0.0414	0.0168	0.000807	9.86	0.0809	128	0.00434	0.000646	0.00000466	0.00709	0.00962	0.104	0.0253	0.00000729	52.3	0.0000276	0.00104
2087 Jun	252	0.0405	0.0163	0.000784	9.81	0.0769	121	0.00411	0.000634	0.00000452	0.00686	0.00911	0.0987	0.0249	0.000007	50.2	0.0000266	0.000996
2087 Jul	262	0.0413	0.0167	0.000806	10.1	0.0795	126	0.00429	0.000654	0.00000468	0.00707	0.00948	0.102	0.0256	0.00000725	52.1	0.0000274	0.00103
2087 Aug	278	0.0421	0.0171	0.000826	10.3	0.0838	134	0.00458	0.00067	0.00000486	0.00732	0.0101	0.108	0.0265	0.00000759	55.1	0.0000285	0.00109

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2087 Sep	285	0.0426	0.0172	0.000832	10.4	0.0856	138	0.00469	0.000675	0.00000492	0.00742	0.0104	0.11	0.0268	0.00000773	56.3	0.000029	0.00111
2087 Oct	282	0.0425	0.0169	0.000826	10.3	0.085	136	0.00464	0.000671	0.00000488	0.00737	0.0103	0.109	0.0266	0.00000766	55.7	0.0000287	0.0011
2087 Nov	281	0.0426	0.0169	0.000823	10.3	0.0847	135	0.00462	0.000669	0.00000487	0.00735	0.0102	0.109	0.0265	0.00000763	55.5	0.0000286	0.0011
2087 Dec	281	0.0426	0.0169	0.000823	10.3	0.0847	135	0.00462	0.000669	0.00000487	0.00735	0.0102	0.109	0.0265	0.00000764	55.5	0.0000286	0.0011
2088 Jan	281	0.0426	0.0169	0.000824	10.3	0.0847	136	0.00462	0.000669	0.00000487	0.00735	0.0102	0.109	0.0265	0.00000764	55.5	0.0000286	0.0011
2088 Feb	281	0.0426	0.0169	0.000824	10.3	0.0847	136	0.00462	0.000669	0.00000487	0.00735	0.0102	0.109	0.0265	0.00000764	55.5	0.0000286	0.0011
2088 Mar	281	0.0426	0.0169	0.000824	10.3	0.0848	136	0.00463	0.00067	0.00000488	0.00736	0.0102	0.109	0.0266	0.00000765	55.6	0.0000287	0.0011
2088 Apr	284	0.043	0.017	0.000832	10.4	0.0856	137	0.00467	0.000676	0.00000492	0.00743	0.0103	0.11	0.0268	0.00000772	56.1	0.0000289	0.00111
2088 May	289	0.0439	0.0174	0.000849	10.6	0.0873	140	0.00476	0.00069	0.00000502	0.00758	0.0105	0.112	0.0274	0.00000787	57.2	0.0000295	0.00113
2088 Jun	276	0.0417	0.0165	0.000829	10.2	0.0832	133	0.00454	0.000681	0.00000489	0.00738	0.01	0.107	0.0262	0.00000759	54.5	0.0000286	0.00108
2088 Jul	286	0.0426	0.0169	0.000858	10.5	0.0862	138	0.00474	0.000708	0.00000509	0.00766	0.0104	0.111	0.027	0.00000789	56.6	0.0000297	0.00112
2088 Aug	308	0.0443	0.0177	0.000898	11	0.0921	149	0.00513	0.00074	0.00000538	0.00808	0.0113	0.118	0.0284	0.0000084	60.7	0.0000314	0.0012
2088 Sep	312	0.0447	0.0178	0.000906	11	0.0934	151	0.0052	0.000747	0.00000544	0.00817	0.0114	0.12	0.0286	0.0000085	61.5	0.0000318	0.00121
2088 Oct	300	0.0438	0.0169	0.000874	10.7	0.0901	145	0.005	0.000723	0.00000525	0.00791	0.011	0.116	0.0275	0.00000819	59	0.0000306	0.00116
2088 Nov	298	0.0438	0.0168	0.000869	10.6	0.0895	144	0.00496	0.00072	0.00000522	0.00787	0.0109	0.115	0.0273	0.00000814	58.6	0.0000304	0.00115
2088 Dec	298	0.0438	0.0168	0.00087	10.6	0.0896	144	0.00496	0.00072	0.00000523	0.00787	0.0109	0.115	0.0273	0.00000814	58.6	0.0000304	0.00116
2089 Jan	298	0.0438	0.0168	0.00087	10.6	0.0896	144	0.00496	0.00072	0.00000523	0.00787	0.0109	0.115	0.0273	0.00000814	58.6	0.0000304	0.00116
2089 Feb	298	0.0438	0.0168	0.00087	10.6	0.0896	144	0.00496	0.00072	0.00000523	0.00787	0.0109	0.115	0.0273	0.00000815	58.7	0.0000304	0.00116
2089 Mar	298	0.0439	0.0168	0.000871	10.6	0.0897	144	0.00497	0.000721	0.00000523	0.00789	0.0109	0.115	0.0274	0.00000816	58.7	0.0000304	0.00116
2089 Apr	300	0.0441	0.0169	0.000876	10.7	0.0902	145	0.005	0.000725	0.00000526	0.00793	0.011	0.116	0.0275	0.0000082	59.1	0.0000306	0.00116
2089 May	300	0.0447	0.017	0.000881	10.9	0.09	145	0.00498	0.000731	0.00000529	0.00796	0.0109	0.115	0.0278	0.00000821	59.1	0.0000307	0.00116
2089 Jun	289	0.0443	0.0167	0.000864	10.9	0.0864	139	0.0048	0.000724	0.00000518	0.00777	0.0105	0.11	0.0276	0.00000798	57.5	0.0000298	0.00112
2089 Jul	302	0.0452	0.017	0.000886	11.2	0.0897	145	0.00504	0.000744	0.00000536	0.00801	0.011	0.114	0.0284	0.00000827	60	0.0000308	0.00117
2089 Aug	315	0.0459	0.0173	0.000905	11.4	0.0932	152	0.00528	0.00076	0.00000552	0.00822	0.0115	0.119	0.0292	0.00000857	62.5	0.0000317	0.00121
2089 Sep	316	0.0459	0.0172	0.0009	11.4	0.0936	153	0.0053	0.000756	0.00000551	0.00822	0.0116	0.12	0.0291	0.00000857	62.6	0.0000317	0.00122
2089 Oct	301	0.0447	0.0162	0.000857	10.8	0.0895	145	0.00503	0.000722	0.00000526	0.00786	0.011	0.114	0.0277	0.00000817	59.5	0.0000302	0.00116
2089 Nov	300	0.0447	0.0161	0.000854	10.8	0.0893	145	0.00502	0.00072	0.00000524	0.00785	0.011	0.114	0.0276	0.00000815	59.3	0.0000301	0.00116
2089 Dec	300	0.0447	0.0161	0.000855	10.8	0.0894	145	0.00502	0.000721	0.00000525	0.00785	0.011	0.114	0.0276	0.00000815	59.4	0.0000301	0.00116
2090 Jan	300	0.0448	0.0161	0.000855	10.8	0.0894	145	0.00502	0.000721	0.00000525	0.00785	0.011	0.114	0.0276	0.00000816	59.4	0.0000301	0.00116
2090 Feb	301	0.0448	0.0161	0.000855	10.8	0.0894	145	0.00502	0.000721	0.00000525	0.00786	0.011	0.114	0.0276	0.00000816	59.4	0.0000301	0.00116
2090 Mar	301	0.0448	0.0161	0.000856	10.8	0.0895	145	0.00503	0.000722	0.00000525	0.00786	0.011	0.114	0.0277	0.00000817	59.5	0.0000302	0.00116
2090 Apr	302	0.045	0.0162	0.000859	10.9	0.0898	146	0.00505	0.000724	0.00000527	0.00789	0.011	0.114	0.0278	0.00000819	59.7	0.0000303	0.00116
2090 May	305	0.0455	0.0163	0.000867	11	0.0907	147	0.00509	0.000732	0.00000532	0.00797	0.0111	0.116	0.0281	0.00000827	60.2	0.0000306	0.00117
2090 Jun	276	0.0425	0.0151	0.000806	10.4	0.082	132	0.00456	0.000688	0.00000492	0.00738	0.00998	0.104	0.0264	0.00000757	54.7	0.0000282	0.00107
2090 Jul	286	0.0431	0.0154	0.000826	10.6	0.0845	137	0.00475	0.000707	0.00000508	0.00759	0.0104	0.107	0.027	0.00000782	56.7	0.0000291	0.0011
2090 Aug	283	0.0415	0.0147	0.000801	10.3	0.0837	135	0.0047	0.000687	0.00000497	0.00741	0.0103	0.106	0.0263	0.00000768	55.8	0.0000284	0.00108
2090 Sep	273	0.0405	0.014	0.000774	9.91	0.0813	131	0.00453	0.000665	0.00000481	0.00718	0.00991	0.103	0.0253	0.00000744	53.8	0.0000274	0.00105
2090 Oct	260	0.0401	0.0132	0.000742	9.51	0.0779	124	0.00431	0.000641	0.00000461	0.00691	0.00941	0.0983	0.0241	0.00000711	51.1	0.0000261	0.000997
2090 Nov	257	0.0399	0.013	0.000733	9.4	0.077	123	0.00425	0.000634	0.00000455	0.00684	0.00928	0.097	0.0238	0.00000702	50.4	0.0000258	0.000983
2090 Dec	257	0.0399	0.013	0.000734	9.4	0.077	123	0.00425	0.000634	0.00000455	0.00684	0.00929	0.097	0.0238	0.00000702	50.5	0.0000258	0.000984
2091 Jan	257	0.0399	0.013	0.000734	9.4	0.077	123	0.00425	0.000634	0.00000455	0.00684	0.00929	0.097	0.0238	0.00000702	50.5	0.0000258	0.000984
2091 Feb	257	0.0399	0.013	0.000734	9.4	0.077	123	0.00425	0.000634	0.00000455	0.00684	0.00929	0.097	0.0238	0.00000702	50.5	0.0000258	0.000984
2091 Mar	257	0.04	0.013	0.000735	9.42	0.0772	123	0.00426	0.000635	0.00000456	0.00685	0.0093	0.0972	0.0238	0.00000703	50.6	0.0000258	0.000986
2091 Apr	259	0.0402	0.0131	0.00074	9.48	0.0777	124	0.00429	0.000639	0.00000459	0.0069	0.00937	0.0979	0.024	0.00000708	50.9	0.000026	0.000992
2091 May	262	0.041	0.0133	0.000751	9.69	0.0785	125	0.00433	0.00065	0.00000466	0.00699	0.00946	0.0987	0.0245	0.00000717	51.6	0.0000264	0.001
2091 Jun	246	0.0402	0.0129	0.000727	9.67	0.0733	116	0.00408	0.000636	0.00000449	0.00671	0.00887	0.0916	0.024	0.00000682	49.1	0.0000251	0.000945
2091 Jul	263	0.0419	0.0134	0.000761	10.1	0.0777	125	0.00439	0.000666	0.00000475	0.00706	0.00953	0.0972	0.0252	0.00000723	52.4	0.0000265	0.001
2091 Aug	268	0.0414	0.0132	0.000753	10	0.0788	128	0.00448	0.000661	0.00000475	0.00704	0.00973	0.0987	0.025	0.00000728	53.2	0.0000264	0.00102
2091 Sep	266	0.041	0.0129	0.000745	9.89	0.0784	127	0.00445	0.000654	0.00000471	0.00697	0.00965	0.0982	0.0247	0.00000722	52.7	0.0000261	0.00101
2091 Oct	259	0.0405	0.0125	0.000727	9.65	0.0767	124	0.00433	0.00064	0.0000046	0.00682	0.00939	0.0958	0.0241	0.00000705	51.3	0.0000255	0.000984
2091 Nov	253	0.0403	0.0122	0.000714	9.49	0.0752	121	0.00423	0.00063	0.00000452	0.00671	0.00918	0.0937	0.0236	0.00000691	50.1	0.000025	0.000962
2091 Dec	253	0.0403	0.0122	0.000715	9.49	0.0752	121	0.00423	0.00063	0.00000452	0.00671	0.00918	0.0937	0.0236	0.00000691	50.1	0.000025	0.000962
2092 Jan	253	0.0403	0.0122	0.000715	9.49	0.0752	121	0.00423	0.00063	0.00000452	0.00671	0.00917	0.0937	0.0236	0.00000691	50.1	0.000025	0.000962
2092 Feb	253	0.0403	0.0122	0.000715	9.49	0.0752	121	0.00423	0.00063	0.00000452	0.00672	0.00918	0.0938	0.0236	0.00000691	50.1	0.000025	0.000962
2092 Mar	254	0.0404	0.0122	0.000716	9.51	0.0754	121	0.00424	0.000631	0.00000453	0.00673	0.0092	0.094	0.0237	0.00000692	50.2	0.000025	0.000964
2092 Apr	255	0.0406	0.0123	0.00072	9.56	0.0758	122	0.00426	0.000635	0.00000455	0.00677	0.00925	0.0945	0.0238	0.00000696	50.5	0.0000252	0.00097
2092 May	257	0.0412	0.0125	0.000728	9.75	0.0763	122	0.00428	0.000643	0.0000046	0.00683	0.0093	0.095	0.0242	0.00000702	51	0.0000254	0.000977
2092 Jun	228	0.038	0.0116	0.00067	9.24	0.0672	107	0.00378	0.000599	0.0000042	0.00622	0.00819	0.0833	0.0226	0.00000632	45.7	0.0000231	0.00087
2092 Jul	233	0.0375	0.0115	0.000674	9.21	0.0681	109	0.00387	0.000604	0.00000426	0.00629	0.00837	0.0845	0.0227	0.00000641	46.5	0.0000234	0.000883
2092 Aug	246	0.0386	0.0118	0.000696	9.5	0.0716	116	0.00409	0.000624	0.00000443	0.00654	0.00885	0.0893	0.0235	0.00000671	48.9	0.0000244	0.00093
2092 Sep	247	0.0385	0.0117	0.000695	9.47	0.072	116	0.0041	0.000623	0.00000443	0.00655	0.00888	0.0898	0.0235	0.00000673	49	0.0000245	0.000933
2092 Oct	245	0.0383	0.0116	0.000688	9.37	0.0717	116	0.00407	0.000617	0.0000044	0.00651	0.00882	0.0894	0.0233	0.00000668	48.6	0.0000243	0.000928
2092 Nov	245	0.0384	0.0116	0.000687	9.36	0.0716	115	0.00406	0.000617	0.00000439	0.0065	0.0088	0.0894	0.0233	0.00000667	48.5	0.0000243	0.000927
2092 Dec	245	0.0384	0.0116	0.000688	9.37	0.0717	116	0.00407	0.000617	0.00000439	0.00651	0.00881	0.0895	0.0233	0.00000668	48.5	0.0000243	0.000927
2093 Jan	245	0.0384	0.0116	0.000688	9.37	0.0717	116	0.00407	0.000617	0.00000439	0.00651	0.00881	0.0895	0.0233	0.00000668	48.6	0.0000243	0.000927
2093 Feb	245	0.0384	0.0116	0.000688	9.37	0.0717	116	0.00407	0.000617	0.0000044	0.00651	0.00881	0.0895	0.0233	0.00000668	48.6	0.0000243	0.000928
2093 Mar	246	0.0385	0.0116	0.00069	9.4	0.0719	116	0.00408	0.000619	0.00000441	0.00653	0.00884	0.0898	0.0234	0.0000067	48.7	0.0000244	0.000931
2093 Apr	247	0.0387	0.0117	0.000694	9.45	0.0724	117	0.0041	0.000623	0.00000443	0.00657	0.00889	0.0903	0.0235	0.00000674	49	0.0000245	0.000936
2093 May	250	0.0394	0.0119	0.000703	9.64	0.0731	118	0.00415	0.000631	0.00000449	0.00665	0.00899	0.0912	0.0239	0.00000682	49.6	0.0000248	0.000947
2093 Jun	237	0.0378	0.0115	0.000675	9.45	0.0686	111	0.00393	0.00061	0.00000431	0.00635	0.0085	0.0855	0.0233	0.00000649	47.4	0.0000237	0.000898
2093 Jul	251	0.0388	0.0119	0.000699	9.77	0.0721	118	0.0042	0.000633	0.00000451	0.00661	0.00906	0.09	0.0241	0.00000682	50.2	0.0000248	0.000947

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2093 Aug	264	0.0395	0.0121	0.000718	10	0.0753	125	0.00444	0.00065	0.00000467	0.00683	0.00956	0.0942	0.0249	0.0000071	52.7	0.0000256	0.000991
2093 Sep	266	0.0395	0.012	0.000714	9.96	0.0758	126	0.00448	0.000647	0.00000467	0.00682	0.00965	0.0949	0.0248	0.00000712	53	0.0000256	0.000996
2093 Oct	255	0.0387	0.0113	0.000683	9.52	0.0729	121	0.0043	0.00062	0.00000448	0.00656	0.00925	0.091	0.0236	0.00000683	50.7	0.0000245	0.000953
2093 Nov	252	0.0387	0.0111	0.000676	9.42	0.0722	119	0.00424	0.000614	0.00000443	0.00651	0.00913	0.0898	0.0233	0.00000675	50	0.0000242	0.00094
2093 Dec	252	0.0387	0.0111	0.000677	9.43	0.0722	119	0.00424	0.000614	0.00000444	0.00651	0.00913	0.0899	0.0233	0.00000675	50.1	0.0000242	0.000941
2094 Jan	252	0.0387	0.0111	0.000677	9.43	0.0722	120	0.00424	0.000615	0.00000444	0.00651	0.00913	0.0899	0.0233	0.00000676	50.1	0.0000242	0.000941
2094 Feb	252	0.0388	0.0111	0.000677	9.43	0.0722	120	0.00424	0.000615	0.00000444	0.00651	0.00913	0.0899	0.0233	0.00000676	50.1	0.0000242	0.000941
2094 Mar	253	0.0388	0.0111	0.000678	9.44	0.0723	120	0.00425	0.000615	0.00000444	0.00652	0.00915	0.0901	0.0234	0.00000677	50.2	0.0000243	0.000943
2094 Apr	254	0.039	0.0112	0.000681	9.48	0.0726	120	0.00427	0.000618	0.00000446	0.00655	0.00919	0.0904	0.0235	0.00000679	50.4	0.0000244	0.000947
2094 May	252	0.0392	0.0113	0.00068	9.58	0.0721	119	0.00424	0.000619	0.00000446	0.00653	0.00913	0.0897	0.0236	0.00000677	50.3	0.0000243	0.000943
2094 Jun	250	0.0394	0.0114	0.000678	9.74	0.0707	117	0.00419	0.00062	0.00000444	0.00649	0.00901	0.0878	0.0239	0.00000671	50	0.0000241	0.000932
2094 Jul	272	0.0414	0.0119	0.000714	10.3	0.0762	129	0.00462	0.000653	0.00000474	0.00689	0.00989	0.0949	0.0253	0.00000721	54.5	0.0000257	0.00101
2094 Aug	291	0.0436	0.0126	0.000753	10.8	0.0813	139	0.00495	0.000688	0.00000503	0.00729	0.0106	0.101	0.0267	0.00000767	58.2	0.0000273	0.00108
2094 Sep	292	0.0436	0.0124	0.000747	10.8	0.0816	139	0.00498	0.000683	0.00000502	0.00727	0.0107	0.102	0.0266	0.00000767	58.4	0.0000272	0.00108
2094 Oct	286	0.0429	0.0119	0.000723	10.4	0.0799	137	0.00488	0.000662	0.00000488	0.00709	0.0105	0.0997	0.0258	0.00000749	57.1	0.0000265	0.00105
2094 Nov	278	0.0424	0.0115	0.000704	10.2	0.0779	133	0.00474	0.000645	0.00000475	0.00692	0.0102	0.0969	0.025	0.00000728	55.4	0.0000258	0.00102
2094 Dec	278	0.0424	0.0114	0.000703	10.1	0.0778	132	0.00473	0.000644	0.00000474	0.00691	0.0101	0.0967	0.025	0.00000727	55.3	0.0000257	0.00102
2095 Jan	278	0.0424	0.0114	0.000703	10.1	0.0778	132	0.00473	0.000644	0.00000474	0.00691	0.0101	0.0967	0.025	0.00000727	55.3	0.0000257	0.00102
2095 Feb	278	0.0424	0.0114	0.000703	10.1	0.0778	132	0.00473	0.000644	0.00000474	0.00692	0.0101	0.0968	0.025	0.00000727	55.3	0.0000257	0.00102
2095 Mar	278	0.0424	0.0115	0.000704	10.1	0.0779	133	0.00474	0.000645	0.00000475	0.00692	0.0101	0.0969	0.025	0.00000728	55.3	0.0000257	0.00102
2095 Apr	279	0.0427	0.0115	0.000707	10.2	0.0783	133	0.00476	0.000648	0.00000477	0.00696	0.0102	0.0974	0.0251	0.00000731	55.6	0.0000259	0.00103
2095 May	279	0.0429	0.0116	0.000708	10.3	0.0779	133	0.00475	0.00065	0.00000478	0.00695	0.0102	0.0968	0.0253	0.00000731	55.7	0.0000258	0.00103
2095 Jun	281	0.0438	0.0119	0.000718	10.6	0.078	133	0.00479	0.000661	0.00000484	0.00702	0.0102	0.0968	0.0259	0.00000737	56.3	0.0000261	0.00103
2095 Jul	304	0.0459	0.0124	0.000754	11.2	0.0837	146	0.00523	0.000694	0.00000515	0.00743	0.0112	0.104	0.0273	0.00000789	61	0.0000276	0.00111
2095 Aug	306	0.0451	0.0122	0.000745	11	0.0839	147	0.00528	0.000686	0.00000513	0.00736	0.0113	0.104	0.027	0.00000788	61.2	0.0000274	0.00111
2095 Sep	307	0.0449	0.0121	0.000742	10.9	0.0843	148	0.00531	0.000684	0.00000513	0.00735	0.0113	0.105	0.0269	0.00000789	61.4	0.0000273	0.00112
2095 Oct	308	0.0447	0.012	0.000737	10.9	0.0844	148	0.00532	0.000679	0.00000511	0.00732	0.0113	0.105	0.0268	0.00000788	61.4	0.0000272	0.00112
2095 Nov	304	0.0444	0.0117	0.000726	10.7	0.0833	146	0.00526	0.000669	0.00000504	0.00722	0.0112	0.103	0.0263	0.00000778	60.6	0.0000268	0.0011
2095 Dec	303	0.0444	0.0117	0.000725	10.7	0.0832	146	0.00525	0.000669	0.00000503	0.00722	0.0112	0.103	0.0263	0.00000777	60.5	0.0000268	0.0011
2096 Jan	303	0.0444	0.0117	0.000725	10.7	0.0833	146	0.00525	0.000669	0.00000504	0.00722	0.0112	0.103	0.0263	0.00000777	60.5	0.0000268	0.0011
2096 Feb	304	0.0444	0.0117	0.000725	10.7	0.0833	146	0.00525	0.000669	0.00000504	0.00722	0.0112	0.103	0.0263	0.00000777	60.6	0.0000268	0.0011
2096 Mar	304	0.0444	0.0117	0.000726	10.7	0.0834	146	0.00526	0.00067	0.00000504	0.00723	0.0112	0.104	0.0263	0.00000778	60.6	0.0000268	0.0011
2096 Apr	305	0.0447	0.0118	0.000729	10.8	0.0838	147	0.00529	0.000673	0.00000507	0.00726	0.0113	0.104	0.0264	0.00000782	60.9	0.0000269	0.00111
2096 May	307	0.0451	0.0119	0.000734	10.9	0.0841	148	0.0053	0.000678	0.0000051	0.0073	0.0113	0.104	0.0267	0.00000786	61.2	0.0000271	0.00111
2096 Jun	276	0.0407	0.0109	0.00068	10.1	0.0753	132	0.00478	0.000632	0.00000469	0.0067	0.0102	0.0932	0.0245	0.00000715	55.4	0.0000248	0.001
2096 Jul	288	0.041	0.0111	0.000699	10.2	0.0779	139	0.00503	0.000651	0.00000486	0.00691	0.0107	0.0965	0.0251	0.00000743	57.8	0.0000256	0.00104
2096 Aug	305	0.0427	0.0116	0.000731	10.7	0.0823	147	0.00535	0.000681	0.00000512	0.00725	0.0113	0.102	0.0262	0.00000783	61.2	0.0000269	0.0011
2096 Sep	304	0.0423	0.0113	0.000721	10.5	0.0819	147	0.00535	0.000671	0.00000507	0.00718	0.0113	0.101	0.0258	0.00000778	60.9	0.0000266	0.00109
2096 Oct	293	0.0416	0.0107	0.000696	10.1	0.0792	142	0.00516	0.000649	0.0000049	0.00696	0.0109	0.0978	0.0247	0.00000751	58.6	0.0000256	0.00105
2096 Nov	292	0.0417	0.0106	0.000695	10.1	0.0789	141	0.00513	0.000648	0.00000488	0.00694	0.0108	0.0973	0.0246	0.00000748	58.3	0.0000255	0.00105
2096 Dec	292	0.0417	0.0106	0.000695	10.1	0.079	141	0.00513	0.000648	0.00000488	0.00694	0.0108	0.0974	0.0246	0.00000748	58.3	0.0000255	0.00105
2097 Jan	292	0.0417	0.0106	0.000695	10.1	0.079	141	0.00513	0.000648	0.00000488	0.00694	0.0108	0.0974	0.0246	0.00000748	58.3	0.0000255	0.00105
2097 Feb	292	0.0417	0.0106	0.000695	10.1	0.079	141	0.00514	0.000648	0.00000488	0.00694	0.0108	0.0974	0.0246	0.00000748	58.3	0.0000255	0.00105
2097 Mar	292	0.0417	0.0107	0.000695	10.1	0.0791	141	0.00514	0.000649	0.00000489	0.00695	0.0109	0.0975	0.0246	0.00000749	58.4	0.0000255	0.00105
2097 Apr	294	0.042	0.0107	0.0007	10.2	0.0795	142	0.00517	0.000653	0.00000492	0.00699	0.0109	0.0981	0.0248	0.00000753	58.8	0.0000257	0.00106
2097 May	298	0.0428	0.0109	0.000711	10.4	0.0805	144	0.00524	0.000664	0.000005	0.0071	0.0111	0.0992	0.0253	0.00000764	59.6	0.0000261	0.00107
2097 Jun	289	0.0423	0.0109	0.000705	10.4	0.0778	139	0.00509	0.00066	0.00000492	0.00697	0.0107	0.0956	0.0251	0.00000747	58.2	0.0000255	0.00104
2097 Jul	309	0.0443	0.0114	0.000741	10.9	0.0827	149	0.00548	0.000694	0.00000522	0.00736	0.0115	0.102	0.0264	0.00000794	62.3	0.000027	0.00111
2097 Aug	323	0.0452	0.0117	0.000759	11.2	0.0859	157	0.00575	0.000711	0.00000539	0.00757	0.0121	0.106	0.0271	0.00000823	65	0.0000278	0.00115
2097 Sep	329	0.0457	0.0118	0.000766	11.3	0.0874	160	0.00587	0.000719	0.00000547	0.00767	0.0123	0.108	0.0274	0.00000836	66.2	0.0000281	0.00117
2097 Oct	327	0.0454	0.0116	0.000759	11.2	0.0869	159	0.00584	0.000712	0.00000542	0.00761	0.0123	0.107	0.0271	0.00000831	65.8	0.0000279	0.00116
2097 Nov	326	0.0453	0.0115	0.000754	11.1	0.0864	158	0.00581	0.000708	0.00000539	0.00757	0.0122	0.106	0.0269	0.00000826	65.4	0.0000277	0.00116
2097 Dec	325	0.0453	0.0115	0.000754	11.1	0.0864	158	0.00581	0.000708	0.00000539	0.00757	0.0122	0.106	0.0269	0.00000826	65.4	0.0000277	0.00116
2098 Jan	326	0.0453	0.0115	0.000754	11.1	0.0864	158	0.00581	0.000708	0.00000539	0.00757	0.0122	0.106	0.0269	0.00000826	65.4	0.0000277	0.00116
2098 Feb	326	0.0453	0.0115	0.000754	11.1	0.0864	158	0.00581	0.000708	0.00000539	0.00757	0.0122	0.106	0.0269	0.00000826	65.4	0.0000277	0.00116
2098 Mar	326	0.0454	0.0115	0.000755	11.1	0.0865	158	0.00582	0.000708	0.0000054	0.00757	0.0122	0.106	0.0269	0.00000826	65.5	0.0000277	0.00116
2098 Apr	327	0.0455	0.0115	0.000757	11.1	0.0868	159	0.00583	0.000711	0.00000542	0.0076	0.0122	0.107	0.027	0.00000829	65.7	0.0000278	0.00116
2098 May	324	0.0459	0.0117	0.000758	11.3	0.0856	157	0.00577	0.000713	0.0000054	0.00756	0.0121	0.105	0.0273	0.00000823	65.3	0.0000277	0.00115
2098 Jun	289	0.0423	0.0111	0.000699	10.7	0.0757	139	0.00516	0.00066	0.00000493	0.00686	0.0108	0.0924	0.0254	0.00000742	59	0.000025	0.00103
2098 Jul	309	0.0441	0.0116	0.000733	11.2	0.0803	149	0.00554	0.000694	0.00000522	0.00723	0.0116	0.0981	0.0267	0.00000788	63	0.0000264	0.0011
2098 Aug	314	0.0443	0.0116	0.000741	11.3	0.0816	152	0.00566	0.000701	0.0000053	0.00731	0.0118	0.0997	0.027	0.000008	64.1	0.0000267	0.00111
2098 Sep	303	0.043	0.0111	0.000713	10.9	0.0788	146	0.00544	0.000676	0.0000051	0.00704	0.0113	0.096	0.0258	0.00000771	61.6	0.0000256	0.00107
2098 Oct	289	0.0422	0.0104	0.000686	10.4	0.0758	140	0.0052	0.000651	0.0000049	0.00679	0.0108	0.0919	0.0247	0.00000738	58.8	0.0000245	0.00102
2098 Nov	286	0.042	0.0103	0.000678	10.3	0.075	138	0.00513	0.000644	0.00000484	0.00672	0.0107	0.0909	0.0243	0.0000073	58.1	0.0000242	0.00101
2098 Dec	286	0.042	0.0103	0.000678	10.3	0.075	138	0.00513	0.000644	0.00000484	0.00672	0.0107	0.0909	0.0244	0.0000073	58.1	0.0000242	0.00101
2099 Jan	286	0.042	0.0103	0.000678	10.3	0.0751	138	0.00513	0.000644	0.00000484	0.00673	0.0107	0.0909	0.0244	0.0000073	58.1	0.0000242	0.00101
2099 Feb	286	0.042	0.0103	0.000679	10.3	0.0751	138	0.00514	0.000644	0.00000484	0.00673	0.0107	0.0909	0.0244	0.0000073	58.1	0.0000242	0.00101
2099 Mar	287	0.0421	0.0103	0.00068	10.3	0.0752	139	0.00515	0.000645	0.00000485	0.00674	0.0107	0.0911	0.0244	0.00000732	58.2	0.0000243	0.00101
2099 Apr	289	0.0425	0.0104	0.000686	10.4	0.0758	140	0.00519	0.000651	0.00000489	0.0068	0.0108	0.0919	0.0246	0.00000738	58.7	0.0000245	0.00102
2099 May	277	0.0431	0.0107	0.000676	10.7	0.0722	132	0.00493	0.000644	0.00000477	0.0066	0.0103	0.087	0.025	0.00000711	56.8	0.0000237	0.000981
2099 Jun	268	0.0423	0.0106	0.000663	10.6	0.0696	127	0.00477	0.000632	0.00000465	0.00643	0.00993	0.0836	0.0246	0.00000691	55.2	0.0000231	0.00095

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2099 Jul	286	0.044	0.0111	0.000693	11.1	0.0737	136	0.0051	0.000661	0.00000491	0.00676	0.0106	0.0889	0.0258	0.00000731	58.8	0.0000243	0.00101
2099 Aug	300	0.0457	0.0115	0.000721	11.5	0.0774	143	0.00536	0.000688	0.00000513	0.00705	0.0112	0.0934	0.0269	0.00000766	61.6	0.0000254	0.00106
2099 Sep	295	0.0449	0.0112	0.000706	11.3	0.0763	141	0.00527	0.000674	0.00000503	0.00691	0.011	0.0919	0.0263	0.00000752	60.5	0.0000248	0.00104
2099 Oct	288	0.0443	0.0108	0.000688	11	0.0747	138	0.00514	0.000657	0.0000049	0.00676	0.0107	0.0899	0.0256	0.00000734	59	0.0000242	0.00101
2099 Nov	284	0.0438	0.0105	0.000675	10.8	0.0737	136	0.00507	0.000645	0.00000482	0.00665	0.0106	0.0886	0.0251	0.00000722	58.1	0.0000238	0.000999
2099 Dec	284	0.0438	0.0105	0.000675	10.8	0.0738	136	0.00508	0.000645	0.00000483	0.00666	0.0106	0.0887	0.0251	0.00000723	58.2	0.0000238	0.001
2100 Jan	284	0.0438	0.0105	0.000675	10.8	0.0738	136	0.00508	0.000645	0.00000483	0.00666	0.0106	0.0887	0.0251	0.00000723	58.2	0.0000238	0.001
2100 Feb	285	0.0438	0.0105	0.000675	10.8	0.0738	136	0.00508	0.000645	0.00000483	0.00666	0.0106	0.0887	0.0251	0.00000723	58.2	0.0000238	0.001
2100 Mar	285	0.0438	0.0105	0.000675	10.8	0.0738	136	0.00508	0.000645	0.00000483	0.00666	0.0106	0.0888	0.0251	0.00000724	58.2	0.0000238	0.001
2100 Apr	287	0.0441	0.0106	0.00068	10.8	0.0743	137	0.00512	0.00065	0.00000486	0.0067	0.0107	0.0894	0.0253	0.00000728	58.6	0.000024	0.00101
2100 May	285	0.0446	0.0108	0.000685	11	0.0738	136	0.00508	0.000655	0.00000487	0.00672	0.0106	0.0886	0.0256	0.00000727	58.5	0.000024	0.001
2100 Jun	260	0.0417	0.0103	0.000644	10.5	0.067	123	0.00463	0.000619	0.00000454	0.00624	0.00963	0.0801	0.0242	0.00000671	53.8	0.0000223	0.000919
2100 Jul	268	0.0418	0.0104	0.000653	10.6	0.0684	127	0.00478	0.000628	0.00000463	0.00635	0.00993	0.0821	0.0245	0.00000686	55.2	0.0000227	0.000941
2100 Aug	268	0.041	0.0102	0.000648	10.4	0.0685	127	0.00479	0.000623	0.00000461	0.00631	0.00994	0.0822	0.0242	0.00000684	55.1	0.0000226	0.00094
2100 Sep	268	0.0407	0.0101	0.000646	10.4	0.0687	127	0.00478	0.000621	0.0000046	0.00629	0.00993	0.0823	0.024	0.00000684	55	0.0000224	0.000939
2100 Oct	269	0.0406	0.00999	0.000644	10.3	0.0689	128	0.0048	0.000619	0.0000046	0.00629	0.00998	0.0826	0.0239	0.00000685	55.1	0.0000224	0.000941
2100 Nov	269	0.0407	0.01	0.000644	10.3	0.069	128	0.00481	0.00062	0.00000461	0.00629	0.01	0.0828	0.0239	0.00000686	55.2	0.0000225	0.000943
2100 Dec	269	0.0407	0.01	0.000645	10.3	0.0691	128	0.00482	0.00062	0.00000461	0.0063	0.01	0.0829	0.024	0.00000686	55.2	0.0000225	0.000944
2101 Jan	270	0.0407	0.01	0.000645	10.3	0.0691	128	0.00482	0.00062	0.00000461	0.0063	0.01	0.0829	0.024	0.00000686	55.2	0.0000225	0.000944
2101 Feb	270	0.0407	0.01	0.000645	10.3	0.0691	128	0.00482	0.00062	0.00000461	0.0063	0.01	0.0829	0.024	0.00000686	55.2	0.0000225	0.000944
2101 Mar	270	0.0407	0.01	0.000645	10.3	0.0691	128	0.00482	0.000621	0.00000461	0.0063	0.01	0.0829	0.024	0.00000687	55.3	0.0000225	0.000944
2101 Apr	271	0.0409	0.01	0.000648	10.4	0.0694	129	0.00484	0.000623	0.00000463	0.00633	0.0101	0.0833	0.0241	0.00000689	55.5	0.0000226	0.000948
2101 May	270	0.0413	0.0103	0.000653	10.6	0.069	128	0.00481	0.000629	0.00000465	0.00635	0.01	0.0826	0.0244	0.00000689	55.5	0.0000226	0.000946
2101 Jun	257	0.0399	0.0101	0.000635	10.3	0.0654	121	0.00458	0.000613	0.00000449	0.00611	0.00949	0.0781	0.0238	0.00000661	53.1	0.0000218	0.000902
2101 Jul	275	0.0416	0.0106	0.000667	10.8	0.0696	130	0.00492	0.000643	0.00000475	0.00645	0.0102	0.0833	0.025	0.00000702	56.7	0.0000231	0.000962
2101 Aug	291	0.0431	0.011	0.000694	11.3	0.0734	138	0.00523	0.00067	0.00000498	0.00674	0.0108	0.0881	0.0261	0.00000739	60	0.0000242	0.00102
2101 Sep	289	0.0426	0.0107	0.000685	11.1	0.0729	137	0.00519	0.000662	0.00000493	0.00666	0.0107	0.0873	0.0256	0.00000732	59.4	0.0000238	0.00101
2101 Oct	288	0.0425	0.0106	0.00068	11	0.0727	137	0.00518	0.000657	0.0000049	0.00663	0.0107	0.0871	0.0254	0.00000729	59.2	0.0000237	0.001
2101 Nov	282	0.042	0.0103	0.000668	10.8	0.0715	135	0.00509	0.000645	0.00000482	0.00652	0.0105	0.0854	0.0249	0.00000715	58	0.0000232	0.000982
2101 Dec	282	0.0421	0.0103	0.000668	10.8	0.0714	135	0.00508	0.000645	0.00000481	0.00652	0.0105	0.0854	0.0249	0.00000715	58	0.0000232	0.000981
2102 Jan	282	0.0421	0.0103	0.000668	10.8	0.0714	135	0.00508	0.000645	0.00000481	0.00652	0.0105	0.0854	0.0249	0.00000715	58	0.0000232	0.000981
2102 Feb	282	0.0421	0.0103	0.000668	10.8	0.0714	135	0.00508	0.000645	0.00000481	0.00652	0.0105	0.0854	0.0249	0.00000715	58	0.0000232	0.000981
2102 Mar	282	0.0421	0.0103	0.000668	10.8	0.0715	135	0.00509	0.000646	0.00000482	0.00652	0.0105	0.0855	0.0249	0.00000715	58	0.0000232	0.000982
2102 Apr	283	0.0422	0.0103	0.00067	10.8	0.0717	135	0.0051	0.000648	0.00000483	0.00654	0.0106	0.0857	0.025	0.00000718	58.2	0.0000233	0.000985
2102 May	288	0.0428	0.0105	0.00068	11	0.0728	137	0.00518	0.000657	0.00000491	0.00664	0.0107	0.087	0.0253	0.00000729	59.1	0.0000236	0.001
2102 Jun	267	0.0389	0.0097	0.000655	10.1	0.0677	127	0.00482	0.000635	0.00000467	0.00635	0.00993	0.0806	0.0234	0.00000687	54.7	0.0000225	0.000927
2102 Jul	264	0.0375	0.00948	0.00066	9.88	0.0671	126	0.00482	0.00064	0.00000469	0.00637	0.00987	0.0797	0.0228	0.00000687	54.1	0.0000225	0.000917
2102 Aug	276	0.038	0.00959	0.000676	10	0.0697	132	0.00505	0.000656	0.00000485	0.00655	0.0103	0.0829	0.0233	0.00000712	56.4	0.0000232	0.000953
2102 Sep	279	0.038	0.00954	0.000679	10	0.0704	134	0.00512	0.000659	0.00000488	0.00659	0.0105	0.0837	0.0233	0.00000718	56.9	0.0000232	0.000961
2102 Oct	269	0.0374	0.00913	0.00066	9.71	0.0683	129	0.00495	0.00064	0.00000474	0.00641	0.0101	0.0809	0.0224	0.00000696	54.9	0.0000225	0.000928
2102 Nov	270	0.0375	0.00915	0.000661	9.72	0.0684	130	0.00496	0.000642	0.00000475	0.00642	0.0101	0.081	0.0224	0.00000697	55	0.0000225	0.000929
2102 Dec	270	0.0375	0.00915	0.000661	9.73	0.0684	130	0.00496	0.000642	0.00000475	0.00643	0.0101	0.0811	0.0225	0.00000697	55	0.0000225	0.00093
2103 Jan	270	0.0375	0.00915	0.000662	9.73	0.0684	130	0.00496	0.000642	0.00000475	0.00643	0.0101	0.0811	0.0225	0.00000697	55	0.0000225	0.00093
2103 Feb	270	0.0375	0.00915	0.000662	9.73	0.0685	130	0.00496	0.000643	0.00000475	0.00643	0.0101	0.0811	0.0225	0.00000698	55.1	0.0000226	0.00093
2103 Mar	270	0.0375	0.00916	0.000662	9.74	0.0685	130	0.00497	0.000643	0.00000476	0.00644	0.0101	0.0812	0.0225	0.00000698	55.1	0.0000226	0.000931
2103 Apr	271	0.0377	0.0092	0.000665	9.78	0.0688	130	0.00499	0.000646	0.00000478	0.00646	0.0102	0.0816	0.0226	0.00000701	55.4	0.0000227	0.000935
2103 May	271	0.0382	0.0094	0.000673	9.97	0.0687	130	0.00497	0.000654	0.00000481	0.00651	0.0101	0.0813	0.0229	0.00000703	55.4	0.0000228	0.000935
2103 Jun	248	0.0361	0.00912	0.000639	9.58	0.0627	118	0.00454	0.000623	0.00000451	0.0061	0.00925	0.0738	0.0219	0.00000652	51.1	0.0000214	0.00086
2103 Jul	256	0.036	0.00915	0.000649	9.63	0.0644	122	0.00471	0.000632	0.00000461	0.00622	0.00959	0.076	0.0221	0.00000669	52.6	0.0000218	0.000884
2103 Aug	259	0.0349	0.00894	0.000647	9.47	0.0652	124	0.00477	0.000631	0.00000462	0.00619	0.00971	0.0769	0.0219	0.00000674	53	0.0000217	0.00089
2103 Sep	254	0.0345	0.00863	0.000633	9.23	0.0642	121	0.00466	0.000617	0.00000453	0.00608	0.00951	0.0756	0.0213	0.0000066	51.8	0.0000212	0.000871
2103 Oct	242	0.0344	0.00818	0.000613	8.89	0.0618	115	0.00444	0.000598	0.00000436	0.00589	0.00904	0.0722	0.0204	0.00000633	49.3	0.0000203	0.00083
2103 Nov	240	0.0344	0.00808	0.000609	8.83	0.0613	114	0.00439	0.000595	0.00000433	0.00585	0.00894	0.0715	0.0202	0.00000628	48.8	0.0000202	0.000822
2103 Dec	240	0.0344	0.00808	0.000609	8.83	0.0613	114	0.00439	0.000595	0.00000433	0.00585	0.00894	0.0715	0.0202	0.00000628	48.8	0.0000202	0.000822
2104 Jan	240	0.0344	0.00808	0.000609	8.83	0.0613	114	0.00439	0.000595	0.00000433	0.00585	0.00895	0.0715	0.0202	0.00000628	48.8	0.0000202	0.000822
2104 Feb	240	0.0344	0.00808	0.000609	8.83	0.0613	114	0.00439	0.000595	0.00000433	0.00585	0.00895	0.0715	0.0202	0.00000628	48.8	0.0000202	0.000822
2104 Mar	240	0.0345	0.00809	0.00061	8.84	0.0614	114	0.0044	0.000595	0.00000433	0.00586	0.00896	0.0716	0.0202	0.00000629	48.9	0.0000202	0.000823
2104 Apr	242	0.0347	0.00814	0.000614	8.9	0.0618	115	0.00443	0.0006	0.00000436	0.0059	0.00902	0.0721	0.0204	0.00000633	49.2	0.0000203	0.000828
2104 May	241	0.0356	0.00845	0.000624	9.19	0.0614	114	0.00439	0.00061	0.0000044	0.00595	0.00895	0.0714	0.0209	0.00000635	49.2	0.0000205	0.000827
2104 Jun	225	0.0343	0.00828	0.000597	8.94	0.057	105	0.00409	0.000584	0.00000417	0.00563	0.00832	0.0659	0.0202	0.00000597	46.3	0.0000193	0.000773
2104 Jul	237	0.035	0.00849	0.000615	9.18	0.0596	112	0.00434	0.000602	0.00000434	0.00583	0.00881	0.0692	0.0208	0.00000623	48.7	0.0000201	0.000811
2104 Aug	246	0.0353	0.00855	0.000624	9.3	0.0618	117	0.00452	0.000611	0.00000444	0.00595	0.00918	0.0719	0.0211	0.00000642	50.5	0.0000205	0.00084
2104 Sep	244	0.035	0.00834	0.000615	9.14	0.0613	116	0.00447	0.000602	0.00000439	0.00587	0.00909	0.0712	0.0208	0.00000635	49.8	0.0000202	0.00083
2104 Oct	238	0.0349	0.00808	0.000604	8.96	0.0602	113	0.00437	0.000591	0.0000043	0.00577	0.00888	0.0696	0.0203	0.00000621	48.7	0.0000197	0.00081
2104 Nov	237	0.035	0.00802	0.000602	8.92	0.0599	112	0.00435	0.00059	0.00000428	0.00575	0.00882	0.0692	0.0201	0.00000618	48.4	0.0000196	0.000805
2104 Dec	237	0.035	0.00802	0.000602	8.93	0.06	112	0.00435	0.00059	0.00000428	0.00575	0.00883	0.0693	0.0202	0.00000619	48.4	0.0000196	0.000806
2105 Jan	237	0.035	0.00802	0.000602	8.93	0.06	112	0.00435	0.00059	0.00000428	0.00575	0.00883	0.0693	0.0202	0.00000619	48.4	0.0000196	0.000806

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2105 Feb	237	0.035	0.00802	0.000602	8.93	0.06	112	0.00435	0.00059	0.00000428	0.00575	0.00883	0.0693	0.0202	0.00000619	48.4	0.0000196	0.000806
2105 Mar	237	0.0351	0.00803	0.000602	8.93	0.06	112	0.00435	0.00059	0.00000428	0.00575	0.00883	0.0693	0.0202	0.00000619	48.4	0.0000196	0.000806
2105 Apr	238	0.0352	0.00806	0.000604	8.96	0.0602	113	0.00437	0.000592	0.0000043	0.00578	0.00887	0.0696	0.0202	0.00000621	48.6	0.0000197	0.000809
2105 May	238	0.0358	0.00829	0.00061	9.17	0.06	112	0.00435	0.000598	0.00000432	0.0058	0.00883	0.0692	0.0206	0.00000622	48.7	0.0000198	0.000809
2105 Jun	236	0.0361	0.00846	0.000611	9.31	0.0593	111	0.00433	0.000599	0.00000432	0.00578	0.00878	0.0683	0.0209	0.00000619	48.7	0.0000197	0.000806
2105 Jul	252	0.0369	0.00867	0.000628	9.58	0.0626	119	0.00463	0.000616	0.0000045	0.00599	0.00939	0.0725	0.0216	0.0000065	51.7	0.0000206	0.000853
2105 Aug	250	0.0354	0.00831	0.000609	9.25	0.0624	119	0.0046	0.000598	0.00000441	0.00584	0.00935	0.0725	0.021	0.00000641	51.1	0.0000201	0.000846
2105 Sep	240	0.0345	0.00786	0.000588	8.88	0.0603	113	0.00438	0.000578	0.00000424	0.00563	0.00891	0.0697	0.0201	0.00000616	48.7	0.0000191	0.000809
2105 Oct	232	0.0343	0.00755	0.000575	8.65	0.0588	110	0.00424	0.000565	0.00000413	0.0055	0.00862	0.0677	0.0195	0.00000599	47.2	0.0000186	0.000784
2105 Nov	230	0.0344	0.00745	0.00057	8.57	0.0583	108	0.00419	0.00056	0.00000409	0.00546	0.00851	0.0669	0.0192	0.00000593	46.6	0.0000184	0.000774
2105 Dec	230	0.0344	0.00745	0.00057	8.57	0.0583	108	0.00419	0.00056	0.00000409	0.00546	0.00851	0.0669	0.0192	0.00000593	46.6	0.0000184	0.000774
2106 Jan	230	0.0344	0.00745	0.00057	8.57	0.0583	108	0.00419	0.00056	0.00000409	0.00546	0.00851	0.0669	0.0192	0.00000593	46.6	0.0000184	0.000774
2106 Feb	230	0.0344	0.00745	0.00057	8.57	0.0583	108	0.00419	0.00056	0.00000409	0.00546	0.00852	0.0669	0.0192	0.00000593	46.6	0.0000184	0.000774
2106 Mar	230	0.0344	0.00745	0.000571	8.57	0.0583	108	0.00419	0.00056	0.00000409	0.00546	0.00852	0.067	0.0192	0.00000593	46.6	0.0000184	0.000775
2106 Apr	231	0.0345	0.00749	0.000573	8.62	0.0586	109	0.00421	0.000563	0.00000411	0.00549	0.00857	0.0673	0.0193	0.00000596	46.9	0.0000185	0.000779
2106 May	234	0.0352	0.00767	0.000583	8.81	0.0593	110	0.00426	0.000573	0.00000418	0.00558	0.00867	0.0681	0.0197	0.00000604	47.5	0.0000188	0.000789
2106 Jun	219	0.0339	0.00761	0.000568	8.61	0.0553	102	0.00398	0.000559	0.00000401	0.00536	0.00807	0.0631	0.0192	0.00000574	44.8	0.000018	0.000741
2106 Jul	232	0.0343	0.00775	0.000588	8.8	0.0582	109	0.00425	0.000579	0.00000419	0.00558	0.00861	0.0666	0.0197	0.00000603	47.3	0.0000188	0.000781
2106 Aug	238	0.0334	0.00756	0.000584	8.65	0.0595	112	0.00436	0.000575	0.00000421	0.00557	0.00884	0.0684	0.0195	0.00000611	48.1	0.0000188	0.000796
2106 Sep	233	0.0327	0.00726	0.000571	8.4	0.0586	110	0.00426	0.000563	0.00000412	0.00545	0.00863	0.0673	0.0189	0.00000598	46.9	0.0000183	0.000778
2106 Oct	230	0.0328	0.00715	0.000568	8.34	0.0581	108	0.0042	0.000559	0.00000409	0.00542	0.00851	0.0665	0.0187	0.00000592	46.3	0.0000182	0.000768
2106 Nov	230	0.0329	0.00717	0.00057	8.36	0.0583	109	0.00421	0.000561	0.0000041	0.00543	0.00853	0.0667	0.0188	0.00000593	46.4	0.0000182	0.00077
2106 Dec	230	0.0329	0.00717	0.00057	8.36	0.0583	109	0.00421	0.000561	0.0000041	0.00544	0.00853	0.0667	0.0188	0.00000593	46.4	0.0000182	0.00077
2107 Jan	230	0.0329	0.00717	0.00057	8.36	0.0583	109	0.00421	0.000561	0.0000041	0.00544	0.00853	0.0667	0.0188	0.00000594	46.4	0.0000182	0.000771
2107 Feb	230	0.0329	0.00717	0.00057	8.36	0.0583	109	0.00421	0.000561	0.0000041	0.00544	0.00854	0.0668	0.0188	0.00000594	46.4	0.0000182	0.000771
2107 Mar	231	0.033	0.00718	0.00057	8.37	0.0584	109	0.00422	0.000562	0.0000041	0.00544	0.00855	0.0668	0.0188	0.00000594	46.5	0.0000182	0.000772
2107 Apr	231	0.033	0.00719	0.000572	8.39	0.0585	109	0.00423	0.000563	0.00000411	0.00546	0.00857	0.067	0.0189	0.00000596	46.6	0.0000183	0.000774
2107 May	231	0.0334	0.00733	0.000575	8.51	0.0583	108	0.00421	0.000567	0.00000412	0.00547	0.00853	0.0667	0.0191	0.00000596	46.6	0.0000183	0.000772
2107 Jun	224	0.0334	0.00756	0.000575	8.64	0.0565	105	0.00408	0.000567	0.00000408	0.00541	0.00826	0.0644	0.0193	0.00000585	45.6	0.0000182	0.000754
2107 Jul	235	0.0337	0.00766	0.000587	8.78	0.0587	110	0.00429	0.000579	0.00000421	0.00555	0.00868	0.0672	0.0197	0.00000606	47.6	0.0000186	0.000785
2107 Aug	248	0.0343	0.00783	0.000603	9.01	0.0618	117	0.00456	0.000594	0.00000437	0.00573	0.00923	0.0711	0.0203	0.00000634	50.2	0.0000193	0.000828
2107 Sep	251	0.0347	0.0078	0.000604	9.03	0.0625	119	0.0046	0.000596	0.00000439	0.00577	0.00932	0.0718	0.0204	0.00000638	50.7	0.0000194	0.000835
2107 Oct	248	0.0347	0.00767	0.000598	8.93	0.0619	117	0.00454	0.00059	0.00000435	0.00572	0.0092	0.0709	0.0201	0.00000631	50	0.0000192	0.000824
2107 Nov	247	0.0348	0.00763	0.000597	8.91	0.0616	116	0.00452	0.000589	0.00000433	0.0057	0.00915	0.0706	0.02	0.00000629	49.7	0.0000192	0.00082
2107 Dec	247	0.0348	0.00763	0.000597	8.91	0.0617	116	0.00452	0.000589	0.00000433	0.00571	0.00915	0.0706	0.02	0.00000629	49.7	0.0000192	0.000821
2108 Jan	247	0.0348	0.00763	0.000597	8.91	0.0617	116	0.00452	0.000589	0.00000433	0.00571	0.00915	0.0706	0.02	0.00000629	49.8	0.0000192	0.000821
2108 Feb	247	0.0348	0.00763	0.000597	8.91	0.0617	116	0.00452	0.000589	0.00000433	0.00571	0.00916	0.0707	0.02	0.00000629	49.8	0.0000192	0.000821
2108 Mar	247	0.0348	0.00764	0.000598	8.92	0.0618	117	0.00453	0.00059	0.00000434	0.00571	0.00917	0.0708	0.0201	0.0000063	49.8	0.0000192	0.000822
2108 Apr	249	0.0351	0.00771	0.000604	9.01	0.0623	118	0.00457	0.000595	0.00000438	0.00577	0.00925	0.0714	0.0203	0.00000636	50.3	0.0000194	0.00083
2108 May	255	0.0359	0.00788	0.000616	9.2	0.0636	120	0.00466	0.000607	0.00000447	0.00588	0.00945	0.0729	0.0207	0.00000649	51.4	0.0000198	0.000847
2108 Jun	247	0.0348	0.00783	0.000614	9.05	0.0616	116	0.00453	0.000606	0.00000442	0.00582	0.00916	0.0704	0.0203	0.00000636	50	0.0000196	0.000823
2108 Jul	264	0.036	0.00813	0.000643	9.41	0.0654	125	0.00489	0.000634	0.00000467	0.00613	0.00985	0.075	0.0212	0.00000676	53.4	0.0000207	0.000877
2108 Aug	284	0.0374	0.00842	0.00067	9.8	0.0698	136	0.00528	0.000661	0.00000493	0.00644	0.0106	0.0804	0.0221	0.00000718	57.3	0.0000218	0.000939
2108 Sep	287	0.0375	0.0084	0.000671	9.81	0.0704	137	0.00533	0.000663	0.00000495	0.00647	0.0108	0.0811	0.0222	0.00000723	57.7	0.0000219	0.000946
2108 Oct	273	0.0369	0.00794	0.000645	9.4	0.0674	130	0.00508	0.000637	0.00000475	0.00623	0.0102	0.0773	0.0211	0.00000691	55	0.0000209	0.000901
2108 Nov	272	0.037	0.00788	0.000643	9.36	0.0672	130	0.00506	0.000635	0.00000473	0.00621	0.0102	0.0769	0.021	0.00000688	54.7	0.0000208	0.000896
2108 Dec	272	0.037	0.00789	0.000644	9.37	0.0672	130	0.00506	0.000635	0.00000473	0.00622	0.0102	0.0769	0.021	0.00000688	54.7	0.0000208	0.000896
2109 Jan	272	0.037	0.00789	0.000644	9.37	0.0672	130	0.00506	0.000635	0.00000473	0.00622	0.0102	0.0769	0.021	0.00000689	54.8	0.0000208	0.000896
2109 Feb	272	0.037	0.00789	0.000644	9.37	0.0672	130	0.00506	0.000636	0.00000473	0.00622	0.0102	0.077	0.021	0.00000689	54.8	0.0000208	0.000896
2109 Mar	272	0.037	0.0079	0.000644	9.38	0.0673	130	0.00507	0.000636	0.00000474	0.00622	0.0102	0.0771	0.021	0.0000069	54.9	0.0000208	0.000898
2109 Apr	274	0.0373	0.00795	0.000649	9.44	0.0677	131	0.0051	0.00064	0.00000477	0.00626	0.0103	0.0776	0.0212	0.00000694	55.2	0.000021	0.000903
2109 May	274	0.0378	0.00816	0.000655	9.63	0.0675	130	0.00509	0.000647	0.00000479	0.00629	0.0102	0.0771	0.0215	0.00000695	55.3	0.0000211	0.000903
2109 Jun	273	0.0384	0.00847	0.00066	9.87	0.0667	129	0.00507	0.000652	0.00000481	0.0063	0.0102	0.0761	0.022	0.00000694	55.5	0.0000211	0.000901
2109 Jul	286	0.0388	0.00858	0.000671	10	0.0694	137	0.00535	0.000664	0.00000496	0.00646	0.0108	0.0795	0.0224	0.0000072	58.1	0.0000217	0.00094
2109 Aug	299	0.0393	0.00871	0.000685	10.2	0.0722	143	0.0056	0.000677	0.00000511	0.00662	0.0113	0.0829	0.0229	0.00000745	60.5	0.0000223	0.000978
2109 Sep	295	0.0387	0.00845	0.00067	10	0.0714	141	0.00553	0.000662	0.00000502	0.0065	0.0111	0.082	0.0224	0.00000734	59.6	0.0000219	0.000965
2109 Oct	280	0.0381	0.00797	0.000643	9.56	0.0682	134	0.00524	0.000636	0.00000479	0.00625	0.0105	0.078	0.0214	0.00000699	56.5	0.0000209	0.000916
2109 Nov	280	0.0382	0.00796	0.000644	9.57	0.0682	134	0.00523	0.000636	0.00000479	0.00625	0.0105	0.078	0.0214	0.00000699	56.5	0.0000209	0.000915
2109 Dec	280	0.0383	0.00797	0.000644	9.57	0.0683	134	0.00523	0.000637	0.00000479	0.00626	0.0105	0.078	0.0214	0.00000699	56.5	0.0000209	0.000915
2110 Jan	280	0.0383	0.00797	0.000644	9.57	0.0683	134	0.00523	0.000637	0.0000048	0.00626	0.0105	0.078	0.0214	0.000007	56.5	0.0000209	0.000915
2110 Feb	280	0.0383	0.00797	0.000644	9.58	0.0683	134	0.00524	0.000637	0.0000048	0.00626	0.0105	0.0781	0.0214	0.000007	56.5	0.0000209	0.000916
2110 Mar	281	0.0383	0.00797	0.000645	9.58	0.0684	134	0.00524	0.000637	0.0000048	0.00626	0.0105	0.0781	0.0214	0.00000701	56.6	0.0000209	0.000917
2110 Apr	282	0.0385	0.008	0.000647	9.62	0.0687	135	0.00526	0.00064	0.00000482	0.00629	0.0106	0.0784	0.0215	0.00000703	56.8	0.000021	0.00092
2110 May	283	0.0389	0.00813	0.000654	9.75	0.0691	135	0.00529	0.000646	0.00000486	0.00634	0.0106	0.0789	0.0217	0.00000708	57.2	0.0000212	0.000926
2110 Jun	261	0.0373	0.00806	0.000627	9.48	0.0635	123	0.00484	0.00062	0.00000458	0.006	0.00973	0.0722	0.021	0.0000066	52.9	0.0000201	0.000857
2110 Jul	273	0.0376	0.00816	0.000639	9.62	0.0659	130	0.0051	0.000632	0.00000472	0.00616	0.0102	0.0753	0.0214	0.00000685	55.4	0.0000207	0.000894
2110 Aug	262	0.0346	0.00755	0.000606	8.98	0.0635	125	0.00489	0.0006	0.0000045	0.00582	0.00983	0.0725	0.0201	0.00000655	52.8	0.0000194	0.000854

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2110 Sep	246	0.0336	0.007	0.000578	8.5	0.0602	116	0.00456	0.000573	0.00000426	0.00553	0.00917	0.0682	0.0189	0.00000618	49.3	0.0000183	0.000799
2110 Oct	231	0.0337	0.00657	0.000559	8.16	0.0575	109	0.00429	0.000554	0.00000408	0.00535	0.0086	0.0643	0.0179	0.00000588	46.4	0.0000174	0.000752
2110 Nov	228	0.0337	0.00647	0.000554	8.08	0.0568	107	0.00422	0.000549	0.00000403	0.0053	0.00846	0.0634	0.0177	0.00000581	45.7	0.0000172	0.000741
2110 Dec	228	0.0337	0.00648	0.000555	8.09	0.0568	107	0.00422	0.000549	0.00000404	0.0053	0.00847	0.0634	0.0177	0.00000581	45.7	0.0000172	0.000741
2111 Jan	228	0.0337	0.00648	0.000555	8.09	0.0568	107	0.00422	0.000549	0.00000404	0.0053	0.00847	0.0634	0.0177	0.00000581	45.7	0.0000172	0.000741
2111 Feb	228	0.0337	0.00647	0.000555	8.09	0.0568	107	0.00422	0.00055	0.00000404	0.0053	0.00847	0.0634	0.0177	0.00000581	45.7	0.0000172	0.000741
2111 Mar	228	0.0338	0.00649	0.000556	8.1	0.0569	108	0.00423	0.00055	0.00000404	0.00531	0.00848	0.0635	0.0178	0.00000582	45.8	0.0000172	0.000743
2111 Apr	230	0.034	0.00653	0.00056	8.16	0.0573	108	0.00426	0.000554	0.00000407	0.00535	0.00854	0.064	0.0179	0.00000586	46.1	0.0000173	0.000748
2111 May	232	0.0348	0.00674	0.000569	8.37	0.0578	109	0.00429	0.000564	0.00000413	0.00542	0.00861	0.0644	0.0183	0.00000593	46.7	0.0000176	0.000756
2111 Jun	222	0.035	0.00706	0.000568	8.55	0.055	103	0.00408	0.000563	0.00000405	0.00533	0.00818	0.0608	0.0185	0.00000574	45	0.0000172	0.000726
2111 Jul	239	0.0366	0.00739	0.000596	8.97	0.0587	112	0.00442	0.000591	0.0000043	0.00563	0.00884	0.0652	0.0195	0.00000612	48.4	0.0000183	0.000778
2111 Aug	240	0.0353	0.00713	0.000583	8.72	0.0588	113	0.00444	0.000579	0.00000424	0.00552	0.00889	0.0655	0.0191	0.00000608	48.4	0.0000179	0.000778
2111 Sep	237	0.035	0.00699	0.000579	8.62	0.0585	111	0.00439	0.000574	0.00000421	0.00547	0.0088	0.0651	0.0188	0.00000603	47.8	0.0000177	0.00077
2111 Oct	229	0.0346	0.00671	0.000563	8.37	0.0567	107	0.00422	0.000559	0.00000408	0.00532	0.00846	0.0628	0.0182	0.00000583	46	0.0000171	0.000741
2111 Nov	223	0.0347	0.00654	0.000556	8.23	0.0556	104	0.00411	0.000551	0.000004	0.00525	0.00823	0.0612	0.0178	0.00000571	44.8	0.0000167	0.000723
2111 Dec	223	0.0347	0.00654	0.000556	8.24	0.0556	104	0.00411	0.000552	0.00000401	0.00525	0.00823	0.0612	0.0178	0.00000571	44.8	0.0000168	0.000722
2112 Jan	223	0.0347	0.00654	0.000556	8.24	0.0556	104	0.00411	0.000552	0.00000401	0.00525	0.00823	0.0612	0.0178	0.00000571	44.8	0.0000168	0.000723
2112 Feb	223	0.0347	0.00654	0.000556	8.24	0.0556	104	0.00411	0.000552	0.00000401	0.00525	0.00823	0.0612	0.0178	0.00000572	44.8	0.0000168	0.000723
2112 Mar	224	0.0348	0.00656	0.000557	8.26	0.0558	104	0.00412	0.000553	0.00000402	0.00526	0.00825	0.0614	0.0178	0.00000573	44.9	0.0000168	0.000724
2112 Apr	225	0.035	0.0066	0.000561	8.31	0.0561	105	0.00415	0.000556	0.00000404	0.0053	0.0083	0.0618	0.0179	0.00000576	45.2	0.0000169	0.000729
2112 May	226	0.0357	0.00684	0.000569	8.53	0.0562	105	0.00415	0.000564	0.00000408	0.00535	0.0083	0.0617	0.0184	0.0000058	45.5	0.0000171	0.000732
2112 Jun	203	0.0335	0.00682	0.000537	8.22	0.0502	92.9	0.0037	0.000533	0.00000377	0.00496	0.00739	0.0549	0.0176	0.00000529	41.3	0.0000159	0.000663
2112 Jul	210	0.0334	0.00691	0.000548	8.29	0.0516	96.5	0.00384	0.000544	0.00000388	0.00509	0.00767	0.0567	0.0179	0.00000545	42.6	0.0000164	0.000684
2112 Aug	221	0.034	0.00705	0.000562	8.48	0.0539	102	0.00404	0.000558	0.00000401	0.00525	0.00809	0.0597	0.0184	0.00000568	44.6	0.000017	0.000717
2112 Sep	220	0.0338	0.00697	0.00056	8.44	0.054	102	0.00403	0.000557	0.000004	0.00523	0.00807	0.0598	0.0183	0.00000567	44.5	0.000017	0.000716
2112 Oct	219	0.0337	0.00686	0.000555	8.34	0.0536	101	0.004	0.000551	0.00000396	0.00519	0.008	0.0593	0.0181	0.00000562	44.1	0.0000168	0.000709
2112 Nov	219	0.0338	0.00685	0.000555	8.34	0.0536	101	0.00399	0.000551	0.00000396	0.0052	0.00799	0.0593	0.0181	0.00000561	44	0.0000168	0.000709
2112 Dec	219	0.0338	0.00686	0.000555	8.35	0.0537	101	0.00399	0.000552	0.00000396	0.0052	0.00799	0.0593	0.0181	0.00000562	44	0.0000168	0.000709
2113 Jan	219	0.0338	0.00686	0.000555	8.35	0.0537	101	0.00399	0.000552	0.00000396	0.0052	0.00799	0.0593	0.0181	0.00000562	44	0.0000168	0.000709
2113 Feb	219	0.0338	0.00686	0.000555	8.35	0.0537	101	0.00399	0.000552	0.00000397	0.0052	0.00799	0.0594	0.0181	0.00000562	44	0.0000168	0.00071
2113 Mar	219	0.0339	0.00688	0.000557	8.37	0.0538	101	0.00401	0.000553	0.00000398	0.00522	0.00802	0.0596	0.0181	0.00000564	44.2	0.0000169	0.000712
2113 Apr	221	0.0341	0.00692	0.00056	8.42	0.0542	102	0.00403	0.000557	0.000004	0.00525	0.00807	0.0599	0.0182	0.00000567	44.4	0.000017	0.000716
2113 May	223	0.0347	0.00714	0.000569	8.62	0.0546	102	0.00406	0.000565	0.00000405	0.00531	0.00813	0.0603	0.0187	0.00000573	45	0.0000172	0.000724
2113 Jun	216	0.0341	0.00731	0.00056	8.64	0.0524	98.7	0.00393	0.000556	0.00000396	0.00519	0.00786	0.0579	0.0187	0.00000557	43.9	0.0000169	0.000704
2113 Jul	229	0.0347	0.0075	0.000578	8.89	0.0552	106	0.0042	0.000574	0.00000414	0.00538	0.00841	0.0613	0.0193	0.00000586	46.6	0.0000176	0.000744
2113 Aug	240	0.0349	0.00759	0.000588	9.02	0.0575	111	0.00442	0.000584	0.00000426	0.0055	0.00884	0.0642	0.0197	0.00000607	48.6	0.0000181	0.000776
2113 Sep	238	0.0346	0.0074	0.000579	8.86	0.0571	111	0.00438	0.000575	0.0000042	0.00543	0.00877	0.0638	0.0193	0.000006	48.1	0.0000178	0.000769
2113 Oct	225	0.0341	0.00691	0.000553	8.43	0.0543	104	0.00411	0.000549	0.00000399	0.0052	0.00823	0.0602	0.0182	0.00000568	45.2	0.0000169	0.000723
2113 Nov	222	0.0342	0.00683	0.00055	8.37	0.0538	102	0.00406	0.000547	0.00000396	0.00518	0.00812	0.0595	0.0181	0.00000563	44.6	0.0000167	0.000714
2113 Dec	222	0.0343	0.00683	0.000551	8.38	0.0538	102	0.00406	0.000547	0.00000396	0.00518	0.00812	0.0595	0.0181	0.00000563	44.6	0.0000167	0.000715
2114 Jan	222	0.0343	0.00683	0.000551	8.38	0.0538	102	0.00406	0.000547	0.00000397	0.00518	0.00812	0.0595	0.0181	0.00000563	44.6	0.0000167	0.000715
2114 Feb	222	0.0343	0.00683	0.000551	8.38	0.0539	102	0.00406	0.000547	0.00000397	0.00518	0.00812	0.0595	0.0181	0.00000563	44.6	0.0000167	0.000715
2114 Mar	222	0.0343	0.00684	0.000552	8.39	0.054	103	0.00407	0.000548	0.00000397	0.00519	0.00814	0.0596	0.0181	0.00000564	44.7	0.0000168	0.000716
2114 Apr	223	0.0345	0.00687	0.000554	8.43	0.0542	103	0.00409	0.000551	0.00000399	0.00521	0.00817	0.0599	0.0182	0.00000567	44.9	0.0000168	0.000719
2114 May	222	0.0349	0.00705	0.000556	8.57	0.0537	102	0.00404	0.000553	0.00000399	0.00521	0.00809	0.0592	0.0185	0.00000564	44.7	0.0000168	0.000715
2114 Jun	223	0.0357	0.0074	0.000567	8.87	0.0537	102	0.00406	0.000564	0.00000404	0.00529	0.00812	0.0592	0.0191	0.0000057	45.2	0.0000171	0.000721
2114 Jul	242	0.0374	0.00776	0.000596	9.32	0.0578	111	0.00443	0.000593	0.0000043	0.0056	0.00886	0.0642	0.0201	0.00000611	49	0.0000183	0.00078
2114 Aug	259	0.039	0.0081	0.000623	9.75	0.0615	119	0.00474	0.00062	0.00000453	0.00589	0.00948	0.0685	0.0211	0.00000647	52.2	0.0000192	0.00083
2114 Sep	255	0.0385	0.00783	0.00061	9.52	0.0606	118	0.00466	0.000606	0.00000444	0.00577	0.00932	0.0675	0.0206	0.00000635	51.2	0.0000188	0.000816
2114 Oct	247	0.038	0.00748	0.000591	9.2	0.059	114	0.00451	0.000588	0.00000431	0.00562	0.00902	0.0656	0.0199	0.00000615	49.5	0.0000182	0.00079
2114 Nov	239	0.0377	0.00722	0.000577	8.97	0.0575	110	0.00436	0.000574	0.00000419	0.0055	0.00872	0.0636	0.0193	0.00000598	47.9	0.0000177	0.000765
2114 Dec	239	0.0377	0.00722	0.000577	8.97	0.0574	110	0.00435	0.000574	0.00000419	0.0055	0.00871	0.0635	0.0193	0.00000598	47.9	0.0000177	0.000764
2115 Jan	239	0.0377	0.00722	0.000577	8.97	0.0574	110	0.00435	0.000574	0.00000419	0.0055	0.00871	0.0635	0.0193	0.00000598	47.9	0.0000177	0.000764
2115 Feb	239	0.0377	0.00722	0.000577	8.97	0.0575	110	0.00435	0.000574	0.00000419	0.0055	0.00871	0.0635	0.0193	0.00000598	47.9	0.0000177	0.000764
2115 Mar	239	0.0378	0.00722	0.000578	8.98	0.0575	110	0.00436	0.000575	0.0000042	0.0055	0.00872	0.0636	0.0193	0.00000598	47.9	0.0000177	0.000765
2115 Apr	240	0.038	0.00727	0.000581	9.03	0.0579	111	0.00438	0.000578	0.00000422	0.00553	0.00878	0.064	0.0194	0.00000602	48.2	0.0000178	0.000769
2115 May	239	0.0383	0.00744	0.000584	9.17	0.0574	110	0.00435	0.00058	0.00000422	0.00554	0.00872	0.0634	0.0197	0.000006	48.1	0.0000179	0.000767
2115 Jun	245	0.0398	0.00786	0.000603	9.58	0.0586	112	0.00446	0.0006	0.00000435	0.0057	0.00892	0.0647	0.0205	0.00000616	49.5	0.0000184	0.000787
2115 Jul	262	0.0411	0.00811	0.000626	9.93	0.0622	121	0.00478	0.000622	0.00000456	0.00595	0.00958	0.0689	0.0214	0.00000651	52.8	0.0000193	0.000837
2115 Aug	257	0.0394	0.00777	0.000608	9.58	0.0612	119	0.0047	0.000605	0.00000445	0.00577	0.00941	0.0679	0.0207	0.00000637	51.6	0.0000187	0.00082
2115 Sep	257	0.0391	0.00767	0.000606	9.51	0.0612	118	0.00468	0.000603	0.00000444	0.00574	0.00936	0.0678	0.0205	0.00000635	51.3	0.0000185	0.000816
2115 Oct	256	0.039	0.00759	0.000603	9.45	0.0611	118	0.00467	0.0006	0.00000442	0.00572	0.00935	0.0677	0.0204	0.00000633	51.2	0.0000184	0.000814
2115 Nov	253	0.0389	0.00746	0.000596	9.33	0.0605	117	0.00461	0.000593	0.00000437	0.00566	0.00922	0.0669	0.0201	0.00000625	50.5	0.0000182	0.000803
2115 Dec	253	0.0389	0.00746	0.000596	9.34	0.0605	116	0.0046	0.000593	0.00000437	0.00567	0.00922	0.0669	0.0201	0.00000625	50.5	0.0000182	0.000803
2116 Jan	253	0.0389	0.00746	0.000596	9.34	0.0605	116	0.0046	0.000593	0.00000437	0.00567	0.00922	0.0669	0.0201	0.00000625	50.5	0.0000182	0.000803
2116 Feb	253	0.0389	0.00746	0.000596	9.34	0.0605	117	0.00461	0.000593	0.00000437	0.00567	0.00923	0.0669	0.0201	0.00000625	50.5	0.0000182	0.000804
2116 Mar	253	0.039	0.00747	0.000597	9.35	0.0606	117	0.00461	0.000594	0.00000437	0.00567	0.00924	0.067	0.0201	0.00000626	50.6	0.0000182	0.000805

Appendix C.2-2: SP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2116 Apr	255	0.0392	0.00751	0.0006	9.4	0.0609	117	0.00464	0.000597	0.0000044	0.00571	0.00929	0.0674	0.0202	0.0000063	50.8	0.0000183	0.000809
2116 May	254	0.0396	0.00769	0.000605	9.55	0.0608	117	0.00462	0.000602	0.00000441	0.00573	0.00925	0.0672	0.0205	0.0000063	50.9	0.0000184	0.000809
2116 Jun	231	0.037	0.0076	0.000572	9.16	0.055	105	0.00418	0.000569	0.00000411	0.00533	0.00837	0.0605	0.0196	0.00000581	46.7	0.0000172	0.000741
2116 Jul	247	0.0382	0.00792	0.000599	9.54	0.0582	113	0.00448	0.000596	0.00000434	0.00561	0.00897	0.0644	0.0205	0.00000615	49.7	0.0000182	0.000787
2116 Aug	260	0.0393	0.00818	0.000621	9.87	0.061	119	0.00473	0.000618	0.00000452	0.00583	0.00946	0.0677	0.0213	0.00000644	52.3	0.000019	0.000827
2116 Sep	252	0.0383	0.00778	0.000599	9.48	0.0593	115	0.00458	0.000596	0.00000437	0.00565	0.00916	0.0657	0.0204	0.00000623	50.5	0.0000183	0.0008
2116 Oct	241	0.038	0.00739	0.000582	9.15	0.0573	110	0.00439	0.000579	0.00000422	0.00549	0.00877	0.0631	0.0196	0.000006	48.4	0.0000176	0.000766
2116 Nov	241	0.0382	0.00737	0.000582	9.15	0.0573	110	0.00438	0.000579	0.00000422	0.0055	0.00874	0.0629	0.0195	0.00000599	48.2	0.0000176	0.000764
2116 Dec	241	0.0382	0.00737	0.000582	9.15	0.0573	110	0.00437	0.00058	0.00000422	0.0055	0.00874	0.0629	0.0195	0.00000599	48.2	0.0000176	0.000764
2117 Jan	241	0.0382	0.00737	0.000582	9.15	0.0573	110	0.00437	0.00058	0.00000422	0.0055	0.00874	0.0629	0.0195	0.00000599	48.2	0.0000176	0.000764
2117 Feb	241	0.0382	0.00737	0.000582	9.15	0.0573	110	0.00437	0.00058	0.00000422	0.0055	0.00874	0.0629	0.0195	0.00000599	48.2	0.0000176	0.000764
2117 Mar	241	0.0382	0.00738	0.000583	9.16	0.0573	110	0.00438	0.00058	0.00000423	0.00551	0.00875	0.063	0.0195	0.000006	48.3	0.0000176	0.000765
2117 Apr	243	0.0385	0.00743	0.000587	9.23	0.0577	111	0.00441	0.000584	0.00000426	0.00554	0.00881	0.0635	0.0197	0.00000604	48.6	0.0000178	0.00077
2117 May	244	0.0392	0.00763	0.000595	9.42	0.058	111	0.00443	0.000593	0.0000043	0.00561	0.00886	0.0637	0.0201	0.0000061	49	0.000018	0.000776
2117 Jun	243	0.0398	0.00795	0.000605	9.67	0.0576	110	0.00441	0.000603	0.00000434	0.00566	0.0088	0.0631	0.0206	0.00000611	49.1	0.0000182	0.000776
2117 Jul	260	0.0415	0.0083	0.000635	10.1	0.0613	119	0.00475	0.000632	0.00000459	0.00595	0.00947	0.0673	0.0216	0.00000649	52.5	0.0000191	0.000828
2117 Aug	271	0.042	0.00839	0.000644	10.3	0.0634	124	0.00496	0.000642	0.00000471	0.00607	0.00989	0.0698	0.0219	0.00000669	54.5	0.0000195	0.000857
2117 Sep	274	0.0423	0.0084	0.000648	10.3	0.0641	126	0.00502	0.000645	0.00000474	0.00611	0.01	0.0706	0.022	0.00000675	55.1	0.0000197	0.000866
2117 Oct	270	0.0421	0.00825	0.000641	10.2	0.0633	124	0.00494	0.000638	0.00000469	0.00605	0.00986	0.0696	0.0217	0.00000666	54.3	0.0000194	0.000853
2117 Nov	268	0.0421	0.0082	0.000638	10.1	0.063	123	0.00492	0.000635	0.00000466	0.00603	0.0098	0.0692	0.0216	0.00000663	54	0.0000193	0.000848
2117 Dec	268	0.0421	0.00819	0.000638	10.1	0.063	123	0.00491	0.000635	0.00000466	0.00603	0.0098	0.0692	0.0216	0.00000663	54	0.0000193	0.000848
2118 Jan	268	0.0421	0.0082	0.000638	10.1	0.063	123	0.00491	0.000636	0.00000466	0.00603	0.0098	0.0692	0.0216	0.00000663	54	0.0000193	0.000848
2118 Feb	268	0.0421	0.0082	0.000638	10.2	0.063	123	0.00492	0.000636	0.00000466	0.00603	0.0098	0.0693	0.0216	0.00000663	54	0.0000193	0.000848
2118 Mar	269	0.0421	0.0082	0.000639	10.2	0.0631	123	0.00492	0.000636	0.00000467	0.00603	0.00981	0.0693	0.0216	0.00000664	54	0.0000193	0.000849
2118 Apr	270	0.0424	0.00825	0.000642	10.2	0.0633	124	0.00494	0.000639	0.00000469	0.00606	0.00985	0.0696	0.0217	0.00000666	54.3	0.0000194	0.000853
2118 May	263	0.0424	0.0085	0.000639	10.4	0.0615	120	0.0048	0.000636	0.00000463	0.00598	0.00957	0.0674	0.0219	0.00000654	53.3	0.0000192	0.000834
2118 Jun	244	0.0405	0.00848	0.000611	10.1	0.0566	111	0.00444	0.000609	0.00000438	0.00565	0.00885	0.0618	0.0213	0.00000613	49.9	0.0000182	0.000778
2118 Jul	263	0.0423	0.00893	0.000643	10.6	0.0607	120	0.00483	0.000641	0.00000465	0.00597	0.00962	0.0665	0.0225	0.00000655	53.9	0.0000193	0.000838
2118 Aug	263	0.0415	0.00878	0.000637	10.5	0.0606	120	0.00483	0.000634	0.00000462	0.00591	0.00961	0.0665	0.0222	0.00000652	53.7	0.0000191	0.000834
2118 Sep	247	0.0398	0.00816	0.000604	9.86	0.0575	113	0.00452	0.000602	0.00000437	0.0056	0.009	0.0627	0.0208	0.00000615	50.3	0.0000179	0.000783
2118 Oct	238	0.0394	0.00777	0.000586	9.52	0.0557	108	0.00435	0.000584	0.00000423	0.00545	0.00864	0.0604	0.02	0.00000594	48.3	0.0000173	0.000753
2118 Nov	236	0.0393	0.00767	0.000582	9.44	0.0553	107	0.0043	0.00058	0.00000419	0.00541	0.00855	0.0599	0.0198	0.00000589	47.8	0.0000171	0.000745
2118 Dec	236	0.0393	0.00768	0.000582	9.45	0.0553	107	0.0043	0.00058	0.00000419	0.00542	0.00856	0.0599	0.0198	0.00000589	47.8	0.0000171	0.000746
2119 Jan	236	0.0393	0.00768	0.000583	9.45	0.0553	107	0.0043	0.00058	0.00000419	0.00542	0.00856	0.0599	0.0198	0.00000589	47.8	0.0000171	0.000746
2119 Feb	236	0.0393	0.00768	0.000583	9.45	0.0553	107	0.0043	0.000581	0.00000419	0.00542	0.00856	0.0599	0.0198	0.00000589	47.8	0.0000172	0.000746
2119 Mar	237	0.0394	0.00769	0.000584	9.47	0.0555	107	0.00431	0.000582	0.0000042	0.00543	0.00858	0.0601	0.0199	0.00000591	47.9	0.0000172	0.000748
2119 Apr	239	0.04	0.00783	0.000589	9.62	0.0559	108	0.00434	0.000587	0.00000424	0.00548	0.00864	0.0605	0.0202	0.00000595	48.4	0.0000173	0.000754
2119 May	228	0.0405	0.00829	0.000583	9.91	0.0531	102	0.00412	0.000581	0.00000413	0.00533	0.0082	0.0571	0.0207	0.00000574	46.9	0.0000169	0.000727
2119 Jun	224	0.04	0.00832	0.000578	9.85	0.0519	99.9	0.00404	0.000576	0.00000408	0.00527	0.00804	0.0558	0.0206	0.00000565	46.1	0.0000168	0.000714
2119 Jul	241	0.0416	0.0087	0.000605	10.3	0.0553	108	0.00436	0.000603	0.00000432	0.00555	0.00868	0.0599	0.0216	0.00000602	49.5	0.0000178	0.000765
2119 Aug	247	0.042	0.00879	0.000616	10.5	0.0569	111	0.00449	0.000614	0.00000441	0.00565	0.00893	0.0616	0.0219	0.00000616	50.7	0.0000181	0.000785
2119 Sep	241	0.041	0.00845	0.0006	10.1	0.0556	108	0.00436	0.000598	0.00000429	0.00551	0.00869	0.0602	0.0212	0.000006	49.3	0.0000175	0.000763
2119 Oct	235	0.0404	0.00811	0.000584	9.82	0.0544	105	0.00424	0.000582	0.00000418	0.00538	0.00845	0.0587	0.0205	0.00000584	47.8	0.000017	0.000742
2119 Nov	232	0.0402	0.00798	0.000578	9.7	0.0538	104	0.00419	0.000576	0.00000413	0.00533	0.00834	0.058	0.0202	0.00000577	47.2	0.0000168	0.000732
2119 Dec	232	0.0402	0.00798	0.000578	9.71	0.0538	104	0.00419	0.000576	0.00000413	0.00533	0.00834	0.058	0.0202	0.00000577	47.2	0.0000168	0.000732

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000104	0.000627	0.0398	0.000005	0.888	1.27	0.0104	0.00014	2.81	0.000919	0.00647	0.0000322	0.0000257	0.0000411	0.0523	0.0000016	0.0000493	0.000206	0.00103	1.35E-12
Operation (2024-2031): Mean	0.000165	0.000924	0.0793	0.00000868	3.37	3.46	0.0789	0.000645	52.3	0.00238	0.0189	0.000116	0.000169	0.000086	0.431	0.0000222	0.000463	0.000329	0.00146	0.000461
Operation (2024-2031): Max	0.000434	0.00121	0.181	0.0000119	8.88	7.75	0.219	0.00132	165	0.00572	0.0398	0.000589	0.000416	0.000192	1.25	0.0000675	0.00142	0.00091	0.00212	0.00154
Active Closure (2032-2038): Min	0.000117	0.000632	0.0421	0.00000231	0.87	1.29	0.00949	0.000117	2.76	0.000695	0.00565	0.0000226	0.0000215	0.0000389	0.05	0.00000178	0.0000352	0.000189	0.00101	2.48E-17
Active Closure (2032-2038): Mean	0.000192	0.000941	0.105	0.00000934	1.23	2.06	0.0241	0.000419	4.65	0.00109	0.0104	0.000164	0.0000819	0.0000549	0.0829	0.00000199	0.0000809	0.000374	0.00132	0.00000459
Active Closure (2032-2038): Max	0.00046	0.00116	0.185	0.0000115	2.12	3.8	0.0765	0.000565	8.81	0.00172	0.0121	0.000642	0.000235	0.000115	0.155	0.0000023	0.000177	0.000967	0.0019	0.0000607
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Water quality guideline for the protection of terrestrial life	***0.05***	***0.5***	***-***	***0.003***	***-***	***-***	***-***	***0.5***	***-***	***1***	***-***	***0.1***	***-***	***0.05***	***-***	***-***	***0.2***	***0.1***	***50***	***-***
Post Closure (2039-2119): Min	0.000134	0.00073	0.0423	0.00000235	0.998	1.45	0.0142	0.000112	4.52	0.000681	0.0056	0.000127	0.0000536	0.0000502	0.0474	0.00000201	0.0000345	0.000215	0.00101	0.00000491
Post Closure (2039-2119): Mean	0.00034	0.00122	0.0932	0.0000131	10.5	9.65	0.103	0.00777	15.3	0.00374	0.0127	0.000257	0.000904	0.000609	0.429	0.000024	0.0017	0.000635	0.00177	0.00328
Post Closure (2039-2119): Max	0.000515	0.00194	0.122	0.0000211	18.6	16.9	0.163	0.011	56.2	0.00718	0.0162	0.000372	0.00176	0.000999	0.8	0.0000355	0.00355	0.000982	0.0026	0.00461
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Water quality guideline for the protection of terrestrial life	***0.05***	***0.5***	***-***	***0.003***	***-***	***-***	***-***	***0.5***	***-***	***1***	***-***	***0.1***	***-***	***0.05***	***-***	***-***	***0.2***	***0.1***	***50***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded. Light grey: exceeding WQG for aquatic life; Bold: exceeding WQG for terrestrial life; Darkgrey and bold: exceeding both.																				
Model Predictions (2024-2119)																				
2024 Jan	0.000144	0.000725	0.0398	0.000005	5.04	4.47	0.131	0.000718	93.3	0.00328	0.0239	0.000114	0.00022	0.000105	0.732	0.0000399	0.00077	0.000275	0.00121	0.000857
2024 Feb	0.000144	0.000725	0.0398	0.000005	5.04	4.47	0.131	0.000718	93.3	0.00328	0.0239	0.000114	0.00022	0.000105	0.732	0.0000399	0.00077	0.000275	0.00121	0.000857
2024 Mar	0.000145	0.000726	0.0399	0.00000501	5.05	4.47	0.131	0.000718	93.3	0.00328	0.0239	0.000114	0.00022	0.000106	0.733	0.0000399	0.00077	0.000275	0.00122	0.000858
2024 Apr	0.000145	0.000727	0.04	0.00000502	5.05	4.48	0.131	0.00072	93.5	0.00328	0.024	0.000114	0.000221	0.000106	0.734	0.00004	0.000772	0.000276	0.00122	0.000859
2024 May	0.00015	0.000743	0.0414	0.00000511	5.15	4.57	0.134	0.00073	95.2	0.00335	0.0245	0.00012	0.000224	0.000108	0.749	0.0000408	0.000784	0.000285	0.00124	0.000873
2024 Jun	0.000167	0.000805	0.0453	0.00000538	5.69	5.04	0.152	0.000778	106	0.00369	0.0275	0.00014	0.000236	0.000116	0.845	0.0000464	0.00085	0.000313	0.00136	0.00096
2024 Jul	0.000175	0.000843	0.0474	0.00000566	5.96	5.27	0.159	0.000815	111	0.00386	0.0287	0.000146	0.000248	0.000121	0.883	0.0000485	0.00089	0.000328	0.00142	0.00101
2024 Aug	0.000179	0.000867	0.0489	0.00000585	6.1	5.4	0.163	0.000836	113	0.00396	0.0294	0.00015	0.000254	0.000124	0.903	0.0000496	0.000911	0.000336	0.00146	0.00103
2024 Sep	0.000178	0.000867	0.0489	0.00000588	6.06	5.37	0.161	0.000838	112	0.00393	0.0291	0.000147	0.000254	0.000124	0.894	0.000049	0.000909	0.000333	0.00146	0.00102
2024 Oct	0.000179	0.000876	0.0492	0.00000594	6.12	5.42	0.161	0.000852	113	0.00396	0.0292	0.000147	0.00026	0.000127	0.897	0.000049	0.000922	0.000335	0.00146	0.00103
2024 Nov	0.000179	0.000877	0.0493	0.00000596	6.11	5.42	0.161	0.000853	113	0.00396	0.0292	0.000147	0.000259	0.000127	0.896	0.000049	0.000922	0.000335	0.00146	0.00103
2024 Dec	0.000179	0.000878	0.0494	0.00000596	6.12	5.43	0.161	0.000853	113	0.00396	0.0292	0.000147	0.00026	0.000127	0.897	0.000049	0.000923	0.000335	0.00146	0.00103
2025 Jan	0.000179	0.000878	0.0494	0.00000596	6.12	5.43	0.161	0.000853	113	0.00396	0.0292	0.000147	0.00026	0.000127	0.897	0.000049	0.000923	0.000335	0.00146	0.00103
2025 Feb	0.000179	0.000878	0.0494	0.00000596	6.12	5.43	0.161	0.000853	113	0.00397	0.0292	0.000147	0.00026	0.000127	0.897	0.000049	0.000923	0.000335	0.00146	0.00103
2025 Mar	0.000179	0.000878	0.0494	0.00000596	6.12	5.43	0.161	0.000853	113	0.00397	0.0292	0.000147	0.00026	0.000127	0.897	0.000049	0.000923	0.000335	0.00146	0.00103
2025 Apr	0.000179	0.000879	0.0494	0.00000597	6.12	5.43	0.161	0.000854	113	0.00397	0.0293	0.000147	0.00026	0.000127	0.898	0.0000491	0.000923	0.000335	0.00147	0.00103
2025 May	0.000182	0.000892	0.0501	0.00000605	6.21	5.51	0.164	0.000867	115	0.00403	0.0297	0.000149	0.000264	0.000129	0.911	0.0000498	0.000937	0.00034	0.00149	0.00105
2025 Jun	0.000187	0.000938	0.05	0.00000636	6.66	5.87	0.174	0.000939	124	0.00432	0.0316	0.000147	0.000286	0.000138	0.975	0.0000533	0.00102	0.000355	0.00158	0.00114
2025 Jul	0.000191	0.000993	0.0493	0.00000675	7.18	6.29	0.185	0.00103	134	0.00468	0.0337	0.000142	0.000316	0.000149	1.05	0.0000571	0.00111	0.00037	0.00168	0.00125
2025 Aug	0.000199	0.00103	0.0515	0.00000705	7.46	6.53	0.192	0.00107	139	0.00485	0.035	0.000148	0.000328	0.000155	1.08	0.0000592	0.00115	0.000384	0.00174	0.0013
2025 Sep	0.000201	0.00105	0.0518	0.00000714	7.57	6.64	0.193	0.0011	141	0.00491	0.035	0.000148	0.00034	0.00016	1.09	0.0000592	0.00118	0.000388	0.00175	0.00131
2025 Oct	0.000199	0.00104	0.0511	0.00000709	7.54	6.62	0.189	0.00111	140	0.00488	0.0343	0.000144	0.000347	0.000162	1.07	0.0000578	0.00119	0.000383	0.00173	0.00131
2025 Nov	0.000196	0.00103	0.0507	0.00000703	7.43	6.53	0.186	0.0011	138	0.00481	0.0338	0.000142	0.000342	0.00016	1.05	0.0000569	0.00118	0.000378	0.00171	0.00129
2025 Dec	0.000196	0.00103	0.0508	0.00000703	7.43	6.53	0.186	0.0011	138	0.00481	0.0338	0.000142	0.000342	0.00016	1.05	0.000057	0.00118	0.000378	0.00171	0.00129
2026 Jan	0.000197	0.00103	0.0508	0.00000703	7.43	6.53	0.186	0.0011	138	0.00481	0.0338	0.000142	0.000342	0.00016	1.05	0.000057	0.00118	0.000378	0.00171	0.00129
2026 Feb	0.000197	0.00103	0.0508	0.00000703	7.43	6.53	0.186	0.0011	138	0.00481	0.0338	0.000142	0.000342	0.00016	1.05	0.000057	0.00118	0.000378	0.00171	0.00129
2026 Mar	0.000197	0.00103	0.0508	0.00000704	7.44	6.54	0.186	0.0011	138	0.00481	0.0339	0.000142	0.000343	0.00016	1.06	0.000057	0.00118	0.000379	0.00171	0.00129
2026 Apr	0.000197	0.00104	0.051	0.00000706	7.46	6.56	0.187	0.0011	138	0.00483	0.034	0.000142	0.000344	0.000161	1.06	0.0000572	0.00118	0.00038	0.00171	0.00129
2026 May	0.0002	0.00105	0.0516	0.00000714	7.55	6.63	0.189	0.00111	140	0.00488	0.0344	0.000144	0.000348	0.000163	1.07	0.0000578	0.0012	0.000384	0.00173	0.00131
2026 Jun	0.000208	0.00112	0.0512	0.00000746	8.33	7.26	0.207	0.00123	155	0.00536	0.0374	0.000144	0.000388	0.000179	1.18	0.0000636	0.00133	0.000403	0.00186	0.00145
2026 Jul	0.000217	0.00118	0.0532	0.00000786	8.77	7.64	0.217	0.0013	163	0.00564	0.0392	0.000149	0.000411	0.000189	1.24	0.0000667	0.00141	0.000422	0.00196	0.00153
2026 Aug	0.000222	0.00121	0.0555	0.00000816	8.88	7.75	0.219	0.00132	165	0.00572	0.0398	0.000151	0.000416	0.000192	1.25	0.0000675	0.00142	0.000428	0.002	0.00154
2026 Sep	0.000213	0.0012	0.0622	0.00000862	7.92	7.03	0.193	0.00123	144	0.00514	0.0364	0.000135	0.000366	0.000174	1.1	0.0000592	0.00126	0.000401	0.00191	0.00135
2026 Oct	0.000174	0.00109	0.0744	0.00000904	4.93	4.72	0.113	0.000939	83.1	0.00331	0.0253	0.0000839	0.000215	0.000115	0.652	0.0000342	0.000743	0.000309	0.00154	0.000758
2026 Nov	0.000175	0.0011	0.0752	0.00000913	4.95	4.75	0.113	0.000946	83.4	0.00333	0.0255	0.0000843	0.000215	0.000115	0.655	0.0000343	0.000746	0.000311	0.00155	0.00076
2026 Dec	0.000176	0.0011	0.0752	0.00000914	4.96	4.75	0.113	0.000947	83.5	0.00334	0.0255	0.0000844	0.000216	0.000115	0.655	0.0000343	0.000747	0.000311	0.00155	0.000761
2027 Jan	0.000176	0.0011	0.0752	0.00000914	4.96	4.75	0.113	0.000947	83.5	0.00334	0.0255	0.0000844	0.000216	0.000116	0.655	0.0000343	0.000747	0.000311	0.00155	0.000761
2027 Feb	0.000176	0.0011	0.0753	0.00000914	4.96	4.75	0.113	0.000947	83.5	0.00334	0.0255	0.0000844	0.000216	0.000116	0.655	0.0000343	0.000747	0.000311	0.00155	0.000761
2027 Mar	0.000176	0.0011	0.0754	0.00000915	4.97	4.76	0.113	0.000948	83.6	0.00334	0.0256	0.0000846	0.000216	0.000116	0.656	0.0000344	0.000748	0.000312	0.00155	0.000763
2027 Apr	0.000178	0.00112	0.0763	0.00000927	5.03	4.82	0.115	0.000961	84.7	0.00338	0.0259	0.0000857	0.000219	0.000117	0.665	0.0000348	0.000758	0.000316	0.00157	0.000772
2027 May	0.000198	0.00116	0.0835	0.00000967	5.16	5.01	0.119	0.00098	86.2	0.00348	0.0266	0.000112	0.000228	0.000122	0.68	0.0000354	0.000771	0.000354	0.00165	0.000784
2027 Jun	0.000167	0.000797	0.0908	0.00000948	2.24	2.56	0.0536	0.000373	28.4	0.00178	0.0142	0.000166	0.00022	0.0000721	0.25	0.0000122	0.000271	0.000494	0.00185	0.00024
2027 Jul	0.000176	0.000686	0.0926	0.00000856	1.46	1.97	0.039	0.000214	13.2	0.00128	0.0103	0.000209	0.000191	0.000059	0.138	0.00000583	0.000136	0.000511	0.00168	0.0000966
2027 Aug	0.000267	0.000627	0.104	0.00000588	1.05	2.07	0.0453	0.00014	4.55	0.000919	0.00647	0.000374	0.000115	0.0000596	0.0876	0.0000016	0.0000493	0.000553	0.00103	0.00000985
2027 Sep	0.000201	0.000771	0.0972	0.00000779	1.09	1.93	0.029	0.00033	4.41	0.000959	0.00847	0.000211	0.0000717	0.0000523	0.081	0.00000179	0.0000639	0.000376	0.00107	0.00000534
2027 Oct	0.000166	0.000864	0.0945	0.00000873	1.09	1.85	0.0195	0.000444	4.31	0.000966	0.00978	0.000119	0.0000467	0.0000459	0.0769	0.00000186	0.0000739	0.000288	0.00107	0.00000278
2027 Nov	0.00016	0.000882	0.0944	0.00000891	1.1	1.85	0.0181	0.000464	4.31	0.000971	0.01	0.000105	0.0000429	0.0000451	0.0765	0.00000188	0.0000758	0.000275	0.00108	0.00000238
2027 Dec	0.00016	0.000883	0.0944	0.00000892	1.1	1.85	0.018	0.000465	4.31	0.000971	0.01	0.000103	0.0000426	0.000045	0.0765	0.00000188	0.0000759	0.000274	0.00108	0.00000235
2028 Jan	0.00016	0.000883	0.0944	0.00000892	1.1	1.85	0.018	0.000465	4.31	0.000971	0.01	0.000103	0.0000426	0.000045	0.0765	0.00000188	0.0000759	0.000274	0.00108	0.00000235
2028 Feb	0.00016	0.000883	0.0944	0.00000892	1.1	1.85	0.018	0.000465	4.31	0.000971	0.01	0.000103	0.0000426	0.000045	0.0765	0.00000188	0.0000759	0.000274	0.00108	0.00000235
2028 Mar	0.00016	0.000883	0.0944	0.00000892	1.1	1.85	0.018	0.000465	4.31	0.000971	0.01	0.000104	0.0000426	0.000045	0.0765	0.00000189	0.0000759	0.000274	0.00108	0.00000235
2028 Apr	0.000161	0.000889	0.0951	0.00000899	1.11	1.86	0.0181	0.000469	4.34	0.000978	0.0101	0.000104	0.0000429	0.0000453	0.0771	0.0000019	0.0000765	0.000276	0.00108	0.00000237
2028 May	0.000166	0.000915	0.0979	0.00000924	1.14	1.91	0.0186	0.000482	4.46	0.00101	0.0104	0.000107	0.0000441	0.0000466	0.0793	0.00000195	0.0000787	0.000284	0.00112	0.00000244
2028 Jun	0.000125	0.000715	0.0873	0.00000947	0.962	1.45	0.0163	0.000252	3.25	0.000981	0.00937	0.000104	0.00015	0.0000436	0.06	0.00000194	0.0000605	0.000402	0.00165	0.000000986

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Jul	0.000116	0.000691	0.0884	0.00001	0.949	1.36	0.016	0.000187	3.01	0.00102	0.00947	0.000107	0.000187	0.0000447	0.0563	0.00000203	0.000057	0.000445	0.00189	0.000000514
2028 Aug	0.000135	0.000837	0.103	0.0000119	1.14	1.63	0.018	0.000252	3.69	0.0012	0.0111	0.000117	0.000198	0.0000539	0.0679	0.0000024	0.0000678	0.00047	0.00212	0.000000529
2028 Sep	0.000137	0.000905	0.103	0.0000117	1.18	1.73	0.0159	0.000363	4	0.00118	0.0115	0.0000887	0.000146	0.000052	0.0721	0.00000236	0.0000752	0.00039	0.00186	0.000000373
2028 Oct	0.000126	0.000927	0.092	0.00000997	1.09	1.72	0.0106	0.000505	4.05	0.000999	0.011	0.0000348	0.0000493	0.0000411	0.0706	0.000002	0.0000804	0.000234	0.00124	0.000000089
2028 Nov	0.000127	0.000942	0.0928	0.00001	1.1	1.75	0.0105	0.000521	4.11	0.001	0.0111	0.0000322	0.0000445	0.0000411	0.0716	0.00000201	0.0000819	0.000229	0.00122	7.41E-08
2028 Dec	0.000127	0.000943	0.0929	0.00001	1.1	1.75	0.0105	0.000521	4.12	0.001	0.0111	0.0000323	0.0000445	0.0000412	0.0717	0.00000201	0.000082	0.000229	0.00122	7.42E-08
2029 Jan	0.000127	0.000943	0.0929	0.00001	1.1	1.75	0.0105	0.000521	4.12	0.001	0.0111	0.0000323	0.0000445	0.0000412	0.0717	0.00000201	0.000082	0.000229	0.00122	7.42E-08
2029 Feb	0.000127	0.000943	0.0929	0.00001	1.1	1.75	0.0105	0.000521	4.12	0.001	0.0111	0.0000323	0.0000445	0.0000412	0.0717	0.00000201	0.000082	0.000229	0.00122	7.42E-08
2029 Mar	0.000127	0.000943	0.0929	0.00001	1.11	1.75	0.0105	0.000521	4.12	0.00101	0.0111	0.0000323	0.0000445	0.0000412	0.0717	0.00000201	0.000082	0.000229	0.00122	7.42E-08
2029 Apr	0.000128	0.000945	0.0931	0.0000101	1.11	1.75	0.0105	0.000522	4.13	0.00101	0.0112	0.0000324	0.0000446	0.0000413	0.0719	0.00000201	0.0000822	0.00023	0.00122	7.44E-08
2029 May	0.00013	0.000962	0.0948	0.0000102	1.13	1.78	0.0108	0.000531	4.2	0.00103	0.0114	0.0000336	0.0000455	0.000042	0.0732	0.00000205	0.0000836	0.000235	0.00125	7.56E-08
2029 Jun	0.000144	0.000885	0.0983	0.0000103	1.11	1.75	0.0161	0.000402	3.91	0.00107	0.0109	0.0000905	0.000107	0.0000465	0.0714	0.00000207	0.000075	0.000358	0.00154	5.19E-08
2029 Jul	0.000106	0.000664	0.0831	0.00000949	0.888	1.27	0.014	0.000184	2.81	0.000951	0.00896	0.0000937	0.000168	0.0000413	0.0523	0.0000019	0.0000537	0.000394	0.00174	0.000000014
2029 Aug	0.00011	0.000756	0.0862	0.0000102	0.998	1.41	0.0132	0.000269	3.33	0.00101	0.00936	0.0000799	0.000124	0.0000472	0.0596	0.00000205	0.0000583	0.000291	0.0016	9.27E-09
2029 Sep	0.000118	0.000845	0.0895	0.0000106	1.08	1.58	0.0124	0.000382	3.78	0.00105	0.0101	0.0000597	0.0000901	0.0000484	0.0667	0.00000211	0.000068	0.00025	0.00148	6.16E-09
2029 Oct	0.000122	0.000899	0.0909	0.0000103	1.1	1.67	0.0111	0.000461	3.98	0.00103	0.0106	0.000043	0.0000613	0.0000448	0.0695	0.00000206	0.0000753	0.000227	0.00132	3.64E-09
2029 Nov	0.000122	0.000907	0.0897	0.00000995	1.08	1.68	0.0104	0.000488	3.99	0.000993	0.0107	0.0000344	0.0000468	0.0000422	0.0694	0.00000199	0.0000772	0.000212	0.00122	2.41E-09
2029 Dec	0.000122	0.000907	0.0898	0.00000996	1.08	1.68	0.0104	0.000489	3.99	0.000994	0.0107	0.0000344	0.0000469	0.0000422	0.0695	0.00000199	0.0000773	0.000212	0.00122	2.41E-09
2030 Jan	0.000122	0.000907	0.0898	0.00000996	1.08	1.68	0.0104	0.000489	3.99	0.000994	0.0107	0.0000344	0.0000469	0.0000422	0.0695	0.00000199	0.0000773	0.000212	0.00122	2.41E-09
2030 Feb	0.000122	0.000908	0.0898	0.00000996	1.08	1.68	0.0104	0.000489	3.99	0.000994	0.0107	0.0000344	0.0000469	0.0000423	0.0695	0.00000199	0.0000773	0.000212	0.00122	2.41E-09
2030 Mar	0.000122	0.000909	0.0899	0.00000998	1.08	1.68	0.0104	0.000489	4	0.000996	0.0107	0.0000345	0.0000469	0.0000423	0.0696	0.000002	0.0000774	0.000213	0.00122	2.41E-09
2030 Apr	0.000122	0.000912	0.0902	0.00001	1.09	1.69	0.0104	0.000491	4.01	0.000999	0.0107	0.0000346	0.0000471	0.0000424	0.0698	0.000002	0.0000777	0.000213	0.00123	2.42E-09
2030 May	0.000126	0.00094	0.093	0.0000103	1.12	1.74	0.0107	0.000506	4.14	0.00103	0.0111	0.0000357	0.0000486	0.0000438	0.072	0.00000206	0.0000801	0.00022	0.00127	2.5E-09
2030 Jun	0.00011	0.000737	0.0862	0.00001	0.968	1.4	0.0131	0.000272	3.17	0.001	0.00976	0.0000733	0.00015	0.0000428	0.0579	0.000002	0.0000622	0.000374	0.00172	1.06E-09
2030 Jul	0.000104	0.000694	0.085	0.00000989	0.914	1.29	0.0133	0.000194	2.91	0.000979	0.00925	0.0000879	0.000166	0.0000424	0.0533	0.00000198	0.0000552	0.000378	0.00177	5.07E-10
2030 Aug	0.000112	0.000816	0.0942	0.0000109	1.02	1.45	0.0132	0.000244	3.41	0.00106	0.00998	0.0000927	0.000135	0.0000479	0.0604	0.00000217	0.0000597	0.000297	0.00169	3.53E-10
2030 Sep	0.000122	0.000899	0.101	0.0000117	1.13	1.61	0.0139	0.000308	3.83	0.00115	0.0109	0.0000896	0.00013	0.0000524	0.0675	0.00000235	0.0000672	0.000297	0.00176	3.31E-10
2030 Oct	0.000124	0.00092	0.097	0.0000109	1.12	1.67	0.0121	0.000405	3.96	0.00108	0.011	0.0000624	0.0000876	0.0000471	0.0691	0.00000219	0.0000735	0.000257	0.00149	2.05E-10
2030 Nov	0.000124	0.000925	0.095	0.0000106	1.1	1.68	0.0113	0.000442	3.99	0.00105	0.0109	0.0000511	0.0000701	0.0000448	0.0695	0.00000211	0.0000758	0.000239	0.00138	1.53E-10
2030 Dec	0.000124	0.000926	0.0951	0.0000106	1.11	1.68	0.0113	0.000443	3.99	0.00105	0.011	0.0000512	0.0000702	0.0000448	0.0696	0.00000212	0.0000759	0.000239	0.00138	1.53E-10
2031 Jan	0.000124	0.000926	0.0951	0.0000106	1.11	1.68	0.0113	0.000443	3.99	0.00105	0.011	0.0000512	0.0000702	0.0000448	0.0696	0.00000212	0.0000759	0.000239	0.00138	1.53E-10
2031 Feb	0.000124	0.000926	0.0951	0.0000106	1.11	1.68	0.0113	0.000443	3.99	0.00105	0.011	0.0000512	0.0000702	0.0000448	0.0696	0.00000212	0.0000759	0.000239	0.00138	1.53E-10
2031 Mar	0.000124	0.000927	0.0951	0.0000106	1.11	1.68	0.0113	0.000443	4	0.00105	0.011	0.0000512	0.0000702	0.0000448	0.0696	0.00000212	0.000076	0.000239	0.00138	1.53E-10
2031 Apr	0.000125	0.000936	0.0961	0.0000107	1.12	1.7	0.0114	0.000448	4.04	0.00106	0.0111	0.0000517	0.000071	0.0000453	0.0703	0.00000214	0.0000767	0.000242	0.0014	1.54E-10
2031 May	0.000199	0.00101	0.117	0.000011	1.29	2.15	0.025	0.000429	4.64	0.00119	0.0115	0.000174	0.0000943	0.0000581	0.0872	0.00000219	0.000079	0.00039	0.0015	1.38E-10
2031 Jun	0.000425	0.00107	0.172	0.0000101	1.65	3.32	0.0689	0.00026	5.85	0.00147	0.011	0.000581	0.000181	0.0000936	0.131	0.00000202	0.0000722	0.000884	0.00171	3.96E-11
2031 Jul	0.000434	0.00115	0.181	0.0000112	1.74	3.44	0.07	0.000276	6.14	0.00157	0.0119	0.000589	0.000195	0.0000979	0.136	0.00000223	0.0000773	0.00091	0.00188	3.95E-11
2031 Aug	0.000309	0.00107	0.148	0.0000114	1.53	2.75	0.0469	0.000324	5.41	0.0014	0.0113	0.000383	0.000136	0.0000819	0.111	0.00000228	0.0000729	0.000587	0.00167	2.38E-11
2031 Sep	0.000182	0.000946	0.105	0.0000102	1.23	2.03	0.0222	0.000453	4.5	0.00111	0.0105	0.000143	0.0000597	0.0000566	0.0837	0.00000205	0.0000745	0.000299	0.00127	8.25E-12
2031 Oct	0.000134	0.00094	0.092	0.00000961	1.1	1.78	0.0114	0.000534	4.16	0.000978	0.0108	0.0000406	0.0000263	0.0000413	0.0729	0.00000192	0.000081	0.000207	0.00109	1.48E-12
2031 Nov	0.000134	0.000946	0.0923	0.00000967	1.1	1.79	0.0112	0.00054	4.18	0.000981	0.0109	0.0000386	0.0000257	0.0000412	0.0732	0.00000193	0.0000817	0.000206	0.00109	1.35E-12
2031 Dec	0.000134	0.000947	0.0924	0.00000967	1.11	1.79	0.0112	0.00054	4.18	0.000982	0.0109	0.0000386	0.0000257	0.0000412	0.0732	0.00000193	0.0000818	0.000206	0.00109	1.35E-12
2032 Jan	0.000134	0.000947	0.0924	0.00000967	1.11	1.79	0.0112	0.00054	4.18	0.000982	0.0109	0.0000386	0.0000257	0.0000412	0.0732	0.00000193	0.0000818	0.000206	0.00109	1.35E-12
2032 Feb	0.000134	0.000947	0.0924	0.00000967	1.11	1.79	0.0112	0.00054	4.18	0.000982	0.0109	0.0000386	0.0000257	0.0000412	0.0732	0.00000193	0.0000818	0.000206	0.00109	1.35E-12
2032 Mar	0.000134	0.000947	0.0925	0.00000968	1.11	1.79	0.0112	0.00054	4.19	0.000983	0.0109	0.0000386	0.0000258	0.0000413	0.0732	0.00000194	0.0000818	0.000207	0.00109	1.35E-12
2032 Apr	0.000135	0.000953	0.093	0.00000974	1.11	1.8	0.0113	0.000543	4.21	0.000988	0.011	0.0000389	0.0000259	0.0000415	0.0737	0.00000195	0.0000823	0.000208	0.0011	1.35E-12
2032 May	0.000143	0.000982	0.0969	0.00001	1.15	1.88	0.0125	0.000556	4.36	0.00102	0.0113	0.0000482	0.0000285	0.0000435	0.0767	0.000002	0.0000846	0.000223	0.00114	1.38E-12
2032 Jun	0.000156	0.000756	0.0967	0.00000961	1.03	1.65	0.0217	0.000254	3.44	0.00104	0.00961	0.000153	0.000155	0.0000488	0.0669	0.00000192	0.0000615	0.000457	0.00168	4.54E-13
2032 Jul	0.000117	0.000632	0.0823	0.00000888	0.87	1.29	0.0165	0.000169	2.76	0.000919	0.00845	0.000117	0.000164	0.0000417	0.053	0.00000178	0.0000507	0.00041	0.00165	2.14E-13
2032 Aug	0.000118	0.000663	0.0838	0.0000092	0.907	1.34	0.0163	0.000194	2.92	0.000947	0.00866	0.000112	0.000155	0.0000436	0.0553	0.00000184	0.0000526	0.000387	0.00164	1.98E-13
2032 Sep	0.000124	0.000727	0.0878	0.00000971	0.977	1.45	0.016	0.000251	3.22	0.000996	0.00929	0.000104	0.000143	0.0000457	0.0601	0.00000194	0.0000585	0.000371	0.00164	1.79E-13
2032 Oct	0.000128	0.000797	0.091	0.00000998	1.03	1.56	0.015	0.000325	3.52	0.00102	0.00995	0.0000887	0.00012	0.0000455	0.0643	0.000002	0.0000657	0.000343	0.00156	1.46E-13
2032 Nov	0.000128	0.000818	0.0914	0.00001	1.04	1.59	0.0145	0.000352	3.61	0.00102	0.0101	0.0000816	0.00011	0.000045	0.0655	0.000002	0.000068	0.000329	0.00152	1.31E-13
2032 Dec	0.000127	0.000831	0.0908	0.0000099	1.04	1.6	0.0137	0.000376	3.65	0.00101	0.0102	0.0000733	0.0000982	0.0000439	0.0659	0.00000198	0.0000696	0.00031	0.00145	1.14E-13
2033 Jan	0.000127	0.000831	0.0908	0.0000099	1.04	1.6	0.0137	0.000376	3.65	0.00101	0.0102	0.0000733	0.0000982	0.0000439	0.0659	0.00000198	0.0000696	0.00031	0.00145	1.14E-13
2033 Feb	0.000127	0.000831	0.0909	0.00000991	1.04	1.6	0.0137	0.000376	3.66	0.00101	0.0102	0.0000734	0.0000983	0.000044	0.0659	0.00000198	0.0000696	0.00031	0.00145	1.14E-13
2033 Mar	0.000127	0.000834	0.0911	0.00000994	1.05	1.61	0.0138	0.000377	3.67	0.00101	0.0102	0.0000736	0.0000986	0.0000441	0.0661	0.00000199	0.0000698	0.000311	0.00146	1.14E-13
2033 Apr	0.000129	0.000846	0.0925	0.0000101	1.06	1.63	0.014	0.000383	3.72	0.00102	0.0104	0.0000747	0.0001	0.0000448	0.0671	0.00000202	0.0000709	0.000316	0.00148	1.16E-13
2033 May	0.000331	0.00102	0.147	0.0000102	1.48	2.8	0.051	0.000319	5.24	0.00134	0.011	0.000413	0.000152	0.0000782	0.111	0.00000205	0.0000737	0.000698	0.00164	7.37E-14
2033 Jun	0.000452	0.00101	0.174	0.0000093	1.64	3.39	0.0752	0.000198	5.76	0.00145	0.0102	0.000642	0.000194	0.0000964	0.133	0.00000186	0.0000657	0.000953	0.00168	1.75E-14
2033 Jul	0.000445	0.00103	0.175	0.00000978	1.65	3.37	0.0737	0.000203	5.78	0.00148	0.0105	0.000628	0.000201	0.0000965	0.132	0.00000196	0.0000674	0.000948	0.00176	1.69E-14
2033 Aug	0.00046	0.00112	0.185	0.0000108	1.77	3.55	0.0755	0.000239	6.2	0.00159	0.0115	0.000641	0.000207	0.000102	0.14	0.00000217	0.0000737	0.000967	0.00189	1.71E-14
2033 Sep	0.000241	0.000983	0.121	0.0000101	1.33	2.35	0.033	0.000429	4.84	0.00119	0.0108	0.00024	0.0000863	0.0000637	0.0952	0.00000202	0.0000765	0.000449	0.00136	6.12E-15
2033 Oct	0.000145	0.000925	0.0937	0.00000938	1.1	1.82	0.0138	0.000513	4.14	0.000976	0.0106	0.0000646	0.0000327	0.0000424	0.074	0.00000188	0.0000792	0.000238	0.00109	1.29E-15
2033 Nov	0.000143	0.000932	0.0935	0.00000944	1.1	1.81	0.0132	0.000521	4.16	0.000977	0.0107	0.0000584	0.000031	0.000042	0.0739	0.00000189	0.0000801	0.000232	0.00109	1.12E-15
2033 Dec	0.000143	0.000932	0.0936	0.00000945	1.1	1.81	0.0133	0.000521	4.16	0.000978	0.0107	0.0000585	0.000031	0.0000421	0.074	0.00000189	0.0000801	0.000232	0.00109	1.12E-15
2034 Jan	0.000143	0.000932	0.0936	0.00000945	1.1	1.81	0.0133	0.000521	4.16	0.000978	0.0107	0.0000585	0.000031	0.0000421	0.074	0.00000189	0.0000801	0.000232	0.00109	1.12E-15
2034 Feb	0.000143	0.000932	0.0936	0.00000945	1.1	1.81	0.0133	0.000521	4.16	0.000978	0.0107	0.0000585	0.000031	0.0000421	0.074	0.00000189	0.0000801	0.000232	0.00109	1.12E-15
2034 Mar	0.000143	0.000933	0.0937	0.00000945	1.1	1.82	0.0133	0.000522	4.16	0.000978	0.0107	0.0000585	0.000031	0.0000421	0.074	0.00000189	0.0000802	0.000232	0.00109	1.12E-15
2034 Apr	0.000144	0.00094	0.0944	0.00000953	1.11	1.83	0.0134	0.000526	4.2	0.000986	0.0108	0.000059	0.0000313	0.0000424	0.0746	0.00000191	0.0000808	0.000234	0.0011	1.13E-15
2034 May	0.000194	0.000994	0.109	0.00000982	1.23	2.13	0.0226	0.000509	4.61	0.00109	0.0112	0.000143	0.0000503	0.0000516	0.0862	0.00000196	0.0000824	0.000338	0.00119	1.06E-15

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Jun	0.000363	0.00102	0.153	0.00000958	1.51	2.97	0.0566	0.000322	5.42	0.00133	0.0107	0.000465	0.000141	0.0000808	0.117	0.00000192	0.0000731	0.000735	0.00151	4.78E-16
2034 Jul	0.000344	0.00101	0.149	0.00000985	1.48	2.86	0.0534	0.00031	5.28	0.00132	0.0108	0.000438	0.000146	0.0000787	0.113	0.00000197	0.0000724	0.000711	0.00157	4.39E-16
2034 Aug	0.000366	0.00114	0.163	0.0000113	1.65	3.12	0.0562	0.00037	5.89	0.00148	0.0121	0.000454	0.000154	0.0000873	0.124	0.00000227	0.0000817	0.000741	0.00174	4.53E-16
2034 Sep	0.000217	0.00103	0.118	0.0000104	1.31	2.28	0.0272	0.00049	4.85	0.00117	0.0115	0.000184	0.0000708	0.0000582	0.0923	0.00000208	0.000083	0.000396	0.00134	1.72E-16
2034 Oct	0.000138	0.00095	0.0935	0.00000961	1.11	1.81	0.0118	0.000542	4.2	0.000981	0.011	0.000044	0.000027	0.000041	0.0738	0.00000192	0.0000824	0.000219	0.00109	2.69E-17
2034 Nov	0.000138	0.000959	0.094	0.00000969	1.12	1.82	0.0117	0.000548	4.23	0.000988	0.0111	0.0000422	0.0000266	0.0000412	0.0742	0.00000194	0.0000832	0.000219	0.0011	2.49E-17
2034 Dec	0.000138	0.00096	0.0941	0.0000097	1.12	1.82	0.0117	0.000548	4.23	0.000989	0.0111	0.0000422	0.0000266	0.0000412	0.0743	0.00000194	0.0000833	0.000219	0.0011	2.49E-17
2035 Jan	0.000138	0.00096	0.0941	0.0000097	1.12	1.82	0.0117	0.000548	4.23	0.000989	0.0111	0.0000422	0.0000266	0.0000412	0.0743	0.00000194	0.0000833	0.000219	0.0011	2.49E-17
2035 Feb	0.000138	0.00096	0.0941	0.0000097	1.12	1.82	0.0117	0.000548	4.23	0.000989	0.0111	0.0000422	0.0000266	0.0000412	0.0743	0.00000194	0.0000833	0.000219	0.0011	2.49E-17
2035 Mar	0.000138	0.00096	0.0942	0.00000971	1.12	1.82	0.0117	0.000549	4.24	0.00099	0.0111	0.0000422	0.0000266	0.0000412	0.0744	0.00000194	0.0000834	0.000219	0.0011	2.49E-17
2035 Apr	0.000139	0.000969	0.095	0.00000979	1.13	1.84	0.0118	0.000553	4.27	0.000998	0.0112	0.0000426	0.0000269	0.0000416	0.075	0.00000196	0.0000841	0.000221	0.00111	2.51E-17
2035 May	0.000171	0.00102	0.106	0.0000102	1.22	2.06	0.0174	0.000557	4.61	0.00108	0.0117	0.0000918	0.0000385	0.0000479	0.0835	0.00000204	0.000087	0.000286	0.00119	2.48E-17
2035 Jun	0.000281	0.00086	0.129	0.00000937	1.29	2.38	0.0442	0.000232	4.46	0.0012	0.00979	0.000359	0.000171	0.0000686	0.0945	0.00000187	0.000065	0.000665	0.00166	0.00000107
2035 Jul	0.000253	0.000839	0.123	0.00000971	1.24	2.21	0.0395	0.000216	4.24	0.00119	0.00986	0.000318	0.000181	0.0000654	0.0883	0.00000194	0.0000644	0.000637	0.00176	0.00000129
2035 Aug	0.000197	0.000851	0.107	0.0000103	1.22	1.99	0.0282	0.000319	4.26	0.00116	0.00974	0.000204	0.000121	0.0000627	0.0825	0.00000206	0.0000655	0.000417	0.00155	0.000000782
2035 Sep	0.000131	0.000894	0.0888	0.00000973	1.1	1.73	0.0123	0.000498	4.09	0.000994	0.0103	0.0000477	0.0000357	0.0000451	0.0721	0.00000195	0.0000759	0.000202	0.00114	0.000000127
2035 Oct	0.000127	0.000944	0.0906	0.00000971	1.1	1.76	0.00994	0.000549	4.16	0.000976	0.0109	0.0000254	0.0000233	0.0000403	0.0721	0.00000194	0.0000824	0.000194	0.00109	3.02E-08
2035 Nov	0.000124	0.00093	0.0889	0.0000095	1.07	1.72	0.00949	0.000543	4.08	0.000953	0.0108	0.0000226	0.0000215	0.0000389	0.0706	0.0000019	0.0000813	0.000189	0.00106	1.96E-08
2035 Dec	0.000124	0.000931	0.089	0.00000951	1.08	1.72	0.0095	0.000543	4.08	0.000954	0.0108	0.0000226	0.0000215	0.000039	0.0707	0.0000019	0.0000814	0.000189	0.00106	1.96E-08
2036 Jan	0.000124	0.000931	0.089	0.00000951	1.08	1.72	0.0095	0.000543	4.08	0.000954	0.0108	0.0000226	0.0000215	0.000039	0.0707	0.0000019	0.0000814	0.000189	0.00106	1.96E-08
2036 Feb	0.000124	0.000931	0.089	0.00000951	1.08	1.72	0.0095	0.000543	4.08	0.000954	0.0108	0.0000226	0.0000215	0.000039	0.0707	0.0000019	0.0000814	0.000189	0.00106	1.96E-08
2036 Mar	0.000124	0.000931	0.089	0.00000951	1.08	1.72	0.0095	0.000543	4.08	0.000954	0.0108	0.0000226	0.0000215	0.000039	0.0707	0.0000019	0.0000814	0.000189	0.00106	1.96E-08
2036 Apr	0.000132	0.000946	0.0917	0.00000961	1.1	1.78	0.0108	0.000548	4.18	0.000974	0.0109	0.0000284	0.000023	0.0000399	0.0729	0.00000192	0.0000824	0.000202	0.00108	1.97E-08
2036 May	0.00016	0.00101	0.102	0.0000101	1.19	1.99	0.0152	0.000565	4.53	0.00105	0.0115	0.0000521	0.000029	0.0000439	0.0809	0.00000201	0.0000863	0.000251	0.00114	2.01E-08
2036 Jun	0.000185	0.000818	0.105	0.0000097	1.12	1.86	0.0259	0.000292	3.82	0.00108	0.00998	0.000181	0.000143	0.0000523	0.0753	0.00000194	0.0000657	0.00048	0.00162	7.92E-09
2036 Jul	0.000161	0.000783	0.101	0.00001	1.06	1.69	0.0226	0.000242	3.53	0.00107	0.00988	0.000159	0.000163	0.0000504	0.0685	0.000002	0.0000619	0.000469	0.00175	5.45E-09
2036 Aug	0.000174	0.000902	0.112	0.0000115	1.22	1.9	0.0237	0.0003	4.09	0.00122	0.0111	0.000163	0.000165	0.0000578	0.0778	0.0000023	0.0000704	0.00047	0.0019	5.31E-09
2036 Sep	0.000147	0.000901	0.099	0.0000108	1.17	1.8	0.017	0.000411	4.12	0.00112	0.0107	0.0000937	0.0000961	0.0000523	0.0749	0.00000216	0.0000733	0.000314	0.00152	2.78E-09
2036 Oct	0.000132	0.000942	0.0932	0.00000999	1.12	1.77	0.0113	0.000522	4.16	0.00101	0.011	0.0000391	0.0000404	0.0000424	0.0728	0.000002	0.0000812	0.000225	0.00119	7.65E-10
2036 Nov	0.00013	0.000942	0.0924	0.00000989	1.11	1.76	0.0109	0.000528	4.14	0.000996	0.011	0.0000347	0.0000359	0.0000415	0.0724	0.00000198	0.0000815	0.000217	0.00116	6.04E-10
2036 Dec	0.000129	0.00094	0.092	0.00000984	1.1	1.76	0.0107	0.000529	4.13	0.000991	0.011	0.0000334	0.0000347	0.0000412	0.0721	0.00000197	0.0000814	0.000214	0.00115	5.61E-10
2037 Jan	0.000129	0.00094	0.092	0.00000984	1.1	1.76	0.0107	0.000529	4.13	0.000991	0.011	0.0000334	0.0000347	0.0000412	0.0721	0.00000197	0.0000814	0.000214	0.00115	5.61E-10
2037 Feb	0.000129	0.00094	0.092	0.00000984	1.1	1.76	0.0107	0.000529	4.13	0.000991	0.011	0.0000334	0.0000347	0.0000412	0.0721	0.00000197	0.0000815	0.000214	0.00115	5.61E-10
2037 Mar	0.00013	0.000943	0.0923	0.00000987	1.11	1.76	0.0107	0.000531	4.15	0.000994	0.011	0.0000335	0.0000348	0.0000413	0.0723	0.00000197	0.0000817	0.000215	0.00116	5.62E-10
2037 Apr	0.000131	0.00095	0.0929	0.00000994	1.11	1.78	0.0108	0.000535	4.18	0.001	0.0111	0.0000338	0.000035	0.0000416	0.0729	0.00000199	0.0000823	0.000217	0.00117	5.66E-10
2037 May	0.000337	0.00108	0.148	0.00001	1.52	2.92	0.0501	0.000406	5.55	0.00133	0.0113	0.000398	0.000113	0.000077	0.116	0.00000201	0.0000808	0.000646	0.00143	0.000000486
2037 Jun	0.000457	0.00106	0.174	0.00000924	2	3.72	0.0765	0.000306	8.3	0.0016	0.0102	0.000634	0.000219	0.000111	0.15	0.00000189	0.00016	0.000938	0.00162	0.0000525
2037 Jul	0.000457	0.0011	0.177	0.0000099	2.09	3.8	0.0763	0.000325	8.81	0.00168	0.0108	0.000629	0.000235	0.000115	0.155	0.00000202	0.000177	0.000948	0.00174	0.0000607
2037 Aug	0.000436	0.00116	0.177	0.000011	2.12	3.76	0.0715	0.000373	8.77	0.00172	0.0116	0.000582	0.000221	0.000115	0.154	0.00000224	0.000173	0.000879	0.00181	0.0000554
2037 Sep	0.000362	0.00115	0.158	0.0000113	1.92	3.33	0.0563	0.000444	7.83	0.00159	0.0118	0.000439	0.000171	0.0000995	0.137	0.00000229	0.000153	0.000702	0.00169	0.0000413
2037 Oct	0.000214	0.00102	0.116	0.0000102	1.4	2.34	0.0268	0.000515	5.52	0.0012	0.0113	0.000176	0.000076	0.0000613	0.0958	0.00000206	0.00011	0.000381	0.0013	0.0000155
2037 Nov	0.000202	0.00102	0.113	0.0000102	1.36	2.27	0.0244	0.000526	5.36	0.00117	0.0114	0.000154	0.0000683	0.0000584	0.093	0.00000205	0.000107	0.000356	0.00127	0.0000133
2037 Dec	0.000202	0.00102	0.113	0.0000102	1.36	2.27	0.0244	0.000526	5.36	0.00117	0.0114	0.000155	0.0000683	0.0000584	0.0931	0.00000205	0.000107	0.000356	0.00127	0.0000133
2038 Jan	0.000202	0.00102	0.113	0.0000102	1.36	2.27	0.0244	0.000526	5.36	0.00117	0.0114	0.000155	0.0000683	0.0000584	0.0931	0.00000205	0.000107	0.000356	0.00127	0.0000133
2038 Feb	0.000202	0.00102	0.113	0.0000102	1.36	2.27	0.0245	0.000526	5.36	0.00117	0.0114	0.000155	0.0000684	0.0000585	0.0931	0.00000205	0.000107	0.000356	0.00127	0.0000133
2038 Mar	0.000203	0.00102	0.113	0.0000102	1.37	2.27	0.0245	0.000527	5.37	0.00117	0.0114	0.000155	0.0000684	0.0000585	0.0932	0.00000206	0.000107	0.000357	0.00127	0.0000134
2038 Apr	0.000204	0.00103	0.114	0.0000103	1.37	2.29	0.0246	0.00053	5.4	0.00118	0.0115	0.000156	0.0000689	0.0000589	0.0938	0.00000207	0.000107	0.000359	0.00128	0.0000134
2038 May	0.000283	0.0011	0.136	0.0000106	1.54	2.74	0.0394	0.000492	5.93	0.00132	0.0118	0.000291	0.0000976	0.0000724	0.111	0.00000212	0.000106	0.000524	0.00141	0.0000121
2038 Jun	0.00034	0.001	0.128	0.00000681	1.57	2.86	0.0541	0.000221	6.35	0.00126	0.00869	0.000462	0.000149	0.0000866	0.11	0.00000197	0.0000914	0.00068	0.0014	0.0000225
2038 Jul	0.000202	0.000941	0.0723	0.00000395	1.23	1.99	0.0283	0.00015	5.39	0.000933	0.00683	0.000256	0.0000892	0.0000655	0.0693	0.0000021	0.0000554	0.000382	0.00117	0.0000118
2038 Aug	0.000154	0.000892	0.0485	0.00000264	1.1	1.65	0.0178	0.000122	5.06	0.000761	0.00594	0.000165	0.0000613	0.0000567	0.0536	0.00000215	0.0000393	0.000251	0.00105	0.0000069
2038 Sep	0.000145	0.000859	0.0421	0.00000231	1.07	1.56	0.0151	0.000117	4.96	0.000697	0.00565	0.000137	0.0000539	0.0000539	0.05	0.00000213	0.0000352	0.000215	0.00101	0.00000564
2038 Oct	0.000144	0.000856	0.0422	0.00000234	1.07	1.55	0.015	0.000119	4.93	0.000695	0.00566	0.000136	0.0000535	0.0000536	0.05	0.00000212	0.0000353	0.000214	0.00101	0.00000559
2038 Nov	0.000144	0.000858	0.0423	0.00000235	1.07	1.56	0.015	0.000119	4.94	0.000697	0.00567	0.000136	0.0000536	0.0000537	0.0501	0.00000213	0.0000354	0.000215	0.00101	0.0000056
2038 Dec	0.000144	0.000858	0.0423	0.00000235	1.07	1.56	0.015	0.000119	4.94	0.000697	0.00567	0.000136	0.0000536	0.0000537	0.0501	0.00000213	0.0000354	0.000215	0.00101	0.0000056
2039 Jan	0.000144	0.000858	0.0423	0.00000235	1.07	1.56	0.015	0.000119	4.94	0.000697	0.00567	0.000136	0.0000536	0.0000537	0.0501	0.00000213	0.0000354	0.000215	0.00101	0.0000056
2039 Feb	0.000144	0.000858	0.0423	0.00000235	1.07	1.56	0.015	0.000119	4.94	0.000697	0.00567	0.000136	0.0000536	0.0000537	0.0501	0.00000213	0.0000354	0.000215	0.00101	0.0000056
2039 Mar	0.000144	0.000858	0.0424	0.00000235	1.07	1.56	0.015	0.000119	4.95	0.000698	0.00568	0.000136	0.0000536	0.0000538	0.0501	0.00000213	0.0000354	0.000215	0.00101	0.0000056
2039 Apr	0.000145	0.000861	0.0425	0.00000236	1.07	1.56	0.0151	0.000119	4.96	0.0007	0.00569	0.000137	0.0000538	0.0000539	0.0503	0.00000213	0.0000355	0.000216	0.00101	0.00000562
2039 May	0.000147	0.000873	0.0431	0.00000239	1.09	1.58	0.0153	0.000121	5.03	0.000709	0.00577	0.000139	0.0000545	0.0000547	0.051	0.00000216	0.000036	0.000219	0.00103	0.0000057
2039 Jun	0.00014	0.000831	0.0432	0.00000262	1.04	1.51	0.0148	0.000116	4.75	0.000697	0.0057	0.000132	0.0000599	0.0000523	0.0491	0.00000208	0.0000353	0.000223	0.00104	0.00000526
2039 Jul	0.000134	0.000797	0.0431	0.00000276	0.998	1.45	0.0142	0.000112	4.52	0.000681	0.0056	0.000127	0.0000613	0.0000502	0.0474	0.00000201	0.0000345	0.000219	0.00102	0.00000491
2039 Aug	0.000136	0.000816	0.0447	0.00000292	1.04	1.5	0.0146	0.000122	4.74	0.00071	0.00577	0.000129	0.0000654	0.0000522	0.0497	0.00000205	0.000042	0.000223	0.00105	0.00000889
2039 Sep	0.00014	0.000841	0.0458	0.00000307	1.18	1.63	0.0155	0.000157	5.45	0.000776	0.00591	0.000131	0.0000792	0.0000581	0.0561	0.00000212	0.0000717	0.00023	0.00108	0.0000267
2039 Oct	0.000143	0.000856	0.046	0.00000333	1.42	1.84	0.017	0.000238	6.75	0.000882	0.00596	0.00013	0.000106	0.0000691	0.0676	0.00000224	0.000133	0.000236	0.00109	0.0000649
2039 Nov	0.000144	0.00086	0.0462	0.00000337	1.46	1.87	0.0172	0.000249	6.95	0.0009	0.00598	0.000131	0.00011	0.0000708	0.0693	0.00000226	0.000142	0.000238	0.0011	0.0000703
2039 Dec	0.000144	0.000861	0.0462	0.00000337	1.46	1.88	0.0172	0.00025	6.95	0.0009	0.00598	0.000131	0.00011	0.0000709	0.0694	0.00000226	0.000142	0.000238	0.0011	0.0000705
2040 Jan	0.000144	0.000861	0.0462	0.00000337	1.46	1.88	0.0172	0.00025	6.96	0.000901	0.00598	0.000131	0.00011	0.0000709	0.0694	0.00000226	0.000142	0.000238	0.0011	0.0000706
2040 Feb	0.000144	0.000861	0.0462	0.00000337	1.46	1.88	0.0172	0.00025	6.96	0.000901	0.00598	0.000131	0.00011	0.0000709	0.0695	0.00000226	0.000142	0.000238	0.0011	0.0000707
2040 Mar	0.000144	0.000862	0.0463	0.00000338	1.46	1.88	0.0172	0.00025	6.97	0.000902	0.00598	0.000131	0.00011	0.000071	0.0695	0.00000226	0.000143	0.000238	0.0011	0.0000708
2040 Apr	0.000145	0.000864	0.0464	0.00000338	1.47	1.88	0.0173	0.000251	6.99	0.000904	0.006	0.000131	0.00011	0.0000712	0.0697	0.00000227	0.000143	0.000239	0.0011	0.0000709

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2040 May	0.00015	0.000882	0.0478	0.00000351	1.56	1.98	0.0183	0.000275	7.47	0.000952	0.00611	0.000136	0.00012	0.0000755	0.0745	0.00000232	0.000163	0.000248	0.00112	0.000083
2040 Jun	0.000174	0.00092	0.0537	0.00000454	2.48	2.83	0.0267	0.000552	12.4	0.00138	0.00622	0.00016	0.000229	0.000117	0.121	0.00000259	0.000397	0.000307	0.00118	0.000228
2040 Jul	0.000183	0.000966	0.056	0.00000507	2.87	3.18	0.0295	0.000668	14.4	0.00156	0.00647	0.000165	0.000272	0.000135	0.139	0.00000281	0.000488	0.000327	0.00124	0.000284
2040 Aug	0.000194	0.00102	0.0585	0.00000569	3.35	3.62	0.0328	0.000812	16.8	0.00178	0.00674	0.000171	0.000323	0.000157	0.162	0.00000307	0.000601	0.000349	0.00131	0.000354
2040 Sep	0.000204	0.00107	0.0596	0.00000638	3.93	4.14	0.0365	0.000981	19.8	0.00204	0.00687	0.000173	0.000387	0.000183	0.189	0.00000329	0.000745	0.000367	0.00135	0.000445
2040 Oct	0.000207	0.00109	0.0601	0.00000659	4.11	4.3	0.0376	0.00103	20.7	0.00212	0.00693	0.000173	0.000406	0.000191	0.198	0.00000335	0.00079	0.000373	0.00137	0.000473
2040 Nov	0.000208	0.00109	0.0603	0.00000663	4.15	4.33	0.0378	0.00104	20.9	0.00214	0.00695	0.000174	0.000409	0.000192	0.199	0.00000337	0.000797	0.000374	0.00137	0.000478
2040 Dec	0.000208	0.00109	0.0603	0.00000663	4.15	4.33	0.0378	0.00104	20.9	0.00214	0.00696	0.000174	0.00041	0.000192	0.2	0.00000337	0.000798	0.000374	0.00137	0.000478
2041 Jan	0.000208	0.00109	0.0603	0.00000663	4.15	4.33	0.0378	0.00104	20.9	0.00214	0.00696	0.000174	0.00041	0.000192	0.2	0.00000337	0.000798	0.000374	0.00137	0.000478
2041 Feb	0.000208	0.00109	0.0603	0.00000663	4.15	4.33	0.0378	0.00104	20.9	0.00214	0.00696	0.000174	0.00041	0.000192	0.2	0.00000337	0.000798	0.000374	0.00137	0.000478
2041 Mar	0.000208	0.00109	0.0604	0.00000663	4.15	4.33	0.0379	0.00104	20.9	0.00214	0.00696	0.000174	0.00041	0.000192	0.2	0.00000337	0.000799	0.000375	0.00137	0.000479
2041 Apr	0.000209	0.00109	0.0605	0.00000665	4.16	4.34	0.0379	0.00104	20.9	0.00214	0.00698	0.000174	0.000411	0.000193	0.2	0.00000338	0.0008	0.000375	0.00138	0.00048
2041 May	0.000212	0.00111	0.0612	0.00000673	4.26	4.43	0.0387	0.00107	21.4	0.00219	0.00705	0.000177	0.000421	0.000197	0.205	0.00000341	0.000822	0.000381	0.00139	0.000493
2041 Jun	0.000213	0.00111	0.0611	0.00000732	4.81	4.88	0.0416	0.00121	24.2	0.00244	0.00697	0.000171	0.000492	0.00022	0.231	0.00000345	0.000976	0.0004	0.00143	0.000591
2041 Jul	0.000209	0.00109	0.0597	0.00000774	5.14	5.13	0.043	0.00131	25.8	0.00259	0.00679	0.000162	0.000536	0.000234	0.247	0.00000344	0.00107	0.000403	0.00143	0.000655
2041 Aug	0.000222	0.00116	0.0627	0.00000845	5.66	5.61	0.0466	0.00145	28.3	0.00283	0.00714	0.000168	0.000591	0.000257	0.272	0.00000371	0.00119	0.000428	0.00151	0.00073
2041 Sep	0.000232	0.00121	0.0637	0.00000919	6.26	6.14	0.0502	0.00162	31.2	0.00311	0.00728	0.00017	0.000658	0.000284	0.3	0.00000392	0.00135	0.000447	0.00156	0.000828
2041 Oct	0.000234	0.00122	0.0638	0.00000939	6.45	6.3	0.0513	0.00167	32	0.00319	0.00729	0.000169	0.000678	0.000292	0.309	0.00000395	0.00139	0.000451	0.00157	0.00086
2041 Nov	0.000235	0.00123	0.0641	0.00000944	6.49	6.34	0.0516	0.00168	32.2	0.00321	0.00732	0.000169	0.000683	0.000294	0.311	0.00000397	0.0014	0.000453	0.00157	0.000867
2041 Dec	0.000235	0.00123	0.0641	0.00000944	6.5	6.35	0.0516	0.00168	32.3	0.00321	0.00732	0.000169	0.000684	0.000294	0.312	0.00000397	0.00141	0.000453	0.00157	0.000867
2042 Jan	0.000235	0.00123	0.0641	0.00000944	6.5	6.35	0.0516	0.00168	32.3	0.00321	0.00733	0.000169	0.000684	0.000294	0.312	0.00000397	0.00141	0.000453	0.00157	0.000868
2042 Feb	0.000235	0.00123	0.0641	0.00000944	6.5	6.35	0.0516	0.00168	32.3	0.00321	0.00733	0.000169	0.000684	0.000294	0.312	0.00000397	0.00141	0.000453	0.00157	0.000868
2042 Mar	0.000236	0.00123	0.0641	0.00000945	6.5	6.35	0.0516	0.00168	32.3	0.00322	0.00733	0.00017	0.000684	0.000295	0.312	0.00000398	0.00141	0.000454	0.00157	0.000868
2042 Apr	0.000237	0.00124	0.0644	0.00000949	6.54	6.39	0.0519	0.00169	32.5	0.00323	0.00737	0.00017	0.000688	0.000296	0.313	0.000004	0.00141	0.000456	0.00158	0.000872
2042 May	0.000242	0.00126	0.0658	0.00000968	6.66	6.51	0.053	0.00172	33.1	0.0033	0.00751	0.000174	0.000701	0.000302	0.32	0.00000407	0.00144	0.000466	0.00161	0.00089
2042 Jun	0.00024	0.00125	0.0654	0.00000992	6.85	6.65	0.0538	0.00177	33.8	0.00338	0.00742	0.00017	0.000728	0.000309	0.329	0.00000404	0.0015	0.000472	0.00162	0.000928
2042 Jul	0.00024	0.00125	0.0655	0.0000103	7.1	6.86	0.0551	0.00184	34.8	0.0035	0.00743	0.000167	0.00076	0.00032	0.341	0.00000408	0.00157	0.000479	0.00164	0.000975
2042 Aug	0.000243	0.00127	0.0649	0.0000108	7.56	7.24	0.0573	0.00197	36.6	0.0037	0.00738	0.000161	0.00081	0.00034	0.362	0.00000419	0.00169	0.000481	0.00165	0.00106
2042 Sep	0.000249	0.00131	0.0644	0.0000115	8.15	7.75	0.0605	0.00213	39	0.00396	0.00737	0.000157	0.000874	0.000366	0.391	0.00000432	0.00184	0.00049	0.00166	0.00116
2042 Oct	0.000249	0.00131	0.064	0.0000116	8.27	7.85	0.061	0.00216	39.4	0.00401	0.00733	0.000155	0.000887	0.000371	0.396	0.00000431	0.00188	0.000489	0.00166	0.00119
2042 Nov	0.00025	0.00132	0.0642	0.0000116	8.32	7.89	0.0613	0.00218	39.6	0.00404	0.00736	0.000155	0.000892	0.000373	0.398	0.00000433	0.00189	0.000491	0.00166	0.00119
2042 Dec	0.00025	0.00132	0.0642	0.0000117	8.32	7.89	0.0613	0.00218	39.6	0.00404	0.00736	0.000155	0.000892	0.000373	0.399	0.00000433	0.00189	0.000491	0.00166	0.0012
2043 Jan	0.00025	0.00132	0.0642	0.0000117	8.32	7.89	0.0613	0.00218	39.6	0.00404	0.00736	0.000155	0.000892	0.000373	0.399	0.00000433	0.00189	0.000492	0.00166	0.0012
2043 Feb	0.00025	0.00132	0.0642	0.0000117	8.32	7.89	0.0613	0.00218	39.6	0.00404	0.00736	0.000155	0.000892	0.000373	0.399	0.00000433	0.00189	0.000492	0.00166	0.0012
2043 Mar	0.00025	0.00132	0.0642	0.0000117	8.33	7.9	0.0613	0.00218	39.6	0.00404	0.00736	0.000155	0.000893	0.000373	0.399	0.00000433	0.00189	0.000492	0.00167	0.0012
2043 Apr	0.000251	0.00132	0.0645	0.0000117	8.37	7.93	0.0616	0.00219	39.8	0.00406	0.0074	0.000156	0.000897	0.000375	0.401	0.00000435	0.0019	0.000494	0.00167	0.0012
2043 May	0.000258	0.00135	0.0662	0.000012	8.54	8.1	0.0631	0.00223	40.6	0.00415	0.00755	0.000161	0.000916	0.000383	0.409	0.00000444	0.00194	0.000507	0.00171	0.00123
2043 Jun	0.000268	0.00134	0.0696	0.000012	8.61	8.2	0.0656	0.00224	40.4	0.00418	0.0075	0.00018	0.000926	0.000386	0.415	0.00000435	0.00196	0.00053	0.0017	0.00125
2043 Jul	0.000283	0.00141	0.0732	0.0000128	9.15	8.7	0.0696	0.00239	42.8	0.00444	0.00789	0.000188	0.000985	0.00041	0.441	0.00000461	0.00208	0.00056	0.00179	0.00133
2043 Aug	0.000303	0.00151	0.0765	0.000014	10.1	9.59	0.0762	0.0027	46.7	0.00488	0.00829	0.000197	0.00109	0.000455	0.487	0.00000515	0.00232	0.000597	0.00189	0.00149
2043 Sep	0.00031	0.00155	0.0769	0.0000145	10.6	10	0.0791	0.00285	48.4	0.00509	0.00837	0.000197	0.00114	0.000476	0.509	0.00000537	0.00243	0.000609	0.00192	0.00157
2043 Oct	0.000311	0.00155	0.0766	0.0000146	10.7	10.1	0.0796	0.00289	48.6	0.00513	0.00836	0.000195	0.00115	0.000481	0.514	0.00000543	0.00246	0.000608	0.00191	0.00159
2043 Nov	0.00031	0.00155	0.0763	0.0000146	10.7	10.1	0.0796	0.00291	48.5	0.00514	0.00835	0.000193	0.00115	0.000482	0.515	0.00000545	0.00247	0.000606	0.0019	0.0016
2043 Dec	0.00031	0.00155	0.0763	0.0000146	10.7	10.1	0.0796	0.00291	48.5	0.00514	0.00835	0.000193	0.00115	0.000482	0.515	0.00000545	0.00247	0.000606	0.0019	0.0016
2044 Jan	0.00031	0.00155	0.0763	0.0000146	10.7	10.1	0.0796	0.00291	48.6	0.00514	0.00835	0.000193	0.00115	0.000482	0.515	0.00000545	0.00247	0.000606	0.0019	0.0016
2044 Feb	0.00031	0.00155	0.0764	0.0000146	10.7	10.1	0.0797	0.00291	48.6	0.00514	0.00836	0.000193	0.00115	0.000483	0.515	0.00000545	0.00247	0.000606	0.00191	0.0016
2044 Mar	0.00031	0.00155	0.0764	0.0000146	10.8	10.1	0.0798	0.00291	48.6	0.00515	0.00836	0.000193	0.00115	0.000483	0.516	0.00000546	0.00247	0.000607	0.00191	0.0016
2044 Apr	0.000311	0.00156	0.0766	0.0000147	10.8	10.2	0.0799	0.00292	48.7	0.00516	0.00838	0.000194	0.00116	0.000484	0.517	0.00000547	0.00248	0.000608	0.00191	0.00161
2044 May	0.000316	0.00158	0.0778	0.0000149	10.9	10.3	0.0812	0.00296	49.5	0.00524	0.00851	0.000197	0.00117	0.000492	0.525	0.00000556	0.00252	0.000618	0.00194	0.00163
2044 Jun	0.000302	0.0015	0.075	0.0000143	10.5	9.89	0.0784	0.0029	46.7	0.00502	0.00816	0.000189	0.00113	0.000474	0.504	0.00000551	0.00241	0.000599	0.00187	0.00158
2044 Jul	0.00031	0.00153	0.0771	0.0000148	10.9	10.2	0.0809	0.00303	47.9	0.00518	0.00842	0.000193	0.00117	0.00049	0.52	0.00000579	0.00249	0.000618	0.00193	0.00163
2044 Aug	0.000333	0.00165	0.0815	0.0000161	11.9	11.2	0.0883	0.00343	51.8	0.00564	0.00903	0.000203	0.00128	0.00054	0.568	0.00000667	0.00273	0.000662	0.00206	0.0018
2044 Sep	0.000332	0.00164	0.0798	0.0000163	12.1	11.3	0.0894	0.00358	51.9	0.00571	0.00897	0.000197	0.0013	0.000552	0.577	0.00000701	0.00278	0.000657	0.00204	0.00185
2044 Oct	0.000331	0.00164	0.0792	0.0000163	12.2	11.3	0.0894	0.00362	51.7	0.00571	0.00894	0.000194	0.0013	0.000554	0.578	0.00000709	0.00279	0.000653	0.00203	0.00186
2044 Nov	0.000331	0.00164	0.0793	0.0000163	12.2	11.4	0.0896	0.00363	51.8	0.00572	0.00896	0.000194	0.0013	0.000555	0.579	0.00000711	0.00279	0.000653	0.00203	0.00186
2044 Dec	0.000331	0.00164	0.0793	0.0000163	12.2	11.4	0.0896	0.00363	51.8	0.00572	0.00896	0.000194	0.0013	0.000555	0.58	0.00000711	0.00279	0.000653	0.00203	0.00186
2045 Jan	0.000331	0.00164	0.0793	0.0000163	12.2	11.4	0.0896	0.00363	51.8	0.00572	0.00896	0.000194	0.0013	0.000555	0.58	0.00000711	0.00279	0.000653	0.00203	0.00187
2045 Feb	0.000331	0.00164	0.0793	0.0000163	12.2	11.4	0.0896	0.00363	51.8	0.00573	0.00896	0.000194	0.0013	0.000556	0.58	0.00000711	0.00279	0.000653	0.00203	0.00187
2045 Mar	0.000331	0.00164	0.0793	0.0000163	12.2	11.4	0.0897	0.00363	51.9	0.00573	0.00897	0.000194	0.0013	0.000556	0.58	0.00000712	0.0028	0.000654	0.00203	0.00187
2045 Apr	0.000332	0.00165	0.0795	0.0000164	12.2	11.4	0.0899	0.00364	52	0.00574	0.00899	0.000194	0.00131	0.000557	0.581	0.00000713	0.0028	0.000655	0.00203	0.00187
2045 May	0.000337	0.00167	0.0806	0.0000166	12.4	11.6	0.0911	0.00369	52.7	0.00582	0.00911	0.000197	0.00133	0.000565	0.59	0.00000723	0.00284	0.000664	0.00206	0.0019
2045 Jun	0.000327	0.00163	0.0783	0.0000162	12.2	11.4	0.0894	0.00367	51	0.00573	0.00892	0.000188	0.00131	0.000557	0.58	0.00000721	0.0028	0.000653	0.00203	0.00188
2045 Jul	0.000331	0.00165	0.0796	0.0000165	12.5	11.6	0.0913	0.0038	51.7	0.00585	0.00913	0.000188	0.00134	0.000571	0.593	0.00000752	0.00287	0.000666	0.00208	0.00194
2045 Aug	0.000344	0.00172	0.0823	0.0000172	13.1	12.1	0.0954	0.00403	53.7	0.0061	0.00952	0.000194	0.0014	0.000599	0.619	0.00000807	0.00299	0.000691	0.00216	0.00203
2045 Sep	0.000348	0.00174	0.0824	0.0000175	13.4	12.4	0.0977	0.00426	54.3	0.00621	0.00968	0.000193	0.00143	0.000617	0.633	0.00000868	0.00306	0.000697	0.00218	0.00208
2045 Oct	0.000351	0.00175	0.0827	0.0000177	13.6	12.6	0.099	0.00435	54.8	0.00629	0.00977	0.000193	0.00145	0.000627	0.641	0.00000892	0.0031	0.000702	0.0022	0.00212
2045 Nov	0.000352	0.00176	0.0829	0.0000178	13.7	12.6	0.0994	0.00438	55	0.00631	0.0098	0.000193	0.00145	0.000629	0.643	0.00000898	0.00311	0.000704	0.0022	0.00213
2045 Dec	0.000353	0.00176	0.0829	0.0000178	13.7	12.6	0.0994	0.00438	55	0.00631	0.00981	0.000193	0.00145	0.00063	0.644	0.00000898	0.00311	0.000705	0.00221	0.00213
2046 Jan	0.000353	0.00176	0.0829	0.0000178	13.7	12.6	0.0994	0.00438	55	0.00632	0.00981	0.000194	0.00145	0.00063	0.644	0.00000899	0.00311	0.000705	0.00221	0.00213
2046 Feb	0.000353	0.00176	0.0829	0.0000178	13.7	12.6	0.0995	0.00438	55.1	0.00632	0.00981	0.000194	0.00145	0.00063	0.644	0.00000899	0.00311	0.000705	0.00221	0.00213
2046 Mar	0.000353	0.00176	0.083	0.0000178	13.7	12.7	0.0996	0.00439	55.1	0.00632	0.00982	0.000194	0.00146	0.000631	0.644	0.000009	0.00312	0.000706	0.00221	0.00213

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2046 Apr	0.000355	0.00177	0.0834	0.0000179	13.8	12.7	0.1	0.00441	55.4	0.00635	0.00987	0.000195	0.00146	0.000634	0.647	0.00000904	0.00313	0.000709	0.00222	0.00214
2046 May	0.00036	0.00179	0.0847	0.0000182	14	12.9	0.102	0.00447	56.2	0.00645	0.01	0.000198	0.00148	0.000643	0.657	0.00000917	0.00318	0.00072	0.00225	0.00217
2046 Jun	0.00034	0.00169	0.0808	0.0000172	13.3	12.3	0.0969	0.00437	52.3	0.00612	0.00965	0.000186	0.00142	0.000616	0.624	0.00000915	0.00301	0.00069	0.00217	0.00208
2046 Jul	0.000326	0.00162	0.0779	0.0000167	12.9	11.8	0.0937	0.00434	49.6	0.00588	0.00946	0.000175	0.00137	0.000598	0.601	0.00000931	0.0029	0.000668	0.00211	0.00202
2046 Aug	0.000339	0.00169	0.0804	0.0000175	13.6	12.4	0.0988	0.00471	51.5	0.00616	0.00993	0.00018	0.00143	0.000634	0.631	0.0000103	0.00304	0.000694	0.0022	0.00213
2046 Sep	0.000337	0.00168	0.0788	0.0000175	13.6	12.5	0.0992	0.00485	50.9	0.00616	0.0099	0.000174	0.00144	0.000641	0.633	0.0000107	0.00305	0.000685	0.00218	0.00215
2046 Oct	0.000333	0.00166	0.0776	0.0000174	13.6	12.4	0.0987	0.00488	50.3	0.00613	0.00983	0.00017	0.00143	0.00064	0.63	0.0000108	0.00304	0.000676	0.00215	0.00216
2046 Nov	0.000334	0.00166	0.0776	0.0000174	13.6	12.5	0.0988	0.00489	50.3	0.00614	0.00984	0.00017	0.00143	0.000641	0.631	0.0000108	0.00305	0.000676	0.00215	0.00216
2046 Dec	0.000334	0.00166	0.0777	0.0000174	13.6	12.5	0.0989	0.0049	50.3	0.00614	0.00984	0.00017	0.00143	0.000641	0.632	0.0000108	0.00305	0.000677	0.00215	0.00216
2047 Jan	0.000334	0.00166	0.0777	0.0000174	13.6	12.5	0.0989	0.0049	50.3	0.00614	0.00985	0.00017	0.00143	0.000642	0.632	0.0000108	0.00305	0.000677	0.00215	0.00216
2047 Feb	0.000334	0.00166	0.0777	0.0000174	13.6	12.5	0.0989	0.0049	50.3	0.00614	0.00985	0.00017	0.00144	0.000642	0.632	0.0000108	0.00305	0.000677	0.00215	0.00216
2047 Mar	0.000335	0.00167	0.0778	0.0000175	13.7	12.5	0.0991	0.00491	50.4	0.00615	0.00987	0.00017	0.00144	0.000643	0.633	0.0000109	0.00306	0.000678	0.00215	0.00217
2047 Apr	0.000335	0.00167	0.078	0.0000175	13.7	12.5	0.0994	0.00492	50.5	0.00617	0.00989	0.00017	0.00144	0.000645	0.635	0.0000109	0.00306	0.00068	0.00216	0.00217
2047 May	0.00034	0.00169	0.0793	0.0000176	13.8	12.6	0.101	0.00496	50.8	0.00621	0.00998	0.000176	0.00145	0.000649	0.64	0.000011	0.00308	0.000689	0.00218	0.00219
2047 Jun	0.000341	0.00162	0.0808	0.0000168	13.2	12.2	0.0993	0.00482	47.6	0.00596	0.00973	0.000193	0.00139	0.000626	0.615	0.0000108	0.00294	0.000689	0.0021	0.00211
2047 Jul	0.000359	0.00171	0.0851	0.0000177	14	12.8	0.105	0.00514	49.9	0.00627	0.0103	0.000203	0.00147	0.000662	0.648	0.0000116	0.0031	0.000726	0.00221	0.00223
2047 Aug	0.00038	0.0018	0.0887	0.0000189	15	13.7	0.112	0.00568	52.4	0.00666	0.0109	0.000212	0.00156	0.000714	0.691	0.000013	0.0033	0.000764	0.00232	0.0024
2047 Sep	0.000383	0.00181	0.0875	0.0000191	15.3	14	0.114	0.00589	52.3	0.00675	0.0109	0.00021	0.00159	0.00073	0.702	0.0000136	0.00336	0.000763	0.00231	0.00246
2047 Oct	0.000378	0.00179	0.0862	0.0000188	15.1	13.8	0.113	0.00585	51.5	0.00668	0.0108	0.000206	0.00157	0.000724	0.696	0.0000134	0.00333	0.000752	0.00227	0.00245
2047 Nov	0.000378	0.00178	0.086	0.0000188	15.1	13.8	0.113	0.00585	51.3	0.00668	0.0108	0.000205	0.00157	0.000723	0.696	0.0000134	0.00333	0.00075	0.00227	0.00245
2047 Dec	0.000378	0.00178	0.0861	0.0000188	15.1	13.8	0.113	0.00585	51.4	0.00668	0.0108	0.000205	0.00157	0.000724	0.696	0.0000134	0.00334	0.000751	0.00227	0.00245
2048 Jan	0.000378	0.00179	0.0861	0.0000188	15.1	13.8	0.113	0.00585	51.4	0.00668	0.0108	0.000205	0.00157	0.000724	0.696	0.0000134	0.00334	0.000751	0.00227	0.00245
2048 Feb	0.000378	0.00179	0.0861	0.0000188	15.2	13.9	0.113	0.00585	51.4	0.00669	0.0108	0.000205	0.00157	0.000724	0.697	0.0000135	0.00334	0.000751	0.00227	0.00245
2048 Mar	0.000378	0.00179	0.0861	0.0000188	15.2	13.9	0.113	0.00586	51.4	0.00669	0.0108	0.000205	0.00157	0.000725	0.697	0.0000135	0.00334	0.000751	0.00227	0.00245
2048 Apr	0.000379	0.00179	0.0864	0.0000189	15.2	13.9	0.114	0.00588	51.6	0.00671	0.0108	0.000206	0.00158	0.000727	0.699	0.0000135	0.00335	0.000754	0.00228	0.00246
2048 May	0.000385	0.00182	0.0878	0.0000192	15.5	14.1	0.116	0.00597	52.4	0.00682	0.011	0.000209	0.0016	0.000739	0.71	0.0000137	0.0034	0.000766	0.00231	0.0025
2048 Jun	0.000363	0.00172	0.0837	0.0000182	14.6	13.3	0.109	0.00568	48.6	0.00643	0.0105	0.000196	0.00151	0.000698	0.669	0.0000132	0.0032	0.000729	0.00222	0.00237
2048 Jul	0.000351	0.00166	0.0819	0.0000177	14.1	12.9	0.106	0.00558	46.3	0.00622	0.0104	0.000189	0.00147	0.000679	0.648	0.0000131	0.00309	0.000712	0.00218	0.00231
2048 Aug	0.00036	0.0017	0.083	0.0000184	14.7	13.4	0.11	0.00596	47	0.00642	0.0108	0.00019	0.00152	0.00071	0.67	0.0000141	0.0032	0.000726	0.00223	0.00241
2048 Sep	0.000362	0.00172	0.0826	0.0000186	14.9	13.6	0.111	0.00611	47.1	0.00649	0.0108	0.000187	0.00154	0.000722	0.68	0.0000145	0.00325	0.000727	0.00224	0.00246
2048 Oct	0.000359	0.0017	0.0818	0.0000184	14.8	13.5	0.111	0.00609	46.6	0.00646	0.0108	0.000184	0.00153	0.000719	0.676	0.0000145	0.00323	0.00072	0.00222	0.00246
2048 Nov	0.000359	0.00171	0.0818	0.0000184	14.9	13.5	0.111	0.00609	46.5	0.00646	0.0108	0.000184	0.00153	0.000719	0.676	0.0000145	0.00323	0.00072	0.00222	0.00246
2048 Dec	0.000359	0.00171	0.0818	0.0000184	14.9	13.5	0.111	0.00609	46.5	0.00646	0.0108	0.000184	0.00153	0.000719	0.677	0.0000145	0.00324	0.00072	0.00222	0.00246
2049 Jan	0.000359	0.00171	0.0818	0.0000184	14.9	13.5	0.111	0.0061	46.5	0.00646	0.0108	0.000184	0.00153	0.00072	0.677	0.0000145	0.00324	0.00072	0.00222	0.00246
2049 Feb	0.000359	0.00171	0.0818	0.0000184	14.9	13.5	0.111	0.0061	46.5	0.00647	0.0108	0.000184	0.00153	0.00072	0.677	0.0000145	0.00324	0.00072	0.00222	0.00246
2049 Mar	0.000359	0.00171	0.0819	0.0000185	14.9	13.5	0.111	0.0061	46.6	0.00647	0.0108	0.000184	0.00153	0.00072	0.677	0.0000145	0.00324	0.000721	0.00222	0.00246
2049 Apr	0.000361	0.00171	0.0822	0.0000185	14.9	13.6	0.111	0.00613	46.8	0.00649	0.0108	0.000185	0.00154	0.000723	0.68	0.0000146	0.00325	0.000724	0.00223	0.00247
2049 May	0.000366	0.00174	0.0835	0.0000188	15.2	13.8	0.113	0.00622	47.4	0.00659	0.011	0.000188	0.00156	0.000734	0.69	0.0000148	0.0033	0.000735	0.00226	0.00251
2049 Jun	0.000342	0.00162	0.0794	0.0000176	14.1	12.8	0.106	0.00584	43.3	0.00614	0.0105	0.000176	0.00146	0.000685	0.642	0.000014	0.00306	0.000696	0.00216	0.00235
2049 Jul	0.000337	0.0016	0.079	0.0000175	13.9	12.7	0.104	0.00582	42.2	0.00605	0.0105	0.000173	0.00144	0.000678	0.633	0.0000141	0.00302	0.000691	0.00215	0.00232
2049 Aug	0.000357	0.0017	0.0831	0.0000186	14.9	13.5	0.111	0.00633	44.5	0.00642	0.0112	0.000181	0.00153	0.000727	0.673	0.0000154	0.00321	0.000729	0.00228	0.00248
2049 Sep	0.000356	0.0017	0.0818	0.0000187	15.1	13.6	0.112	0.00652	44	0.00646	0.0112	0.000177	0.00154	0.000738	0.679	0.000016	0.00323	0.000724	0.00227	0.00253
2049 Oct	0.000352	0.00168	0.0806	0.0000185	14.9	13.5	0.111	0.00648	43.3	0.00639	0.0111	0.000173	0.00153	0.000732	0.673	0.0000159	0.00321	0.000713	0.00223	0.00251
2049 Nov	0.000352	0.00168	0.0805	0.0000185	15	13.5	0.111	0.0065	43.2	0.0064	0.0111	0.000172	0.00153	0.000733	0.674	0.0000159	0.00321	0.000713	0.00223	0.00252
2049 Dec	0.000352	0.00168	0.0806	0.0000185	15	13.5	0.111	0.0065	43.3	0.00641	0.0111	0.000172	0.00153	0.000734	0.674	0.0000159	0.00321	0.000713	0.00224	0.00252
2050 Jan	0.000352	0.00168	0.0806	0.0000185	15	13.5	0.112	0.0065	43.3	0.00641	0.0111	0.000172	0.00153	0.000734	0.674	0.000016	0.00321	0.000714	0.00224	0.00252
2050 Feb	0.000352	0.00168	0.0806	0.0000185	15	13.5	0.112	0.0065	43.3	0.00641	0.0111	0.000172	0.00153	0.000734	0.674	0.000016	0.00321	0.000714	0.00224	0.00252
2050 Mar	0.000353	0.00168	0.0806	0.0000185	15	13.5	0.112	0.00651	43.3	0.00641	0.0111	0.000172	0.00153	0.000734	0.675	0.000016	0.00321	0.000714	0.00224	0.00252
2050 Apr	0.000354	0.00169	0.0808	0.0000186	15	13.6	0.112	0.00653	43.4	0.00643	0.0112	0.000173	0.00153	0.000736	0.676	0.000016	0.00322	0.000716	0.00224	0.00253
2050 May	0.000358	0.00171	0.0819	0.0000188	15.2	13.7	0.113	0.00661	44	0.00651	0.0113	0.000175	0.00155	0.000746	0.685	0.0000162	0.00326	0.000725	0.00227	0.00256
2050 Jun	0.000344	0.00163	0.0802	0.000018	14.5	13.1	0.109	0.00634	41.1	0.00619	0.011	0.000173	0.00148	0.000711	0.651	0.0000157	0.00309	0.000704	0.0022	0.00244
2050 Jul	0.000332	0.00157	0.0781	0.0000174	13.9	12.6	0.105	0.00621	39	0.00595	0.0108	0.000166	0.00142	0.000688	0.626	0.0000155	0.00297	0.000682	0.00215	0.00236
2050 Aug	0.000344	0.00163	0.0806	0.0000181	14.5	13.1	0.109	0.00657	40.1	0.00616	0.0112	0.00017	0.00148	0.00072	0.65	0.0000166	0.00308	0.000704	0.00222	0.00246
2050 Sep	0.000346	0.00164	0.0804	0.0000183	14.7	13.3	0.111	0.00678	40.1	0.00621	0.0114	0.000169	0.00149	0.000733	0.657	0.0000172	0.00311	0.000705	0.00223	0.0025
2050 Oct	0.000349	0.00165	0.0809	0.0000184	14.9	13.4	0.112	0.00689	40.4	0.00628	0.0115	0.000169	0.00151	0.000743	0.665	0.0000175	0.00314	0.00071	0.00225	0.00254
2050 Nov	0.000351	0.00166	0.0811	0.0000185	15	13.5	0.113	0.00694	40.5	0.00631	0.0116	0.00017	0.00152	0.000747	0.668	0.0000176	0.00316	0.000713	0.00226	0.00255
2050 Dec	0.000351	0.00166	0.0811	0.0000185	15	13.5	0.113	0.00694	40.5	0.00631	0.0116	0.00017	0.00152	0.000747	0.668	0.0000177	0.00316	0.000713	0.00226	0.00255
2051 Jan	0.000351	0.00166	0.0812	0.0000185	15	13.5	0.113	0.00695	40.5	0.00631	0.0116	0.00017	0.00152	0.000747	0.668	0.0000177	0.00316	0.000714	0.00226	0.00255
2051 Feb	0.000351	0.00166	0.0812	0.0000185	15	13.5	0.113	0.00695	40.5	0.00631	0.0116	0.00017	0.00152	0.000747	0.668	0.0000177	0.00316	0.000714	0.00226	0.00255
2051 Mar	0.000351	0.00166	0.0812	0.0000185	15	13.5	0.113	0.00695	40.5	0.00632	0.0116	0.00017	0.00152	0.000748	0.669	0.0000177	0.00316	0.000714	0.00226	0.00256
2051 Apr	0.000352	0.00167	0.0815	0.0000186	15.1	13.6	0.114	0.00698	40.7	0.00634	0.0116	0.000171	0.00152	0.000751	0.671	0.0000178	0.00317	0.000717	0.00227	0.00257
2051 May	0.000358	0.00169	0.0829	0.0000189	15.3	13.8	0.115	0.00708	41.2	0.00644	0.0118	0.000175	0.00155	0.000762	0.681	0.000018	0.00322	0.000729	0.0023	0.0026
2051 Jun	0.000339	0.00156	0.0802	0.0000171	14	12.6	0.108	0.00655	36.4	0.00588	0.0111	0.000178	0.00141	0.0007	0.623	0.0000168	0.00293	0.000694	0.00215	0.0024
2051 Jul	0.00034	0.00156	0.0808	0.0000172	14	12.7	0.109	0.00668	36	0.00588	0.0112	0.000179	0.00142	0.000706	0.624	0.0000173	0.00293	0.000698	0.00217	0.00242
2051 Aug	0.000349	0.0016	0.0815	0.0000178	14.6	13.2	0.113	0.00716	36.3	0.00605	0.0116	0.00018	0.00146	0.00074	0.646	0.0000187	0.00302	0.00071	0.00221	0.00253
2051 Sep	0.000346	0.00159	0.0797	0.0000177	14.7	13.2	0.113	0.00722	35.6	0.00604	0.0115	0.000174	0.00146	0.000743	0.646	0.0000189	0.00303	0.000699	0.00218	0.00256
2051 Oct	0.000331	0.00153	0.0765	0.0000171	14.1	12.7	0.108	0.00693	33.8	0.00581	0.0111	0.000164	0.0014	0.000713	0.621	0.0000181	0.00291	0.000666	0.00208	0.00248
2051 Nov	0.000331	0.00153	0.0765	0.000017	14.1	12.7	0.108	0.00693	33.7	0.00581	0.0111	0.000164	0.0014	0.000713	0.621	0.0000181	0.00291	0.000665	0.00208	0.00248
2051 Dec	0.000332	0.00153	0.0765	0.000017	14.1	12.7	0.108	0.00693	33.7	0.00581	0.0111	0.000164	0.0014	0.000713	0.622	0.0000181	0.00291	0.000665	0.00208	0.00248
2052 Jan	0.000332	0.00153	0.0765	0.0000171	14.1	12.7	0.108	0.00693	33.7	0.00581	0.0111	0.000164	0.0014	0.000713	0.622	0.0000181	0.00291	0.000665	0.00208	0.00248
2052 Feb	0.000332	0.00153	0.0765	0.0000171	14.1	12.7	0.108	0.00693	33.7	0.00582	0.0111	0.000164	0.0014	0.000713	0.622	0.0000181	0.00291	0.000666	0.00208	0.00248

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2052 Mar	0.000332	0.00153	0.0766	0.0000171	14.1	12.7	0.108	0.00694	33.8	0.00582	0.0111	0.000164	0.00141	0.000714	0.623	0.0000181	0.00292	0.000666	0.00208	0.00248
2052 Apr	0.000333	0.00153	0.0768	0.0000171	14.1	12.7	0.108	0.00696	33.8	0.00584	0.0112	0.000164	0.00141	0.000716	0.624	0.0000182	0.00292	0.000668	0.00208	0.00249
2052 May	0.000338	0.00155	0.0782	0.0000173	14.2	12.8	0.11	0.00701	34	0.00588	0.0113	0.00017	0.00142	0.000721	0.629	0.0000183	0.00295	0.000678	0.0021	0.00251
2052 Jun	0.000341	0.00153	0.0803	0.0000169	13.9	12.6	0.109	0.00685	32.8	0.00576	0.0112	0.000182	0.00139	0.000705	0.615	0.0000179	0.00287	0.000684	0.00208	0.00246
2052 Jul	0.000346	0.00155	0.0817	0.0000172	14.1	12.8	0.111	0.00705	32.9	0.00583	0.0115	0.000185	0.0014	0.000719	0.624	0.0000185	0.0029	0.000692	0.00211	0.0025
2052 Aug	0.000356	0.0016	0.0832	0.0000178	14.7	13.2	0.115	0.00743	33.5	0.00601	0.0119	0.000188	0.00145	0.00075	0.646	0.0000197	0.003	0.000707	0.00216	0.00261
2052 Sep	0.000357	0.0016	0.0827	0.0000179	14.8	13.4	0.116	0.00756	33.3	0.00606	0.0119	0.000186	0.00146	0.000759	0.652	0.00002	0.00303	0.000705	0.00216	0.00265
2052 Oct	0.000358	0.00161	0.0825	0.0000179	14.9	13.4	0.116	0.0076	33.2	0.00608	0.0119	0.000185	0.00147	0.000763	0.655	0.0000201	0.00304	0.000704	0.00216	0.00267
2052 Nov	0.000359	0.00161	0.0828	0.000018	15	13.5	0.117	0.00763	33.3	0.0061	0.012	0.000185	0.00147	0.000765	0.657	0.0000202	0.00305	0.000706	0.00216	0.00268
2052 Dec	0.000359	0.00161	0.0828	0.000018	15	13.5	0.117	0.00763	33.3	0.0061	0.012	0.000185	0.00147	0.000766	0.657	0.0000202	0.00306	0.000707	0.00216	0.00268
2053 Jan	0.000359	0.00161	0.0828	0.000018	15	13.5	0.117	0.00763	33.3	0.0061	0.012	0.000185	0.00147	0.000766	0.657	0.0000202	0.00306	0.000707	0.00216	0.00268
2053 Feb	0.000359	0.00161	0.0828	0.000018	15	13.5	0.117	0.00764	33.3	0.00611	0.012	0.000186	0.00148	0.000766	0.658	0.0000202	0.00306	0.000707	0.00216	0.00269
2053 Mar	0.00036	0.00162	0.083	0.000018	15	13.5	0.117	0.00765	33.4	0.00612	0.012	0.000186	0.00148	0.000767	0.659	0.0000203	0.00306	0.000708	0.00217	0.00269
2053 Apr	0.000361	0.00162	0.0833	0.0000181	15.1	13.6	0.118	0.00768	33.5	0.00614	0.012	0.000187	0.00148	0.000771	0.662	0.0000203	0.00308	0.000711	0.00218	0.0027
2053 May	0.000369	0.00164	0.0856	0.0000181	15.1	13.7	0.119	0.00767	33.4	0.00618	0.0121	0.000198	0.00149	0.000773	0.666	0.0000203	0.00309	0.000726	0.00219	0.00272
2053 Jun	0.000364	0.00156	0.0859	0.0000169	14.2	12.9	0.115	0.0072	30.6	0.00581	0.0115	0.000214	0.0014	0.000727	0.627	0.0000191	0.00289	0.000714	0.00207	0.00257
2053 Jul	0.000379	0.00161	0.0889	0.0000176	14.8	13.4	0.12	0.00763	31.5	0.00604	0.012	0.000222	0.00146	0.000762	0.653	0.0000203	0.003	0.000741	0.00215	0.00269
2053 Aug	0.000402	0.00171	0.092	0.0000188	16	14.4	0.129	0.00837	32.9	0.00644	0.0128	0.000231	0.00156	0.000825	0.7	0.0000224	0.00322	0.000779	0.00225	0.00293
2053 Sep	0.000415	0.00176	0.0944	0.0000194	16.6	15	0.134	0.00868	33.9	0.00669	0.0131	0.000238	0.00162	0.000856	0.727	0.0000232	0.00335	0.000803	0.00232	0.00305
2053 Oct	0.000419	0.00178	0.0948	0.0000195	16.8	15.2	0.135	0.00878	34.1	0.00677	0.0132	0.000239	0.00164	0.000867	0.736	0.0000235	0.00339	0.00081	0.00234	0.0031
2053 Nov	0.000419	0.00178	0.0947	0.0000195	16.8	15.2	0.135	0.00879	34.1	0.00677	0.0132	0.000239	0.00164	0.000868	0.737	0.0000235	0.0034	0.00081	0.00234	0.00311
2053 Dec	0.000419	0.00178	0.0947	0.0000196	16.8	15.2	0.135	0.0088	34.1	0.00678	0.0132	0.000239	0.00164	0.000868	0.737	0.0000235	0.0034	0.00081	0.00234	0.00311
2054 Jan	0.000419	0.00178	0.0947	0.0000196	16.8	15.2	0.135	0.0088	34.1	0.00678	0.0132	0.000239	0.00164	0.000868	0.737	0.0000235	0.0034	0.00081	0.00234	0.00311
2054 Feb	0.000419	0.00178	0.0947	0.0000196	16.8	15.2	0.135	0.0088	34.1	0.00678	0.0132	0.000239	0.00164	0.000868	0.737	0.0000235	0.0034	0.00081	0.00234	0.00311
2054 Mar	0.00042	0.00178	0.0947	0.0000196	16.8	15.2	0.135	0.0088	34.1	0.00678	0.0132	0.000239	0.00164	0.000869	0.737	0.0000235	0.0034	0.00081	0.00234	0.00311
2054 Apr	0.000421	0.00179	0.0951	0.0000196	16.9	15.3	0.136	0.00884	34.2	0.00681	0.0133	0.00024	0.00165	0.000872	0.74	0.0000236	0.00342	0.000813	0.00235	0.00312
2054 May	0.000427	0.00181	0.0967	0.0000198	17.1	15.4	0.138	0.00893	34.6	0.00688	0.0134	0.000245	0.00167	0.000881	0.748	0.0000238	0.00345	0.000825	0.00237	0.00316
2054 Jun	0.00041	0.0017	0.0943	0.0000185	15.9	14.4	0.13	0.0083	31.5	0.00642	0.0127	0.000249	0.00155	0.000821	0.698	0.0000222	0.0032	0.000795	0.00224	0.00296
2054 Jul	0.000405	0.00168	0.0934	0.0000183	15.7	14.2	0.129	0.00821	30.8	0.00633	0.0126	0.000246	0.00153	0.00081	0.688	0.000022	0.00316	0.000786	0.00222	0.00293
2054 Aug	0.00041	0.0017	0.0941	0.0000186	16	14.5	0.131	0.00846	30.9	0.00643	0.0128	0.000247	0.00156	0.000829	0.7	0.0000227	0.00321	0.000793	0.00224	0.00299
2054 Sep	0.000412	0.00171	0.0939	0.0000188	16.2	14.6	0.132	0.00862	30.9	0.00649	0.0129	0.000246	0.00157	0.000841	0.708	0.0000232	0.00324	0.000794	0.00225	0.00304
2054 Oct	0.000408	0.0017	0.0927	0.0000186	16.1	14.5	0.131	0.00859	30.5	0.00644	0.0128	0.000241	0.00156	0.000836	0.703	0.0000232	0.00322	0.000784	0.00223	0.00303
2054 Nov	0.000407	0.00169	0.0923	0.0000186	16	14.5	0.131	0.00858	30.3	0.00642	0.0128	0.00024	0.00156	0.000834	0.701	0.0000231	0.00321	0.000781	0.00222	0.00303
2054 Dec	0.000407	0.0017	0.0924	0.0000186	16.1	14.5	0.131	0.00858	30.3	0.00642	0.0128	0.00024	0.00156	0.000834	0.701	0.0000231	0.00322	0.000781	0.00222	0.00303
2055 Jan	0.000407	0.0017	0.0924	0.0000186	16.1	14.5	0.131	0.00858	30.3	0.00642	0.0128	0.00024	0.00156	0.000834	0.701	0.0000231	0.00322	0.000781	0.00222	0.00303
2055 Feb	0.000407	0.0017	0.0924	0.0000186	16.1	14.5	0.131	0.00858	30.3	0.00642	0.0128	0.00024	0.00156	0.000834	0.702	0.0000231	0.00322	0.000781	0.00222	0.00303
2055 Mar	0.000407	0.0017	0.0924	0.0000186	16.1	14.5	0.131	0.00859	30.3	0.00643	0.0128	0.00024	0.00156	0.000835	0.702	0.0000231	0.00322	0.000782	0.00222	0.00303
2055 Apr	0.000409	0.0017	0.0927	0.0000186	16.1	14.6	0.132	0.00861	30.4	0.00645	0.0128	0.000241	0.00156	0.000837	0.704	0.0000232	0.00323	0.000784	0.00223	0.00304
2055 May	0.000414	0.00172	0.0939	0.0000189	16.3	14.8	0.133	0.00873	30.8	0.00653	0.013	0.000244	0.00158	0.000849	0.713	0.0000235	0.00327	0.000794	0.00226	0.00308
2055 Jun	0.000382	0.0016	0.0882	0.0000176	15.1	13.6	0.123	0.00808	27.9	0.00605	0.0123	0.000224	0.00147	0.000785	0.659	0.0000219	0.00302	0.000745	0.00215	0.00287
2055 Jul	0.000377	0.00158	0.0877	0.0000175	14.9	13.5	0.122	0.00807	27.3	0.00597	0.0123	0.000219	0.00145	0.000779	0.651	0.000022	0.00298	0.000739	0.00215	0.00285
2055 Aug	0.000391	0.00164	0.0902	0.0000182	15.7	14.1	0.128	0.00861	28.1	0.00621	0.0129	0.000224	0.00151	0.00082	0.679	0.0000236	0.0031	0.000764	0.00224	0.00298
2055 Sep	0.000391	0.00165	0.0895	0.0000184	15.8	14.2	0.129	0.00877	28	0.00624	0.013	0.000221	0.00152	0.00083	0.683	0.0000241	0.00312	0.000762	0.00224	0.00302
2055 Oct	0.000393	0.00166	0.0897	0.0000185	15.9	14.3	0.129	0.00885	28.1	0.00628	0.0131	0.000221	0.00153	0.000836	0.688	0.0000243	0.00314	0.000764	0.00225	0.00305
2055 Nov	0.000393	0.00166	0.0898	0.0000185	15.9	14.3	0.13	0.00887	28.1	0.00629	0.0131	0.000221	0.00154	0.000838	0.689	0.0000243	0.00315	0.000765	0.00225	0.00306
2055 Dec	0.000393	0.00166	0.0898	0.0000185	15.9	14.3	0.13	0.00887	28.1	0.00629	0.0131	0.000221	0.00154	0.000838	0.689	0.0000243	0.00315	0.000765	0.00225	0.00306
2056 Jan	0.000393	0.00166	0.0898	0.0000185	16	14.3	0.13	0.00887	28.1	0.00629	0.0131	0.000221	0.00154	0.000838	0.689	0.0000243	0.00315	0.000765	0.00225	0.00306
2056 Feb	0.000393	0.00166	0.0898	0.0000185	16	14.3	0.13	0.00887	28.1	0.00629	0.0131	0.000221	0.00154	0.000838	0.689	0.0000244	0.00315	0.000765	0.00225	0.00306
2056 Mar	0.000394	0.00166	0.0899	0.0000185	16	14.4	0.13	0.00888	28.1	0.0063	0.0131	0.000221	0.00154	0.000839	0.69	0.0000244	0.00315	0.000766	0.00225	0.00306
2056 Apr	0.000395	0.00167	0.0902	0.0000186	16	14.4	0.13	0.00891	28.2	0.00632	0.0132	0.000222	0.00154	0.000842	0.692	0.0000245	0.00316	0.000768	0.00226	0.00307
2056 May	0.000401	0.00168	0.0922	0.0000187	16.1	14.5	0.132	0.00894	28.3	0.00635	0.0133	0.00023	0.00155	0.000845	0.696	0.0000246	0.00317	0.000781	0.00228	0.00308
2056 Jun	0.000389	0.00158	0.0917	0.0000174	14.9	13.5	0.125	0.00832	25.8	0.00588	0.0126	0.000241	0.00143	0.000785	0.645	0.000023	0.00292	0.000759	0.00216	0.00285
2056 Jul	0.000405	0.00164	0.0956	0.0000182	15.5	14	0.13	0.00874	26.7	0.00611	0.0132	0.000251	0.00149	0.00082	0.671	0.0000242	0.00303	0.00079	0.00225	0.00298
2056 Aug	0.000417	0.00169	0.0972	0.0000187	16.1	14.5	0.135	0.00924	27.1	0.00629	0.0137	0.000255	0.00154	0.000856	0.694	0.0000257	0.00313	0.000807	0.0023	0.0031
2056 Sep	0.000427	0.00173	0.0982	0.0000193	16.7	15	0.139	0.00961	27.6	0.00649	0.014	0.000258	0.00159	0.000887	0.716	0.0000268	0.00323	0.000822	0.00235	0.00323
2056 Oct	0.000421	0.00171	0.0969	0.000019	16.5	14.8	0.138	0.00948	27.1	0.00641	0.0138	0.000254	0.00157	0.000875	0.708	0.0000264	0.00319	0.00081	0.00231	0.0032
2056 Nov	0.000421	0.00171	0.0968	0.000019	16.4	14.8	0.137	0.00947	27	0.0064	0.0138	0.000253	0.00157	0.000874	0.707	0.0000264	0.00319	0.000809	0.00231	0.0032
2056 Dec	0.000421	0.00171	0.0968	0.000019	16.5	14.8	0.137	0.00947	27	0.00641	0.0138	0.000253	0.00157	0.000874	0.707	0.0000264	0.00319	0.000809	0.00231	0.0032
2057 Jan	0.000421	0.00171	0.0968	0.000019	16.5	14.8	0.137	0.00947	27	0.00641	0.0138	0.000253	0.00157	0.000874	0.707	0.0000264	0.00319	0.000809	0.00231	0.0032
2057 Feb	0.000421	0.00171	0.0968	0.000019	16.5	14.8	0.137	0.00947	27	0.00641	0.0138	0.000253	0.00157	0.000875	0.708	0.0000264	0.00319	0.000809	0.00231	0.00321
2057 Mar	0.000421	0.00171	0.0969	0.0000191	16.5	14.8	0.138	0.00948	27	0.00642	0.0139	0.000253	0.00157	0.000876	0.708	0.0000264	0.0032	0.00081	0.00231	0.00321
2057 Apr	0.000423	0.00172	0.0973	0.0000191	16.5	14.9	0.138	0.00952	27.1	0.00644	0.0139	0.000254	0.00158	0.000879	0.711	0.0000265	0.00321	0.000813	0.00232	0.00322
2057 May	0.00043	0.00174	0.0991	0.0000194	16.8	15.1	0.14	0.00965	27.5	0.00653	0.0141	0.00026	0.0016	0.000891	0.721	0.0000269	0.00326	0.000827	0.00236	0.00327
2057 Jun	0.000407	0.00162	0.0959	0.000018	15.4	13.9	0.131	0.00883	24.9	0.00602	0.0132	0.000257	0.00147	0.000818	0.664	0.0000246	0.00298	0.000789	0.00222	0.00301
2057 Jul	0.000414	0.00165	0.098	0.0000184	15.7	14.2	0.133	0.00902	25.2	0.00613	0.0135	0.000261	0.0015	0.000834	0.675	0.0000252	0.00303	0.000804	0.00227	0.00307
2057 Aug	0.000441	0.00177	0.103	0.0000198	16.9	15.3	0.143	0.00983	26.6	0.00658	0.0145	0.000275	0.00161	0.000903	0.727	0.0000275	0.00326	0.000855	0.00242	0.00334
2057 Sep	0.00045	0.0018	0.105	0.0000202	17.3	15.6	0.146	0.0101	27	0.00673	0.0148	0.000278	0.00165	0.000923	0.744	0.0000281	0.00334	0.000869	0.00246	0.00343
2057 Oct	0.000448	0.0018	0.104	0.0000201	17.3	15.6	0.146	0.01	26.8	0.00671	0.0147	0.000276	0.00164	0.00092	0.742	0.000028	0.00334	0.000865	0.00245	0.00344
2057 Nov	0.000449	0.0018	0.104	0.0000201	17.3	15.6	0.146	0.01	26.9	0.00673	0.0147	0.000276	0.00165	0.000922	0.744	0.0000281	0.00334	0.000866	0.00245	0.00345
2057 Dec	0.000449	0.0018	0.104	0.0000201	17.3	15.6	0.146	0.01	26.9	0.00673	0.0147	0.000277	0.00165	0.000923	0.744	0.0000281	0.00335	0.000867	0.00245	0.00345
2058 Jan	0.000449	0.0018	0.104	0.0000201	17.3	15.6	0.146	0.01	26.9	0.00673	0.0147	0.000277	0.00165	0.000923	0.744	0.0000281	0.00335	0.000867	0.00245	0.00345

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2058 Feb	0.000449	0.0018	0.104	0.0000201	17.3	15.6	0.146	0.01	26.9	0.00673	0.0147	0.000277	0.00165	0.000923	0.744	0.0000281	0.00335	0.000867	0.00245	0.00345
2058 Mar	0.000449	0.0018	0.104	0.0000202	17.3	15.6	0.146	0.01	26.9	0.00673	0.0147	0.000277	0.00165	0.000923	0.744	0.0000281	0.00335	0.000867	0.00245	0.00345
2058 Apr	0.00045	0.00181	0.104	0.0000202	17.4	15.7	0.146	0.0101	27	0.00675	0.0148	0.000277	0.00165	0.000926	0.746	0.0000282	0.00336	0.000869	0.00246	0.00346
2058 May	0.000456	0.00182	0.106	0.0000202	17.4	15.7	0.147	0.01	26.8	0.00678	0.0148	0.000287	0.00166	0.000925	0.748	0.000028	0.00336	0.00088	0.00247	0.00348
2058 Jun	0.000426	0.00164	0.101	0.0000178	15.3	14	0.133	0.00872	23.1	0.00604	0.0132	0.00029	0.00147	0.000815	0.666	0.0000243	0.00297	0.000824	0.00222	0.00312
2058 Jul	0.000436	0.00167	0.104	0.0000182	15.7	14.3	0.137	0.00899	23.4	0.00617	0.0136	0.000297	0.0015	0.000837	0.681	0.0000251	0.00304	0.000843	0.00227	0.0032
2058 Aug	0.000453	0.00174	0.107	0.000019	16.5	15	0.143	0.00956	24.1	0.00643	0.0142	0.000305	0.00157	0.000881	0.712	0.0000268	0.00317	0.000873	0.00235	0.00337
2058 Sep	0.000452	0.00174	0.106	0.000019	16.6	15	0.144	0.0096	23.9	0.00645	0.0142	0.000302	0.00157	0.000885	0.715	0.0000269	0.00319	0.000868	0.00234	0.00341
2058 Oct	0.000449	0.00173	0.105	0.0000189	16.5	15	0.143	0.00957	23.7	0.00643	0.0141	0.000299	0.00157	0.000882	0.713	0.0000267	0.00319	0.000862	0.00233	0.00342
2058 Nov	0.00045	0.00174	0.105	0.000019	16.6	15	0.143	0.0096	23.7	0.00645	0.0141	0.000299	0.00157	0.000885	0.715	0.0000268	0.00319	0.000863	0.00233	0.00343
2058 Dec	0.00045	0.00174	0.105	0.000019	16.6	15.1	0.143	0.0096	23.7	0.00645	0.0141	0.000299	0.00158	0.000885	0.715	0.0000268	0.0032	0.000863	0.00233	0.00343
2059 Jan	0.00045	0.00174	0.105	0.000019	16.6	15.1	0.143	0.0096	23.7	0.00645	0.0141	0.000299	0.00158	0.000885	0.715	0.0000268	0.0032	0.000863	0.00233	0.00343
2059 Feb	0.00045	0.00174	0.105	0.000019	16.6	15.1	0.143	0.00961	23.7	0.00645	0.0141	0.000299	0.00158	0.000885	0.715	0.0000268	0.0032	0.000863	0.00233	0.00343
2059 Mar	0.00045	0.00174	0.105	0.000019	16.6	15.1	0.143	0.00961	23.7	0.00645	0.0141	0.000299	0.00158	0.000885	0.715	0.0000269	0.0032	0.000863	0.00233	0.00343
2059 Apr	0.000452	0.00174	0.105	0.000019	16.6	15.1	0.144	0.00964	23.8	0.00647	0.0142	0.0003	0.00158	0.000888	0.717	0.0000269	0.00321	0.000866	0.00234	0.00344
2059 May	0.000458	0.00176	0.107	0.0000192	16.8	15.2	0.145	0.00969	24	0.00653	0.0143	0.000307	0.00159	0.000894	0.724	0.0000271	0.00323	0.000878	0.00236	0.00347
2059 Jun	0.000457	0.00173	0.108	0.0000187	16.3	14.8	0.143	0.00937	23	0.00635	0.014	0.000318	0.00155	0.000868	0.704	0.0000262	0.00313	0.000878	0.00232	0.00338
2059 Jul	0.000486	0.00183	0.115	0.0000198	17.3	15.8	0.152	0.00998	24.4	0.00675	0.0149	0.000338	0.00164	0.000923	0.748	0.0000279	0.00332	0.000933	0.00246	0.0036
2059 Aug	0.000511	0.00193	0.12	0.0000209	18.3	16.7	0.161	0.0107	25.5	0.0071	0.0158	0.000353	0.00173	0.000981	0.789	0.0000301	0.0035	0.000977	0.00258	0.00381
2059 Sep	0.000515	0.00194	0.12	0.0000211	18.6	16.9	0.163	0.011	25.6	0.00718	0.016	0.000352	0.00176	0.000999	0.8	0.0000309	0.00355	0.000982	0.0026	0.00389
2059 Oct	0.000489	0.00186	0.114	0.0000201	17.7	16.1	0.155	0.0104	24.2	0.00684	0.0153	0.000332	0.00167	0.000951	0.762	0.0000294	0.00338	0.00093	0.00247	0.00372
2059 Nov	0.000488	0.00185	0.114	0.0000201	17.7	16.1	0.155	0.0104	24.1	0.00682	0.0152	0.00033	0.00166	0.000948	0.76	0.0000293	0.00337	0.000927	0.00246	0.00371
2059 Dec	0.000488	0.00185	0.114	0.0000201	17.7	16.1	0.155	0.0104	24.1	0.00683	0.0152	0.00033	0.00166	0.000948	0.76	0.0000293	0.00337	0.000927	0.00246	0.00372
2060 Jan	0.000488	0.00185	0.114	0.0000201	17.7	16.1	0.155	0.0104	24.1	0.00683	0.0152	0.00033	0.00167	0.000948	0.76	0.0000293	0.00337	0.000927	0.00246	0.00372
2060 Feb	0.000488	0.00185	0.114	0.0000201	17.7	16.1	0.155	0.0104	24.1	0.00683	0.0152	0.000331	0.00167	0.000949	0.76	0.0000293	0.00337	0.000927	0.00246	0.00372
2060 Mar	0.000488	0.00185	0.114	0.0000201	17.7	16.1	0.155	0.0104	24.1	0.00683	0.0153	0.000331	0.00167	0.000949	0.761	0.0000293	0.00338	0.000927	0.00246	0.00372
2060 Apr	0.00049	0.00186	0.115	0.0000202	17.8	16.1	0.155	0.0105	24.2	0.00686	0.0153	0.000332	0.00167	0.000953	0.764	0.0000294	0.00339	0.000931	0.00247	0.00373
2060 May	0.000494	0.00186	0.116	0.00002	17.6	16	0.155	0.0103	23.9	0.00681	0.0153	0.000342	0.00166	0.000943	0.758	0.0000291	0.00335	0.000938	0.00246	0.0037
2060 Jun	0.000476	0.00175	0.115	0.0000187	16.3	14.9	0.147	0.00957	22	0.00634	0.0144	0.000346	0.00154	0.000876	0.705	0.000027	0.0031	0.000907	0.00233	0.00344
2060 Jul	0.000503	0.00185	0.121	0.0000198	17.2	15.8	0.155	0.0102	23.1	0.00669	0.0153	0.000365	0.00162	0.000928	0.745	0.0000288	0.00327	0.000958	0.00246	0.00364
2060 Aug	0.000513	0.00189	0.122	0.0000203	17.8	16.3	0.16	0.0107	23.4	0.00685	0.0158	0.000367	0.00167	0.000962	0.765	0.0000303	0.00336	0.000971	0.00251	0.00378
2060 Sep	0.000492	0.00182	0.116	0.0000196	17.2	15.7	0.154	0.0103	22.2	0.00662	0.0152	0.000347	0.00161	0.00093	0.741	0.0000292	0.00325	0.000926	0.0024	0.0037
2060 Oct	0.000486	0.0018	0.115	0.0000194	17	15.6	0.152	0.0102	21.9	0.00656	0.015	0.000342	0.00159	0.00092	0.733	0.0000288	0.00323	0.000914	0.00237	0.00367
2060 Nov	0.000483	0.00179	0.114	0.0000193	16.9	15.5	0.151	0.0101	21.7	0.00652	0.0149	0.000339	0.00158	0.000914	0.729	0.0000286	0.00321	0.000908	0.00236	0.00366
2060 Dec	0.000484	0.0018	0.114	0.0000193	17	15.5	0.151	0.0101	21.7	0.00653	0.0149	0.000339	0.00159	0.000914	0.729	0.0000286	0.00321	0.000908	0.00236	0.00366
2061 Jan	0.000484	0.0018	0.114	0.0000193	17	15.5	0.151	0.0101	21.7	0.00653	0.0149	0.000339	0.00159	0.000914	0.73	0.0000286	0.00321	0.000908	0.00236	0.00366
2061 Feb	0.000484	0.0018	0.114	0.0000193	17	15.5	0.151	0.0101	21.7	0.00653	0.0149	0.000339	0.00159	0.000914	0.73	0.0000286	0.00321	0.000908	0.00236	0.00366
2061 Mar	0.000484	0.0018	0.114	0.0000193	17	15.5	0.151	0.0101	21.7	0.00653	0.0149	0.000339	0.00159	0.000915	0.73	0.0000286	0.00321	0.000908	0.00236	0.00366
2061 Apr	0.000486	0.0018	0.115	0.0000194	17	15.5	0.152	0.0102	21.8	0.00655	0.015	0.000341	0.00159	0.000918	0.733	0.0000287	0.00322	0.000912	0.00237	0.00367
2061 May	0.00049	0.0018	0.117	0.0000192	16.9	15.4	0.152	0.01	21.5	0.00651	0.0149	0.000351	0.00158	0.000908	0.727	0.0000283	0.00319	0.00092	0.00236	0.00365
2061 Jun	0.000458	0.00165	0.111	0.0000175	15.2	14	0.139	0.00894	19.2	0.0059	0.0136	0.000343	0.00142	0.000817	0.658	0.0000252	0.00287	0.000863	0.00217	0.00331
2061 Jul	0.000481	0.00173	0.117	0.0000184	16	14.7	0.146	0.00948	20	0.0062	0.0144	0.000359	0.0015	0.000862	0.692	0.0000268	0.00301	0.000906	0.00228	0.00349
2061 Aug	0.000503	0.00182	0.121	0.0000194	16.9	15.5	0.154	0.0101	20.8	0.00653	0.0151	0.000372	0.00158	0.000916	0.731	0.0000287	0.00319	0.000944	0.00238	0.00373
2061 Sep	0.000507	0.00183	0.121	0.0000196	17.2	15.7	0.156	0.0103	20.9	0.00661	0.0152	0.000372	0.0016	0.000928	0.74	0.0000291	0.00323	0.000949	0.0024	0.0038
2061 Oct	0.000488	0.00177	0.116	0.0000189	16.6	15.2	0.15	0.0099	20	0.00639	0.0147	0.000355	0.00155	0.000895	0.716	0.000028	0.00313	0.000911	0.00231	0.0037
2061 Nov	0.000482	0.00176	0.115	0.0000187	16.4	15.1	0.149	0.00979	19.7	0.00633	0.0146	0.00035	0.00153	0.000886	0.709	0.0000277	0.0031	0.0009	0.00228	0.00367
2061 Dec	0.000482	0.00176	0.115	0.0000187	16.4	15.1	0.149	0.00979	19.7	0.00634	0.0146	0.00035	0.00153	0.000886	0.709	0.0000277	0.0031	0.0009	0.00228	0.00367
2062 Jan	0.000482	0.00176	0.115	0.0000187	16.4	15.1	0.149	0.00979	19.7	0.00634	0.0146	0.00035	0.00153	0.000886	0.709	0.0000277	0.0031	0.000901	0.00228	0.00367
2062 Feb	0.000482	0.00176	0.115	0.0000188	16.4	15.1	0.149	0.00979	19.8	0.00634	0.0146	0.00035	0.00153	0.000886	0.709	0.0000277	0.0031	0.000901	0.00228	0.00367
2062 Mar	0.000483	0.00176	0.115	0.0000188	16.4	15.1	0.149	0.0098	19.8	0.00635	0.0146	0.00035	0.00154	0.000888	0.71	0.0000277	0.00311	0.000902	0.00228	0.00367
2062 Apr	0.000485	0.00177	0.116	0.0000189	16.5	15.1	0.149	0.00984	19.9	0.00637	0.0146	0.000352	0.00154	0.000891	0.713	0.0000278	0.00312	0.000905	0.00229	0.00369
2062 May	0.00049	0.00179	0.117	0.0000191	16.7	15.3	0.151	0.00996	20.1	0.00644	0.0148	0.000356	0.00156	0.000901	0.721	0.0000281	0.00316	0.000915	0.00232	0.00373
2062 Jun	0.000456	0.00168	0.11	0.000018	15.6	14.3	0.141	0.00927	18.5	0.00603	0.014	0.000329	0.00146	0.00084	0.673	0.0000262	0.00294	0.000863	0.00222	0.0035
2062 Jul	0.000443	0.00164	0.108	0.0000177	15.2	13.9	0.137	0.00906	17.9	0.00588	0.0138	0.000317	0.00143	0.00082	0.655	0.0000257	0.00287	0.000845	0.00221	0.00343
2062 Aug	0.000441	0.00165	0.107	0.0000179	15.4	14	0.138	0.00926	17.7	0.00592	0.014	0.00031	0.00144	0.000831	0.66	0.0000263	0.00289	0.000838	0.00221	0.00349
2062 Sep	0.000432	0.00162	0.104	0.0000177	15.2	13.9	0.135	0.00919	17.3	0.00586	0.0138	0.000298	0.00142	0.000824	0.654	0.0000261	0.00287	0.000818	0.00218	0.00349
2062 Oct	0.000406	0.00155	0.0983	0.0000168	14.4	13.1	0.127	0.00866	16.2	0.00556	0.0131	0.000276	0.00135	0.000778	0.619	0.0000245	0.00272	0.000768	0.00206	0.00333
2062 Nov	0.000406	0.00155	0.0983	0.0000169	14.4	13.2	0.127	0.00866	16.2	0.00556	0.0131	0.000276	0.00135	0.000778	0.62	0.0000246	0.00272	0.000768	0.00206	0.00333
2062 Dec	0.000406	0.00155	0.0983	0.0000169	14.4	13.2	0.127	0.00866	16.2	0.00556	0.0131	0.000276	0.00135	0.000779	0.62	0.0000246	0.00272	0.000768	0.00206	0.00334
2063 Jan	0.000407	0.00155	0.0983	0.0000169	14.4	13.2	0.127	0.00866	16.2	0.00556	0.0131	0.000276	0.00135	0.000779	0.62	0.0000246	0.00272	0.000768	0.00206	0.00334
2063 Feb	0.000407	0.00155	0.0983	0.0000169	14.4	13.2	0.127	0.00867	16.2	0.00557	0.0131	0.000276	0.00135	0.000779	0.62	0.0000246	0.00273	0.000768	0.00206	0.00334
2063 Mar	0.000407	0.00155	0.0983	0.0000169	14.4	13.2	0.128	0.00867	16.2	0.00557	0.0131	0.000276	0.00135	0.000779	0.62	0.0000246	0.00273	0.000768	0.00206	0.00334
2063 Apr	0.000408	0.00155	0.0986	0.0000169	14.5	13.2	0.128	0.00869	16.3	0.00558	0.0131	0.000276	0.00135	0.000781	0.622	0.0000246	0.00273	0.00077	0.00207	0.00335
2063 May	0.000412	0.00156	0.1	0.000017	14.5	13.2	0.129	0.0087	16.3	0.0056	0.0132	0.000283	0.00136	0.000783	0.624	0.0000247	0.00274	0.000779	0.00208	0.00336
2063 Jun	0.000373	0.00137	0.0944	0.0000148	12.3	11.3	0.113	0.00735	13.7	0.00478	0.0117	0.000276	0.00115	0.000664	0.531	0.000021	0.0023	0.000713	0.00185	0.00285
2063 Jul	0.000369	0.00136	0.094	0.0000147	12.2	11.2	0.112	0.0074	13.5	0.00473	0.0118	0.000272	0.00114	0.000663	0.526	0.0000212	0.00227	0.000709	0.00186	0.00283
2063 Aug	0.000387	0.00143	0.097	0.0000156	13.1	12	0.119	0.00807	14.1	0.00501	0.0125	0.000279	0.00122	0.000713	0.56	0.0000232	0.00242	0.000739	0.00196	0.00306
2063 Sep	0.000388	0.00144	0.0966	0.0000158	13.2	12.1	0.12	0.00819	14	0.00506	0.0126	0.000276	0.00123	0.000722	0.566	0.0000236	0.00245	0.000738	0.00196	0.00312
2063 Oct	0.000381	0.00142	0.095	0.0000156	13	11.9	0.118	0.00805	13.8	0.00498	0.0124	0.00027	0.00121	0.00071	0.556	0.0000232	0.00241	0.000724	0.00193	0.00307
2063 Nov	0.000381	0.00142	0.095	0.0000156	13	11.9	0.118	0.00804	13.7	0.00498	0.0124	0.00027	0.00121	0.000709	0.556	0.0000231	0.00241	0.000724	0.00193	0.00307
2063 Dec	0.000381	0.00142	0.0951	0.0000156	13	11.9	0.118	0.00804	13.7	0.00498	0.0124	0.00027	0.00121	0.00071	0.557	0.0000231	0.00241	0.000724	0.00193	0.00308

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2064 Jan	0.000381	0.00142	0.0951	0.0000156	13	11.9	0.118	0.00804	13.7	0.00498	0.0124	0.00027	0.00121	0.00071	0.557	0.0000231	0.00241	0.000724	0.00193	0.00308
2064 Feb	0.000381	0.00142	0.0951	0.0000156	13	11.9	0.118	0.00805	13.7	0.00498	0.0124	0.00027	0.00121	0.00071	0.557	0.0000231	0.00241	0.000724	0.00193	0.00308
2064 Mar	0.000381	0.00142	0.0952	0.0000156	13	11.9	0.118	0.00806	13.8	0.00499	0.0125	0.00027	0.00121	0.000711	0.558	0.0000232	0.00241	0.000725	0.00194	0.00308
2064 Apr	0.000382	0.00142	0.0954	0.0000156	13.1	12	0.118	0.00808	13.8	0.005	0.0125	0.000271	0.00121	0.000713	0.559	0.0000232	0.00242	0.000727	0.00194	0.00309
2064 May	0.000386	0.00142	0.0972	0.0000155	13	11.9	0.118	0.00798	13.7	0.00497	0.0125	0.00028	0.0012	0.000706	0.555	0.0000229	0.0024	0.000735	0.00194	0.00307
2064 Jun	0.000369	0.00132	0.0957	0.0000141	11.6	10.8	0.11	0.0071	12.2	0.0045	0.0116	0.000287	0.00108	0.000633	0.501	0.0000205	0.00213	0.000706	0.0018	0.00276
2064 Jul	0.000383	0.00136	0.0992	0.0000147	12	11.2	0.114	0.00746	12.6	0.00465	0.0121	0.000296	0.00112	0.00066	0.519	0.0000216	0.0022	0.00073	0.00187	0.00286
2064 Aug	0.00039	0.00139	0.1	0.0000151	12.4	11.5	0.117	0.0078	12.8	0.00477	0.0124	0.000298	0.00115	0.000684	0.534	0.0000227	0.00227	0.000739	0.00191	0.00298
2064 Sep	0.000383	0.00138	0.0979	0.0000149	12.3	11.4	0.115	0.00771	12.5	0.00472	0.0122	0.000289	0.00114	0.000677	0.529	0.0000223	0.00225	0.000722	0.00187	0.00298
2064 Oct	0.000384	0.00138	0.098	0.000015	12.4	11.4	0.116	0.00773	12.5	0.00475	0.0122	0.000288	0.00114	0.00068	0.532	0.0000224	0.00227	0.000723	0.00188	0.00301
2064 Nov	0.000385	0.00139	0.0983	0.000015	12.5	11.5	0.116	0.00776	12.5	0.00477	0.0123	0.000289	0.00115	0.000682	0.534	0.0000224	0.00228	0.000726	0.00188	0.00303
2064 Dec	0.000385	0.00139	0.0983	0.000015	12.5	11.5	0.116	0.00776	12.5	0.00478	0.0123	0.00029	0.00115	0.000683	0.535	0.0000225	0.00228	0.000726	0.00188	0.00303
2065 Jan	0.000385	0.00139	0.0983	0.000015	12.5	11.5	0.116	0.00776	12.5	0.00478	0.0123	0.00029	0.00115	0.000683	0.535	0.0000225	0.00228	0.000726	0.00188	0.00303
2065 Feb	0.000385	0.00139	0.0984	0.000015	12.5	11.5	0.116	0.00776	12.5	0.00478	0.0123	0.00029	0.00115	0.000683	0.535	0.0000225	0.00228	0.000726	0.00188	0.00303
2065 Mar	0.000386	0.00139	0.0985	0.000015	12.5	11.5	0.117	0.00777	12.6	0.00479	0.0123	0.00029	0.00115	0.000684	0.536	0.0000225	0.00229	0.000727	0.00189	0.00303
2065 Apr	0.000387	0.0014	0.0989	0.0000151	12.5	11.6	0.117	0.00781	12.6	0.00481	0.0124	0.000291	0.00116	0.000687	0.538	0.0000226	0.0023	0.00073	0.00189	0.00305
2065 May	0.000394	0.00141	0.101	0.0000152	12.6	11.6	0.118	0.00781	12.6	0.00484	0.0125	0.000301	0.00116	0.00069	0.542	0.0000226	0.00231	0.000744	0.00191	0.00307
2065 Jun	0.000379	0.00133	0.0986	0.0000142	11.7	10.9	0.112	0.00724	11.7	0.00452	0.0118	0.0003	0.00108	0.000641	0.505	0.000021	0.00214	0.000719	0.00181	0.00287
2065 Jul	0.000398	0.0014	0.103	0.000015	12.4	11.5	0.118	0.00774	12.2	0.00475	0.0125	0.000313	0.00114	0.00068	0.532	0.0000225	0.00225	0.000755	0.00191	0.00304
2065 Aug	0.000417	0.00147	0.107	0.0000158	13.1	12.2	0.125	0.00833	12.8	0.00501	0.0132	0.000323	0.00121	0.000726	0.563	0.0000243	0.00238	0.000786	0.002	0.00324
2065 Sep	0.000405	0.00144	0.103	0.0000155	12.9	11.9	0.122	0.0082	12.4	0.00492	0.0129	0.000309	0.00119	0.000713	0.553	0.0000239	0.00235	0.000761	0.00195	0.00322
2065 Oct	0.00038	0.00137	0.0967	0.0000147	12.3	11.4	0.115	0.00776	11.6	0.0047	0.0122	0.000284	0.00113	0.000677	0.527	0.0000225	0.00225	0.000711	0.00184	0.00311
2065 Nov	0.000378	0.00137	0.0961	0.0000147	12.3	11.3	0.114	0.00773	11.5	0.00468	0.0122	0.000281	0.00113	0.000675	0.526	0.0000224	0.00224	0.000706	0.00183	0.00311
2065 Dec	0.000378	0.00137	0.0961	0.0000147	12.3	11.3	0.115	0.00773	11.5	0.00468	0.0122	0.000281	0.00113	0.000675	0.526	0.0000224	0.00224	0.000706	0.00183	0.00311
2066 Jan	0.000378	0.00137	0.0961	0.0000147	12.3	11.3	0.115	0.00773	11.5	0.00469	0.0122	0.000281	0.00113	0.000675	0.526	0.0000224	0.00224	0.000706	0.00183	0.00311
2066 Feb	0.000378	0.00137	0.0962	0.0000147	12.3	11.3	0.115	0.00774	11.5	0.00469	0.0122	0.000281	0.00113	0.000675	0.526	0.0000224	0.00224	0.000707	0.00183	0.00312
2066 Mar	0.000379	0.00137	0.0964	0.0000147	12.3	11.4	0.115	0.00776	11.6	0.0047	0.0122	0.000282	0.00113	0.000677	0.528	0.0000225	0.00225	0.000708	0.00183	0.00312
2066 Apr	0.00038	0.00137	0.0966	0.0000148	12.4	11.4	0.115	0.00778	11.6	0.00471	0.0122	0.000282	0.00113	0.000679	0.529	0.0000225	0.00225	0.00071	0.00184	0.00313
2066 May	0.000385	0.00139	0.0979	0.0000149	12.5	11.5	0.117	0.00787	11.7	0.00477	0.0124	0.000286	0.00115	0.000687	0.535	0.0000228	0.00228	0.000719	0.00186	0.00317
2066 Jun	0.000359	0.00129	0.0932	0.0000139	11.4	10.6	0.108	0.0072	10.6	0.00437	0.0116	0.000272	0.00105	0.000628	0.49	0.0000209	0.00207	0.00068	0.00176	0.00291
2066 Jul	0.000375	0.00135	0.0974	0.0000146	12	11.1	0.113	0.00766	11.1	0.00458	0.0123	0.000282	0.0011	0.000664	0.514	0.0000224	0.00217	0.000711	0.00186	0.00306
2066 Aug	0.000391	0.00142	0.101	0.0000154	12.7	11.7	0.119	0.00819	11.6	0.00482	0.013	0.00029	0.00116	0.000704	0.541	0.000024	0.00229	0.00074	0.00195	0.00325
2066 Sep	0.000391	0.00142	0.1	0.0000155	12.8	11.8	0.12	0.0083	11.6	0.00485	0.013	0.000287	0.00117	0.000711	0.545	0.0000243	0.00231	0.000738	0.00196	0.0033
2066 Oct	0.000382	0.0014	0.0979	0.0000152	12.7	11.6	0.117	0.00818	11.3	0.00477	0.0128	0.000277	0.00115	0.000701	0.537	0.000024	0.00228	0.000719	0.00192	0.00326
2066 Nov	0.000381	0.0014	0.0974	0.0000152	12.6	11.6	0.117	0.00819	11.3	0.00476	0.0128	0.000274	0.00115	0.0007	0.536	0.000024	0.00228	0.000716	0.00191	0.00327
2066 Dec	0.000381	0.0014	0.0975	0.0000152	12.7	11.6	0.117	0.0082	11.3	0.00477	0.0128	0.000274	0.00115	0.000701	0.537	0.000024	0.00228	0.000717	0.00191	0.00327
2067 Jan	0.000381	0.0014	0.0975	0.0000152	12.7	11.6	0.117	0.0082	11.3	0.00477	0.0128	0.000274	0.00115	0.000701	0.537	0.000024	0.00228	0.000717	0.00191	0.00327
2067 Feb	0.000381	0.0014	0.0975	0.0000152	12.7	11.6	0.117	0.0082	11.3	0.00477	0.0128	0.000275	0.00115	0.000701	0.537	0.000024	0.00228	0.000717	0.00191	0.00327
2067 Mar	0.000381	0.0014	0.0976	0.0000152	12.7	11.6	0.117	0.00821	11.3	0.00477	0.0128	0.000275	0.00115	0.000702	0.538	0.000024	0.00228	0.000718	0.00192	0.00328
2067 Apr	0.000382	0.0014	0.0978	0.0000153	12.7	11.7	0.118	0.00823	11.3	0.00479	0.0129	0.000275	0.00116	0.000704	0.539	0.0000241	0.00229	0.000719	0.00192	0.00328
2067 May	0.00039	0.00142	0.1	0.0000154	12.8	11.8	0.119	0.0083	11.5	0.00483	0.013	0.000285	0.00117	0.00071	0.544	0.0000243	0.0023	0.000734	0.00194	0.00331
2067 Jun	0.000381	0.00136	0.0991	0.0000146	12.1	11.2	0.115	0.00787	10.8	0.00457	0.0126	0.000289	0.0011	0.000672	0.514	0.0000231	0.00216	0.000719	0.00187	0.00312
2067 Jul	0.000402	0.00144	0.105	0.0000155	12.9	11.9	0.122	0.00847	11.5	0.00483	0.0134	0.000303	0.00117	0.000718	0.545	0.000025	0.00229	0.00076	0.00198	0.00332
2067 Aug	0.000412	0.00147	0.106	0.000016	13.3	12.3	0.126	0.00888	11.7	0.00497	0.0139	0.000307	0.0012	0.000747	0.563	0.0000263	0.00236	0.000774	0.00204	0.00345
2067 Sep	0.000413	0.00148	0.106	0.0000161	13.5	12.4	0.127	0.00903	11.8	0.00501	0.014	0.000305	0.00121	0.000756	0.568	0.0000267	0.00238	0.000774	0.00204	0.0035
2067 Oct	0.0004	0.00144	0.103	0.0000157	13.2	12.1	0.124	0.00884	11.4	0.00487	0.0136	0.000292	0.00118	0.000738	0.553	0.0000262	0.00232	0.000747	0.00198	0.00343
2067 Nov	0.000398	0.00144	0.102	0.0000156	13.1	12	0.123	0.00882	11.3	0.00486	0.0136	0.000289	0.00118	0.000736	0.552	0.0000261	0.00232	0.000743	0.00197	0.00342
2067 Dec	0.000398	0.00144	0.102	0.0000156	13.1	12	0.123	0.00882	11.3	0.00486	0.0136	0.00029	0.00118	0.000736	0.552	0.0000261	0.00232	0.000743	0.00198	0.00343
2068 Jan	0.000398	0.00144	0.102	0.0000156	13.1	12	0.123	0.00883	11.3	0.00486	0.0136	0.00029	0.00118	0.000737	0.552	0.0000261	0.00232	0.000743	0.00198	0.00343
2068 Feb	0.000398	0.00144	0.102	0.0000156	13.1	12	0.123	0.00883	11.4	0.00487	0.0136	0.00029	0.00118	0.000737	0.552	0.0000261	0.00232	0.000743	0.00198	0.00343
2068 Mar	0.000399	0.00144	0.102	0.0000156	13.2	12.1	0.124	0.00885	11.4	0.00488	0.0136	0.00029	0.00118	0.000738	0.554	0.0000262	0.00232	0.000745	0.00198	0.00344
2068 Apr	0.000402	0.00146	0.103	0.0000158	13.3	12.2	0.124	0.00892	11.5	0.00491	0.0138	0.000293	0.00119	0.000744	0.558	0.0000264	0.00234	0.000751	0.002	0.00346
2068 May	0.000408	0.00147	0.105	0.0000158	13.3	12.2	0.126	0.00894	11.5	0.00493	0.0138	0.000301	0.00119	0.000746	0.56	0.0000265	0.00234	0.000762	0.00201	0.00347
2068 Jun	0.000374	0.0013	0.0986	0.0000139	11.5	10.7	0.112	0.0078	10	0.00429	0.0124	0.000293	0.00103	0.00065	0.487	0.0000232	0.00201	0.000703	0.0018	0.00301
2068 Jul	0.000385	0.00134	0.101	0.0000144	11.9	11	0.116	0.00814	10.3	0.00441	0.0129	0.0003	0.00107	0.000674	0.502	0.0000243	0.00207	0.000724	0.00187	0.00312
2068 Aug	0.000406	0.00141	0.106	0.0000152	12.7	11.7	0.123	0.00872	10.9	0.00467	0.0137	0.000314	0.00113	0.000719	0.533	0.0000261	0.0022	0.000761	0.00197	0.00333
2068 Sep	0.000404	0.00141	0.105	0.0000153	12.8	11.8	0.123	0.00878	10.8	0.00469	0.0137	0.00031	0.00114	0.000723	0.535	0.0000263	0.00221	0.000757	0.00196	0.00336
2068 Oct	0.000404	0.00142	0.105	0.0000153	12.8	11.8	0.123	0.00882	10.8	0.0047	0.0137	0.000308	0.00114	0.000725	0.536	0.0000264	0.00222	0.000755	0.00196	0.00339
2068 Nov	0.000405	0.00142	0.105	0.0000153	12.9	11.8	0.124	0.00885	10.8	0.00472	0.0137	0.000309	0.00115	0.000728	0.539	0.0000265	0.00223	0.000757	0.00197	0.0034
2068 Dec	0.000405	0.00142	0.105	0.0000154	12.9	11.8	0.124	0.00886	10.8	0.00472	0.0138	0.000309	0.00115	0.000729	0.539	0.0000265	0.00223	0.000758	0.00197	0.00341
2069 Jan	0.000405	0.00142	0.105	0.0000154	12.9	11.8	0.124	0.00886	10.8	0.00472	0.0138	0.000309	0.00115	0.000729	0.539	0.0000265	0.00223	0.000758	0.00197	0.00341
2069 Feb	0.000406	0.00142	0.106	0.0000154	12.9	11.9	0.124	0.00886	10.8	0.00472	0.0138	0.000309	0.00115	0.000729	0.539	0.0000265	0.00223	0.000758	0.00197	0.00341
2069 Mar	0.000406	0.00142	0.106	0.0000154	12.9	11.9	0.124	0.00887	10.8	0.00472	0.0138	0.000309	0.00115	0.000729	0.539	0.0000265	0.00223	0.000758	0.00197	0.00341
2069 Apr	0.000406	0.00143	0.106	0.0000154	12.9	11.9	0.124	0.00889	10.9	0.00473	0.0138	0.000309	0.00115	0.000731	0.54	0.0000266	0.00223	0.000759	0.00198	0.00341
2069 May	0.000414	0.00145	0.108	0.0000157	13.1	12.1	0.127	0.00905	11.1	0.00482	0.014	0.000316	0.00117	0.000744	0.55	0.0000271	0.00227	0.000774	0.00201	0.00348
2069 Jun	0.000392	0.00137	0.103	0.0000148	12.3	11.3	0.119	0.00853	10.3	0.00452	0.0134	0.000301	0.0011	0.000699	0.515	0.0000256	0.00212	0.00074	0.00194	0.00326
2069 Jul	0.000402	0.00141	0.106	0.0000154	12.8	11.7	0.124	0.00897	10.6	0.00466	0.014	0.000306	0.00114	0.000729	0.532	0.0000271	0.00219	0.000762	0.00201	0.00339
2069 Aug	0.000412	0.00145	0.108	0.0000158	13.2	12.1	0.128	0.00937	10.9	0.0048	0.0145	0.00031	0.00117	0.000757	0.549	0.0000283	0.00226	0.000778	0.00207	0.00352
2069 Sep	0.000397	0.00141	0.104	0.0000154	12.9	11.8	0.124	0.00918	10.6	0.00467	0.0141	0.000295	0.00114	0.000739	0.535	0.0000277	0.0022	0.000749	0.00201	0.00345
2069 Oct	0.000375	0.00135	0.0983	0.0000148	12.3	11.3	0.117	0.00876	10	0.00445	0.0135	0.000273	0.00109	0.000705	0.51	0.0000264	0.0021	0.000704	0.00191	0.00332
2069 Nov	0.000373	0.00134	0.0979	0.0000147	12.3	11.2	0.117	0.00873	9.96	0.00444	0.0135	0.000271	0.00108	0.000702	0.508	0.0000264	0.00209	0.0007	0.0019	0.00331

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Dec	0.000374	0.00135	0.0979	0.0000147	12.3	11.2	0.117	0.00874	9.96	0.00444	0.0135	0.000271	0.00108	0.000702	0.508	0.0000264	0.0021	0.0007	0.0019	0.00331
2070 Jan	0.000374	0.00135	0.0979	0.0000147	12.3	11.2	0.117	0.00874	9.96	0.00444	0.0135	0.000271	0.00108	0.000702	0.508	0.0000264	0.0021	0.0007	0.0019	0.00331
2070 Feb	0.000374	0.00135	0.0979	0.0000147	12.3	11.2	0.117	0.00874	9.96	0.00444	0.0135	0.000271	0.00108	0.000702	0.508	0.0000264	0.0021	0.0007	0.0019	0.00331
2070 Mar	0.000374	0.00135	0.0979	0.0000147	12.3	11.2	0.117	0.00875	9.97	0.00444	0.0135	0.000271	0.00108	0.000703	0.509	0.0000264	0.0021	0.000701	0.0019	0.00332
2070 Apr	0.000375	0.00135	0.0984	0.0000148	12.4	11.3	0.117	0.00878	10	0.00446	0.0135	0.000272	0.00109	0.000706	0.511	0.0000265	0.00211	0.000703	0.00191	0.00333
2070 May	0.000382	0.00137	0.1	0.0000149	12.4	11.4	0.119	0.00882	10.1	0.00449	0.0137	0.00028	0.00109	0.000709	0.514	0.0000266	0.00211	0.000716	0.00193	0.00334
2070 Jun	0.000375	0.00131	0.1	0.0000142	11.7	10.8	0.114	0.0083	9.6	0.00425	0.0132	0.000288	0.00103	0.000669	0.486	0.0000251	0.00198	0.000706	0.00186	0.00315
2070 Jul	0.000391	0.00137	0.105	0.0000149	12.2	11.3	0.12	0.00875	10	0.00443	0.0138	0.0003	0.00108	0.000702	0.508	0.0000265	0.00206	0.000736	0.00195	0.00329
2070 Aug	0.000405	0.00142	0.108	0.0000155	12.8	11.8	0.125	0.0093	10.4	0.0046	0.0144	0.000307	0.00112	0.00074	0.53	0.0000283	0.00215	0.000759	0.00202	0.00346
2070 Sep	0.000393	0.00139	0.104	0.0000151	12.6	11.5	0.122	0.00912	10.1	0.0045	0.0141	0.000294	0.0011	0.000724	0.518	0.0000277	0.00211	0.000733	0.00196	0.00342
2070 Oct	0.00038	0.00135	0.101	0.0000147	12.2	11.2	0.118	0.00884	9.78	0.00437	0.0137	0.000282	0.00107	0.000703	0.503	0.0000269	0.00205	0.000708	0.0019	0.00333
2070 Nov	0.00038	0.00135	0.101	0.0000147	12.2	11.2	0.118	0.00883	9.76	0.00437	0.0137	0.000281	0.00106	0.000702	0.503	0.0000268	0.00205	0.000707	0.0019	0.00333
2070 Dec	0.00038	0.00135	0.101	0.0000147	12.2	11.2	0.118	0.00883	9.76	0.00437	0.0137	0.000281	0.00106	0.000702	0.503	0.0000268	0.00205	0.000707	0.0019	0.00333
2071 Jan	0.00038	0.00135	0.101	0.0000147	12.2	11.2	0.118	0.00884	9.76	0.00437	0.0137	0.000281	0.00106	0.000702	0.503	0.0000268	0.00205	0.000707	0.0019	0.00333
2071 Feb	0.00038	0.00135	0.101	0.0000147	12.2	11.2	0.118	0.00884	9.76	0.00437	0.0137	0.000281	0.00106	0.000702	0.503	0.0000268	0.00205	0.000707	0.0019	0.00333
2071 Mar	0.00038	0.00135	0.101	0.0000147	12.2	11.2	0.118	0.00884	9.76	0.00437	0.0137	0.000281	0.00106	0.000702	0.503	0.0000268	0.00205	0.000707	0.0019	0.00333
2071 Apr	0.000381	0.00135	0.101	0.0000148	12.2	11.2	0.118	0.00886	9.78	0.00438	0.0138	0.000281	0.00107	0.000703	0.504	0.0000269	0.00205	0.000708	0.0019	0.00334
2071 May	0.000383	0.00135	0.102	0.0000147	12.1	11.1	0.118	0.00878	9.74	0.00435	0.0137	0.000288	0.00106	0.000698	0.501	0.0000267	0.00203	0.000713	0.0019	0.00331
2071 Jun	0.000367	0.00126	0.0999	0.0000136	11.1	10.3	0.111	0.00803	9.02	0.00399	0.0129	0.00029	0.000966	0.000639	0.459	0.0000245	0.00184	0.000688	0.00179	0.00301
2071 Jul	0.000376	0.00129	0.102	0.000014	11.4	10.5	0.114	0.00832	9.24	0.00408	0.0133	0.000296	0.00099	0.000659	0.47	0.0000255	0.00188	0.000706	0.00184	0.00309
2071 Aug	0.000391	0.00134	0.105	0.0000146	12	11.1	0.119	0.00889	9.65	0.00426	0.014	0.000304	0.00104	0.000697	0.493	0.0000272	0.00197	0.000731	0.00192	0.00327
2071 Sep	0.000383	0.00133	0.103	0.0000145	11.9	10.9	0.118	0.00884	9.47	0.00422	0.0138	0.000295	0.00103	0.000692	0.488	0.0000271	0.00195	0.000713	0.00188	0.00327
2071 Oct	0.000377	0.00131	0.101	0.0000143	11.7	10.8	0.116	0.00872	9.31	0.00415	0.0136	0.000288	0.00101	0.000682	0.481	0.0000267	0.00193	0.0007	0.00185	0.00323
2071 Nov	0.000375	0.0013	0.101	0.0000142	11.7	10.7	0.115	0.00868	9.27	0.00414	0.0136	0.000286	0.00101	0.000679	0.479	0.0000266	0.00192	0.000696	0.00185	0.00322
2071 Dec	0.000375	0.0013	0.101	0.0000142	11.7	10.7	0.115	0.00868	9.27	0.00414	0.0136	0.000286	0.00101	0.000679	0.479	0.0000266	0.00192	0.000696	0.00185	0.00322
2072 Jan	0.000375	0.0013	0.101	0.0000142	11.7	10.7	0.115	0.00868	9.27	0.00414	0.0136	0.000286	0.00101	0.000679	0.479	0.0000266	0.00192	0.000696	0.00185	0.00322
2072 Feb	0.000375	0.0013	0.101	0.0000142	11.7	10.7	0.115	0.00869	9.27	0.00414	0.0136	0.000286	0.00101	0.000679	0.479	0.0000266	0.00192	0.000696	0.00185	0.00322
2072 Mar	0.000375	0.0013	0.101	0.0000142	11.7	10.7	0.115	0.00869	9.27	0.00414	0.0136	0.000286	0.00101	0.00068	0.479	0.0000266	0.00192	0.000697	0.00185	0.00322
2072 Apr	0.000376	0.00131	0.101	0.0000143	11.7	10.8	0.116	0.00872	9.3	0.00415	0.0136	0.000287	0.00101	0.000682	0.481	0.0000267	0.00193	0.000699	0.00185	0.00323
2072 May	0.000383	0.00133	0.103	0.0000145	11.9	11	0.118	0.00886	9.46	0.00422	0.0138	0.000291	0.00103	0.000693	0.489	0.0000272	0.00196	0.00071	0.00188	0.00328
2072 Jun	0.000368	0.00129	0.1	0.0000141	11.5	10.6	0.113	0.00857	9.1	0.00407	0.0136	0.000279	0.000993	0.000669	0.47	0.0000263	0.00188	0.000692	0.00186	0.00317
2072 Jul	0.00037	0.0013	0.101	0.0000144	11.7	10.7	0.115	0.0088	9.2	0.00411	0.0139	0.000278	0.00101	0.000682	0.476	0.0000271	0.0019	0.000697	0.0019	0.00322
2072 Aug	0.000364	0.00129	0.0981	0.0000143	11.7	10.7	0.115	0.00901	9.14	0.00409	0.0139	0.000266	0.001	0.00069	0.475	0.0000278	0.0019	0.000679	0.00188	0.00325
2072 Sep	0.000355	0.00127	0.0949	0.0000142	11.7	10.6	0.113	0.00899	8.97	0.00405	0.0137	0.000253	0.000995	0.000686	0.471	0.0000278	0.00188	0.000657	0.00185	0.00327
2072 Oct	0.00034	0.00123	0.0915	0.0000137	11.2	10.2	0.108	0.00864	8.62	0.0039	0.0133	0.00024	0.000958	0.00066	0.454	0.0000267	0.00182	0.00063	0.00178	0.00316
2072 Nov	0.000339	0.00123	0.0912	0.0000137	11.2	10.2	0.108	0.0086	8.58	0.00389	0.0132	0.000239	0.000954	0.000657	0.452	0.0000265	0.00181	0.000627	0.00178	0.00315
2072 Dec	0.000339	0.00123	0.0912	0.0000137	11.2	10.2	0.108	0.0086	8.58	0.00389	0.0132	0.000239	0.000954	0.000657	0.452	0.0000265	0.00181	0.000627	0.00178	0.00315
2073 Jan	0.000339	0.00123	0.0912	0.0000137	11.2	10.2	0.108	0.0086	8.58	0.00389	0.0132	0.000238	0.000954	0.000657	0.452	0.0000265	0.00181	0.000627	0.00178	0.00315
2073 Feb	0.000339	0.00123	0.0912	0.0000137	11.2	10.2	0.108	0.0086	8.58	0.00389	0.0132	0.000238	0.000954	0.000657	0.452	0.0000265	0.00181	0.000627	0.00178	0.00315
2073 Mar	0.000339	0.00123	0.0913	0.0000137	11.2	10.2	0.108	0.00861	8.59	0.00389	0.0132	0.000239	0.000954	0.000657	0.452	0.0000266	0.00181	0.000627	0.00178	0.00315
2073 Apr	0.000342	0.00124	0.0919	0.0000138	11.3	10.3	0.109	0.00867	8.65	0.00392	0.0133	0.00024	0.000961	0.000662	0.456	0.0000268	0.00182	0.000631	0.00179	0.00317
2073 May	0.000346	0.00124	0.0939	0.0000138	11.2	10.2	0.109	0.00854	8.62	0.00391	0.0133	0.00025	0.000955	0.000656	0.453	0.0000264	0.00181	0.000641	0.00179	0.00315
2073 Jun	0.000341	0.00119	0.0939	0.0000131	10.5	9.64	0.104	0.00793	8.17	0.00369	0.0127	0.00026	0.000897	0.000613	0.427	0.0000245	0.00169	0.000635	0.00172	0.00297
2073 Jul	0.00035	0.00122	0.0961	0.0000135	10.9	9.97	0.108	0.0083	8.42	0.0038	0.0131	0.000265	0.000926	0.000638	0.441	0.0000257	0.00174	0.000651	0.00178	0.00308
2073 Aug	0.000362	0.00127	0.0982	0.000014	11.4	10.5	0.113	0.00882	8.73	0.00396	0.0137	0.00027	0.00097	0.000673	0.462	0.0000273	0.00183	0.000669	0.00183	0.00326
2073 Sep	0.000357	0.00126	0.0963	0.000014	11.4	10.4	0.112	0.00883	8.64	0.00396	0.0136	0.000263	0.00097	0.000673	0.462	0.0000273	0.00183	0.000658	0.00181	0.0033
2073 Oct	0.000347	0.00123	0.0936	0.0000136	11.1	10.2	0.109	0.00857	8.38	0.00386	0.0132	0.000253	0.000943	0.000654	0.45	0.0000265	0.00179	0.000637	0.00176	0.00322
2073 Nov	0.000345	0.00122	0.0931	0.0000136	11.1	10.1	0.108	0.00851	8.33	0.00384	0.0132	0.000251	0.000938	0.00065	0.447	0.0000263	0.00178	0.000633	0.00175	0.00321
2073 Dec	0.000345	0.00122	0.0932	0.0000136	11.1	10.1	0.108	0.00852	8.34	0.00384	0.0132	0.000251	0.000938	0.00065	0.448	0.0000263	0.00178	0.000634	0.00175	0.00321
2074 Jan	0.000345	0.00122	0.0932	0.0000136	11.1	10.1	0.108	0.00852	8.34	0.00384	0.0132	0.000251	0.000938	0.00065	0.448	0.0000263	0.00178	0.000634	0.00175	0.00321
2074 Feb	0.000345	0.00122	0.0932	0.0000136	11.1	10.1	0.108	0.00852	8.34	0.00384	0.0132	0.000251	0.000939	0.00065	0.448	0.0000263	0.00178	0.000634	0.00175	0.00321
2074 Mar	0.000345	0.00122	0.0932	0.0000136	11.1	10.1	0.108	0.00852	8.34	0.00384	0.0132	0.000251	0.000939	0.000651	0.448	0.0000263	0.00178	0.000634	0.00176	0.00322
2074 Apr	0.000347	0.00123	0.0938	0.0000137	11.1	10.2	0.109	0.00857	8.39	0.00387	0.0133	0.000253	0.000945	0.000655	0.451	0.0000265	0.00179	0.000638	0.00177	0.00324
2074 May	0.000354	0.00123	0.0964	0.0000136	11	10.1	0.109	0.00842	8.36	0.00385	0.0132	0.000267	0.000936	0.000646	0.448	0.000026	0.00177	0.000652	0.00177	0.00321
2074 Jun	0.000342	0.00115	0.0947	0.0000125	10	9.3	0.103	0.0076	7.72	0.00354	0.0122	0.000275	0.000855	0.000588	0.411	0.0000235	0.00161	0.000634	0.00165	0.00295
2074 Jul	0.00036	0.00121	0.0987	0.0000132	10.7	9.87	0.109	0.00816	8.13	0.00374	0.013	0.000287	0.000907	0.000628	0.436	0.0000253	0.0017	0.000666	0.00174	0.00315
2074 Aug	0.000379	0.00128	0.103	0.000014	11.4	10.5	0.116	0.00878	8.58	0.00399	0.0137	0.000299	0.000971	0.000674	0.466	0.0000272	0.00183	0.000699	0.00183	0.00341
2074 Sep	0.000371	0.00126	0.0999	0.0000138	11.3	10.4	0.114	0.00863	8.37	0.00394	0.0134	0.000289	0.00096	0.000664	0.46	0.0000267	0.00181	0.000681	0.00179	0.00341
2074 Oct	0.000364	0.00124	0.098	0.0000136	11.2	10.3	0.112	0.0085	8.22	0.0039	0.0132	0.000282	0.000949	0.000655	0.455	0.0000262	0.0018	0.000668	0.00176	0.0034
2074 Nov	0.000364	0.00125	0.0978	0.0000136	11.2	10.3	0.112	0.0085	8.21	0.00391	0.0132	0.000281	0.000952	0.000656	0.456	0.0000262	0.00181	0.000667	0.00175	0.00342
2074 Dec	0.000364	0.00125	0.0978	0.0000136	11.2	10.3	0.112	0.0085	8.21	0.00391	0.0132	0.000281	0.000952	0.000656	0.456	0.0000262	0.00181	0.000668	0.00175	0.00343
2075 Jan	0.000364	0.00125	0.0978	0.0000136	11.2	10.3	0.112	0.0085	8.21	0.00392	0.0132	0.000281	0.000952	0.000656	0.457	0.0000262	0.00181	0.000668	0.00176	0.00343
2075 Feb	0.000365	0.00125	0.0978	0.0000136	11.2	10.3	0.112	0.0085	8.21	0.00392	0.0132	0.000281	0.000953	0.000656	0.457	0.0000262	0.00181	0.000668	0.00176	0.00343
2075 Mar	0.000365	0.00125	0.0979	0.0000136	11.2	10.3	0.112	0.00851	8.22	0.00392	0.0132	0.000281	0.000954	0.000657	0.457	0.0000262	0.00181	0.000668	0.00176	0.00343
2075 Apr	0.000367	0.00126	0.0984	0.0000137	11.3	10.4	0.113	0.00856	8.26	0.00394	0.0133	0.000283	0.000959	0.00066	0.46	0.0000264	0.00182	0.000672	0.00177	0.00345
2075 May	0.000372	0.00127	0.1	0.0000139	11.4	10.5	0.114	0.00862	8.35	0.00399	0.0134	0.000289	0.000971	0.000667	0.465	0.0000265	0.00184	0.000683	0.00179	0.0035
2075 Jun	0.000344	0.00119	0.0935	0.0000131	10.6	9.76	0.106	0.00806	7.74	0.00373	0.0127	0.000264	0.000909	0.000622	0.433	0.0000249	0.00171	0.000641	0.00172	0.00328
2075 Jul	0.000341	0.00119	0.0931	0.0000131	10.6	9.76	0.106	0.00813	7.72	0.00372	0.0128	0.000259	0.000911	0.000625	0.432	0.0000252	0.00171	0.000641	0.00174	0.00329
2075 Aug	0.000348	0.00122	0.0944	0.0000135	11	10.1	0.109	0.00852	7.95	0.00383	0.0132	0.00026	0.000942	0.00065	0.446	0.0000264	0.00177	0.000653	0.00179	0.00342
2075 Sep	0.000351	0.00123	0.0948	0.0000137	11.2	10.3	0.11	0.00871	8.04	0.00388	0.0134	0.00026	0.000957	0.000663	0.453	0.000027	0.00179	0.000657	0.00181	0.00349
2075 Oct	0.000348	0.00122	0.0939	0.0000136	11.2	10.2	0.11	0.00866	7.98	0.00386	0.0133	0.000256	0.00095	0.000658	0.45	0.0000269	0.00178	0.00065	0.0018	0.00347

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2075 Nov	0.000348	0.00122	0.094	0.0000137	11.2	10.2	0.11	0.00868	7.99	0.00386	0.0134	0.000256	0.000952	0.00066	0.451	0.0000269	0.00179	0.00065	0.0018	0.00348
2075 Dec	0.000348	0.00122	0.094	0.0000137	11.2	10.2	0.11	0.00869	7.99	0.00387	0.0134	0.000256	0.000952	0.00066	0.451	0.0000269	0.00179	0.000651	0.0018	0.00348
2076 Jan	0.000348	0.00122	0.094	0.0000137	11.2	10.2	0.11	0.00869	8	0.00387	0.0134	0.000256	0.000952	0.00066	0.451	0.0000269	0.00179	0.000651	0.0018	0.00348
2076 Feb	0.000348	0.00122	0.094	0.0000137	11.2	10.2	0.11	0.00869	8	0.00387	0.0134	0.000256	0.000953	0.000661	0.451	0.0000269	0.00179	0.000651	0.0018	0.00348
2076 Mar	0.000349	0.00123	0.0941	0.0000137	11.2	10.2	0.11	0.0087	8.01	0.00387	0.0134	0.000256	0.000954	0.000661	0.452	0.000027	0.00179	0.000652	0.0018	0.00349
2076 Apr	0.00035	0.00123	0.0944	0.0000137	11.2	10.3	0.11	0.00873	8.03	0.00388	0.0134	0.000257	0.000957	0.000663	0.453	0.0000271	0.0018	0.000654	0.00181	0.0035
2076 May	0.000356	0.00124	0.0966	0.0000138	11.3	10.3	0.112	0.00877	8.12	0.00391	0.0136	0.000266	0.000962	0.000667	0.456	0.0000272	0.0018	0.000666	0.00183	0.00351
2076 Jun	0.000345	0.00117	0.0951	0.0000129	10.4	9.56	0.105	0.00808	7.62	0.0036	0.0128	0.000272	0.000883	0.000615	0.42	0.0000252	0.00164	0.00065	0.00173	0.00321
2076 Jul	0.000353	0.0012	0.0972	0.0000132	10.7	9.86	0.109	0.00847	7.86	0.00369	0.0133	0.000277	0.000909	0.000638	0.432	0.0000265	0.00168	0.000666	0.00179	0.00331
2076 Aug	0.000369	0.00125	0.1	0.0000139	11.4	10.4	0.115	0.00911	8.26	0.00388	0.014	0.000285	0.00096	0.000681	0.456	0.0000285	0.00177	0.000692	0.00187	0.00352
2076 Sep	0.000372	0.00126	0.101	0.000014	11.6	10.6	0.117	0.00925	8.35	0.00393	0.0141	0.000286	0.000973	0.000691	0.462	0.000029	0.0018	0.000697	0.00189	0.00358
2076 Oct	0.000362	0.00124	0.0986	0.0000137	11.3	10.3	0.114	0.00903	8.14	0.00384	0.0138	0.000277	0.000949	0.000674	0.452	0.0000283	0.00176	0.000678	0.00184	0.00351
2076 Nov	0.000361	0.00123	0.0983	0.0000137	11.2	10.3	0.113	0.00899	8.11	0.00382	0.0138	0.000276	0.000946	0.000672	0.45	0.0000281	0.00175	0.000675	0.00184	0.0035
2076 Dec	0.000361	0.00123	0.0983	0.0000137	11.2	10.3	0.113	0.00899	8.11	0.00383	0.0138	0.000276	0.000946	0.000672	0.45	0.0000281	0.00175	0.000676	0.00184	0.0035
2077 Jan	0.000361	0.00123	0.0983	0.0000137	11.2	10.3	0.113	0.00899	8.11	0.00383	0.0138	0.000276	0.000946	0.000672	0.45	0.0000281	0.00175	0.000676	0.00184	0.0035
2077 Feb	0.000361	0.00123	0.0983	0.0000137	11.2	10.3	0.113	0.00899	8.12	0.00383	0.0138	0.000276	0.000946	0.000672	0.45	0.0000281	0.00175	0.000676	0.00184	0.0035
2077 Mar	0.000361	0.00123	0.0984	0.0000137	11.3	10.3	0.113	0.009	8.12	0.00383	0.0138	0.000276	0.000947	0.000672	0.45	0.0000282	0.00175	0.000676	0.00184	0.0035
2077 Apr	0.000363	0.00124	0.0987	0.0000138	11.3	10.3	0.114	0.00903	8.15	0.00384	0.0139	0.000277	0.00095	0.000675	0.452	0.0000283	0.00176	0.000679	0.00185	0.00352
2077 May	0.000367	0.00125	0.1	0.0000138	11.3	10.4	0.114	0.00903	8.19	0.00385	0.0139	0.000284	0.000951	0.000676	0.453	0.0000283	0.00176	0.000688	0.00186	0.00352
2077 Jun	0.000354	0.00117	0.0982	0.0000129	10.4	9.59	0.108	0.00829	7.68	0.00356	0.0131	0.000287	0.000876	0.000622	0.419	0.000026	0.0016	0.000667	0.00175	0.00323
2077 Jul	0.00037	0.00122	0.103	0.0000135	10.9	10.1	0.113	0.00881	8.07	0.00373	0.0138	0.000299	0.00092	0.000657	0.439	0.0000277	0.00168	0.000699	0.00185	0.0034
2077 Aug	0.000387	0.00128	0.106	0.0000142	11.7	10.7	0.12	0.0095	8.5	0.00393	0.0146	0.000308	0.000974	0.000703	0.465	0.0000299	0.00178	0.000727	0.00193	0.00363
2077 Sep	0.00037	0.00124	0.101	0.0000137	11.3	10.3	0.116	0.00918	8.15	0.0038	0.014	0.000291	0.000941	0.000679	0.45	0.0000289	0.00173	0.000692	0.00185	0.00355
2077 Oct	0.000366	0.00123	0.1	0.0000136	11.2	10.2	0.114	0.00907	8.07	0.00377	0.0139	0.000286	0.000931	0.000672	0.445	0.0000285	0.00171	0.000684	0.00183	0.00353
2077 Nov	0.000367	0.00123	0.1	0.0000136	11.2	10.3	0.114	0.00909	8.08	0.00378	0.0139	0.000287	0.000934	0.000673	0.446	0.0000286	0.00172	0.000686	0.00184	0.00354
2077 Dec	0.000368	0.00123	0.1	0.0000136	11.2	10.3	0.114	0.00909	8.09	0.00378	0.014	0.000287	0.000934	0.000674	0.447	0.0000286	0.00172	0.000686	0.00184	0.00354
2078 Jan	0.000368	0.00123	0.1	0.0000136	11.2	10.3	0.115	0.00909	8.09	0.00378	0.014	0.000287	0.000934	0.000674	0.447	0.0000286	0.00172	0.000686	0.00184	0.00354
2078 Feb	0.000368	0.00123	0.1	0.0000136	11.2	10.3	0.115	0.0091	8.09	0.00378	0.014	0.000287	0.000935	0.000674	0.447	0.0000286	0.00172	0.000686	0.00184	0.00354
2078 Mar	0.000368	0.00123	0.1	0.0000136	11.2	10.3	0.115	0.0091	8.09	0.00378	0.014	0.000287	0.000935	0.000674	0.447	0.0000286	0.00172	0.000686	0.00184	0.00354
2078 Apr	0.00037	0.00124	0.101	0.0000137	11.3	10.3	0.115	0.00916	8.15	0.00381	0.0141	0.000289	0.000941	0.000679	0.45	0.0000288	0.00173	0.000691	0.00185	0.00357
2078 May	0.000375	0.00123	0.103	0.0000135	11	10.1	0.114	0.00885	8.04	0.00374	0.0138	0.000304	0.000918	0.00066	0.441	0.0000278	0.00168	0.000701	0.00183	0.00348
2078 Jun	0.000361	0.00115	0.101	0.0000125	10	9.35	0.107	0.00806	7.51	0.00345	0.0129	0.000307	0.000841	0.000604	0.406	0.0000254	0.00153	0.000678	0.00172	0.00319
2078 Jul	0.000379	0.00121	0.106	0.0000132	10.6	9.89	0.114	0.00863	7.93	0.00362	0.0137	0.00032	0.000888	0.000642	0.428	0.0000272	0.00161	0.00071	0.0018	0.00338
2078 Aug	0.000387	0.00124	0.107	0.0000135	11.1	10.2	0.117	0.00901	8.13	0.00374	0.014	0.000324	0.000919	0.000668	0.443	0.0000284	0.00167	0.000721	0.00184	0.00354
2078 Sep	0.000389	0.00125	0.107	0.0000137	11.2	10.4	0.118	0.00911	8.18	0.00378	0.0141	0.000323	0.00093	0.000676	0.449	0.0000287	0.0017	0.000723	0.00185	0.00361
2078 Oct	0.000385	0.00124	0.106	0.0000136	11.1	10.3	0.117	0.00902	8.08	0.00375	0.014	0.000318	0.000923	0.00067	0.445	0.0000284	0.00169	0.000713	0.00183	0.0036
2078 Nov	0.000384	0.00124	0.106	0.0000136	11.1	10.3	0.117	0.00901	8.07	0.00375	0.014	0.000318	0.000922	0.000669	0.445	0.0000284	0.00169	0.000713	0.00183	0.0036
2078 Dec	0.000384	0.00124	0.106	0.0000136	11.1	10.3	0.117	0.00902	8.08	0.00375	0.014	0.000318	0.000923	0.000669	0.445	0.0000284	0.00169	0.000713	0.00183	0.00361
2079 Jan	0.000384	0.00124	0.106	0.0000136	11.1	10.3	0.117	0.00901	8.07	0.00375	0.014	0.000318	0.000923	0.000669	0.445	0.0000284	0.00169	0.000713	0.00183	0.00361
2079 Feb	0.000384	0.00124	0.106	0.0000136	11.1	10.3	0.117	0.00902	8.07	0.00375	0.014	0.000318	0.000923	0.000669	0.445	0.0000284	0.00169	0.000713	0.00183	0.00361
2079 Mar	0.000385	0.00124	0.106	0.0000136	11.1	10.3	0.117	0.00902	8.08	0.00376	0.014	0.000318	0.000924	0.00067	0.446	0.0000284	0.00169	0.000713	0.00183	0.00361
2079 Apr	0.000386	0.00125	0.106	0.0000136	11.1	10.3	0.117	0.00906	8.11	0.00377	0.014	0.000319	0.000927	0.000673	0.447	0.0000285	0.0017	0.000716	0.00184	0.00362
2079 May	0.000393	0.00127	0.108	0.0000138	11.3	10.5	0.119	0.00919	8.24	0.00383	0.0143	0.000325	0.000941	0.000682	0.454	0.0000289	0.00172	0.000728	0.00186	0.00368
2079 Jun	0.000363	0.00117	0.102	0.0000128	10.2	9.5	0.109	0.00827	7.53	0.00349	0.0132	0.000306	0.000857	0.000617	0.412	0.0000261	0.00155	0.000684	0.00175	0.00334
2079 Jul	0.000363	0.00117	0.102	0.0000129	10.3	9.55	0.109	0.00837	7.56	0.00351	0.0133	0.000304	0.000862	0.000622	0.414	0.0000264	0.00156	0.000686	0.00178	0.00337
2079 Aug	0.000375	0.00121	0.104	0.0000134	10.8	10	0.114	0.0089	7.88	0.00366	0.0139	0.00031	0.000904	0.000657	0.433	0.0000282	0.00163	0.000706	0.00185	0.00356
2079 Sep	0.000368	0.0012	0.102	0.0000133	10.8	9.94	0.113	0.00886	7.76	0.00363	0.0138	0.0003	0.000898	0.000653	0.43	0.000028	0.00163	0.00069	0.00182	0.00358
2079 Oct	0.000361	0.00119	0.1	0.0000132	10.6	9.8	0.111	0.00872	7.64	0.00358	0.0136	0.000293	0.000885	0.000643	0.424	0.0000275	0.00161	0.000677	0.00179	0.00354
2079 Nov	0.000359	0.00118	0.0997	0.0000131	10.6	9.74	0.11	0.00867	7.6	0.00356	0.0135	0.00029	0.00088	0.000639	0.422	0.0000274	0.0016	0.000673	0.00178	0.00352
2079 Dec	0.000357	0.00118	0.0994	0.0000131	10.5	9.7	0.11	0.00863	7.57	0.00355	0.0135	0.000288	0.000876	0.000637	0.42	0.0000272	0.00159	0.00067	0.00178	0.00351
2080 Jan	0.000357	0.00118	0.0994	0.0000131	10.5	9.7	0.11	0.00863	7.57	0.00355	0.0135	0.000288	0.000876	0.000637	0.42	0.0000273	0.00159	0.00067	0.00178	0.00351
2080 Feb	0.000357	0.00118	0.0994	0.0000131	10.5	9.7	0.11	0.00863	7.57	0.00355	0.0135	0.000288	0.000876	0.000637	0.42	0.0000273	0.00159	0.00067	0.00178	0.00351
2080 Mar	0.000357	0.00118	0.0994	0.0000131	10.5	9.7	0.11	0.00863	7.57	0.00355	0.0135	0.000288	0.000876	0.000637	0.42	0.0000273	0.00159	0.00067	0.00178	0.00351
2080 Apr	0.000358	0.00118	0.0996	0.0000131	10.6	9.73	0.11	0.00866	7.59	0.00356	0.0135	0.000289	0.000879	0.000639	0.421	0.0000273	0.0016	0.000671	0.00178	0.00352
2080 May	0.000364	0.0012	0.101	0.0000133	10.7	9.89	0.112	0.0088	7.72	0.00362	0.0138	0.000294	0.000893	0.000649	0.429	0.0000278	0.00163	0.000683	0.00181	0.00358
2080 Jun	0.000345	0.00115	0.0973	0.0000129	10.2	9.41	0.106	0.00839	7.35	0.00345	0.0133	0.000277	0.000854	0.000618	0.407	0.0000265	0.00154	0.000656	0.00177	0.00341
2080 Jul	0.000338	0.00114	0.0958	0.0000129	10.2	9.34	0.105	0.00848	7.32	0.00341	0.0134	0.000266	0.000848	0.000619	0.403	0.0000269	0.00152	0.000646	0.00179	0.0034
2080 Aug	0.000342	0.00116	0.0969	0.0000132	10.5	9.57	0.108	0.0088	7.49	0.00348	0.0138	0.000266	0.000867	0.000638	0.412	0.000028	0.00156	0.000651	0.00182	0.00349
2080 Sep	0.000336	0.00115	0.095	0.0000131	10.4	9.5	0.106	0.00879	7.42	0.00345	0.0137	0.000257	0.00086	0.000636	0.409	0.000028	0.00155	0.000637	0.0018	0.00348
2080 Oct	0.000331	0.00114	0.0936	0.000013	10.3	9.4	0.105	0.00871	7.33	0.00341	0.0135	0.000251	0.000851	0.000629	0.404	0.0000277	0.00153	0.000626	0.00178	0.00346
2080 Nov	0.000327	0.00113	0.0928	0.0000129	10.2	9.3	0.104	0.00862	7.26	0.00338	0.0134	0.000247	0.000842	0.000623	0.401	0.0000274	0.00152	0.000619	0.00177	0.00343
2080 Dec	0.000327	0.00113	0.0928	0.0000129	10.2	9.3	0.104	0.00861	7.26	0.00338	0.0134	0.000247	0.000842	0.000622	0.4	0.0000274	0.00152	0.000619	0.00177	0.00343
2081 Jan	0.000327	0.00113	0.0928	0.0000129	10.2	9.3	0.104	0.00861	7.26	0.00338	0.0134	0.000247	0.000842	0.000622	0.401	0.0000274	0.00152	0.000619	0.00177	0.00343
2081 Feb	0.000327	0.00113	0.0928	0.0000129	10.2	9.31	0.104	0.00862	7.26	0.00338	0.0134	0.000247	0.000842	0.000623	0.401	0.0000274	0.00152	0.000619	0.00177	0.00343
2081 Mar	0.000327	0.00113	0.0928	0.0000129	10.2	9.31	0.104	0.00862	7.26	0.00338	0.0135	0.000247	0.000842	0.000623	0.401	0.0000274	0.00152	0.000619	0.00177	0.00344
2081 Apr	0.000329	0.00114	0.0932	0.0000129	10.3	9.35	0.104	0.00866	7.29	0.0034	0.0135	0.000248	0.000846	0.000626	0.402	0.0000275	0.00152	0.000621	0.00178	0.00345
2081 May	0.000336	0.00114	0.0959	0.0000129	10.2	9.32	0.105	0.00857	7.33	0.00338	0.0135	0.000261	0.000839	0.000621	0.401	0.0000273	0.00151	0.000635	0.00178	0.00342
2081 Jun	0.000331	0.0011	0.0955	0.0000124	9.66	8.9	0.102	0.00815	7.09	0.00323	0.0131	0.000266	0.000797	0.000591	0.382	0.000026	0.00142	0.000628	0.00173	0.00323
2081 Jul	0.00035	0.00117	0.101	0.0000131	10.3	9.48	0.108	0.00878	7.55	0.00341	0.0139	0.00028	0.000846	0.000632	0.405	0.0000281	0.0015	0.000663	0.00183	0.00344
2081 Aug	0.000369	0.00123	0.104	0.0000138	11.1	10.1	0.116	0.00958	8.04	0.00362	0.0149	0.00029	0.000903	0.000684	0.433	0.0000307	0.00161	0.000693	0.00192	0.0037
2081 Sep	0.000367	0.00123	0.104	0.0000138	11.1	10.2	0.116	0.00961	8.02	0.00362	0.0148	0.000286	0.000904	0.000685	0.433	0.0000307	0.00161	0.000687	0.00191	0.00373

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2081 Oct	0.000365	0.00122	0.103	0.0000138	11.1	10.1	0.115	0.00957	7.99	0.00361	0.0148	0.000284	0.0009	0.000682	0.432	0.0000306	0.00161	0.000683	0.00191	0.00373
2081 Nov	0.00036	0.00121	0.102	0.0000136	10.9	10	0.114	0.00945	7.89	0.00357	0.0146	0.00028	0.000889	0.000674	0.427	0.0000302	0.00159	0.000675	0.00188	0.00369
2081 Dec	0.00036	0.00121	0.102	0.0000136	10.9	9.99	0.114	0.00945	7.89	0.00357	0.0146	0.00028	0.000889	0.000674	0.427	0.0000302	0.00159	0.000674	0.00188	0.00369
2082 Jan	0.00036	0.00121	0.102	0.0000136	10.9	9.99	0.114	0.00945	7.89	0.00357	0.0146	0.00028	0.000889	0.000674	0.427	0.0000302	0.00159	0.000674	0.00188	0.00369
2082 Feb	0.00036	0.00121	0.102	0.0000136	10.9	10	0.114	0.00945	7.89	0.00357	0.0146	0.00028	0.000889	0.000674	0.427	0.0000302	0.00159	0.000674	0.00188	0.00369
2082 Mar	0.00036	0.00121	0.102	0.0000136	10.9	10	0.114	0.00946	7.9	0.00357	0.0146	0.00028	0.00089	0.000674	0.427	0.0000303	0.00159	0.000675	0.00188	0.00369
2082 Apr	0.000361	0.00121	0.102	0.0000137	11	10	0.114	0.00949	7.92	0.00358	0.0147	0.000281	0.000893	0.000677	0.428	0.0000303	0.00159	0.000677	0.00189	0.00371
2082 May	0.000367	0.00123	0.104	0.0000139	11.1	10.2	0.116	0.00963	8.04	0.00363	0.0149	0.000285	0.000906	0.000687	0.435	0.0000308	0.00162	0.000687	0.00192	0.00376
2082 Jun	0.000333	0.00113	0.0961	0.0000129	10.1	9.27	0.105	0.00874	7.33	0.00333	0.0138	0.000257	0.000832	0.000625	0.396	0.000028	0.00147	0.000637	0.00182	0.00345
2082 Jul	0.00032	0.0011	0.0934	0.0000126	9.79	8.94	0.101	0.00846	7.08	0.00322	0.0135	0.000245	0.000806	0.000604	0.381	0.0000272	0.00142	0.000619	0.0018	0.00334
2082 Aug	0.00033	0.00114	0.096	0.0000131	10.3	9.33	0.106	0.00899	7.4	0.00334	0.0141	0.00025	0.000839	0.000635	0.397	0.0000289	0.00147	0.000637	0.00187	0.00348
2082 Sep	0.000332	0.00115	0.0961	0.0000132	10.4	9.46	0.107	0.00919	7.5	0.00337	0.0143	0.000248	0.000849	0.000647	0.402	0.0000296	0.00149	0.000639	0.00188	0.00354
2082 Oct	0.000319	0.00111	0.0924	0.0000128	10.1	9.14	0.103	0.0089	7.24	0.00325	0.0139	0.000235	0.000819	0.000626	0.388	0.0000287	0.00144	0.000613	0.00182	0.00343
2082 Nov	0.000319	0.00111	0.0926	0.0000128	10.1	9.15	0.103	0.00892	7.25	0.00326	0.0139	0.000236	0.00082	0.000627	0.389	0.0000287	0.00144	0.000613	0.00182	0.00344
2082 Dec	0.00032	0.00111	0.0926	0.0000128	10.1	9.16	0.103	0.00892	7.26	0.00326	0.0139	0.000236	0.000821	0.000627	0.389	0.0000287	0.00144	0.000614	0.00182	0.00344
2083 Jan	0.00032	0.00111	0.0926	0.0000128	10.1	9.16	0.103	0.00892	7.26	0.00326	0.0139	0.000236	0.000821	0.000627	0.389	0.0000287	0.00144	0.000614	0.00182	0.00344
2083 Feb	0.00032	0.00111	0.0926	0.0000128	10.1	9.16	0.103	0.00893	7.26	0.00326	0.0139	0.000236	0.000821	0.000627	0.389	0.0000287	0.00144	0.000614	0.00182	0.00344
2083 Mar	0.00032	0.00111	0.0927	0.0000129	10.1	9.17	0.103	0.00894	7.27	0.00326	0.014	0.000236	0.000822	0.000628	0.39	0.0000288	0.00144	0.000615	0.00182	0.00345
2083 Apr	0.000321	0.00112	0.0931	0.0000129	10.2	9.21	0.104	0.00898	7.3	0.00328	0.014	0.000237	0.000826	0.000631	0.391	0.0000289	0.00145	0.000617	0.00183	0.00346
2083 May	0.000328	0.00113	0.0955	0.000013	10.1	9.23	0.105	0.00892	7.34	0.00329	0.0141	0.000248	0.000825	0.000629	0.392	0.0000287	0.00145	0.000631	0.00184	0.00346
2083 Jun	0.000318	0.00106	0.0939	0.000012	9.26	8.51	0.0985	0.00812	6.88	0.00303	0.0131	0.000256	0.000756	0.000575	0.361	0.0000262	0.00131	0.000615	0.00173	0.00317
2083 Jul	0.000326	0.00109	0.0957	0.0000123	9.6	8.8	0.102	0.0085	7.11	0.00311	0.0136	0.00026	0.000779	0.000598	0.372	0.0000275	0.00135	0.000629	0.00178	0.00328
2083 Aug	0.00033	0.0011	0.0958	0.0000126	9.92	9.06	0.104	0.00886	7.25	0.00318	0.0139	0.000259	0.000801	0.00062	0.382	0.0000287	0.00139	0.000631	0.0018	0.00343
2083 Sep	0.000324	0.00109	0.0938	0.0000125	9.88	9	0.103	0.0088	7.15	0.00317	0.0137	0.000251	0.000797	0.000616	0.381	0.0000284	0.00139	0.000618	0.00177	0.00347
2083 Oct	0.000312	0.00106	0.0906	0.0000121	9.51	8.67	0.099	0.00843	6.88	0.00306	0.0132	0.000239	0.000768	0.000592	0.367	0.0000272	0.00135	0.000592	0.00171	0.00336
2083 Nov	0.000309	0.00105	0.0898	0.000012	9.41	8.58	0.0979	0.00833	6.81	0.00303	0.0131	0.000236	0.000759	0.000585	0.363	0.0000268	0.00133	0.000586	0.00169	0.00334
2083 Dec	0.000309	0.00105	0.0898	0.000012	9.41	8.58	0.0979	0.00833	6.81	0.00304	0.0131	0.000236	0.00076	0.000585	0.364	0.0000268	0.00133	0.000586	0.00169	0.00334
2084 Jan	0.000309	0.00105	0.0898	0.000012	9.41	8.58	0.0979	0.00833	6.81	0.00304	0.0131	0.000236	0.00076	0.000585	0.364	0.0000268	0.00133	0.000586	0.00169	0.00334
2084 Feb	0.000309	0.00105	0.0898	0.000012	9.41	8.59	0.0979	0.00833	6.81	0.00304	0.0131	0.000236	0.00076	0.000585	0.364	0.0000269	0.00133	0.000586	0.00169	0.00334
2084 Mar	0.000309	0.00105	0.0899	0.000012	9.42	8.59	0.098	0.00834	6.82	0.00304	0.0131	0.000236	0.000761	0.000586	0.364	0.0000269	0.00134	0.000586	0.00169	0.00334
2084 Apr	0.000311	0.00106	0.0904	0.0000121	9.49	8.65	0.0986	0.0084	6.86	0.00306	0.0132	0.000238	0.000766	0.00059	0.366	0.0000271	0.00134	0.00059	0.0017	0.00336
2084 May	0.00032	0.00107	0.0936	0.0000121	9.42	8.65	0.0996	0.00829	6.91	0.00306	0.0132	0.000253	0.000762	0.000585	0.366	0.0000267	0.00133	0.000607	0.00171	0.00335
2084 Jun	0.00031	0.00101	0.092	0.0000113	8.63	8	0.0938	0.00752	6.49	0.00284	0.0124	0.000259	0.000701	0.000535	0.339	0.0000243	0.00122	0.000592	0.00161	0.00307
2084 Jul	0.000322	0.00105	0.0951	0.0000117	9.02	8.34	0.0979	0.00794	6.77	0.00295	0.0129	0.000267	0.000729	0.000561	0.352	0.0000256	0.00126	0.000612	0.00167	0.00321
2084 Aug	0.000332	0.00108	0.0969	0.0000122	9.51	8.76	0.102	0.00844	7.04	0.00307	0.0134	0.000272	0.000764	0.000594	0.369	0.0000273	0.00133	0.000628	0.00172	0.00341
2084 Sep	0.000329	0.00108	0.0956	0.0000121	9.51	8.75	0.102	0.00844	7	0.00307	0.0134	0.000267	0.000764	0.000593	0.369	0.0000272	0.00133	0.00062	0.00171	0.00345
2084 Oct	0.000321	0.00106	0.0936	0.0000119	9.29	8.55	0.0993	0.00822	6.83	0.00301	0.0131	0.000259	0.000747	0.000579	0.361	0.0000265	0.00131	0.000604	0.00167	0.00339
2084 Nov	0.000319	0.00105	0.093	0.0000118	9.22	8.48	0.0985	0.00814	6.78	0.00299	0.013	0.000257	0.000741	0.000574	0.359	0.0000262	0.0013	0.000599	0.00165	0.00337
2084 Dec	0.000319	0.00105	0.093	0.0000118	9.22	8.49	0.0985	0.00814	6.78	0.00299	0.013	0.000257	0.000741	0.000574	0.359	0.0000262	0.0013	0.000599	0.00165	0.00337
2085 Jan	0.000319	0.00105	0.093	0.0000118	9.22	8.49	0.0985	0.00814	6.78	0.00299	0.013	0.000257	0.000741	0.000574	0.359	0.0000262	0.0013	0.000599	0.00165	0.00337
2085 Feb	0.000319	0.00105	0.093	0.0000118	9.22	8.49	0.0985	0.00814	6.78	0.00299	0.013	0.000257	0.000741	0.000574	0.359	0.0000262	0.0013	0.000599	0.00165	0.00337
2085 Mar	0.000319	0.00105	0.093	0.0000118	9.23	8.49	0.0986	0.00815	6.79	0.00299	0.013	0.000257	0.000741	0.000574	0.359	0.0000263	0.0013	0.000599	0.00166	0.00337
2085 Apr	0.00032	0.00106	0.0934	0.0000119	9.26	8.52	0.0989	0.00818	6.81	0.003	0.013	0.000258	0.000744	0.000576	0.36	0.0000264	0.0013	0.000601	0.00166	0.00338
2085 May	0.000327	0.00107	0.0958	0.0000119	9.2	8.51	0.0995	0.00808	6.84	0.003	0.013	0.00027	0.000741	0.000572	0.36	0.000026	0.0013	0.000615	0.00167	0.00337
2085 Jun	0.000328	0.00105	0.0969	0.0000116	8.9	8.29	0.0981	0.00777	6.73	0.00293	0.0128	0.00028	0.000719	0.000553	0.35	0.0000251	0.00125	0.000619	0.00164	0.00327
2085 Jul	0.000344	0.0011	0.101	0.0000122	9.43	8.76	0.104	0.00832	7.09	0.00308	0.0135	0.000292	0.000758	0.000588	0.369	0.0000269	0.00132	0.000646	0.00172	0.00346
2085 Aug	0.000342	0.0011	0.099	0.0000122	9.62	8.89	0.105	0.00852	7.12	0.00311	0.0135	0.000285	0.000769	0.000601	0.375	0.0000275	0.00135	0.000637	0.0017	0.00359
2085 Sep	0.000333	0.00108	0.0959	0.000012	9.44	8.72	0.102	0.00832	6.93	0.00306	0.0132	0.000274	0.000755	0.000588	0.368	0.0000268	0.00133	0.000616	0.00166	0.00357
2085 Oct	0.000324	0.00106	0.0937	0.0000118	9.23	8.52	0.0993	0.00811	6.76	0.003	0.0129	0.000265	0.000738	0.000574	0.361	0.0000261	0.0013	0.000599	0.00162	0.00351
2085 Nov	0.00032	0.00105	0.0927	0.0000117	9.12	8.42	0.098	0.008	6.68	0.00297	0.0127	0.000261	0.000729	0.000566	0.357	0.0000257	0.00129	0.000591	0.0016	0.00348
2085 Dec	0.000321	0.00105	0.0927	0.0000117	9.12	8.42	0.098	0.008	6.68	0.00297	0.0127	0.000261	0.000729	0.000566	0.357	0.0000257	0.00129	0.000591	0.0016	0.00348
2086 Jan	0.000321	0.00105	0.0927	0.0000117	9.12	8.43	0.098	0.008	6.68	0.00297	0.0127	0.000261	0.00073	0.000566	0.357	0.0000257	0.00129	0.000591	0.0016	0.00348
2086 Feb	0.000321	0.00105	0.0927	0.0000117	9.12	8.43	0.098	0.00801	6.68	0.00297	0.0127	0.000261	0.00073	0.000566	0.357	0.0000257	0.00129	0.000591	0.0016	0.00348
2086 Mar	0.000321	0.00105	0.0928	0.0000117	9.13	8.43	0.0981	0.00801	6.69	0.00297	0.0127	0.000261	0.00073	0.000567	0.357	0.0000257	0.00129	0.000592	0.0016	0.00349
2086 Apr	0.000322	0.00105	0.0932	0.0000117	9.17	8.47	0.0985	0.00805	6.72	0.00298	0.0128	0.000263	0.000734	0.00057	0.359	0.0000259	0.0013	0.000594	0.00161	0.0035
2086 May	0.000328	0.00107	0.0952	0.0000119	9.28	8.58	0.1	0.00813	6.82	0.00302	0.013	0.00027	0.000742	0.000576	0.363	0.0000261	0.00131	0.000606	0.00163	0.00355
2086 Jun	0.000316	0.00101	0.0933	0.0000112	8.49	7.93	0.0938	0.00736	6.39	0.00281	0.0122	0.000271	0.000685	0.000526	0.336	0.0000237	0.0012	0.000591	0.00155	0.00326
2086 Jul	0.000325	0.00104	0.0958	0.0000116	8.84	8.23	0.0973	0.00775	6.64	0.0029	0.0127	0.000276	0.00071	0.00055	0.348	0.000025	0.00124	0.000608	0.00162	0.00339
2086 Aug	0.00033	0.00107	0.0963	0.0000119	9.23	8.55	0.1	0.00816	6.82	0.003	0.0131	0.000275	0.000738	0.000576	0.361	0.0000263	0.00129	0.000615	0.00165	0.00358
2086 Sep	0.000325	0.00106	0.0942	0.0000118	9.19	8.49	0.0992	0.0081	6.73	0.00299	0.0129	0.000266	0.000736	0.000572	0.359	0.0000261	0.00129	0.000602	0.00163	0.00361
2086 Oct	0.000323	0.00106	0.0938	0.0000118	9.16	8.46	0.0987	0.00806	6.7	0.00298	0.0129	0.000264	0.000733	0.00057	0.358	0.0000259	0.00129	0.000598	0.00162	0.00361
2086 Nov	0.000324	0.00106	0.094	0.0000118	9.19	8.49	0.0989	0.00807	6.71	0.00299	0.0129	0.000264	0.000735	0.000571	0.359	0.000026	0.0013	0.000599	0.00163	0.00362
2086 Dec	0.000324	0.00106	0.094	0.0000118	9.19	8.49	0.0989	0.00808	6.72	0.00299	0.0129	0.000265	0.000736	0.000571	0.359	0.000026	0.0013	0.0006	0.00163	0.00363
2087 Jan	0.000324	0.00106	0.094	0.0000118	9.19	8.49	0.0989	0.00808	6.72	0.00299	0.0129	0.000265	0.000736	0.000571	0.359	0.000026	0.0013	0.0006	0.00163	0.00363
2087 Feb	0.000324	0.00106	0.094	0.0000119	9.2	8.49	0.099	0.00808	6.72	0.00299	0.0129	0.000265	0.000736	0.000572	0.359	0.000026	0.0013	0.0006	0.00163	0.00363
2087 Mar	0.000324	0.00106	0.0941	0.0000119	9.21	8.5	0.0991	0.00809	6.73	0.003	0.0129	0.000265	0.000737	0.000572	0.36	0.000026	0.0013	0.0006	0.00163	0.00363
2087 Apr	0.000325	0.00106	0.0944	0.0000119	9.23	8.52	0.0993	0.00811	6.74	0.003	0.013	0.000265	0.000739	0.000574	0.361	0.0000261	0.0013	0.000602	0.00163	0.00364
2087 May	0.000328	0.00107	0.0956	0.0000119	9.2	8.52	0.0997	0.00807	6.76	0.003	0.013	0.000272	0.000737	0.000572	0.36	0.000026	0.0013	0.000609	0.00164	0.00363
2087 Jun	0.000326	0.00104	0.096	0.0000115	8.74	8.16	0.0968	0.00761	6.55	0.00288	0.0125	0.00028	0.000703	0.000543	0.345	0.0000245	0.00123	0.000608	0.0016	0.00346
2087 Jul	0.000336	0.00107	0.0987	0.0000119	9.05	8.44	0.1	0.00793	6.78	0.00297	0.013	0.000287	0.000726	0.000564	0.356	0.0000256	0.00127	0.000625	0.00165	0.00358
2087 Aug	0.000348	0.00111	0.101	0.0000123	9.59	8.89	0.105	0.0085	7.11	0.00311	0.0136	0.000294	0.000764	0.000599	0.375	0.0000275	0.00134	0.000644	0.00171	0.0038

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2087 Sep	0.000352	0.00112	0.102	0.0000125	9.82	9.08	0.107	0.00873	7.22	0.00316	0.0138	0.000295	0.00078	0.000614	0.383	0.0000282	0.00137	0.000649	0.00173	0.00391
2087 Oct	0.000348	0.00112	0.101	0.0000124	9.72	9	0.106	0.00863	7.16	0.00314	0.0137	0.000291	0.000773	0.000607	0.379	0.0000278	0.00136	0.000642	0.00171	0.00389
2087 Nov	0.000347	0.00111	0.1	0.0000124	9.68	8.96	0.106	0.00859	7.13	0.00313	0.0136	0.000289	0.00077	0.000605	0.378	0.0000277	0.00135	0.000639	0.00171	0.00387
2087 Dec	0.000347	0.00111	0.1	0.0000124	9.68	8.96	0.106	0.00859	7.13	0.00313	0.0136	0.000289	0.00077	0.000605	0.378	0.0000277	0.00135	0.000639	0.00171	0.00388
2088 Jan	0.000347	0.00111	0.1	0.0000124	9.69	8.96	0.106	0.00859	7.13	0.00313	0.0136	0.000289	0.00077	0.000605	0.378	0.0000277	0.00135	0.000639	0.00171	0.00388
2088 Feb	0.000347	0.00111	0.101	0.0000124	9.69	8.97	0.106	0.00859	7.13	0.00313	0.0136	0.000289	0.00077	0.000605	0.378	0.0000277	0.00135	0.000639	0.00171	0.00388
2088 Mar	0.000347	0.00112	0.101	0.0000124	9.7	8.98	0.106	0.00861	7.14	0.00313	0.0137	0.00029	0.000771	0.000606	0.378	0.0000278	0.00135	0.00064	0.00171	0.00388
2088 Apr	0.000351	0.00113	0.102	0.0000125	9.79	9.06	0.107	0.00868	7.2	0.00316	0.0138	0.000292	0.000778	0.000611	0.382	0.000028	0.00137	0.000646	0.00172	0.00392
2088 May	0.000358	0.00115	0.104	0.0000128	9.98	9.24	0.109	0.00885	7.35	0.00322	0.0141	0.000298	0.000793	0.000623	0.389	0.0000286	0.00139	0.000659	0.00176	0.00399
2088 Jun	0.000342	0.0011	0.1	0.0000124	9.49	8.79	0.104	0.0084	7.03	0.00308	0.0136	0.000286	0.000759	0.000592	0.37	0.0000272	0.00132	0.000639	0.00172	0.0038
2088 Jul	0.000352	0.00114	0.104	0.0000128	9.83	9.09	0.107	0.00876	7.28	0.00318	0.0141	0.000292	0.000786	0.000615	0.383	0.0000283	0.00136	0.000659	0.0018	0.00394
2088 Aug	0.00037	0.0012	0.108	0.0000136	10.5	9.71	0.114	0.0095	7.75	0.00337	0.015	0.000303	0.000838	0.000662	0.408	0.0000308	0.00145	0.000691	0.0019	0.00423
2088 Sep	0.000373	0.00121	0.109	0.0000137	10.7	9.84	0.116	0.00964	7.83	0.00342	0.0152	0.000303	0.00085	0.000672	0.413	0.0000312	0.00148	0.000696	0.00192	0.0043
2088 Oct	0.000357	0.00117	0.104	0.0000132	10.3	9.45	0.111	0.00925	7.53	0.00329	0.0147	0.000288	0.000815	0.000645	0.397	0.00003	0.00142	0.000665	0.00184	0.00415
2088 Nov	0.000354	0.00116	0.104	0.0000132	10.2	9.38	0.11	0.00918	7.48	0.00326	0.0146	0.000285	0.000809	0.00064	0.394	0.0000297	0.00141	0.00066	0.00183	0.00412
2088 Dec	0.000355	0.00116	0.104	0.0000132	10.2	9.39	0.11	0.00918	7.48	0.00326	0.0146	0.000285	0.000809	0.00064	0.394	0.0000297	0.00141	0.00066	0.00183	0.00412
2089 Jan	0.000355	0.00116	0.104	0.0000132	10.2	9.39	0.11	0.00919	7.48	0.00327	0.0146	0.000285	0.000809	0.00064	0.394	0.0000297	0.00141	0.00066	0.00183	0.00412
2089 Feb	0.000355	0.00117	0.104	0.0000132	10.2	9.39	0.11	0.00919	7.48	0.00327	0.0146	0.000285	0.00081	0.00064	0.394	0.0000297	0.00141	0.00066	0.00183	0.00412
2089 Mar	0.000355	0.00117	0.104	0.0000132	10.2	9.4	0.11	0.0092	7.49	0.00327	0.0146	0.000286	0.000811	0.000641	0.395	0.0000298	0.00141	0.000661	0.00184	0.00413
2089 Apr	0.000357	0.00117	0.104	0.0000133	10.3	9.46	0.111	0.00926	7.54	0.00329	0.0147	0.000287	0.000815	0.000645	0.397	0.00003	0.00142	0.000665	0.00185	0.00415
2089 May	0.000362	0.00118	0.106	0.0000133	10.2	9.46	0.111	0.00921	7.58	0.00329	0.0147	0.000296	0.000813	0.000643	0.397	0.0000298	0.00141	0.000676	0.00186	0.00414
2089 Jun	0.000363	0.00116	0.108	0.0000129	9.85	9.15	0.109	0.00883	7.44	0.00318	0.0144	0.000308	0.000782	0.000618	0.384	0.0000286	0.00135	0.000679	0.00182	0.00396
2089 Jul	0.000374	0.00119	0.11	0.0000133	10.3	9.5	0.113	0.00928	7.73	0.00328	0.015	0.000315	0.00081	0.000646	0.397	0.0000302	0.00139	0.000698	0.00188	0.00411
2089 Aug	0.000384	0.00123	0.113	0.0000138	10.7	9.87	0.118	0.00974	8	0.00339	0.0155	0.000321	0.000841	0.000675	0.412	0.0000317	0.00145	0.000714	0.00193	0.00431
2089 Sep	0.000383	0.00123	0.112	0.0000138	10.7	9.9	0.118	0.00978	7.99	0.0034	0.0155	0.000317	0.000843	0.000677	0.413	0.0000318	0.00146	0.000709	0.00193	0.00435
2089 Oct	0.000363	0.00117	0.106	0.0000131	10.2	9.43	0.111	0.00931	7.6	0.00325	0.0148	0.000297	0.000803	0.000644	0.394	0.0000302	0.00139	0.000669	0.00183	0.00419
2089 Nov	0.000361	0.00117	0.106	0.0000131	10.2	9.4	0.111	0.00928	7.57	0.00324	0.0147	0.000295	0.0008	0.000642	0.393	0.0000301	0.00139	0.000666	0.00182	0.00418
2089 Dec	0.000361	0.00117	0.106	0.0000131	10.2	9.41	0.111	0.00928	7.58	0.00324	0.0147	0.000295	0.000801	0.000643	0.393	0.0000301	0.00139	0.000667	0.00182	0.00418
2090 Jan	0.000361	0.00117	0.106	0.0000131	10.2	9.41	0.111	0.00929	7.58	0.00324	0.0148	0.000295	0.000801	0.000643	0.393	0.0000301	0.00139	0.000667	0.00182	0.00419
2090 Feb	0.000361	0.00117	0.106	0.0000131	10.2	9.41	0.111	0.00929	7.58	0.00324	0.0148	0.000296	0.000801	0.000643	0.394	0.0000301	0.00139	0.000667	0.00182	0.00419
2090 Mar	0.000362	0.00117	0.106	0.0000131	10.2	9.42	0.111	0.0093	7.59	0.00324	0.0148	0.000296	0.000802	0.000644	0.394	0.0000302	0.00139	0.000668	0.00183	0.00419
2090 Apr	0.000363	0.00118	0.106	0.0000132	10.2	9.45	0.112	0.00933	7.62	0.00325	0.0148	0.000297	0.000805	0.000646	0.395	0.0000303	0.0014	0.00067	0.00183	0.00421
2090 May	0.000367	0.00119	0.108	0.0000133	10.3	9.55	0.113	0.00941	7.69	0.00329	0.015	0.000301	0.000813	0.000652	0.399	0.0000305	0.00141	0.000678	0.00185	0.00425
2090 Jun	0.000348	0.00111	0.103	0.0000123	9.34	8.7	0.104	0.00839	7.08	0.00302	0.0137	0.000297	0.000739	0.000587	0.364	0.0000272	0.00127	0.000648	0.00172	0.00388
2090 Jul	0.000356	0.00113	0.106	0.0000126	9.65	8.97	0.107	0.00873	7.3	0.0031	0.0142	0.000302	0.000762	0.000608	0.375	0.0000284	0.00131	0.000664	0.00178	0.00401
2090 Aug	0.000345	0.00111	0.102	0.0000124	9.55	8.83	0.105	0.00867	7.14	0.00305	0.0139	0.000288	0.000752	0.000602	0.369	0.0000281	0.0013	0.000639	0.00173	0.00403
2090 Sep	0.00033	0.00107	0.0974	0.000012	9.24	8.54	0.101	0.00837	6.87	0.00295	0.0134	0.000272	0.000727	0.000581	0.357	0.0000271	0.00126	0.000609	0.00167	0.00395
2090 Oct	0.000313	0.00103	0.0926	0.0000115	8.78	8.12	0.0953	0.00794	6.55	0.00281	0.0129	0.000253	0.00069	0.000552	0.34	0.0000257	0.0012	0.000574	0.00159	0.00378
2090 Nov	0.000308	0.00102	0.0913	0.0000114	8.66	8.01	0.0939	0.00784	6.46	0.00278	0.0127	0.000248	0.000679	0.000544	0.335	0.0000254	0.00119	0.000565	0.00156	0.00373
2090 Dec	0.000308	0.00102	0.0913	0.0000114	8.67	8.01	0.0939	0.00784	6.46	0.00278	0.0127	0.000248	0.00068	0.000544	0.336	0.0000254	0.00119	0.000565	0.00156	0.00373
2091 Jan	0.000308	0.00102	0.0913	0.0000114	8.67	8.01	0.0939	0.00784	6.46	0.00278	0.0127	0.000248	0.00068	0.000544	0.336	0.0000254	0.00119	0.000565	0.00156	0.00373
2091 Feb	0.000308	0.00102	0.0913	0.0000114	8.67	8.01	0.0939	0.00784	6.47	0.00278	0.0127	0.000248	0.00068	0.000544	0.336	0.0000254	0.00119	0.000565	0.00156	0.00373
2091 Mar	0.000308	0.00102	0.0915	0.0000114	8.68	8.03	0.0941	0.00786	6.48	0.00278	0.0127	0.000249	0.000681	0.000545	0.336	0.0000255	0.00119	0.000566	0.00157	0.00374
2091 Apr	0.00031	0.00102	0.0921	0.0000115	8.74	8.08	0.0947	0.00791	6.52	0.0028	0.0128	0.00025	0.000686	0.000549	0.338	0.0000256	0.0012	0.000569	0.00158	0.00377
2091 May	0.000317	0.00104	0.0943	0.0000117	8.83	8.18	0.0963	0.00798	6.62	0.00284	0.013	0.000258	0.000693	0.000555	0.342	0.0000259	0.00121	0.000582	0.0016	0.0038
2091 Jun	0.000315	0.001	0.095	0.0000111	8.25	7.73	0.0929	0.00745	6.4	0.00268	0.0125	0.00027	0.000648	0.00052	0.323	0.0000242	0.00112	0.000582	0.00155	0.00353
2091 Jul	0.000331	0.00105	0.0994	0.0000117	8.79	8.2	0.0987	0.00803	6.8	0.00282	0.0133	0.000282	0.000686	0.000556	0.341	0.0000261	0.00118	0.000612	0.00163	0.00374
2091 Aug	0.00033	0.00105	0.0981	0.0000117	8.93	8.29	0.0994	0.00822	6.84	0.00283	0.0133	0.000276	0.000693	0.000566	0.345	0.0000268	0.00119	0.000604	0.00163	0.00383
2091 Sep	0.000324	0.00104	0.0964	0.0000116	8.87	8.23	0.0982	0.00817	6.77	0.00281	0.0132	0.000269	0.000687	0.000562	0.342	0.0000266	0.00119	0.000592	0.00161	0.00384
2091 Oct	0.000315	0.00102	0.0937	0.0000114	8.64	8.01	0.0954	0.00795	6.59	0.00274	0.0129	0.000259	0.000669	0.000547	0.334	0.0000259	0.00116	0.000574	0.00157	0.00376
2091 Nov	0.000308	0.001	0.0918	0.0000112	8.45	7.84	0.0931	0.00776	6.45	0.00269	0.0126	0.000252	0.000654	0.000534	0.326	0.0000252	0.00113	0.000559	0.00153	0.00368
2091 Dec	0.000308	0.001	0.0918	0.0000112	8.45	7.84	0.093	0.00776	6.45	0.00269	0.0126	0.000252	0.000654	0.000534	0.326	0.0000252	0.00113	0.000559	0.00153	0.00369
2092 Jan	0.000308	0.001	0.0918	0.0000112	8.45	7.84	0.093	0.00776	6.45	0.00269	0.0126	0.000252	0.000654	0.000534	0.326	0.0000252	0.00113	0.000559	0.00153	0.00369
2092 Feb	0.000308	0.001	0.0918	0.0000112	8.45	7.84	0.0931	0.00776	6.45	0.00269	0.0126	0.000252	0.000654	0.000534	0.326	0.0000252	0.00113	0.00056	0.00153	0.00369
2092 Mar	0.000308	0.001	0.092	0.0000112	8.47	7.86	0.0933	0.00778	6.47	0.00269	0.0127	0.000253	0.000656	0.000536	0.327	0.0000253	0.00114	0.000561	0.00154	0.00369
2092 Apr	0.00031	0.00101	0.0925	0.0000113	8.52	7.9	0.0938	0.00782	6.5	0.00271	0.0127	0.000254	0.000659	0.000539	0.329	0.0000254	0.00114	0.000564	0.00154	0.00372
2092 May	0.000316	0.00102	0.0945	0.0000114	8.57	7.97	0.095	0.00785	6.58	0.00273	0.0129	0.000262	0.000664	0.000542	0.332	0.0000255	0.00115	0.000575	0.00156	0.00374
2092 Jun	0.000299	0.000937	0.0908	0.0000103	7.56	7.13	0.087	0.00687	6	0.00245	0.0117	0.000264	0.00059	0.000478	0.296	0.0000224	0.00101	0.000552	0.00144	0.00332
2092 Jul	0.0003	0.000941	0.0909	0.0000104	7.68	7.22	0.088	0.00704	6.07	0.00247	0.0118	0.000262	0.000598	0.000487	0.299	0.000023	0.00102	0.000555	0.00146	0.00338
2092 Aug	0.000312	0.000979	0.0937	0.0000109	8.11	7.59	0.0922	0.00746	6.34	0.00259	0.0124	0.000269	0.00063	0.000515	0.315	0.0000244	0.00107	0.000575	0.00152	0.00359
2092 Sep	0.000311	0.000981	0.0933	0.0000109	8.15	7.61	0.0922	0.00748	6.34	0.0026	0.0124	0.000267	0.000633	0.000517	0.316	0.0000244	0.00108	0.000573	0.00152	0.00364
2092 Oct	0.000307	0.000973	0.0921	0.0000108	8.1	7.57	0.0914	0.00744	6.28	0.00259	0.0123	0.000262	0.00063	0.000514	0.314	0.0000242	0.00108	0.000565	0.00151	0.00364
2092 Nov	0.000307	0.000973	0.092	0.0000108	8.1	7.56	0.0912	0.00743	6.27	0.00259	0.0123	0.000262	0.000629	0.000513	0.314	0.0000242	0.00108	0.000564	0.0015	0.00365
2092 Dec	0.000307	0.000974	0.092	0.0000108	8.1	7.56	0.0913	0.00743	6.28	0.00259	0.0123	0.000262	0.00063	0.000513	0.314	0.0000242	0.00108	0.000565	0.00151	0.00365
2093 Jan	0.000307	0.000974	0.092	0.0000108	8.1	7.57	0.0913	0.00743	6.28	0.00259	0.0123	0.000262	0.00063	0.000513	0.314	0.0000242	0.00108	0.000565	0.00151	0.00365
2093 Feb	0.000307	0.000974	0.092	0.0000108	8.11	7.57	0.0913	0.00743	6.28	0.00259	0.0123	0.000262	0.00063	0.000514	0.314	0.0000242	0.00108	0.000565	0.00151	0.00365
2093 Mar	0.000308	0.000977	0.0923	0.0000109	8.13	7.59	0.0916	0.00746	6.3	0.0026	0.0123	0.000263	0.000632	0.000515	0.315	0.0000243	0.00108	0.000566	0.00151	0.00366
2093 Apr	0.00031	0.000982	0.0928	0.0000109	8.18	7.64	0.0921	0.0075	6.33	0.00261	0.0124	0.000264	0.000636	0.000518	0.317	0.0000244	0.00109	0.00057	0.00152	0.00369
2093 May	0.000316	0.000997	0.0948	0.0000111	8.27	7.73	0.0936	0.00758	6.43	0.00265	0.0125	0.000272	0.000643	0.000524	0.321	0.0000247	0.0011	0.000582	0.00154	0.00373
2093 Jun	0.000311	0.000957	0.0939	0.0000105	7.79	7.35	0.0905	0.00714	6.19	0.00251	0.012	0.000278	0.000607	0.000495	0.304	0.0000233	0.00103	0.000577	0.00149	0.0035
2093 Jul	0.000323	0.000994	0.0972	0.000011	8.23	7.73	0.0952	0.00765	6.52	0.00261	0.0126	0.000286	0.000637	0.000526	0.319	0.000025	0.00107	0.000599	0.00155	0.00368

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2093 Aug	0.000334	0.00103	0.0996	0.0000114	8.64	8.07	0.0993	0.00809	6.79	0.00271	0.0132	0.000293	0.000665	0.000553	0.333	0.0000265	0.00112	0.000616	0.00161	0.00386
2093 Sep	0.000333	0.00103	0.0989	0.0000114	8.69	8.11	0.0995	0.00818	6.8	0.00272	0.0132	0.000289	0.000668	0.000557	0.334	0.0000268	0.00113	0.000612	0.0016	0.0039
2093 Oct	0.000316	0.000984	0.0939	0.0000109	8.33	7.76	0.0947	0.00785	6.51	0.0026	0.0127	0.000271	0.000638	0.000534	0.32	0.0000257	0.00108	0.000578	0.00153	0.00376
2093 Nov	0.000311	0.000974	0.0926	0.0000108	8.22	7.66	0.0932	0.00775	6.43	0.00257	0.0125	0.000265	0.000629	0.000527	0.315	0.0000253	0.00107	0.000568	0.00151	0.00372
2093 Dec	0.000311	0.000974	0.0927	0.0000108	8.23	7.66	0.0933	0.00775	6.43	0.00257	0.0126	0.000265	0.000629	0.000527	0.316	0.0000254	0.00107	0.000568	0.00151	0.00372
2094 Jan	0.000311	0.000974	0.0927	0.0000108	8.23	7.66	0.0933	0.00775	6.43	0.00257	0.0126	0.000265	0.000629	0.000527	0.316	0.0000254	0.00107	0.000568	0.00151	0.00373
2094 Feb	0.000311	0.000974	0.0927	0.0000108	8.23	7.66	0.0933	0.00775	6.43	0.00257	0.0126	0.000265	0.00063	0.000527	0.316	0.0000254	0.00107	0.000568	0.00151	0.00373
2094 Mar	0.000311	0.000976	0.0928	0.0000108	8.24	7.68	0.0935	0.00777	6.44	0.00257	0.0126	0.000265	0.000631	0.000528	0.316	0.0000254	0.00107	0.000569	0.00151	0.00373
2094 Apr	0.000313	0.00098	0.0932	0.0000109	8.28	7.71	0.0938	0.0078	6.47	0.00258	0.0126	0.000266	0.000633	0.00053	0.317	0.0000255	0.00107	0.000572	0.00152	0.00375
2094 May	0.000316	0.000981	0.0944	0.0000108	8.23	7.68	0.0941	0.00774	6.48	0.00258	0.0126	0.000273	0.000629	0.000527	0.316	0.0000253	0.00107	0.000578	0.00152	0.00373
2094 Jun	0.000322	0.000979	0.0966	0.0000107	8.1	7.61	0.0945	0.00763	6.49	0.00254	0.0126	0.000287	0.000619	0.00052	0.312	0.000025	0.00104	0.000591	0.00152	0.00365
2094 Jul	0.000343	0.00104	0.102	0.0000114	8.79	8.22	0.102	0.00841	7.01	0.00271	0.0136	0.000302	0.000666	0.000568	0.336	0.0000276	0.00111	0.000627	0.00162	0.00394
2094 Aug	0.000363	0.0011	0.107	0.0000121	9.4	8.77	0.109	0.00904	7.46	0.00288	0.0144	0.000318	0.00071	0.000608	0.358	0.0000297	0.00119	0.000662	0.00171	0.00421
2094 Sep	0.000361	0.0011	0.106	0.0000121	9.43	8.78	0.109	0.00911	7.46	0.00288	0.0144	0.000313	0.000711	0.000611	0.358	0.0000299	0.00119	0.000656	0.0017	0.00424
2094 Oct	0.000349	0.00107	0.103	0.0000117	9.23	8.58	0.106	0.00894	7.27	0.0028	0.0141	0.000299	0.000693	0.000598	0.35	0.0000294	0.00117	0.000632	0.00165	0.00418
2094 Nov	0.000337	0.00104	0.0994	0.0000114	8.97	8.33	0.102	0.00868	7.06	0.00272	0.0137	0.000287	0.000673	0.00058	0.34	0.0000285	0.00113	0.00061	0.0016	0.00408
2094 Dec	0.000337	0.00104	0.0992	0.0000114	8.95	8.31	0.102	0.00866	7.04	0.00272	0.0137	0.000286	0.000671	0.000579	0.339	0.0000284	0.00113	0.000608	0.0016	0.00407
2095 Jan	0.000337	0.00104	0.0992	0.0000114	8.95	8.31	0.102	0.00866	7.04	0.00272	0.0137	0.000286	0.000671	0.000579	0.339	0.0000284	0.00113	0.000608	0.0016	0.00407
2095 Feb	0.000337	0.00104	0.0992	0.0000114	8.95	8.31	0.102	0.00866	7.04	0.00272	0.0137	0.000286	0.000671	0.000579	0.339	0.0000284	0.00113	0.000608	0.0016	0.00407
2095 Mar	0.000337	0.00104	0.0993	0.0000114	8.96	8.32	0.102	0.00867	7.05	0.00272	0.0137	0.000286	0.000672	0.00058	0.34	0.0000285	0.00113	0.000609	0.0016	0.00408
2095 Apr	0.000339	0.00105	0.0998	0.0000115	9.01	8.37	0.103	0.00872	7.09	0.00274	0.0138	0.000288	0.000676	0.000583	0.342	0.0000286	0.00114	0.000612	0.00161	0.0041
2095 May	0.000343	0.00105	0.101	0.0000115	8.98	8.36	0.103	0.00869	7.12	0.00273	0.0138	0.000295	0.000673	0.000582	0.341	0.0000286	0.00113	0.00062	0.00161	0.00407
2095 Jun	0.000352	0.00106	0.104	0.0000116	9.01	8.42	0.105	0.00874	7.24	0.00275	0.014	0.00031	0.000675	0.000585	0.343	0.0000287	0.00113	0.000639	0.00163	0.00407
2095 Jul	0.000374	0.00113	0.11	0.0000122	9.72	9.05	0.113	0.00957	7.78	0.00291	0.015	0.000325	0.000722	0.000634	0.367	0.0000315	0.0012	0.000674	0.00173	0.00436
2095 Aug	0.00037	0.00112	0.108	0.0000122	9.76	9.06	0.113	0.00967	7.77	0.0029	0.015	0.000318	0.000721	0.000639	0.367	0.0000319	0.0012	0.000663	0.00172	0.00438
2095 Sep	0.000367	0.00111	0.107	0.0000122	9.8	9.07	0.113	0.00973	7.77	0.0029	0.015	0.000314	0.000722	0.000641	0.367	0.0000321	0.00121	0.000656	0.00171	0.00442
2095 Oct	0.000365	0.00111	0.106	0.0000121	9.81	9.07	0.112	0.00977	7.76	0.00289	0.015	0.00031	0.000721	0.000643	0.367	0.0000322	0.00121	0.000651	0.0017	0.00443
2095 Nov	0.000359	0.00109	0.104	0.000012	9.68	8.94	0.111	0.00965	7.65	0.00285	0.0148	0.000303	0.00071	0.000634	0.362	0.0000318	0.00119	0.000638	0.00168	0.00438
2095 Dec	0.000358	0.00109	0.104	0.000012	9.67	8.93	0.11	0.00964	7.64	0.00285	0.0148	0.000302	0.000709	0.000633	0.361	0.0000317	0.00119	0.000637	0.00167	0.00437
2096 Jan	0.000358	0.00109	0.104	0.000012	9.67	8.93	0.11	0.00964	7.64	0.00285	0.0148	0.000302	0.00071	0.000633	0.361	0.0000317	0.00119	0.000637	0.00167	0.00437
2096 Feb	0.000358	0.00109	0.104	0.000012	9.67	8.94	0.111	0.00964	7.65	0.00285	0.0148	0.000302	0.00071	0.000634	0.361	0.0000318	0.00119	0.000637	0.00168	0.00438
2096 Mar	0.000359	0.0011	0.104	0.000012	9.69	8.95	0.111	0.00965	7.66	0.00285	0.0148	0.000302	0.000711	0.000634	0.362	0.0000318	0.00119	0.000638	0.00168	0.00438
2096 Apr	0.00036	0.0011	0.105	0.000012	9.73	8.99	0.111	0.0097	7.69	0.00286	0.0149	0.000304	0.000714	0.000637	0.363	0.000032	0.0012	0.000641	0.00169	0.0044
2096 May	0.000365	0.00111	0.106	0.0000121	9.77	9.04	0.112	0.00972	7.74	0.00288	0.015	0.00031	0.000718	0.00064	0.366	0.000032	0.0012	0.000649	0.0017	0.00443
2096 Jun	0.000337	0.00101	0.0993	0.0000111	8.76	8.15	0.102	0.00872	7.06	0.0026	0.0137	0.000293	0.000647	0.000575	0.329	0.0000288	0.00107	0.000608	0.00158	0.00397
2096 Jul	0.000345	0.00104	0.101	0.0000114	9.11	8.43	0.106	0.00918	7.33	0.00267	0.0142	0.000297	0.000669	0.0006	0.339	0.0000304	0.0011	0.000623	0.00164	0.00409
2096 Aug	0.000361	0.00109	0.106	0.000012	9.63	8.9	0.111	0.00976	7.73	0.0028	0.015	0.000309	0.000705	0.000636	0.357	0.0000323	0.00116	0.000652	0.00172	0.00432
2096 Sep	0.000355	0.00107	0.104	0.0000118	9.59	8.83	0.11	0.00976	7.66	0.00277	0.0149	0.0003	0.000699	0.000634	0.354	0.0000323	0.00115	0.000638	0.0017	0.00431
2096 Oct	0.000338	0.00103	0.0991	0.0000114	9.23	8.49	0.106	0.00942	7.38	0.00267	0.0144	0.000282	0.000672	0.000611	0.341	0.0000312	0.00111	0.000607	0.00163	0.00417
2096 Nov	0.000336	0.00103	0.0987	0.0000114	9.19	8.45	0.105	0.00937	7.34	0.00265	0.0144	0.00028	0.000668	0.000608	0.339	0.000031	0.0011	0.000604	0.00163	0.00416
2096 Dec	0.000336	0.00103	0.0987	0.0000114	9.19	8.46	0.105	0.00938	7.35	0.00265	0.0144	0.00028	0.000668	0.000608	0.339	0.000031	0.0011	0.000604	0.00163	0.00416
2097 Jan	0.000336	0.00103	0.0987	0.0000114	9.19	8.46	0.105	0.00938	7.35	0.00265	0.0144	0.00028	0.000668	0.000608	0.339	0.000031	0.0011	0.000604	0.00163	0.00416
2097 Feb	0.000336	0.00103	0.0987	0.0000114	9.19	8.46	0.105	0.00938	7.35	0.00265	0.0144	0.00028	0.000668	0.000608	0.339	0.000031	0.0011	0.000604	0.00163	0.00416
2097 Mar	0.000337	0.00103	0.0988	0.0000114	9.2	8.46	0.105	0.00939	7.35	0.00266	0.0144	0.00028	0.000669	0.000608	0.339	0.0000311	0.0011	0.000604	0.00163	0.00416
2097 Apr	0.000339	0.00104	0.0994	0.0000115	9.26	8.52	0.106	0.00945	7.4	0.00267	0.0145	0.000282	0.000673	0.000612	0.342	0.0000313	0.00111	0.000608	0.00164	0.00419
2097 May	0.000346	0.00106	0.102	0.0000117	9.37	8.63	0.107	0.00956	7.52	0.00271	0.0147	0.00029	0.000682	0.00062	0.346	0.0000316	0.00112	0.000621	0.00166	0.00424
2097 Jun	0.000346	0.00104	0.102	0.0000114	9.08	8.41	0.106	0.00925	7.41	0.00264	0.0144	0.000298	0.000661	0.000601	0.336	0.0000307	0.00108	0.000625	0.00164	0.00408
2097 Jul	0.000364	0.0011	0.108	0.000012	9.68	8.94	0.113	0.00996	7.88	0.00278	0.0153	0.000312	0.0007	0.000643	0.356	0.0000331	0.00114	0.000658	0.00174	0.00432
2097 Aug	0.000375	0.00113	0.11	0.0000124	10.1	9.29	0.117	0.0105	8.19	0.00287	0.0159	0.000318	0.000726	0.000673	0.37	0.0000348	0.00118	0.000674	0.0018	0.00449
2097 Sep	0.000379	0.00114	0.111	0.0000126	10.3	9.44	0.119	0.0107	8.32	0.00291	0.0162	0.00032	0.000738	0.000686	0.375	0.0000355	0.0012	0.00068	0.00182	0.00457
2097 Oct	0.000375	0.00113	0.11	0.0000125	10.2	9.37	0.118	0.0107	8.26	0.00288	0.0161	0.000314	0.000732	0.000682	0.372	0.0000354	0.00119	0.000671	0.0018	0.00454
2097 Nov	0.000372	0.00112	0.109	0.0000124	10.1	9.32	0.117	0.0106	8.22	0.00286	0.016	0.000311	0.000727	0.000678	0.37	0.0000352	0.00118	0.000666	0.00179	0.00452
2097 Dec	0.000372	0.00112	0.109	0.0000124	10.1	9.31	0.117	0.0106	8.21	0.00286	0.016	0.000311	0.000727	0.000678	0.37	0.0000352	0.00118	0.000666	0.00179	0.00452
2098 Jan	0.000372	0.00112	0.109	0.0000124	10.1	9.32	0.117	0.0106	8.21	0.00286	0.016	0.000311	0.000727	0.000678	0.37	0.0000352	0.00118	0.000666	0.00179	0.00452
2098 Feb	0.000372	0.00112	0.109	0.0000124	10.1	9.32	0.117	0.0106	8.22	0.00286	0.016	0.000311	0.000727	0.000678	0.37	0.0000352	0.00118	0.000666	0.00179	0.00452
2098 Mar	0.000372	0.00113	0.109	0.0000124	10.2	9.32	0.117	0.0106	8.22	0.00286	0.016	0.000311	0.000727	0.000678	0.37	0.0000352	0.00118	0.000666	0.00179	0.00452
2098 Apr	0.000374	0.00113	0.109	0.0000124	10.2	9.36	0.117	0.0106	8.25	0.00287	0.0161	0.000313	0.00073	0.000681	0.372	0.0000353	0.00118	0.000669	0.0018	0.00454
2098 May	0.00038	0.00113	0.112	0.0000124	10.1	9.29	0.118	0.0105	8.26	0.00285	0.016	0.000324	0.000721	0.000673	0.369	0.0000349	0.00116	0.000681	0.00179	0.00447
2098 Jun	0.000358	0.00103	0.106	0.0000112	8.94	8.34	0.108	0.00932	7.56	0.00255	0.0145	0.000321	0.000641	0.000599	0.33	0.0000311	0.00102	0.000648	0.00165	0.00391
2098 Jul	0.000377	0.00109	0.112	0.0000118	9.52	8.85	0.115	0.01	8.04	0.00269	0.0155	0.000337	0.000679	0.000641	0.349	0.0000335	0.00107	0.000683	0.00174	0.00414
2098 Aug	0.000381	0.0011	0.113	0.0000119	9.68	8.99	0.116	0.0102	8.17	0.00272	0.0157	0.000338	0.000688	0.000653	0.354	0.0000342	0.00109	0.000687	0.00176	0.00422
2098 Sep	0.000364	0.00106	0.108	0.0000115	9.31	8.64	0.111	0.00985	7.85	0.00262	0.0151	0.000319	0.000661	0.000627	0.34	0.0000329	0.00105	0.000653	0.00169	0.00409
2098 Oct	0.000345	0.00102	0.103	0.000011	8.9	8.25	0.106	0.0094	7.49	0.0025	0.0145	0.0003	0.00063	0.000599	0.325	0.0000314	0.001	0.000618	0.00161	0.00395
2098 Nov	0.00034	0.001	0.101	0.0000109	8.79	8.15	0.104	0.00928	7.4	0.00247	0.0143	0.000294	0.000622	0.000591	0.321	0.000031	0.000992	0.000608	0.00159	0.00391
2098 Dec	0.00034	0.001	0.101	0.0000109	8.8	8.15	0.104	0.00929	7.4	0.00248	0.0143	0.000294	0.000623	0.000592	0.321	0.000031	0.000993	0.000609	0.00159	0.00392
2099 Jan	0.00034	0.001	0.101	0.0000109	8.8	8.15	0.104	0.00929	7.4	0.00248	0.0143	0.000294	0.000623	0.000592	0.321	0.000031	0.000993	0.000609	0.00159	0.00392
2099 Feb	0.00034	0.001	0.101	0.0000109	8.8	8.15	0.104	0.00929	7.41	0.00248	0.0143	0.000294	0.000623	0.000592	0.321	0.000031	0.000993	0.000609	0.00159	0.00392
2099 Mar	0.000341	0.00101	0.101	0.000011	8.82	8.17	0.105	0.00931	7.42	0.00248	0.0144	0.000294	0.000624	0.000593	0.322	0.0000311	0.000995	0.00061	0.0016	0.00393
2099 Apr	0.000344	0.00102	0.102	0.000011	8.89	8.24	0.106	0.00939	7.49	0.0025	0.0145	0.000297	0.000629	0.000598	0.325	0.0000313	0.001	0.000616	0.00161	0.00396
2099 May	0.000353	0.00101	0.106	0.0000107	8.48	7.97	0.104	0.00887	7.36	0.00243	0.0141	0.000312	0.000601	0.000569	0.314	0.0000296	0.000951	0.000632	0.00157	0.00376
2099 Jun	0.000349	0.000983	0.105	0.0000104	8.18	7.73	0.102	0.00856	7.2	0.00235	0.0137	0.000314	0.000581	0.000549	0.304	0.0000286	0.000911	0.000628	0.00154	0.00362

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2099 Jul	0.000367	0.00103	0.11	0.000011	8.71	8.2	0.108	0.00917	7.63	0.00248	0.0145	0.000328	0.000616	0.000586	0.322	0.0000307	0.000965	0.00066	0.00162	0.00385
2099 Aug	0.000383	0.00108	0.114	0.0000115	9.14	8.6	0.113	0.00964	7.98	0.0026	0.0152	0.00034	0.000645	0.000616	0.338	0.0000323	0.00101	0.000686	0.00169	0.00407
2099 Sep	0.000373	0.00106	0.111	0.0000113	9	8.44	0.111	0.00949	7.83	0.00255	0.0149	0.000329	0.000634	0.000606	0.332	0.0000317	0.000998	0.000666	0.00165	0.00403
2099 Oct	0.000362	0.00103	0.108	0.000011	8.79	8.24	0.108	0.00927	7.62	0.00249	0.0145	0.000316	0.000618	0.000591	0.324	0.000031	0.000977	0.000644	0.00161	0.00397
2099 Nov	0.000354	0.00101	0.106	0.0000108	8.65	8.11	0.106	0.00915	7.5	0.00245	0.0143	0.000307	0.000607	0.000582	0.319	0.0000306	0.000962	0.000629	0.00157	0.00392
2099 Dec	0.000354	0.00101	0.106	0.0000108	8.67	8.11	0.106	0.00916	7.5	0.00245	0.0143	0.000307	0.000608	0.000583	0.319	0.0000306	0.000963	0.000629	0.00158	0.00393
2100 Jan	0.000354	0.00101	0.106	0.0000108	8.67	8.11	0.106	0.00916	7.5	0.00245	0.0143	0.000307	0.000608	0.000583	0.319	0.0000306	0.000963	0.000629	0.00158	0.00393
2100 Feb	0.000354	0.00101	0.106	0.0000108	8.67	8.12	0.106	0.00917	7.5	0.00245	0.0143	0.000307	0.000608	0.000583	0.319	0.0000306	0.000964	0.000629	0.00158	0.00393
2100 Mar	0.000355	0.00101	0.106	0.0000108	8.67	8.12	0.106	0.00917	7.51	0.00245	0.0143	0.000307	0.000609	0.000584	0.319	0.0000306	0.000964	0.000629	0.00158	0.00393
2100 Apr	0.000357	0.00102	0.106	0.0000109	8.73	8.18	0.107	0.00924	7.56	0.00247	0.0144	0.000309	0.000613	0.000588	0.321	0.0000309	0.000971	0.000634	0.00159	0.00396
2100 May	0.000363	0.00103	0.109	0.0000109	8.68	8.16	0.107	0.00915	7.59	0.00247	0.0144	0.000321	0.00061	0.000584	0.321	0.0000306	0.000963	0.000647	0.00159	0.00394
2100 Jun	0.000345	0.000959	0.104	0.0000101	7.89	7.49	0.1	0.00829	7.06	0.00227	0.0134	0.000316	0.000557	0.000532	0.294	0.0000278	0.000867	0.000621	0.00149	0.00356
2100 Jul	0.00035	0.000972	0.105	0.0000103	8.09	7.66	0.102	0.00856	7.21	0.00231	0.0137	0.000318	0.00057	0.000547	0.3	0.0000287	0.000884	0.000629	0.00153	0.00365
2100 Aug	0.000345	0.000965	0.104	0.0000103	8.09	7.63	0.102	0.00858	7.17	0.0023	0.0136	0.000311	0.000569	0.000547	0.299	0.0000288	0.000885	0.000619	0.00152	0.00369
2100 Sep	0.000341	0.000961	0.102	0.0000103	8.09	7.62	0.101	0.00859	7.14	0.00229	0.0136	0.000306	0.000568	0.000547	0.298	0.0000288	0.000886	0.000611	0.00151	0.00371
2100 Oct	0.00034	0.00096	0.102	0.0000103	8.12	7.63	0.101	0.00863	7.14	0.00229	0.0136	0.000303	0.00057	0.000549	0.299	0.0000289	0.000889	0.000608	0.00151	0.00374
2100 Nov	0.000341	0.000961	0.102	0.0000103	8.14	7.65	0.101	0.00865	7.15	0.0023	0.0136	0.000303	0.00057	0.00055	0.299	0.000029	0.000891	0.000608	0.00151	0.00375
2100 Dec	0.000341	0.000962	0.102	0.0000103	8.15	7.65	0.101	0.00865	7.16	0.0023	0.0136	0.000303	0.000571	0.00055	0.3	0.000029	0.000892	0.000609	0.00151	0.00375
2101 Jan	0.000341	0.000962	0.102	0.0000103	8.15	7.65	0.101	0.00865	7.16	0.0023	0.0136	0.000303	0.000571	0.00055	0.3	0.000029	0.000892	0.000609	0.00151	0.00375
2101 Feb	0.000341	0.000962	0.102	0.0000103	8.15	7.66	0.101	0.00866	7.16	0.0023	0.0136	0.000303	0.000571	0.000551	0.3	0.000029	0.000892	0.000609	0.00151	0.00375
2101 Mar	0.000341	0.000962	0.102	0.0000103	8.15	7.66	0.101	0.00866	7.16	0.0023	0.0136	0.000303	0.000571	0.000551	0.3	0.000029	0.000893	0.000609	0.00151	0.00376
2101 Apr	0.000342	0.000966	0.103	0.0000103	8.18	7.69	0.102	0.0087	7.19	0.00231	0.0137	0.000305	0.000574	0.000553	0.301	0.0000291	0.000896	0.000611	0.00152	0.00377
2101 May	0.000349	0.000973	0.105	0.0000104	8.14	7.69	0.102	0.00863	7.23	0.00231	0.0137	0.000316	0.000572	0.00055	0.301	0.0000289	0.000889	0.000624	0.00153	0.00375
2101 Jun	0.000341	0.00094	0.103	0.00000997	7.73	7.34	0.0988	0.00817	6.97	0.00221	0.0132	0.000317	0.000544	0.000523	0.287	0.0000274	0.000838	0.000615	0.00148	0.00355
2101 Jul	0.000359	0.000989	0.108	0.0000105	8.26	7.81	0.105	0.0088	7.41	0.00234	0.014	0.000332	0.000579	0.00056	0.305	0.0000296	0.000889	0.000647	0.00157	0.00378
2101 Aug	0.000375	0.00103	0.113	0.000011	8.74	8.24	0.111	0.00936	7.79	0.00245	0.0148	0.000345	0.000611	0.000594	0.321	0.0000315	0.000938	0.000675	0.00164	0.004
2101 Sep	0.000368	0.00102	0.11	0.0000109	8.66	8.15	0.109	0.0093	7.7	0.00242	0.0146	0.000335	0.000603	0.000589	0.317	0.0000312	0.000928	0.000659	0.00162	0.00398
2101 Oct	0.000365	0.00101	0.109	0.0000108	8.63	8.11	0.108	0.0093	7.67	0.00241	0.0146	0.00033	0.0006	0.000588	0.316	0.0000312	0.000925	0.000652	0.00161	0.00398
2101 Nov	0.000356	0.000995	0.107	0.0000106	8.47	7.95	0.106	0.00912	7.52	0.00236	0.0143	0.000321	0.000588	0.000576	0.31	0.0000306	0.000908	0.000636	0.00158	0.00391
2101 Dec	0.000356	0.000994	0.107	0.0000106	8.46	7.95	0.106	0.00911	7.51	0.00236	0.0143	0.000321	0.000588	0.000576	0.309	0.0000306	0.000907	0.000636	0.00158	0.00391
2102 Jan	0.000356	0.000994	0.107	0.0000106	8.46	7.95	0.106	0.00911	7.51	0.00236	0.0143	0.000321	0.000588	0.000576	0.309	0.0000306	0.000907	0.000636	0.00158	0.00391
2102 Feb	0.000356	0.000995	0.107	0.0000106	8.46	7.95	0.106	0.00911	7.51	0.00236	0.0143	0.000321	0.000588	0.000576	0.309	0.0000306	0.000907	0.000636	0.00158	0.00391
2102 Mar	0.000356	0.000995	0.107	0.0000106	8.47	7.95	0.106	0.00912	7.52	0.00236	0.0143	0.000321	0.000588	0.000576	0.31	0.0000306	0.000908	0.000636	0.00158	0.00391
2102 Apr	0.000357	0.000998	0.107	0.0000107	8.49	7.98	0.106	0.00915	7.54	0.00237	0.0143	0.000322	0.00059	0.000578	0.311	0.0000307	0.000911	0.000638	0.00158	0.00392
2102 May	0.000363	0.00101	0.109	0.0000108	8.62	8.1	0.108	0.00929	7.65	0.0024	0.0146	0.000327	0.000599	0.000587	0.315	0.0000312	0.000924	0.000648	0.00161	0.00398
2102 Jun	0.000332	0.000944	0.101	0.0000103	7.98	7.48	0.0992	0.0086	7.09	0.00223	0.0137	0.000296	0.00056	0.000543	0.291	0.0000289	0.000853	0.000605	0.00155	0.00369
2102 Jul	0.000323	0.000931	0.0993	0.0000103	7.89	7.37	0.0975	0.00856	7.01	0.0022	0.0137	0.000286	0.000556	0.000539	0.286	0.0000289	0.000837	0.000597	0.00157	0.00364
2102 Aug	0.00033	0.000953	0.101	0.0000106	8.22	7.64	0.101	0.009	7.25	0.00226	0.0142	0.000287	0.000576	0.000563	0.296	0.0000304	0.000866	0.000607	0.00161	0.00378
2102 Sep	0.000329	0.000956	0.101	0.0000106	8.3	7.69	0.101	0.00911	7.3	0.00227	0.0143	0.000284	0.00058	0.000569	0.298	0.0000307	0.000873	0.000605	0.00162	0.00382
2102 Oct	0.000316	0.000926	0.0968	0.0000103	8.02	7.42	0.0972	0.00881	7.05	0.0022	0.0138	0.00027	0.000559	0.000549	0.287	0.0000297	0.000843	0.00058	0.00157	0.0037
2102 Nov	0.000316	0.000928	0.097	0.0000103	8.03	7.43	0.0974	0.00882	7.06	0.0022	0.0139	0.00027	0.00056	0.00055	0.288	0.0000298	0.000844	0.000581	0.00157	0.00371
2102 Dec	0.000316	0.000928	0.097	0.0000104	8.03	7.44	0.0974	0.00883	7.07	0.0022	0.0139	0.00027	0.00056	0.00055	0.288	0.0000298	0.000845	0.000581	0.00157	0.00371
2103 Jan	0.000316	0.000928	0.097	0.0000104	8.04	7.44	0.0974	0.00883	7.07	0.0022	0.0139	0.00027	0.00056	0.00055	0.288	0.0000298	0.000845	0.000581	0.00157	0.00371
2103 Feb	0.000317	0.000929	0.0971	0.0000104	8.04	7.44	0.0974	0.00883	7.07	0.0022	0.0139	0.000271	0.00056	0.000551	0.288	0.0000298	0.000845	0.000581	0.00157	0.00371
2103 Mar	0.000317	0.00093	0.0971	0.0000104	8.05	7.45	0.0975	0.00884	7.08	0.0022	0.0139	0.000271	0.000561	0.000551	0.288	0.0000298	0.000846	0.000582	0.00158	0.00372
2103 Apr	0.000318	0.000934	0.0975	0.0000104	8.08	7.48	0.098	0.00888	7.11	0.00221	0.014	0.000272	0.000563	0.000553	0.29	0.00003	0.00085	0.000584	0.00158	0.00373
2103 May	0.000324	0.000943	0.0997	0.0000105	8.06	7.49	0.0987	0.00883	7.15	0.00222	0.014	0.000282	0.000563	0.000552	0.29	0.0000298	0.000847	0.000596	0.00159	0.00373
2103 Jun	0.000311	0.000887	0.0967	0.00000981	7.36	6.91	0.0924	0.00801	6.68	0.00206	0.013	0.000281	0.000518	0.000504	0.267	0.0000271	0.000768	0.000578	0.00151	0.00341
2103 Jul	0.000314	0.0009	0.0975	0.00001	7.58	7.09	0.0945	0.00832	6.84	0.0021	0.0134	0.000282	0.000532	0.000521	0.274	0.0000282	0.000786	0.000584	0.00154	0.00352
2103 Aug	0.00031	0.000899	0.0961	0.00001	7.67	7.13	0.0944	0.00844	6.84	0.00211	0.0134	0.000274	0.000536	0.000527	0.275	0.0000286	0.000796	0.000573	0.00154	0.00361
2103 Sep	0.0003	0.000881	0.0932	0.00000985	7.52	6.98	0.0919	0.00827	6.68	0.00207	0.0131	0.000263	0.000525	0.000516	0.27	0.000028	0.000784	0.000553	0.0015	0.00358
2103 Oct	0.000285	0.000849	0.0891	0.0000095	7.17	6.65	0.0871	0.00786	6.38	0.00198	0.0126	0.000246	0.0005	0.000491	0.257	0.0000266	0.00075	0.000524	0.00143	0.00345
2103 Nov	0.000282	0.000843	0.0883	0.00000943	7.09	6.58	0.086	0.00778	6.32	0.00196	0.0125	0.000243	0.000494	0.000485	0.255	0.0000263	0.000743	0.000517	0.00142	0.00342
2103 Dec	0.000282	0.000844	0.0883	0.00000944	7.09	6.59	0.086	0.00778	6.32	0.00196	0.0125	0.000243	0.000494	0.000485	0.255	0.0000263	0.000743	0.000517	0.00142	0.00342
2104 Jan	0.000282	0.000844	0.0883	0.00000944	7.09	6.59	0.086	0.00778	6.32	0.00196	0.0125	0.000243	0.000494	0.000485	0.255	0.0000263	0.000743	0.000517	0.00142	0.00342
2104 Feb	0.000282	0.000844	0.0883	0.00000944	7.09	6.59	0.086	0.00778	6.32	0.00196	0.0125	0.000243	0.000494	0.000485	0.255	0.0000263	0.000744	0.000517	0.00142	0.00342
2104 Mar	0.000282	0.000844	0.0884	0.00000945	7.1	6.59	0.0861	0.00779	6.33	0.00196	0.0125	0.000243	0.000495	0.000486	0.255	0.0000263	0.000744	0.000518	0.00142	0.00342
2104 Apr	0.000284	0.00085	0.089	0.00000951	7.15	6.64	0.0867	0.00784	6.37	0.00198	0.0126	0.000244	0.000498	0.000489	0.257	0.0000265	0.000749	0.000521	0.00143	0.00345
2104 May	0.000293	0.000863	0.0922	0.00000958	7.11	6.65	0.0877	0.00775	6.43	0.00199	0.0127	0.000259	0.000497	0.000486	0.257	0.0000262	0.000743	0.000539	0.00145	0.00342
2104 Jun	0.000285	0.000822	0.0903	0.00000905	6.6	6.23	0.0835	0.00718	6.11	0.00187	0.012	0.000262	0.000462	0.000452	0.241	0.0000243	0.000682	0.000527	0.00138	0.00316
2104 Jul	0.000294	0.00085	0.0928	0.00000937	6.94	6.52	0.0873	0.00763	6.39	0.00193	0.0125	0.000268	0.000483	0.000477	0.251	0.0000258	0.000712	0.000543	0.00143	0.00331
2104 Aug	0.0003	0.000868	0.0938	0.00000958	7.21	6.75	0.09	0.00797	6.58	0.00199	0.0129	0.00027	0.0005	0.000497	0.26	0.000027	0.000738	0.00055	0.00146	0.00346
2104 Sep	0.000293	0.000856	0.0918	0.00000947	7.14	6.66	0.0885	0.0079	6.49	0.00196	0.0127	0.000261	0.000493	0.000492	0.256	0.0000268	0.000731	0.000536	0.00144	0.00345
2104 Oct	0.000285	0.000839	0.0894	0.00000928	6.97	6.51	0.086	0.00772	6.34	0.00192	0.0125	0.000251	0.00048	0.00048	0.25	0.0000261	0.000715	0.000519	0.0014	0.00338
2104 Nov	0.000283	0.000835	0.0889	0.00000924	6.93	6.47	0.0854	0.00767	6.31	0.00191	0.0124	0.000249	0.000477	0.000477	0.249	0.000026	0.000711	0.000515	0.00139	0.00337
2104 Dec	0.000283	0.000836	0.089	0.00000925	6.94	6.47	0.0855	0.00768	6.31	0.00191	0.0124	0.000249	0.000477	0.000477	0.249	0.000026	0.000711	0.000516	0.00139	0.00337
2105 Jan	0.000283	0.000836	0.089	0.00000925	6.93	6.47	0.0855	0.00768	6.31	0.00191	0.0124	0.000249	0.000477	0.000477	0.249	0.000026	0.000711	0.000516	0.00139	0.00337

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2105 Feb	0.000283	0.000836	0.089	0.00000925	6.94	6.47	0.0855	0.00768	6.31	0.00191	0.0124	0.000249	0.000477	0.000477	0.249	0.000026	0.000711	0.000516	0.00139	0.00337
2105 Mar	0.000283	0.000836	0.089	0.00000925	6.94	6.47	0.0855	0.00768	6.32	0.00191	0.0124	0.000249	0.000478	0.000477	0.249	0.000026	0.000711	0.000516	0.0014	0.00337
2105 Apr	0.000284	0.000839	0.0893	0.00000929	6.97	6.5	0.0858	0.00771	6.34	0.00191	0.0125	0.00025	0.000479	0.000479	0.25	0.0000261	0.000714	0.000518	0.0014	0.00338
2105 May	0.000291	0.000848	0.0916	0.00000933	6.95	6.51	0.0868	0.00767	6.39	0.00192	0.0125	0.000262	0.000479	0.000478	0.251	0.000026	0.00071	0.000531	0.00141	0.00337
2105 Jun	0.000296	0.00085	0.0934	0.00000929	6.89	6.5	0.0874	0.00761	6.42	0.00191	0.0125	0.000272	0.000475	0.000475	0.25	0.0000258	0.000698	0.000542	0.00141	0.00333
2105 Jul	0.000308	0.000882	0.096	0.00000964	7.32	6.86	0.0921	0.00817	6.75	0.002	0.0132	0.000279	0.000501	0.000506	0.263	0.0000277	0.000738	0.000559	0.00147	0.00354
2105 Aug	0.000298	0.000863	0.0924	0.00000948	7.3	6.8	0.0905	0.00815	6.63	0.00197	0.0129	0.000266	0.000497	0.000504	0.261	0.0000276	0.000739	0.000537	0.00143	0.00361
2105 Sep	0.000283	0.00083	0.0878	0.00000916	6.99	6.5	0.0858	0.00777	6.33	0.0019	0.0124	0.000249	0.000476	0.000482	0.25	0.0000263	0.000714	0.000505	0.00136	0.00352
2105 Oct	0.000272	0.00081	0.085	0.00000895	6.77	6.3	0.0827	0.00752	6.13	0.00185	0.012	0.000237	0.00046	0.000466	0.242	0.0000254	0.000695	0.000485	0.00132	0.00344
2105 Nov	0.000269	0.000802	0.084	0.00000887	6.69	6.22	0.0815	0.00742	6.06	0.00183	0.0119	0.000233	0.000454	0.00046	0.24	0.0000251	0.000687	0.000478	0.00131	0.00341
2105 Dec	0.000269	0.000802	0.084	0.00000887	6.69	6.22	0.0816	0.00742	6.06	0.00183	0.0119	0.000233	0.000454	0.00046	0.24	0.0000251	0.000687	0.000478	0.00131	0.00341
2106 Jan	0.000269	0.000802	0.084	0.00000887	6.69	6.22	0.0816	0.00742	6.06	0.00183	0.0119	0.000233	0.000454	0.00046	0.24	0.0000251	0.000687	0.000478	0.00131	0.00341
2106 Feb	0.000269	0.000803	0.084	0.00000887	6.69	6.22	0.0816	0.00742	6.07	0.00183	0.0119	0.000233	0.000454	0.00046	0.24	0.0000251	0.000687	0.000478	0.00131	0.00341
2106 Mar	0.000269	0.000803	0.084	0.00000887	6.69	6.23	0.0816	0.00743	6.07	0.00183	0.0119	0.000233	0.000455	0.00046	0.24	0.0000251	0.000688	0.000478	0.00131	0.00341
2106 Apr	0.00027	0.000807	0.0844	0.00000892	6.73	6.26	0.082	0.00747	6.1	0.00184	0.012	0.000234	0.000457	0.000463	0.241	0.0000252	0.000691	0.00048	0.00131	0.00343
2106 May	0.000276	0.000821	0.0864	0.00000906	6.81	6.35	0.0834	0.00755	6.2	0.00186	0.0121	0.000241	0.000463	0.000468	0.244	0.0000255	0.000699	0.000491	0.00133	0.00347
2106 Jun	0.000269	0.000788	0.0853	0.00000868	6.35	5.97	0.0796	0.007	5.91	0.00177	0.0116	0.000244	0.000435	0.000437	0.23	0.0000237	0.000646	0.000487	0.00129	0.00322
2106 Jul	0.000277	0.000814	0.0874	0.00000902	6.71	6.27	0.0833	0.00749	6.19	0.00183	0.0122	0.000247	0.000457	0.000464	0.24	0.0000254	0.000677	0.000501	0.00135	0.0034
2106 Aug	0.000274	0.000814	0.0858	0.00000907	6.88	6.38	0.084	0.00772	6.24	0.00185	0.0123	0.000239	0.000466	0.000476	0.244	0.0000261	0.000694	0.000492	0.00136	0.00353
2106 Sep	0.000264	0.000795	0.0827	0.00000891	6.73	6.23	0.0815	0.00754	6.07	0.00182	0.012	0.000226	0.000456	0.000465	0.239	0.0000255	0.000685	0.000471	0.00132	0.00352
2106 Oct	0.000261	0.00079	0.0817	0.00000885	6.65	6.15	0.0802	0.00743	6	0.0018	0.0119	0.000222	0.000451	0.000459	0.236	0.0000251	0.000679	0.000464	0.0013	0.0035
2106 Nov	0.000261	0.000792	0.082	0.00000888	6.67	6.17	0.0804	0.00745	6.01	0.00181	0.0119	0.000222	0.000452	0.00046	0.237	0.0000252	0.000681	0.000465	0.00131	0.00351
2106 Dec	0.000261	0.000792	0.082	0.00000888	6.67	6.17	0.0804	0.00745	6.02	0.00181	0.0119	0.000222	0.000452	0.00046	0.237	0.0000252	0.000681	0.000465	0.00131	0.00351
2107 Jan	0.000261	0.000792	0.082	0.00000888	6.67	6.17	0.0804	0.00745	6.02	0.00181	0.0119	0.000222	0.000452	0.00046	0.237	0.0000252	0.000681	0.000465	0.00131	0.00351
2107 Feb	0.000261	0.000792	0.082	0.00000888	6.67	6.17	0.0805	0.00746	6.02	0.00181	0.0119	0.000222	0.000452	0.00046	0.237	0.0000252	0.000681	0.000465	0.00131	0.00351
2107 Mar	0.000262	0.000793	0.0821	0.00000889	6.68	6.18	0.0805	0.00746	6.02	0.00181	0.0119	0.000223	0.000453	0.000461	0.238	0.0000252	0.000682	0.000465	0.00131	0.00352
2107 Apr	0.000262	0.000795	0.0823	0.00000891	6.7	6.2	0.0808	0.00748	6.04	0.00181	0.0119	0.000223	0.000454	0.000462	0.238	0.0000253	0.000684	0.000466	0.00131	0.00353
2107 May	0.000266	0.0008	0.0836	0.00000894	6.67	6.2	0.0811	0.00744	6.06	0.00182	0.0119	0.00023	0.000453	0.00046	0.238	0.0000252	0.000681	0.000474	0.00132	0.00351
2107 Jun	0.00027	0.000797	0.0856	0.00000883	6.48	6.07	0.0806	0.00717	6	0.00179	0.0118	0.000243	0.000442	0.000446	0.233	0.0000243	0.000657	0.000486	0.00131	0.0034
2107 Jul	0.000277	0.000816	0.0871	0.00000907	6.76	6.31	0.0836	0.00756	6.22	0.00184	0.0122	0.000246	0.000459	0.000468	0.242	0.0000256	0.000682	0.000496	0.00135	0.00355
2107 Aug	0.000286	0.000845	0.0893	0.0000094	7.16	6.64	0.0878	0.00806	6.51	0.00192	0.0128	0.000251	0.000483	0.000496	0.254	0.0000273	0.000719	0.00051	0.0014	0.00376
2107 Sep	0.000287	0.00085	0.0892	0.00000946	7.23	6.69	0.0882	0.00815	6.55	0.00193	0.0128	0.000249	0.000487	0.000501	0.256	0.0000276	0.000726	0.000509	0.0014	0.00382
2107 Oct	0.000282	0.000841	0.088	0.00000937	7.14	6.61	0.0869	0.00804	6.47	0.00191	0.0127	0.000244	0.00048	0.000494	0.253	0.0000272	0.000718	0.0005	0.00138	0.00379
2107 Nov	0.000281	0.000839	0.0877	0.00000934	7.1	6.58	0.0864	0.008	6.44	0.0019	0.0127	0.000243	0.000478	0.000492	0.252	0.0000271	0.000715	0.000497	0.00138	0.00377
2107 Dec	0.000281	0.000839	0.0877	0.00000934	7.1	6.58	0.0864	0.008	6.44	0.0019	0.0127	0.000243	0.000478	0.000492	0.252	0.0000271	0.000715	0.000498	0.00138	0.00377
2108 Jan	0.000281	0.000839	0.0877	0.00000935	7.11	6.58	0.0864	0.008	6.44	0.0019	0.0127	0.000243	0.000478	0.000492	0.252	0.0000271	0.000716	0.000498	0.00138	0.00378
2108 Feb	0.000281	0.000839	0.0877	0.00000935	7.11	6.58	0.0865	0.008	6.44	0.0019	0.0127	0.000243	0.000478	0.000492	0.252	0.0000271	0.000716	0.000498	0.00138	0.00378
2108 Mar	0.000281	0.00084	0.0878	0.00000936	7.12	6.59	0.0866	0.00802	6.45	0.00191	0.0127	0.000243	0.000479	0.000493	0.252	0.0000271	0.000717	0.000498	0.00138	0.00378
2108 Apr	0.000284	0.000848	0.0887	0.00000945	7.18	6.65	0.0874	0.00809	6.51	0.00192	0.0128	0.000245	0.000483	0.000498	0.255	0.0000274	0.000724	0.000503	0.00139	0.00382
2108 May	0.00029	0.000866	0.0906	0.00000964	7.33	6.79	0.0893	0.00826	6.65	0.00196	0.0131	0.000251	0.000493	0.000508	0.26	0.000028	0.000738	0.000514	0.00142	0.00389
2108 Jun	0.000285	0.000848	0.0898	0.00000949	7.1	6.59	0.0871	0.00799	6.5	0.00191	0.0128	0.000249	0.00048	0.000492	0.252	0.0000271	0.00071	0.000512	0.00142	0.00375
2108 Jul	0.000298	0.000888	0.0936	0.00000998	7.58	7	0.0924	0.00863	6.9	0.00201	0.0136	0.000257	0.00051	0.000528	0.267	0.0000293	0.000751	0.000536	0.0015	0.00397
2108 Aug	0.000313	0.000932	0.0973	0.0000105	8.14	7.48	0.0985	0.00936	7.34	0.00212	0.0145	0.000266	0.000544	0.000569	0.284	0.0000318	0.0008	0.00056	0.00158	0.00425
2108 Sep	0.000313	0.000935	0.0972	0.0000105	8.21	7.53	0.099	0.00945	7.39	0.00213	0.0146	0.000265	0.000548	0.000574	0.286	0.0000321	0.000806	0.000559	0.00159	0.00429
2108 Oct	0.000297	0.000896	0.0925	0.0000101	7.82	7.17	0.0938	0.00901	7.05	0.00203	0.014	0.000247	0.00052	0.000546	0.272	0.0000306	0.000767	0.000528	0.00151	0.0041
2108 Nov	0.000295	0.000893	0.092	0.0000101	7.78	7.13	0.0932	0.00896	7.02	0.00202	0.0139	0.000245	0.000517	0.000543	0.271	0.0000304	0.000763	0.000525	0.00151	0.00408
2108 Dec	0.000295	0.000893	0.0921	0.0000101	7.78	7.13	0.0933	0.00896	7.02	0.00202	0.0139	0.000245	0.000517	0.000543	0.271	0.0000304	0.000764	0.000525	0.00151	0.00408
2109 Jan	0.000295	0.000893	0.0921	0.0000101	7.78	7.13	0.0933	0.00897	7.02	0.00202	0.0139	0.000245	0.000517	0.000544	0.271	0.0000304	0.000764	0.000525	0.00151	0.00408
2109 Feb	0.000295	0.000893	0.0921	0.0000101	7.79	7.14	0.0933	0.00897	7.02	0.00202	0.0139	0.000245	0.000518	0.000544	0.271	0.0000304	0.000764	0.000525	0.00151	0.00408
2109 Mar	0.000295	0.000894	0.0922	0.0000101	7.8	7.15	0.0934	0.00898	7.03	0.00202	0.014	0.000246	0.000518	0.000545	0.271	0.0000305	0.000765	0.000526	0.00151	0.00409
2109 Apr	0.000297	0.0009	0.0928	0.0000101	7.85	7.19	0.094	0.00904	7.08	0.00204	0.014	0.000247	0.000522	0.000548	0.273	0.0000307	0.00077	0.000529	0.00152	0.00411
2109 May	0.000303	0.000908	0.0949	0.0000102	7.83	7.2	0.0949	0.009	7.13	0.00204	0.0141	0.000258	0.000521	0.000547	0.273	0.0000306	0.000765	0.000542	0.00153	0.00408
2109 Jun	0.000312	0.000915	0.0978	0.0000102	7.77	7.2	0.096	0.00895	7.19	0.00204	0.0141	0.000273	0.000517	0.000544	0.272	0.0000304	0.00075	0.00056	0.00154	0.00401
2109 Jul	0.00032	0.000937	0.0995	0.0000104	8.14	7.5	0.0999	0.00947	7.48	0.00209	0.0147	0.000277	0.000537	0.000572	0.283	0.0000322	0.000777	0.000571	0.00158	0.00417
2109 Aug	0.000328	0.000962	0.101	0.0000107	8.49	7.79	0.104	0.00993	7.74	0.00216	0.0152	0.000281	0.000558	0.000598	0.293	0.0000338	0.000809	0.000583	0.00163	0.00437
2109 Sep	0.00032	0.000944	0.0988	0.0000105	8.38	7.68	0.102	0.00982	7.61	0.00213	0.015	0.000272	0.00055	0.00059	0.289	0.0000334	0.000801	0.000567	0.00159	0.00436
2109 Oct	0.000303	0.000904	0.0939	0.0000101	7.96	7.29	0.0961	0.0093	7.23	0.00203	0.0143	0.000254	0.000521	0.00056	0.275	0.0000316	0.000764	0.000534	0.00151	0.00418
2109 Nov	0.000303	0.000905	0.0939	0.0000101	7.95	7.29	0.0959	0.00929	7.22	0.00203	0.0143	0.000253	0.000521	0.000559	0.275	0.0000315	0.000764	0.000533	0.00151	0.00418
2109 Dec	0.000303	0.000905	0.0939	0.0000101	7.96	7.29	0.096	0.00929	7.23	0.00203	0.0143	0.000253	0.000521	0.000559	0.275	0.0000315	0.000765	0.000534	0.00151	0.00419
2110 Jan	0.000303	0.000905	0.0939	0.0000101	7.96	7.29	0.096	0.00929	7.23	0.00203	0.0143	0.000253	0.000521	0.000559	0.275	0.0000316	0.000765	0.000534	0.00151	0.00419
2110 Feb	0.000303	0.000906	0.0939	0.0000101	7.96	7.29	0.096	0.0093	7.23	0.00203	0.0143	0.000253	0.000522	0.000559	0.275	0.0000316	0.000765	0.000534	0.00152	0.00419
2110 Mar	0.000303	0.000906	0.094	0.0000101	7.97	7.3	0.0961	0.00931	7.24	0.00203	0.0143	0.000254	0.000522	0.00056	0.275	0.0000316	0.000766	0.000534	0.00152	0.00419
2110 Apr	0.000304	0.00091	0.0944	0.0000102	8	7.33	0.0965	0.00934	7.27	0.00204	0.0144	0.000255	0.000524	0.000562	0.276	0.0000317	0.000769	0.000536	0.00152	0.00421
2110 May	0.000308	0.000919	0.0957	0.0000103	8.05	7.38	0.0974	0.00938	7.33	0.00206	0.0145	0.000259	0.000528	0.000565	0.279	0.0000319	0.000774	0.000544	0.00154	0.00424
2110 Jun	0.000299	0.000874	0.094	0.00000971	7.39	6.86	0.0918	0.00853	6.88	0.00193	0.0135	0.000264	0.00049	0.000518	0.259	0.000029	0.00071	0.000535	0.00146	0.00392
2110 Jul	0.000306	0.000894	0.0955	0.00000996	7.73	7.13	0.0953	0.00901	7.14	0.00199	0.014	0.000267	0.000509	0.000544	0.269	0.0000307	0.000735	0.000547	0.00151	0.00408
2110 Aug	0.000286	0.000849	0.0891	0.00000952	7.42	6.81	0.0902	0.00866	6.77	0.0019	0.0134	0.000244	0.000487	0.000522	0.257	0.0000294	0.000709	0.000505	0.00143	0.00401

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2110 Sep	0.000266	0.000804	0.0834	0.00000906	6.95	6.38	0.0837	0.00807	6.35	0.00179	0.0126	0.000223	0.000455	0.000487	0.241	0.0000274	0.000669	0.000466	0.00134	0.00382
2110 Oct	0.000249	0.000772	0.0792	0.0000087	6.53	6	0.0782	0.00757	6.01	0.0017	0.012	0.000205	0.000427	0.000457	0.227	0.0000257	0.000633	0.000435	0.00127	0.00363
2110 Nov	0.000246	0.000764	0.0783	0.00000861	6.44	5.92	0.0769	0.00745	5.93	0.00168	0.0118	0.000201	0.000421	0.00045	0.224	0.0000253	0.000624	0.000429	0.00125	0.00358
2110 Dec	0.000246	0.000764	0.0783	0.00000862	6.44	5.92	0.077	0.00745	5.93	0.00168	0.0118	0.000201	0.000421	0.00045	0.224	0.0000253	0.000625	0.000429	0.00125	0.00359
2111 Jan	0.000246	0.000764	0.0783	0.00000862	6.44	5.92	0.077	0.00745	5.93	0.00168	0.0118	0.000201	0.000421	0.00045	0.224	0.0000253	0.000625	0.000429	0.00125	0.00359
2111 Feb	0.000246	0.000764	0.0783	0.00000862	6.44	5.92	0.077	0.00745	5.93	0.00168	0.0118	0.000201	0.000421	0.00045	0.224	0.0000253	0.000625	0.000429	0.00125	0.00359
2111 Mar	0.000246	0.000766	0.0785	0.00000863	6.45	5.93	0.0771	0.00746	5.94	0.00168	0.0119	0.000202	0.000422	0.000451	0.225	0.0000253	0.000626	0.000429	0.00126	0.00359
2111 Apr	0.000248	0.000771	0.079	0.00000869	6.5	5.97	0.0777	0.00752	5.98	0.00169	0.0119	0.000203	0.000425	0.000454	0.226	0.0000255	0.00063	0.000432	0.00126	0.00362
2111 May	0.000254	0.000784	0.0812	0.00000881	6.55	6.04	0.079	0.00757	6.07	0.00171	0.0121	0.000212	0.000429	0.000458	0.229	0.0000257	0.000634	0.000444	0.00128	0.00364
2111 Jun	0.00026	0.000778	0.0838	0.00000862	6.23	5.83	0.0779	0.00714	5.96	0.00167	0.0118	0.00023	0.000411	0.000435	0.221	0.0000243	0.000597	0.00046	0.00127	0.00344
2111 Jul	0.000275	0.00082	0.0879	0.00000909	6.7	6.24	0.0833	0.00775	6.37	0.00176	0.0126	0.00024	0.000439	0.00047	0.236	0.0000264	0.000637	0.000485	0.00135	0.00368
2111 Aug	0.000268	0.000806	0.0853	0.00000897	6.72	6.22	0.0825	0.00781	6.31	0.00175	0.0125	0.000231	0.000438	0.000472	0.235	0.0000266	0.000639	0.000469	0.00132	0.00374
2111 Sep	0.000263	0.000799	0.0838	0.00000892	6.66	6.16	0.0813	0.00773	6.23	0.00173	0.0123	0.000224	0.000433	0.000467	0.233	0.0000263	0.000636	0.000459	0.00131	0.00375
2111 Oct	0.000253	0.000775	0.0809	0.00000867	6.41	5.93	0.078	0.00743	6.01	0.00168	0.0119	0.000213	0.000417	0.000449	0.224	0.0000252	0.000614	0.000439	0.00126	0.00363
2111 Nov	0.000246	0.000762	0.0792	0.00000853	6.25	5.78	0.0758	0.00723	5.88	0.00164	0.0117	0.000206	0.000406	0.000437	0.219	0.0000246	0.0006	0.000428	0.00123	0.00355
2111 Dec	0.000246	0.000762	0.0793	0.00000853	6.25	5.78	0.0758	0.00722	5.88	0.00164	0.0117	0.000206	0.000406	0.000437	0.219	0.0000245	0.0006	0.000428	0.00123	0.00355
2112 Jan	0.000246	0.000762	0.0793	0.00000853	6.25	5.78	0.0758	0.00722	5.88	0.00164	0.0117	0.000206	0.000406	0.000437	0.219	0.0000245	0.0006	0.000428	0.00123	0.00355
2112 Feb	0.000246	0.000762	0.0793	0.00000853	6.25	5.79	0.0758	0.00723	5.88	0.00164	0.0117	0.000206	0.000406	0.000437	0.219	0.0000246	0.0006	0.000428	0.00123	0.00356
2112 Mar	0.000247	0.000764	0.0794	0.00000855	6.26	5.8	0.076	0.00724	5.89	0.00164	0.0117	0.000207	0.000407	0.000438	0.219	0.0000246	0.000601	0.000429	0.00124	0.00356
2112 Apr	0.000249	0.000769	0.0799	0.00000861	6.3	5.83	0.0764	0.00729	5.93	0.00165	0.0118	0.000208	0.000409	0.000441	0.221	0.0000248	0.000605	0.000431	0.00124	0.00359
2112 May	0.000256	0.00078	0.0823	0.00000869	6.31	5.88	0.0776	0.00727	6	0.00167	0.0119	0.000219	0.000411	0.000441	0.222	0.0000247	0.000605	0.000445	0.00126	0.00359
2112 Jun	0.000248	0.00073	0.0806	0.00000805	5.65	5.35	0.0723	0.00643	5.54	0.00154	0.0109	0.000226	0.000373	0.000394	0.203	0.0000219	0.000538	0.000441	0.00118	0.00323
2112 Jul	0.000252	0.000743	0.0817	0.00000824	5.84	5.5	0.0743	0.00668	5.69	0.00158	0.0112	0.000228	0.000386	0.000409	0.208	0.0000228	0.000554	0.00045	0.00122	0.00335
2112 Aug	0.000259	0.000766	0.0835	0.00000852	6.14	5.76	0.0774	0.00706	5.91	0.00164	0.0116	0.000232	0.000405	0.00043	0.218	0.0000241	0.000582	0.000462	0.00126	0.00355
2112 Sep	0.000257	0.000763	0.0827	0.00000852	6.14	5.74	0.077	0.00705	5.89	0.00164	0.0116	0.000229	0.000404	0.000429	0.217	0.000024	0.000584	0.000457	0.00126	0.00358
2112 Oct	0.000253	0.000756	0.0816	0.00000846	6.09	5.69	0.0761	0.00699	5.83	0.00162	0.0115	0.000224	0.000401	0.000426	0.215	0.0000238	0.00058	0.00045	0.00124	0.00357
2112 Nov	0.000253	0.000756	0.0815	0.00000847	6.08	5.69	0.076	0.00698	5.82	0.00162	0.0115	0.000224	0.0004	0.000425	0.215	0.0000238	0.000581	0.000449	0.00124	0.00357
2112 Dec	0.000253	0.000757	0.0816	0.00000847	6.08	5.69	0.076	0.00698	5.82	0.00163	0.0115	0.000224	0.000401	0.000425	0.215	0.0000238	0.000581	0.00045	0.00124	0.00357
2113 Jan	0.000253	0.000757	0.0816	0.00000847	6.08	5.69	0.076	0.00698	5.82	0.00163	0.0115	0.000224	0.000401	0.000425	0.215	0.0000238	0.000581	0.00045	0.00124	0.00357
2113 Feb	0.000253	0.000757	0.0816	0.00000848	6.09	5.69	0.076	0.00698	5.82	0.00163	0.0115	0.000224	0.000401	0.000425	0.215	0.0000238	0.000581	0.00045	0.00124	0.00358
2113 Mar	0.000254	0.000759	0.0819	0.0000085	6.11	5.71	0.0763	0.00701	5.84	0.00163	0.0115	0.000225	0.000402	0.000427	0.216	0.0000239	0.000583	0.000451	0.00125	0.00359
2113 Apr	0.000256	0.000764	0.0823	0.00000856	6.14	5.74	0.0767	0.00705	5.88	0.00164	0.0116	0.000226	0.000405	0.000429	0.217	0.000024	0.000587	0.000454	0.00126	0.00361
2113 May	0.000262	0.000776	0.0845	0.00000866	6.2	5.82	0.0781	0.0071	5.97	0.00166	0.0117	0.000235	0.000409	0.000433	0.22	0.0000242	0.000591	0.000467	0.00127	0.00364
2113 Jun	0.000265	0.000764	0.0855	0.00000846	5.99	5.67	0.0774	0.00683	5.87	0.00162	0.0114	0.000247	0.000397	0.000419	0.214	0.0000233	0.000565	0.000476	0.00126	0.00349
2113 Jul	0.000275	0.000792	0.0881	0.00000878	6.36	5.98	0.0816	0.00734	6.18	0.00169	0.012	0.000253	0.000418	0.000447	0.225	0.000025	0.000594	0.000492	0.00131	0.00368
2113 Aug	0.000282	0.000811	0.0894	0.00000901	6.66	6.23	0.0847	0.00774	6.4	0.00174	0.0125	0.000256	0.000436	0.000469	0.234	0.0000264	0.00062	0.000501	0.00135	0.00387
2113 Sep	0.000276	0.0008	0.0875	0.00000891	6.6	6.16	0.0834	0.00768	6.31	0.00172	0.0123	0.000248	0.000431	0.000465	0.232	0.0000262	0.000616	0.000489	0.00132	0.00387
2113 Oct	0.000258	0.000761	0.0824	0.00000849	6.21	5.8	0.0779	0.00721	5.95	0.00163	0.0117	0.000229	0.000405	0.000437	0.218	0.0000246	0.000583	0.000456	0.00125	0.00368
2113 Nov	0.000255	0.000756	0.0817	0.00000844	6.13	5.73	0.0768	0.00711	5.89	0.00161	0.0116	0.000225	0.000399	0.000431	0.216	0.0000242	0.000576	0.00045	0.00124	0.00364
2113 Dec	0.000255	0.000756	0.0817	0.00000845	6.14	5.73	0.0769	0.00711	5.89	0.00161	0.0116	0.000225	0.0004	0.000431	0.216	0.0000242	0.000577	0.00045	0.00124	0.00365
2114 Jan	0.000255	0.000756	0.0817	0.00000845	6.14	5.73	0.0769	0.00711	5.89	0.00161	0.0116	0.000225	0.0004	0.000431	0.216	0.0000242	0.000577	0.00045	0.00124	0.00365
2114 Feb	0.000255	0.000756	0.0817	0.00000845	6.14	5.73	0.0769	0.00712	5.89	0.00161	0.0116	0.000225	0.0004	0.000431	0.216	0.0000242	0.000577	0.00045	0.00124	0.00365
2114 Mar	0.000256	0.000758	0.0819	0.00000846	6.15	5.74	0.077	0.00713	5.9	0.00162	0.0116	0.000226	0.000401	0.000432	0.216	0.0000243	0.000578	0.000451	0.00124	0.00366
2114 Apr	0.000257	0.000761	0.0822	0.0000085	6.17	5.77	0.0773	0.00716	5.93	0.00162	0.0117	0.000227	0.000402	0.000434	0.217	0.0000244	0.000581	0.000453	0.00125	0.00367
2114 May	0.000261	0.000765	0.0839	0.0000085	6.12	5.75	0.0777	0.00707	5.94	0.00162	0.0116	0.000236	0.0004	0.00043	0.217	0.0000241	0.000575	0.000462	0.00125	0.00364
2114 Jun	0.000272	0.000781	0.0873	0.00000862	6.15	5.82	0.0795	0.00707	6.04	0.00165	0.0118	0.000252	0.000403	0.000432	0.219	0.0000241	0.000574	0.000484	0.00127	0.00365
2114 Jul	0.000288	0.000827	0.0918	0.00000912	6.67	6.27	0.0856	0.00775	6.49	0.00175	0.0126	0.000264	0.000434	0.00047	0.236	0.0000264	0.000618	0.000511	0.00135	0.00395
2114 Aug	0.000303	0.000869	0.0959	0.0000096	7.12	6.67	0.0908	0.00831	6.87	0.00185	0.0134	0.000275	0.000462	0.000502	0.25	0.0000283	0.000659	0.000536	0.00142	0.00423
2114 Sep	0.000294	0.000851	0.0931	0.00000943	7	6.55	0.0887	0.00818	6.73	0.00182	0.0131	0.000265	0.000454	0.000494	0.246	0.0000279	0.00065	0.000518	0.00139	0.0042
2114 Oct	0.000283	0.000825	0.0895	0.00000917	6.79	6.34	0.0854	0.00792	6.51	0.00176	0.0127	0.000251	0.000439	0.000478	0.238	0.000027	0.000632	0.000496	0.00134	0.00411
2114 Nov	0.000273	0.000805	0.0868	0.00000896	6.57	6.14	0.0824	0.00766	6.31	0.00171	0.0124	0.00024	0.000424	0.000462	0.231	0.0000261	0.000614	0.000478	0.0013	0.00401
2114 Dec	0.000273	0.000804	0.0867	0.00000896	6.56	6.13	0.0823	0.00765	6.3	0.00171	0.0124	0.00024	0.000424	0.000462	0.23	0.000026	0.000614	0.000478	0.0013	0.00401
2115 Jan	0.000273	0.000804	0.0868	0.00000896	6.56	6.13	0.0823	0.00765	6.31	0.00171	0.0124	0.00024	0.000424	0.000462	0.23	0.000026	0.000614	0.000478	0.0013	0.00401
2115 Feb	0.000273	0.000805	0.0868	0.00000896	6.57	6.13	0.0823	0.00765	6.31	0.00171	0.0124	0.00024	0.000424	0.000462	0.231	0.000026	0.000614	0.000478	0.0013	0.00401
2115 Mar	0.000273	0.000805	0.0868	0.00000897	6.57	6.14	0.0824	0.00766	6.31	0.00171	0.0124	0.00024	0.000424	0.000462	0.231	0.0000261	0.000615	0.000478	0.0013	0.00401
2115 Apr	0.000275	0.00081	0.0873	0.00000902	6.61	6.17	0.0829	0.0077	6.35	0.00172	0.0124	0.000242	0.000427	0.000465	0.232	0.0000262	0.000618	0.000481	0.00131	0.00404
2115 May	0.000279	0.000814	0.089	0.00000902	6.57	6.17	0.0834	0.00764	6.37	0.00172	0.0124	0.000251	0.000425	0.000462	0.232	0.000026	0.000612	0.000491	0.00131	0.004
2115 Jun	0.000293	0.000842	0.0934	0.00000927	6.72	6.34	0.0865	0.0078	6.58	0.00177	0.0128	0.000268	0.000435	0.000473	0.238	0.0000266	0.000624	0.000517	0.00136	0.00408
2115 Jul	0.000306	0.000879	0.0968	0.00000968	7.18	6.73	0.0916	0.0084	6.96	0.00186	0.0135	0.000277	0.000462	0.000507	0.252	0.0000286	0.000661	0.000536	0.00142	0.00434
2115 Aug	0.000295	0.000856	0.0931	0.00000945	7.05	6.59	0.0891	0.00826	6.79	0.00182	0.0132	0.000263	0.000452	0.000498	0.247	0.0000281	0.000652	0.000514	0.00138	0.00432
2115 Sep	0.000292	0.000852	0.0921	0.00000944	7.03	6.55	0.0883	0.00823	6.74	0.00181	0.0131	0.000258	0.00045	0.000496	0.246	0.000028	0.000652	0.000505	0.00137	0.00435
2115 Oct	0.00029	0.000848	0.0913	0.00000942	7.01	6.54	0.0879	0.00822	6.72	0.00181	0.0131	0.000255	0.000449	0.000495	0.245	0.000028	0.000652	0.000501	0.00136	0.00436
2115 Nov	0.000285	0.000838	0.0899	0.00000932	6.92	6.45	0.0865	0.00811	6.63	0.00178	0.0129	0.000249	0.000443	0.000488	0.242	0.0000276	0.000644	0.000492	0.00134	0.00432
2115 Dec	0.000285	0.000838	0.0899	0.00000932	6.92	6.45	0.0865	0.00811	6.63	0.00178	0.0129	0.000249	0.000443	0.000488	0.242	0.0000276	0.000644	0.000491	0.00134	0.00432
2116 Jan	0.000285	0.000838	0.0899	0.00000932	6.92	6.45	0.0865	0.00811	6.63	0.00179	0.0129	0.000249	0.000443	0.000488	0.242	0.0000276	0.000644	0.000491	0.00134	0.00432
2116 Feb	0.000285	0.000839	0.09	0.00000933	6.93	6.45	0.0865	0.00811	6.63	0.00179	0.0129	0.000249	0.000443	0.000488	0.242	0.0000276	0.000644	0.000492	0.00134	0.00432
2116 Mar	0.000285	0.000839	0.09	0.00000934	6.93	6.46	0.0866	0.00812	6.64	0.00179	0.013	0.00025	0.000443	0.000489	0.242	0.0000276	0.000645	0.000492	0.00134	0.00433

Appendix C.2-2: SP6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2116 Apr	0.000287	0.000844	0.0905	0.00000939	6.97	6.49	0.0871	0.00817	6.67	0.0018	0.013	0.000251	0.000446	0.000492	0.244	0.0000278	0.000649	0.000495	0.00135	0.00435
2116 May	0.000292	0.000851	0.0923	0.00000945	6.96	6.51	0.0878	0.00812	6.71	0.00181	0.013	0.00026	0.000446	0.00049	0.244	0.0000276	0.000648	0.000505	0.00136	0.00436
2116 Jun	0.000282	0.000798	0.0897	0.0000088	6.31	5.98	0.0823	0.00731	6.24	0.00168	0.012	0.000263	0.000409	0.000445	0.225	0.0000249	0.000583	0.000495	0.00128	0.00394
2116 Jul	0.000295	0.000836	0.0936	0.00000924	6.72	6.34	0.0872	0.00785	6.61	0.00176	0.0128	0.000273	0.000434	0.000475	0.238	0.0000268	0.000615	0.00052	0.00136	0.00417
2116 Aug	0.000306	0.000868	0.0967	0.00000961	7.08	6.65	0.0912	0.0083	6.91	0.00183	0.0134	0.000282	0.000456	0.000501	0.249	0.0000283	0.000645	0.000538	0.00141	0.00438
2116 Sep	0.000292	0.000837	0.0924	0.0000093	6.85	6.42	0.0876	0.00804	6.66	0.00177	0.0129	0.000265	0.00044	0.000485	0.24	0.0000274	0.000626	0.000512	0.00136	0.00428
2116 Oct	0.000278	0.000809	0.0885	0.00000901	6.57	6.15	0.0834	0.0077	6.39	0.0017	0.0125	0.000249	0.000421	0.000464	0.23	0.0000262	0.000603	0.000486	0.00131	0.00415
2116 Nov	0.000278	0.000809	0.0884	0.00000901	6.55	6.14	0.0831	0.00767	6.38	0.0017	0.0124	0.000248	0.00042	0.000462	0.23	0.0000261	0.000602	0.000485	0.0013	0.00414
2116 Dec	0.000278	0.000809	0.0884	0.00000902	6.55	6.14	0.0831	0.00767	6.38	0.0017	0.0124	0.000248	0.00042	0.000462	0.23	0.0000261	0.000602	0.000485	0.0013	0.00414
2117 Jan	0.000278	0.000809	0.0884	0.00000902	6.55	6.14	0.0831	0.00767	6.38	0.0017	0.0124	0.000248	0.00042	0.000462	0.23	0.0000261	0.000602	0.000485	0.0013	0.00414
2117 Feb	0.000278	0.000809	0.0884	0.00000902	6.55	6.14	0.0831	0.00767	6.38	0.0017	0.0124	0.000248	0.00042	0.000462	0.23	0.0000261	0.000602	0.000485	0.0013	0.00414
2117 Mar	0.000278	0.00081	0.0885	0.00000903	6.56	6.14	0.0832	0.00768	6.39	0.0017	0.0125	0.000248	0.00042	0.000463	0.23	0.0000262	0.000603	0.000486	0.00131	0.00415
2117 Apr	0.00028	0.000816	0.0891	0.00000909	6.6	6.19	0.0838	0.00773	6.43	0.00172	0.0125	0.00025	0.000423	0.000466	0.232	0.0000264	0.000607	0.000489	0.00132	0.00418
2117 May	0.000286	0.000827	0.0912	0.00000919	6.64	6.24	0.085	0.00776	6.51	0.00173	0.0127	0.000259	0.000426	0.000469	0.234	0.0000265	0.000609	0.000501	0.00133	0.00419
2117 Jun	0.000294	0.000838	0.0942	0.00000925	6.6	6.25	0.086	0.00769	6.57	0.00174	0.0127	0.000273	0.000425	0.000466	0.234	0.0000262	0.000601	0.000519	0.00135	0.00414
2117 Jul	0.00031	0.000881	0.0987	0.00000973	7.06	6.66	0.0916	0.0083	6.99	0.00184	0.0135	0.000285	0.000452	0.0005	0.249	0.0000283	0.000637	0.000545	0.00143	0.00439
2117 Aug	0.000316	0.000899	0.1	0.00000993	7.34	6.88	0.0945	0.00869	7.21	0.00188	0.014	0.000288	0.000467	0.000521	0.256	0.0000297	0.000658	0.000553	0.00146	0.00455
2117 Sep	0.000317	0.000905	0.1	0.00001	7.42	6.95	0.0952	0.0088	7.27	0.00189	0.0141	0.000287	0.000471	0.000527	0.259	0.00003	0.000665	0.000554	0.00147	0.00461
2117 Oct	0.000312	0.000894	0.0988	0.00000989	7.31	6.85	0.0936	0.00867	7.17	0.00187	0.0139	0.000281	0.000464	0.000519	0.255	0.0000296	0.000656	0.000544	0.00145	0.00455
2117 Nov	0.00031	0.00089	0.0982	0.00000985	7.27	6.81	0.093	0.00862	7.13	0.00186	0.0138	0.000279	0.000461	0.000516	0.253	0.0000294	0.000652	0.00054	0.00144	0.00452
2117 Dec	0.00031	0.00089	0.0982	0.00000985	7.26	6.8	0.093	0.00862	7.13	0.00186	0.0138	0.000279	0.000461	0.000516	0.253	0.0000294	0.000652	0.00054	0.00144	0.00453
2118 Jan	0.00031	0.00089	0.0982	0.00000985	7.26	6.81	0.093	0.00862	7.13	0.00186	0.0138	0.000279	0.000461	0.000516	0.253	0.0000294	0.000652	0.00054	0.00144	0.00453
2118 Feb	0.00031	0.00089	0.0982	0.00000985	7.27	6.81	0.093	0.00862	7.13	0.00186	0.0138	0.000279	0.000461	0.000516	0.253	0.0000294	0.000652	0.00054	0.00144	0.00453
2118 Mar	0.00031	0.00089	0.0983	0.00000986	7.27	6.81	0.0931	0.00863	7.14	0.00186	0.0139	0.000279	0.000461	0.000517	0.254	0.0000295	0.000652	0.000541	0.00144	0.00453
2118 Apr	0.000312	0.000895	0.0989	0.0000099	7.3	6.84	0.0935	0.00866	7.17	0.00187	0.0139	0.000281	0.000463	0.000519	0.255	0.0000296	0.000655	0.000544	0.00145	0.00455
2118 May	0.000317	0.000891	0.101	0.00000976	7.11	6.72	0.0931	0.00839	7.11	0.00184	0.0137	0.000294	0.000452	0.000505	0.25	0.0000287	0.000633	0.000556	0.00143	0.0044
2118 Jun	0.00031	0.000849	0.0992	0.00000918	6.57	6.29	0.0889	0.00772	6.74	0.00173	0.0129	0.000299	0.00042	0.000467	0.234	0.0000265	0.000578	0.00055	0.00137	0.00401
2118 Jul	0.000329	0.000897	0.105	0.0000097	7.1	6.76	0.0955	0.00842	7.23	0.00183	0.0138	0.000315	0.000451	0.000506	0.251	0.0000288	0.000618	0.000583	0.00146	0.00429
2118 Aug	0.000325	0.000888	0.103	0.00000963	7.08	6.73	0.0947	0.00842	7.18	0.00182	0.0137	0.000309	0.000449	0.000506	0.249	0.0000288	0.000616	0.000573	0.00144	0.00432
2118 Sep	0.000302	0.000839	0.0961	0.00000913	6.65	6.31	0.0882	0.00789	6.73	0.00172	0.0129	0.000283	0.000421	0.000474	0.234	0.000027	0.000583	0.00053	0.00135	0.00413
2118 Oct	0.000288	0.000812	0.0922	0.00000886	6.4	6.07	0.0843	0.00757	6.47	0.00166	0.0125	0.000267	0.000404	0.000455	0.225	0.0000259	0.000564	0.000504	0.0013	0.00403
2118 Nov	0.000285	0.000806	0.0913	0.0000088	6.33	6.01	0.0833	0.00749	6.41	0.00164	0.0124	0.000263	0.0004	0.00045	0.223	0.0000256	0.000559	0.000498	0.00129	0.004
2118 Dec	0.000285	0.000806	0.0913	0.00000881	6.34	6.01	0.0833	0.0075	6.41	0.00164	0.0124	0.000263	0.0004	0.00045	0.223	0.0000256	0.00056	0.000498	0.00129	0.004
2119 Jan	0.000285	0.000806	0.0913	0.00000881	6.34	6.01	0.0833	0.0075	6.41	0.00165	0.0124	0.000263	0.0004	0.00045	0.223	0.0000256	0.00056	0.000498	0.00129	0.004
2119 Feb	0.000285	0.000807	0.0913	0.00000881	6.34	6.01	0.0834	0.0075	6.42	0.00165	0.0124	0.000263	0.000401	0.000451	0.224	0.0000257	0.00056	0.000498	0.00129	0.00401
2119 Mar	0.000286	0.000808	0.0915	0.00000883	6.35	6.02	0.0835	0.00752	6.43	0.00165	0.0124	0.000264	0.000401	0.000452	0.224	0.0000257	0.000561	0.000499	0.00129	0.00401
2119 Apr	0.000291	0.000818	0.093	0.0000089	6.4	6.08	0.0846	0.00757	6.5	0.00167	0.0125	0.000268	0.000404	0.000455	0.226	0.0000259	0.000565	0.000508	0.0013	0.00404
2119 May	0.000302	0.000816	0.0966	0.00000868	6.11	5.91	0.0844	0.00713	6.42	0.00163	0.0121	0.000282	0.000388	0.000432	0.22	0.0000244	0.000534	0.000529	0.00128	0.00382
2119 Jun	0.000301	0.000806	0.0965	0.00000855	5.98	5.81	0.0835	0.00697	6.34	0.00161	0.012	0.000284	0.000381	0.000423	0.216	0.0000239	0.00052	0.00053	0.00127	0.00373
2119 Jul	0.000317	0.000847	0.101	0.000009	6.43	6.21	0.0891	0.00756	6.74	0.0017	0.0127	0.000296	0.000407	0.000456	0.231	0.0000259	0.000555	0.000559	0.00134	0.004
2119 Aug	0.000321	0.000863	0.102	0.00000919	6.61	6.37	0.091	0.00779	6.89	0.00174	0.013	0.000298	0.000418	0.000469	0.236	0.0000267	0.000571	0.000565	0.00137	0.00415
2119 Sep	0.000309	0.000838	0.0986	0.00000897	6.43	6.19	0.0879	0.00758	6.69	0.00169	0.0127	0.000284	0.000406	0.000457	0.23	0.000026	0.000559	0.000542	0.00133	0.00409
2119 Oct	0.000298	0.000816	0.0951	0.00000874	6.26	6.01	0.0849	0.00738	6.49	0.00164	0.0123	0.00027	0.000395	0.000444	0.223	0.0000253	0.000546	0.000521	0.00129	0.00402
2119 Nov	0.000294	0.000806	0.0938	0.00000866	6.18	5.93	0.0837	0.00728	6.4	0.00162	0.0122	0.000265	0.000389	0.000438	0.22	0.0000249	0.000539	0.000512	0.00127	0.00398
2119 Dec	0.000294	0.000807	0.0938	0.00000866	6.18	5.93	0.0837	0.00728	6.41	0.00162	0.0122	0.000265	0.000389	0.000438	0.22	0.0000249	0.00054	0.000512	0.00127	0.00398

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	37	0.0234	0.00504	0.00094	6.97	0.024	2.51	0.00094	0.00094	0.0000047	0.00684	0.000889	0.00945	0.0121	0.0000047	10.6	0.0000123	0.000183
Operation (2024-2031): Mean	59.9	0.0719	0.0107	0.00108	13.8	0.0346	5.05	0.00108	0.00108	0.00000542	0.00808	0.00132	0.0112	0.0231	0.00000542	19.8	0.000019	0.000278
Operation (2024-2031): Max	78.6	0.11	0.0177	0.00121	18	0.0446	6.29	0.00121	0.00121	0.00000606	0.00872	0.00168	0.0122	0.0338	0.00000606	27.7	0.0000226	0.000386
Active Closure (2032-2038): Min	35.8	0.0246	0.00504	0.000882	6.85	0.0219	2.45	0.000882	0.000882	0.00000441	0.00652	0.000849	0.00885	0.0121	0.00000441	10.5	0.0000147	0.000182
Active Closure (2032-2038): Mean	51.2	0.0509	0.00966	0.000976	11.3	0.0282	4.08	0.000976	0.000976	0.00000488	0.00714	0.00114	0.00988	0.0196	0.00000488	16.7	0.0000179	0.000245
Active Closure (2032-2038): Max	64.1	0.112	0.0131	0.0011	14.4	0.0454	5.23	0.0011	0.0011	0.00000552	0.00856	0.00141	0.0118	0.0258	0.00000552	21.6	0.0000205	0.00031
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Post Closure (2039-2119): Min	45.4	0.0326	0.00843	0.00089	9.24	0.0239	3.28	0.00089	0.00089	0.00000445	0.0062	0.00105	0.00874	0.0163	0.00000445	14	0.0000152	0.000223
Post Closure (2039-2119): Mean	62.2	0.0567	0.0128	0.00106	14.1	0.0297	4.99	0.00106	0.00106	0.00000531	0.00749	0.00137	0.0105	0.0252	0.00000531	21.1	0.0000192	0.0003
Post Closure (2039-2119): Max	78.2	0.0766	0.0169	0.00126	18.3	0.0352	6.45	0.00126	0.00126	0.00000631	0.00883	0.00169	0.0122	0.0333	0.00000631	27.5	0.0000241	0.000375
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan	75.5	0.0641	0.0169	0.00112	17.3	0.0287	6.06	0.00112	0.00112	0.00000561	0.00778	0.00162	0.0106	0.0323	0.00000561	26.6	0.0000213	0.000369
2024 Feb	75.5	0.0641	0.0169	0.00112	17.3	0.0287	6.06	0.00112	0.00112	0.00000561	0.00778	0.00162	0.0106	0.0323	0.00000561	26.6	0.0000213	0.000369
2024 Mar	75.6	0.0641	0.0169	0.00112	17.3	0.0287	6.06	0.00112	0.00112	0.00000561	0.00779	0.00162	0.0106	0.0324	0.00000561	26.6	0.0000213	0.00037
2024 Apr	75.7	0.0642	0.0169	0.00112	17.4	0.0288	6.07	0.00112	0.00112	0.00000562	0.0078	0.00162	0.0106	0.0324	0.00000562	26.7	0.0000214	0.00037
2024 May	76.8	0.0651	0.0172	0.00114	17.6	0.029	6.16	0.00114	0.00114	0.00000568	0.00788	0.00164	0.0107	0.0329	0.00000568	27.1	0.0000216	0.000376
2024 Jun	74.4	0.0618	0.0169	0.00109	17.1	0.0271	5.95	0.00109	0.00109	0.00000543	0.00752	0.00159	0.0102	0.0321	0.00000543	26.3	0.000021	0.000366
2024 Jul	77	0.0637	0.0174	0.00113	17.6	0.0282	6.15	0.00113	0.00113	0.00000566	0.00784	0.00165	0.0106	0.0332	0.00000566	27.2	0.0000218	0.000379
2024 Aug	78.6	0.0651	0.0177	0.00116	18	0.0293	6.28	0.00116	0.00116	0.00000581	0.00803	0.00168	0.0109	0.0338	0.00000581	27.7	0.0000222	0.000386
2024 Sep	77.3	0.0652	0.0173	0.00115	17.7	0.0296	6.2	0.00115	0.00115	0.00000576	0.00795	0.00166	0.0109	0.0331	0.00000576	27.2	0.0000217	0.000378
2024 Oct	77	0.0659	0.0171	0.00115	17.7	0.0298	6.19	0.00115	0.00115	0.00000575	0.00797	0.00165	0.0109	0.0329	0.00000575	27.1	0.0000216	0.000376
2024 Nov	77	0.0663	0.0171	0.00115	17.7	0.0299	6.19	0.00115	0.00115	0.00000576	0.00799	0.00165	0.0109	0.0328	0.00000576	27.1	0.0000216	0.000376
2024 Dec	77	0.0663	0.0171	0.00115	17.7	0.03	6.19	0.00115	0.00115	0.00000576	0.00799	0.00165	0.011	0.0329	0.00000576	27.1	0.0000216	0.000376
2025 Jan	77	0.0663	0.0171	0.00115	17.7	0.03	6.19	0.00115	0.00115	0.00000576	0.00799	0.00165	0.011	0.0329	0.00000576	27.1	0.0000216	0.000376
2025 Feb	77	0.0663	0.0171	0.00115	17.7	0.03	6.2	0.00115	0.00115	0.00000576	0.00799	0.00165	0.011	0.0329	0.00000576	27.1	0.0000216	0.000376
2025 Mar	77	0.0663	0.0171	0.00115	17.7	0.03	6.2	0.00115	0.00115	0.00000576	0.00799	0.00165	0.011	0.0329	0.00000576	27.1	0.0000216	0.000376
2025 Apr	77.1	0.0664	0.0171	0.00115	17.7	0.03	6.2	0.00115	0.00115	0.00000576	0.008	0.00165	0.011	0.0329	0.00000576	27.1	0.0000216	0.000376
2025 May	78.2	0.0674	0.0174	0.00117	18	0.0304	6.29	0.00117	0.00117	0.00000585	0.00812	0.00168	0.0111	0.0334	0.00000585	27.5	0.000022	0.000382
2025 Jun	75.6	0.0639	0.0167	0.00116	17.2	0.0298	6.03	0.00116	0.00116	0.00000579	0.00806	0.00163	0.011	0.032	0.00000579	26.4	0.000022	0.00037
2025 Jul	70.7	0.0578	0.0155	0.00113	15.9	0.0288	5.58	0.00113	0.00113	0.00000564	0.00786	0.00154	0.0108	0.0296	0.00000564	24.5	0.0000214	0.000348
2025 Aug	73.1	0.0596	0.016	0.00117	16.5	0.0301	5.77	0.00117	0.00117	0.00000586	0.00814	0.00159	0.0112	0.0306	0.00000586	25.3	0.0000221	0.000358
2025 Sep	72.9	0.0601	0.0159	0.00117	16.5	0.0305	5.77	0.00117	0.00117	0.00000587	0.00815	0.00159	0.0112	0.0305	0.00000587	25.2	0.0000219	0.000357
2025 Oct	71.1	0.0604	0.0153	0.00115	16.1	0.0303	5.66	0.00115	0.00115	0.00000574	0.00801	0.00155	0.0111	0.0296	0.00000574	24.5	0.0000214	0.000347
2025 Nov	70.1	0.0604	0.0151	0.00113	15.9	0.0302	5.59	0.00113	0.00113	0.00000567	0.00794	0.00153	0.0109	0.0291	0.00000567	24.2	0.0000211	0.000341
2025 Dec	70.2	0.0604	0.0151	0.00114	15.9	0.0302	5.59	0.00114	0.00114	0.00000568	0.00794	0.00153	0.011	0.0292	0.00000568	24.2	0.0000211	0.000342
2026 Jan	70.2	0.0604	0.0151	0.00114	15.9	0.0302	5.59	0.00114	0.00114	0.00000568	0.00794	0.00153	0.011	0.0292	0.00000568	24.2	0.0000211	0.000342
2026 Feb	70.2	0.0604	0.0151	0.00114	15.9	0.0302	5.59	0.00114	0.00114	0.00000568	0.00794	0.00153	0.011	0.0292	0.00000568	24.2	0.0000211	0.000342
2026 Mar	70.2	0.0605	0.0151	0.00114	15.9	0.0302	5.6	0.00114	0.00114	0.00000568	0.00794	0.00153	0.011	0.0292	0.00000568	24.2	0.0000211	0.000342
2026 Apr	70.4	0.0607	0.0151	0.00114	15.9	0.0303	5.61	0.00114	0.00114	0.0000057	0.00797	0.00153	0.011	0.0293	0.0000057	24.3	0.0000212	0.000343
2026 May	71.2	0.0614	0.0153	0.00115	16.1	0.0306	5.68	0.00115	0.00115	0.00000576	0.00806	0.00155	0.0111	0.0296	0.00000576	24.6	0.0000214	0.000347
2026 Jun	66.8	0.0553	0.0143	0.00111	14.9	0.0288	5.24	0.00111	0.00111	0.00000556	0.00781	0.00146	0.0107	0.0275	0.00000556	22.8	0.0000211	0.000328
2026 Jul	68	0.0557	0.0146	0.00115	15.1	0.0296	5.32	0.00115	0.00115	0.00000573	0.00805	0.00149	0.0111	0.0279	0.00000573	23.2	0.0000218	0.000334
2026 Aug	69.2	0.0565	0.0148	0.00117	15.4	0.0307	5.42	0.00117	0.00117	0.00000587	0.0082	0.00152	0.0113	0.0283	0.00000587	23.5	0.0000219	0.000339
2026 Sep	70	0.0578	0.0149	0.00119	15.6	0.0314	5.5	0.00119	0.00119	0.00000596	0.00833	0.00154	0.0115	0.0286	0.00000596	23.8	0.0000221	0.000342
2026 Oct	68.2	0.0597	0.0142	0.00117	15.3	0.0317	5.41	0.00117	0.00117	0.00000584	0.00823	0.0015	0.0114	0.0277	0.00000584	23.1	0.0000215	0.000331
2026 Nov	68.6	0.06	0.0143	0.00117	15.4	0.0318	5.44	0.00117	0.00117	0.00000587	0.00827	0.00151	0.0115	0.0279	0.00000587	23.3	0.0000216	0.000333
2026 Dec	68.6	0.0601	0.0143	0.00117	15.4	0.0318	5.44	0.00117	0.00117	0.00000587	0.00828	0.00151	0.0115	0.0279	0.00000587	23.3	0.0000216	0.000333
2027 Jan	68.6	0.0601	0.0143	0.00117	15.4	0.0318	5.44	0.00117	0.00117	0.00000587	0.00828	0.00151	0.0115	0.0279	0.00000587	23.3	0.0000217	0.000333
2027 Feb	68.6	0.0601	0.0143	0.00117	15.4	0.0318	5.44	0.00117	0.00117	0.00000587	0.00828	0.00151	0.0115	0.0279	0.00000587	23.3	0.0000217	0.000333
2027 Mar	68.7	0.0601	0.0143	0.00117	15.4	0.0319	5.45	0.00117	0.00117	0.00000587	0.00829	0.00151	0.0115	0.0279	0.00000587	23.3	0.0000217	0.000333
2027 Apr	69.2	0.0606	0.0144	0.00118	15.5	0.0321	5.49	0.00118	0.00118	0.00000592	0.00835	0.00152	0.0116	0.0281	0.00000592	23.5	0.0000218	0.000336
2027 May	70.9	0.0621	0.0148	0.00121	15.9	0.0328	5.63	0.00121	0.00121	0.00000606	0.00854	0.00156	0.0118	0.0288	0.00000606	24.1	0.0000223	0.000344
2027 Jun	60.2	0.0475	0.0125	0.00111	13	0.0282	4.58	0.00111	0.00111	0.00000553	0.00789	0.00134	0.0108	0.0238	0.00000553	19.9	0.0000214	0.000299
2027 Jul	57.4	0.0425	0.0119	0.00111	12.1	0.0276	4.27	0.00111	0.00111	0.00000555	0.00793	0.00129	0.0109	0.0223	0.00000555	18.7	0.0000218	0.000287
2027 Aug	60.3	0.0447	0.0124	0.00117	12.8	0.0295	4.5	0.00117	0.00117	0.00000585	0.00832	0.00136	0.0115	0.0234	0.00000585	19.6	0.0000226	0.000301
2027 Sep	58.8	0.0596	0.0109	0.00115	13	0.0336	4.69	0.00115	0.00115	0.00000574	0.00841	0.00132	0.0117	0.0222	0.00000574	19	0.0000209	0.000281
2027 Oct	55	0.0905	0.00762	0.00107	13.1	0.0405	4.99	0.00107	0.00107	0.00000537	0.00855	0.00121	0.0118	0.0196	0.00000537	17.4	0.0000177	0.000238
2027 Nov	54.1	0.0955	0.00702	0.00106	13.1	0.0415	5.03	0.00106	0.00106	0.00000529	0.00854	0.00119	0.0118	0.019	0.00000529	17.1	0.0000171	0.000229
2027 Dec	54	0.0958	0.00698	0.00106	13.1	0.0415	5.03	0.00106	0.00106	0.00000528	0.00853	0.00119	0.0118	0.019	0.00000528	17	0.0000171	0.000229
2028 Jan	54	0.0958	0.00698	0.00106	13.1	0.0415	5.03	0.00106	0.00106	0.00000528	0.00853	0.00119	0.0118	0.019	0.00000528	17	0.0000171	0.000229
2028 Feb	54	0.0958	0.00698	0.00106	13.1	0.0416	5.03	0.00106	0.00106	0.00000528	0.00854	0.00119	0.0118	0.019	0.00000528	17.1	0.0000171	0.000229
2028 Mar	54.1	0.0958	0.00698	0.00106	13.1	0.0416	5.03	0.00106	0.00106	0.00000528	0.00854	0.00119	0.0118	0.019	0.00000528	17.1	0.0000171	0.000229
2028 Apr	54.3	0.0962	0.00701	0.00106	13.2	0.0417	5.05	0.00106	0.00106	0.00000531	0.00857	0.00119	0.0118	0.0191	0.00000531	17.1	0.0000171	0.00023
2028 May	55.2	0.0979	0.00714	0.00108	13.4	0.0425	5.14	0.00108	0.00108	0.0000054	0.00872	0.00121	0.012	0.0194	0.0000054	17.4	0.0000174	0.000234

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Jun	41.5	0.0397	0.00688	0.000999	8.27	0.0271	3.02	0.000999	0.000999	0.000005	0.00768	0.000961	0.0104	0.0137	0.000005	12.1	0.0000202	0.000206
2028 Jul	38.7	0.0234	0.00698	0.00101	7.06	0.024	2.51	0.00101	0.00101	0.00000507	0.00758	0.000926	0.0103	0.0126	0.00000507	11	0.0000213	0.000203
2028 Aug	43.9	0.0297	0.00756	0.00112	8.54	0.0301	3.04	0.00112	0.00112	0.0000056	0.00805	0.00105	0.0118	0.0144	0.0000056	12.7	0.0000206	0.000223
2028 Sep	47.5	0.0626	0.00661	0.00109	10.6	0.0373	3.96	0.00109	0.00109	0.00000543	0.00816	0.00109	0.0121	0.0157	0.00000543	14.3	0.0000176	0.000216
2028 Oct	49.7	0.103	0.00515	0.000996	12.4	0.0431	4.88	0.000996	0.000996	0.00000498	0.00831	0.00109	0.0115	0.0167	0.00000498	15.4	0.0000151	0.000199
2028 Nov	50.1	0.105	0.00514	0.001	12.6	0.0436	4.94	0.001	0.001	0.000005	0.00837	0.0011	0.0116	0.0168	0.000005	15.5	0.0000152	0.0002
2028 Dec	50.1	0.105	0.00515	0.001	12.6	0.0436	4.95	0.001	0.001	0.000005	0.00838	0.0011	0.0116	0.0169	0.000005	15.5	0.0000152	0.0002
2029 Jan	50.1	0.105	0.00515	0.001	12.6	0.0436	4.95	0.001	0.001	0.000005	0.00838	0.0011	0.0116	0.0169	0.000005	15.5	0.0000152	0.0002
2029 Feb	50.1	0.105	0.00515	0.001	12.6	0.0436	4.95	0.001	0.001	0.000005	0.00838	0.0011	0.0116	0.0169	0.000005	15.5	0.0000152	0.0002
2029 Mar	50.2	0.105	0.00515	0.001	12.6	0.0436	4.95	0.001	0.001	0.000005	0.00838	0.0011	0.0116	0.0169	0.000005	15.6	0.0000152	0.0002
2029 Apr	50.2	0.106	0.00516	0.001	12.6	0.0437	4.95	0.001	0.001	0.00000501	0.00839	0.0011	0.0116	0.0169	0.00000501	15.6	0.0000152	0.0002
2029 May	50.8	0.107	0.00523	0.00101	12.8	0.0442	5.01	0.00101	0.00101	0.00000507	0.00849	0.00111	0.0117	0.0171	0.00000507	15.8	0.0000154	0.000203
2029 Jun	48.4	0.0785	0.00645	0.00102	11.2	0.0367	4.28	0.00102	0.00102	0.00000508	0.00818	0.00108	0.0112	0.0165	0.00000508	14.9	0.0000177	0.000213
2029 Jul	37	0.0295	0.00623	0.00094	7.18	0.0251	2.62	0.00094	0.00094	0.0000047	0.00698	0.000889	0.00952	0.0122	0.0000047	10.7	0.0000183	0.000183
2029 Aug	38.9	0.0305	0.00647	0.000991	7.7	0.0277	2.82	0.000991	0.000991	0.00000496	0.00717	0.00095	0.01	0.013	0.00000496	11.4	0.0000181	0.000189
2029 Sep	44.6	0.0596	0.00619	0.00103	9.87	0.035	3.74	0.00103	0.00103	0.00000515	0.00781	0.00104	0.011	0.0149	0.00000515	13.4	0.0000172	0.0002
2029 Oct	49	0.0916	0.00556	0.00102	11.8	0.0414	4.61	0.00102	0.00102	0.00000512	0.00831	0.00109	0.0115	0.0165	0.00000512	15	0.0000161	0.000202
2029 Nov	49.4	0.1	0.00524	0.001	12.2	0.0426	4.8	0.001	0.001	0.00000501	0.0083	0.00109	0.0115	0.0166	0.00000501	15.3	0.0000154	0.000199
2029 Dec	49.4	0.1	0.00524	0.001	12.2	0.0426	4.8	0.001	0.001	0.00000501	0.00831	0.00109	0.0115	0.0166	0.00000501	15.3	0.0000154	0.000199
2030 Jan	49.4	0.1	0.00524	0.001	12.2	0.0426	4.81	0.001	0.001	0.00000501	0.00831	0.00109	0.0115	0.0166	0.00000501	15.3	0.0000154	0.000199
2030 Feb	49.4	0.1	0.00524	0.001	12.2	0.0426	4.81	0.001	0.001	0.00000501	0.00831	0.00109	0.0115	0.0166	0.00000501	15.3	0.0000154	0.000199
2030 Mar	49.5	0.1	0.00525	0.001	12.3	0.0426	4.81	0.001	0.001	0.00000501	0.00832	0.00109	0.0115	0.0166	0.00000501	15.3	0.0000154	0.000199
2030 Apr	49.6	0.101	0.00526	0.00101	12.3	0.0427	4.82	0.00101	0.00101	0.00000503	0.00833	0.00109	0.0115	0.0167	0.00000503	15.3	0.0000155	0.0002
2030 May	50.5	0.103	0.00536	0.00103	12.5	0.0436	4.92	0.00103	0.00103	0.00000513	0.0085	0.00111	0.0117	0.017	0.00000513	15.6	0.0000158	0.000204
2030 Jun	40.5	0.044	0.00626	0.00099	8.21	0.0283	3.04	0.00099	0.00099	0.00000495	0.0077	0.000941	0.0104	0.0131	0.00000495	11.7	0.0000196	0.000198
2030 Jul	37.4	0.026	0.00644	0.00098	6.97	0.0247	2.52	0.00098	0.00098	0.0000049	0.00732	0.0009	0.00994	0.0121	0.0000049	10.6	0.0000199	0.000191
2030 Aug	40	0.0282	0.00671	0.00104	7.75	0.0285	2.81	0.00104	0.00104	0.00000521	0.00749	0.00098	0.0107	0.0132	0.00000521	11.5	0.0000191	0.000198
2030 Sep	44.1	0.0419	0.00681	0.00109	9.23	0.0339	3.39	0.00109	0.00109	0.00000545	0.0078	0.00106	0.0117	0.0146	0.00000545	13	0.0000179	0.000209
2030 Oct	47.1	0.075	0.0059	0.00104	10.9	0.0389	4.19	0.00104	0.00104	0.0000052	0.00807	0.00108	0.0116	0.0157	0.0000052	14.3	0.0000164	0.000203
2030 Nov	48	0.0855	0.0056	0.00102	11.5	0.0404	4.44	0.00102	0.00102	0.00000511	0.00815	0.00108	0.0115	0.0161	0.00000511	14.7	0.0000159	0.000201
2030 Dec	48	0.0855	0.0056	0.00102	11.5	0.0405	4.44	0.00102	0.00102	0.00000511	0.00815	0.00108	0.0115	0.0161	0.00000511	14.7	0.0000159	0.000201
2031 Jan	48	0.0855	0.0056	0.00102	11.5	0.0405	4.44	0.00102	0.00102	0.00000511	0.00815	0.00108	0.0115	0.0161	0.00000511	14.7	0.0000159	0.000201
2031 Feb	48	0.0855	0.0056	0.00102	11.5	0.0405	4.44	0.00102	0.00102	0.00000511	0.00815	0.00108	0.0115	0.0161	0.00000511	14.7	0.0000159	0.000201
2031 Mar	48	0.0855	0.00561	0.00102	11.5	0.0405	4.45	0.00102	0.00102	0.00000511	0.00815	0.00108	0.0115	0.0161	0.00000511	14.7	0.0000159	0.000201
2031 Apr	48.3	0.0861	0.00564	0.00103	11.6	0.0407	4.47	0.00103	0.00103	0.00000514	0.00821	0.00109	0.0116	0.0162	0.00000514	14.8	0.000016	0.000203
2031 May	55.2	0.0853	0.0082	0.00104	13.2	0.0386	4.96	0.00104	0.00104	0.00000522	0.00815	0.00122	0.0114	0.0202	0.00000522	17.8	0.0000171	0.000242
2031 Jun	70.3	0.0641	0.0157	0.001	16.2	0.0253	5.68	0.001	0.001	0.000005	0.00715	0.00148	0.00945	0.0302	0.000005	24.9	0.0000199	0.000344
2031 Jul	72.6	0.0639	0.0161	0.00109	16.6	0.0278	5.84	0.00109	0.00109	0.00000543	0.00767	0.00155	0.0102	0.031	0.00000543	25.5	0.0000211	0.000354
2031 Aug	59.2	0.0512	0.0112	0.0011	13.9	0.0374	4.96	0.0011	0.0011	0.00000549	0.00684	0.00138	0.0115	0.0236	0.00000549	20.1	0.0000133	0.00027
2031 Sep	51.6	0.0858	0.00648	0.00103	12.9	0.0438	4.87	0.00103	0.00103	0.00000514	0.00757	0.00116	0.0122	0.0181	0.00000514	16.5	0.0000123	0.000215
2031 Oct	50.5	0.11	0.00504	0.000991	12.8	0.0444	5.07	0.000991	0.000991	0.00000495	0.00835	0.0011	0.0116	0.0171	0.00000495	15.8	0.0000147	0.000199
2031 Nov	50.7	0.11	0.00504	0.000993	12.9	0.0446	5.08	0.000993	0.000993	0.00000497	0.00838	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000147	0.000199
2031 Dec	50.7	0.11	0.00504	0.000994	12.9	0.0446	5.09	0.000994	0.000994	0.00000497	0.00838	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000147	0.000199
2032 Jan	50.7	0.11	0.00504	0.000994	12.9	0.0446	5.09	0.000994	0.000994	0.00000497	0.00838	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000147	0.000199
2032 Feb	50.7	0.11	0.00504	0.000994	12.9	0.0446	5.09	0.000994	0.000994	0.00000497	0.00838	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000147	0.000199
2032 Mar	50.7	0.11	0.00504	0.000994	12.9	0.0446	5.09	0.000994	0.000994	0.00000497	0.00839	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000147	0.000199
2032 Apr	50.9	0.111	0.00506	0.000998	12.9	0.0448	5.11	0.000998	0.000998	0.00000499	0.00842	0.00111	0.0116	0.0172	0.00000499	15.9	0.0000148	0.0002
2032 May	52.3	0.112	0.00535	0.00102	13.3	0.0454	5.23	0.00102	0.00102	0.00000508	0.00856	0.00114	0.0118	0.0178	0.00000508	16.4	0.0000151	0.000207
2032 Jun	44.1	0.0448	0.00767	0.000962	9.19	0.0265	3.34	0.000962	0.000962	0.00000481	0.00738	0.000997	0.00996	0.0155	0.00000481	13.5	0.0000193	0.000216
2032 Jul	35.8	0.0246	0.0065	0.000882	6.85	0.0219	2.45	0.000882	0.000882	0.00000441	0.00654	0.000849	0.00885	0.0121	0.00000441	10.5	0.0000179	0.000182
2032 Aug	37	0.0258	0.00661	0.000913	7.23	0.0238	2.6	0.000913	0.000913	0.00000457	0.00663	0.000887	0.00924	0.0126	0.00000457	10.9	0.0000175	0.000186
2032 Sep	38.3	0.0276	0.00677	0.000941	7.56	0.0251	2.72	0.000941	0.000941	0.00000471	0.00681	0.000917	0.0096	0.013	0.00000471	11.4	0.0000177	0.000191
2032 Oct	38.9	0.029	0.00681	0.000952	7.71	0.0256	2.78	0.000952	0.000952	0.00000476	0.0069	0.000929	0.00973	0.0132	0.00000476	11.5	0.0000178	0.000193
2032 Nov	39	0.0297	0.0068	0.000952	7.76	0.0258	2.8	0.000952	0.000952	0.00000476	0.00691	0.000931	0.00975	0.0133	0.00000476	11.6	0.0000178	0.000193
2032 Dec	38.9	0.0303	0.00675	0.000948	7.76	0.0258	2.8	0.000948	0.000948	0.00000474	0.00689	0.000928	0.00971	0.0132	0.00000474	11.5	0.0000177	0.000192
2033 Jan	38.9	0.0303	0.00675	0.000948	7.76	0.0258	2.8	0.000948	0.000948	0.00000474	0.00689	0.000928	0.00971	0.0132	0.00000474	11.5	0.0000177	0.000192
2033 Feb	38.9	0.0303	0.00675	0.000948	7.76	0.0258	2.81	0.000948	0.000948	0.00000474	0.00689	0.000928	0.00971	0.0132	0.00000474	11.5	0.0000177	0.000192
2033 Mar	39	0.0303	0.00676	0.000949	7.77	0.0259	2.81	0.000949	0.000949	0.00000475	0.0069	0.000929	0.00973	0.0133	0.00000475	11.6	0.0000177	0.000193
2033 Apr	39.3	0.0306	0.00682	0.000957	7.84	0.0261	2.83	0.000957	0.000957	0.00000479	0.00696	0.000937	0.00981	0.0134	0.00000479	11.7	0.0000179	0.000194
2033 May	44.7	0.0347	0.00846	0.000974	9.24	0.0258	3.3	0.000974	0.000974	0.00000487	0.00702	0.00104	0.0098	0.0163	0.00000487	14	0.0000184	0.000222
2033 Jun	48.7	0.0367	0.0102	0.000914	10.4	0.0228	3.66	0.000914	0.000914	0.00000457	0.00652	0.00109	0.00894	0.0191	0.00000457	16	0.0000179	0.000243
2033 Jul	50	0.0372	0.0104	0.000949	10.7	0.0238	3.75	0.000949	0.000949	0.00000474	0.00675	0.00112	0.00926	0.0196	0.00000474	16.4	0.0000185	0.000249
2033 Aug	52.6	0.039	0.0109	0.001	11.2	0.0253	3.95	0.001	0.001	0.00000501	0.0071	0.00118	0.00977	0.0206	0.00000501	17.3	0.0000193	0.000262
2033 Sep	51.7	0.0408	0.0105	0.000988	11.1	0.0258	3.93	0.000988	0.000988	0.00000494	0.00702	0.00116	0.00974	0.0202	0.00000494	16.9	0.0000187	0.000255
2033 Oct	48.9	0.0445	0.0095	0.000937	10.7	0.026	3.82	0.000937	0.000937	0.00000468	0.00677	0.0011	0.00938	0.0188	0.00000468	16	0.0000174	0.000237
2033 Nov	48.9	0.0454	0.00943	0.000937	10.7	0.0262	3.84	0.000937	0.000937	0.00000468	0.00679	0.0011	0.0094	0.0188	0.00000468	15.9	0.0000174	0.000237
2033 Dec	48.9	0.0454	0.00944	0.000937	10.7	0.0262	3.84	0.000937	0.000937	0.00000469	0.00679	0.0011	0.00941	0.0188	0.00000469	15.9	0.0000174	0.000237

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Jan	48.9	0.0454	0.00944	0.000937	10.7	0.0262	3.84	0.000937	0.000937	0.00000469	0.00679	0.0011	0.00941	0.0188	0.00000469	15.9	0.0000174	0.000237
2034 Feb	48.9	0.0454	0.00944	0.000937	10.7	0.0262	3.84	0.000937	0.000937	0.00000469	0.00679	0.0011	0.00941	0.0188	0.00000469	15.9	0.0000174	0.000237
2034 Mar	48.9	0.0454	0.00944	0.000938	10.7	0.0262	3.84	0.000938	0.000938	0.00000469	0.0068	0.0011	0.00941	0.0188	0.00000469	16	0.0000174	0.000237
2034 Apr	49.2	0.0457	0.00949	0.000942	10.8	0.0264	3.86	0.000942	0.000942	0.00000471	0.00683	0.0011	0.00945	0.0189	0.00000471	16	0.0000175	0.000238
2034 May	50.7	0.0468	0.00989	0.000959	11.1	0.0267	3.98	0.000959	0.000959	0.00000479	0.00694	0.00113	0.00959	0.0196	0.00000479	16.6	0.0000178	0.000246
2034 Jun	53.1	0.0469	0.0109	0.000942	11.7	0.0252	4.16	0.000942	0.000942	0.00000471	0.00677	0.00117	0.00927	0.0212	0.00000471	17.8	0.0000179	0.000259
2034 Jul	53.3	0.0464	0.0109	0.000958	11.7	0.0256	4.17	0.000958	0.000958	0.00000479	0.00685	0.00118	0.0094	0.0212	0.00000479	17.8	0.0000181	0.00026
2034 Aug	56.5	0.0491	0.0115	0.00102	12.5	0.0273	4.42	0.00102	0.00102	0.00000508	0.00726	0.00125	0.00998	0.0225	0.00000508	18.8	0.0000191	0.000275
2034 Sep	55.6	0.0505	0.0112	0.001	12.3	0.0276	4.39	0.001	0.001	0.00000502	0.00722	0.00123	0.00992	0.022	0.00000502	18.5	0.0000187	0.00027
2034 Oct	53.7	0.0519	0.0105	0.000973	12	0.0276	4.29	0.000973	0.000973	0.00000486	0.00705	0.00119	0.0097	0.0211	0.00000486	17.8	0.000018	0.000258
2034 Nov	53.8	0.0522	0.0105	0.000975	12	0.0277	4.3	0.000975	0.000975	0.00000488	0.00707	0.00119	0.00973	0.0212	0.00000488	17.8	0.000018	0.000258
2034 Dec	53.8	0.0523	0.0105	0.000976	12	0.0277	4.31	0.000976	0.000976	0.00000488	0.00708	0.00119	0.00973	0.0212	0.00000488	17.9	0.000018	0.000258
2035 Jan	53.8	0.0523	0.0105	0.000976	12	0.0277	4.31	0.000976	0.000976	0.00000488	0.00708	0.00119	0.00973	0.0212	0.00000488	17.9	0.000018	0.000258
2035 Feb	53.8	0.0523	0.0105	0.000976	12	0.0277	4.31	0.000976	0.000976	0.00000488	0.00708	0.00119	0.00973	0.0212	0.00000488	17.9	0.000018	0.000258
2035 Mar	53.8	0.0523	0.0105	0.000976	12	0.0277	4.31	0.000976	0.000976	0.00000488	0.00708	0.00119	0.00973	0.0212	0.00000488	17.9	0.000018	0.000259
2035 Apr	54	0.0525	0.0106	0.00098	12.1	0.0278	4.32	0.00098	0.00098	0.0000049	0.0071	0.0012	0.00977	0.0213	0.0000049	17.9	0.0000181	0.000259
2035 May	55.2	0.0535	0.0108	0.000997	12.3	0.0283	4.41	0.000997	0.000997	0.00000499	0.00723	0.00122	0.00994	0.0217	0.00000499	18.3	0.0000184	0.000265
2035 Jun	52.8	0.0479	0.0107	0.00095	11.7	0.0257	4.15	0.00095	0.00095	0.00000475	0.00688	0.00117	0.00939	0.0209	0.00000475	17.6	0.0000181	0.000257
2035 Jul	52.7	0.0468	0.0106	0.000964	11.6	0.0259	4.11	0.000964	0.000964	0.00000482	0.00697	0.00117	0.00951	0.0207	0.00000482	17.4	0.0000184	0.000257
2035 Aug	54	0.0479	0.0108	0.000992	11.9	0.0269	4.22	0.000992	0.000992	0.00000496	0.00714	0.0012	0.00983	0.0212	0.00000496	17.8	0.0000186	0.000263
2035 Sep	51.8	0.0486	0.0101	0.000958	11.5	0.027	4.1	0.000958	0.000958	0.00000479	0.00691	0.00115	0.00963	0.0202	0.00000479	17.1	0.0000176	0.00025
2035 Oct	51	0.0502	0.00981	0.000946	11.4	0.0273	4.08	0.000946	0.000946	0.00000473	0.00687	0.00114	0.00957	0.0198	0.00000473	16.8	0.0000172	0.000245
2035 Nov	50.2	0.0506	0.00956	0.000932	11.2	0.0272	4.04	0.000932	0.000932	0.00000466	0.00679	0.00112	0.00945	0.0194	0.00000466	16.5	0.0000169	0.00024
2035 Dec	50.2	0.0506	0.00956	0.000933	11.2	0.0272	4.04	0.000933	0.000933	0.00000466	0.00679	0.00112	0.00946	0.0195	0.00000466	16.5	0.0000169	0.00024
2036 Jan	50.2	0.0506	0.00956	0.000933	11.2	0.0272	4.04	0.000933	0.000933	0.00000466	0.00679	0.00112	0.00946	0.0195	0.00000466	16.5	0.0000169	0.00024
2036 Feb	50.2	0.0506	0.00956	0.000933	11.2	0.0272	4.04	0.000933	0.000933	0.00000466	0.00679	0.00112	0.00946	0.0195	0.00000466	16.5	0.0000169	0.00024
2036 Mar	50.2	0.0506	0.00956	0.000933	11.2	0.0272	4.04	0.000933	0.000933	0.00000466	0.00679	0.00112	0.00946	0.0195	0.00000466	16.5	0.0000169	0.00024
2036 Apr	50.5	0.0509	0.00962	0.000937	11.3	0.0273	4.06	0.000937	0.000937	0.00000468	0.00682	0.00112	0.0095	0.0196	0.00000468	16.6	0.000017	0.000241
2036 May	51.6	0.0519	0.00983	0.000954	11.5	0.0278	4.14	0.000954	0.000954	0.00000477	0.00695	0.00115	0.00967	0.02	0.00000477	17	0.0000173	0.000246
2036 Jun	49.6	0.0472	0.00956	0.000936	10.9	0.0263	3.91	0.000936	0.000936	0.00000468	0.00682	0.0011	0.00944	0.0191	0.00000468	16.2	0.0000174	0.00024
2036 Jul	49	0.0453	0.00945	0.000946	10.7	0.0263	3.83	0.000946	0.000946	0.00000473	0.00687	0.0011	0.00951	0.0188	0.00000473	15.9	0.0000176	0.000238
2036 Aug	51.3	0.0473	0.00987	0.000992	11.2	0.0277	4.01	0.000992	0.000992	0.00000496	0.00719	0.00115	0.00998	0.0197	0.00000496	16.7	0.0000184	0.000249
2036 Sep	51.3	0.048	0.00978	0.000992	11.2	0.0281	4.03	0.000992	0.000992	0.00000496	0.00719	0.00115	0.01	0.0196	0.00000496	16.6	0.0000182	0.000248
2036 Oct	50.3	0.0492	0.00945	0.000974	11.1	0.0281	3.99	0.000974	0.000974	0.00000487	0.0071	0.00113	0.00989	0.0191	0.00000487	16.3	0.0000178	0.000241
2036 Nov	50.1	0.0495	0.00937	0.00097	11	0.0281	3.98	0.00097	0.00097	0.00000485	0.00708	0.00112	0.00987	0.0191	0.00000485	16.2	0.0000177	0.00024
2036 Dec	50	0.0496	0.00934	0.000969	11	0.0281	3.97	0.000969	0.000969	0.00000484	0.00707	0.00112	0.00985	0.019	0.00000484	16.2	0.0000177	0.00024
2037 Jan	50	0.0496	0.00934	0.000969	11	0.0281	3.97	0.000969	0.000969	0.00000484	0.00707	0.00112	0.00985	0.019	0.00000484	16.2	0.0000177	0.00024
2037 Feb	50	0.0496	0.00935	0.000969	11	0.0281	3.98	0.000969	0.000969	0.00000484	0.00707	0.00112	0.00985	0.019	0.00000484	16.2	0.0000177	0.00024
2037 Mar	50.1	0.0496	0.00936	0.00097	11	0.0281	3.98	0.00097	0.00097	0.00000485	0.00708	0.00112	0.00986	0.019	0.00000485	16.2	0.0000177	0.00024
2037 Apr	50.2	0.0497	0.00938	0.000972	11.1	0.0282	3.99	0.000972	0.000972	0.00000486	0.0071	0.00113	0.00989	0.0191	0.00000486	16.3	0.0000177	0.000241
2037 May	52.5	0.0509	0.0101	0.000977	11.6	0.0279	4.17	0.000977	0.000977	0.00000488	0.0071	0.00117	0.00984	0.0203	0.00000488	17.2	0.000018	0.000252
2037 Jun	52.2	0.0484	0.0105	0.000927	11.6	0.0255	4.14	0.000927	0.000927	0.00000463	0.00669	0.00115	0.0092	0.0207	0.00000463	17.4	0.0000174	0.000253
2037 Jul	53.9	0.0496	0.0108	0.000964	12	0.0265	4.26	0.000964	0.000964	0.00000482	0.00695	0.00119	0.00956	0.0214	0.00000482	18	0.0000181	0.000261
2037 Aug	55.9	0.0513	0.0112	0.001	12.4	0.0277	4.42	0.001	0.001	0.00000501	0.00721	0.00124	0.00995	0.0221	0.00000501	18.6	0.0000187	0.000271
2037 Sep	56.9	0.0528	0.0114	0.00102	12.7	0.0284	4.51	0.00102	0.00102	0.00000511	0.00735	0.00126	0.0102	0.0225	0.00000511	18.9	0.0000189	0.000275
2037 Oct	55.9	0.0537	0.011	0.00101	12.5	0.0284	4.46	0.00101	0.00101	0.00000503	0.00728	0.00124	0.0101	0.022	0.00000503	18.6	0.0000186	0.000269
2037 Nov	55.9	0.054	0.011	0.00101	12.5	0.0286	4.47	0.00101	0.00101	0.00000503	0.00729	0.00124	0.0101	0.022	0.00000503	18.6	0.0000186	0.000269
2037 Dec	55.9	0.0541	0.011	0.00101	12.5	0.0286	4.47	0.00101	0.00101	0.00000504	0.00729	0.00124	0.0101	0.022	0.00000504	18.6	0.0000186	0.000269
2038 Jan	55.9	0.0541	0.011	0.00101	12.5	0.0286	4.47	0.00101	0.00101	0.00000504	0.00729	0.00124	0.0101	0.022	0.00000504	18.6	0.0000186	0.000269
2038 Feb	55.9	0.0541	0.011	0.00101	12.5	0.0286	4.47	0.00101	0.00101	0.00000504	0.00729	0.00124	0.0101	0.022	0.00000504	18.6	0.0000186	0.000269
2038 Mar	55.9	0.0541	0.011	0.00101	12.5	0.0286	4.47	0.00101	0.00101	0.00000504	0.00729	0.00124	0.0101	0.022	0.00000504	18.6	0.0000186	0.000269
2038 Apr	56.1	0.0542	0.011	0.00101	12.5	0.0287	4.49	0.00101	0.00101	0.00000505	0.00731	0.00124	0.0101	0.0221	0.00000505	18.6	0.0000186	0.00027
2038 May	57.4	0.0552	0.0114	0.00102	12.9	0.0288	4.59	0.00102	0.00102	0.00000511	0.00739	0.00127	0.0102	0.0228	0.00000511	19.2	0.0000189	0.000277
2038 Jun	57.9	0.0534	0.0119	0.000986	13	0.0268	4.61	0.000986	0.000986	0.00000493	0.00708	0.00126	0.0097	0.0234	0.00000493	19.6	0.0000186	0.000281
2038 Jul	61.1	0.0561	0.0126	0.00105	13.7	0.0284	4.86	0.00105	0.00105	0.00000523	0.00752	0.00134	0.0103	0.0247	0.00000523	20.6	0.0000197	0.000297
2038 Aug	63.9	0.0586	0.0131	0.0011	14.3	0.0301	5.09	0.0011	0.0011	0.00000549	0.00787	0.0014	0.0108	0.0258	0.00000549	21.6	0.0000205	0.00031
2038 Sep	64.1	0.0596	0.0131	0.0011	14.4	0.0305	5.12	0.0011	0.0011	0.00000552	0.00792	0.00141	0.0109	0.0258	0.00000552	21.6	0.0000205	0.00031
2038 Oct	63.6	0.0604	0.0129	0.0011	14.3	0.0306	5.1	0.0011	0.0011	0.00000549	0.00789	0.00139	0.0109	0.0255	0.00000549	21.4	0.0000203	0.000307
2038 Nov	63.7	0.0606	0.0129	0.0011	14.3	0.0307	5.11	0.0011	0.0011	0.0000055	0.00791	0.0014	0.0109	0.0256	0.0000055	21.5	0.0000204	0.000307
2038 Dec	63.7	0.0606	0.0129	0.0011	14.3	0.0307	5.11	0.0011	0.0011	0.0000055	0.00791	0.0014	0.0109	0.0256	0.0000055	21.5	0.0000204	0.000308
2039 Jan	63.7	0.0606	0.0129	0.0011	14.3	0.0307	5.11	0.0011	0.0011	0.0000055	0.00791	0.0014	0.0109	0.0256	0.0000055	21.5	0.0000204	0.000308
2039 Feb	63.7	0.0606	0.0129	0.0011	14.3	0.0307	5.11	0.0011	0.0011	0.0000055	0.00791	0.0014	0.0109	0.0256	0.0000055	21.5	0.0000204	0.000308
2039 Mar	63.8	0.0606	0.0129	0.0011	14.4	0.0308	5.11	0.0011	0.0011	0.0000055	0.00792	0.0014	0.0109	0.0256	0.0000055	21.5	0.0000204	0.000308
2039 Apr	63.9	0.0608	0.0129	0.0011	14.4	0.0309	5.13	0.0011	0.0011	0.00000552	0.00794	0.0014	0.011	0.0257	0.00000552	21.5	0.0000204	0.000309
2039 May	64.9	0.0617	0.0131	0.00112	14.6	0.0313	5.2	0.00112	0.00112	0.0000056	0.00806	0.00142	0.0111	0.026	0.0000056	21.8	0.0000207	0.000313
2039 Jun	58.9	0.053	0.0119	0.00107	13	0.0288	4.62	0.00107	0.00107	0.00000533	0.0077	0.0013	0.0106	0.0233	0.00000533	19.6	0.0000203	0.000288
2039 Jul	54.6	0.0469	0.0109	0.00102	11.9	0.0275	4.23	0.00102	0.00102	0.00000512	0.00733	0.00122	0.0101	0.0214	0.00000512	18	0.0000192	0.000266

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Aug	54.8	0.0463	0.0109	0.00104	12	0.0287	4.27	0.00104	0.00104	0.00000522	0.00738	0.00124	0.0102	0.0215	0.00000522	18	0.000019	0.000265
2039 Sep	55.9	0.0478	0.0111	0.00106	12.2	0.0294	4.37	0.00106	0.00106	0.00000532	0.00753	0.00127	0.0105	0.0219	0.00000532	18.4	0.0000193	0.00027
2039 Oct	55.7	0.0483	0.011	0.00106	12.2	0.0295	4.36	0.00106	0.00106	0.00000531	0.00753	0.00126	0.0104	0.0218	0.00000531	18.3	0.0000192	0.000269
2039 Nov	55.9	0.0485	0.011	0.00106	12.2	0.0296	4.38	0.00106	0.00106	0.00000532	0.00755	0.00127	0.0105	0.0218	0.00000532	18.4	0.0000193	0.000269
2039 Dec	55.9	0.0485	0.011	0.00107	12.2	0.0296	4.38	0.00107	0.00107	0.00000533	0.00755	0.00127	0.0105	0.0218	0.00000533	18.4	0.0000193	0.000269
2040 Jan	55.9	0.0485	0.011	0.00107	12.2	0.0296	4.38	0.00107	0.00107	0.00000533	0.00755	0.00127	0.0105	0.0218	0.00000533	18.4	0.0000193	0.000269
2040 Feb	55.9	0.0485	0.011	0.00107	12.2	0.0296	4.38	0.00107	0.00107	0.00000533	0.00755	0.00127	0.0105	0.0218	0.00000533	18.4	0.0000193	0.000269
2040 Mar	55.9	0.0485	0.011	0.00107	12.3	0.0296	4.38	0.00107	0.00107	0.00000533	0.00756	0.00127	0.0105	0.0219	0.00000533	18.4	0.0000193	0.00027
2040 Apr	56.1	0.0487	0.0111	0.00107	12.3	0.0297	4.39	0.00107	0.00107	0.00000534	0.00758	0.00127	0.0105	0.0219	0.00000534	18.4	0.0000194	0.00027
2040 May	57.2	0.0495	0.0113	0.00108	12.6	0.03	4.48	0.00108	0.00108	0.00000541	0.00767	0.00129	0.0106	0.0224	0.00000541	18.9	0.0000196	0.000276
2040 Jun	56.9	0.0474	0.0117	0.00103	12.5	0.0274	4.44	0.00103	0.00103	0.00000514	0.00726	0.00127	0.00998	0.0228	0.00000514	19	0.0000192	0.000277
2040 Jul	58	0.0478	0.0119	0.00106	12.7	0.028	4.51	0.00106	0.00106	0.00000528	0.00746	0.0013	0.0102	0.0231	0.00000528	19.3	0.0000197	0.000283
2040 Aug	59.5	0.049	0.0122	0.00109	13.1	0.0291	4.63	0.00109	0.00109	0.00000544	0.00766	0.00134	0.0106	0.0238	0.00000544	19.8	0.0000201	0.00029
2040 Sep	59.9	0.0497	0.0122	0.0011	13.2	0.0296	4.67	0.0011	0.0011	0.00000549	0.00772	0.00134	0.0107	0.0239	0.00000549	20	0.0000201	0.000291
2040 Oct	60.1	0.0506	0.0122	0.0011	13.2	0.0299	4.7	0.0011	0.0011	0.00000551	0.00777	0.00135	0.0108	0.0239	0.00000551	20	0.0000202	0.000292
2040 Nov	60.3	0.0508	0.0123	0.00111	13.3	0.0301	4.72	0.00111	0.00111	0.00000553	0.00779	0.00135	0.0108	0.024	0.00000553	20.1	0.0000202	0.000293
2040 Dec	60.3	0.0508	0.0123	0.00111	13.3	0.0301	4.72	0.00111	0.00111	0.00000553	0.00779	0.00135	0.0108	0.024	0.00000553	20.1	0.0000202	0.000293
2041 Jan	60.3	0.0508	0.0123	0.00111	13.3	0.0301	4.72	0.00111	0.00111	0.00000553	0.00779	0.00135	0.0108	0.024	0.00000553	20.1	0.0000202	0.000293
2041 Feb	60.3	0.0508	0.0123	0.00111	13.3	0.0301	4.72	0.00111	0.00111	0.00000553	0.0078	0.00135	0.0108	0.024	0.00000553	20.1	0.0000202	0.000293
2041 Mar	60.4	0.0509	0.0123	0.00111	13.3	0.0301	4.72	0.00111	0.00111	0.00000554	0.0078	0.00135	0.0108	0.024	0.00000554	20.1	0.0000203	0.000293
2041 Apr	60.5	0.051	0.0123	0.00111	13.3	0.0301	4.73	0.00111	0.00111	0.00000555	0.00782	0.00136	0.0108	0.0241	0.00000555	20.1	0.0000203	0.000293
2041 May	61.2	0.0515	0.0124	0.00112	13.5	0.0304	4.78	0.00112	0.00112	0.0000056	0.00789	0.00137	0.0109	0.0243	0.0000056	20.4	0.0000205	0.000297
2041 Jun	56.5	0.0452	0.0115	0.00107	12.2	0.0283	4.33	0.00107	0.00107	0.00000536	0.0076	0.00127	0.0105	0.0221	0.00000536	18.6	0.0000201	0.000277
2041 Jul	52	0.0397	0.0105	0.00102	11.1	0.0265	3.92	0.00102	0.00102	0.00000509	0.00722	0.00118	0.00996	0.0201	0.00000509	16.9	0.0000193	0.000256
2041 Aug	54.2	0.0414	0.0109	0.00107	11.6	0.0279	4.1	0.00107	0.00107	0.00000533	0.00753	0.00123	0.0104	0.021	0.00000533	17.6	0.00002	0.000267
2041 Sep	54.9	0.0424	0.011	0.00108	11.7	0.0285	4.16	0.00108	0.00108	0.0000054	0.00763	0.00125	0.0106	0.0212	0.0000054	17.8	0.0000201	0.00027
2041 Oct	54.7	0.0433	0.0109	0.00108	11.7	0.0287	4.17	0.00108	0.00108	0.00000539	0.00763	0.00125	0.0106	0.0211	0.00000539	17.8	0.00002	0.000268
2041 Nov	54.9	0.0436	0.011	0.00108	11.8	0.0288	4.19	0.00108	0.00108	0.0000054	0.00766	0.00125	0.0106	0.0212	0.0000054	17.9	0.0000201	0.000269
2041 Dec	55	0.0436	0.011	0.00108	11.8	0.0288	4.19	0.00108	0.00108	0.00000541	0.00766	0.00125	0.0106	0.0212	0.00000541	17.9	0.0000201	0.000269
2042 Jan	55	0.0436	0.011	0.00108	11.8	0.0288	4.19	0.00108	0.00108	0.00000541	0.00766	0.00125	0.0107	0.0212	0.00000541	17.9	0.0000201	0.000269
2042 Feb	55	0.0436	0.011	0.00108	11.8	0.0288	4.19	0.00108	0.00108	0.00000541	0.00766	0.00125	0.0107	0.0212	0.00000541	17.9	0.0000201	0.000269
2042 Mar	55	0.0436	0.011	0.00108	11.8	0.0288	4.19	0.00108	0.00108	0.00000541	0.00767	0.00125	0.0107	0.0212	0.00000541	17.9	0.0000201	0.00027
2042 Apr	55.3	0.0439	0.011	0.00109	11.8	0.029	4.21	0.00109	0.00109	0.00000544	0.00771	0.00126	0.0107	0.0213	0.00000544	18	0.0000202	0.000271
2042 May	56.5	0.0448	0.0113	0.00111	12.1	0.0295	4.3	0.00111	0.00111	0.00000554	0.00785	0.00128	0.0109	0.0218	0.00000554	18.4	0.0000206	0.000277
2042 Jun	53.6	0.0409	0.0107	0.00108	11.3	0.028	4.02	0.00108	0.00108	0.00000538	0.00765	0.00122	0.0106	0.0205	0.00000538	17.3	0.0000204	0.000265
2042 Jul	51.9	0.0382	0.0103	0.00106	10.9	0.0275	3.86	0.00106	0.00106	0.00000531	0.00753	0.00119	0.0104	0.0197	0.00000531	16.6	0.0000201	0.000257
2042 Aug	50.6	0.0376	0.00996	0.00104	10.7	0.0279	3.8	0.00104	0.00104	0.00000522	0.00732	0.00117	0.0103	0.0192	0.00000522	16.2	0.000019	0.000249
2042 Sep	50.2	0.0384	0.00975	0.00104	10.7	0.0283	3.8	0.00104	0.00104	0.00000518	0.00725	0.00116	0.0104	0.019	0.00000518	16.1	0.0000185	0.000246
2042 Oct	49.8	0.0394	0.00958	0.00103	10.6	0.0284	3.79	0.00103	0.00103	0.00000513	0.00721	0.00115	0.0103	0.0188	0.00000513	15.9	0.0000183	0.000243
2042 Nov	49.9	0.0396	0.00961	0.00103	10.7	0.0285	3.8	0.00103	0.00103	0.00000515	0.00723	0.00115	0.0103	0.0188	0.00000515	16	0.0000183	0.000243
2042 Dec	50	0.0396	0.00961	0.00103	10.7	0.0285	3.8	0.00103	0.00103	0.00000515	0.00723	0.00115	0.0103	0.0188	0.00000515	16	0.0000183	0.000243
2043 Jan	50	0.0396	0.00961	0.00103	10.7	0.0285	3.8	0.00103	0.00103	0.00000515	0.00723	0.00115	0.0104	0.0188	0.00000515	16	0.0000183	0.000243
2043 Feb	50	0.0396	0.00961	0.00103	10.7	0.0285	3.8	0.00103	0.00103	0.00000515	0.00723	0.00115	0.0104	0.0188	0.00000515	16	0.0000183	0.000243
2043 Mar	50	0.0396	0.00961	0.00103	10.7	0.0285	3.81	0.00103	0.00103	0.00000515	0.00724	0.00115	0.0104	0.0188	0.00000515	16	0.0000183	0.000243
2043 Apr	50.2	0.0398	0.00966	0.00104	10.7	0.0287	3.82	0.00104	0.00104	0.00000518	0.00727	0.00116	0.0104	0.0189	0.00000518	16.1	0.0000184	0.000245
2043 May	51.5	0.0408	0.00996	0.00106	11	0.0291	3.93	0.00106	0.00106	0.00000528	0.0074	0.00119	0.0106	0.0195	0.00000528	16.6	0.0000188	0.000251
2043 Jun	52.7	0.0408	0.0106	0.00102	11.4	0.0272	4.01	0.00102	0.00102	0.0000051	0.00715	0.0012	0.0101	0.0205	0.0000051	17.2	0.0000187	0.000259
2043 Jul	54.8	0.042	0.011	0.00107	11.8	0.0285	4.17	0.00107	0.00107	0.00000534	0.00748	0.00125	0.0106	0.0213	0.00000534	17.9	0.0000195	0.000269
2043 Aug	57.1	0.0439	0.0115	0.00112	12.3	0.03	4.35	0.00112	0.00112	0.00000559	0.0078	0.0013	0.0111	0.0222	0.00000559	18.7	0.0000202	0.00028
2043 Sep	57.4	0.0446	0.0115	0.00112	12.4	0.0304	4.39	0.00112	0.00112	0.00000562	0.00784	0.00131	0.0112	0.0222	0.00000562	18.7	0.0000202	0.000281
2043 Oct	56.9	0.0462	0.0112	0.00111	12.3	0.0307	4.39	0.00111	0.00111	0.00000557	0.00782	0.0013	0.0111	0.022	0.00000557	18.6	0.00002	0.000277
2043 Nov	56.6	0.0473	0.0111	0.00111	12.3	0.0308	4.38	0.00111	0.00111	0.00000554	0.0078	0.00129	0.0111	0.0218	0.00000554	18.4	0.0000198	0.000275
2043 Dec	56.6	0.0473	0.0111	0.00111	12.3	0.0308	4.38	0.00111	0.00111	0.00000554	0.0078	0.00129	0.0111	0.0218	0.00000554	18.4	0.0000198	0.000275
2044 Jan	56.6	0.0473	0.0111	0.00111	12.3	0.0308	4.38	0.00111	0.00111	0.00000554	0.0078	0.00129	0.0111	0.0218	0.00000554	18.4	0.0000198	0.000275
2044 Feb	56.6	0.0473	0.0111	0.00111	12.3	0.0309	4.39	0.00111	0.00111	0.00000554	0.0078	0.00129	0.0111	0.0218	0.00000554	18.4	0.0000198	0.000275
2044 Mar	56.7	0.0474	0.0111	0.00111	12.3	0.0309	4.39	0.00111	0.00111	0.00000555	0.00781	0.00129	0.0111	0.0218	0.00000555	18.5	0.0000198	0.000275
2044 Apr	56.8	0.0475	0.0111	0.00111	12.3	0.0309	4.4	0.00111	0.00111	0.00000556	0.00783	0.00129	0.0111	0.0219	0.00000556	18.5	0.0000198	0.000276
2044 May	57.7	0.0482	0.0113	0.00113	12.5	0.0314	4.47	0.00113	0.00113	0.00000564	0.00795	0.00131	0.0113	0.0222	0.00000564	18.8	0.0000202	0.00028
2044 Jun	53	0.042	0.0105	0.00105	11.4	0.0283	4.03	0.00105	0.00105	0.00000527	0.00745	0.00121	0.0105	0.0203	0.00000527	17.2	0.0000194	0.000261
2044 Jul	53.6	0.0417	0.0106	0.00108	11.4	0.0287	4.05	0.00108	0.00108	0.00000539	0.00764	0.00122	0.0108	0.0204	0.00000539	17.3	0.00002	0.000264
2044 Aug	56.9	0.0442	0.0112	0.00115	12.1	0.0306	4.3	0.00115	0.00115	0.00000573	0.0081	0.0013	0.0114	0.0217	0.00000573	18.3	0.0000211	0.00028
2044 Sep	55.7	0.0447	0.0109	0.00112	11.9	0.0307	4.24	0.00112	0.00112	0.00000562	0.00793	0.00127	0.0113	0.0211	0.00000562	18	0.0000204	0.000273
2044 Oct	55.3	0.0458	0.0107	0.00111	11.9	0.0308	4.23	0.00111	0.00111	0.00000557	0.00789	0.00126	0.0113	0.0209	0.00000557	17.8	0.0000201	0.00027
2044 Nov	55.3	0.0462	0.0106	0.00111	11.9	0.0309	4.24	0.00111	0.00111	0.00000557	0.00791	0.00126	0.0113	0.0209	0.00000557	17.8	0.0000201	0.00027
2044 Dec	55.3	0.0462	0.0107	0.00111	11.9	0.0309	4.24	0.00111	0.00111	0.00000557	0.00791	0.00126	0.0113	0.0209	0.00000557	17.8	0.0000201	0.00027
2045 Jan	55.3	0.0462	0.0107	0.00111	11.9	0.0309	4.24	0.00111	0.00111	0.00000557	0.00791	0.00126	0.0113	0.0209	0.00000557	17.8	0.0000201	0.00027
2045 Feb	55.3	0.0462	0.0107	0.00111	11.9	0.0309	4.24	0.00111	0.00111	0.00000557	0.00791	0.00126	0.0113	0.0209	0.00000557	17.8	0.0000201	0.00027

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Mar	55.4	0.0462	0.0107	0.00112	11.9	0.0309	4.25	0.00112	0.00112	0.00000558	0.00791	0.00126	0.0113	0.0209	0.00000558	17.8	0.0000201	0.00027
2045 Apr	55.5	0.0463	0.0107	0.00112	11.9	0.031	4.25	0.00112	0.00112	0.00000559	0.00793	0.00127	0.0113	0.021	0.00000559	17.9	0.0000202	0.000271
2045 May	56.3	0.047	0.0108	0.00113	12.1	0.0314	4.32	0.00113	0.00113	0.00000567	0.00804	0.00128	0.0115	0.0213	0.00000567	18.1	0.0000204	0.000275
2045 Jun	53	0.0424	0.0102	0.0011	11.2	0.0296	3.99	0.0011	0.0011	0.00000548	0.0078	0.00121	0.0111	0.0198	0.00000548	16.9	0.0000202	0.000261
2045 Jul	52.9	0.041	0.0102	0.00111	11.1	0.0297	3.94	0.00111	0.00111	0.00000555	0.00792	0.00122	0.0112	0.0196	0.00000555	16.7	0.0000206	0.000262
2045 Aug	54.7	0.0425	0.0105	0.00115	11.5	0.0309	4.09	0.00115	0.00115	0.00000575	0.00819	0.00126	0.0116	0.0203	0.00000575	17.3	0.0000212	0.00027
2045 Sep	55	0.0432	0.0105	0.00116	11.6	0.0313	4.12	0.00116	0.00116	0.00000578	0.00822	0.00127	0.0117	0.0204	0.00000578	17.4	0.0000212	0.000271
2045 Oct	55.3	0.0438	0.0106	0.00116	11.7	0.0316	4.15	0.00116	0.00116	0.00000581	0.00827	0.00127	0.0118	0.0205	0.00000581	17.5	0.0000213	0.000273
2045 Nov	55.5	0.0439	0.0106	0.00117	11.7	0.0317	4.16	0.00117	0.00117	0.00000583	0.0083	0.00128	0.0118	0.0206	0.00000583	17.6	0.0000213	0.000273
2045 Dec	55.5	0.044	0.0106	0.00117	11.7	0.0317	4.17	0.00117	0.00117	0.00000583	0.0083	0.00128	0.0118	0.0206	0.00000583	17.6	0.0000214	0.000273
2046 Jan	55.5	0.044	0.0106	0.00117	11.7	0.0317	4.17	0.00117	0.00117	0.00000583	0.0083	0.00128	0.0118	0.0206	0.00000583	17.6	0.0000214	0.000273
2046 Feb	55.5	0.044	0.0106	0.00117	11.7	0.0317	4.17	0.00117	0.00117	0.00000583	0.0083	0.00128	0.0118	0.0206	0.00000583	17.6	0.0000214	0.000273
2046 Mar	55.6	0.044	0.0106	0.00117	11.7	0.0317	4.17	0.00117	0.00117	0.00000584	0.00831	0.00128	0.0118	0.0206	0.00000584	17.6	0.0000214	0.000274
2046 Apr	55.8	0.0442	0.0107	0.00117	11.8	0.0319	4.19	0.00117	0.00117	0.00000587	0.00835	0.00128	0.0119	0.0207	0.00000587	17.7	0.0000215	0.000275
2046 May	56.7	0.0449	0.0108	0.00119	12	0.0324	4.26	0.00119	0.00119	0.00000596	0.00848	0.00131	0.0121	0.0211	0.00000596	18	0.0000218	0.00028
2046 Jun	52.3	0.0392	0.0101	0.00112	10.9	0.0295	3.85	0.00112	0.00112	0.0000056	0.00801	0.00121	0.0113	0.0192	0.0000056	16.4	0.000021	0.000261
2046 Jul	49	0.0351	0.00943	0.00108	10	0.0279	3.56	0.00108	0.00108	0.00000538	0.00769	0.00114	0.0108	0.0179	0.00000538	15.3	0.0000204	0.000246
2046 Aug	50.8	0.0364	0.00973	0.00112	10.4	0.0292	3.7	0.00112	0.00112	0.00000558	0.00795	0.00118	0.0113	0.0185	0.00000558	15.8	0.0000209	0.000254
2046 Sep	50.1	0.0371	0.00949	0.0011	10.3	0.0293	3.68	0.0011	0.0011	0.00000549	0.00782	0.00116	0.0112	0.0182	0.00000549	15.6	0.0000203	0.000249
2046 Oct	49.6	0.0385	0.00928	0.00108	10.3	0.0294	3.67	0.00108	0.00108	0.00000542	0.00775	0.00115	0.0111	0.018	0.00000542	15.4	0.00002	0.000245
2046 Nov	49.6	0.0388	0.00926	0.00108	10.3	0.0294	3.68	0.00108	0.00108	0.00000542	0.00775	0.00115	0.0111	0.018	0.00000542	15.5	0.00002	0.000245
2046 Dec	49.6	0.0389	0.00927	0.00108	10.3	0.0294	3.68	0.00108	0.00108	0.00000542	0.00776	0.00115	0.0111	0.018	0.00000542	15.5	0.00002	0.000245
2047 Jan	49.6	0.0389	0.00927	0.00108	10.3	0.0294	3.68	0.00108	0.00108	0.00000542	0.00776	0.00115	0.0111	0.018	0.00000542	15.5	0.00002	0.000245
2047 Feb	49.6	0.0389	0.00927	0.00108	10.3	0.0295	3.68	0.00108	0.00108	0.00000542	0.00776	0.00115	0.0111	0.018	0.00000542	15.5	0.00002	0.000245
2047 Mar	49.7	0.0389	0.00929	0.00109	10.3	0.0295	3.69	0.00109	0.00109	0.00000543	0.00777	0.00115	0.0111	0.018	0.00000543	15.5	0.00002	0.000246
2047 Apr	49.8	0.039	0.00931	0.00109	10.4	0.0296	3.7	0.00109	0.00109	0.00000545	0.00779	0.00116	0.0111	0.0181	0.00000545	15.5	0.0000201	0.000246
2047 May	50.9	0.0398	0.00961	0.0011	10.6	0.0296	3.78	0.0011	0.0011	0.00000548	0.00783	0.00118	0.0112	0.0186	0.00000548	16	0.0000202	0.000252
2047 Jun	52.2	0.0402	0.0104	0.00105	11.1	0.0274	3.92	0.00105	0.00105	0.00000523	0.00744	0.00119	0.0105	0.0199	0.00000523	16.8	0.0000197	0.000259
2047 Jul	54.6	0.0417	0.0109	0.0011	11.6	0.0288	4.08	0.0011	0.0011	0.0000055	0.00782	0.00124	0.011	0.0207	0.0000055	17.6	0.0000207	0.000271
2047 Aug	57	0.0436	0.0113	0.00115	12.1	0.0303	4.27	0.00115	0.00115	0.00000575	0.00816	0.0013	0.0115	0.0217	0.00000575	18.3	0.0000215	0.000283
2047 Sep	56.5	0.0443	0.0111	0.00114	12	0.0305	4.26	0.00114	0.00114	0.0000057	0.00809	0.00129	0.0115	0.0214	0.0000057	18.2	0.0000211	0.000279
2047 Oct	55.7	0.0454	0.0108	0.00112	11.9	0.0305	4.23	0.00112	0.00112	0.00000561	0.008	0.00127	0.0114	0.021	0.00000561	17.9	0.0000207	0.000274
2047 Nov	55.6	0.0458	0.0108	0.00112	11.9	0.0305	4.23	0.00112	0.00112	0.0000056	0.00799	0.00126	0.0113	0.021	0.0000056	17.8	0.0000206	0.000273
2047 Dec	55.6	0.0458	0.0108	0.00112	11.9	0.0305	4.23	0.00112	0.00112	0.0000056	0.008	0.00126	0.0114	0.021	0.0000056	17.8	0.0000206	0.000273
2048 Jan	55.6	0.0458	0.0108	0.00112	11.9	0.0305	4.23	0.00112	0.00112	0.0000056	0.008	0.00126	0.0114	0.021	0.0000056	17.9	0.0000206	0.000273
2048 Feb	55.6	0.0458	0.0108	0.00112	11.9	0.0305	4.23	0.00112	0.00112	0.00000561	0.008	0.00126	0.0114	0.021	0.00000561	17.9	0.0000206	0.000273
2048 Mar	55.6	0.0458	0.0108	0.00112	11.9	0.0305	4.23	0.00112	0.00112	0.00000561	0.008	0.00126	0.0114	0.021	0.00000561	17.9	0.0000206	0.000273
2048 Apr	55.8	0.046	0.0108	0.00113	11.9	0.0306	4.25	0.00113	0.00113	0.00000563	0.00803	0.00127	0.0114	0.0211	0.00000563	17.9	0.0000207	0.000274
2048 May	56.7	0.0467	0.011	0.00114	12.1	0.0311	4.31	0.00114	0.00114	0.00000572	0.00816	0.00129	0.0116	0.0214	0.00000572	18.2	0.000021	0.000279
2048 Jun	52.2	0.0408	0.0101	0.00108	11	0.0287	3.89	0.00108	0.00108	0.00000542	0.00776	0.00119	0.011	0.0194	0.00000542	16.6	0.0000204	0.000259
2048 Jul	49.6	0.0368	0.00961	0.00106	10.3	0.0275	3.64	0.00106	0.00106	0.00000529	0.00758	0.00114	0.0107	0.0183	0.00000529	15.6	0.0000201	0.000248
2048 Aug	50.4	0.0375	0.00971	0.00108	10.5	0.0285	3.72	0.00108	0.00108	0.0000054	0.00769	0.00117	0.0109	0.0186	0.0000054	15.9	0.0000201	0.000251
2048 Sep	50.5	0.0383	0.00966	0.00108	10.5	0.0289	3.74	0.00108	0.00108	0.00000541	0.00769	0.00117	0.011	0.0186	0.00000541	15.9	0.00002	0.000251
2048 Oct	50.1	0.0392	0.00951	0.00107	10.5	0.029	3.74	0.00107	0.00107	0.00000536	0.00764	0.00116	0.0109	0.0184	0.00000536	15.8	0.0000197	0.000248
2048 Nov	50.2	0.0397	0.00949	0.00107	10.5	0.0291	3.75	0.00107	0.00107	0.00000536	0.00766	0.00116	0.0109	0.0184	0.00000536	15.8	0.0000197	0.000248
2048 Dec	50.2	0.0397	0.00949	0.00107	10.5	0.0291	3.75	0.00107	0.00107	0.00000536	0.00766	0.00116	0.0109	0.0184	0.00000536	15.8	0.0000197	0.000248
2049 Jan	50.2	0.0397	0.00949	0.00107	10.5	0.0291	3.75	0.00107	0.00107	0.00000536	0.00766	0.00116	0.0109	0.0184	0.00000536	15.8	0.0000197	0.000248
2049 Feb	50.2	0.0397	0.00949	0.00107	10.5	0.0291	3.75	0.00107	0.00107	0.00000536	0.00766	0.00116	0.0109	0.0184	0.00000536	15.8	0.0000197	0.000248
2049 Mar	50.3	0.0398	0.0095	0.00107	10.5	0.0292	3.75	0.00107	0.00107	0.00000537	0.00767	0.00116	0.0109	0.0185	0.00000537	15.8	0.0000197	0.000248
2049 Apr	50.4	0.0399	0.00954	0.00108	10.6	0.0293	3.77	0.00108	0.00108	0.00000539	0.00769	0.00116	0.011	0.0185	0.00000539	15.9	0.0000198	0.000249
2049 May	51.3	0.0405	0.0097	0.00109	10.8	0.0297	3.83	0.00109	0.00109	0.00000547	0.00781	0.00118	0.0111	0.0188	0.00000547	16.1	0.0000201	0.000253
2049 Jun	47.4	0.0353	0.00905	0.00103	9.76	0.0271	3.46	0.00103	0.00103	0.00000516	0.00741	0.0011	0.0105	0.0173	0.00000516	14.8	0.0000195	0.000237
2049 Jul	46.5	0.0333	0.00886	0.00103	9.48	0.0267	3.36	0.00103	0.00103	0.00000515	0.00738	0.00108	0.0104	0.0168	0.00000515	14.4	0.0000195	0.000233
2049 Aug	49.1	0.0352	0.00934	0.00109	10	0.0284	3.55	0.00109	0.00109	0.00000544	0.00778	0.00114	0.011	0.0178	0.00000544	15.2	0.0000205	0.000246
2049 Sep	48.8	0.0365	0.00919	0.00108	10	0.0287	3.57	0.00108	0.00108	0.0000054	0.00774	0.00114	0.011	0.0176	0.0000054	15.1	0.0000202	0.000243
2049 Oct	48.3	0.0379	0.00899	0.00107	10	0.0288	3.57	0.00107	0.00107	0.00000533	0.00767	0.00112	0.0109	0.0174	0.00000533	15	0.0000198	0.00024
2049 Nov	48.4	0.0382	0.00898	0.00107	10	0.0289	3.58	0.00107	0.00107	0.00000533	0.00768	0.00112	0.0109	0.0174	0.00000533	15	0.0000198	0.00024
2049 Dec	48.4	0.0383	0.00898	0.00107	10	0.0289	3.58	0.00107	0.00107	0.00000534	0.00768	0.00112	0.0109	0.0174	0.00000534	15	0.0000198	0.00024
2050 Jan	48.4	0.0383	0.00898	0.00107	10	0.0289	3.58	0.00107	0.00107	0.00000534	0.00768	0.00112	0.0109	0.0174	0.00000534	15	0.0000198	0.00024
2050 Feb	48.4	0.0383	0.00898	0.00107	10	0.0289	3.58	0.00107	0.00107	0.00000534	0.00768	0.00112	0.0109	0.0174	0.00000534	15	0.0000198	0.00024
2050 Mar	48.4	0.0383	0.00898	0.00107	10	0.0289	3.58	0.00107	0.00107	0.00000534	0.00768	0.00112	0.0109	0.0174	0.00000534	15	0.0000198	0.00024
2050 Apr	48.5	0.0384	0.00901	0.00107	10.1	0.029	3.59	0.00107	0.00107	0.00000535	0.0077	0.00113	0.0109	0.0175	0.00000535	15.1	0.0000199	0.00024
2050 May	49.2	0.0389	0.00914	0.00108	10.2	0.0293	3.64	0.00108	0.00108	0.00000542	0.0078	0.00114	0.0111	0.0177	0.00000542	15.3	0.0000202	0.000244
2050 Jun	47.5	0.0358	0.00898	0.00104	9.74	0.0274	3.46	0.00104	0.00104	0.00000522	0.00753	0.0011	0.0106	0.0172	0.00000522	14.7	0.0000198	0.000237
2050 Jul	45.4	0.0329	0.00858	0.00102	9.24	0.0265	3.28	0.00102	0.00102	0.00000508	0.0073	0.00106	0.0103	0.0163	0.00000508	14	0.0000193	0.000227
2050 Aug	46.9	0.0338	0.00884	0.00105	9.54	0.0276	3.4	0.00105	0.00105	0.00000526	0.00752	0.0011	0.0106	0.0169	0.00000526	14.5	0.0000198	0.000234
2050 Sep	47.1	0.0348	0.00881	0.00105	9.63	0.028	3.43	0.00105	0.00105	0.00000527	0.00755	0.0011	0.0107	0.0169	0.00000527	14.5	0.0000197	0.000234

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Oct	47.5	0.0354	0.00887	0.00106	9.72	0.0284	3.47	0.00106	0.00106	0.00000532	0.00761	0.00111	0.0108	0.0171	0.00000532	14.7	0.0000198	0.000236
2050 Nov	47.6	0.0355	0.0089	0.00107	9.76	0.0285	3.48	0.00107	0.00107	0.00000534	0.00764	0.00111	0.0108	0.0171	0.00000534	14.7	0.0000199	0.000237
2050 Dec	47.7	0.0356	0.0089	0.00107	9.76	0.0285	3.48	0.00107	0.00107	0.00000534	0.00764	0.00111	0.0108	0.0171	0.00000534	14.7	0.0000199	0.000237
2051 Jan	47.7	0.0356	0.0089	0.00107	9.76	0.0285	3.48	0.00107	0.00107	0.00000534	0.00765	0.00111	0.0108	0.0171	0.00000534	14.7	0.0000199	0.000237
2051 Feb	47.7	0.0356	0.00891	0.00107	9.77	0.0285	3.48	0.00107	0.00107	0.00000534	0.00765	0.00111	0.0108	0.0171	0.00000534	14.7	0.0000199	0.000237
2051 Mar	47.7	0.0356	0.00891	0.00107	9.77	0.0285	3.49	0.00107	0.00107	0.00000534	0.00765	0.00111	0.0108	0.0172	0.00000534	14.7	0.0000199	0.000237
2051 Apr	47.9	0.0357	0.00895	0.00107	9.81	0.0286	3.5	0.00107	0.00107	0.00000536	0.00768	0.00112	0.0109	0.0172	0.00000536	14.8	0.00002	0.000238
2051 May	48.9	0.0365	0.00917	0.00109	10	0.029	3.58	0.00109	0.00109	0.00000544	0.00779	0.00114	0.011	0.0176	0.00000544	15.1	0.0000203	0.000243
2051 Jun	47.1	0.0335	0.00924	0.00101	9.69	0.0257	3.43	0.00101	0.00101	0.00000504	0.00721	0.00109	0.0101	0.0174	0.00000504	14.8	0.0000194	0.000237
2051 Jul	46.9	0.0326	0.0092	0.00102	9.59	0.0257	3.39	0.00102	0.00102	0.00000508	0.00727	0.00109	0.0101	0.0173	0.00000508	14.7	0.0000196	0.000236
2051 Aug	47.6	0.0332	0.00926	0.00103	9.77	0.0267	3.46	0.00103	0.00103	0.00000517	0.00734	0.0011	0.0104	0.0175	0.00000517	14.9	0.0000195	0.000238
2051 Sep	47	0.0348	0.00901	0.00102	9.73	0.0269	3.46	0.00102	0.00102	0.00000509	0.00726	0.00109	0.0103	0.0172	0.00000509	14.7	0.000019	0.000234
2051 Oct	45.6	0.038	0.00845	0.000981	9.56	0.027	3.43	0.000981	0.000981	0.0000049	0.00707	0.00105	0.00999	0.0166	0.0000049	14.3	0.0000181	0.000223
2051 Nov	45.6	0.0385	0.00843	0.000981	9.59	0.0271	3.44	0.000981	0.000981	0.0000049	0.00708	0.00105	0.01	0.0166	0.0000049	14.3	0.0000181	0.000223
2051 Dec	45.6	0.0385	0.00843	0.000981	9.59	0.0271	3.44	0.000981	0.000981	0.00000491	0.00708	0.00105	0.01	0.0166	0.00000491	14.3	0.0000181	0.000223
2052 Jan	45.6	0.0385	0.00843	0.000981	9.6	0.0271	3.44	0.000981	0.000981	0.00000491	0.00708	0.00105	0.01	0.0166	0.00000491	14.3	0.0000181	0.000223
2052 Feb	45.6	0.0385	0.00843	0.000982	9.6	0.0271	3.44	0.000982	0.000982	0.00000491	0.00708	0.00105	0.01	0.0166	0.00000491	14.3	0.0000181	0.000224
2052 Mar	45.7	0.0386	0.00844	0.000983	9.61	0.0272	3.45	0.000983	0.000983	0.00000491	0.00709	0.00105	0.01	0.0167	0.00000491	14.3	0.0000181	0.000224
2052 Apr	45.8	0.0387	0.00846	0.000985	9.63	0.0272	3.45	0.000985	0.000985	0.00000492	0.00711	0.00106	0.01	0.0167	0.00000492	14.3	0.0000181	0.000224
2052 May	46.9	0.0395	0.00876	0.000995	9.9	0.0274	3.55	0.000995	0.000995	0.00000497	0.00717	0.00108	0.0101	0.0172	0.00000497	14.8	0.0000184	0.00023
2052 Jun	48.5	0.0397	0.00941	0.000986	10.3	0.0264	3.67	0.000986	0.000986	0.00000493	0.00709	0.0011	0.00993	0.0183	0.00000493	15.5	0.0000185	0.000239
2052 Jul	48.7	0.039	0.0094	0.001	10.3	0.0272	3.68	0.001	0.001	0.00000502	0.00715	0.00112	0.01	0.0183	0.00000502	15.6	0.0000185	0.000239
2052 Aug	49.7	0.0397	0.00955	0.00103	10.6	0.0281	3.77	0.00103	0.00103	0.00000514	0.00728	0.00114	0.0103	0.0187	0.00000514	15.9	0.0000187	0.000243
2052 Sep	49.6	0.0406	0.00945	0.00103	10.6	0.0284	3.78	0.00103	0.00103	0.00000513	0.00727	0.00114	0.0103	0.0186	0.00000513	15.8	0.0000185	0.000242
2052 Oct	49.6	0.0415	0.0094	0.00103	10.6	0.0287	3.8	0.00103	0.00103	0.00000513	0.00729	0.00114	0.0103	0.0186	0.00000513	15.8	0.0000184	0.000241
2052 Nov	49.8	0.0417	0.00943	0.00103	10.7	0.0288	3.81	0.00103	0.00103	0.00000515	0.00731	0.00115	0.0104	0.0187	0.00000515	15.9	0.0000185	0.000242
2052 Dec	49.8	0.0417	0.00944	0.00103	10.7	0.0288	3.82	0.00103	0.00103	0.00000515	0.00732	0.00115	0.0104	0.0187	0.00000515	15.9	0.0000185	0.000242
2053 Jan	49.8	0.0417	0.00944	0.00103	10.7	0.0288	3.82	0.00103	0.00103	0.00000515	0.00732	0.00115	0.0104	0.0187	0.00000515	15.9	0.0000185	0.000242
2053 Feb	49.9	0.0417	0.00944	0.00103	10.7	0.0288	3.82	0.00103	0.00103	0.00000515	0.00732	0.00115	0.0104	0.0187	0.00000515	15.9	0.0000185	0.000242
2053 Mar	49.9	0.0418	0.00945	0.00103	10.7	0.0288	3.82	0.00103	0.00103	0.00000516	0.00733	0.00115	0.0104	0.0187	0.00000516	15.9	0.0000185	0.000242
2053 Apr	50.1	0.042	0.0095	0.00104	10.7	0.0289	3.84	0.00104	0.00104	0.00000518	0.00736	0.00115	0.0104	0.0188	0.00000518	16	0.0000186	0.000243
2053 May	52.1	0.0434	0.0101	0.00104	11.2	0.0288	4.01	0.00104	0.00104	0.00000521	0.00739	0.00119	0.0104	0.0199	0.00000521	16.8	0.0000189	0.000254
2053 Jun	52.8	0.0427	0.0107	0.000987	11.5	0.0263	4.07	0.000987	0.000987	0.00000494	0.00697	0.00119	0.00974	0.0208	0.00000494	17.4	0.0000183	0.000259
2053 Jul	54.4	0.0436	0.0111	0.00102	11.8	0.0272	4.18	0.00102	0.00102	0.00000512	0.00722	0.00122	0.0101	0.0213	0.00000512	17.9	0.000019	0.000267
2053 Aug	56.7	0.0456	0.0115	0.00107	12.3	0.0286	4.37	0.00107	0.00107	0.00000535	0.00754	0.00128	0.0106	0.0223	0.00000535	18.7	0.0000197	0.000278
2053 Sep	58.5	0.0471	0.0118	0.0011	12.7	0.0296	4.5	0.0011	0.0011	0.00000552	0.00777	0.00132	0.0109	0.0229	0.00000552	19.3	0.0000203	0.000287
2053 Oct	58.9	0.0477	0.0119	0.00111	12.8	0.0299	4.54	0.00111	0.00111	0.00000556	0.00783	0.00133	0.011	0.0231	0.00000556	19.4	0.0000204	0.000288
2053 Nov	58.9	0.048	0.0119	0.00111	12.8	0.0299	4.54	0.00111	0.00111	0.00000556	0.00784	0.00133	0.011	0.0231	0.00000556	19.4	0.0000204	0.000288
2053 Dec	58.9	0.048	0.0119	0.00111	12.8	0.03	4.54	0.00111	0.00111	0.00000556	0.00784	0.00133	0.011	0.0231	0.00000556	19.4	0.0000204	0.000288
2054 Jan	58.9	0.048	0.0119	0.00111	12.8	0.03	4.54	0.00111	0.00111	0.00000556	0.00784	0.00133	0.011	0.0231	0.00000556	19.4	0.0000204	0.000288
2054 Feb	58.9	0.048	0.0119	0.00111	12.8	0.03	4.55	0.00111	0.00111	0.00000556	0.00784	0.00133	0.011	0.0231	0.00000556	19.4	0.0000204	0.000288
2054 Mar	58.9	0.048	0.0119	0.00111	12.8	0.03	4.55	0.00111	0.00111	0.00000556	0.00784	0.00133	0.011	0.0231	0.00000556	19.4	0.0000204	0.000288
2054 Apr	59.2	0.0482	0.0119	0.00112	12.9	0.0301	4.56	0.00112	0.00112	0.00000559	0.00787	0.00133	0.0111	0.0232	0.00000559	19.5	0.0000205	0.000289
2054 May	60.3	0.049	0.0122	0.00113	13.1	0.0304	4.65	0.00113	0.00113	0.00000565	0.00796	0.00135	0.0112	0.0237	0.00000565	19.9	0.0000208	0.000295
2054 Jun	58.3	0.046	0.0121	0.00106	12.7	0.0275	4.48	0.00106	0.00106	0.00000529	0.00745	0.0013	0.0104	0.0232	0.00000529	19.4	0.0000199	0.000287
2054 Jul	56.7	0.0438	0.0118	0.00105	12.3	0.0273	4.34	0.00105	0.00105	0.00000525	0.00736	0.00127	0.0102	0.0225	0.00000525	18.8	0.0000196	0.000279
2054 Aug	57.1	0.0443	0.0118	0.00106	12.4	0.0281	4.39	0.00106	0.00106	0.00000532	0.00743	0.00129	0.0104	0.0226	0.00000532	19	0.0000196	0.000281
2054 Sep	57.3	0.045	0.0117	0.00107	12.5	0.0286	4.41	0.00107	0.00107	0.00000535	0.00745	0.00129	0.0106	0.0226	0.00000535	19	0.0000194	0.000281
2054 Oct	56.7	0.0458	0.0115	0.00106	12.4	0.0287	4.39	0.00106	0.00106	0.0000053	0.00741	0.00128	0.0105	0.0223	0.0000053	18.8	0.0000192	0.000277
2054 Nov	56.5	0.0461	0.0114	0.00106	12.4	0.0287	4.38	0.00106	0.00106	0.00000528	0.0074	0.00127	0.0105	0.0223	0.00000528	18.7	0.0000191	0.000276
2054 Dec	56.6	0.0462	0.0115	0.00106	12.4	0.0287	4.39	0.00106	0.00106	0.00000528	0.0074	0.00127	0.0105	0.0223	0.00000528	18.7	0.0000191	0.000276
2055 Jan	56.6	0.0462	0.0115	0.00106	12.4	0.0287	4.39	0.00106	0.00106	0.00000528	0.0074	0.00127	0.0105	0.0223	0.00000528	18.7	0.0000191	0.000276
2055 Feb	56.6	0.0462	0.0115	0.00106	12.4	0.0287	4.39	0.00106	0.00106	0.00000528	0.0074	0.00127	0.0105	0.0223	0.00000528	18.7	0.0000191	0.000276
2055 Mar	56.6	0.0462	0.0115	0.00106	12.4	0.0287	4.39	0.00106	0.00106	0.00000529	0.00741	0.00127	0.0105	0.0223	0.00000529	18.7	0.0000191	0.000276
2055 Apr	56.8	0.0463	0.0115	0.00106	12.4	0.0288	4.4	0.00106	0.00106	0.0000053	0.00743	0.00128	0.0105	0.0223	0.0000053	18.8	0.0000192	0.000277
2055 May	57.5	0.047	0.0116	0.00107	12.6	0.0292	4.46	0.00107	0.00107	0.00000537	0.00753	0.00129	0.0107	0.0226	0.00000537	19	0.0000194	0.000281
2055 Jun	52.1	0.0399	0.0105	0.00102	11.1	0.0267	3.93	0.00102	0.00102	0.00000509	0.00719	0.00118	0.0101	0.0201	0.00000509	16.9	0.000019	0.000258
2055 Jul	51	0.0378	0.0103	0.00102	10.8	0.0264	3.81	0.00102	0.00102	0.0000051	0.00721	0.00116	0.0101	0.0195	0.0000051	16.5	0.0000192	0.000253
2055 Aug	52.8	0.0391	0.0106	0.00106	11.2	0.0276	3.95	0.00106	0.00106	0.00000529	0.00746	0.00121	0.0105	0.0202	0.00000529	17.1	0.0000198	0.000262
2055 Sep	52.9	0.0398	0.0105	0.00106	11.2	0.0281	3.97	0.00106	0.00106	0.0000053	0.00747	0.00121	0.0106	0.0202	0.0000053	17.1	0.0000196	0.000261
2055 Oct	53.1	0.0405	0.0106	0.00107	11.3	0.0283	4	0.00107	0.00107	0.00000533	0.00751	0.00121	0.0106	0.0203	0.00000533	17.2	0.0000196	0.000262
2055 Nov	53.2	0.0407	0.0106	0.00107	11.3	0.0284	4.01	0.00107	0.00107	0.00000534	0.00753	0.00121	0.0107	0.0203	0.00000534	17.2	0.0000197	0.000263
2055 Dec	53.2	0.0407	0.0106	0.00107	11.3	0.0284	4.01	0.00107	0.00107	0.00000534	0.00753	0.00121	0.0107	0.0203	0.00000534	17.2	0.0000197	0.000263
2056 Jan	53.2	0.0407	0.0106	0.00107	11.3	0.0284	4.01	0.00107	0.00107	0.00000534	0.00753	0.00121	0.0107	0.0203	0.00000534	17.2	0.0000197	0.000263
2056 Feb	53.2	0.0407	0.0106	0.00107	11.3	0.0284	4.01	0.00107	0.00107	0.00000534	0.00753	0.00122	0.0107	0.0203	0.00000534	17.2	0.0000197	0.000263
2056 Mar	53.3	0.0407	0.0106	0.00107	11.3	0.0284	4.01	0.00107	0.00107	0.00000534	0.00753	0.00122	0.0107	0.0203	0.00000534	17.2	0.0000197	0.000263
2056 Apr	53.5	0.0409	0.0106	0.00107	11.4	0.0285	4.03	0.00107	0.00107	0.00000536	0.00756	0.00122	0.0107	0.0204	0.00000536	17.3	0.0000198	0.000264

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 May	55	0.0421	0.0111	0.00108	11.8	0.0286	4.16	0.00108	0.00108	0.00000541	0.00761	0.00125	0.0108	0.0212	0.00000541	17.9	0.00002	0.000272
2056 Jun	55.3	0.0418	0.0116	0.00102	12	0.0262	4.21	0.00102	0.00102	0.0000051	0.00716	0.00124	0.01	0.022	0.0000051	18.4	0.0000193	0.000275
2056 Jul	57.3	0.043	0.012	0.00107	12.4	0.0273	4.35	0.00107	0.00107	0.00000533	0.00746	0.00129	0.0104	0.0227	0.00000533	19	0.00002	0.000284
2056 Aug	58.4	0.0437	0.0121	0.00109	12.6	0.0283	4.45	0.00109	0.00109	0.00000546	0.00761	0.00132	0.0107	0.0231	0.00000546	19.4	0.0000203	0.000289
2056 Sep	59.6	0.0451	0.0123	0.00111	12.9	0.0291	4.55	0.00111	0.00111	0.00000557	0.00778	0.00134	0.0109	0.0236	0.00000557	19.7	0.0000206	0.000294
2056 Oct	58.8	0.046	0.0121	0.0011	12.8	0.0291	4.51	0.0011	0.0011	0.00000551	0.00771	0.00132	0.0108	0.0232	0.00000551	19.5	0.0000203	0.000289
2056 Nov	58.8	0.0462	0.012	0.0011	12.8	0.0292	4.51	0.0011	0.0011	0.0000055	0.00771	0.00132	0.0108	0.0232	0.0000055	19.4	0.0000203	0.000289
2056 Dec	58.8	0.0463	0.012	0.0011	12.8	0.0292	4.51	0.0011	0.0011	0.0000055	0.00771	0.00132	0.0108	0.0232	0.0000055	19.4	0.0000203	0.000289
2057 Jan	58.8	0.0463	0.012	0.0011	12.8	0.0292	4.51	0.0011	0.0011	0.0000055	0.00771	0.00132	0.0109	0.0232	0.0000055	19.4	0.0000203	0.000289
2057 Feb	58.8	0.0463	0.012	0.0011	12.8	0.0292	4.52	0.0011	0.0011	0.0000055	0.00771	0.00132	0.0109	0.0232	0.0000055	19.4	0.0000203	0.000289
2057 Mar	58.9	0.0463	0.0121	0.0011	12.8	0.0292	4.52	0.0011	0.0011	0.00000551	0.00772	0.00132	0.0109	0.0232	0.00000551	19.5	0.0000203	0.000289
2057 Apr	59.1	0.0465	0.0121	0.00111	12.9	0.0293	4.54	0.00111	0.00111	0.00000553	0.00775	0.00133	0.0109	0.0233	0.00000553	19.5	0.0000204	0.00029
2057 May	60.3	0.0474	0.0124	0.00112	13.1	0.0297	4.63	0.00112	0.00112	0.00000562	0.00787	0.00135	0.0111	0.0238	0.00000562	20	0.0000207	0.000296
2057 Jun	57.2	0.0433	0.012	0.00105	12.4	0.027	4.35	0.00105	0.00105	0.00000527	0.00741	0.00128	0.0103	0.0227	0.00000527	19	0.0000199	0.000283
2057 Jul	57.8	0.0433	0.0121	0.00108	12.5	0.0276	4.38	0.00108	0.00108	0.0000054	0.00758	0.0013	0.0106	0.0229	0.0000054	19.1	0.0000204	0.000287
2057 Aug	61.6	0.0461	0.0128	0.00115	13.3	0.0295	4.67	0.00115	0.00115	0.00000576	0.00808	0.00138	0.0113	0.0244	0.00000576	20.4	0.0000217	0.000306
2057 Sep	62.8	0.0473	0.0131	0.00117	13.6	0.0302	4.77	0.00117	0.00117	0.00000587	0.00824	0.00141	0.0115	0.0248	0.00000587	20.8	0.0000221	0.000311
2057 Oct	62.6	0.0479	0.013	0.00117	13.5	0.0303	4.77	0.00117	0.00117	0.00000586	0.00823	0.00141	0.0115	0.0247	0.00000586	20.7	0.000022	0.00031
2057 Nov	62.7	0.0481	0.013	0.00117	13.6	0.0304	4.78	0.00117	0.00117	0.00000587	0.00825	0.00141	0.0115	0.0248	0.00000587	20.7	0.000022	0.00031
2057 Dec	62.8	0.0481	0.013	0.00117	13.6	0.0304	4.78	0.00117	0.00117	0.00000587	0.00825	0.00141	0.0115	0.0248	0.00000587	20.7	0.000022	0.00031
2058 Jan	62.8	0.0481	0.013	0.00117	13.6	0.0304	4.78	0.00117	0.00117	0.00000587	0.00825	0.00141	0.0115	0.0248	0.00000587	20.7	0.000022	0.00031
2058 Feb	62.8	0.0481	0.013	0.00117	13.6	0.0304	4.78	0.00117	0.00117	0.00000587	0.00825	0.00141	0.0115	0.0248	0.00000587	20.8	0.000022	0.00031
2058 Mar	62.8	0.0481	0.013	0.00117	13.6	0.0304	4.78	0.00117	0.00117	0.00000587	0.00826	0.00141	0.0115	0.0248	0.00000587	20.8	0.0000221	0.000311
2058 Apr	63	0.0482	0.013	0.00118	13.6	0.0305	4.79	0.00118	0.00118	0.00000589	0.00828	0.00141	0.0116	0.0248	0.00000589	20.8	0.0000221	0.000311
2058 May	64.5	0.0494	0.0135	0.00118	14	0.0304	4.93	0.00118	0.00118	0.00000591	0.00829	0.00144	0.0116	0.0257	0.00000591	21.5	0.0000223	0.000319
2058 Jun	61.8	0.0467	0.0134	0.00106	13.6	0.0263	4.74	0.00106	0.00106	0.0000053	0.00741	0.00136	0.0102	0.0253	0.0000053	21	0.0000204	0.000307
2058 Jul	62.9	0.0471	0.0136	0.00109	13.8	0.0269	4.81	0.00109	0.00109	0.00000543	0.0076	0.00139	0.0105	0.0257	0.00000543	21.3	0.000021	0.000313
2058 Aug	65.1	0.0487	0.0141	0.00113	14.3	0.0282	4.99	0.00113	0.00113	0.00000565	0.00787	0.00144	0.0109	0.0266	0.00000565	22	0.0000216	0.000323
2058 Sep	64.8	0.0498	0.0139	0.00113	14.2	0.0285	4.99	0.00113	0.00113	0.00000564	0.00788	0.00143	0.0109	0.0264	0.00000564	21.9	0.0000214	0.000321
2058 Oct	64.4	0.0507	0.0137	0.00112	14.2	0.0287	4.98	0.00112	0.00112	0.00000561	0.00787	0.00142	0.0109	0.0262	0.00000561	21.8	0.0000213	0.000318
2058 Nov	64.6	0.0509	0.0138	0.00112	14.2	0.0288	4.99	0.00112	0.00112	0.00000562	0.00789	0.00143	0.0109	0.0262	0.00000562	21.8	0.0000213	0.000319
2058 Dec	64.6	0.051	0.0138	0.00113	14.2	0.0288	4.99	0.00113	0.00113	0.00000563	0.00789	0.00143	0.0109	0.0262	0.00000563	21.8	0.0000213	0.000319
2059 Jan	64.6	0.051	0.0138	0.00113	14.2	0.0288	4.99	0.00113	0.00113	0.00000563	0.00789	0.00143	0.0109	0.0262	0.00000563	21.8	0.0000213	0.000319
2059 Feb	64.6	0.051	0.0138	0.00113	14.2	0.0289	4.99	0.00113	0.00113	0.00000563	0.00789	0.00143	0.0109	0.0262	0.00000563	21.8	0.0000213	0.000319
2059 Mar	64.6	0.051	0.0138	0.00113	14.2	0.0289	4.99	0.00113	0.00113	0.00000563	0.00789	0.00143	0.0109	0.0262	0.00000563	21.8	0.0000213	0.000319
2059 Apr	64.8	0.0511	0.0138	0.00113	14.3	0.0289	5.01	0.00113	0.00113	0.00000564	0.00792	0.00143	0.0109	0.0263	0.00000564	21.9	0.0000214	0.00032
2059 May	66	0.0521	0.0141	0.00114	14.6	0.0291	5.11	0.00114	0.00114	0.0000057	0.00799	0.00146	0.011	0.0269	0.0000057	22.4	0.0000216	0.000326
2059 Jun	66.7	0.0521	0.0145	0.00112	14.8	0.028	5.17	0.00112	0.00112	0.00000558	0.0078	0.00146	0.0107	0.0275	0.00000558	22.8	0.0000214	0.00033
2059 Jul	70.8	0.0551	0.0154	0.00119	15.7	0.0297	5.48	0.00119	0.00119	0.00000594	0.0083	0.00155	0.0114	0.0292	0.00000594	24.2	0.0000228	0.000351
2059 Aug	74.4	0.0579	0.0162	0.00125	16.5	0.0314	5.76	0.00125	0.00125	0.00000625	0.00873	0.00163	0.012	0.0306	0.00000625	25.4	0.0000239	0.000368
2059 Sep	75	0.0592	0.0162	0.00126	16.6	0.032	5.82	0.00126	0.00126	0.00000631	0.00883	0.00164	0.0122	0.0308	0.00000631	25.6	0.0000241	0.00037
2059 Oct	71	0.0597	0.0151	0.0012	15.8	0.0315	5.57	0.0012	0.0012	0.00000601	0.00849	0.00156	0.0117	0.029	0.00000601	24.1	0.0000227	0.000348
2059 Nov	70.8	0.06	0.015	0.0012	15.8	0.0315	5.56	0.0012	0.0012	0.000006	0.00848	0.00155	0.0117	0.0289	0.000006	24	0.0000226	0.000347
2059 Dec	70.8	0.0601	0.015	0.0012	15.8	0.0316	5.57	0.0012	0.0012	0.000006	0.00848	0.00155	0.0117	0.0289	0.000006	24	0.0000226	0.000347
2060 Jan	70.8	0.0601	0.015	0.0012	15.8	0.0316	5.57	0.0012	0.0012	0.000006	0.00848	0.00155	0.0117	0.0289	0.000006	24.1	0.0000227	0.000347
2060 Feb	70.8	0.0601	0.015	0.0012	15.8	0.0316	5.57	0.0012	0.0012	0.000006	0.00848	0.00155	0.0117	0.0289	0.000006	24.1	0.0000227	0.000347
2060 Mar	70.8	0.0601	0.015	0.0012	15.8	0.0316	5.57	0.0012	0.0012	0.000006	0.00849	0.00155	0.0117	0.0289	0.000006	24.1	0.0000227	0.000347
2060 Apr	71.1	0.0603	0.015	0.00121	15.9	0.0317	5.59	0.00121	0.00121	0.00000603	0.00852	0.00156	0.0117	0.029	0.00000603	24.2	0.0000228	0.000348
2060 May	72.4	0.061	0.0155	0.0012	16.2	0.0312	5.7	0.0012	0.0012	0.000006	0.00846	0.00158	0.0116	0.0298	0.000006	24.7	0.0000228	0.000355
2060 Jun	70.4	0.0582	0.0154	0.00113	15.8	0.0287	5.54	0.00113	0.00113	0.00000565	0.00794	0.00153	0.0108	0.0294	0.00000565	24.3	0.0000218	0.000347
2060 Jul	74.2	0.0611	0.0162	0.0012	16.7	0.0304	5.83	0.0012	0.0012	0.00000599	0.00841	0.00161	0.0115	0.0309	0.00000599	25.6	0.000023	0.000366
2060 Aug	75.6	0.0623	0.0165	0.00123	17	0.0315	5.95	0.00123	0.00123	0.00000613	0.00859	0.00164	0.0118	0.0315	0.00000613	26	0.0000233	0.000372
2060 Sep	72.3	0.0609	0.0155	0.00119	16.3	0.0314	5.72	0.00119	0.00119	0.00000593	0.00827	0.00158	0.0116	0.0299	0.00000593	24.8	0.0000219	0.000354
2060 Oct	71.5	0.0616	0.0152	0.00118	16.2	0.0315	5.68	0.00118	0.00118	0.00000588	0.00823	0.00156	0.0115	0.0295	0.00000588	24.5	0.0000217	0.000349
2060 Nov	71.1	0.0618	0.0151	0.00117	16.1	0.0314	5.65	0.00117	0.00117	0.00000585	0.0082	0.00155	0.0115	0.0293	0.00000585	24.4	0.0000216	0.000347
2060 Dec	71.1	0.0618	0.0151	0.00117	16.1	0.0315	5.66	0.00117	0.00117	0.00000585	0.0082	0.00155	0.0115	0.0293	0.00000585	24.4	0.0000216	0.000347
2061 Jan	71.1	0.0618	0.0151	0.00117	16.1	0.0315	5.66	0.00117	0.00117	0.00000585	0.0082	0.00155	0.0115	0.0293	0.00000585	24.4	0.0000216	0.000347
2061 Feb	71.1	0.0618	0.0151	0.00117	16.1	0.0315	5.66	0.00117	0.00117	0.00000585	0.0082	0.00155	0.0115	0.0293	0.00000585	24.4	0.0000216	0.000347
2061 Mar	71.1	0.0618	0.0151	0.00117	16.1	0.0315	5.66	0.00117	0.00117	0.00000585	0.0082	0.00155	0.0115	0.0293	0.00000585	24.4	0.0000216	0.000347
2061 Apr	71.4	0.062	0.0151	0.00117	16.1	0.0316	5.68	0.00117	0.00117	0.00000587	0.00824	0.00156	0.0115	0.0294	0.00000587	24.5	0.0000217	0.000348
2061 May	72.7	0.0627	0.0156	0.00117	16.5	0.0311	5.79	0.00117	0.00117	0.00000585	0.00819	0.00158	0.0114	0.0302	0.00000585	25.1	0.0000217	0.000355
2061 Jun	68.6	0.0577	0.015	0.00108	15.6	0.0277	5.45	0.00108	0.00108	0.00000538	0.0075	0.00148	0.0104	0.0288	0.00000538	23.8	0.0000203	0.000337
2061 Jul	71.9	0.0601	0.0157	0.00113	16.3	0.0293	5.7	0.00113	0.00113	0.00000567	0.00791	0.00155	0.0109	0.0301	0.00000567	24.9	0.0000214	0.000353
2061 Aug	75.3	0.0629	0.0165	0.00119	17.1	0.0309	5.97	0.00119	0.00119	0.00000596	0.0083	0.00163	0.0115	0.0316	0.00000596	26.1	0.0000224	0.00037
2061 Sep	75.9	0.0639	0.0165	0.0012	17.2	0.0314	6.03	0.0012	0.0012	0.00000602	0.00838	0.00164	0.0116	0.0318	0.00000602	26.3	0.0000225	0.000372
2061 Oct	72.9	0.0638	0.0157	0.00116	16.6	0.031	5.83	0.00116	0.00116	0.00000581	0.00815	0.00158	0.0113	0.0303	0.00000581	25.2	0.0000216	0.000355
2061 Nov	72.1	0.0639	0.0154	0.00115	16.4	0.0309	5.77	0.00115	0.00115	0.00000576	0.00809	0.00156	0.0112	0.03	0.00000576	24.9	0.0000214	0.000351

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Dec	72.1	0.0639	0.0154	0.00115	16.4	0.0309	5.78	0.00115	0.00115	0.00000576	0.0081	0.00156	0.0112	0.03	0.00000576	24.9	0.0000214	0.000351
2062 Jan	72.1	0.0639	0.0154	0.00115	16.4	0.0309	5.78	0.00115	0.00115	0.00000576	0.0081	0.00156	0.0112	0.03	0.00000576	24.9	0.0000214	0.000351
2062 Feb	72.1	0.0639	0.0154	0.00115	16.4	0.0309	5.78	0.00115	0.00115	0.00000576	0.0081	0.00156	0.0112	0.03	0.00000576	24.9	0.0000214	0.000351
2062 Mar	72.2	0.064	0.0154	0.00115	16.4	0.031	5.78	0.00115	0.00115	0.00000577	0.00811	0.00156	0.0112	0.03	0.00000577	24.9	0.0000214	0.000351
2062 Apr	72.5	0.0643	0.0155	0.00116	16.5	0.0311	5.81	0.00116	0.00116	0.00000579	0.00814	0.00157	0.0113	0.0301	0.00000579	25	0.0000215	0.000353
2062 May	73.3	0.065	0.0157	0.00117	16.7	0.0315	5.87	0.00117	0.00117	0.00000586	0.00823	0.00159	0.0114	0.0305	0.00000586	25.3	0.0000217	0.000357
2062 Jun	66.7	0.0566	0.0142	0.00111	14.9	0.0291	5.24	0.00111	0.00111	0.00000557	0.00788	0.00145	0.0109	0.0273	0.00000557	22.7	0.0000211	0.000327
2062 Jul	63.9	0.0526	0.0135	0.0011	14.1	0.0285	4.97	0.0011	0.0011	0.00000552	0.00781	0.0014	0.0108	0.0259	0.00000552	21.6	0.0000211	0.000315
2062 Aug	63.9	0.0525	0.0135	0.00111	14.2	0.0293	4.99	0.00111	0.00111	0.00000557	0.00783	0.00141	0.0109	0.0259	0.00000557	21.6	0.0000208	0.000314
2062 Sep	63	0.0532	0.0131	0.0011	14	0.0295	4.94	0.0011	0.0011	0.00000551	0.00776	0.00139	0.0109	0.0254	0.00000551	21.2	0.0000204	0.000308
2062 Oct	59.8	0.0542	0.0122	0.00105	13.4	0.0292	4.75	0.00105	0.00105	0.00000526	0.00749	0.00132	0.0105	0.0239	0.00000526	20.1	0.0000193	0.00029
2062 Nov	59.9	0.0546	0.0121	0.00105	13.4	0.0293	4.76	0.00105	0.00105	0.00000527	0.0075	0.00132	0.0105	0.0239	0.00000527	20.1	0.0000193	0.00029
2062 Dec	59.9	0.0546	0.0121	0.00105	13.4	0.0293	4.76	0.00105	0.00105	0.00000527	0.00751	0.00132	0.0105	0.0239	0.00000527	20.1	0.0000193	0.00029
2063 Jan	59.9	0.0546	0.0121	0.00105	13.4	0.0293	4.77	0.00105	0.00105	0.00000527	0.00751	0.00132	0.0105	0.024	0.00000527	20.1	0.0000193	0.00029
2063 Feb	59.9	0.0546	0.0121	0.00105	13.4	0.0293	4.77	0.00105	0.00105	0.00000527	0.00751	0.00132	0.0105	0.024	0.00000527	20.1	0.0000193	0.00029
2063 Mar	60	0.0547	0.0121	0.00105	13.4	0.0293	4.77	0.00105	0.00105	0.00000527	0.00751	0.00132	0.0105	0.024	0.00000527	20.1	0.0000193	0.000291
2063 Apr	60.1	0.0548	0.0122	0.00106	13.5	0.0294	4.78	0.00106	0.00106	0.00000529	0.00753	0.00133	0.0105	0.024	0.00000529	20.2	0.0000193	0.000291
2063 May	61.3	0.0556	0.0125	0.00106	13.8	0.0294	4.88	0.00106	0.00106	0.00000532	0.00757	0.00135	0.0106	0.0246	0.00000532	20.7	0.0000195	0.000297
2063 Jun	57	0.0485	0.0121	0.000951	12.7	0.0248	4.48	0.000951	0.000951	0.00000476	0.00674	0.00124	0.00927	0.0233	0.00000476	19.4	0.0000181	0.00028
2063 Jul	56.1	0.0469	0.0119	0.000954	12.5	0.0247	4.38	0.000954	0.000954	0.00000477	0.00676	0.00123	0.0093	0.0229	0.00000477	19	0.0000182	0.000276
2063 Aug	58.7	0.049	0.0125	0.001	13.1	0.0261	4.59	0.001	0.001	0.00000501	0.00708	0.00129	0.00976	0.0239	0.00000501	19.9	0.000019	0.000289
2063 Sep	59	0.0498	0.0124	0.00101	13.1	0.0267	4.62	0.00101	0.00101	0.00000505	0.00713	0.00129	0.00991	0.0239	0.00000505	20	0.0000189	0.000289
2063 Oct	58.1	0.0504	0.0121	0.000997	13	0.0267	4.58	0.000997	0.000997	0.00000498	0.00706	0.00127	0.00982	0.0235	0.00000498	19.6	0.0000186	0.000284
2063 Nov	58.1	0.0506	0.0121	0.000997	13	0.0268	4.58	0.000997	0.000997	0.00000499	0.00707	0.00127	0.00983	0.0235	0.00000499	19.6	0.0000186	0.000284
2063 Dec	58.1	0.0507	0.0121	0.000998	13	0.0268	4.58	0.000998	0.000998	0.00000499	0.00707	0.00127	0.00983	0.0235	0.00000499	19.6	0.0000186	0.000284
2064 Jan	58.1	0.0507	0.0121	0.000998	13	0.0268	4.58	0.000998	0.000998	0.00000499	0.00708	0.00127	0.00984	0.0235	0.00000499	19.6	0.0000186	0.000284
2064 Feb	58.1	0.0507	0.0121	0.000998	13	0.0268	4.58	0.000998	0.000998	0.00000499	0.00708	0.00127	0.00984	0.0235	0.00000499	19.6	0.0000186	0.000284
2064 Mar	58.2	0.0507	0.0121	0.000999	13	0.0268	4.59	0.000999	0.000999	0.000005	0.00709	0.00128	0.00985	0.0235	0.000005	19.7	0.0000187	0.000284
2064 Apr	58.3	0.0509	0.0121	0.001	13	0.0269	4.6	0.001	0.001	0.00000501	0.0071	0.00128	0.00987	0.0236	0.00000501	19.7	0.0000187	0.000285
2064 May	59.8	0.0517	0.0126	0.001	13.4	0.0266	4.72	0.001	0.001	0.00000502	0.0071	0.00131	0.00983	0.0244	0.00000502	20.3	0.0000188	0.000293
2064 Jun	58.9	0.0493	0.0129	0.000938	13.3	0.0239	4.65	0.000938	0.000938	0.00000469	0.0066	0.00127	0.00903	0.0246	0.00000469	20.4	0.000018	0.00029
2064 Jul	60.6	0.0503	0.0132	0.000975	13.6	0.0249	4.77	0.000975	0.000975	0.00000488	0.00684	0.00131	0.00937	0.0252	0.00000488	20.9	0.0000186	0.000298
2064 Aug	61.3	0.0507	0.0133	0.000996	13.8	0.0258	4.84	0.000996	0.000996	0.00000498	0.00694	0.00134	0.00957	0.0255	0.00000498	21.1	0.0000187	0.000301
2064 Sep	60.1	0.0509	0.0129	0.000985	13.6	0.0262	4.77	0.000985	0.000985	0.00000492	0.00686	0.00131	0.00958	0.0249	0.00000492	20.7	0.0000181	0.000294
2064 Oct	60.3	0.0518	0.0129	0.000989	13.6	0.0265	4.8	0.000989	0.000989	0.00000495	0.00691	0.00132	0.00964	0.0249	0.00000495	20.7	0.0000182	0.000294
2064 Nov	60.5	0.052	0.0129	0.000993	13.7	0.0266	4.81	0.000993	0.000993	0.00000496	0.00693	0.00132	0.00967	0.025	0.00000496	20.8	0.0000183	0.000295
2064 Dec	60.5	0.052	0.0129	0.000993	13.7	0.0266	4.82	0.000993	0.000993	0.00000497	0.00693	0.00132	0.00968	0.025	0.00000497	20.8	0.0000183	0.000295
2065 Jan	60.5	0.052	0.0129	0.000993	13.7	0.0266	4.82	0.000993	0.000993	0.00000497	0.00694	0.00132	0.00968	0.025	0.00000497	20.8	0.0000183	0.000295
2065 Feb	60.6	0.052	0.0129	0.000993	13.7	0.0266	4.82	0.000993	0.000993	0.00000497	0.00694	0.00132	0.00968	0.025	0.00000497	20.8	0.0000183	0.000295
2065 Mar	60.6	0.0521	0.0129	0.000995	13.7	0.0267	4.82	0.000995	0.000995	0.00000497	0.00695	0.00132	0.00969	0.025	0.00000497	20.8	0.0000183	0.000296
2065 Apr	60.9	0.0523	0.013	0.000999	13.8	0.0268	4.85	0.000999	0.000999	0.000005	0.00698	0.00133	0.00974	0.0252	0.000005	20.9	0.0000184	0.000297
2065 May	62.5	0.0534	0.0134	0.00101	14.2	0.0268	4.98	0.00101	0.00101	0.00000505	0.00704	0.00136	0.00979	0.026	0.00000505	21.6	0.0000187	0.000305
2065 Jun	60.5	0.0502	0.0133	0.000958	13.7	0.0246	4.79	0.000958	0.000958	0.00000479	0.00668	0.00131	0.00921	0.0254	0.00000479	21	0.0000181	0.000297
2065 Jul	63.3	0.052	0.0138	0.00101	14.3	0.0259	4.99	0.00101	0.00101	0.00000506	0.00705	0.00137	0.00972	0.0264	0.00000506	21.9	0.0000191	0.000311
2065 Aug	66.1	0.0543	0.0144	0.00106	14.9	0.0274	5.22	0.00106	0.00106	0.0000053	0.00737	0.00144	0.0102	0.0276	0.0000053	22.8	0.0000199	0.000325
2065 Sep	64.1	0.0548	0.0138	0.00104	14.5	0.0275	5.1	0.00104	0.00104	0.00000518	0.00724	0.00139	0.0101	0.0266	0.00000518	22.1	0.0000192	0.000313
2065 Oct	60.5	0.056	0.0126	0.000988	13.8	0.0274	4.88	0.000988	0.000988	0.00000494	0.007	0.00131	0.00973	0.0248	0.00000494	20.7	0.0000181	0.000292
2065 Nov	60.2	0.0566	0.0125	0.000986	13.7	0.0275	4.87	0.000986	0.000986	0.00000493	0.007	0.00131	0.00973	0.0247	0.00000493	20.6	0.000018	0.00029
2065 Dec	60.2	0.0566	0.0125	0.000986	13.7	0.0275	4.87	0.000986	0.000986	0.00000493	0.007	0.00131	0.00973	0.0247	0.00000493	20.6	0.000018	0.00029
2066 Jan	60.2	0.0566	0.0125	0.000986	13.7	0.0275	4.87	0.000986	0.000986	0.00000493	0.007	0.00131	0.00973	0.0247	0.00000493	20.6	0.000018	0.00029
2066 Feb	60.2	0.0567	0.0125	0.000987	13.7	0.0276	4.87	0.000987	0.000987	0.00000493	0.007	0.00131	0.00974	0.0247	0.00000493	20.6	0.000018	0.000291
2066 Mar	60.4	0.0568	0.0125	0.000989	13.8	0.0276	4.88	0.000989	0.000989	0.00000494	0.00702	0.00131	0.00976	0.0248	0.00000494	20.7	0.0000181	0.000291
2066 Apr	60.5	0.0569	0.0126	0.000992	13.8	0.0277	4.89	0.000992	0.000992	0.00000496	0.00704	0.00132	0.00979	0.0248	0.00000496	20.7	0.0000181	0.000292
2066 May	61.3	0.0576	0.0127	0.001	14	0.028	4.96	0.001	0.001	0.00000502	0.00712	0.00133	0.00989	0.0252	0.00000502	21	0.0000183	0.000296
2066 Jun	57	0.0505	0.012	0.000948	12.8	0.0253	4.52	0.000948	0.000948	0.00000474	0.00674	0.00124	0.00929	0.0233	0.00000474	19.4	0.0000179	0.000279
2066 Jul	59.2	0.0515	0.0125	0.001	13.2	0.0266	4.67	0.001	0.001	0.00000501	0.00712	0.00129	0.00981	0.0241	0.00000501	20.1	0.0000189	0.00029
2066 Aug	61.9	0.0537	0.013	0.00105	13.8	0.028	4.89	0.00105	0.00105	0.00000526	0.00744	0.00136	0.0103	0.0252	0.00000526	21	0.0000197	0.000302
2066 Sep	62	0.0549	0.0129	0.00106	13.9	0.0285	4.91	0.00106	0.00106	0.00000528	0.00749	0.00136	0.0104	0.0251	0.00000528	21	0.0000197	0.000302
2066 Oct	60.7	0.0558	0.0125	0.00104	13.7	0.0286	4.85	0.00104	0.00104	0.00000519	0.00741	0.00133	0.0103	0.0245	0.00000519	20.5	0.0000192	0.000294
2066 Nov	60.5	0.0561	0.0124	0.00104	13.6	0.0287	4.84	0.00104	0.00104	0.00000518	0.0074	0.00133	0.0103	0.0244	0.00000518	20.5	0.0000192	0.000293
2066 Dec	60.6	0.0561	0.0124	0.00104	13.6	0.0287	4.84	0.00104	0.00104	0.00000518	0.00741	0.00133	0.0103	0.0244	0.00000518	20.5	0.0000192	0.000293
2067 Jan	60.6	0.0561	0.0124	0.00104	13.6	0.0287	4.84	0.00104	0.00104	0.00000518	0.00741	0.00133	0.0103	0.0245	0.00000518	20.5	0.0000192	0.000293
2067 Feb	60.6	0.0561	0.0124	0.00104	13.6	0.0287	4.84	0.00104	0.00104	0.00000519	0.00741	0.00133	0.0103	0.0245	0.00000519	20.5	0.0000192	0.000294
2067 Mar	60.7	0.0562	0.0124	0.00104	13.7	0.0287	4.85	0.00104	0.00104	0.00000519	0.00742	0.00133	0.0103	0.0245	0.00000519	20.5	0.0000192	0.000294
2067 Apr	60.8	0.0563	0.0125	0.00104	13.7	0.0288	4.86	0.00104	0.00104	0.00000521	0.00744	0.00133	0.0103	0.0245	0.00000521	20.6	0.0000193	0.000295
2067 May	62.5	0.0575	0.0129	0.00105	14.1	0.0289	5	0.00105	0.00105	0.00000527	0.00752	0.00137	0.0104	0.0254	0.00000527	21.2	0.0000196	0.000303
2067 Jun	61.8	0.055	0.0131	0.00101	14	0.0269	4.92	0.00101	0.00101	0.00000505	0.00718	0.00134	0.00985	0.0255	0.00000505	21.2	0.0000191	0.000302

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 Jul	65.1	0.0575	0.0138	0.00107	14.7	0.0285	5.17	0.00107	0.00107	0.00000536	0.0076	0.00142	0.0104	0.0268	0.00000536	22.3	0.0000202	0.000318
2067 Aug	66.3	0.0582	0.014	0.0011	14.9	0.0296	5.28	0.0011	0.0011	0.00000551	0.00777	0.00145	0.0107	0.0272	0.00000551	22.7	0.0000205	0.000322
2067 Sep	66.5	0.0591	0.0139	0.00111	15	0.0302	5.31	0.00111	0.00111	0.00000555	0.00782	0.00146	0.0108	0.0273	0.00000555	22.7	0.0000204	0.000322
2067 Oct	64.4	0.0595	0.0133	0.00108	14.6	0.03	5.18	0.00108	0.00108	0.0000054	0.00766	0.00141	0.0106	0.0263	0.0000054	22	0.0000198	0.000311
2067 Nov	64.2	0.0599	0.0132	0.00108	14.6	0.0301	5.17	0.00108	0.00108	0.00000539	0.00765	0.0014	0.0106	0.0261	0.00000539	21.8	0.0000197	0.000309
2067 Dec	64.2	0.06	0.0132	0.00108	14.6	0.0301	5.17	0.00108	0.00108	0.00000539	0.00766	0.00141	0.0106	0.0262	0.00000539	21.9	0.0000197	0.000309
2068 Jan	64.2	0.06	0.0132	0.00108	14.6	0.0301	5.17	0.00108	0.00108	0.00000539	0.00766	0.00141	0.0106	0.0262	0.00000539	21.9	0.0000197	0.000309
2068 Feb	64.2	0.06	0.0132	0.00108	14.6	0.0301	5.18	0.00108	0.00108	0.00000539	0.00766	0.00141	0.0106	0.0262	0.00000539	21.9	0.0000197	0.000309
2068 Mar	64.4	0.0601	0.0132	0.00108	14.6	0.0302	5.19	0.00108	0.00108	0.0000054	0.00768	0.00141	0.0106	0.0262	0.0000054	21.9	0.0000197	0.00031
2068 Apr	64.9	0.0606	0.0133	0.00109	14.7	0.0304	5.23	0.00109	0.00109	0.00000545	0.00774	0.00142	0.0107	0.0264	0.00000545	22.1	0.0000199	0.000312
2068 May	66.2	0.0614	0.0138	0.0011	15.1	0.0304	5.34	0.0011	0.0011	0.00000548	0.00777	0.00144	0.0107	0.0271	0.00000548	22.6	0.0000201	0.00032
2068 Jun	61.1	0.0538	0.0131	0.000977	13.9	0.0258	4.88	0.000977	0.000977	0.00000489	0.0069	0.00132	0.00943	0.0254	0.00000489	21.1	0.0000185	0.000298
2068 Jul	62.3	0.054	0.0133	0.00101	14.1	0.0267	4.95	0.00101	0.00101	0.00000506	0.00712	0.00135	0.00974	0.0258	0.00000506	21.4	0.000019	0.000304
2068 Aug	65.6	0.0569	0.014	0.00107	14.8	0.0284	5.22	0.00107	0.00107	0.00000534	0.00751	0.00143	0.0103	0.0272	0.00000534	22.6	0.00002	0.000319
2068 Sep	65.4	0.0579	0.0139	0.00107	14.8	0.0288	5.23	0.00107	0.00107	0.00000535	0.00754	0.00143	0.0104	0.027	0.00000535	22.4	0.0000199	0.000317
2068 Oct	65.4	0.0588	0.0138	0.00107	14.8	0.0291	5.24	0.00107	0.00107	0.00000536	0.00757	0.00142	0.0104	0.0269	0.00000536	22.4	0.0000198	0.000317
2068 Nov	65.6	0.0591	0.0138	0.00108	14.9	0.0292	5.26	0.00108	0.00108	0.00000538	0.0076	0.00143	0.0105	0.027	0.00000538	22.5	0.0000199	0.000318
2068 Dec	65.6	0.0591	0.0138	0.00108	14.9	0.0292	5.26	0.00108	0.00108	0.00000538	0.0076	0.00143	0.0105	0.0271	0.00000538	22.5	0.0000199	0.000318
2069 Jan	65.6	0.0591	0.0138	0.00108	14.9	0.0293	5.26	0.00108	0.00108	0.00000538	0.0076	0.00143	0.0105	0.0271	0.00000538	22.5	0.0000199	0.000318
2069 Feb	65.7	0.0591	0.0138	0.00108	14.9	0.0293	5.26	0.00108	0.00108	0.00000538	0.00761	0.00143	0.0105	0.0271	0.00000538	22.5	0.0000199	0.000318
2069 Mar	65.7	0.0591	0.0138	0.00108	14.9	0.0293	5.26	0.00108	0.00108	0.00000538	0.00761	0.00143	0.0105	0.0271	0.00000538	22.5	0.0000199	0.000318
2069 Apr	65.8	0.0592	0.0139	0.00108	14.9	0.0293	5.27	0.00108	0.00108	0.00000539	0.00762	0.00143	0.0105	0.0271	0.00000539	22.6	0.00002	0.000319
2069 May	67.1	0.0604	0.0142	0.0011	15.2	0.0299	5.38	0.0011	0.0011	0.0000055	0.00777	0.00146	0.0107	0.0277	0.0000055	23	0.0000204	0.000325
2069 Jun	62.5	0.0537	0.0133	0.00105	14	0.0275	4.93	0.00105	0.00105	0.00000524	0.00743	0.00137	0.0102	0.0256	0.00000524	21.3	0.0000199	0.000306
2069 Jul	63.9	0.0541	0.0135	0.00109	14.2	0.0284	5.01	0.00109	0.00109	0.00000544	0.00771	0.0014	0.0106	0.0261	0.00000544	21.7	0.0000207	0.000313
2069 Aug	65.6	0.0555	0.0138	0.00112	14.6	0.0296	5.16	0.00112	0.00112	0.00000561	0.00792	0.00144	0.0109	0.0267	0.00000561	22.3	0.0000211	0.000321
2069 Sep	63.7	0.0558	0.0132	0.00109	14.2	0.0295	5.04	0.00109	0.00109	0.00000547	0.00775	0.0014	0.0107	0.0258	0.00000547	21.5	0.0000204	0.00031
2069 Oct	60.6	0.0569	0.0123	0.00105	13.6	0.0292	4.85	0.00105	0.00105	0.00000524	0.0075	0.00133	0.0104	0.0244	0.00000524	20.4	0.0000193	0.000292
2069 Nov	60.4	0.0575	0.0122	0.00105	13.6	0.0294	4.85	0.00105	0.00105	0.00000523	0.00751	0.00133	0.0104	0.0242	0.00000523	20.3	0.0000192	0.000291
2069 Dec	60.4	0.0575	0.0122	0.00105	13.6	0.0294	4.85	0.00105	0.00105	0.00000523	0.00751	0.00133	0.0104	0.0243	0.00000523	20.4	0.0000192	0.000291
2070 Jan	60.4	0.0575	0.0122	0.00105	13.6	0.0294	4.85	0.00105	0.00105	0.00000523	0.00751	0.00133	0.0104	0.0243	0.00000523	20.4	0.0000192	0.000291
2070 Feb	60.4	0.0575	0.0122	0.00105	13.6	0.0294	4.85	0.00105	0.00105	0.00000523	0.00751	0.00133	0.0104	0.0243	0.00000523	20.4	0.0000192	0.000291
2070 Mar	60.5	0.0576	0.0122	0.00105	13.6	0.0294	4.86	0.00105	0.00105	0.00000523	0.00751	0.00133	0.0104	0.0243	0.00000523	20.4	0.0000192	0.000291
2070 Apr	60.7	0.0578	0.0122	0.00105	13.7	0.0296	4.88	0.00105	0.00105	0.00000526	0.00755	0.00133	0.0104	0.0244	0.00000526	20.5	0.0000193	0.000292
2070 May	62.2	0.0588	0.0127	0.00106	14.1	0.0296	5	0.00106	0.00106	0.00000531	0.0076	0.00136	0.0105	0.0251	0.00000531	21	0.0000196	0.0003
2070 Jun	62.3	0.0568	0.0131	0.00102	14.1	0.0276	4.99	0.00102	0.00102	0.00000511	0.00728	0.00135	0.00997	0.0256	0.00000511	21.3	0.0000192	0.000302
2070 Jul	64.7	0.0586	0.0136	0.00107	14.6	0.0289	5.17	0.00107	0.00107	0.00000535	0.00761	0.00141	0.0104	0.0265	0.00000535	22.1	0.0000201	0.000314
2070 Aug	66.9	0.0604	0.014	0.00111	15.1	0.0302	5.35	0.00111	0.00111	0.00000556	0.00788	0.00146	0.0108	0.0274	0.00000556	22.8	0.0000207	0.000324
2070 Sep	64.9	0.061	0.0134	0.00109	14.7	0.0302	5.23	0.00109	0.00109	0.00000543	0.00774	0.00142	0.0107	0.0265	0.00000543	22.1	0.00002	0.000313
2070 Oct	63	0.0616	0.0128	0.00106	14.3	0.0301	5.12	0.00106	0.00106	0.00000529	0.0076	0.00138	0.0105	0.0256	0.00000529	21.4	0.0000194	0.000302
2070 Nov	62.9	0.0618	0.0127	0.00106	14.3	0.0301	5.11	0.00106	0.00106	0.00000529	0.0076	0.00137	0.0105	0.0255	0.00000529	21.4	0.0000194	0.000301
2070 Dec	63	0.0618	0.0127	0.00106	14.3	0.0301	5.12	0.00106	0.00106	0.00000529	0.00761	0.00137	0.0105	0.0255	0.00000529	21.4	0.0000194	0.000301
2071 Jan	63	0.0618	0.0127	0.00106	14.3	0.0301	5.12	0.00106	0.00106	0.00000529	0.00761	0.00137	0.0105	0.0255	0.00000529	21.4	0.0000194	0.000301
2071 Feb	63	0.0618	0.0127	0.00106	14.3	0.0302	5.12	0.00106	0.00106	0.00000529	0.00761	0.00137	0.0105	0.0255	0.00000529	21.4	0.0000194	0.000301
2071 Mar	63	0.0618	0.0127	0.00106	14.3	0.0302	5.12	0.00106	0.00106	0.00000529	0.00761	0.00138	0.0105	0.0255	0.00000529	21.4	0.0000194	0.000302
2071 Apr	63.1	0.0619	0.0128	0.00106	14.4	0.0302	5.13	0.00106	0.00106	0.0000053	0.00762	0.00138	0.0105	0.0256	0.0000053	21.4	0.0000194	0.000302
2071 May	64	0.0622	0.0131	0.00106	14.6	0.0298	5.2	0.00106	0.00106	0.00000529	0.00759	0.00139	0.0104	0.0261	0.00000529	21.8	0.0000195	0.000307
2071 Jun	61.9	0.0574	0.0131	0.000994	14.1	0.0269	4.99	0.000994	0.000994	0.00000497	0.00709	0.00134	0.00966	0.0256	0.00000497	21.3	0.0000187	0.0003
2071 Jul	62.9	0.0577	0.0133	0.00102	14.3	0.0276	5.05	0.00102	0.00102	0.00000511	0.00729	0.00136	0.00993	0.026	0.00000511	21.6	0.0000193	0.000305
2071 Aug	65.4	0.0599	0.0138	0.00107	14.8	0.0289	5.25	0.00107	0.00107	0.00000533	0.00758	0.00142	0.0104	0.0269	0.00000533	22.4	0.00002	0.000317
2071 Sep	64.1	0.0599	0.0133	0.00105	14.6	0.0291	5.17	0.00105	0.00105	0.00000526	0.00748	0.00139	0.0103	0.0263	0.00000526	21.9	0.0000194	0.000309
2071 Oct	63	0.0602	0.013	0.00104	14.4	0.029	5.1	0.00104	0.00104	0.00000519	0.00741	0.00137	0.0102	0.0258	0.00000519	21.5	0.0000191	0.000303
2071 Nov	62.8	0.0608	0.0129	0.00104	14.3	0.0292	5.1	0.00104	0.00104	0.00000518	0.00741	0.00136	0.0102	0.0256	0.00000518	21.4	0.000019	0.000302
2071 Dec	62.8	0.0608	0.0129	0.00104	14.3	0.0292	5.1	0.00104	0.00104	0.00000518	0.00741	0.00136	0.0102	0.0256	0.00000518	21.4	0.000019	0.000302
2072 Jan	62.8	0.0608	0.0129	0.00104	14.3	0.0292	5.1	0.00104	0.00104	0.00000518	0.00741	0.00136	0.0102	0.0256	0.00000518	21.4	0.000019	0.000302
2072 Feb	62.8	0.0608	0.0129	0.00104	14.3	0.0292	5.1	0.00104	0.00104	0.00000518	0.00741	0.00136	0.0102	0.0256	0.00000518	21.4	0.000019	0.000302
2072 Mar	62.8	0.0608	0.0129	0.00104	14.3	0.0292	5.1	0.00104	0.00104	0.00000518	0.00741	0.00137	0.0102	0.0256	0.00000518	21.4	0.000019	0.000302
2072 Apr	63	0.061	0.0129	0.00104	14.4	0.0293	5.11	0.00104	0.00104	0.00000519	0.00744	0.00137	0.0103	0.0257	0.00000519	21.5	0.0000191	0.000303
2072 May	64	0.062	0.0131	0.00106	14.6	0.0298	5.2	0.00106	0.00106	0.00000528	0.00756	0.00139	0.0104	0.0261	0.00000528	21.9	0.0000194	0.000308
2072 Jun	60.6	0.0563	0.0124	0.00104	13.6	0.0284	4.83	0.00104	0.00104	0.00000518	0.00745	0.00132	0.0103	0.0244	0.00000518	20.5	0.0000194	0.000294
2072 Jul	60.6	0.0552	0.0124	0.00106	13.5	0.0289	4.81	0.00106	0.00106	0.00000528	0.00755	0.00133	0.0104	0.0243	0.00000528	20.4	0.0000197	0.000294
2072 Aug	59.7	0.0545	0.012	0.00105	13.4	0.0296	4.76	0.00105	0.00105	0.00000526	0.00745	0.00132	0.0105	0.0239	0.00000526	20.1	0.0000189	0.000288
2072 Sep	58.6	0.0545	0.0117	0.00104	13.2	0.0299	4.7	0.00104	0.00104	0.0000052	0.00734	0.0013	0.0105	0.0233	0.0000052	19.6	0.0000183	0.000282
2072 Oct	56.6	0.0554	0.0111	0.00101	12.8	0.0297	4.59	0.00101	0.00101	0.00000505	0.00718	0.00125	0.0103	0.0224	0.00000505	18.9	0.0000176	0.00027
2072 Nov	56.5	0.0557	0.011	0.00101	12.8	0.0298	4.58	0.00101	0.00101	0.00000503	0.00718	0.00125	0.0102	0.0223	0.00000503	18.9	0.0000176	0.000269
2072 Dec	56.5	0.0557	0.011	0.00101	12.8	0.0298	4.58	0.00101	0.00101	0.00000504	0.00718	0.00125	0.0102	0.0223	0.00000504	18.9	0.0000176	0.000269
2073 Jan	56.5	0.0558	0.011	0.00101	12.8	0.0298	4.58	0.00101	0.00101	0.00000504	0.00718	0.00125	0.0102	0.0223	0.00000504	18.9	0.0000176	0.000269

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2073 Feb	56.5	0.0558	0.011	0.00101	12.8	0.0298	4.58	0.00101	0.00101	0.00000504	0.00718	0.00125	0.0102	0.0223	0.00000504	18.9	0.0000176	0.000269
2073 Mar	56.5	0.0558	0.011	0.00101	12.8	0.0298	4.58	0.00101	0.00101	0.00000504	0.00718	0.00125	0.0102	0.0223	0.00000504	18.9	0.0000176	0.00027
2073 Apr	56.9	0.0562	0.0111	0.00101	12.9	0.03	4.62	0.00101	0.00101	0.00000507	0.00724	0.00126	0.0103	0.0225	0.00000507	19	0.0000177	0.000272
2073 May	58.6	0.0569	0.0117	0.00102	13.3	0.0297	4.75	0.00102	0.00102	0.00000509	0.00723	0.00129	0.0103	0.0234	0.00000509	19.8	0.0000179	0.000281
2073 Jun	58.9	0.0548	0.0122	0.00098	13.4	0.0274	4.75	0.00098	0.00098	0.0000049	0.00693	0.00128	0.00973	0.024	0.0000049	20.1	0.0000178	0.000285
2073 Jul	60.2	0.0555	0.0124	0.00101	13.7	0.0283	4.84	0.00101	0.00101	0.00000505	0.00713	0.00132	0.01	0.0245	0.00000505	20.5	0.0000182	0.000291
2073 Aug	62	0.057	0.0128	0.00105	14.1	0.0295	5	0.00105	0.00105	0.00000523	0.00735	0.00136	0.0103	0.0253	0.00000523	21.1	0.0000187	0.000299
2073 Sep	61.3	0.0574	0.0125	0.00104	14	0.0297	4.96	0.00104	0.00104	0.00000519	0.00731	0.00135	0.0103	0.0249	0.00000519	20.9	0.0000184	0.000295
2073 Oct	59.7	0.058	0.012	0.00101	13.6	0.0296	4.86	0.00101	0.00101	0.00000507	0.00719	0.00131	0.0102	0.0241	0.00000507	20.2	0.0000179	0.000285
2073 Nov	59.4	0.0583	0.0119	0.00101	13.6	0.0296	4.84	0.00101	0.00101	0.00000505	0.00718	0.0013	0.0101	0.0239	0.00000505	20.1	0.0000178	0.000283
2073 Dec	59.4	0.0583	0.0119	0.00101	13.6	0.0296	4.85	0.00101	0.00101	0.00000506	0.00718	0.0013	0.0101	0.0239	0.00000506	20.1	0.0000178	0.000283
2074 Jan	59.4	0.0583	0.0119	0.00101	13.6	0.0296	4.85	0.00101	0.00101	0.00000506	0.00718	0.0013	0.0101	0.0239	0.00000506	20.1	0.0000178	0.000283
2074 Feb	59.4	0.0583	0.0119	0.00101	13.6	0.0296	4.85	0.00101	0.00101	0.00000506	0.00718	0.0013	0.0101	0.0239	0.00000506	20.1	0.0000178	0.000283
2074 Mar	59.4	0.0583	0.0119	0.00101	13.6	0.0296	4.85	0.00101	0.00101	0.00000506	0.00719	0.0013	0.0101	0.024	0.00000506	20.1	0.0000178	0.000284
2074 Apr	59.8	0.0587	0.012	0.00102	13.7	0.0298	4.88	0.00102	0.00102	0.00000509	0.00723	0.00131	0.0102	0.0241	0.00000509	20.3	0.0000179	0.000285
2074 May	61.8	0.0594	0.0127	0.00102	14.2	0.0292	5.03	0.00102	0.00102	0.00000509	0.00721	0.00135	0.0101	0.0253	0.00000509	21.1	0.0000182	0.000296
2074 Jun	60.6	0.0556	0.0129	0.000952	13.9	0.0261	4.9	0.000952	0.000952	0.00000476	0.0067	0.00131	0.00928	0.0253	0.00000476	21	0.0000175	0.000293
2074 Jul	63.2	0.0577	0.0135	0.001	14.5	0.0274	5.11	0.001	0.001	0.000005	0.00703	0.00137	0.00975	0.0263	0.000005	21.9	0.0000184	0.000306
2074 Aug	66.6	0.0607	0.0142	0.00106	15.3	0.029	5.39	0.00106	0.00106	0.00000528	0.00742	0.00144	0.0103	0.0277	0.00000528	23.1	0.0000193	0.000322
2074 Sep	65	0.061	0.0136	0.00104	14.9	0.0292	5.29	0.00104	0.00104	0.0000052	0.00732	0.00141	0.0102	0.0269	0.0000052	22.4	0.0000188	0.000313
2074 Oct	63.9	0.0618	0.0132	0.00103	14.7	0.0293	5.22	0.00103	0.00103	0.00000513	0.00727	0.00138	0.0102	0.0264	0.00000513	22	0.0000185	0.000306
2074 Nov	63.9	0.062	0.0132	0.00103	14.7	0.0293	5.23	0.00103	0.00103	0.00000514	0.00728	0.00139	0.0102	0.0264	0.00000514	22	0.0000185	0.000306
2074 Dec	64	0.062	0.0132	0.00103	14.7	0.0294	5.23	0.00103	0.00103	0.00000514	0.00729	0.00139	0.0102	0.0264	0.00000514	22	0.0000185	0.000307
2075 Jan	64	0.062	0.0132	0.00103	14.7	0.0294	5.23	0.00103	0.00103	0.00000514	0.00729	0.00139	0.0102	0.0264	0.00000514	22	0.0000185	0.000307
2075 Feb	64	0.062	0.0132	0.00103	14.7	0.0294	5.23	0.00103	0.00103	0.00000514	0.00729	0.00139	0.0102	0.0264	0.00000514	22	0.0000185	0.000307
2075 Mar	64.1	0.0621	0.0133	0.00103	14.8	0.0294	5.24	0.00103	0.00103	0.00000515	0.0073	0.00139	0.0102	0.0264	0.00000515	22.1	0.0000185	0.000307
2075 Apr	64.4	0.0624	0.0133	0.00104	14.8	0.0296	5.27	0.00104	0.00104	0.00000518	0.00733	0.0014	0.0102	0.0265	0.00000518	22.2	0.0000186	0.000309
2075 May	65.6	0.0633	0.0136	0.00105	15.1	0.0298	5.36	0.00105	0.00105	0.00000524	0.00742	0.00142	0.0104	0.0271	0.00000524	22.6	0.0000189	0.000315
2075 Jun	59	0.0539	0.0122	0.000997	13.3	0.0273	4.71	0.000997	0.000997	0.00000498	0.0071	0.00129	0.00986	0.024	0.00000498	20	0.0000185	0.000287
2075 Jul	58.1	0.0516	0.012	0.00101	13	0.0272	4.59	0.00101	0.00101	0.00000503	0.00717	0.00128	0.00994	0.0234	0.00000503	19.6	0.0000188	0.000283
2075 Aug	59.4	0.0526	0.0122	0.00103	13.3	0.0282	4.7	0.00103	0.00103	0.00000517	0.00734	0.00131	0.0102	0.0239	0.00000517	20	0.0000191	0.000289
2075 Sep	60	0.0537	0.0123	0.00105	13.4	0.0287	4.76	0.00105	0.00105	0.00000524	0.00744	0.00132	0.0104	0.0241	0.00000524	20.2	0.0000193	0.000292
2075 Oct	59.6	0.0544	0.0121	0.00104	13.4	0.0289	4.74	0.00104	0.00104	0.00000521	0.00742	0.00131	0.0103	0.0239	0.00000521	20	0.0000191	0.000289
2075 Nov	59.7	0.0547	0.0121	0.00104	13.4	0.029	4.75	0.00104	0.00104	0.00000522	0.00744	0.00131	0.0104	0.0239	0.00000522	20.1	0.0000191	0.000289
2075 Dec	59.7	0.0547	0.0121	0.00104	13.4	0.029	4.76	0.00104	0.00104	0.00000522	0.00744	0.00132	0.0104	0.0239	0.00000522	20.1	0.0000191	0.000289
2076 Jan	59.7	0.0548	0.0121	0.00104	13.4	0.029	4.76	0.00104	0.00104	0.00000522	0.00744	0.00132	0.0104	0.0239	0.00000522	20.1	0.0000192	0.000289
2076 Feb	59.8	0.0548	0.0121	0.00104	13.4	0.029	4.76	0.00104	0.00104	0.00000522	0.00745	0.00132	0.0104	0.0239	0.00000522	20.1	0.0000192	0.000289
2076 Mar	59.8	0.0548	0.0121	0.00105	13.4	0.0291	4.76	0.00105	0.00105	0.00000523	0.00745	0.00132	0.0104	0.024	0.00000523	20.1	0.0000192	0.00029
2076 Apr	60	0.055	0.0122	0.00105	13.5	0.0291	4.78	0.00105	0.00105	0.00000524	0.00748	0.00132	0.0104	0.024	0.00000524	20.2	0.0000192	0.000291
2076 May	61.6	0.056	0.0126	0.00106	13.8	0.0292	4.91	0.00106	0.00106	0.0000053	0.00754	0.00135	0.0105	0.0248	0.0000053	20.8	0.0000195	0.000299
2076 Jun	60.4	0.0528	0.0128	0.000995	13.6	0.0263	4.79	0.000995	0.000995	0.00000497	0.00704	0.00131	0.0097	0.0249	0.00000497	20.7	0.0000188	0.000295
2076 Jul	61.6	0.0534	0.0131	0.00102	13.8	0.027	4.87	0.00102	0.00102	0.00000512	0.00724	0.00134	0.00997	0.0253	0.00000512	21	0.0000193	0.000301
2076 Aug	64.3	0.0556	0.0136	0.00107	14.4	0.0285	5.09	0.00107	0.00107	0.00000535	0.00756	0.0014	0.0105	0.0263	0.00000535	21.9	0.0000201	0.000314
2076 Sep	64.9	0.0568	0.0137	0.00108	14.6	0.029	5.15	0.00108	0.00108	0.00000542	0.00766	0.00142	0.0106	0.0266	0.00000542	22.1	0.0000202	0.000317
2076 Oct	63.3	0.0573	0.0132	0.00106	14.3	0.0289	5.05	0.00106	0.00106	0.00000531	0.00753	0.00138	0.0104	0.0258	0.00000531	21.5	0.0000197	0.000307
2076 Nov	63.1	0.0575	0.0131	0.00106	14.2	0.029	5.04	0.00106	0.00106	0.00000529	0.00752	0.00138	0.0104	0.0257	0.00000529	21.5	0.0000196	0.000306
2076 Dec	63.1	0.0575	0.0131	0.00106	14.2	0.029	5.04	0.00106	0.00106	0.00000529	0.00753	0.00138	0.0104	0.0257	0.00000529	21.5	0.0000196	0.000306
2077 Jan	63.1	0.0575	0.0131	0.00106	14.2	0.029	5.04	0.00106	0.00106	0.00000529	0.00753	0.00138	0.0104	0.0257	0.00000529	21.5	0.0000196	0.000306
2077 Feb	63.1	0.0575	0.0131	0.00106	14.3	0.029	5.04	0.00106	0.00106	0.0000053	0.00753	0.00138	0.0104	0.0257	0.0000053	21.5	0.0000196	0.000306
2077 Mar	63.1	0.0575	0.0131	0.00106	14.3	0.029	5.05	0.00106	0.00106	0.0000053	0.00753	0.00138	0.0104	0.0257	0.0000053	21.5	0.0000196	0.000306
2077 Apr	63.4	0.0578	0.0132	0.00106	14.3	0.0291	5.07	0.00106	0.00106	0.00000532	0.00756	0.00138	0.0105	0.0258	0.00000532	21.6	0.0000197	0.000307
2077 May	64.5	0.0584	0.0135	0.00107	14.6	0.0291	5.16	0.00107	0.00107	0.00000534	0.00759	0.0014	0.0105	0.0264	0.00000534	22	0.0000199	0.000313
2077 Jun	62.5	0.0546	0.0134	0.00101	14.1	0.0264	4.97	0.00101	0.00101	0.00000503	0.00711	0.00135	0.00975	0.0259	0.00000503	21.5	0.0000191	0.000306
2077 Jul	65	0.0563	0.0139	0.00106	14.7	0.0277	5.15	0.00106	0.00106	0.00000528	0.00747	0.00141	0.0102	0.0269	0.00000528	22.3	0.0000201	0.000318
2077 Aug	67.9	0.0589	0.0145	0.00111	15.3	0.0291	5.39	0.00111	0.00111	0.00000553	0.00781	0.00147	0.0107	0.0281	0.00000553	23.3	0.0000209	0.000332
2077 Sep	65	0.0584	0.0137	0.00107	14.7	0.029	5.2	0.00107	0.00107	0.00000535	0.00756	0.00141	0.0105	0.0267	0.00000535	22.3	0.0000198	0.000316
2077 Oct	64.4	0.0593	0.0134	0.00106	14.6	0.0292	5.17	0.00106	0.00106	0.00000531	0.00755	0.0014	0.0105	0.0264	0.00000531	22	0.0000196	0.000312
2077 Nov	64.6	0.0595	0.0135	0.00107	14.7	0.0293	5.18	0.00107	0.00107	0.00000533	0.00757	0.0014	0.0105	0.0264	0.00000533	22.1	0.0000197	0.000313
2077 Dec	64.6	0.0595	0.0135	0.00107	14.7	0.0293	5.19	0.00107	0.00107	0.00000533	0.00757	0.0014	0.0105	0.0264	0.00000533	22.1	0.0000197	0.000313
2078 Jan	64.6	0.0595	0.0135	0.00107	14.7	0.0293	5.19	0.00107	0.00107	0.00000533	0.00757	0.00141	0.0105	0.0264	0.00000533	22.1	0.0000197	0.000313
2078 Feb	64.6	0.0595	0.0135	0.00107	14.7	0.0293	5.19	0.00107	0.00107	0.00000533	0.00758	0.00141	0.0105	0.0264	0.00000533	22.1	0.0000197	0.000313
2078 Mar	64.7	0.0596	0.0135	0.00107	14.7	0.0293	5.19	0.00107	0.00107	0.00000533	0.00758	0.00141	0.0105	0.0265	0.00000533	22.1	0.0000197	0.000314
2078 Apr	65.1	0.06	0.0136	0.00107	14.8	0.0295	5.23	0.00107	0.00107	0.00000537	0.00763	0.00142	0.0106	0.0266	0.00000537	22.2	0.0000198	0.000316
2078 May	66.7	0.0603	0.0142	0.00106	15.2	0.0286	5.36	0.00106	0.00106	0.00000531	0.00751	0.00144	0.0104	0.0277	0.00000531	23	0.0000198	0.000324
2078 Jun	64.7	0.0569	0.0142	0.000993	14.8	0.0259	5.18	0.000993	0.000993	0.00000497	0.00699	0.00139	0.00957	0.0273	0.00000497	22.5	0.0000189	0.000317
2078 Jul	67.5	0.0591	0.0148	0.00104	15.4	0.0273	5.41	0.00104	0.00104	0.00000522	0.00733	0.00145	0.01	0.0284	0.00000522	23.5	0.0000198	0.00033
2078 Aug	68.7	0.0598	0.0149	0.00107	15.7	0.0283	5.51	0.00107	0.00107	0.00000536	0.00748	0.00148	0.0103	0.0289	0.00000536	23.9	0.00002	0.000335

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Sep	69.1	0.0607	0.015	0.00108	15.8	0.029	5.56	0.00108	0.00108	0.00000541	0.00755	0.00149	0.0105	0.029	0.00000541	24	0.00002	0.000336
2078 Oct	68.4	0.0611	0.0147	0.00107	15.6	0.029	5.51	0.00107	0.00107	0.00000537	0.00751	0.00148	0.0104	0.0286	0.00000537	23.7	0.0000198	0.000332
2078 Nov	68.3	0.0613	0.0147	0.00107	15.6	0.0291	5.51	0.00107	0.00107	0.00000537	0.00752	0.00148	0.0104	0.0286	0.00000537	23.7	0.0000198	0.000331
2078 Dec	68.3	0.0613	0.0147	0.00107	15.6	0.0291	5.51	0.00107	0.00107	0.00000537	0.00752	0.00148	0.0104	0.0286	0.00000537	23.7	0.0000198	0.000331
2079 Jan	68.3	0.0613	0.0147	0.00107	15.6	0.0291	5.51	0.00107	0.00107	0.00000537	0.00752	0.00148	0.0104	0.0286	0.00000537	23.7	0.0000198	0.000332
2079 Feb	68.3	0.0613	0.0147	0.00107	15.6	0.0291	5.51	0.00107	0.00107	0.00000537	0.00752	0.00148	0.0104	0.0286	0.00000537	23.7	0.0000198	0.000332
2079 Mar	68.4	0.0614	0.0147	0.00107	15.7	0.0291	5.52	0.00107	0.00107	0.00000537	0.00753	0.00148	0.0104	0.0286	0.00000537	23.7	0.0000198	0.000332
2079 Apr	68.7	0.0616	0.0147	0.00108	15.7	0.0292	5.54	0.00108	0.00108	0.0000054	0.00756	0.00148	0.0105	0.0287	0.0000054	23.8	0.0000199	0.000333
2079 May	69.8	0.0626	0.015	0.0011	16	0.0296	5.63	0.0011	0.0011	0.00000548	0.00767	0.00151	0.0106	0.0292	0.00000548	24.2	0.0000202	0.000339
2079 Jun	63.5	0.0542	0.0137	0.00102	14.3	0.0265	5.04	0.00102	0.00102	0.0000051	0.00717	0.00138	0.00986	0.0264	0.0000051	21.9	0.0000193	0.000312
2079 Jul	63.1	0.0529	0.0136	0.00103	14.2	0.0267	4.97	0.00103	0.00103	0.00000516	0.00726	0.00137	0.00998	0.0261	0.00000516	21.6	0.0000196	0.00031
2079 Aug	65.3	0.0546	0.014	0.00107	14.7	0.028	5.15	0.00107	0.00107	0.00000537	0.00753	0.00143	0.0104	0.027	0.00000537	22.4	0.0000202	0.00032
2079 Sep	64.4	0.0554	0.0137	0.00107	14.5	0.0283	5.11	0.00107	0.00107	0.00000533	0.00749	0.00141	0.0104	0.0265	0.00000533	22	0.0000198	0.000314
2079 Oct	63.5	0.0562	0.0134	0.00105	14.3	0.0284	5.06	0.00105	0.00105	0.00000527	0.00743	0.00139	0.0103	0.026	0.00000527	21.7	0.0000195	0.000309
2079 Nov	63.1	0.0566	0.0132	0.00105	14.3	0.0285	5.04	0.00105	0.00105	0.00000525	0.00742	0.00138	0.0103	0.0259	0.00000525	21.6	0.0000194	0.000306
2079 Dec	62.9	0.0568	0.0131	0.00105	14.2	0.0286	5.03	0.00105	0.00105	0.00000523	0.00741	0.00137	0.0102	0.0257	0.00000523	21.5	0.0000194	0.000305
2080 Jan	62.9	0.0568	0.0131	0.00105	14.2	0.0286	5.03	0.00105	0.00105	0.00000523	0.00741	0.00137	0.0102	0.0257	0.00000523	21.5	0.0000194	0.000305
2080 Feb	62.9	0.0569	0.0131	0.00105	14.2	0.0286	5.03	0.00105	0.00105	0.00000523	0.00741	0.00137	0.0102	0.0257	0.00000523	21.5	0.0000194	0.000305
2080 Mar	62.9	0.0569	0.0131	0.00105	14.2	0.0286	5.03	0.00105	0.00105	0.00000523	0.00741	0.00137	0.0103	0.0258	0.00000523	21.5	0.0000194	0.000305
2080 Apr	63.1	0.057	0.0132	0.00105	14.3	0.0287	5.05	0.00105	0.00105	0.00000525	0.00743	0.00138	0.0103	0.0258	0.00000525	21.5	0.0000194	0.000306
2080 May	64.2	0.058	0.0134	0.00107	14.5	0.0291	5.13	0.00107	0.00107	0.00000534	0.00756	0.0014	0.0105	0.0263	0.00000534	21.9	0.0000197	0.000311
2080 Jun	60	0.052	0.0125	0.00104	13.4	0.0276	4.72	0.00104	0.00104	0.00000518	0.00738	0.00132	0.0102	0.0242	0.00000518	20.2	0.0000196	0.000294
2080 Jul	58.7	0.0495	0.0122	0.00104	13	0.0275	4.58	0.00104	0.00104	0.0000052	0.00738	0.0013	0.0102	0.0236	0.0000052	19.7	0.0000196	0.000288
2080 Aug	59.7	0.0502	0.0123	0.00106	13.2	0.0285	4.67	0.00106	0.00106	0.00000532	0.00752	0.00133	0.0104	0.0239	0.00000532	20	0.0000198	0.000291
2080 Sep	59.1	0.0506	0.0121	0.00106	13.1	0.0288	4.64	0.00106	0.00106	0.00000529	0.00747	0.00131	0.0104	0.0236	0.00000529	19.8	0.0000194	0.000288
2080 Oct	58.6	0.0516	0.0119	0.00105	13	0.029	4.62	0.00105	0.00105	0.00000525	0.00744	0.0013	0.0104	0.0233	0.00000525	19.6	0.0000192	0.000284
2080 Nov	58.1	0.0522	0.0117	0.00104	12.9	0.0291	4.6	0.00104	0.00104	0.00000522	0.00741	0.00129	0.0104	0.0231	0.00000522	19.4	0.000019	0.000281
2080 Dec	58.1	0.0523	0.0117	0.00104	12.9	0.0291	4.61	0.00104	0.00104	0.00000522	0.00741	0.00129	0.0104	0.0231	0.00000522	19.4	0.000019	0.000281
2081 Jan	58.1	0.0523	0.0117	0.00104	12.9	0.0291	4.61	0.00104	0.00104	0.00000522	0.00742	0.00129	0.0104	0.0231	0.00000522	19.4	0.000019	0.000281
2081 Feb	58.1	0.0523	0.0117	0.00104	12.9	0.0291	4.61	0.00104	0.00104	0.00000522	0.00742	0.00129	0.0104	0.0231	0.00000522	19.4	0.000019	0.000281
2081 Mar	58.2	0.0523	0.0117	0.00104	13	0.0291	4.61	0.00104	0.00104	0.00000522	0.00742	0.00129	0.0104	0.0231	0.00000522	19.4	0.000019	0.000281
2081 Apr	58.4	0.0525	0.0117	0.00105	13	0.0292	4.63	0.00105	0.00105	0.00000524	0.00745	0.0013	0.0104	0.0232	0.00000524	19.5	0.0000191	0.000282
2081 May	60.5	0.0538	0.0124	0.00105	13.6	0.0288	4.8	0.00105	0.00105	0.00000526	0.00744	0.00134	0.0104	0.0244	0.00000526	20.4	0.0000193	0.000294
2081 Jun	60.4	0.0525	0.0127	0.00101	13.6	0.0271	4.79	0.00101	0.00101	0.00000507	0.00716	0.00132	0.00989	0.0247	0.00000507	20.6	0.0000189	0.000295
2081 Jul	63.8	0.0553	0.0134	0.00108	14.3	0.0287	5.06	0.00108	0.00108	0.00000538	0.00758	0.0014	0.0105	0.0261	0.00000538	21.7	0.00002	0.000311
2081 Aug	67.4	0.0584	0.0142	0.00114	15.1	0.0305	5.34	0.00114	0.00114	0.00000568	0.00801	0.00148	0.0111	0.0275	0.00000568	22.9	0.0000211	0.000328
2081 Sep	67.1	0.0589	0.014	0.00114	15.1	0.0309	5.33	0.00114	0.00114	0.00000568	0.008	0.00147	0.0112	0.0273	0.00000568	22.8	0.0000209	0.000326
2081 Oct	66.8	0.0596	0.0139	0.00113	15.1	0.0311	5.33	0.00113	0.00113	0.00000567	0.008	0.00147	0.0112	0.0272	0.00000567	22.7	0.0000208	0.000324
2081 Nov	66	0.0597	0.0136	0.00112	14.9	0.031	5.27	0.00112	0.00112	0.00000561	0.00794	0.00145	0.0111	0.0268	0.00000561	22.4	0.0000205	0.00032
2081 Dec	66	0.0598	0.0136	0.00112	14.9	0.031	5.27	0.00112	0.00112	0.00000561	0.00794	0.00145	0.0111	0.0268	0.00000561	22.4	0.0000205	0.000319
2082 Jan	66	0.0598	0.0136	0.00112	14.9	0.031	5.27	0.00112	0.00112	0.00000561	0.00794	0.00145	0.0111	0.0268	0.00000561	22.4	0.0000205	0.000319
2082 Feb	66	0.0598	0.0136	0.00112	14.9	0.031	5.27	0.00112	0.00112	0.00000561	0.00794	0.00145	0.0111	0.0268	0.00000561	22.4	0.0000205	0.000319
2082 Mar	66	0.0598	0.0136	0.00112	14.9	0.031	5.28	0.00112	0.00112	0.00000561	0.00794	0.00145	0.0111	0.0268	0.00000561	22.4	0.0000205	0.00032
2082 Apr	66.2	0.06	0.0137	0.00113	14.9	0.0311	5.29	0.00113	0.00113	0.00000563	0.00797	0.00145	0.0111	0.0269	0.00000563	22.5	0.0000206	0.000321
2082 May	67.3	0.061	0.0139	0.00114	15.2	0.0316	5.38	0.00114	0.00114	0.00000572	0.00809	0.00148	0.0113	0.0273	0.00000572	22.8	0.0000209	0.000326
2082 Jun	59.8	0.0512	0.0123	0.00107	13.2	0.0285	4.67	0.00107	0.00107	0.00000534	0.00761	0.00132	0.0106	0.0238	0.00000534	20	0.0000201	0.000293
2082 Jul	56.8	0.0467	0.0116	0.00105	12.4	0.0275	4.37	0.00105	0.00105	0.00000525	0.00748	0.00127	0.0104	0.0224	0.00000525	18.8	0.0000199	0.00028
2082 Aug	58.9	0.0484	0.012	0.00109	12.8	0.0288	4.54	0.00109	0.00109	0.00000545	0.00775	0.00131	0.0108	0.0232	0.00000545	19.5	0.0000205	0.00029
2082 Sep	59.4	0.0495	0.0121	0.0011	13	0.0294	4.59	0.0011	0.0011	0.00000551	0.00784	0.00133	0.0109	0.0234	0.00000551	19.6	0.0000206	0.000292
2082 Oct	57.5	0.0501	0.0115	0.00107	12.6	0.0291	4.48	0.00107	0.00107	0.00000534	0.00764	0.00128	0.0106	0.0225	0.00000534	19	0.0000199	0.000281
2082 Nov	57.6	0.0504	0.0115	0.00107	12.6	0.0292	4.49	0.00107	0.00107	0.00000535	0.00766	0.00128	0.0107	0.0225	0.00000535	19	0.0000199	0.000281
2082 Dec	57.6	0.0504	0.0115	0.00107	12.6	0.0292	4.49	0.00107	0.00107	0.00000535	0.00766	0.00129	0.0107	0.0226	0.00000535	19	0.0000199	0.000281
2083 Jan	57.6	0.0504	0.0115	0.00107	12.6	0.0292	4.49	0.00107	0.00107	0.00000535	0.00766	0.00129	0.0107	0.0226	0.00000535	19	0.0000199	0.000281
2083 Feb	57.7	0.0504	0.0115	0.00107	12.7	0.0292	4.5	0.00107	0.00107	0.00000536	0.00766	0.00129	0.0107	0.0226	0.00000536	19	0.0000199	0.000281
2083 Mar	57.7	0.0505	0.0115	0.00107	12.7	0.0292	4.5	0.00107	0.00107	0.00000536	0.00767	0.00129	0.0107	0.0226	0.00000536	19	0.0000199	0.000282
2083 Apr	58	0.0507	0.0116	0.00108	12.7	0.0294	4.52	0.00108	0.00108	0.00000538	0.0077	0.00129	0.0107	0.0227	0.00000538	19.1	0.00002	0.000283
2083 May	60	0.052	0.0122	0.00108	13.2	0.0292	4.68	0.00108	0.00108	0.00000542	0.00773	0.00133	0.0107	0.0238	0.00000542	20	0.0000203	0.000293
2083 Jun	59.3	0.0498	0.0125	0.00101	13.2	0.0263	4.63	0.00101	0.00101	0.00000506	0.00719	0.0013	0.00988	0.0241	0.00000506	20.1	0.0000193	0.000292
2083 Jul	60.3	0.0501	0.0127	0.00104	13.4	0.0271	4.7	0.00104	0.00104	0.00000521	0.00737	0.00133	0.0101	0.0244	0.00000521	20.4	0.0000198	0.000296
2083 Aug	60.7	0.0499	0.0127	0.00106	13.4	0.0281	4.75	0.00106	0.00106	0.00000531	0.00744	0.00135	0.0103	0.0246	0.00000531	20.5	0.0000197	0.000296
2083 Sep	60	0.0511	0.0124	0.00105	13.3	0.0284	4.72	0.00105	0.00105	0.00000527	0.00741	0.00133	0.0103	0.0242	0.00000527	20.2	0.0000194	0.000292
2083 Oct	58	0.0524	0.0118	0.00102	13	0.0284	4.62	0.00102	0.00102	0.00000511	0.00726	0.00129	0.0101	0.0233	0.00000511	19.5	0.0000187	0.00028
2083 Nov	57.5	0.0528	0.0116	0.00102	12.9	0.0284	4.59	0.00102	0.00102	0.00000508	0.00722	0.00127	0.01	0.023	0.00000508	19.3	0.0000185	0.000277
2083 Dec	57.5	0.0528	0.0116	0.00102	12.9	0.0284	4.59	0.00102	0.00102	0.00000508	0.00723	0.00127	0.01	0.023	0.00000508	19.3	0.0000185	0.000277
2084 Jan	57.5	0.0528	0.0116	0.00102	12.9	0.0284	4.59	0.00102	0.00102	0.00000508	0.00723	0.00127	0.01	0.023	0.00000508	19.3	0.0000185	0.000277
2084 Feb	57.5	0.0528	0.0116	0.00102	12.9	0.0284	4.59	0.00102	0.00102	0.00000508	0.00723	0.00127	0.01	0.023	0.00000508	19.3	0.0000185	0.000277
2084 Mar	57.6	0.0529	0.0116	0.00102	12.9	0.0284	4.6	0.00102	0.00102	0.00000508	0.00723	0.00128	0.01	0.023	0.00000508	19.3	0.0000185	0.000277

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Apr	57.9	0.0532	0.0117	0.00102	13	0.0286	4.63	0.00102	0.00102	0.00000512	0.00728	0.00128	0.0101	0.0232	0.00000512	19.5	0.0000186	0.000279
2084 May	60.3	0.0546	0.0125	0.00103	13.6	0.0283	4.82	0.00103	0.00103	0.00000515	0.0073	0.00133	0.0101	0.0245	0.00000515	20.5	0.0000189	0.000292
2084 Jun	59.1	0.0518	0.0126	0.000968	13.3	0.0257	4.7	0.000968	0.000968	0.00000484	0.00683	0.00129	0.00935	0.0244	0.00000484	20.3	0.0000182	0.000287
2084 Jul	60.8	0.0529	0.0129	0.001	13.7	0.0267	4.83	0.001	0.001	0.00000502	0.00708	0.00133	0.00969	0.0251	0.00000502	20.8	0.0000188	0.000296
2084 Aug	62.6	0.0544	0.0133	0.00104	14.1	0.0279	4.99	0.00104	0.00104	0.0000052	0.0073	0.00137	0.01	0.0258	0.0000052	21.4	0.0000193	0.000304
2084 Sep	62.1	0.0547	0.0131	0.00104	14	0.0282	4.96	0.00104	0.00104	0.00000518	0.00727	0.00136	0.0101	0.0255	0.00000518	21.2	0.000019	0.000301
2084 Oct	60.8	0.0555	0.0126	0.00102	13.8	0.0282	4.89	0.00102	0.00102	0.00000509	0.00719	0.00133	0.00996	0.0249	0.00000509	20.7	0.0000186	0.000293
2084 Nov	60.4	0.0559	0.0125	0.00101	13.7	0.0283	4.86	0.00101	0.00101	0.00000506	0.00717	0.00132	0.00993	0.0246	0.00000506	20.6	0.0000184	0.000291
2084 Dec	60.4	0.0559	0.0125	0.00101	13.7	0.0283	4.86	0.00101	0.00101	0.00000506	0.00717	0.00132	0.00994	0.0246	0.00000506	20.6	0.0000184	0.000291
2085 Jan	60.4	0.0559	0.0125	0.00101	13.7	0.0283	4.86	0.00101	0.00101	0.00000506	0.00717	0.00132	0.00994	0.0246	0.00000506	20.6	0.0000184	0.000291
2085 Feb	60.4	0.0559	0.0125	0.00101	13.7	0.0283	4.87	0.00101	0.00101	0.00000506	0.00717	0.00132	0.00994	0.0246	0.00000506	20.6	0.0000184	0.000291
2085 Mar	60.4	0.0559	0.0125	0.00101	13.7	0.0283	4.87	0.00101	0.00101	0.00000507	0.00717	0.00132	0.00994	0.0247	0.00000507	20.6	0.0000184	0.000291
2085 Apr	60.6	0.0561	0.0125	0.00102	13.8	0.0284	4.88	0.00102	0.00102	0.00000508	0.0072	0.00133	0.00997	0.0247	0.00000508	20.7	0.0000185	0.000292
2085 May	62.4	0.0571	0.0131	0.00102	14.2	0.0281	5.03	0.00102	0.00102	0.00000511	0.00721	0.00136	0.00995	0.0257	0.00000511	21.4	0.0000187	0.000301
2085 Jun	63	0.0564	0.0135	0.001	14.4	0.027	5.06	0.001	0.001	0.00000502	0.00706	0.00137	0.00969	0.0263	0.00000502	21.8	0.0000187	0.000306
2085 Jul	65.7	0.0585	0.014	0.00105	15	0.0283	5.28	0.00105	0.00105	0.00000526	0.00738	0.00143	0.0101	0.0273	0.00000526	22.7	0.0000195	0.000318
2085 Aug	65.2	0.0579	0.0138	0.00105	14.9	0.0289	5.25	0.00105	0.00105	0.00000527	0.00736	0.00142	0.0102	0.0271	0.00000527	22.5	0.0000191	0.000315
2085 Sep	63.5	0.058	0.0133	0.00104	14.5	0.0291	5.14	0.00104	0.00104	0.00000518	0.00724	0.00139	0.0101	0.0262	0.00000518	21.9	0.0000185	0.000305
2085 Oct	62.1	0.0585	0.0128	0.00102	14.2	0.029	5.06	0.00102	0.00102	0.00000509	0.00715	0.00136	0.01	0.0256	0.00000509	21.3	0.0000181	0.000297
2085 Nov	61.4	0.0588	0.0126	0.00101	14.1	0.029	5.02	0.00101	0.00101	0.00000504	0.00711	0.00134	0.00995	0.0252	0.00000504	21.1	0.0000179	0.000294
2085 Dec	61.5	0.0588	0.0126	0.00101	14.1	0.029	5.02	0.00101	0.00101	0.00000505	0.00711	0.00134	0.00995	0.0252	0.00000505	21.1	0.0000179	0.000294
2086 Jan	61.5	0.0588	0.0126	0.00101	14.1	0.029	5.02	0.00101	0.00101	0.00000505	0.00711	0.00134	0.00995	0.0252	0.00000505	21.1	0.0000179	0.000294
2086 Feb	61.5	0.0588	0.0126	0.00101	14.1	0.029	5.02	0.00101	0.00101	0.00000505	0.00711	0.00134	0.00995	0.0252	0.00000505	21.1	0.0000179	0.000294
2086 Mar	61.5	0.0588	0.0126	0.00101	14.1	0.029	5.02	0.00101	0.00101	0.00000505	0.00711	0.00134	0.00996	0.0252	0.00000505	21.1	0.0000179	0.000294
2086 Apr	61.8	0.0591	0.0127	0.00101	14.2	0.0291	5.04	0.00101	0.00101	0.00000507	0.00715	0.00135	0.01	0.0254	0.00000507	21.2	0.000018	0.000295
2086 May	63.1	0.0601	0.013	0.00103	14.5	0.0294	5.15	0.00103	0.00103	0.00000515	0.00725	0.00138	0.0101	0.026	0.00000515	21.7	0.0000183	0.000302
2086 Jun	60.8	0.055	0.0129	0.000975	13.9	0.0266	4.9	0.000975	0.000975	0.00000487	0.00686	0.00132	0.00948	0.0252	0.00000487	21	0.0000179	0.000294
2086 Jul	62.1	0.0554	0.0131	0.00101	14.1	0.0275	4.98	0.00101	0.00101	0.00000506	0.00712	0.00135	0.00984	0.0257	0.00000506	21.3	0.0000186	0.000301
2086 Aug	63.3	0.0563	0.0133	0.00104	14.4	0.0286	5.09	0.00104	0.00104	0.00000521	0.00728	0.00139	0.0101	0.0261	0.00000521	21.7	0.0000188	0.000306
2086 Sep	62.6	0.0566	0.013	0.00104	14.3	0.029	5.05	0.00104	0.00104	0.00000518	0.00723	0.00137	0.0102	0.0257	0.00000518	21.4	0.0000184	0.000301
2086 Oct	62.4	0.0572	0.0129	0.00103	14.2	0.0292	5.04	0.00103	0.00103	0.00000517	0.00724	0.00137	0.0102	0.0256	0.00000517	21.3	0.0000184	0.0003
2086 Nov	62.5	0.0574	0.013	0.00104	14.3	0.0293	5.06	0.00104	0.00104	0.00000519	0.00726	0.00137	0.0102	0.0256	0.00000519	21.4	0.0000184	0.000301
2086 Dec	62.6	0.0574	0.013	0.00104	14.3	0.0293	5.06	0.00104	0.00104	0.00000519	0.00726	0.00137	0.0102	0.0257	0.00000519	21.4	0.0000184	0.000301
2087 Jan	62.6	0.0574	0.013	0.00104	14.3	0.0293	5.06	0.00104	0.00104	0.00000519	0.00726	0.00137	0.0102	0.0257	0.00000519	21.4	0.0000184	0.000301
2087 Feb	62.6	0.0574	0.013	0.00104	14.3	0.0293	5.06	0.00104	0.00104	0.00000519	0.00727	0.00137	0.0102	0.0257	0.00000519	21.4	0.0000184	0.000301
2087 Mar	62.6	0.0575	0.013	0.00104	14.3	0.0294	5.07	0.00104	0.00104	0.0000052	0.00727	0.00137	0.0102	0.0257	0.0000052	21.4	0.0000185	0.000301
2087 Apr	62.8	0.0576	0.013	0.00104	14.3	0.0294	5.08	0.00104	0.00104	0.00000521	0.00729	0.00138	0.0103	0.0258	0.00000521	21.5	0.0000185	0.000302
2087 May	63.7	0.0581	0.0133	0.00104	14.6	0.0293	5.15	0.00104	0.00104	0.00000522	0.00729	0.00139	0.0102	0.0263	0.00000522	21.9	0.0000186	0.000307
2087 Jun	63.7	0.0565	0.0136	0.00101	14.6	0.0275	5.13	0.00101	0.00101	0.00000506	0.00705	0.00138	0.00981	0.0266	0.00000506	22	0.0000184	0.000308
2087 Jul	65.1	0.0573	0.0139	0.00104	14.9	0.0285	5.24	0.00104	0.00104	0.00000522	0.00726	0.00142	0.0101	0.0271	0.00000522	22.5	0.0000189	0.000315
2087 Aug	67.5	0.0592	0.0144	0.00109	15.4	0.0298	5.43	0.00109	0.00109	0.00000544	0.00753	0.00147	0.0105	0.0281	0.00000544	23.3	0.0000195	0.000326
2087 Sep	68.5	0.0608	0.0145	0.00111	15.7	0.0306	5.53	0.00111	0.00111	0.00000553	0.00767	0.0015	0.0107	0.0285	0.00000553	23.7	0.0000198	0.00033
2087 Oct	67.8	0.0613	0.0143	0.0011	15.5	0.0306	5.49	0.0011	0.0011	0.00000549	0.00765	0.00148	0.0107	0.0282	0.00000549	23.4	0.0000196	0.000326
2087 Nov	67.6	0.0615	0.0142	0.0011	15.5	0.0306	5.48	0.0011	0.0011	0.00000548	0.00764	0.00148	0.0107	0.028	0.00000548	23.3	0.0000195	0.000325
2087 Dec	67.6	0.0615	0.0142	0.0011	15.5	0.0307	5.48	0.0011	0.0011	0.00000548	0.00764	0.00148	0.0107	0.028	0.00000548	23.3	0.0000195	0.000325
2088 Jan	67.6	0.0615	0.0142	0.0011	15.5	0.0307	5.48	0.0011	0.0011	0.00000548	0.00764	0.00148	0.0107	0.028	0.00000548	23.3	0.0000195	0.000325
2088 Feb	67.6	0.0615	0.0142	0.0011	15.5	0.0307	5.48	0.0011	0.0011	0.00000548	0.00764	0.00148	0.0107	0.028	0.00000548	23.3	0.0000195	0.000325
2088 Mar	67.7	0.0616	0.0142	0.0011	15.5	0.0307	5.49	0.0011	0.0011	0.00000549	0.00765	0.00148	0.0107	0.0281	0.00000549	23.3	0.0000196	0.000325
2088 Apr	68.3	0.0622	0.0144	0.00111	15.6	0.031	5.54	0.00111	0.00111	0.00000554	0.00772	0.00149	0.0108	0.0283	0.00000554	23.6	0.0000197	0.000328
2088 May	69.8	0.0635	0.0147	0.00113	16	0.0316	5.66	0.00113	0.00113	0.00000565	0.00787	0.00152	0.011	0.0289	0.00000565	24.1	0.0000202	0.000335
2088 Jun	65.5	0.0573	0.0138	0.00109	14.8	0.0297	5.22	0.00109	0.00109	0.00000547	0.00766	0.00144	0.0107	0.0269	0.00000547	22.4	0.00002	0.000318
2088 Jul	67.1	0.0579	0.0141	0.00114	15.1	0.0306	5.32	0.00114	0.00114	0.00000568	0.00797	0.00148	0.0111	0.0274	0.00000568	22.9	0.0000209	0.000326
2088 Aug	71.2	0.0614	0.0149	0.00121	16	0.0327	5.65	0.00121	0.00121	0.00000603	0.00846	0.00157	0.0118	0.0291	0.00000603	24.2	0.0000221	0.000346
2088 Sep	72.1	0.0626	0.0151	0.00122	16.2	0.0333	5.73	0.00122	0.00122	0.00000612	0.00858	0.00159	0.012	0.0294	0.00000612	24.5	0.0000223	0.00035
2088 Oct	69.1	0.0627	0.0142	0.00118	15.6	0.0328	5.54	0.00118	0.00118	0.0000059	0.00832	0.00152	0.0116	0.0281	0.0000059	23.5	0.0000214	0.000334
2088 Nov	68.6	0.0629	0.0141	0.00117	15.5	0.0328	5.51	0.00117	0.00117	0.00000586	0.00829	0.00151	0.0116	0.0278	0.00000586	23.3	0.0000212	0.000331
2088 Dec	68.7	0.063	0.0141	0.00117	15.5	0.0328	5.51	0.00117	0.00117	0.00000586	0.00829	0.00151	0.0116	0.0278	0.00000586	23.3	0.0000212	0.000331
2089 Jan	68.7	0.063	0.0141	0.00117	15.5	0.0328	5.51	0.00117	0.00117	0.00000586	0.00829	0.00151	0.0116	0.0278	0.00000586	23.3	0.0000212	0.000331
2089 Feb	68.7	0.063	0.0141	0.00117	15.5	0.0328	5.51	0.00117	0.00117	0.00000586	0.00829	0.00151	0.0116	0.0278	0.00000586	23.3	0.0000212	0.000331
2089 Mar	68.8	0.0631	0.0141	0.00117	15.5	0.0328	5.52	0.00117	0.00117	0.00000587	0.0083	0.00151	0.0116	0.0279	0.00000587	23.3	0.0000213	0.000332
2089 Apr	69.2	0.0634	0.0142	0.00118	15.6	0.033	5.55	0.00118	0.00118	0.00000591	0.00835	0.00152	0.0116	0.028	0.00000591	23.5	0.0000214	0.000333
2089 May	70.5	0.0641	0.0146	0.00118	16	0.0328	5.66	0.00118	0.00118	0.00000591	0.00835	0.00154	0.0116	0.0288	0.00000591	24	0.0000215	0.00034
2089 Jun	70.8	0.0629	0.015	0.00115	16.1	0.0311	5.67	0.00115	0.00115	0.00000575	0.00809	0.00154	0.0112	0.0293	0.00000575	24.3	0.0000213	0.000344
2089 Jul	72.7	0.0642	0.0154	0.00119	16.5	0.0323	5.83	0.00119	0.00119	0.00000595	0.00834	0.00159	0.0115	0.0301	0.00000595	25	0.0000218	0.000352
2089 Aug	74.9	0.0657	0.0158	0.00123	17	0.0337	6	0.00123	0.00123	0.00000617	0.00861	0.00164	0.0119	0.031	0.00000617	25.7	0.0000224	0.000362
2089 Sep	74.9	0.0668	0.0157	0.00124	17	0.0341	6.02	0.00124	0.00124	0.00000619	0.00865	0.00164	0.012	0.0309	0.00000619	25.7	0.0000224	0.000361
2089 Oct	71.3	0.0666	0.0147	0.00118	16.3	0.0334	5.78	0.00118	0.00118	0.00000592	0.00835	0.00156	0.0116	0.0292	0.00000592	24.4	0.0000213	0.000341

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Nov	71	0.0668	0.0146	0.00118	16.2	0.0335	5.77	0.00118	0.00118	0.00000591	0.00834	0.00156	0.0116	0.0291	0.00000591	24.3	0.0000212	0.00034
2089 Dec	71.1	0.0668	0.0146	0.00118	16.2	0.0335	5.77	0.00118	0.00118	0.00000591	0.00834	0.00156	0.0116	0.0291	0.00000591	24.3	0.0000212	0.00034
2090 Jan	71.1	0.0669	0.0146	0.00118	16.2	0.0335	5.77	0.00118	0.00118	0.00000591	0.00835	0.00156	0.0116	0.0291	0.00000591	24.3	0.0000212	0.00034
2090 Feb	71.1	0.0669	0.0146	0.00118	16.2	0.0335	5.77	0.00118	0.00118	0.00000592	0.00835	0.00156	0.0116	0.0291	0.00000592	24.3	0.0000212	0.00034
2090 Mar	71.2	0.067	0.0147	0.00118	16.2	0.0336	5.78	0.00118	0.00118	0.00000592	0.00836	0.00156	0.0116	0.0292	0.00000592	24.3	0.0000212	0.000341
2090 Apr	71.4	0.0672	0.0147	0.00119	16.3	0.0337	5.8	0.00119	0.00119	0.00000594	0.00839	0.00157	0.0116	0.0293	0.00000594	24.4	0.0000213	0.000342
2090 May	72.4	0.068	0.0149	0.0012	16.5	0.034	5.88	0.0012	0.0012	0.000006	0.00847	0.00159	0.0117	0.0297	0.000006	24.8	0.0000216	0.000347
2090 Jun	68.5	0.0617	0.0145	0.00111	15.6	0.0301	5.51	0.00111	0.00111	0.00000554	0.0078	0.00149	0.0107	0.0284	0.00000554	23.6	0.0000204	0.000331
2090 Jul	69.9	0.0623	0.0148	0.00114	15.9	0.031	5.61	0.00114	0.00114	0.00000572	0.00805	0.00153	0.0111	0.0289	0.00000572	24	0.0000211	0.000339
2090 Aug	68.1	0.0606	0.0143	0.00113	15.5	0.0314	5.48	0.00113	0.00113	0.00000565	0.00787	0.00149	0.011	0.028	0.00000565	23.3	0.0000202	0.000328
2090 Sep	65.8	0.0607	0.0135	0.0011	15	0.0313	5.33	0.0011	0.0011	0.0000055	0.00769	0.00144	0.0108	0.0269	0.0000055	22.5	0.0000194	0.000315
2090 Oct	62.7	0.0615	0.0126	0.00106	14.4	0.031	5.13	0.00106	0.00106	0.00000528	0.00747	0.00138	0.0105	0.0254	0.00000528	21.3	0.0000185	0.000298
2090 Nov	61.8	0.0615	0.0124	0.00104	14.2	0.0308	5.08	0.00104	0.00104	0.00000522	0.0074	0.00136	0.0104	0.025	0.00000522	21	0.0000182	0.000293
2090 Dec	61.9	0.0616	0.0124	0.00104	14.2	0.0308	5.08	0.00104	0.00104	0.00000522	0.00741	0.00136	0.0104	0.0251	0.00000522	21	0.0000182	0.000293
2091 Jan	61.9	0.0616	0.0124	0.00104	14.2	0.0308	5.08	0.00104	0.00104	0.00000522	0.00741	0.00136	0.0104	0.0251	0.00000522	21	0.0000182	0.000293
2091 Feb	61.9	0.0616	0.0124	0.00104	14.2	0.0309	5.08	0.00104	0.00104	0.00000522	0.00741	0.00136	0.0104	0.0251	0.00000522	21	0.0000182	0.000294
2091 Mar	62	0.0617	0.0124	0.00105	14.2	0.0309	5.09	0.00105	0.00105	0.00000523	0.00742	0.00136	0.0104	0.0251	0.00000523	21.1	0.0000183	0.000294
2091 Apr	62.4	0.0621	0.0125	0.00105	14.3	0.0311	5.12	0.00105	0.00105	0.00000526	0.00747	0.00137	0.0105	0.0253	0.00000526	21.2	0.0000184	0.000296
2091 May	63.9	0.0632	0.0129	0.00107	14.7	0.0313	5.25	0.00107	0.00107	0.00000534	0.00756	0.0014	0.0106	0.026	0.00000534	21.8	0.0000187	0.000304
2091 Jun	63.8	0.0602	0.0134	0.00102	14.7	0.0287	5.2	0.00102	0.00102	0.0000051	0.0072	0.00138	0.00999	0.0264	0.0000051	22	0.0000184	0.000306
2091 Jul	66.9	0.0627	0.014	0.00108	15.3	0.0302	5.44	0.00108	0.00108	0.00000538	0.00759	0.00145	0.0105	0.0277	0.00000538	23	0.0000195	0.000321
2091 Aug	66.6	0.0623	0.0138	0.00108	15.3	0.0309	5.42	0.00108	0.00108	0.00000542	0.00758	0.00145	0.0107	0.0275	0.00000542	22.9	0.0000191	0.000319
2091 Sep	65.7	0.0621	0.0135	0.00108	15.1	0.0312	5.37	0.00108	0.00108	0.00000539	0.00752	0.00144	0.0107	0.027	0.00000539	22.6	0.0000187	0.000314
2091 Oct	64	0.0623	0.013	0.00105	14.8	0.031	5.26	0.00105	0.00105	0.00000527	0.0074	0.0014	0.0105	0.0262	0.00000527	21.9	0.0000182	0.000305
2091 Nov	62.7	0.0624	0.0126	0.00104	14.5	0.0308	5.17	0.00104	0.00104	0.00000518	0.0073	0.00137	0.0104	0.0256	0.00000518	21.4	0.0000179	0.000297
2091 Dec	62.7	0.0625	0.0126	0.00104	14.5	0.0308	5.17	0.00104	0.00104	0.00000518	0.0073	0.00137	0.0104	0.0256	0.00000518	21.4	0.0000179	0.000297
2092 Jan	62.7	0.0625	0.0126	0.00104	14.5	0.0308	5.17	0.00104	0.00104	0.00000518	0.00731	0.00137	0.0104	0.0256	0.00000518	21.4	0.0000179	0.000297
2092 Feb	62.7	0.0625	0.0126	0.00104	14.5	0.0308	5.17	0.00104	0.00104	0.00000518	0.00731	0.00137	0.0104	0.0256	0.00000518	21.5	0.0000179	0.000297
2092 Mar	62.8	0.0626	0.0127	0.00104	14.5	0.0309	5.18	0.00104	0.00104	0.00000519	0.00732	0.00137	0.0104	0.0256	0.00000519	21.5	0.0000179	0.000298
2092 Apr	63.2	0.063	0.0127	0.00104	14.6	0.0311	5.21	0.00104	0.00104	0.00000522	0.00736	0.00138	0.0105	0.0258	0.00000522	21.6	0.000018	0.0003
2092 May	64.7	0.0639	0.0132	0.00106	15	0.0311	5.33	0.00106	0.00106	0.00000528	0.00743	0.00141	0.0105	0.0265	0.00000528	22.2	0.0000183	0.000308
2092 Jun	61.2	0.0569	0.013	0.000962	14.1	0.0268	4.98	0.000962	0.000962	0.00000481	0.00675	0.00132	0.00941	0.0255	0.00000481	21.2	0.0000174	0.000295
2092 Jul	60.9	0.0557	0.0129	0.000974	13.9	0.0269	4.92	0.000974	0.000974	0.00000487	0.00683	0.00132	0.00952	0.0253	0.00000487	21	0.0000177	0.000294
2092 Aug	63.4	0.058	0.0134	0.00102	14.5	0.0283	5.13	0.00102	0.00102	0.00000509	0.00712	0.00138	0.00997	0.0263	0.00000509	21.9	0.0000183	0.000306
2092 Sep	63.4	0.0584	0.0133	0.00102	14.5	0.0287	5.14	0.00102	0.00102	0.00000511	0.00715	0.00138	0.0101	0.0262	0.00000511	21.8	0.0000182	0.000305
2092 Oct	62.8	0.0589	0.0131	0.00102	14.4	0.0288	5.11	0.00102	0.00102	0.00000508	0.00713	0.00137	0.01	0.0259	0.00000508	21.6	0.0000181	0.000302
2092 Nov	62.8	0.0591	0.0131	0.00102	14.4	0.0289	5.11	0.00102	0.00102	0.00000508	0.00713	0.00136	0.01	0.0259	0.00000508	21.6	0.0000181	0.000302
2092 Dec	62.8	0.0592	0.0131	0.00102	14.4	0.0289	5.11	0.00102	0.00102	0.00000508	0.00714	0.00137	0.0101	0.0259	0.00000508	21.6	0.0000181	0.000302
2093 Jan	62.8	0.0592	0.0131	0.00102	14.4	0.0289	5.11	0.00102	0.00102	0.00000508	0.00714	0.00137	0.0101	0.0259	0.00000508	21.6	0.0000181	0.000302
2093 Feb	62.8	0.0592	0.0131	0.00102	14.4	0.0289	5.12	0.00102	0.00102	0.00000508	0.00714	0.00137	0.0101	0.0259	0.00000508	21.6	0.0000181	0.000302
2093 Mar	63	0.0594	0.0131	0.00102	14.5	0.029	5.13	0.00102	0.00102	0.0000051	0.00716	0.00137	0.0101	0.026	0.0000051	21.7	0.0000181	0.000303
2093 Apr	63.4	0.0597	0.0132	0.00103	14.6	0.0292	5.16	0.00103	0.00103	0.00000513	0.0072	0.00138	0.0101	0.0261	0.00000513	21.8	0.0000182	0.000305
2093 May	64.9	0.0608	0.0136	0.00104	14.9	0.0293	5.28	0.00104	0.00104	0.0000052	0.00729	0.00141	0.0102	0.0269	0.0000052	22.4	0.0000186	0.000312
2093 Jun	63.8	0.0576	0.0137	0.000992	14.6	0.027	5.16	0.000992	0.000992	0.00000496	0.00694	0.00137	0.00965	0.0267	0.00000496	22.2	0.0000182	0.000309
2093 Jul	65.9	0.059	0.0141	0.00104	15.1	0.0282	5.32	0.00104	0.00104	0.00000518	0.00723	0.00143	0.0101	0.0276	0.00000518	22.9	0.0000189	0.000319
2093 Aug	68	0.0608	0.0146	0.00107	15.6	0.0294	5.49	0.00107	0.00107	0.00000537	0.00747	0.00147	0.0104	0.0284	0.00000537	23.6	0.0000194	0.000329
2093 Sep	67.9	0.0617	0.0144	0.00108	15.6	0.0298	5.5	0.00108	0.00108	0.00000538	0.0075	0.00147	0.0105	0.0283	0.00000538	23.5	0.0000194	0.000328
2093 Oct	64.6	0.0618	0.0134	0.00103	14.9	0.0294	5.28	0.00103	0.00103	0.00000516	0.00727	0.0014	0.0102	0.0267	0.00000516	22.3	0.0000185	0.00031
2093 Nov	63.7	0.0624	0.0131	0.00102	14.7	0.0295	5.23	0.00102	0.00102	0.00000511	0.00723	0.00138	0.0101	0.0263	0.00000511	21.9	0.0000182	0.000304
2093 Dec	63.7	0.0624	0.0131	0.00102	14.7	0.0295	5.23	0.00102	0.00102	0.00000511	0.00724	0.00138	0.0101	0.0263	0.00000511	21.9	0.0000182	0.000304
2094 Jan	63.7	0.0625	0.0131	0.00102	14.7	0.0295	5.23	0.00102	0.00102	0.00000511	0.00724	0.00138	0.0101	0.0263	0.00000511	22	0.0000182	0.000304
2094 Feb	63.7	0.0625	0.0131	0.00102	14.7	0.0295	5.23	0.00102	0.00102	0.00000511	0.00724	0.00138	0.0101	0.0263	0.00000511	22	0.0000182	0.000304
2094 Mar	63.8	0.0626	0.0132	0.00102	14.7	0.0296	5.24	0.00102	0.00102	0.00000512	0.00725	0.00138	0.0101	0.0263	0.00000512	22	0.0000182	0.000305
2094 Apr	64.1	0.0628	0.0132	0.00103	14.8	0.0297	5.26	0.00103	0.00103	0.00000514	0.00728	0.00139	0.0102	0.0264	0.00000514	22.1	0.0000183	0.000306
2094 May	65	0.063	0.0136	0.00103	15	0.0293	5.33	0.00103	0.00103	0.00000513	0.00725	0.00141	0.0101	0.027	0.00000513	22.5	0.0000184	0.000311
2094 Jun	66.3	0.0624	0.0142	0.00102	15.3	0.0282	5.42	0.00102	0.00102	0.0000051	0.00717	0.00143	0.00991	0.0279	0.0000051	23.1	0.0000186	0.00032
2094 Jul	70.4	0.0659	0.015	0.00109	16.3	0.0301	5.74	0.00109	0.00109	0.00000543	0.00764	0.00151	0.0106	0.0295	0.00000543	24.5	0.0000198	0.000339
2094 Aug	74.7	0.0699	0.0159	0.00116	17.3	0.0321	6.1	0.00116	0.00116	0.00000578	0.00811	0.00161	0.0112	0.0313	0.00000578	26	0.000021	0.00036
2094 Sep	74.3	0.0709	0.0157	0.00116	17.2	0.0325	6.09	0.00116	0.00116	0.00000578	0.00813	0.0016	0.0113	0.0311	0.00000578	25.8	0.0000209	0.000357
2094 Oct	72	0.0708	0.015	0.00113	16.7	0.0322	5.93	0.00113	0.00113	0.00000563	0.00797	0.00155	0.0111	0.03	0.00000563	25	0.0000202	0.000344
2094 Nov	69.7	0.0706	0.0143	0.0011	16.2	0.032	5.77	0.0011	0.0011	0.00000548	0.00782	0.0015	0.0108	0.0289	0.00000548	24.1	0.0000196	0.000332
2094 Dec	69.5	0.0706	0.0143	0.00109	16.2	0.0319	5.76	0.00109	0.00109	0.00000547	0.00781	0.0015	0.0108	0.0288	0.00000547	24.1	0.0000196	0.000331
2095 Jan	69.6	0.0706	0.0143	0.0011	16.2	0.0319	5.76	0.0011	0.0011	0.00000548	0.00781	0.0015	0.0108	0.0288	0.00000548	24.1	0.0000196	0.000331
2095 Feb	69.6	0.0706	0.0143	0.0011	16.2	0.032	5.76	0.0011	0.0011	0.00000548	0.00781	0.0015	0.0108	0.0288	0.00000548	24.1	0.0000196	0.000331
2095 Mar	69.6	0.0707	0.0143	0.0011	16.2	0.032	5.77	0.0011	0.0011	0.00000548	0.00782	0.0015	0.0108	0.0289	0.00000548	24.1	0.0000196	0.000331
2095 Apr	70	0.071	0.0144	0.0011	16.3	0.0321	5.8	0.0011	0.0011	0.00000551	0.00786	0.00151	0.0109	0.029	0.00000551	24.2	0.0000197	0.000333
2095 May	70.9	0.0711	0.0148	0.0011	16.5	0.0317	5.87	0.0011	0.0011	0.0000055	0.00782	0.00153	0.0108	0.0296	0.0000055	24.6	0.0000198	0.000338

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Jun	72.8	0.0714	0.0154	0.00111	16.9	0.0313	6	0.00111	0.00111	0.00000554	0.00786	0.00156	0.0108	0.0306	0.00000554	25.4	0.0000202	0.000349
2095 Jul	77	0.0752	0.0163	0.00118	17.9	0.0334	6.35	0.00118	0.00118	0.00000589	0.00833	0.00165	0.0115	0.0324	0.00000589	26.9	0.0000213	0.000369
2095 Aug	76	0.0739	0.016	0.00117	17.7	0.0337	6.27	0.00117	0.00117	0.00000587	0.00825	0.00164	0.0115	0.0319	0.00000587	26.5	0.0000209	0.000363
2095 Sep	75.7	0.074	0.0158	0.00118	17.6	0.0341	6.26	0.00118	0.00118	0.00000589	0.00825	0.00164	0.0116	0.0316	0.00000589	26.3	0.0000206	0.00036
2095 Oct	75.5	0.0743	0.0157	0.00118	17.6	0.0343	6.25	0.00118	0.00118	0.00000588	0.00825	0.00163	0.0116	0.0315	0.00000588	26.2	0.0000206	0.000359
2095 Nov	74.2	0.0743	0.0153	0.00116	17.3	0.0341	6.16	0.00116	0.00116	0.0000058	0.00817	0.0016	0.0114	0.0309	0.0000058	25.8	0.0000203	0.000352
2095 Dec	74.1	0.0743	0.0153	0.00116	17.3	0.0341	6.15	0.00116	0.00116	0.00000579	0.00816	0.0016	0.0114	0.0308	0.00000579	25.7	0.0000202	0.000351
2096 Jan	74.1	0.0743	0.0153	0.00116	17.3	0.0341	6.15	0.00116	0.00116	0.00000579	0.00816	0.0016	0.0114	0.0308	0.00000579	25.7	0.0000202	0.000352
2096 Feb	74.1	0.0744	0.0153	0.00116	17.3	0.0341	6.16	0.00116	0.00116	0.0000058	0.00817	0.0016	0.0114	0.0309	0.0000058	25.7	0.0000203	0.000352
2096 Mar	74.2	0.0744	0.0153	0.00116	17.3	0.0341	6.16	0.00116	0.00116	0.0000058	0.00818	0.0016	0.0114	0.0309	0.0000058	25.8	0.0000203	0.000352
2096 Apr	74.6	0.0748	0.0154	0.00117	17.4	0.0343	6.19	0.00117	0.00117	0.00000583	0.00822	0.00161	0.0115	0.031	0.00000583	25.9	0.0000204	0.000354
2096 May	75.6	0.0754	0.0157	0.00117	17.7	0.0343	6.27	0.00117	0.00117	0.00000587	0.00826	0.00163	0.0115	0.0316	0.00000587	26.3	0.0000206	0.000359
2096 Jun	68.5	0.0647	0.0145	0.00107	15.8	0.0298	5.59	0.00107	0.00107	0.00000534	0.00753	0.00148	0.0104	0.0286	0.00000534	23.8	0.0000194	0.00033
2096 Jul	69.8	0.0651	0.0148	0.0011	16	0.0306	5.67	0.0011	0.0011	0.00000551	0.00777	0.00151	0.0108	0.0291	0.00000551	24.2	0.0000201	0.000336
2096 Aug	73.3	0.0684	0.0155	0.00116	16.9	0.0324	5.96	0.00116	0.00116	0.00000581	0.00817	0.00159	0.0113	0.0305	0.00000581	25.4	0.0000211	0.000353
2096 Sep	72.3	0.0689	0.0151	0.00115	16.7	0.0326	5.91	0.00115	0.00115	0.00000576	0.00813	0.00157	0.0113	0.03	0.00000576	25	0.0000207	0.000347
2096 Oct	69.3	0.0692	0.0142	0.00111	16	0.0323	5.71	0.00111	0.00111	0.00000557	0.00792	0.0015	0.011	0.0286	0.00000557	23.9	0.0000199	0.000331
2096 Nov	69	0.0696	0.0141	0.00111	16	0.0324	5.69	0.00111	0.00111	0.00000555	0.00792	0.0015	0.011	0.0284	0.00000555	23.7	0.0000198	0.000329
2096 Dec	69	0.0696	0.0141	0.00111	16	0.0324	5.69	0.00111	0.00111	0.00000555	0.00792	0.0015	0.011	0.0284	0.00000555	23.7	0.0000198	0.000329
2097 Jan	69	0.0696	0.0141	0.00111	16	0.0324	5.69	0.00111	0.00111	0.00000555	0.00792	0.0015	0.011	0.0284	0.00000555	23.7	0.0000198	0.000329
2097 Feb	69	0.0696	0.0141	0.00111	16	0.0324	5.69	0.00111	0.00111	0.00000556	0.00792	0.0015	0.011	0.0284	0.00000556	23.7	0.0000198	0.000329
2097 Mar	69.1	0.0697	0.0141	0.00111	16	0.0325	5.7	0.00111	0.00111	0.00000556	0.00793	0.0015	0.011	0.0284	0.00000556	23.8	0.0000198	0.000329
2097 Apr	69.5	0.0701	0.0142	0.00112	16.1	0.0327	5.74	0.00112	0.00112	0.00000559	0.00798	0.00151	0.0111	0.0286	0.00000559	23.9	0.0000199	0.000331
2097 May	71.1	0.0712	0.0146	0.00113	16.5	0.0329	5.86	0.00113	0.00113	0.00000567	0.00808	0.00154	0.0112	0.0293	0.00000567	24.5	0.0000203	0.000339
2097 Jun	70.9	0.069	0.0149	0.00111	16.4	0.0313	5.82	0.00111	0.00111	0.00000554	0.00787	0.00153	0.0109	0.0295	0.00000554	24.6	0.0000202	0.00034
2097 Jul	74.6	0.0722	0.0156	0.00117	17.2	0.0331	6.11	0.00117	0.00117	0.00000586	0.00831	0.00161	0.0115	0.031	0.00000586	25.8	0.0000213	0.000358
2097 Aug	76.9	0.0742	0.0161	0.00121	17.8	0.0345	6.3	0.00121	0.00121	0.00000607	0.00858	0.00166	0.0119	0.032	0.00000607	26.6	0.0000219	0.000368
2097 Sep	77.9	0.0756	0.0162	0.00123	18	0.0352	6.39	0.00123	0.00123	0.00000616	0.00871	0.00169	0.0121	0.0324	0.00000616	27	0.0000221	0.000373
2097 Oct	77.1	0.0758	0.016	0.00122	17.9	0.0352	6.34	0.00122	0.00122	0.00000612	0.00867	0.00167	0.012	0.032	0.00000612	26.7	0.0000219	0.000368
2097 Nov	76.6	0.0758	0.0158	0.00122	17.7	0.0351	6.31	0.00122	0.00122	0.00000608	0.00863	0.00166	0.012	0.0317	0.00000608	26.4	0.0000217	0.000365
2097 Dec	76.6	0.0758	0.0158	0.00122	17.7	0.0351	6.31	0.00122	0.00122	0.00000608	0.00863	0.00166	0.012	0.0317	0.00000608	26.4	0.0000217	0.000365
2098 Jan	76.6	0.0758	0.0158	0.00122	17.7	0.0351	6.31	0.00122	0.00122	0.00000608	0.00863	0.00166	0.012	0.0317	0.00000608	26.4	0.0000217	0.000365
2098 Feb	76.6	0.0758	0.0158	0.00122	17.7	0.0351	6.31	0.00122	0.00122	0.00000608	0.00863	0.00166	0.012	0.0317	0.00000608	26.5	0.0000217	0.000365
2098 Mar	76.6	0.0759	0.0158	0.00122	17.7	0.0351	6.31	0.00122	0.00122	0.00000609	0.00863	0.00166	0.012	0.0317	0.00000609	26.5	0.0000218	0.000366
2098 Apr	77	0.0762	0.0159	0.00122	17.8	0.0352	6.34	0.00122	0.00122	0.00000611	0.00866	0.00167	0.012	0.0319	0.00000611	26.6	0.0000218	0.000367
2098 May	78.2	0.0762	0.0164	0.00121	18.2	0.0344	6.44	0.00121	0.00121	0.00000605	0.00856	0.00168	0.0118	0.0327	0.00000605	27.2	0.0000218	0.000374
2098 Jun	72.5	0.0677	0.0157	0.00109	16.8	0.0296	5.92	0.00109	0.00109	0.00000544	0.00765	0.00155	0.0105	0.0307	0.00000544	25.4	0.0000201	0.00035
2098 Jul	76.2	0.0708	0.0165	0.00115	17.6	0.0313	6.21	0.00115	0.00115	0.00000575	0.00808	0.00163	0.0111	0.0323	0.00000575	26.7	0.0000213	0.000368
2098 Aug	76.9	0.0714	0.0165	0.00117	17.8	0.0322	6.28	0.00117	0.00117	0.00000585	0.00818	0.00165	0.0113	0.0325	0.00000585	26.9	0.0000213	0.000371
2098 Sep	73.6	0.0704	0.0156	0.00113	17.1	0.0319	6.04	0.00113	0.00113	0.00000565	0.00794	0.00158	0.0111	0.0309	0.00000565	25.7	0.0000203	0.000353
2098 Oct	70.3	0.0702	0.0146	0.00109	16.4	0.0316	5.81	0.00109	0.00109	0.00000545	0.00772	0.00151	0.0107	0.0293	0.00000545	24.4	0.0000194	0.000335
2098 Nov	69.4	0.0702	0.0143	0.00108	16.2	0.0315	5.75	0.00108	0.00108	0.00000539	0.00766	0.00149	0.0107	0.0288	0.00000539	24.1	0.0000192	0.00033
2098 Dec	69.4	0.0702	0.0144	0.00108	16.2	0.0315	5.76	0.00108	0.00108	0.0000054	0.00767	0.00149	0.0107	0.0289	0.0000054	24.1	0.0000192	0.00033
2099 Jan	69.4	0.0702	0.0144	0.00108	16.2	0.0315	5.76	0.00108	0.00108	0.0000054	0.00767	0.00149	0.0107	0.0289	0.0000054	24.1	0.0000192	0.00033
2099 Feb	69.4	0.0703	0.0144	0.00108	16.2	0.0315	5.76	0.00108	0.00108	0.0000054	0.00767	0.00149	0.0107	0.0289	0.0000054	24.1	0.0000192	0.00033
2099 Mar	69.6	0.0704	0.0144	0.00108	16.2	0.0316	5.77	0.00108	0.00108	0.00000541	0.00769	0.0015	0.0107	0.0289	0.00000541	24.1	0.0000192	0.000331
2099 Apr	70.3	0.0711	0.0146	0.00109	16.4	0.0318	5.83	0.00109	0.00109	0.00000546	0.00775	0.00151	0.0108	0.0293	0.00000546	24.4	0.0000194	0.000335
2099 May	72.6	0.0712	0.0156	0.00106	17.1	0.0299	6.02	0.00106	0.00106	0.00000529	0.00744	0.00154	0.0103	0.031	0.00000529	25.6	0.0000192	0.000348
2099 Jun	71.3	0.0686	0.0155	0.00103	16.7	0.0286	5.89	0.00103	0.00103	0.00000515	0.00724	0.00151	0.00993	0.0305	0.00000515	25.2	0.0000189	0.000343
2099 Jul	74.8	0.0715	0.0162	0.00109	17.5	0.0302	6.17	0.00109	0.00109	0.00000544	0.00763	0.00159	0.0105	0.032	0.00000544	26.4	0.0000199	0.000359
2099 Aug	78	0.0746	0.0169	0.00114	18.3	0.0319	6.45	0.00114	0.00114	0.00000571	0.00798	0.00166	0.011	0.0333	0.00000571	27.5	0.0000206	0.000375
2099 Sep	76.2	0.0739	0.0163	0.00112	17.9	0.032	6.31	0.00112	0.00112	0.00000562	0.00785	0.00163	0.0109	0.0324	0.00000562	26.8	0.00002	0.000365
2099 Oct	74	0.0736	0.0157	0.0011	17.4	0.0318	6.16	0.0011	0.0011	0.0000055	0.00773	0.00158	0.0108	0.0313	0.0000055	26	0.0000195	0.000353
2099 Nov	72.6	0.0733	0.0153	0.00108	17.1	0.0315	6.05	0.00108	0.00108	0.00000541	0.00763	0.00155	0.0106	0.0306	0.00000541	25.5	0.0000192	0.000345
2099 Dec	72.6	0.0733	0.0153	0.00108	17.1	0.0316	6.06	0.00108	0.00108	0.00000542	0.00764	0.00155	0.0106	0.0307	0.00000542	25.5	0.0000192	0.000346
2100 Jan	72.6	0.0734	0.0153	0.00108	17.1	0.0316	6.06	0.00108	0.00108	0.00000542	0.00764	0.00155	0.0106	0.0307	0.00000542	25.5	0.0000192	0.000346
2100 Feb	72.6	0.0734	0.0153	0.00108	17.1	0.0316	6.06	0.00108	0.00108	0.00000542	0.00764	0.00155	0.0106	0.0307	0.00000542	25.5	0.0000192	0.000346
2100 Mar	72.7	0.0734	0.0153	0.00108	17.1	0.0316	6.06	0.00108	0.00108	0.00000542	0.00764	0.00155	0.0106	0.0307	0.00000542	25.5	0.0000192	0.000346
2100 Apr	73.2	0.0739	0.0154	0.00109	17.2	0.0318	6.1	0.00109	0.00109	0.00000546	0.0077	0.00156	0.0107	0.0309	0.00000546	25.7	0.0000193	0.000348
2100 May	74.6	0.074	0.0159	0.00109	17.5	0.0313	6.21	0.00109	0.00109	0.00000546	0.00768	0.00159	0.0106	0.0317	0.00000546	26.3	0.0000195	0.000356
2100 Jun	70.1	0.0668	0.0153	0.00101	16.4	0.0278	5.78	0.00101	0.00101	0.00000505	0.00709	0.00149	0.00974	0.03	0.00000505	24.8	0.0000186	0.000338
2100 Jul	70.7	0.0668	0.0154	0.00103	16.5	0.0283	5.81	0.00103	0.00103	0.00000515	0.00723	0.0015	0.00993	0.0302	0.00000515	24.9	0.000019	0.000341
2100 Aug	69.8	0.0658	0.0151	0.00103	16.3	0.0287	5.75	0.00103	0.00103	0.00000515	0.00717	0.00149	0.00998	0.0297	0.00000515	24.6	0.0000185	0.000336
2100 Sep	69.3	0.0658	0.0149	0.00103	16.2	0.0292	5.72	0.00103	0.00103	0.00000515	0.00716	0.00148	0.0101	0.0294	0.00000515	24.4	0.0000183	0.000333
2100 Oct	69.3	0.0663	0.0148	0.00103	16.2	0.0293	5.72	0.00103	0.00103	0.00000516	0.00718	0.00148	0.0101	0.0294	0.00000516	24.4	0.0000183	0.000332
2100 Nov	69.4	0.0665	0.0148	0.00103	16.2	0.0294	5.73	0.00103	0.00103	0.00000517	0.0072	0.00148	0.0101	0.0294	0.00000517	24.4	0.0000183	0.000333
2100 Dec	69.4	0.0665	0.0149	0.00103	16.3	0.0294	5.74	0.00103	0.00103	0.00000517	0.0072	0.00149	0.0101	0.0294	0.00000517	24.4	0.0000183	0.000333

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2101 Jan	69.4	0.0665	0.0149	0.00104	16.3	0.0294	5.74	0.00104	0.00104	0.00000518	0.00721	0.00149	0.0101	0.0294	0.00000518	24.4	0.0000183	0.000333
2101 Feb	69.5	0.0665	0.0149	0.00104	16.3	0.0294	5.74	0.00104	0.00104	0.00000518	0.00721	0.00149	0.0101	0.0294	0.00000518	24.4	0.0000183	0.000333
2101 Mar	69.5	0.0666	0.0149	0.00104	16.3	0.0295	5.74	0.00104	0.00104	0.00000518	0.00721	0.00149	0.0101	0.0294	0.00000518	24.4	0.0000183	0.000333
2101 Apr	69.8	0.0668	0.0149	0.00104	16.3	0.0296	5.76	0.00104	0.00104	0.0000052	0.00724	0.00149	0.0102	0.0296	0.0000052	24.5	0.0000184	0.000334
2101 May	71.2	0.0673	0.0154	0.00104	16.7	0.0292	5.87	0.00104	0.00104	0.00000521	0.00724	0.00152	0.0101	0.0304	0.00000521	25.1	0.0000186	0.000342
2101 Jun	69.4	0.0639	0.0153	0.001	16.2	0.0273	5.69	0.001	0.001	0.00000501	0.00696	0.00148	0.00965	0.0298	0.00000501	24.6	0.0000183	0.000336
2101 Jul	73.1	0.067	0.0161	0.00106	17	0.0288	5.98	0.00106	0.00106	0.0000053	0.00736	0.00156	0.0102	0.0313	0.0000053	25.8	0.0000194	0.000353
2101 Aug	76.6	0.0702	0.0168	0.00111	17.9	0.0304	6.27	0.00111	0.00111	0.00000557	0.00772	0.00163	0.0107	0.0328	0.00000557	27.1	0.0000202	0.00037
2101 Sep	75.1	0.07	0.0163	0.0011	17.6	0.0307	6.17	0.0011	0.0011	0.00000552	0.00765	0.0016	0.0107	0.032	0.00000552	26.5	0.0000198	0.000362
2101 Oct	74.5	0.0705	0.0161	0.0011	17.4	0.0309	6.14	0.0011	0.0011	0.0000055	0.00764	0.00159	0.0107	0.0317	0.0000055	26.3	0.0000196	0.000358
2101 Nov	72.9	0.0702	0.0156	0.00108	17.1	0.0306	6.02	0.00108	0.00108	0.0000054	0.00754	0.00156	0.0106	0.0309	0.0000054	25.6	0.0000192	0.00035
2101 Dec	72.8	0.0702	0.0156	0.00108	17.1	0.0307	6.02	0.00108	0.00108	0.0000054	0.00754	0.00155	0.0106	0.0309	0.0000054	25.6	0.0000192	0.000349
2102 Jan	72.8	0.0702	0.0156	0.00108	17.1	0.0307	6.02	0.00108	0.00108	0.0000054	0.00754	0.00155	0.0106	0.0309	0.0000054	25.6	0.0000192	0.000349
2102 Feb	72.8	0.0703	0.0156	0.00108	17.1	0.0307	6.02	0.00108	0.00108	0.0000054	0.00754	0.00155	0.0106	0.0309	0.0000054	25.6	0.0000192	0.000349
2102 Mar	72.9	0.0703	0.0156	0.00108	17.1	0.0307	6.02	0.00108	0.00108	0.0000054	0.00754	0.00156	0.0106	0.0309	0.0000054	25.6	0.0000192	0.000349
2102 Apr	73.1	0.0705	0.0157	0.00108	17.1	0.0308	6.04	0.00108	0.00108	0.00000542	0.00757	0.00156	0.0106	0.031	0.00000542	25.7	0.0000193	0.000351
2102 May	74.2	0.0716	0.0159	0.0011	17.4	0.0312	6.13	0.0011	0.0011	0.0000055	0.00768	0.00158	0.0108	0.0315	0.0000055	26.1	0.0000196	0.000356
2102 Jun	66.3	0.0609	0.0141	0.00104	15.2	0.0285	5.36	0.00104	0.00104	0.00000521	0.00733	0.00143	0.0102	0.0276	0.00000521	23	0.0000191	0.000322
2102 Jul	64	0.057	0.0136	0.00104	14.5	0.028	5.12	0.00104	0.00104	0.0000052	0.00734	0.00139	0.0102	0.0264	0.0000052	22	0.0000193	0.000312
2102 Aug	65.7	0.0585	0.0139	0.00107	14.9	0.0292	5.26	0.00107	0.00107	0.00000537	0.00755	0.00143	0.0106	0.0271	0.00000537	22.6	0.0000197	0.00032
2102 Sep	65.9	0.0593	0.0138	0.00108	15	0.0297	5.29	0.00108	0.00108	0.00000541	0.0076	0.00143	0.0107	0.0271	0.00000541	22.6	0.0000197	0.00032
2102 Oct	63.7	0.0594	0.0132	0.00105	14.5	0.0294	5.14	0.00105	0.00105	0.00000525	0.00742	0.00138	0.0104	0.026	0.00000525	21.8	0.000019	0.000308
2102 Nov	63.8	0.0596	0.0132	0.00105	14.6	0.0295	5.15	0.00105	0.00105	0.00000526	0.00744	0.00139	0.0105	0.0261	0.00000526	21.8	0.000019	0.000308
2102 Dec	63.8	0.0596	0.0132	0.00105	14.6	0.0295	5.15	0.00105	0.00105	0.00000526	0.00744	0.00139	0.0105	0.0261	0.00000526	21.8	0.000019	0.000308
2103 Jan	63.8	0.0596	0.0132	0.00105	14.6	0.0295	5.15	0.00105	0.00105	0.00000526	0.00744	0.00139	0.0105	0.0261	0.00000526	21.8	0.000019	0.000308
2103 Feb	63.9	0.0597	0.0132	0.00105	14.6	0.0295	5.16	0.00105	0.00105	0.00000526	0.00745	0.00139	0.0105	0.0261	0.00000526	21.8	0.000019	0.000309
2103 Mar	63.9	0.0597	0.0132	0.00105	14.6	0.0296	5.16	0.00105	0.00105	0.00000527	0.00745	0.00139	0.0105	0.0261	0.00000527	21.9	0.0000191	0.000309
2103 Apr	64.2	0.06	0.0133	0.00106	14.6	0.0297	5.18	0.00106	0.00106	0.00000529	0.00748	0.0014	0.0105	0.0262	0.00000529	21.9	0.0000191	0.00031
2103 May	65.9	0.0609	0.0138	0.00106	15.1	0.0295	5.32	0.00106	0.00106	0.00000532	0.00751	0.00143	0.0105	0.0272	0.00000532	22.7	0.0000194	0.000319
2103 Jun	63.7	0.0566	0.0138	0.000997	14.6	0.0266	5.11	0.000997	0.000997	0.00000498	0.00701	0.00137	0.0097	0.0266	0.00000498	22.1	0.0000186	0.000311
2103 Jul	64.1	0.0563	0.0138	0.00102	14.6	0.0272	5.13	0.00102	0.00102	0.0000051	0.00714	0.00139	0.0099	0.0267	0.0000051	22.2	0.0000189	0.000313
2103 Aug	63.3	0.0547	0.0135	0.00103	14.4	0.0281	5.08	0.00103	0.00103	0.00000514	0.0071	0.00139	0.00993	0.0263	0.00000514	21.8	0.0000184	0.000306
2103 Sep	61.9	0.0556	0.013	0.00101	14.1	0.0282	5	0.00101	0.00101	0.00000506	0.00703	0.00136	0.00986	0.0256	0.00000506	21.3	0.000018	0.000298
2103 Oct	59.3	0.0567	0.0122	0.000977	13.6	0.0282	4.84	0.000977	0.000977	0.00000489	0.00687	0.0013	0.00962	0.0243	0.00000489	20.3	0.0000172	0.000283
2103 Nov	58.7	0.0571	0.012	0.00097	13.5	0.0282	4.81	0.00097	0.00097	0.00000485	0.00685	0.00129	0.00958	0.0241	0.00000485	20.1	0.0000171	0.000279
2103 Dec	58.8	0.0571	0.012	0.000971	13.5	0.0282	4.82	0.000971	0.000971	0.00000485	0.00685	0.00129	0.00958	0.0241	0.00000485	20.1	0.0000171	0.00028
2104 Jan	58.8	0.0571	0.012	0.000971	13.5	0.0282	4.82	0.000971	0.000971	0.00000485	0.00685	0.00129	0.00959	0.0241	0.00000485	20.1	0.0000171	0.00028
2104 Feb	58.8	0.0571	0.012	0.000971	13.5	0.0282	4.82	0.000971	0.000971	0.00000485	0.00685	0.00129	0.00959	0.0241	0.00000485	20.1	0.0000171	0.00028
2104 Mar	58.8	0.0572	0.012	0.000972	13.5	0.0283	4.82	0.000972	0.000972	0.00000486	0.00686	0.00129	0.0096	0.0241	0.00000486	20.1	0.0000171	0.00028
2104 Apr	59.2	0.0576	0.0121	0.000979	13.6	0.0285	4.85	0.000979	0.000979	0.00000489	0.0069	0.0013	0.00966	0.0243	0.00000489	20.3	0.0000172	0.000282
2104 May	61.6	0.0587	0.0128	0.000986	14.2	0.0281	5.04	0.000986	0.000986	0.00000493	0.00693	0.00134	0.00965	0.0255	0.00000493	21.3	0.0000176	0.000294
2104 Jun	59.9	0.055	0.0128	0.000932	13.8	0.0256	4.87	0.000932	0.000932	0.00000466	0.00653	0.00129	0.00901	0.0251	0.00000466	20.8	0.000017	0.000289
2104 Jul	61.5	0.0559	0.0131	0.000967	14.1	0.0266	4.99	0.000967	0.000967	0.00000484	0.00676	0.00133	0.00933	0.0257	0.00000484	21.3	0.0000176	0.000296
2104 Aug	62.6	0.0569	0.0133	0.000992	14.4	0.0276	5.08	0.000992	0.000992	0.00000496	0.0069	0.00136	0.0096	0.0262	0.00000496	21.7	0.0000178	0.000301
2104 Sep	61.4	0.0568	0.0129	0.000982	14.1	0.0278	5.01	0.000982	0.000982	0.00000491	0.00683	0.00134	0.0096	0.0256	0.00000491	21.3	0.0000173	0.000294
2104 Oct	59.9	0.0576	0.0124	0.000963	13.8	0.0279	4.92	0.000963	0.000963	0.00000482	0.00675	0.0013	0.00948	0.0248	0.00000482	20.7	0.0000169	0.000285
2104 Nov	59.5	0.058	0.0123	0.00096	13.8	0.0279	4.9	0.00096	0.00096	0.0000048	0.00674	0.0013	0.00947	0.0246	0.0000048	20.5	0.0000168	0.000283
2104 Dec	59.6	0.058	0.0123	0.00096	13.8	0.0279	4.9	0.00096	0.00096	0.0000048	0.00675	0.0013	0.00947	0.0246	0.0000048	20.5	0.0000168	0.000283
2105 Jan	59.6	0.058	0.0123	0.00096	13.8	0.0279	4.9	0.00096	0.00096	0.0000048	0.00675	0.0013	0.00947	0.0246	0.0000048	20.5	0.0000168	0.000283
2105 Feb	59.6	0.058	0.0123	0.00096	13.8	0.0279	4.9	0.00096	0.00096	0.0000048	0.00675	0.0013	0.00947	0.0246	0.0000048	20.5	0.0000168	0.000284
2105 Mar	59.6	0.058	0.0123	0.000961	13.8	0.028	4.9	0.000961	0.000961	0.0000048	0.00675	0.0013	0.00948	0.0246	0.0000048	20.5	0.0000168	0.000284
2105 Apr	59.8	0.0582	0.0123	0.000964	13.8	0.0281	4.92	0.000964	0.000964	0.00000482	0.00678	0.0013	0.00951	0.0247	0.00000482	20.6	0.0000169	0.000285
2105 May	61.6	0.059	0.0129	0.000969	14.3	0.0277	5.06	0.000969	0.000969	0.00000485	0.00679	0.00133	0.00949	0.0257	0.00000485	21.4	0.0000172	0.000294
2105 Jun	62.8	0.0588	0.0134	0.000966	14.5	0.027	5.14	0.000966	0.000966	0.00000483	0.00675	0.00135	0.00937	0.0264	0.00000483	21.9	0.0000174	0.000302
2105 Jul	64.9	0.0604	0.0138	0.00101	15	0.0282	5.31	0.00101	0.00101	0.00000503	0.00701	0.0014	0.00974	0.0273	0.00000503	22.6	0.000018	0.000311
2105 Aug	63.1	0.0585	0.0133	0.000994	14.6	0.0285	5.17	0.000994	0.000994	0.00000497	0.00686	0.00137	0.00969	0.0264	0.00000497	21.9	0.0000172	0.000301
2105 Sep	60.3	0.0578	0.0124	0.000964	14	0.0285	4.98	0.000964	0.000964	0.00000482	0.00665	0.00132	0.00955	0.025	0.00000482	20.9	0.0000162	0.000286
2105 Oct	58.5	0.0584	0.0119	0.000942	13.6	0.0284	4.86	0.000942	0.000942	0.00000471	0.00656	0.00128	0.0094	0.0241	0.00000471	20.2	0.0000158	0.000276
2105 Nov	57.8	0.0587	0.0117	0.000934	13.5	0.0284	4.82	0.000934	0.000934	0.00000467	0.00653	0.00126	0.00934	0.0238	0.00000467	19.9	0.0000156	0.000272
2105 Dec	57.8	0.0587	0.0117	0.000934	13.5	0.0284	4.82	0.000934	0.000934	0.00000467	0.00653	0.00126	0.00934	0.0238	0.00000467	19.9	0.0000156	0.000272

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Jan	57.8	0.0587	0.0117	0.000934	13.5	0.0284	4.82	0.000934	0.000934	0.00000467	0.00653	0.00126	0.00934	0.0238	0.00000467	19.9	0.0000156	0.000272
2106 Feb	57.8	0.0587	0.0117	0.000934	13.5	0.0284	4.82	0.000934	0.000934	0.00000467	0.00653	0.00126	0.00934	0.0238	0.00000467	19.9	0.0000156	0.000272
2106 Mar	57.8	0.0587	0.0117	0.000934	13.5	0.0284	4.83	0.000934	0.000934	0.00000467	0.00653	0.00126	0.00935	0.0238	0.00000467	19.9	0.0000157	0.000272
2106 Apr	58.1	0.059	0.0117	0.000939	13.6	0.0286	4.85	0.000939	0.000939	0.0000047	0.00657	0.00127	0.00939	0.0239	0.0000047	20	0.0000157	0.000274
2106 May	59.6	0.06	0.0121	0.000954	13.9	0.0288	4.97	0.000954	0.000954	0.00000477	0.00666	0.0013	0.00951	0.0246	0.00000477	20.6	0.0000161	0.000281
2106 Jun	58	0.0553	0.0121	0.000915	13.4	0.0263	4.76	0.000915	0.000915	0.00000457	0.00639	0.00126	0.009	0.0242	0.00000457	20.1	0.0000161	0.000277
2106 Jul	59.3	0.0555	0.0124	0.000953	13.7	0.0272	4.84	0.000953	0.000953	0.00000476	0.00665	0.00129	0.00935	0.0246	0.00000476	20.5	0.0000168	0.000284
2106 Aug	58.9	0.0547	0.0122	0.000962	13.6	0.028	4.82	0.000962	0.000962	0.00000481	0.00664	0.00129	0.00946	0.0244	0.00000481	20.3	0.0000164	0.00028
2106 Sep	57.3	0.0546	0.0117	0.000947	13.3	0.0282	4.72	0.000947	0.000947	0.00000474	0.00653	0.00126	0.00944	0.0235	0.00000474	19.7	0.0000158	0.000272
2106 Oct	56.8	0.0554	0.0114	0.000941	13.2	0.0284	4.7	0.000941	0.000941	0.00000471	0.00652	0.00125	0.00942	0.0232	0.00000471	19.5	0.0000156	0.000268
2106 Nov	56.9	0.0556	0.0115	0.000944	13.2	0.0285	4.71	0.000944	0.000944	0.00000472	0.00654	0.00125	0.00944	0.0233	0.00000472	19.5	0.0000157	0.000269
2106 Dec	57	0.0556	0.0115	0.000944	13.2	0.0285	4.71	0.000944	0.000944	0.00000472	0.00654	0.00125	0.00945	0.0233	0.00000472	19.5	0.0000157	0.000269
2107 Jan	57	0.0556	0.0115	0.000944	13.2	0.0285	4.71	0.000944	0.000944	0.00000472	0.00654	0.00125	0.00945	0.0233	0.00000472	19.5	0.0000157	0.000269
2107 Feb	57	0.0556	0.0115	0.000945	13.2	0.0285	4.71	0.000945	0.000945	0.00000472	0.00655	0.00125	0.00945	0.0233	0.00000472	19.5	0.0000157	0.000269
2107 Mar	57	0.0557	0.0115	0.000946	13.2	0.0285	4.72	0.000946	0.000946	0.00000473	0.00655	0.00125	0.00946	0.0233	0.00000473	19.6	0.0000157	0.000269
2107 Apr	57.2	0.0558	0.0115	0.000948	13.3	0.0286	4.73	0.000948	0.000948	0.00000474	0.00657	0.00126	0.00948	0.0234	0.00000474	19.6	0.0000158	0.00027
2107 May	58.2	0.0563	0.0119	0.000951	13.5	0.0284	4.81	0.000951	0.000951	0.00000475	0.00658	0.00128	0.00946	0.024	0.00000475	20.1	0.0000159	0.000276
2107 Jun	59.4	0.0556	0.0125	0.000941	13.8	0.0271	4.88	0.000941	0.000941	0.0000047	0.0065	0.00129	0.00925	0.0248	0.0000047	20.6	0.0000162	0.000284
2107 Jul	60.3	0.0558	0.0126	0.000967	14	0.028	4.95	0.000967	0.000967	0.00000484	0.00665	0.00132	0.00947	0.0251	0.00000484	20.9	0.0000165	0.000287
2107 Aug	62.4	0.0575	0.013	0.00101	14.4	0.0293	5.12	0.00101	0.00101	0.00000503	0.00689	0.00137	0.00984	0.026	0.00000503	21.6	0.000017	0.000297
2107 Sep	62.6	0.0589	0.0129	0.00101	14.5	0.0298	5.16	0.00101	0.00101	0.00000507	0.00697	0.00137	0.00995	0.026	0.00000507	21.6	0.0000171	0.000297
2107 Oct	61.8	0.0595	0.0127	0.001	14.3	0.0299	5.11	0.001	0.001	0.00000502	0.00693	0.00136	0.0099	0.0255	0.00000502	21.3	0.0000169	0.000292
2107 Nov	61.5	0.0597	0.0126	0.001	14.3	0.0299	5.09	0.001	0.001	0.000005	0.00693	0.00135	0.00988	0.0254	0.000005	21.2	0.0000168	0.00029
2107 Dec	61.5	0.0597	0.0126	0.001	14.3	0.0299	5.09	0.001	0.001	0.000005	0.00693	0.00135	0.00989	0.0254	0.000005	21.2	0.0000168	0.00029
2108 Jan	61.5	0.0597	0.0126	0.001	14.3	0.0299	5.1	0.001	0.001	0.000005	0.00693	0.00135	0.00989	0.0254	0.000005	21.2	0.0000168	0.000291
2108 Feb	61.6	0.0597	0.0126	0.001	14.3	0.0299	5.1	0.001	0.001	0.00000501	0.00693	0.00135	0.00989	0.0254	0.00000501	21.2	0.0000168	0.000291
2108 Mar	61.6	0.0598	0.0126	0.001	14.3	0.0299	5.1	0.001	0.001	0.00000501	0.00694	0.00135	0.0099	0.0255	0.00000501	21.3	0.0000168	0.000291
2108 Apr	62.2	0.0604	0.0127	0.00101	14.5	0.0302	5.15	0.00101	0.00101	0.00000506	0.007	0.00136	0.00999	0.0257	0.00000506	21.5	0.000017	0.000294
2108 May	63.6	0.0617	0.013	0.00103	14.8	0.0308	5.27	0.00103	0.00103	0.00000516	0.00715	0.00139	0.0102	0.0263	0.00000516	22	0.0000173	0.0003
2108 Jun	61.6	0.0574	0.0127	0.00101	14.2	0.0292	5.03	0.00101	0.00101	0.00000507	0.00705	0.00135	0.00997	0.0254	0.00000507	21.2	0.0000176	0.000294
2108 Jul	64.3	0.0593	0.0133	0.00107	14.7	0.0306	5.22	0.00107	0.00107	0.00000534	0.00743	0.00141	0.0105	0.0264	0.00000534	22	0.0000186	0.000307
2108 Aug	67.7	0.0625	0.0139	0.00113	15.5	0.0325	5.51	0.00113	0.00113	0.00000564	0.00784	0.00149	0.0111	0.0278	0.00000564	23.2	0.0000195	0.000324
2108 Sep	68	0.0633	0.0139	0.00114	15.6	0.0329	5.54	0.00114	0.00114	0.00000568	0.00789	0.0015	0.0112	0.0278	0.00000568	23.3	0.0000196	0.000324
2108 Oct	64.6	0.0633	0.013	0.00109	14.9	0.0323	5.31	0.00109	0.00109	0.00000543	0.00762	0.00142	0.0108	0.0263	0.00000543	22	0.0000186	0.000306
2108 Nov	64.2	0.0636	0.0128	0.00108	14.8	0.0323	5.29	0.00108	0.00108	0.00000541	0.00761	0.00141	0.0108	0.0261	0.00000541	21.9	0.0000185	0.000304
2108 Dec	64.3	0.0636	0.0128	0.00108	14.8	0.0323	5.29	0.00108	0.00108	0.00000541	0.00761	0.00141	0.0108	0.0261	0.00000541	21.9	0.0000185	0.000304
2109 Jan	64.3	0.0636	0.0128	0.00108	14.8	0.0323	5.29	0.00108	0.00108	0.00000541	0.00761	0.00141	0.0108	0.0261	0.00000541	21.9	0.0000185	0.000304
2109 Feb	64.3	0.0637	0.0128	0.00108	14.8	0.0323	5.3	0.00108	0.00108	0.00000541	0.00761	0.00141	0.0108	0.0261	0.00000541	21.9	0.0000185	0.000304
2109 Mar	64.4	0.0637	0.0129	0.00108	14.8	0.0324	5.3	0.00108	0.00108	0.00000542	0.00762	0.00142	0.0108	0.0261	0.00000542	21.9	0.0000185	0.000304
2109 Apr	64.8	0.0642	0.0129	0.00109	14.9	0.0326	5.34	0.00109	0.00109	0.00000545	0.00767	0.00143	0.0109	0.0263	0.00000545	22.1	0.0000187	0.000306
2109 May	66.2	0.0647	0.0134	0.00109	15.3	0.0322	5.45	0.00109	0.00109	0.00000546	0.00766	0.00145	0.0108	0.0271	0.00000546	22.7	0.0000189	0.000314
2109 Jun	67.9	0.0646	0.0141	0.00109	15.7	0.0312	5.57	0.00109	0.00109	0.00000544	0.00761	0.00148	0.0107	0.0282	0.00000544	23.5	0.0000192	0.000324
2109 Jul	69.3	0.0653	0.0144	0.00112	16	0.0322	5.68	0.00112	0.00112	0.0000056	0.00781	0.00151	0.011	0.0287	0.0000056	23.9	0.0000196	0.00033
2109 Aug	71.1	0.0666	0.0147	0.00116	16.4	0.0336	5.83	0.00116	0.00116	0.00000579	0.00803	0.00156	0.0113	0.0295	0.00000579	24.5	0.00002	0.000338
2109 Sep	69.9	0.0668	0.0143	0.00114	16.1	0.0336	5.75	0.00114	0.00114	0.00000572	0.00795	0.00153	0.0112	0.0288	0.00000572	24.1	0.0000196	0.000331
2109 Oct	66.5	0.0668	0.0134	0.0011	15.4	0.033	5.52	0.0011	0.0011	0.00000549	0.0077	0.00146	0.0109	0.0272	0.00000549	22.8	0.0000187	0.000313
2109 Nov	66.5	0.0671	0.0133	0.0011	15.4	0.0331	5.52	0.0011	0.0011	0.00000549	0.00771	0.00146	0.0109	0.0272	0.00000549	22.8	0.0000187	0.000313
2109 Dec	66.5	0.0671	0.0133	0.0011	15.4	0.0331	5.53	0.0011	0.0011	0.00000549	0.00772	0.00146	0.0109	0.0272	0.00000549	22.8	0.0000187	0.000313
2110 Jan	66.5	0.0671	0.0133	0.0011	15.4	0.0331	5.53	0.0011	0.0011	0.00000549	0.00772	0.00146	0.0109	0.0272	0.00000549	22.8	0.0000187	0.000313
2110 Feb	66.6	0.0671	0.0133	0.0011	15.4	0.0331	5.53	0.0011	0.0011	0.0000055	0.00772	0.00146	0.0109	0.0273	0.0000055	22.8	0.0000187	0.000313
2110 Mar	66.6	0.0672	0.0134	0.0011	15.5	0.0332	5.53	0.0011	0.0011	0.0000055	0.00773	0.00146	0.0109	0.0273	0.0000055	22.8	0.0000187	0.000313
2110 Apr	66.9	0.0675	0.0134	0.0011	15.5	0.0333	5.56	0.0011	0.0011	0.00000552	0.00776	0.00147	0.0109	0.0274	0.00000552	22.9	0.0000188	0.000315
2110 May	67.9	0.0681	0.0137	0.00111	15.8	0.0334	5.63	0.00111	0.00111	0.00000557	0.00782	0.00149	0.011	0.0279	0.00000557	23.3	0.000019	0.000319
2110 Jun	65.8	0.063	0.0137	0.00105	15.2	0.0301	5.4	0.00105	0.00105	0.00000524	0.00734	0.00143	0.0102	0.0273	0.00000524	22.8	0.0000185	0.000313
2110 Jul	67	0.0635	0.0139	0.00108	15.4	0.031	5.49	0.00108	0.00108	0.00000541	0.00756	0.00146	0.0105	0.0278	0.00000541	23.1	0.000019	0.000319
2110 Aug	62.8	0.0586	0.0128	0.00104	14.5	0.0308	5.17	0.00104	0.00104	0.00000521	0.00715	0.00139	0.0102	0.0259	0.00000521	21.6	0.0000174	0.000296
2110 Sep	59.2	0.0584	0.0118	0.000993	13.7	0.0304	4.92	0.000993	0.000993	0.00000497	0.00687	0.00131	0.00986	0.0242	0.00000497	20.3	0.0000163	0.000277
2110 Oct	56.2	0.0597	0.0109	0.000954	13.1	0.0302	4.74	0.000954	0.000954	0.00000477	0.0067	0.00124	0.00958	0.0227	0.00000477	19.1	0.0000155	0.000261
2110 Nov	55.6	0.0598	0.0107	0.000945	13	0.0301	4.69	0.000945	0.000945	0.00000472	0.00666	0.00123	0.00951	0.0224	0.00000472	18.9	0.0000154	0.000257
2110 Dec	55.6	0.0598	0.0107	0.000945	13	0.0301	4.69	0.000945	0.000945	0.00000473	0.00666	0.00123	0.00952	0.0224	0.00000473	18.9	0.0000154	0.000257

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2111 Jan	55.6	0.0598	0.0107	0.000945	13	0.0301	4.69	0.000945	0.000945	0.00000473	0.00666	0.00123	0.00952	0.0224	0.00000473	18.9	0.0000154	0.000257
2111 Feb	55.6	0.0598	0.0107	0.000945	13	0.0301	4.69	0.000945	0.000945	0.00000473	0.00666	0.00123	0.00952	0.0224	0.00000473	18.9	0.0000154	0.000257
2111 Mar	55.7	0.0599	0.0107	0.000947	13	0.0301	4.7	0.000947	0.000947	0.00000474	0.00668	0.00123	0.00954	0.0225	0.00000474	19	0.0000154	0.000258
2111 Apr	56.1	0.0604	0.0108	0.000954	13.1	0.0303	4.74	0.000954	0.000954	0.00000477	0.00672	0.00124	0.0096	0.0226	0.00000477	19.1	0.0000155	0.000259
2111 May	57.8	0.0613	0.0113	0.000967	13.5	0.0304	4.87	0.000967	0.000967	0.00000483	0.0068	0.00127	0.00968	0.0235	0.00000483	19.7	0.0000159	0.000268
2111 Jun	59.2	0.0594	0.0121	0.000945	13.8	0.0282	4.93	0.000945	0.000945	0.00000472	0.00662	0.00129	0.0093	0.0245	0.00000472	20.5	0.0000161	0.000279
2111 Jul	62.2	0.062	0.0127	0.000999	14.5	0.0298	5.17	0.000999	0.000999	0.000005	0.007	0.00136	0.00983	0.0257	0.000005	21.5	0.0000171	0.000293
2111 Aug	60.6	0.06	0.0123	0.000992	14.1	0.0302	5.05	0.000992	0.000992	0.00000496	0.00686	0.00133	0.00979	0.025	0.00000496	20.9	0.0000164	0.000284
2111 Sep	59.9	0.0598	0.012	0.000988	14	0.0305	5	0.000988	0.000988	0.00000494	0.00681	0.00132	0.00986	0.0246	0.00000494	20.6	0.000016	0.00028
2111 Oct	57.8	0.06	0.0114	0.00096	13.5	0.0302	4.86	0.00096	0.00096	0.0000048	0.00668	0.00127	0.00964	0.0236	0.0000048	19.8	0.0000155	0.000269
2111 Nov	56.6	0.0604	0.011	0.000944	13.3	0.0301	4.78	0.000944	0.000944	0.00000472	0.00661	0.00125	0.00952	0.023	0.00000472	19.3	0.0000152	0.000262
2111 Dec	56.6	0.0605	0.011	0.000944	13.3	0.0301	4.78	0.000944	0.000944	0.00000472	0.00661	0.00125	0.00953	0.023	0.00000472	19.4	0.0000152	0.000262
2112 Jan	56.6	0.0605	0.011	0.000944	13.3	0.0301	4.78	0.000944	0.000944	0.00000472	0.00662	0.00125	0.00953	0.023	0.00000472	19.4	0.0000152	0.000262
2112 Feb	56.6	0.0605	0.011	0.000944	13.3	0.0301	4.79	0.000944	0.000944	0.00000472	0.00662	0.00125	0.00953	0.023	0.00000472	19.4	0.0000152	0.000262
2112 Mar	56.7	0.0606	0.011	0.000946	13.3	0.0302	4.8	0.000946	0.000946	0.00000473	0.00663	0.00125	0.00955	0.023	0.00000473	19.4	0.0000152	0.000263
2112 Apr	57.1	0.061	0.0111	0.000952	13.4	0.0303	4.83	0.000952	0.000952	0.00000476	0.00667	0.00126	0.00961	0.0232	0.00000476	19.5	0.0000153	0.000264
2112 May	58.9	0.0618	0.0117	0.000961	13.8	0.0301	4.97	0.000961	0.000961	0.00000481	0.00672	0.00129	0.00963	0.0242	0.00000481	20.3	0.0000157	0.000274
2112 Jun	56.8	0.0556	0.0118	0.00089	13.2	0.0262	4.71	0.00089	0.00089	0.00000445	0.0062	0.00123	0.00874	0.0237	0.00000445	19.7	0.0000153	0.000269
2112 Jul	57.1	0.055	0.0118	0.000912	13.2	0.0266	4.71	0.000912	0.000912	0.00000456	0.00636	0.00124	0.00895	0.0237	0.00000456	19.8	0.0000158	0.000271
2112 Aug	58.9	0.0567	0.0121	0.000946	13.7	0.0278	4.86	0.000946	0.000946	0.00000473	0.00657	0.00129	0.00932	0.0244	0.00000473	20.4	0.0000162	0.000279
2112 Sep	58.5	0.057	0.012	0.000947	13.6	0.0282	4.84	0.000947	0.000947	0.00000473	0.00657	0.00128	0.0094	0.0242	0.00000473	20.2	0.000016	0.000277
2112 Oct	57.9	0.0575	0.0118	0.00094	13.5	0.0283	4.81	0.00094	0.00094	0.0000047	0.00655	0.00127	0.00936	0.0238	0.0000047	20	0.0000158	0.000273
2112 Nov	57.9	0.0577	0.0117	0.00094	13.5	0.0283	4.81	0.00094	0.00094	0.0000047	0.00656	0.00127	0.00937	0.0238	0.0000047	20	0.0000158	0.000273
2112 Dec	57.9	0.0577	0.0117	0.000941	13.5	0.0283	4.81	0.000941	0.000941	0.0000047	0.00656	0.00127	0.00938	0.0238	0.0000047	20	0.0000158	0.000273
2113 Jan	57.9	0.0577	0.0117	0.000941	13.5	0.0284	4.81	0.000941	0.000941	0.0000047	0.00656	0.00127	0.00938	0.0239	0.0000047	20	0.0000158	0.000273
2113 Feb	58	0.0577	0.0117	0.000941	13.5	0.0284	4.81	0.000941	0.000941	0.00000471	0.00656	0.00127	0.00938	0.0239	0.00000471	20	0.0000158	0.000274
2113 Mar	58.2	0.0579	0.0118	0.000944	13.5	0.0284	4.83	0.000944	0.000944	0.00000472	0.00658	0.00127	0.00941	0.0239	0.00000472	20	0.0000159	0.000274
2113 Apr	58.5	0.0583	0.0119	0.00095	13.6	0.0286	4.86	0.00095	0.00095	0.00000475	0.00662	0.00128	0.00946	0.0241	0.00000475	20.2	0.000016	0.000276
2113 May	60.2	0.0592	0.0123	0.000961	14	0.0286	4.99	0.000961	0.000961	0.00000481	0.00669	0.00131	0.00953	0.0249	0.00000481	20.8	0.0000163	0.000285
2113 Jun	60.5	0.0573	0.0128	0.000938	14.1	0.0269	4.98	0.000938	0.000938	0.00000469	0.00651	0.00131	0.00917	0.0254	0.00000469	21.1	0.0000164	0.000289
2113 Jul	62.3	0.0584	0.0131	0.000976	14.5	0.0281	5.12	0.000976	0.000976	0.00000488	0.00675	0.00135	0.00951	0.0261	0.00000488	21.7	0.0000169	0.000297
2113 Aug	63.6	0.0594	0.0133	0.00101	14.8	0.0292	5.24	0.00101	0.00101	0.00000503	0.00691	0.00139	0.00979	0.0266	0.00000503	22.1	0.0000172	0.000302
2113 Sep	62.6	0.0597	0.013	0.000996	14.6	0.0294	5.18	0.000996	0.000996	0.00000498	0.00687	0.00137	0.00978	0.0261	0.00000498	21.7	0.0000168	0.000297
2113 Oct	59	0.06	0.0119	0.00095	13.8	0.0289	4.93	0.00095	0.00095	0.00000475	0.00664	0.00129	0.00943	0.0243	0.00000475	20.4	0.0000159	0.000277
2113 Nov	58.4	0.0606	0.0117	0.000943	13.7	0.029	4.9	0.000943	0.000943	0.00000472	0.00663	0.00127	0.0094	0.024	0.00000472	20.1	0.0000158	0.000273
2113 Dec	58.4	0.0607	0.0117	0.000944	13.7	0.029	4.9	0.000944	0.000944	0.00000472	0.00663	0.00128	0.00941	0.024	0.00000472	20.1	0.0000158	0.000274
2114 Jan	58.4	0.0607	0.0117	0.000944	13.7	0.029	4.9	0.000944	0.000944	0.00000472	0.00663	0.00128	0.00941	0.024	0.00000472	20.1	0.0000158	0.000274
2114 Feb	58.4	0.0607	0.0117	0.000944	13.7	0.029	4.9	0.000944	0.000944	0.00000472	0.00663	0.00128	0.00941	0.024	0.00000472	20.1	0.0000158	0.000274
2114 Mar	58.5	0.0608	0.0117	0.000946	13.7	0.0291	4.91	0.000946	0.000946	0.00000473	0.00665	0.00128	0.00943	0.0241	0.00000473	20.2	0.0000158	0.000274
2114 Apr	58.8	0.061	0.0118	0.00095	13.8	0.0292	4.93	0.00095	0.00095	0.00000475	0.00667	0.00128	0.00947	0.0242	0.00000475	20.3	0.0000159	0.000275
2114 May	60.1	0.0612	0.0123	0.00095	14.1	0.0287	5.03	0.00095	0.00095	0.00000475	0.00665	0.00131	0.00939	0.025	0.00000475	20.8	0.0000161	0.000283
2114 Jun	62.5	0.0616	0.013	0.000962	14.6	0.0282	5.19	0.000962	0.000962	0.00000481	0.00672	0.00135	0.00941	0.0262	0.00000481	21.8	0.0000167	0.000296
2114 Jul	66.1	0.0649	0.0138	0.00102	15.4	0.03	5.49	0.00102	0.00102	0.00000512	0.00715	0.00143	0.01	0.0277	0.00000512	23	0.0000178	0.000313
2114 Aug	69.8	0.0685	0.0145	0.00108	16.3	0.0319	5.8	0.00108	0.00108	0.00000542	0.00755	0.00151	0.0106	0.0292	0.00000542	24.3	0.0000187	0.000331
2114 Sep	68	0.0682	0.014	0.00107	15.9	0.0319	5.67	0.00107	0.00107	0.00000533	0.00744	0.00148	0.0105	0.0283	0.00000533	23.6	0.0000181	0.000321
2114 Oct	65.6	0.0682	0.0133	0.00104	15.4	0.0316	5.51	0.00104	0.00104	0.00000518	0.0073	0.00142	0.0103	0.0272	0.00000518	22.7	0.0000175	0.000308
2114 Nov	63.6	0.0681	0.0127	0.00101	15	0.0313	5.37	0.00101	0.00101	0.00000506	0.00717	0.00138	0.0101	0.0262	0.00000506	22	0.0000171	0.000297
2114 Dec	63.6	0.0681	0.0127	0.00101	15	0.0313	5.37	0.00101	0.00101	0.00000506	0.00717	0.00138	0.0101	0.0262	0.00000506	22	0.000017	0.000297
2115 Jan	63.6	0.0681	0.0127	0.00101	15	0.0314	5.37	0.00101	0.00101	0.00000506	0.00717	0.00138	0.0101	0.0262	0.00000506	22	0.0000171	0.000297
2115 Feb	63.6	0.0682	0.0127	0.00101	15	0.0314	5.37	0.00101	0.00101	0.00000506	0.00717	0.00138	0.0101	0.0262	0.00000506	22	0.0000171	0.000297
2115 Mar	63.7	0.0682	0.0127	0.00101	15	0.0314	5.37	0.00101	0.00101	0.00000506	0.00718	0.00138	0.0101	0.0262	0.00000506	22	0.0000171	0.000298
2115 Apr	64	0.0686	0.0128	0.00102	15.1	0.0316	5.41	0.00102	0.00102	0.00000509	0.00722	0.00139	0.0102	0.0264	0.00000509	22.1	0.0000172	0.000299
2115 May	65.2	0.0686	0.0132	0.00102	15.4	0.031	5.49	0.00102	0.00102	0.00000508	0.00718	0.00141	0.0101	0.0271	0.00000508	22.7	0.0000174	0.000306
2115 Jun	68.3	0.0703	0.0141	0.00104	16.1	0.0312	5.73	0.00104	0.00104	0.00000522	0.00736	0.00147	0.0103	0.0286	0.00000522	23.8	0.0000181	0.000322
2115 Jul	71.3	0.0729	0.0147	0.0011	16.8	0.0329	5.98	0.0011	0.0011	0.00000549	0.00771	0.00154	0.0108	0.0298	0.00000549	24.9	0.0000188	0.000336
2115 Aug	68.9	0.0699	0.0141	0.00108	16.2	0.0329	5.78	0.00108	0.00108	0.00000539	0.00749	0.0015	0.0106	0.0287	0.00000539	24	0.000018	0.000323
2115 Sep	68.4	0.0697	0.0139	0.00108	16.1	0.0333	5.76	0.00108	0.00108	0.0000054	0.00748	0.00149	0.0107	0.0285	0.0000054	23.8	0.0000177	0.00032
2115 Oct	68.2	0.0701	0.0138	0.00108	16.1	0.0334	5.75	0.00108	0.00108	0.00000539	0.00748	0.00149	0.0107	0.0283	0.00000539	23.7	0.0000176	0.000319
2115 Nov	67.2	0.0702	0.0135	0.00107	15.9	0.0333	5.68	0.00107	0.00107	0.00000533	0.00743	0.00146	0.0107	0.0278	0.00000533	23.3	0.0000174	0.000314
2115 Dec	67.2	0.0703	0.0135	0.00107	15.9	0.0333	5.68	0.00107	0.00107	0.00000533	0.00743	0.00146	0.0107	0.0278	0.00000533	23.3	0.0000174	0.000314

Appendix C.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2116 Jan	67.2	0.0703	0.0135	0.00107	15.9	0.0333	5.68	0.00107	0.00107	0.00000533	0.00743	0.00147	0.0107	0.0278	0.00000533	23.3	0.0000174	0.000314
2116 Feb	67.3	0.0703	0.0135	0.00107	15.9	0.0333	5.68	0.00107	0.00107	0.00000534	0.00744	0.00147	0.0107	0.0279	0.00000534	23.3	0.0000174	0.000314
2116 Mar	67.3	0.0704	0.0135	0.00107	15.9	0.0334	5.69	0.00107	0.00107	0.00000534	0.00744	0.00147	0.0107	0.0279	0.00000534	23.3	0.0000175	0.000314
2116 Apr	67.7	0.0708	0.0136	0.00107	16	0.0336	5.72	0.00107	0.00107	0.00000537	0.00748	0.00148	0.0107	0.028	0.00000537	23.5	0.0000175	0.000316
2116 May	69	0.0712	0.014	0.00108	16.3	0.0332	5.82	0.00108	0.00108	0.00000539	0.0075	0.0015	0.0107	0.0288	0.00000539	24	0.0000178	0.000323
2116 Jun	65.8	0.0644	0.0138	0.000997	15.4	0.0292	5.48	0.000997	0.000997	0.00000499	0.00692	0.00142	0.00975	0.0278	0.00000499	23.1	0.0000172	0.000312
2116 Jul	68.6	0.0666	0.0144	0.00105	16	0.0306	5.69	0.00105	0.00105	0.00000525	0.0073	0.00148	0.0103	0.0289	0.00000525	24	0.0000182	0.000326
2116 Aug	71.4	0.0693	0.015	0.0011	16.7	0.0322	5.93	0.0011	0.0011	0.00000549	0.00761	0.00154	0.0108	0.03	0.00000549	25	0.0000188	0.000339
2116 Sep	68.6	0.0687	0.0142	0.00107	16.1	0.032	5.73	0.00107	0.00107	0.00000533	0.00742	0.00148	0.0106	0.0286	0.00000533	23.9	0.000018	0.000324
2116 Oct	65.7	0.0692	0.0133	0.00103	15.5	0.0318	5.53	0.00103	0.00103	0.00000516	0.00727	0.00142	0.0103	0.0272	0.00000516	22.8	0.0000174	0.000308
2116 Nov	65.6	0.0696	0.0132	0.00103	15.5	0.0319	5.53	0.00103	0.00103	0.00000516	0.00728	0.00142	0.0103	0.0271	0.00000516	22.7	0.0000173	0.000307
2116 Dec	65.6	0.0696	0.0132	0.00103	15.5	0.0319	5.53	0.00103	0.00103	0.00000516	0.00728	0.00142	0.0103	0.0271	0.00000516	22.7	0.0000174	0.000307
2117 Jan	65.6	0.0696	0.0132	0.00103	15.5	0.0319	5.53	0.00103	0.00103	0.00000516	0.00728	0.00142	0.0103	0.0271	0.00000516	22.7	0.0000174	0.000307
2117 Feb	65.6	0.0696	0.0132	0.00103	15.5	0.0319	5.53	0.00103	0.00103	0.00000516	0.00729	0.00142	0.0103	0.0271	0.00000516	22.7	0.0000174	0.000307
2117 Mar	65.7	0.0697	0.0132	0.00103	15.5	0.0319	5.54	0.00103	0.00103	0.00000517	0.00729	0.00142	0.0104	0.0272	0.00000517	22.8	0.0000174	0.000308
2117 Apr	66.1	0.0701	0.0133	0.00104	15.6	0.0322	5.58	0.00104	0.00104	0.00000521	0.00735	0.00143	0.0104	0.0274	0.00000521	22.9	0.0000175	0.00031
2117 May	67.6	0.0708	0.0137	0.00105	15.9	0.0321	5.69	0.00105	0.00105	0.00000525	0.0074	0.00146	0.0105	0.0281	0.00000525	23.5	0.0000178	0.000318
2117 Jun	69.2	0.0705	0.0144	0.00105	16.3	0.0314	5.79	0.00105	0.00105	0.00000527	0.0074	0.00149	0.0104	0.029	0.00000527	24.2	0.0000182	0.000327
2117 Jul	72.6	0.0736	0.015	0.00111	17.1	0.0332	6.07	0.00111	0.00111	0.00000556	0.0078	0.00157	0.011	0.0304	0.00000556	25.4	0.0000191	0.000343
2117 Aug	74.1	0.075	0.0153	0.00114	17.4	0.0343	6.21	0.00114	0.00114	0.00000572	0.00798	0.0016	0.0113	0.031	0.00000572	25.9	0.0000194	0.00035
2117 Sep	74.6	0.076	0.0154	0.00115	17.6	0.0348	6.26	0.00115	0.00115	0.00000577	0.00806	0.00161	0.0114	0.0312	0.00000577	26	0.0000195	0.000352
2117 Oct	73.4	0.0761	0.015	0.00114	17.3	0.0347	6.17	0.00114	0.00114	0.0000057	0.008	0.00159	0.0113	0.0306	0.0000057	25.5	0.0000192	0.000345
2117 Nov	72.9	0.0761	0.0148	0.00113	17.2	0.0347	6.14	0.00113	0.00113	0.00000567	0.00797	0.00158	0.0113	0.0303	0.00000567	25.4	0.0000191	0.000342
2117 Dec	72.9	0.0761	0.0148	0.00113	17.2	0.0347	6.14	0.00113	0.00113	0.00000567	0.00797	0.00158	0.0113	0.0303	0.00000567	25.4	0.0000191	0.000342
2118 Jan	72.9	0.0761	0.0148	0.00113	17.2	0.0347	6.14	0.00113	0.00113	0.00000567	0.00797	0.00158	0.0113	0.0304	0.00000567	25.4	0.0000191	0.000342
2118 Feb	72.9	0.0761	0.0148	0.00113	17.2	0.0347	6.14	0.00113	0.00113	0.00000567	0.00797	0.00158	0.0113	0.0304	0.00000567	25.4	0.0000191	0.000342
2118 Mar	73	0.0762	0.0148	0.00114	17.2	0.0347	6.15	0.00114	0.00114	0.00000568	0.00798	0.00158	0.0113	0.0304	0.00000568	25.4	0.0000192	0.000343
2118 Apr	73.5	0.0766	0.015	0.00114	17.3	0.0349	6.19	0.00114	0.00114	0.0000057	0.00801	0.00159	0.0113	0.0306	0.0000057	25.6	0.0000192	0.000345
2118 May	74.2	0.0754	0.0155	0.00112	17.5	0.0333	6.22	0.00112	0.00112	0.00000558	0.00781	0.00159	0.011	0.0313	0.00000558	26	0.0000192	0.00035
2118 Jun	71.1	0.0695	0.0152	0.00104	16.7	0.0299	5.92	0.00104	0.00104	0.00000522	0.00728	0.00152	0.0101	0.0303	0.00000522	25.1	0.0000184	0.000339
2118 Jul	75.2	0.0732	0.0161	0.00111	17.7	0.0318	6.25	0.00111	0.00111	0.00000555	0.00773	0.00161	0.0108	0.032	0.00000555	26.5	0.0000196	0.000359
2118 Aug	74.1	0.072	0.0157	0.00111	17.4	0.0323	6.17	0.00111	0.00111	0.00000554	0.00767	0.00159	0.0108	0.0314	0.00000554	26.1	0.0000191	0.000352
2118 Sep	69.5	0.0703	0.0144	0.00106	16.4	0.0317	5.83	0.00106	0.00106	0.00000528	0.00734	0.0015	0.0105	0.0292	0.00000528	24.3	0.0000178	0.000328
2118 Oct	66.9	0.0703	0.0137	0.00103	15.8	0.0315	5.65	0.00103	0.00103	0.00000513	0.00721	0.00144	0.0102	0.0279	0.00000513	23.3	0.0000173	0.000314
2118 Nov	66.3	0.0704	0.0135	0.00102	15.7	0.0315	5.61	0.00102	0.00102	0.0000051	0.00717	0.00143	0.0102	0.0276	0.0000051	23.1	0.0000171	0.000311
2118 Dec	66.3	0.0704	0.0135	0.00102	15.7	0.0315	5.61	0.00102	0.00102	0.0000051	0.00718	0.00143	0.0102	0.0276	0.0000051	23.1	0.0000171	0.000311
2119 Jan	66.3	0.0704	0.0135	0.00102	15.7	0.0315	5.61	0.00102	0.00102	0.0000051	0.00718	0.00143	0.0102	0.0276	0.0000051	23.1	0.0000171	0.000311
2119 Feb	66.3	0.0704	0.0135	0.00102	15.7	0.0315	5.61	0.00102	0.00102	0.0000051	0.00718	0.00143	0.0102	0.0276	0.0000051	23.1	0.0000171	0.000311
2119 Mar	66.5	0.0706	0.0135	0.00102	15.7	0.0316	5.62	0.00102	0.00102	0.00000511	0.0072	0.00143	0.0102	0.0277	0.00000511	23.2	0.0000172	0.000312
2119 Apr	67.7	0.0717	0.0138	0.00103	16.1	0.0317	5.73	0.00103	0.00103	0.00000515	0.00725	0.00146	0.0103	0.0283	0.00000515	23.7	0.0000173	0.000318
2119 May	70.2	0.0715	0.015	0.000999	16.7	0.0296	5.93	0.000999	0.000999	0.000005	0.00696	0.00149	0.00974	0.0301	0.000005	25	0.0000172	0.000332
2119 Jun	69.1	0.0689	0.0148	0.000984	16.4	0.0286	5.79	0.000984	0.000984	0.00000492	0.00685	0.00147	0.00956	0.0296	0.00000492	24.5	0.0000172	0.000328
2119 Jul	72.5	0.0719	0.0156	0.00104	17.2	0.0302	6.07	0.00104	0.00104	0.00000521	0.00726	0.00154	0.0101	0.031	0.00000521	25.7	0.0000183	0.000345
2119 Aug	73.7	0.073	0.0157	0.00107	17.4	0.0314	6.17	0.00107	0.00107	0.00000535	0.00741	0.00157	0.0105	0.0314	0.00000535	26.1	0.0000184	0.00035
2119 Sep	71.3	0.0719	0.015	0.00105	16.9	0.0313	5.99	0.00105	0.00105	0.00000523	0.00726	0.00152	0.0103	0.0303	0.00000523	25.2	0.0000178	0.000338
2119 Oct	69.1	0.0717	0.0144	0.00102	16.4	0.0311	5.83	0.00102	0.00102	0.00000511	0.00714	0.00148	0.0102	0.0292	0.00000511	24.3	0.0000173	0.000326
2119 Nov	68.1	0.0716	0.0141	0.00101	16.2	0.0309	5.77	0.00101	0.00101	0.00000506	0.00709	0.00146	0.0101	0.0287	0.00000506	23.9	0.0000171	0.000321
2119 Dec	68.2	0.0716	0.0141	0.00101	16.2	0.031	5.77	0.00101	0.00101	0.00000506	0.00709	0.00146	0.0101	0.0287	0.00000506	24	0.0000171	0.000321

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000103	0.000665	0.0826	0.0000094	0.888	1.26	0.00974	0.000165	2.79	0.000944	0.00896	0.0000218	0.0000209	0.0000402	0.0521	0.00000188	0.0000543	0.000196	0.0011	
Operation (2024-2031): Mean	0.000266	0.00101	0.133	0.0000108	1.39	2.48	0.0384	0.000365	4.93	0.00129	0.0114	0.000295	0.000139	0.0000689	0.0995	0.00000217	0.0000771	0.000578	0.00168	
Operation (2024-2031): Max	0.000471	0.00119	0.193	0.0000121	1.85	3.68	0.0768	0.000574	6.5	0.00167	0.0125	0.000648	0.000216	0.000106	0.145	0.00000242	0.0000858	0.000999	0.00212	
Active Closure (2032-2038): Min	0.000116	0.000622	0.0816	0.00000882	0.86	1.28	0.00975	0.000161	2.71	0.000913	0.00837	0.0000219	0.0000209	0.0000403	0.0522	0.00000176	0.00005	0.000197	0.0011	
Active Closure (2032-2038): Mean	0.000227	0.000852	0.117	0.00000976	1.21	2.1	0.0339	0.000267	4.14	0.00115	0.00995	0.000264	0.000151	0.000061	0.0844	0.00000195	0.0000644	0.000544	0.00163	
Active Closure (2032-2038): Max	0.000328	0.00103	0.15	0.000011	1.51	2.79	0.0512	0.000583	5.23	0.0014	0.0116	0.000416	0.000185	0.0000806	0.111	0.00000221	0.0000877	0.00074	0.00187	
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000172	0.000768	0.103	0.0000089	1.09	1.73	0.0255	0.000198	3.55	0.00108	0.00945	0.000192	0.000121	0.0000542	0.0704	0.00000178	0.0000594	0.000484	0.00141	
Post Closure (2039-2119): Mean	0.00032	0.000995	0.146	0.0000106	1.47	2.72	0.0501	0.000279	5.11	0.00136	0.011	0.000406	0.000172	0.0000788	0.109	0.00000212	0.000071	0.000707	0.00178	
Post Closure (2039-2119): Max	0.000455	0.00123	0.187	0.0000126	1.83	3.63	0.0728	0.000362	6.51	0.00166	0.0131	0.000591	0.000232	0.0001	0.143	0.00000252	0.0000863	0.000933	0.00223	
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan	0.000449	0.00115	0.184	0.0000112	1.78	3.52	0.0729	0.00027	6.24	0.0016	0.0119	0.000613	0.000204	0.000101	0.139	0.00000224	0.0000773	0.000949	0.00193	
2024 Feb	0.000449	0.00115	0.184	0.0000112	1.78	3.52	0.0729	0.00027	6.24	0.0016	0.0119	0.000613	0.000204	0.000101	0.139	0.00000224	0.0000773	0.000949	0.00193	
2024 Mar	0.000449	0.00115	0.185	0.0000112	1.78	3.53	0.0729	0.00027	6.25	0.0016	0.012	0.000614	0.000205	0.000101	0.139	0.00000225	0.0000774	0.00095	0.00193	
2024 Apr	0.00045	0.00115	0.185	0.0000112	1.78	3.53	0.073	0.00027	6.26	0.0016	0.012	0.000615	0.000205	0.000101	0.139	0.00000225	0.0000775	0.000952	0.00193	
2024 May	0.000458	0.00117	0.188	0.0000114	1.81	3.59	0.0745	0.000272	6.35	0.00163	0.0121	0.000627	0.000208	0.000103	0.142	0.00000227	0.0000784	0.000968	0.00195	
2024 Jun	0.00045	0.00112	0.183	0.0000109	1.75	3.5	0.0735	0.000253	6.15	0.00157	0.0116	0.000621	0.000204	0.0001	0.138	0.00000217	0.0000749	0.000953	0.00189	
2024 Jul	0.000464	0.00116	0.189	0.0000113	1.82	3.62	0.0758	0.000262	6.36	0.00163	0.0121	0.00064	0.000213	0.000104	0.142	0.00000227	0.0000778	0.000986	0.00197	
2024 Aug	0.000471	0.00119	0.193	0.0000116	1.85	3.68	0.0768	0.000272	6.5	0.00167	0.0124	0.000648	0.000216	0.000106	0.145	0.00000233	0.0000797	0.000999	0.00201	
2024 Sep	0.000458	0.00117	0.188	0.0000115	1.82	3.6	0.0744	0.000277	6.39	0.00164	0.0122	0.000625	0.000209	0.000103	0.142	0.0000023	0.0000791	0.000967	0.00197	
2024 Oct	0.000454	0.00117	0.187	0.0000115	1.81	3.58	0.0736	0.000282	6.37	0.00163	0.0122	0.000618	0.000206	0.000103	0.141	0.0000023	0.0000793	0.000958	0.00197	
2024 Nov	0.000453	0.00117	0.187	0.0000115	1.81	3.58	0.0733	0.000284	6.37	0.00163	0.0122	0.000615	0.000205	0.000103	0.141	0.0000023	0.0000795	0.000955	0.00196	
2024 Dec	0.000453	0.00117	0.187	0.0000115	1.81	3.58	0.0733	0.000285	6.37	0.00163	0.0122	0.000615	0.000205	0.000103	0.141	0.0000023	0.0000795	0.000955	0.00196	
2025 Jan	0.000453	0.00117	0.187	0.0000115	1.81	3.58	0.0733	0.000285	6.37	0.00163	0.0122	0.000615	0.000205	0.000103	0.141	0.0000023	0.0000795	0.000955	0.00196	
2025 Feb	0.000453	0.00118	0.187	0.0000115	1.81	3.58	0.0733	0.000285	6.37	0.00163	0.0122	0.000615	0.000206	0.000103	0.141	0.0000023	0.0000795	0.000955	0.00196	
2025 Mar	0.000453	0.00118	0.187	0.0000115	1.81	3.58	0.0733	0.000285	6.37	0.00163	0.0122	0.000615	0.000206	0.000103	0.141	0.0000023	0.0000795	0.000955	0.00196	
2025 Apr	0.000453	0.00118	0.187	0.0000115	1.81	3.58	0.0734	0.000285	6.38	0.00163	0.0123	0.000616	0.000206	0.000103	0.141	0.00000231	0.0000796	0.000956	0.00197	
2025 May	0.00046	0.00119	0.19	0.0000117	1.84	3.63	0.0745	0.000289	6.47	0.00166	0.0124	0.000625	0.000209	0.000104	0.143	0.00000234	0.0000808	0.00097	0.00199	
2025 Jun	0.000438	0.00116	0.183	0.0000116	1.78	3.48	0.0708	0.000277	6.23	0.00162	0.0122	0.000593	0.00021	0.0001	0.138	0.00000232	0.0000788	0.000941	0.002	
2025 Jul	0.0004	0.00109	0.171	0.0000113	1.67	3.22	0.0645	0.000258	5.8	0.00153	0.0117	0.000538	0.000206	0.0000936	0.127	0.00000226	0.000075	0.000879	0.00197	
2025 Aug	0.000411	0.00113	0.177	0.0000117	1.73	3.32	0.0663	0.00027	6.01	0.00159	0.0122	0.000553	0.000212	0.0000967	0.132	0.00000234	0.0000778	0.000903	0.00203	
2025 Sep	0.000408	0.00113	0.176	0.0000117	1.73	3.31	0.0656	0.000274	5.99	0.00158	0.0122	0.000546	0.00021	0.0000962	0.131	0.00000235	0.000078	0.000893	0.00203	
2025 Oct	0.000394	0.00111	0.171	0.0000115	1.68	3.21	0.063	0.000277	5.85	0.00154	0.012	0.000523	0.000201	0.0000931	0.127	0.0000023	0.0000768	0.00086	0.00197	
2025 Nov	0.000387	0.0011	0.168	0.0000113	1.66	3.16	0.0617	0.000278	5.77	0.00152	0.0118	0.000511	0.000197	0.0000915	0.125	0.00000227	0.0000762	0.000843	0.00194	
2025 Dec	0.000387	0.0011	0.168	0.0000114	1.66	3.16	0.0617	0.000278	5.77	0.00152	0.0118	0.000512	0.000197	0.0000915	0.125	0.00000227	0.0000762	0.000843	0.00194	
2026 Jan	0.000387	0.0011	0.168	0.0000114	1.66	3.16	0.0617	0.000278	5.77	0.00152	0.0118	0.000512	0.000197	0.0000915	0.125	0.00000227	0.0000762	0.000843	0.00194	
2026 Feb	0.000387	0.0011	0.168	0.0000114	1.66	3.16	0.0617	0.000278	5.77	0.00152	0.0118	0.000512	0.000197	0.0000915	0.125	0.00000227	0.0000762	0.000843	0.00194	
2026 Mar	0.000387	0.0011	0.168	0.0000114	1.66	3.16	0.0617	0.000279	5.77	0.00152	0.0118	0.000512	0.000197	0.0000916	0.125	0.00000227	0.0000762	0.000844	0.00194	
2026 Apr	0.000388	0.0011	0.169	0.0000114	1.66	3.17	0.0619	0.000279	5.79	0.00153	0.0119	0.000514	0.000198	0.0000918	0.126	0.00000228	0.0000765	0.000846	0.00194	
2026 May	0.000393	0.00111	0.171	0.0000115	1.68	3.21	0.0627	0.000283	5.86	0.00154	0.012	0.00052	0.0002	0.0000929	0.127	0.00000231	0.0000774	0.000857	0.00197	
2026 Jun	0.000362	0.00104	0.16	0.0000111	1.58	2.98	0.0578	0.000257	5.45	0.00146	0.0115	0.000478	0.000199	0.000087	0.118	0.00000222	0.0000731	0.000814	0.00194	
2026 Jul	0.000366	0.00107	0.163	0.0000115	1.61	3.02	0.0583	0.000262	5.54	0.0015	0.0118	0.000482	0.000206	0.0000885	0.12	0.00000229	0.0000748	0.000829	0.002	
2026 Aug	0.000369	0.00109	0.166	0.0000117	1.64	3.06	0.0587	0.00027	5.65	0.00153	0.012	0.000485	0.000208	0.00009	0.122	0.00000235	0.0000764	0.000833	0.00204	
2026 Sep	0.000371	0.00111	0.167	0.0000119	1.66	3.1	0.059	0.000278	5.72	0.00155	0.0122	0.000486	0.000209	0.0000908	0.123	0.00000238	0.0000777	0.000837	0.00206	
2026 Oct	0.000355	0.00109	0.162	0.0000117	1.61	3	0.0559	0.000289	5.58	0.0015	0.012	0.000458	0.000197	0.0000872	0.119	0.00000233	0.0000772	0.000796	0.00199	
2026 Nov	0.000357	0.00109	0.163	0.0000117	1.62	3.01	0.0562	0.000291	5.61	0.00151	0.0121	0.00046	0.000198	0.0000877	0.12	0.00000235	0.0000776	0.0008	0.002	
2026 Dec	0.000357	0.00109	0.163	0.0000117	1.62	3.01	0.0562	0.000291	5.61	0.00151	0.0121	0.00046	0.000198	0.0000877	0.12	0.00000235	0.0000776	0.000801	0.002	
2027 Jan	0.000357	0.00109	0.163	0.0000117	1.62	3.01	0.0562	0.000291	5.62	0.00151	0.0121	0.00046	0.000198	0.0000877	0.12	0.00000235	0.0000776	0.000801	0.002	
2027 Feb	0.000357	0.00109	0.163	0.0000117	1.62	3.01	0.0562	0.000291	5.62	0.00151	0.0121	0.00046	0.000198	0.0000877	0.12	0.00000235	0.0000776	0.000801	0.002	
2027 Mar	0.000358	0.00109	0.163	0.0000117	1.62	3.02	0.0563	0.000292	5.62	0.00151	0.0121	0.000461	0.000198	0.0000878	0.12	0.00000235	0.0000777	0.000801	0.002	
2027 Apr	0.00036	0.0011	0.164	0.0000118	1.64	3.04	0.0567	0.000294	5.66	0.00152	0.0122	0.000464	0.0002	0.0000885	0.121	0.00000237	0.0000783	0.000807	0.00201	
2027 May	0.00037	0.00113	0.168	0.0000121	1.68	3.12	0.0582	0.0003	5.8	0.00156	0.0125	0.000477	0.000205	0.0000907	0.124	0.00000242	0.0000801	0.000828	0.00206	
2027 Jun	0.000298	0.000961	0.143	0.0000111	1.43	2.57	0.0469	0.000239	4.83	0.00137	0.0111	0.000381	0.000203	0.0000767	0.102	0.00000221	0.0000696	0.000727	0.00198	
2027 Jul	0.000272	0.000925	0.136	0.0000111	1.37	2.4	0.0427	0.000223	4.56	0.00133	0.011	0.000344	0.000208	0.0000728	0.0959	0.00000222	0.0000678	0.0007	0.00202	
2027 Aug	0.000284	0.000974	0.142	0.0000117	1.44	2.51	0.0444	0.000239	4.8	0.0014	0.0116	0.000357	0.000216	0.0000764	0.101	0.00000234	0.0000714	0.000725	0.00212	
2027 Sep	0.000251	0.000987	0.133	0.0000115	1.39	2.38	0.0368	0.00032	4.75	0.00133	0.0116	0.000282	0.000173	0.0000693	0.0957	0.00000229	0.0000755	0.000608	0.00191	
2027 Oct	0.000184	0.000999	0.112	0.0000107	1.25	2.08	0.0216	0.000473	4.55	0.00115	0.0117	0.000135	0.0000874	0.0000532	0.0845	0.00000215	0.0000828	0.000379	0.00147	
2027 Nov	0.000172	0.000997	0.108	0.0000106	1.23	2.02	0.0188	0.000498	4.49	0.00112	0.0116	0.000108	0.000072	0.0000502	0.0822	0.00000212	0.0000838	0.000338	0.00139	
2027 Dec	0.000171	0.000996	0.108	0.0000106	1.22	2.02	0.0186	0.0005	4.49	0.00112	0.0116	0.000107	0.000071	0.00005	0.082	0.00000211	0.0000838	0.000335	0.00138	
2028 Jan	0.000171	0.000996	0.108	0.0000106	1.22	2.02	0.0186	0.0005	4.49	0.00112	0.0116	0.000107	0.000071	0.00005	0.082	0.00000211	0.0000838	0.000335	0.00138	
2028 Feb	0.000171	0.000996	0.108	0.0000106	1.22	2.02	0.0186	0.0005	4.49	0.00112	0.0116	0.000107	0.000071	0.00005	0.0821	0.00000211	0.0000838	0.000335	0.00138	
2028 Mar	0.000171	0.000997	0.108	0.0000106	1.22	2.02	0.0186	0.0005	4.49	0.00112	0.0116	0.000107	0.000071	0.00005	0.0821	0.00000211	0.0000839	0.000335	0.00138	
2028 Apr	0.000172	0.001	0.108	0.0000106	1.23	2.03	0.0187	0.000502	4.51	0.00112	0.0117	0.000107	0.0000713	0.0000502	0.0824	0.00000212	0.0000842	0.000337	0.00139	
2028 May	0.000175	0.00102	0.11	0.0000108	1.25	2.06	0.0191	0.000511	4.59	0.00114	0.0119	0.000109	0.0000726	0.0000511	0.0838	0.00000216	0.0000857	0.000342	0.00141	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Jun	0.000124	0.000727	0.0901	0.00000999	0.979	1.45	0.0162	0.000237	3.15	0.00102	0.00974	0.000104	0.00017	0.0000447	0.0594	0.000002	0.0000608	0.000434	0.00181	
2028 Jul	0.000112	0.000672	0.0876	0.0000101	0.933	1.31	0.0157	0.000165	2.86	0.00102	0.00945	0.000105	0.000202	0.0000444	0.0542	0.00000203	0.0000555	0.000466	0.00197	
2028 Aug	0.000122	0.000763	0.0943	0.0000112	1.06	1.49	0.0163	0.000233	3.35	0.00113	0.0103	0.000101	0.000191	0.0000507	0.0623	0.00000224	0.0000625	0.000445	0.00203	
2028 Sep	0.000125	0.000862	0.094	0.0000109	1.11	1.64	0.0135	0.000387	3.81	0.00109	0.0108	0.0000653	0.000117	0.0000479	0.0684	0.00000217	0.0000727	0.000329	0.00164	
2028 Oct	0.000127	0.000955	0.0924	0.00000996	1.11	1.76	0.00993	0.000544	4.17	0.000996	0.0112	0.0000255	0.0000338	0.0000405	0.0723	0.00000199	0.0000835	0.000213	0.00117	
2028 Nov	0.000128	0.000964	0.093	0.00001	1.12	1.78	0.00989	0.000553	4.2	0.001	0.0113	0.0000244	0.0000315	0.0000405	0.0729	0.000002	0.0000843	0.000211	0.00116	
2028 Dec	0.000128	0.000965	0.0931	0.00001	1.12	1.78	0.0099	0.000553	4.21	0.001	0.0113	0.0000244	0.0000315	0.0000406	0.0729	0.000002	0.0000844	0.000211	0.00116	
2029 Jan	0.000128	0.000965	0.0931	0.00001	1.12	1.78	0.0099	0.000553	4.21	0.001	0.0113	0.0000244	0.0000315	0.0000406	0.0729	0.000002	0.0000844	0.000211	0.00116	
2029 Feb	0.000128	0.000965	0.0931	0.00001	1.12	1.78	0.0099	0.000553	4.21	0.001	0.0113	0.0000244	0.0000315	0.0000406	0.0729	0.000002	0.0000844	0.000211	0.00116	
2029 Mar	0.000128	0.000965	0.0931	0.00001	1.12	1.78	0.0099	0.000553	4.21	0.001	0.0113	0.0000244	0.0000315	0.0000406	0.073	0.000002	0.0000844	0.000211	0.00116	
2029 Apr	0.000128	0.000966	0.0932	0.00001	1.12	1.78	0.00991	0.000554	4.21	0.001	0.0113	0.0000245	0.0000316	0.0000406	0.0731	0.000002	0.0000846	0.000212	0.00116	
2029 May	0.00013	0.000978	0.0944	0.0000101	1.13	1.81	0.0101	0.00056	4.27	0.00102	0.0115	0.0000255	0.0000321	0.0000412	0.074	0.00000203	0.0000855	0.000215	0.00118	
2029 Jun	0.000143	0.000888	0.0972	0.0000102	1.1	1.75	0.0155	0.000419	3.93	0.00105	0.0108	0.000084	0.0000963	0.0000455	0.0714	0.00000203	0.0000756	0.00034	0.00147	
2029 Jul	0.000106	0.000666	0.0826	0.0000094	0.888	1.28	0.0139	0.000196	2.83	0.000944	0.00896	0.000091	0.000163	0.0000409	0.0526	0.00000188	0.0000543	0.000389	0.00171	
2029 Aug	0.000111	0.000712	0.0868	0.00000991	0.941	1.35	0.0142	0.000215	3.03	0.000992	0.00938	0.0000933	0.00016	0.0000435	0.0558	0.00000198	0.0000571	0.000382	0.00174	
2029 Sep	0.000121	0.000832	0.0917	0.0000103	1.04	1.56	0.013	0.000354	3.6	0.00103	0.0104	0.0000689	0.000114	0.0000442	0.0644	0.00000206	0.0000692	0.000322	0.00157	
2029 Oct	0.000128	0.000936	0.0942	0.0000102	1.11	1.73	0.0111	0.000494	4.06	0.00102	0.0112	0.0000402	0.0000598	0.0000423	0.0711	0.00000205	0.0000806	0.000252	0.00131	
2029 Nov	0.000127	0.00095	0.093	0.00001	1.1	1.75	0.0102	0.000529	4.13	0.001	0.0112	0.00003	0.0000408	0.0000407	0.0718	0.000002	0.0000826	0.000224	0.0012	
2029 Dec	0.000127	0.00095	0.0931	0.00001	1.11	1.75	0.0102	0.000529	4.13	0.001	0.0112	0.00003	0.0000408	0.0000408	0.0718	0.000002	0.0000827	0.000224	0.0012	
2030 Jan	0.000127	0.00095	0.0931	0.00001	1.11	1.75	0.0102	0.000529	4.13	0.001	0.0112	0.00003	0.0000408	0.0000408	0.0718	0.000002	0.0000827	0.000224	0.0012	
2030 Feb	0.000127	0.000951	0.0931	0.00001	1.11	1.75	0.0102	0.000529	4.13	0.001	0.0112	0.00003	0.0000408	0.0000408	0.0719	0.000002	0.0000827	0.000224	0.0012	
2030 Mar	0.000127	0.000951	0.0932	0.00001	1.11	1.76	0.0102	0.00053	4.14	0.001	0.0112	0.00003	0.0000408	0.0000408	0.0719	0.00000201	0.0000827	0.000224	0.0012	
2030 Apr	0.000128	0.000953	0.0934	0.0000101	1.11	1.76	0.0103	0.000531	4.14	0.00101	0.0112	0.0000301	0.0000409	0.0000409	0.0721	0.00000201	0.0000829	0.000225	0.00121	
2030 May	0.00013	0.000972	0.0952	0.0000103	1.13	1.79	0.0105	0.000541	4.23	0.00103	0.0115	0.0000307	0.0000417	0.0000417	0.0735	0.00000205	0.0000846	0.000229	0.00123	
2030 Jun	0.000109	0.000726	0.0859	0.0000099	0.952	1.38	0.0131	0.000261	3.1	0.00099	0.00974	0.0000746	0.000156	0.0000417	0.0568	0.00000198	0.0000618	0.00039	0.00174	
2030 Jul	0.000103	0.000665	0.0837	0.0000098	0.9	1.26	0.0137	0.000181	2.79	0.000977	0.00922	0.0000881	0.000182	0.0000417	0.0521	0.00000196	0.0000549	0.000419	0.00185	
2030 Aug	0.000109	0.000725	0.0884	0.0000104	0.971	1.36	0.014	0.000214	3.08	0.00103	0.00971	0.0000888	0.000174	0.0000453	0.0566	0.00000208	0.0000585	0.000398	0.00186	
2030 Sep	0.000116	0.000801	0.0918	0.0000109	1.06	1.51	0.0137	0.0003	3.5	0.00108	0.0103	0.0000764	0.000146	0.0000483	0.0632	0.00000218	0.0000654	0.000356	0.00178	
2030 Oct	0.000122	0.000884	0.0921	0.0000104	1.08	1.64	0.0116	0.000431	3.86	0.00104	0.0108	0.0000487	0.0000856	0.000044	0.068	0.00000208	0.0000751	0.000278	0.00145	
2030 Nov	0.000123	0.00091	0.0921	0.0000102	1.09	1.69	0.0109	0.000473	3.96	0.00102	0.0109	0.0000397	0.0000658	0.0000426	0.0695	0.00000204	0.0000781	0.000253	0.00134	
2030 Dec	0.000124	0.00091	0.0921	0.0000102	1.09	1.69	0.0109	0.000473	3.97	0.00102	0.0109	0.0000397	0.0000659	0.0000426	0.0695	0.00000204	0.0000782	0.000253	0.00134	
2031 Jan	0.000124	0.00091	0.0921	0.0000102	1.09	1.69	0.0109	0.000473	3.97	0.00102	0.0109	0.0000397	0.0000659	0.0000426	0.0695	0.00000204	0.0000782	0.000253	0.00134	
2031 Feb	0.000124	0.00091	0.0922	0.0000102	1.09	1.69	0.0109	0.000473	3.97	0.00102	0.0109	0.0000397	0.0000659	0.0000426	0.0695	0.00000204	0.0000782	0.000253	0.00134	
2031 Mar	0.000124	0.000911	0.0922	0.0000102	1.09	1.69	0.0109	0.000473	3.97	0.00102	0.0109	0.0000397	0.0000659	0.0000426	0.0695	0.00000204	0.0000782	0.000253	0.00134	
2031 Apr	0.000124	0.000916	0.0928	0.0000103	1.1	1.7	0.011	0.000476	3.99	0.00103	0.011	0.00004	0.0000663	0.0000429	0.07	0.00000206	0.0000787	0.000254	0.00135	
2031 May	0.000202	0.000982	0.114	0.0000104	1.27	2.15	0.0254	0.000446	4.58	0.00116	0.0113	0.000172	0.0000911	0.0000562	0.0871	0.00000209	0.0000797	0.000409	0.00144	
2031 Jun	0.000425	0.00106	0.171	0.00001	1.64	3.31	0.069	0.000255	5.79	0.00146	0.0109	0.000581	0.000185	0.0000932	0.13	0.000002	0.0000717	0.000896	0.00173	
2031 Jul	0.000428	0.00111	0.177	0.0000109	1.71	3.38	0.0692	0.000265	5.99	0.00154	0.0117	0.000581	0.000198	0.000096	0.133	0.00000217	0.0000756	0.000914	0.00187	
2031 Aug	0.000269	0.000999	0.132	0.000011	1.43	2.5	0.0401	0.000341	5.06	0.00131	0.0106	0.000315	0.000118	0.000076	0.102	0.0000022	0.0000699	0.000499	0.00156	
2031 Sep	0.00015	0.000947	0.0963	0.0000103	1.19	1.89	0.0154	0.000513	4.4	0.00107	0.0107	0.0000737	0.0000385	0.0000507	0.0786	0.00000206	0.0000783	0.000223	0.0012	
2031 Oct	0.00013	0.000976	0.0931	0.00000991	1.12	1.8	0.00976	0.000572	4.27	0.000993	0.0113	0.0000222	0.0000209	0.0000402	0.0738	0.00000198	0.0000855	0.000196	0.0011	
2031 Nov	0.00013	0.00098	0.0934	0.00000993	1.12	1.81	0.00974	0.000574	4.28	0.000996	0.0114	0.0000218	0.0000209	0.0000403	0.074	0.00000199	0.0000858	0.000197	0.0011	
2031 Dec	0.00013	0.00098	0.0934	0.00000994	1.12	1.81	0.00975	0.000574	4.28	0.000996	0.0114	0.0000219	0.0000209	0.0000403	0.0741	0.00000199	0.0000858	0.000197	0.0011	
2032 Jan	0.00013	0.00098	0.0934	0.00000994	1.12	1.81	0.00975	0.000574	4.28	0.000996	0.0114	0.0000219	0.0000209	0.0000403	0.0741	0.00000199	0.0000858	0.000197	0.0011	
2032 Feb	0.00013	0.00098	0.0934	0.00000994	1.12	1.81	0.00975	0.000574	4.28	0.000996	0.0114	0.0000219	0.0000209	0.0000403	0.0741	0.00000199	0.0000859	0.000197	0.0011	
2032 Mar	0.00013	0.00098	0.0934	0.00000994	1.13	1.81	0.00975	0.000574	4.28	0.000996	0.0114	0.0000219	0.0000209	0.0000403	0.0741	0.00000199	0.0000859	0.000197	0.0011	
2032 Apr	0.000131	0.000984	0.0938	0.00000998	1.13	1.82	0.00979	0.000577	4.3	0.001	0.0114	0.0000219	0.0000209	0.0000404	0.0744	0.000002	0.0000862	0.000198	0.00111	
2032 May	0.000139	0.00101	0.0971	0.0000102	1.16	1.88	0.0111	0.000583	4.42	0.00103	0.0116	0.0000324	0.0000236	0.0000422	0.0769	0.00000203	0.0000877	0.000213	0.00114	
2032 Jun	0.000158	0.000753	0.0973	0.00000962	1.03	1.65	0.0221	0.000246	3.42	0.00104	0.00961	0.000157	0.00016	0.000049	0.0668	0.00000192	0.0000612	0.000469	0.0017	
2032 Jul	0.000116	0.000622	0.0816	0.00000882	0.86	1.28	0.0165	0.000161	2.71	0.000913	0.00837	0.000117	0.000167	0.0000414	0.0522	0.00000176	0.00005	0.000415	0.00166	
2032 Aug	0.000118	0.00065	0.0836	0.00000913	0.894	1.32	0.0165	0.000178	2.85	0.000942	0.00861	0.000116	0.000162	0.000043	0.0543	0.00000183	0.0000518	0.000403	0.00167	
2032 Sep	0.000121	0.000673	0.0858	0.00000941	0.925	1.36	0.0167	0.000193	2.96	0.000969	0.00887	0.000116	0.000163	0.0000444	0.0562	0.00000188	0.0000537	0.000405	0.0017	
2032 Oct	0.000122	0.000685	0.0867	0.00000952	0.937	1.38	0.0168	0.0002	3.01	0.00098	0.009	0.000116	0.000162	0.0000448	0.057	0.0000019	0.0000547	0.000407	0.00171	
2032 Nov	0.000122	0.000687	0.0868	0.00000952	0.939	1.39	0.0167	0.000203	3.02	0.00098	0.00902	0.000115	0.000161	0.0000448	0.0572	0.0000019	0.000055	0.000405	0.00171	
2032 Dec	0.000122	0.000686	0.0864	0.00000948	0.935	1.39	0.0166	0.000205	3.01	0.000975	0.00899	0.000114	0.000159	0.0000445	0.057	0.0000019	0.000055	0.000401	0.00169	
2033 Jan	0.000122	0.000686	0.0864	0.00000948	0.936	1.39	0.0166	0.000205	3.01	0.000975	0.00899	0.000114	0.000159	0.0000445	0.057	0.0000019	0.000055	0.000401	0.00169	
2033 Feb	0.000122	0.000686	0.0865	0.00000948	0.936	1.39	0.0166	0.000205	3.02	0.000975	0.009	0.000114	0.000159	0.0000445	0.0571	0.0000019	0.000055	0.000401	0.00169	
2033 Mar	0.000122	0.000688	0.0866	0.00000949	0.937	1.39	0.0166	0.000206	3.02	0.000977	0.00901	0.000114	0.000159	0.0000446	0.0572	0.0000019	0.0000551	0.000402	0.00169	
2033 Apr	0.000123	0.000693	0.0873	0.00000957	0.945	1.4	0.0168	0.000207	3.05	0.000985	0.00908	0.000115	0.000161	0.000045	0.0576	0.00000191	0.0000555	0.000405	0.00171	
2033 May	0.000176	0.000756	0.102	0.00000974	1.07	1.73	0.0261	0.000209	3.52	0.00108	0.00944	0.000198	0.000169	0.0000538	0.0703	0.00000195	0.0000581	0.000498	0.00174	
2033 Jun	0.000238	0.000778	0.116	0.00000914	1.16	2.06	0.0375	0.000188	3.89	0.00112	0.00912	0.000304	0.000171	0.0000621	0.0823	0.00000183	0.0000566	0.000595	0.00166	
2033 Jul	0.000242	0.000803	0.119	0.00000949	1.19	2.11	0.0381	0.000193	3.99	0.00115	0.00943	0.000308	0.000177	0.0000637	0.0843	0.0000019	0.0000584	0.000609	0.00172	
2033 Aug	0.000254	0.000848	0.125	0.00001	1.25	2.21	0.0398	0.000204	4.21	0.00122	0.00995	0.000323	0.000185	0.000067	0.0886	0.000002	0.0000616	0.000636	0.00181	
2033 Sep	0.000244	0.00084	0.122	0.00000988	1.23	2.16	0.038	0.000216	4.15	0.00119	0.00984	0.000305	0.000176	0.0000651	0.0867	0.00000198	0.0000615	0.000607	0.00175	
2033 Oct	0.000222	0.000807	0.113	0.00000937	1.16	2.02	0.0336	0.000235	3.94	0.00111	0.00946	0.000265	0.000153	0.0000596	0.0811	0.00000187	0.0000603	0.000541	0.00161	
2033 Nov	0.000221	0.000809	0.113	0.00000937	1.16	2.02	0.0333	0.000239	3.94	0.00111	0.00948	0.000262	0.000152	0.0000593	0.0809	0.00000187	0.0000606	0.000536	0.0016	
2033 Dec	0.000221	0.000809	0.113	0.00000937	1.16	2.02	0.0333	0.000239	3.95	0.00111	0.00948	0.000262	0.000152	0.0000593	0.081	0.00000187	0.0000606	0.000536	0.0016	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Jan	0.000221	0.000809	0.113	0.00000937	1.16	2.02	0.0333	0.000239	3.95	0.00111	0.00948	0.000262	0.000152	0.0000593	0.081	0.00000187	0.0000606	0.000536	0.0016	
2034 Feb	0.000221	0.000809	0.113	0.00000937	1.16	2.02	0.0333	0.000239	3.95	0.00111	0.00948	0.000262	0.000152	0.0000593	0.081	0.00000187	0.0000606	0.000536	0.0016	
2034 Mar	0.000221	0.00081	0.113	0.00000938	1.16	2.02	0.0333	0.00024	3.95	0.00111	0.00948	0.000262	0.000152	0.0000593	0.081	0.00000188	0.0000607	0.000536	0.0016	
2034 Apr	0.000222	0.000814	0.113	0.00000942	1.16	2.03	0.0335	0.000241	3.97	0.00111	0.00953	0.000263	0.000152	0.0000596	0.0814	0.00000188	0.0000609	0.000539	0.00161	
2034 May	0.000233	0.000835	0.117	0.00000959	1.2	2.11	0.0354	0.000244	4.1	0.00115	0.00972	0.00028	0.000156	0.0000619	0.0845	0.00000192	0.0000622	0.000562	0.00164	
2034 Jun	0.000266	0.000851	0.125	0.00000942	1.25	2.29	0.0416	0.000229	4.3	0.00118	0.00966	0.000337	0.000162	0.0000668	0.0912	0.00000188	0.0000617	0.000622	0.00163	
2034 Jul	0.000265	0.000859	0.126	0.00000958	1.26	2.29	0.0413	0.00023	4.32	0.00119	0.00978	0.000335	0.000165	0.000067	0.0912	0.00000192	0.0000622	0.000622	0.00166	
2034 Aug	0.00028	0.000911	0.133	0.0000102	1.34	2.42	0.0436	0.000244	4.58	0.00126	0.0104	0.000354	0.000174	0.000071	0.0966	0.00000203	0.000066	0.000657	0.00176	
2034 Sep	0.000272	0.000903	0.13	0.00001	1.31	2.37	0.042	0.000253	4.52	0.00124	0.0103	0.000338	0.000167	0.0000692	0.0948	0.00000201	0.0000659	0.000634	0.00172	
2034 Oct	0.000257	0.000879	0.125	0.00000973	1.26	2.27	0.0391	0.000261	4.37	0.00119	0.01	0.000313	0.000155	0.0000657	0.0908	0.00000195	0.0000649	0.000593	0.00163	
2034 Nov	0.000257	0.000881	0.125	0.00000975	1.27	2.28	0.0391	0.000262	4.38	0.00119	0.01	0.000312	0.000155	0.0000657	0.091	0.00000195	0.0000651	0.000593	0.00163	
2034 Dec	0.000257	0.000881	0.125	0.00000976	1.27	2.28	0.0391	0.000262	4.38	0.00119	0.0101	0.000312	0.000155	0.0000658	0.091	0.00000195	0.0000651	0.000593	0.00164	
2035 Jan	0.000257	0.000882	0.125	0.00000976	1.27	2.28	0.0391	0.000262	4.38	0.00119	0.0101	0.000312	0.000155	0.0000658	0.091	0.00000195	0.0000651	0.000593	0.00164	
2035 Feb	0.000257	0.000882	0.125	0.00000976	1.27	2.28	0.0391	0.000262	4.38	0.00119	0.0101	0.000312	0.000155	0.0000658	0.091	0.00000195	0.0000651	0.000593	0.00164	
2035 Mar	0.000257	0.000882	0.125	0.00000976	1.27	2.28	0.0391	0.000262	4.38	0.00119	0.0101	0.000312	0.000155	0.0000658	0.0911	0.00000195	0.0000651	0.000593	0.00164	
2035 Apr	0.000258	0.000885	0.125	0.0000098	1.27	2.29	0.0393	0.000263	4.4	0.0012	0.0101	0.000314	0.000155	0.000066	0.0914	0.00000196	0.0000654	0.000596	0.00164	
2035 May	0.000264	0.000902	0.128	0.00000997	1.3	2.34	0.0403	0.000268	4.49	0.00122	0.0103	0.000322	0.000158	0.0000675	0.0934	0.00000199	0.0000666	0.000609	0.00167	
2035 Jun	0.000259	0.000853	0.124	0.0000095	1.25	2.25	0.0402	0.000236	4.27	0.00118	0.00975	0.000324	0.000162	0.0000657	0.09	0.0000019	0.0000624	0.000611	0.00164	
2035 Jul	0.000255	0.000853	0.124	0.00000964	1.24	2.23	0.0395	0.000233	4.25	0.00118	0.00983	0.000318	0.000166	0.0000655	0.0892	0.00000193	0.0000626	0.000611	0.00168	
2035 Aug	0.000259	0.000876	0.126	0.00000992	1.28	2.28	0.04	0.000243	4.36	0.00121	0.0101	0.000321	0.000168	0.0000671	0.0913	0.00000198	0.0000643	0.000617	0.00171	
2035 Sep	0.000242	0.000847	0.119	0.00000958	1.22	2.17	0.0369	0.000252	4.2	0.00116	0.00975	0.000293	0.000153	0.0000635	0.087	0.00000192	0.0000628	0.000569	0.00162	
2035 Oct	0.000235	0.000841	0.117	0.00000946	1.2	2.13	0.0354	0.00026	4.14	0.00114	0.00968	0.000279	0.000146	0.0000617	0.0853	0.00000189	0.0000628	0.000548	0.00158	
2035 Nov	0.000229	0.00083	0.115	0.00000932	1.18	2.09	0.0343	0.000262	4.08	0.00112	0.00956	0.000269	0.000142	0.0000603	0.0837	0.00000186	0.0000623	0.000532	0.00154	
2035 Dec	0.000229	0.000831	0.115	0.00000933	1.18	2.09	0.0343	0.000262	4.08	0.00112	0.00956	0.00027	0.000142	0.0000604	0.0838	0.00000187	0.0000623	0.000533	0.00154	
2036 Jan	0.000229	0.000831	0.115	0.00000933	1.18	2.09	0.0343	0.000262	4.08	0.00112	0.00956	0.00027	0.000142	0.0000604	0.0838	0.00000187	0.0000623	0.000533	0.00154	
2036 Feb	0.000229	0.000831	0.115	0.00000933	1.18	2.09	0.0343	0.000262	4.08	0.00112	0.00956	0.00027	0.000142	0.0000604	0.0838	0.00000187	0.0000623	0.000533	0.00154	
2036 Mar	0.000229	0.000831	0.115	0.00000933	1.18	2.09	0.0343	0.000262	4.08	0.00112	0.00956	0.00027	0.000142	0.0000604	0.0838	0.00000187	0.0000623	0.000533	0.00154	
2036 Apr	0.000231	0.000835	0.115	0.00000937	1.19	2.1	0.0346	0.000263	4.1	0.00112	0.00961	0.000271	0.000142	0.0000607	0.0842	0.00000187	0.0000626	0.000536	0.00155	
2036 May	0.000236	0.000851	0.118	0.00000954	1.21	2.15	0.0354	0.000268	4.19	0.00114	0.00979	0.000277	0.000145	0.0000619	0.0861	0.00000191	0.0000638	0.000547	0.00158	
2036 Jun	0.000226	0.000815	0.114	0.00000936	1.17	2.05	0.0341	0.000245	4	0.00112	0.00951	0.000267	0.000151	0.0000599	0.0823	0.00000187	0.0000612	0.000543	0.00159	
2036 Jul	0.000219	0.000811	0.113	0.00000946	1.16	2.01	0.0331	0.00024	3.95	0.00112	0.00955	0.000259	0.000154	0.0000593	0.0809	0.00000189	0.000061	0.000539	0.00162	
2036 Aug	0.000229	0.000851	0.118	0.00000992	1.21	2.11	0.0345	0.000252	4.13	0.00117	0.01	0.00027	0.000161	0.0000621	0.0846	0.00000198	0.0000639	0.000561	0.0017	
2036 Sep	0.000227	0.000851	0.117	0.00000992	1.21	2.1	0.034	0.000257	4.13	0.00116	0.01	0.000264	0.000158	0.0000617	0.0843	0.00000198	0.0000641	0.000553	0.00168	
2036 Oct	0.000219	0.00084	0.114	0.00000974	1.19	2.05	0.0326	0.000263	4.06	0.00114	0.00987	0.000251	0.000151	0.0000599	0.0825	0.00000195	0.0000637	0.000531	0.00163	
2036 Nov	0.000218	0.000838	0.114	0.0000097	1.18	2.04	0.0322	0.000265	4.05	0.00113	0.00984	0.000249	0.000149	0.0000595	0.082	0.00000194	0.0000636	0.000526	0.00162	
2036 Dec	0.000217	0.000836	0.113	0.00000969	1.18	2.03	0.0321	0.000265	4.04	0.00113	0.00982	0.000248	0.000148	0.0000593	0.0819	0.00000194	0.0000635	0.000524	0.00162	
2037 Jan	0.000217	0.000836	0.113	0.00000969	1.18	2.03	0.0321	0.000265	4.04	0.00113	0.00983	0.000248	0.000148	0.0000593	0.0819	0.00000194	0.0000635	0.000524	0.00162	
2037 Feb	0.000217	0.000836	0.113	0.00000969	1.18	2.03	0.0321	0.000265	4.04	0.00113	0.00983	0.000248	0.000148	0.0000593	0.0819	0.00000194	0.0000635	0.000524	0.00162	
2037 Mar	0.000217	0.000837	0.114	0.0000097	1.18	2.04	0.0322	0.000265	4.04	0.00113	0.00984	0.000248	0.000149	0.0000594	0.082	0.00000194	0.0000636	0.000525	0.00162	
2037 Apr	0.000218	0.00084	0.114	0.00000972	1.18	2.04	0.0322	0.000266	4.06	0.00113	0.00986	0.000249	0.000149	0.0000595	0.0822	0.00000194	0.0000638	0.000526	0.00162	
2037 May	0.000242	0.000864	0.12	0.00000977	1.24	2.19	0.0365	0.000263	4.25	0.00117	0.00998	0.000287	0.000154	0.0000635	0.0876	0.00000195	0.0000645	0.000569	0.00164	
2037 Jun	0.000258	0.000841	0.122	0.00000927	1.23	2.24	0.0399	0.000239	4.24	0.00115	0.00954	0.00032	0.000154	0.0000648	0.0892	0.00000185	0.0000615	0.000595	0.00158	
2037 Jul	0.000264	0.00087	0.126	0.00000964	1.27	2.3	0.0409	0.000246	4.37	0.0012	0.0099	0.000328	0.00016	0.0000669	0.0919	0.00000193	0.0000637	0.000614	0.00165	
2037 Aug	0.000273	0.000904	0.131	0.00001	1.32	2.39	0.0422	0.000256	4.54	0.00124	0.0103	0.000339	0.000166	0.0000694	0.0953	0.000002	0.0000661	0.000634	0.00171	
2037 Sep	0.000277	0.000922	0.132	0.0000102	1.34	2.42	0.0427	0.000264	4.62	0.00126	0.0105	0.000342	0.000167	0.0000704	0.0968	0.00000204	0.0000675	0.000641	0.00173	
2037 Oct	0.000269	0.00091	0.129	0.0000101	1.32	2.37	0.0411	0.00027	4.55	0.00124	0.0104	0.000328	0.00016	0.0000685	0.0948	0.00000201	0.0000671	0.000619	0.00169	
2037 Nov	0.000268	0.000911	0.129	0.0000101	1.32	2.37	0.041	0.000271	4.55	0.00124	0.0104	0.000326	0.00016	0.0000685	0.0948	0.00000201	0.0000672	0.000617	0.00169	
2037 Dec	0.000268	0.000912	0.129	0.0000101	1.32	2.37	0.041	0.000272	4.55	0.00124	0.0104	0.000327	0.00016	0.0000685	0.0948	0.00000201	0.0000673	0.000617	0.00169	
2038 Jan	0.000268	0.000912	0.129	0.0000101	1.32	2.37	0.041	0.000272	4.55	0.00124	0.0104	0.000327	0.00016	0.0000685	0.0948	0.00000201	0.0000673	0.000617	0.00169	
2038 Feb	0.000268	0.000912	0.129	0.0000101	1.32	2.37	0.041	0.000272	4.55	0.00124	0.0104	0.000327	0.00016	0.0000685	0.0948	0.00000202	0.0000673	0.000617	0.00169	
2038 Mar	0.000268	0.000912	0.13	0.0000101	1.32	2.37	0.041	0.000272	4.55	0.00124	0.0104	0.000327	0.00016	0.0000685	0.0948	0.00000202	0.0000673	0.000618	0.00169	
2038 Apr	0.000269	0.000914	0.13	0.0000101	1.32	2.38	0.0411	0.000272	4.56	0.00124	0.0104	0.000328	0.00016	0.0000687	0.0951	0.00000202	0.0000675	0.000619	0.00169	
2038 May	0.00028	0.000932	0.133	0.0000102	1.35	2.45	0.043	0.000274	4.68	0.00127	0.0105	0.000344	0.000164	0.0000707	0.0979	0.00000204	0.0000684	0.00064	0.00172	
2038 Jun	0.000299	0.000921	0.136	0.00000986	1.36	2.53	0.0468	0.000254	4.72	0.00127	0.0102	0.000381	0.000166	0.000073	0.101	0.00000197	0.0000663	0.000674	0.00168	
2038 Jul	0.000314	0.000973	0.144	0.0000105	1.44	2.67	0.0492	0.000267	4.98	0.00134	0.0109	0.0004	0.000177	0.000077	0.106	0.00000209	0.0000701	0.000712	0.00179	
2038 Aug	0.000328	0.00102	0.15	0.0000011	1.51	2.79	0.0512	0.000282	5.22	0.0014	0.0114	0.000416	0.000184	0.0000806	0.111	0.0000022	0.0000735	0.00074	0.00187	
2038 Sep	0.000326	0.00103	0.15	0.0000011	1.51	2.79	0.0508	0.000289	5.23	0.0014	0.0114	0.000412	0.000182	0.0000805	0.111	0.00000221	0.0000741	0.000735	0.00187	
2038 Oct	0.000321	0.00102	0.149	0.0000011	1.5	2.76	0.0498	0.000293	5.19	0.00139	0.0114	0.000402	0.000178	0.0000794	0.11	0.00000219	0.000074	0.000721	0.00184	
2038 Nov	0.000321	0.00102	0.149	0.0000011	1.5	2.76	0.0499	0.000294	5.2	0.00139	0.0114	0.000403	0.000178	0.0000795	0.11	0.0000022	0.0000742	0.000722	0.00185	
2038 Dec	0.000321	0.00102	0.149	0.0000011	1.5	2.76	0.0499	0.000294	5.2	0.00139	0.0114	0.000403	0.000178	0.0000795	0.11	0.0000022	0.0000742	0.000722	0.00185	
2039 Jan	0.000321	0.00102	0.149	0.0000011	1.5	2.76	0.0499	0.000294	5.2	0.00139	0.0114	0.000403	0.000178	0.0000795	0.11	0.0000022	0.0000742	0.000722	0.00185	
2039 Feb	0.000321	0.00102	0.149	0.0000011	1.5	2.76	0.0499	0.000294	5.2	0.00139	0.0114	0.000403	0.000178	0.0000795	0.11	0.0000022	0.0000742	0.000722	0.00185	
2039 Mar	0.000322	0.00102	0.149	0.0000011	1.5	2.76	0.0499	0.000295	5.21	0.00139	0.0114	0.000403	0.000179	0.0000795	0.11	0.0000022	0.0000742	0.000723	0.00185	
2039 Apr	0.000323	0.00103	0.149	0.0000011	1.5	2.77	0.05	0.000295	5.22	0.0014	0.0115	0.000404	0.000179	0.0000798	0.11	0.00000221	0.0000744	0.000725	0.00185	
2039 May	0.000327	0.00104	0.152	0.0000112	1.53	2.81	0.0508	0.0003	5.3	0.00142	0.0116	0.00041	0.000182	0.0000809	0.112	0.00000224	0.0000755	0.000735	0.00188	
2039 Jun	0.000287	0.000949	0.138	0.0000107	1.39	2.51	0.0445	0.000264	4.76	0.00132	0.0109	0.000357	0.000182	0.0000733	0.1	0.00000213	0.0000697	0.000681	0.00185	
2039 Jul	0.000259	0.00089	0.128	0.0000102	1.29	2.29	0.04	0.000242	4.4	0.00124	0.0103	0.00032	0.000175	0.0000679	0.0918	0.00000205	0.0000654	0.000627	0.00178	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Aug	0.000257	0.000907	0.129	0.0000104	1.3	2.3	0.0395	0.000246	4.45	0.00125	0.0105	0.000317	0.000173	0.0000682	0.0922	0.00000209	0.0000661	0.000616	0.00179	
2039 Sep	0.000261	0.000926	0.131	0.0000106	1.33	2.34	0.04	0.000255	4.54	0.00127	0.0107	0.00032	0.000175	0.0000694	0.0939	0.00000213	0.0000676	0.000624	0.00182	
2039 Oct	0.000259	0.000925	0.131	0.0000106	1.32	2.33	0.0396	0.000257	4.53	0.00127	0.0107	0.000316	0.000173	0.0000689	0.0935	0.00000212	0.0000677	0.000618	0.00181	
2039 Nov	0.00026	0.000927	0.131	0.0000106	1.33	2.34	0.0397	0.000258	4.54	0.00127	0.0107	0.000317	0.000174	0.0000691	0.0937	0.00000213	0.0000679	0.00062	0.00181	
2039 Dec	0.00026	0.000928	0.131	0.0000107	1.33	2.34	0.0397	0.000258	4.54	0.00127	0.0107	0.000317	0.000174	0.0000691	0.0938	0.00000213	0.0000679	0.00062	0.00181	
2040 Jan	0.00026	0.000928	0.131	0.0000107	1.33	2.34	0.0397	0.000258	4.54	0.00127	0.0107	0.000317	0.000174	0.0000691	0.0938	0.00000213	0.0000679	0.00062	0.00181	
2040 Feb	0.00026	0.000928	0.131	0.0000107	1.33	2.34	0.0397	0.000258	4.54	0.00127	0.0107	0.000317	0.000174	0.0000691	0.0938	0.00000213	0.0000679	0.00062	0.00181	
2040 Mar	0.00026	0.000929	0.131	0.0000107	1.33	2.34	0.0397	0.000258	4.55	0.00127	0.0107	0.000318	0.000174	0.0000692	0.0938	0.00000213	0.0000679	0.00062	0.00181	
2040 Apr	0.000261	0.000931	0.131	0.0000107	1.33	2.35	0.0398	0.000259	4.56	0.00128	0.0108	0.000318	0.000174	0.0000694	0.0941	0.00000214	0.0000681	0.000622	0.00182	
2040 May	0.000269	0.000947	0.134	0.0000108	1.36	2.4	0.0412	0.000262	4.65	0.0013	0.0109	0.00033	0.000177	0.000071	0.0963	0.00000216	0.0000691	0.000638	0.00184	
2040 Jun	0.000285	0.00092	0.135	0.0000103	1.35	2.45	0.0446	0.000237	4.63	0.00128	0.0104	0.000363	0.000178	0.0000722	0.0978	0.00000206	0.000066	0.000667	0.00178	
2040 Jul	0.000288	0.000939	0.138	0.0000106	1.38	2.49	0.0451	0.000241	4.71	0.00131	0.0107	0.000367	0.000183	0.0000735	0.0994	0.00000211	0.0000674	0.00068	0.00183	
2040 Aug	0.000295	0.000968	0.142	0.0000109	1.42	2.55	0.046	0.00025	4.84	0.00135	0.011	0.000375	0.000187	0.0000755	0.102	0.00000218	0.0000694	0.000693	0.00188	
2040 Sep	0.000295	0.000975	0.142	0.000011	1.42	2.56	0.0459	0.000256	4.87	0.00135	0.0111	0.000373	0.000186	0.0000758	0.102	0.0000022	0.00007	0.000691	0.00189	
2040 Oct	0.000295	0.00098	0.142	0.000011	1.43	2.57	0.0458	0.000261	4.89	0.00136	0.0112	0.000371	0.000186	0.0000759	0.103	0.00000221	0.0000706	0.000689	0.00189	
2040 Nov	0.000296	0.000983	0.143	0.0000111	1.43	2.58	0.0459	0.000262	4.91	0.00136	0.0112	0.000372	0.000186	0.0000761	0.103	0.00000221	0.0000708	0.000691	0.0019	
2040 Dec	0.000296	0.000983	0.143	0.0000111	1.43	2.58	0.0459	0.000262	4.91	0.00136	0.0112	0.000372	0.000186	0.0000761	0.103	0.00000221	0.0000708	0.000691	0.0019	
2041 Jan	0.000296	0.000983	0.143	0.0000111	1.43	2.58	0.0459	0.000262	4.91	0.00136	0.0112	0.000372	0.000186	0.0000761	0.103	0.00000221	0.0000708	0.000691	0.0019	
2041 Feb	0.000296	0.000983	0.143	0.0000111	1.43	2.58	0.0459	0.000262	4.91	0.00136	0.0112	0.000372	0.000186	0.0000761	0.103	0.00000221	0.0000708	0.000691	0.0019	
2041 Mar	0.000296	0.000984	0.143	0.0000111	1.43	2.58	0.0459	0.000262	4.91	0.00136	0.0112	0.000372	0.000186	0.0000761	0.103	0.00000221	0.0000709	0.000691	0.0019	
2041 Apr	0.000296	0.000986	0.143	0.0000111	1.44	2.59	0.046	0.000263	4.92	0.00136	0.0112	0.000373	0.000187	0.0000763	0.103	0.00000222	0.000071	0.000693	0.0019	
2041 May	0.0003	0.000996	0.145	0.0000112	1.45	2.62	0.0466	0.000265	4.98	0.00138	0.0113	0.000378	0.000189	0.0000772	0.104	0.00000224	0.0000717	0.000701	0.00192	
2041 Jun	0.000269	0.000922	0.134	0.0000107	1.34	2.38	0.0418	0.000237	4.55	0.0013	0.0107	0.000337	0.000188	0.0000711	0.0951	0.00000215	0.0000671	0.000659	0.00189	
2041 Jul	0.000241	0.000853	0.123	0.0000102	1.24	2.16	0.0373	0.000215	4.16	0.00121	0.0101	0.000299	0.000182	0.0000653	0.0865	0.00000204	0.0000625	0.00061	0.00181	
2041 Aug	0.00025	0.000892	0.128	0.0000107	1.29	2.25	0.0387	0.000226	4.35	0.00126	0.0105	0.00031	0.000189	0.0000681	0.0902	0.00000213	0.0000653	0.000631	0.00189	
2041 Sep	0.000252	0.000904	0.129	0.0000108	1.31	2.27	0.0389	0.000233	4.41	0.00128	0.0107	0.000311	0.000189	0.0000687	0.0912	0.00000216	0.0000663	0.000633	0.0019	
2041 Oct	0.00025	0.000904	0.129	0.0000108	1.31	2.26	0.0384	0.000238	4.4	0.00127	0.0107	0.000306	0.000186	0.0000683	0.0908	0.00000215	0.0000665	0.000627	0.00189	
2041 Nov	0.000251	0.000908	0.129	0.0000108	1.31	2.27	0.0385	0.000239	4.42	0.00127	0.0107	0.000307	0.000187	0.0000685	0.0911	0.00000216	0.0000668	0.000628	0.0019	
2041 Dec	0.000251	0.000908	0.129	0.0000108	1.31	2.27	0.0385	0.000239	4.42	0.00128	0.0107	0.000307	0.000187	0.0000685	0.0912	0.00000216	0.0000668	0.000629	0.0019	
2042 Jan	0.000251	0.000908	0.129	0.0000108	1.31	2.27	0.0385	0.000239	4.42	0.00128	0.0107	0.000307	0.000187	0.0000685	0.0912	0.00000216	0.0000668	0.000629	0.0019	
2042 Feb	0.000251	0.000908	0.129	0.0000108	1.31	2.27	0.0385	0.000239	4.42	0.00128	0.0107	0.000307	0.000187	0.0000685	0.0912	0.00000216	0.0000668	0.000629	0.0019	
2042 Mar	0.000251	0.000909	0.129	0.0000108	1.31	2.27	0.0385	0.000239	4.42	0.00128	0.0107	0.000307	0.000187	0.0000685	0.0912	0.00000216	0.0000668	0.000629	0.0019	
2042 Apr	0.000252	0.000913	0.13	0.0000109	1.32	2.28	0.0387	0.000241	4.44	0.00128	0.0108	0.000309	0.000188	0.0000689	0.0917	0.00000218	0.0000672	0.000632	0.00191	
2042 May	0.000258	0.000932	0.133	0.0000111	1.35	2.33	0.0397	0.000245	4.54	0.00131	0.011	0.000317	0.000192	0.0000704	0.0937	0.00000222	0.0000685	0.000646	0.00194	
2042 Jun	0.000241	0.000885	0.126	0.0000108	1.28	2.2	0.0371	0.000227	4.28	0.00126	0.0106	0.000295	0.000191	0.0000668	0.0883	0.00000215	0.0000655	0.000624	0.00192	
2042 Jul	0.000229	0.000861	0.122	0.0000106	1.24	2.11	0.0351	0.000217	4.13	0.00123	0.0104	0.000278	0.00019	0.0000646	0.0847	0.00000212	0.0000638	0.000603	0.0019	
2042 Aug	0.000219	0.000847	0.118	0.0000104	1.22	2.04	0.0333	0.000223	4.06	0.0012	0.0102	0.000263	0.000179	0.000063	0.0826	0.00000209	0.0000627	0.000568	0.00184	
2042 Sep	0.000214	0.000841	0.116	0.0000104	1.2	2.02	0.0323	0.000231	4.03	0.00118	0.0101	0.000252	0.000173	0.0000622	0.0816	0.00000207	0.0000625	0.000548	0.0018	
2042 Oct	0.00021	0.000836	0.115	0.0000103	1.19	1.99	0.0316	0.000236	4	0.00117	0.01	0.000246	0.000168	0.0000612	0.0807	0.00000205	0.0000624	0.000536	0.00177	
2042 Nov	0.000211	0.000839	0.115	0.0000103	1.2	2	0.0317	0.000237	4.01	0.00117	0.01	0.000246	0.000169	0.0000614	0.081	0.00000206	0.0000627	0.000538	0.00178	
2042 Dec	0.000211	0.000839	0.115	0.0000103	1.2	2	0.0317	0.000237	4.02	0.00117	0.01	0.000246	0.000169	0.0000614	0.081	0.00000206	0.0000627	0.000538	0.00178	
2043 Jan	0.000211	0.00084	0.115	0.0000103	1.2	2	0.0317	0.000237	4.02	0.00117	0.01	0.000246	0.000169	0.0000614	0.081	0.00000206	0.0000627	0.000538	0.00178	
2043 Feb	0.000211	0.00084	0.115	0.0000103	1.2	2	0.0317	0.000237	4.02	0.00117	0.01	0.000246	0.000169	0.0000614	0.081	0.00000206	0.0000627	0.000538	0.00178	
2043 Mar	0.000211	0.00084	0.115	0.0000103	1.2	2	0.0317	0.000237	4.02	0.00117	0.01	0.000246	0.000169	0.0000615	0.0811	0.00000206	0.0000627	0.000538	0.00178	
2043 Apr	0.000212	0.000844	0.116	0.0000104	1.2	2.01	0.0318	0.000238	4.04	0.00118	0.0101	0.000248	0.00017	0.0000617	0.0815	0.00000207	0.000063	0.000541	0.00178	
2043 May	0.00022	0.000863	0.119	0.0000106	1.23	2.07	0.0331	0.000242	4.14	0.00121	0.0103	0.000259	0.000173	0.0000635	0.0839	0.00000211	0.0000643	0.000558	0.00182	
2043 Jun	0.000245	0.000861	0.123	0.0000102	1.26	2.19	0.0379	0.000226	4.24	0.00122	0.0101	0.000303	0.000176	0.0000665	0.0881	0.00000204	0.0000629	0.000602	0.00178	
2043 Jul	0.000253	0.000898	0.128	0.0000107	1.31	2.27	0.0391	0.000235	4.41	0.00127	0.0105	0.000313	0.000184	0.0000691	0.0914	0.00000214	0.0000656	0.000626	0.00187	
2043 Aug	0.000263	0.000938	0.134	0.0000112	1.37	2.37	0.0405	0.000248	4.61	0.00132	0.011	0.000324	0.000191	0.0000721	0.0953	0.00000223	0.0000685	0.000647	0.00195	
2043 Sep	0.000262	0.000944	0.134	0.0000112	1.37	2.37	0.0403	0.000254	4.63	0.00133	0.011	0.000321	0.000189	0.0000722	0.0956	0.00000225	0.0000691	0.000643	0.00195	
2043 Oct	0.000257	0.00094	0.132	0.0000111	1.36	2.35	0.0393	0.000261	4.6	0.00131	0.011	0.000311	0.000184	0.000071	0.0945	0.00000223	0.0000692	0.000628	0.00192	
2043 Nov	0.000254	0.000937	0.131	0.0000111	1.35	2.33	0.0385	0.000267	4.58	0.0013	0.011	0.000304	0.00018	0.0000701	0.0937	0.00000221	0.0000692	0.000617	0.00189	
2043 Dec	0.000254	0.000937	0.131	0.0000111	1.35	2.33	0.0385	0.000267	4.58	0.0013	0.011	0.000304	0.00018	0.0000701	0.0938	0.00000222	0.0000693	0.000617	0.00189	
2044 Jan	0.000254	0.000938	0.131	0.0000111	1.35	2.33	0.0385	0.000267	4.58	0.0013	0.011	0.000304	0.00018	0.0000701	0.0938	0.00000222	0.0000693	0.000617	0.00189	
2044 Feb	0.000254	0.000938	0.131	0.0000111	1.35	2.33	0.0386	0.000267	4.58	0.0013	0.011	0.000304	0.00018	0.0000701	0.0938	0.00000222	0.0000693	0.000617	0.00189	
2044 Mar	0.000254	0.000939	0.131	0.0000111	1.35	2.33	0.0386	0.000267	4.58	0.0013	0.011	0.000305	0.00018	0.0000702	0.0939	0.00000222	0.0000694	0.000618	0.00189	
2044 Apr	0.000255	0.000941	0.131	0.0000111	1.35	2.34	0.0387	0.000268	4.59	0.00131	0.011	0.000305	0.000181	0.0000704	0.0941	0.00000222	0.0000695	0.000619	0.0019	
2044 May	0.000259	0.000956	0.133	0.0000113	1.38	2.37	0.0393	0.000272	4.67	0.00133	0.0112	0.00031	0.000183	0.0000715	0.0956	0.00000226	0.0000706	0.000629	0.00193	
2044 Jun	0.000237	0.000874	0.123	0.0000105	1.27	2.17	0.0362	0.000237	4.25	0.00123	0.0104	0.000286	0.00018	0.000066	0.0874	0.00000211	0.0000648	0.000597	0.00184	
2044 Jul	0.000237	0.000885	0.125	0.0000108	1.28	2.18	0.0362	0.000238	4.29	0.00125	0.0106	0.000285	0.000186	0.0000667	0.0879	0.00000216	0.0000658	0.000607	0.0019	
2044 Aug	0.000251	0.00094	0.132	0.0000115	1.36	2.31	0.0383	0.000253	4.55	0.00133	0.0112	0.000301	0.000197	0.0000707	0.0932	0.00000229	0.0000699	0.000641	0.00201	
2044 Sep	0.000242	0.000923	0.128	0.0000112	1.33	2.25	0.0367	0.000259	4.47	0.0013	0.011	0.000286	0.000187	0.0000689	0.0911	0.00000225	0.0000689	0.000613	0.00195	
2044 Oct	0.000238	0.000919	0.127	0.0000111	1.32	2.23	0.0358	0.000265	4.44	0.00128	0.0109	0.000279	0.000183	0.0000678	0.0901	0.00000223	0.0000689	0.0006	0.00192	
2044 Nov	0.000238	0.00092	0.127	0.0000111	1.32	2.23	0.0358	0.000266	4.44	0.00128	0.011	0.000278	0.000182	0.0000678	0.0901	0.00000223	0.000069	0.000598	0.00192	
2044 Dec	0.000238	0.00092	0.127	0.0000111	1.32	2.23	0.0358	0.000267	4.44	0.00129	0.011	0.000278	0.000182	0.0000678	0.0902	0.00000223	0.000069	0.000599	0.00192	
2045 Jan	0.000238	0.00092	0.127	0.0000111	1.32	2.23	0.0358	0.000267	4.44	0.00129	0.011	0.000278	0.000182	0.0000678	0.0902	0.00000223	0.000069	0.000599	0.00192	
2045 Feb	0.000238	0.00092	0.127	0.0000111	1.32	2.23	0.0358	0.000267	4.44	0.00129	0.011	0.000278	0.000182	0.0000678	0.0902	0.00000223	0.0000691	0.000599	0.00192	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Mar	0.000238	0.000921	0.127	0.0000112	1.32	2.23	0.0358	0.000267	4.45	0.00129	0.011	0.000278	0.000182	0.0000678	0.0902	0.00000223	0.0000691	0.000599	0.00192	
2045 Apr	0.000238	0.000923	0.127	0.0000112	1.32	2.24	0.0359	0.000267	4.46	0.00129	0.011	0.000279	0.000183	0.000068	0.0904	0.00000224	0.0000692	0.0006	0.00192	
2045 May	0.000242	0.000936	0.129	0.0000113	1.34	2.27	0.0364	0.000271	4.52	0.00131	0.0111	0.000283	0.000185	0.0000689	0.0917	0.00000227	0.0000702	0.000609	0.00195	
2045 Jun	0.000223	0.000882	0.121	0.000011	1.27	2.11	0.0335	0.000248	4.22	0.00125	0.0107	0.000259	0.000185	0.0000649	0.0855	0.00000219	0.0000667	0.000585	0.00192	
2045 Jul	0.000219	0.000882	0.121	0.0000111	1.26	2.09	0.0329	0.000244	4.19	0.00125	0.0108	0.000253	0.000191	0.0000647	0.0847	0.00000222	0.0000668	0.000588	0.00197	
2045 Aug	0.000226	0.000914	0.125	0.0000115	1.31	2.16	0.0339	0.000255	4.35	0.0013	0.0112	0.000261	0.000196	0.0000669	0.0876	0.0000023	0.0000693	0.000604	0.00203	
2045 Sep	0.000225	0.000919	0.125	0.0000116	1.31	2.17	0.0337	0.00026	4.37	0.0013	0.0112	0.000258	0.000195	0.0000671	0.0879	0.00000231	0.0000698	0.0006	0.00203	
2045 Oct	0.000226	0.000926	0.126	0.0000116	1.32	2.18	0.0338	0.000263	4.4	0.00131	0.0113	0.000259	0.000195	0.0000674	0.0884	0.00000233	0.0000703	0.000603	0.00204	
2045 Nov	0.000227	0.000928	0.126	0.0000117	1.33	2.19	0.0339	0.000264	4.41	0.00131	0.0113	0.00026	0.000196	0.0000676	0.0887	0.00000233	0.0000705	0.000604	0.00204	
2045 Dec	0.000227	0.000928	0.127	0.0000117	1.33	2.19	0.0339	0.000264	4.41	0.00131	0.0113	0.00026	0.000196	0.0000676	0.0887	0.00000233	0.0000705	0.000605	0.00204	
2046 Jan	0.000227	0.000928	0.127	0.0000117	1.33	2.19	0.0339	0.000264	4.41	0.00131	0.0113	0.00026	0.000196	0.0000676	0.0887	0.00000233	0.0000705	0.000605	0.00204	
2046 Feb	0.000227	0.000929	0.127	0.0000117	1.33	2.19	0.0339	0.000264	4.41	0.00131	0.0113	0.00026	0.000196	0.0000676	0.0887	0.00000233	0.0000705	0.000605	0.00205	
2046 Mar	0.000227	0.00093	0.127	0.0000117	1.33	2.19	0.034	0.000265	4.42	0.00132	0.0113	0.00026	0.000196	0.0000677	0.0888	0.00000234	0.0000706	0.000605	0.00205	
2046 Apr	0.000228	0.000934	0.127	0.0000117	1.33	2.2	0.0341	0.000266	4.44	0.00132	0.0114	0.000261	0.000197	0.000068	0.0892	0.00000235	0.0000709	0.000608	0.00206	
2046 May	0.000233	0.000949	0.129	0.0000119	1.36	2.24	0.0348	0.00027	4.51	0.00134	0.0116	0.000267	0.0002	0.0000692	0.0908	0.00000238	0.000072	0.000619	0.00209	
2046 Jun	0.000211	0.000873	0.12	0.0000112	1.25	2.04	0.0317	0.000238	4.12	0.00125	0.0108	0.000243	0.000196	0.0000639	0.0829	0.00000224	0.0000666	0.000586	0.00201	
2046 Jul	0.000194	0.000823	0.113	0.0000108	1.18	1.9	0.029	0.000218	3.85	0.00119	0.0103	0.000221	0.000192	0.0000599	0.0771	0.00000215	0.000063	0.000555	0.00195	
2046 Aug	0.0002	0.000853	0.116	0.0000112	1.22	1.96	0.0299	0.000229	3.99	0.00123	0.0107	0.000227	0.000197	0.000062	0.0798	0.00000223	0.0000653	0.00057	0.00201	
2046 Sep	0.000195	0.000844	0.114	0.000011	1.2	1.93	0.0289	0.000235	3.95	0.00121	0.0105	0.000218	0.000189	0.0000609	0.0786	0.0000022	0.0000647	0.00055	0.00196	
2046 Oct	0.000191	0.000838	0.112	0.0000108	1.19	1.9	0.0281	0.000241	3.91	0.00119	0.0104	0.000211	0.000183	0.0000597	0.0776	0.00000217	0.0000646	0.000535	0.00192	
2046 Nov	0.000191	0.000839	0.112	0.0000108	1.19	1.91	0.028	0.000242	3.92	0.00119	0.0104	0.00021	0.000183	0.0000596	0.0776	0.00000217	0.0000647	0.000534	0.00191	
2046 Dec	0.000191	0.000839	0.112	0.0000108	1.19	1.91	0.028	0.000242	3.92	0.00119	0.0104	0.00021	0.000183	0.0000596	0.0776	0.00000217	0.0000647	0.000534	0.00191	
2047 Jan	0.000191	0.000839	0.112	0.0000108	1.19	1.91	0.028	0.000242	3.92	0.00119	0.0104	0.00021	0.000183	0.0000596	0.0776	0.00000217	0.0000647	0.000534	0.00191	
2047 Feb	0.000191	0.000839	0.112	0.0000108	1.19	1.91	0.028	0.000242	3.92	0.00119	0.0104	0.00021	0.000183	0.0000597	0.0777	0.00000217	0.0000647	0.000534	0.00191	
2047 Mar	0.000191	0.000841	0.112	0.0000109	1.19	1.91	0.0281	0.000243	3.93	0.0012	0.0105	0.000211	0.000183	0.0000598	0.0778	0.00000217	0.0000648	0.000535	0.00192	
2047 Apr	0.000192	0.000843	0.113	0.0000109	1.19	1.91	0.0282	0.000243	3.93	0.0012	0.0105	0.000211	0.000184	0.0000599	0.078	0.00000218	0.000065	0.000536	0.00192	
2047 May	0.000201	0.000856	0.116	0.000011	1.22	1.97	0.0298	0.000244	4.02	0.00122	0.0106	0.000225	0.000186	0.0000615	0.0803	0.00000219	0.0000657	0.000553	0.00194	
2047 Jun	0.000232	0.000855	0.121	0.0000105	1.25	2.12	0.0356	0.000227	4.16	0.00122	0.0103	0.00028	0.000185	0.0000651	0.0856	0.00000209	0.0000638	0.0006	0.00186	
2047 Jul	0.000241	0.000895	0.127	0.000011	1.3	2.22	0.037	0.000237	4.34	0.00128	0.0108	0.000291	0.000194	0.000068	0.0893	0.0000022	0.0000668	0.000628	0.00196	
2047 Aug	0.000251	0.000936	0.132	0.0000115	1.36	2.31	0.0385	0.00025	4.54	0.00134	0.0112	0.000303	0.000202	0.0000711	0.0933	0.0000023	0.0000699	0.000652	0.00204	
2047 Sep	0.000246	0.000929	0.13	0.0000114	1.35	2.28	0.0375	0.000256	4.51	0.00132	0.0112	0.000293	0.000196	0.0000701	0.0922	0.00000228	0.0000696	0.000635	0.00201	
2047 Oct	0.00024	0.000919	0.128	0.0000112	1.33	2.24	0.0364	0.00026	4.45	0.0013	0.011	0.000283	0.000189	0.0000684	0.0906	0.00000224	0.0000691	0.000616	0.00196	
2047 Nov	0.000239	0.000918	0.127	0.0000112	1.32	2.24	0.0362	0.000262	4.44	0.00129	0.011	0.000281	0.000188	0.0000682	0.0904	0.00000224	0.0000692	0.000613	0.00195	
2047 Dec	0.000239	0.000919	0.127	0.0000112	1.32	2.24	0.0362	0.000262	4.44	0.00129	0.011	0.000281	0.000188	0.0000682	0.0904	0.00000224	0.0000692	0.000613	0.00195	
2048 Jan	0.000239	0.000919	0.127	0.0000112	1.32	2.24	0.0362	0.000262	4.44	0.00129	0.011	0.000281	0.000188	0.0000682	0.0904	0.00000224	0.0000692	0.000613	0.00195	
2048 Feb	0.000239	0.000919	0.127	0.0000112	1.32	2.24	0.0362	0.000262	4.44	0.00129	0.011	0.000281	0.000188	0.0000682	0.0905	0.00000224	0.0000692	0.000613	0.00195	
2048 Mar	0.000239	0.000919	0.127	0.0000112	1.32	2.24	0.0362	0.000262	4.44	0.00129	0.011	0.000281	0.000188	0.0000682	0.0905	0.00000224	0.0000692	0.000613	0.00196	
2048 Apr	0.00024	0.000922	0.128	0.0000113	1.33	2.25	0.0363	0.000263	4.46	0.0013	0.0111	0.000282	0.000189	0.0000685	0.0908	0.00000225	0.0000695	0.000615	0.00196	
2048 May	0.000244	0.000937	0.13	0.0000114	1.35	2.28	0.0369	0.000267	4.53	0.00132	0.0112	0.000287	0.000192	0.0000696	0.0923	0.00000229	0.0000706	0.000625	0.00199	
2048 Jun	0.000219	0.000863	0.12	0.0000108	1.25	2.07	0.0331	0.000238	4.13	0.00123	0.0106	0.000255	0.000189	0.0000639	0.0838	0.00000217	0.0000656	0.000588	0.00193	
2048 Jul	0.000203	0.000825	0.114	0.0000106	1.19	1.94	0.0306	0.000221	3.9	0.00119	0.0102	0.000235	0.000188	0.0000607	0.0788	0.00000212	0.0000629	0.000564	0.00191	
2048 Aug	0.000204	0.000843	0.116	0.0000108	1.21	1.97	0.0307	0.00023	3.98	0.00121	0.0104	0.000235	0.000188	0.0000617	0.0801	0.00000216	0.0000641	0.000563	0.00193	
2048 Sep	0.000203	0.000845	0.115	0.0000108	1.21	1.97	0.0303	0.000236	4	0.00121	0.0104	0.000231	0.000185	0.0000617	0.0801	0.00000216	0.0000644	0.000556	0.00192	
2048 Oct	0.0002	0.000841	0.114	0.0000107	1.2	1.95	0.0298	0.00024	3.97	0.0012	0.0104	0.000226	0.000181	0.0000609	0.0795	0.00000214	0.0000643	0.000546	0.00189	
2048 Nov	0.0002	0.000843	0.114	0.0000107	1.2	1.96	0.0297	0.000242	3.98	0.0012	0.0104	0.000225	0.00018	0.0000608	0.0795	0.00000214	0.0000645	0.000544	0.00189	
2048 Dec	0.0002	0.000843	0.114	0.0000107	1.2	1.96	0.0297	0.000242	3.98	0.0012	0.0104	0.000225	0.000181	0.0000608	0.0795	0.00000215	0.0000645	0.000544	0.00189	
2049 Jan	0.0002	0.000843	0.114	0.0000107	1.2	1.96	0.0297	0.000242	3.98	0.0012	0.0104	0.000225	0.000181	0.0000608	0.0795	0.00000215	0.0000645	0.000544	0.00189	
2049 Feb	0.0002	0.000843	0.114	0.0000107	1.2	1.96	0.0297	0.000242	3.98	0.0012	0.0104	0.000225	0.000181	0.0000608	0.0795	0.00000215	0.0000645	0.000544	0.00189	
2049 Mar	0.0002	0.000844	0.114	0.0000107	1.2	1.96	0.0297	0.000243	3.98	0.0012	0.0104	0.000225	0.000181	0.0000609	0.0796	0.00000215	0.0000646	0.000545	0.00189	
2049 Apr	0.000201	0.000847	0.114	0.0000108	1.21	1.97	0.0298	0.000243	4	0.0012	0.0104	0.000226	0.000181	0.0000611	0.0799	0.00000216	0.0000648	0.000547	0.0019	
2049 May	0.000205	0.00086	0.116	0.0000109	1.23	2	0.0304	0.000247	4.06	0.00122	0.0106	0.000231	0.000184	0.0000621	0.0812	0.00000219	0.0000658	0.000556	0.00192	
2049 Jun	0.000186	0.000794	0.108	0.0000103	1.14	1.83	0.0278	0.000218	3.72	0.00114	0.00993	0.000211	0.000182	0.0000576	0.0744	0.00000207	0.0000611	0.00053	0.00186	
2049 Jul	0.00018	0.00078	0.106	0.0000103	1.12	1.78	0.0268	0.00021	3.63	0.00113	0.00985	0.000202	0.000184	0.0000564	0.0725	0.00000206	0.0000602	0.000524	0.00187	
2049 Aug	0.000189	0.000825	0.112	0.0000109	1.18	1.88	0.0282	0.000223	3.84	0.00119	0.0104	0.000213	0.000193	0.0000596	0.0765	0.00000218	0.0000636	0.00055	0.00197	
2049 Sep	0.000187	0.000824	0.111	0.0000108	1.17	1.87	0.0276	0.00023	3.83	0.00118	0.0104	0.000207	0.000187	0.0000589	0.0761	0.00000216	0.0000636	0.000536	0.00193	
2049 Oct	0.000183	0.000818	0.109	0.0000107	1.16	1.84	0.0268	0.000236	3.8	0.00117	0.0103	0.0002	0.000181	0.0000578	0.0752	0.00000213	0.0000635	0.000522	0.00189	
2049 Nov	0.000183	0.00082	0.109	0.0000107	1.16	1.84	0.0267	0.000238	3.81	0.00117	0.0103	0.000199	0.000181	0.0000578	0.0752	0.00000213	0.0000636	0.000521	0.00189	
2049 Dec	0.000183	0.00082	0.109	0.0000107	1.16	1.85	0.0268	0.000238	3.81	0.00117	0.0103	0.000199	0.000181	0.0000578	0.0752	0.00000213	0.0000637	0.000521	0.00189	
2050 Jan	0.000183	0.00082	0.109	0.0000107	1.16	1.85	0.0268	0.000238	3.81	0.00117	0.0103	0.000199	0.000181	0.0000578	0.0752	0.00000213	0.0000637	0.000521	0.00189	
2050 Feb	0.000183	0.00082	0.109	0.0000107	1.16	1.85	0.0268	0.000238	3.81	0.00117	0.0103	0.000199	0.000181	0.0000578	0.0753	0.00000213	0.0000637	0.000521	0.00189	
2050 Mar	0.000183	0.00082	0.109	0.0000107	1.16	1.85	0.0268	0.000238	3.81	0.00117	0.0103	0.000199	0.000181	0.0000578	0.0753	0.00000213	0.0000637	0.000521	0.00189	
2050 Apr	0.000184	0.000823	0.109	0.0000107	1.16	1.85	0.0268	0.000239	3.82	0.00117	0.0103	0.0002	0.000181	0.000058	0.0755	0.00000214	0.0000639	0.000523	0.0019	
2050 May	0.000186	0.000834	0.111	0.0000108	1.18	1.88	0.0273	0.000242	3.87	0.00119	0.0104	0.000203	0.000184	0.0000588	0.0765	0.00000217	0.0000647	0.00053	0.00192	
2050 Jun	0.000183	0.000798	0.108	0.0000104	1.14	1.82	0.0272	0.000221	3.72	0.00115	0.01	0.000205	0.000184	0.0000572	0.0741	0.00000209	0.0000617	0.00053	0.00188	
2050 Jul	0.000172	0.000768	0.104	0.0000102	1.09	1.73	0.0255	0.000208	3.55	0.00111	0.00973	0.000192	0.00018	0.0000548	0.0704	0.00000203	0.0000594	0.000508	0.00184	
2050 Aug	0.000178	0.000796	0.107	0.0000105	1.13	1.78	0.0262	0.000216	3.67	0.00115	0.0101	0.000197	0.000185	0.0000566	0.0727	0.0000021	0.0000614	0.00052	0.00189	
2050 Sep	0.000177	0.0008	0.107	0.0000105	1.13	1.79	0.026	0.000222	3.69	0.00115	0.0101	0.000195	0.000183	0.0000566	0.073	0.00000211	0.0000618	0.000515	0.00189	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Oct	0.000178	0.000808	0.108	0.0000106	1.14	1.8	0.0262	0.000226	3.73	0.00116	0.0102	0.000195	0.000183	0.000057	0.0736	0.00000213	0.0000625	0.000518	0.0019	
2050 Nov	0.000179	0.000811	0.108	0.0000107	1.14	1.81	0.0262	0.000226	3.74	0.00116	0.0102	0.000196	0.000184	0.0000572	0.0738	0.00000213	0.0000627	0.00052	0.00191	
2050 Dec	0.000179	0.000811	0.108	0.0000107	1.14	1.81	0.0263	0.000226	3.74	0.00116	0.0102	0.000196	0.000184	0.0000572	0.0739	0.00000214	0.0000627	0.00052	0.00191	
2051 Jan	0.000179	0.000811	0.108	0.0000107	1.14	1.81	0.0263	0.000226	3.74	0.00116	0.0102	0.000196	0.000184	0.0000572	0.0739	0.00000214	0.0000627	0.00052	0.00191	
2051 Feb	0.000179	0.000811	0.108	0.0000107	1.14	1.81	0.0263	0.000226	3.74	0.00116	0.0102	0.000196	0.000184	0.0000572	0.0739	0.00000214	0.0000627	0.00052	0.00191	
2051 Mar	0.000179	0.000812	0.108	0.0000107	1.15	1.81	0.0263	0.000227	3.74	0.00116	0.0102	0.000196	0.000184	0.0000573	0.0739	0.00000214	0.0000628	0.000521	0.00191	
2051 Apr	0.00018	0.000815	0.109	0.0000107	1.15	1.82	0.0264	0.000228	3.76	0.00117	0.0103	0.000197	0.000185	0.0000575	0.0742	0.00000215	0.000063	0.000523	0.00192	
2051 May	0.000186	0.00083	0.111	0.0000109	1.17	1.87	0.0273	0.000231	3.84	0.00119	0.0104	0.000205	0.000188	0.0000588	0.076	0.00000218	0.000064	0.000535	0.00194	
2051 Jun	0.000195	0.000782	0.109	0.0000101	1.13	1.85	0.0296	0.000201	3.7	0.00114	0.00972	0.000229	0.000184	0.0000581	0.0751	0.00000201	0.0000594	0.000548	0.00184	
2051 Jul	0.000192	0.000781	0.109	0.0000102	1.13	1.84	0.0291	0.000198	3.68	0.00114	0.00976	0.000225	0.000187	0.0000578	0.0744	0.00000203	0.0000594	0.000548	0.00186	
2051 Aug	0.000192	0.000795	0.11	0.0000103	1.14	1.86	0.0291	0.000207	3.74	0.00115	0.00991	0.000224	0.000186	0.0000586	0.0754	0.00000207	0.0000604	0.000544	0.00187	
2051 Sep	0.000188	0.00079	0.108	0.0000102	1.13	1.83	0.028	0.000215	3.71	0.00113	0.0098	0.000214	0.000178	0.0000574	0.0743	0.00000204	0.0000603	0.000524	0.00182	
2051 Oct	0.000177	0.000772	0.103	0.00000981	1.09	1.76	0.026	0.000228	3.61	0.00108	0.00954	0.000195	0.000162	0.0000543	0.0716	0.00000196	0.0000596	0.000486	0.00171	
2051 Nov	0.000177	0.000774	0.103	0.00000981	1.09	1.76	0.0258	0.000231	3.61	0.00108	0.00956	0.000194	0.000161	0.0000542	0.0716	0.00000196	0.0000598	0.000484	0.00171	
2051 Dec	0.000177	0.000774	0.103	0.00000981	1.09	1.76	0.0259	0.000231	3.62	0.00108	0.00956	0.000194	0.000161	0.0000542	0.0717	0.00000196	0.0000598	0.000484	0.00171	
2052 Jan	0.000177	0.000774	0.103	0.00000981	1.09	1.76	0.0259	0.000231	3.62	0.00108	0.00956	0.000194	0.000161	0.0000542	0.0717	0.00000196	0.0000598	0.000484	0.00171	
2052 Feb	0.000177	0.000774	0.103	0.00000982	1.09	1.76	0.0259	0.000231	3.62	0.00108	0.00957	0.000194	0.000161	0.0000542	0.0717	0.00000196	0.0000598	0.000484	0.00171	
2052 Mar	0.000177	0.000775	0.103	0.00000983	1.09	1.77	0.0259	0.000231	3.62	0.00109	0.00958	0.000194	0.000162	0.0000543	0.0718	0.00000197	0.0000599	0.000485	0.00171	
2052 Apr	0.000178	0.000777	0.103	0.00000985	1.09	1.77	0.0259	0.000232	3.63	0.00109	0.0096	0.000195	0.000162	0.0000544	0.0719	0.00000197	0.00006	0.000486	0.00172	
2052 May	0.000187	0.000792	0.106	0.00000995	1.12	1.83	0.0275	0.000234	3.72	0.00111	0.00972	0.000208	0.000165	0.0000561	0.0743	0.00000199	0.0000609	0.000503	0.00174	
2052 Jun	0.000208	0.000804	0.112	0.00000986	1.16	1.95	0.0315	0.000224	3.86	0.00113	0.00971	0.000245	0.000169	0.0000593	0.0786	0.00000197	0.0000607	0.000544	0.00174	
2052 Jul	0.000207	0.000816	0.113	0.00001	1.16	1.95	0.0311	0.000226	3.89	0.00115	0.00984	0.000243	0.00017	0.0000596	0.0788	0.00000201	0.0000612	0.000539	0.00176	
2052 Aug	0.00021	0.000835	0.115	0.0000103	1.19	1.99	0.0314	0.000233	3.98	0.00117	0.01	0.000245	0.000171	0.0000608	0.0803	0.00000205	0.0000626	0.000543	0.00179	
2052 Sep	0.000207	0.000835	0.114	0.0000103	1.19	1.98	0.0309	0.00024	3.98	0.00116	0.01	0.000239	0.000168	0.0000604	0.0801	0.00000205	0.0000628	0.000533	0.00177	
2052 Oct	0.000206	0.000838	0.114	0.0000103	1.19	1.98	0.0307	0.000244	3.98	0.00116	0.0101	0.000237	0.000166	0.0000602	0.08	0.00000205	0.0000632	0.000529	0.00176	
2052 Nov	0.000207	0.00084	0.114	0.0000103	1.19	1.98	0.0308	0.000245	4	0.00117	0.0101	0.000238	0.000166	0.0000604	0.0803	0.00000206	0.0000634	0.000531	0.00177	
2052 Dec	0.000207	0.000841	0.114	0.0000103	1.19	1.98	0.0308	0.000245	4	0.00117	0.0101	0.000238	0.000167	0.0000604	0.0803	0.00000206	0.0000634	0.000531	0.00177	
2053 Jan	0.000207	0.000841	0.114	0.0000103	1.19	1.99	0.0308	0.000245	4	0.00117	0.0101	0.000238	0.000167	0.0000604	0.0803	0.00000206	0.0000634	0.000531	0.00177	
2053 Feb	0.000207	0.000841	0.114	0.0000103	1.19	1.99	0.0308	0.000245	4	0.00117	0.0101	0.000238	0.000167	0.0000605	0.0804	0.00000206	0.0000634	0.000531	0.00177	
2053 Mar	0.000208	0.000842	0.114	0.0000103	1.19	1.99	0.0308	0.000245	4.01	0.00117	0.0101	0.000238	0.000167	0.0000605	0.0805	0.00000206	0.0000635	0.000532	0.00177	
2053 Apr	0.000208	0.000846	0.115	0.0000104	1.2	2	0.031	0.000246	4.02	0.00118	0.0102	0.000239	0.000168	0.0000608	0.0808	0.00000207	0.0000638	0.000534	0.00178	
2053 May	0.000228	0.000869	0.12	0.0000104	1.24	2.12	0.0344	0.000246	4.2	0.00121	0.0103	0.00027	0.000171	0.0000641	0.0855	0.00000208	0.0000647	0.00057	0.00179	
2053 Jun	0.000254	0.000856	0.124	0.00000987	1.26	2.23	0.0395	0.000225	4.27	0.0012	0.00988	0.000318	0.000171	0.0000667	0.0894	0.00000197	0.0000622	0.000611	0.00172	
2053 Jul	0.00026	0.000883	0.128	0.0000102	1.29	2.29	0.0404	0.000231	4.39	0.00124	0.0102	0.000326	0.000178	0.0000687	0.0918	0.00000205	0.0000642	0.00063	0.00179	
2053 Aug	0.00027	0.000922	0.133	0.0000107	1.35	2.39	0.042	0.000244	4.58	0.0013	0.0107	0.000337	0.000184	0.0000717	0.0957	0.00000214	0.0000671	0.000652	0.00186	
2053 Sep	0.000278	0.000951	0.137	0.000011	1.39	2.46	0.0431	0.000253	4.73	0.00134	0.011	0.000346	0.000189	0.0000738	0.0986	0.00000221	0.0000692	0.00067	0.00192	
2053 Oct	0.00028	0.000958	0.138	0.0000111	1.4	2.48	0.0433	0.000256	4.76	0.00134	0.0111	0.000348	0.00019	0.0000743	0.0993	0.00000222	0.0000698	0.000674	0.00193	
2053 Nov	0.000279	0.000959	0.138	0.0000111	1.4	2.47	0.0432	0.000257	4.76	0.00134	0.0111	0.000347	0.000189	0.0000742	0.0992	0.00000222	0.0000699	0.000672	0.00193	
2053 Dec	0.000279	0.000959	0.138	0.0000111	1.4	2.47	0.0432	0.000257	4.76	0.00134	0.0111	0.000347	0.000189	0.0000742	0.0993	0.00000222	0.0000699	0.000672	0.00193	
2054 Jan	0.000279	0.000959	0.138	0.0000111	1.4	2.47	0.0432	0.000257	4.76	0.00134	0.0111	0.000347	0.000189	0.0000742	0.0993	0.00000222	0.0000699	0.000672	0.00193	
2054 Feb	0.000279	0.000959	0.138	0.0000111	1.4	2.48	0.0432	0.000257	4.76	0.00134	0.0111	0.000347	0.000189	0.0000742	0.0993	0.00000223	0.0000699	0.000672	0.00193	
2054 Mar	0.000279	0.000959	0.138	0.0000111	1.4	2.48	0.0432	0.000257	4.76	0.00134	0.0111	0.000347	0.000189	0.0000742	0.0993	0.00000223	0.0000699	0.000673	0.00193	
2054 Apr	0.00028	0.000963	0.139	0.0000112	1.41	2.49	0.0434	0.000258	4.78	0.00135	0.0111	0.000348	0.00019	0.0000745	0.0997	0.00000223	0.0000702	0.000675	0.00194	
2054 May	0.000288	0.000979	0.141	0.0000113	1.43	2.54	0.0447	0.000261	4.88	0.00137	0.0113	0.00036	0.000193	0.0000761	0.102	0.00000226	0.0000712	0.000691	0.00196	
2054 Jun	0.000291	0.000931	0.138	0.0000106	1.38	2.5	0.0459	0.000235	4.71	0.00132	0.0106	0.000374	0.000189	0.0000747	0.0999	0.00000212	0.0000668	0.000693	0.00186	
2054 Jul	0.000279	0.000912	0.135	0.0000105	1.35	2.42	0.0439	0.000228	4.58	0.00129	0.0105	0.000357	0.000187	0.0000725	0.0967	0.0000021	0.0000656	0.000672	0.00185	
2054 Aug	0.000279	0.000923	0.135	0.0000106	1.36	2.43	0.0437	0.000235	4.63	0.0013	0.0106	0.000354	0.000186	0.0000731	0.0973	0.00000213	0.0000664	0.000667	0.00186	
2054 Sep	0.000277	0.000927	0.135	0.0000107	1.37	2.43	0.0433	0.000242	4.64	0.00131	0.0106	0.000349	0.000184	0.0000731	0.0974	0.00000214	0.0000668	0.00066	0.00186	
2054 Oct	0.000272	0.00092	0.133	0.0000106	1.35	2.4	0.0423	0.000246	4.6	0.00129	0.0106	0.00034	0.000179	0.0000719	0.0961	0.00000212	0.0000666	0.000646	0.00183	
2054 Nov	0.000271	0.000918	0.132	0.0000106	1.35	2.39	0.042	0.000248	4.58	0.00128	0.0105	0.000337	0.000178	0.0000715	0.0957	0.00000211	0.0000666	0.000641	0.00182	
2054 Dec	0.000271	0.000919	0.132	0.0000106	1.35	2.39	0.042	0.000248	4.59	0.00128	0.0106	0.000338	0.000178	0.0000715	0.0958	0.00000211	0.0000667	0.000641	0.00182	
2055 Jan	0.000271	0.000919	0.132	0.0000106	1.35	2.39	0.042	0.000248	4.59	0.00128	0.0106	0.000338	0.000178	0.0000715	0.0958	0.00000211	0.0000667	0.000641	0.00182	
2055 Feb	0.000271	0.000919	0.132	0.0000106	1.35	2.39	0.042	0.000248	4.59	0.00128	0.0106	0.000338	0.000178	0.0000715	0.0958	0.00000211	0.0000667	0.000641	0.00182	
2055 Mar	0.000271	0.000919	0.132	0.0000106	1.35	2.39	0.042	0.000248	4.59	0.00129	0.0106	0.000338	0.000178	0.0000716	0.0958	0.00000211	0.0000667	0.000642	0.00182	
2055 Apr	0.000272	0.000922	0.133	0.0000106	1.35	2.4	0.0421	0.000249	4.6	0.00129	0.0106	0.000339	0.000178	0.0000718	0.0961	0.00000212	0.0000669	0.000644	0.00183	
2055 May	0.000275	0.000934	0.135	0.0000107	1.37	2.43	0.0427	0.000252	4.66	0.00131	0.0107	0.000343	0.000181	0.0000727	0.0974	0.00000215	0.0000678	0.000652	0.00185	
2055 Jun	0.00024	0.000849	0.122	0.0000102	1.24	2.15	0.0371	0.000221	4.17	0.00121	0.01	0.000296	0.00018	0.0000656	0.0866	0.00000204	0.0000624	0.000603	0.0018	
2055 Jul	0.00023	0.000835	0.119	0.0000102	1.22	2.09	0.0356	0.000213	4.07	0.0012	0.00998	0.000283	0.000182	0.0000641	0.0841	0.00000204	0.0000617	0.000594	0.00182	
2055 Aug	0.000237	0.000867	0.124	0.0000106	1.26	2.16	0.0366	0.000223	4.22	0.00124	0.0104	0.000291	0.000188	0.0000664	0.087	0.00000212	0.000064	0.000611	0.00188	
2055 Sep	0.000236	0.000869	0.123	0.0000106	1.26	2.16	0.0362	0.000229	4.23	0.00124	0.0104	0.000286	0.000185	0.0000662	0.087	0.00000212	0.0000643	0.000602	0.00187	
2055 Oct	0.000236	0.000874	0.124	0.0000107	1.27	2.17	0.0362	0.000233	4.25	0.00124	0.0104	0.000286	0.000185	0.0000664	0.0873	0.00000213	0.0000648	0.000603	0.00188	
2055 Nov	0.000236	0.000876	0.124	0.0000107	1.27	2.17	0.0362	0.000234	4.26	0.00124	0.0104	0.000286	0.000185	0.0000665	0.0875	0.00000213	0.0000649	0.000603	0.00188	
2055 Dec	0.000236	0.000876	0.124	0.0000107	1.27	2.17	0.0362	0.000234	4.26	0.00124	0.0104	0.000286	0.000185	0.0000665	0.0875	0.00000214	0.0000649	0.000603	0.00188	
2056 Jan	0.000236	0.000876	0.124	0.0000107	1.27	2.17	0.0362	0.000234	4.26	0.00125	0.0105	0.000286	0.000185	0.0000665	0.0875	0.00000214	0.0000649	0.000603	0.00188	
2056 Feb	0.000236	0.000876	0.124	0.0000107	1.27	2.17	0.0362	0.000234	4.26	0.00125	0.0105	0.000286	0.000185	0.0000665	0.0875	0.00000214	0.000065	0.000604	0.00188	
2056 Mar	0.000237	0.000877	0.124	0.0000107	1.27	2.17	0.0363	0.000234	4.26	0.00125	0.0105	0.000286	0.000185	0.0000665	0.0875	0.00000214	0.000065	0.000604	0.00188	
2056 Apr	0.000237	0.00088	0.124	0.0000107	1.28	2.18	0.0364	0.000235	4.28	0.00125	0.0105	0.000287	0.000186	0.0000668	0.0879	0.00000214	0.0000652	0.000606	0.00189	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 May	0.000252	0.000899	0.129	0.0000108	1.31	2.27	0.0389	0.000236	4.41	0.00128	0.0106	0.000309	0.000189	0.0000693	0.0914	0.00000216	0.0000662	0.000632	0.00191	
2056 Jun	0.000274	0.000883	0.131	0.0000102	1.32	2.36	0.0433	0.000217	4.46	0.00126	0.0102	0.000352	0.000185	0.0000712	0.0945	0.00000204	0.0000635	0.000664	0.00182	
2056 Jul	0.000283	0.000918	0.136	0.0000107	1.37	2.44	0.0446	0.000225	4.62	0.00131	0.0106	0.000362	0.000193	0.0000737	0.0977	0.00000213	0.000066	0.000686	0.00189	
2056 Aug	0.000286	0.00094	0.139	0.0000109	1.39	2.48	0.045	0.000233	4.72	0.00134	0.0108	0.000365	0.000195	0.0000751	0.0995	0.00000218	0.0000675	0.000692	0.00193	
2056 Sep	0.000291	0.000961	0.141	0.0000111	1.42	2.53	0.0456	0.000241	4.82	0.00136	0.0111	0.00037	0.000197	0.0000765	0.101	0.00000223	0.0000691	0.000701	0.00196	
2056 Oct	0.000285	0.000951	0.139	0.000011	1.4	2.49	0.0445	0.000245	4.76	0.00134	0.011	0.000359	0.000192	0.000075	0.0998	0.0000022	0.0000687	0.000684	0.00193	
2056 Nov	0.000284	0.000951	0.138	0.000011	1.4	2.49	0.0443	0.000247	4.75	0.00134	0.011	0.000357	0.000191	0.0000748	0.0996	0.0000022	0.0000688	0.000682	0.00192	
2056 Dec	0.000284	0.000951	0.138	0.000011	1.4	2.49	0.0443	0.000247	4.75	0.00134	0.011	0.000358	0.000191	0.0000748	0.0997	0.0000022	0.0000688	0.000682	0.00192	
2057 Jan	0.000284	0.000951	0.139	0.000011	1.4	2.49	0.0443	0.000247	4.75	0.00134	0.011	0.000358	0.000191	0.0000748	0.0997	0.0000022	0.0000688	0.000682	0.00192	
2057 Feb	0.000284	0.000951	0.139	0.000011	1.4	2.49	0.0443	0.000247	4.75	0.00134	0.011	0.000358	0.000191	0.0000748	0.0997	0.0000022	0.0000688	0.000682	0.00192	
2057 Mar	0.000284	0.000952	0.139	0.000011	1.4	2.49	0.0443	0.000247	4.76	0.00134	0.011	0.000358	0.000191	0.0000749	0.0998	0.0000022	0.0000689	0.000683	0.00192	
2057 Apr	0.000285	0.000956	0.139	0.0000111	1.41	2.5	0.0445	0.000248	4.78	0.00135	0.011	0.000359	0.000192	0.0000752	0.1	0.00000221	0.0000691	0.000685	0.00193	
2057 May	0.000293	0.000974	0.142	0.0000112	1.44	2.56	0.0457	0.000252	4.88	0.00137	0.0112	0.00037	0.000195	0.0000768	0.102	0.00000225	0.0000703	0.000701	0.00196	
2057 Jun	0.000284	0.000914	0.136	0.0000105	1.36	2.44	0.0448	0.000224	4.61	0.0013	0.0105	0.000364	0.000191	0.0000735	0.0976	0.00000211	0.0000656	0.000686	0.00188	
2057 Jul	0.000284	0.000927	0.137	0.0000108	1.38	2.46	0.0448	0.000226	4.65	0.00133	0.0107	0.000364	0.000197	0.0000743	0.0984	0.00000216	0.0000668	0.000695	0.00193	
2057 Aug	0.000302	0.000989	0.146	0.0000115	1.47	2.62	0.0476	0.000242	4.96	0.00141	0.0114	0.000387	0.000209	0.0000792	0.105	0.0000023	0.0000712	0.000738	0.00205	
2057 Sep	0.000307	0.00101	0.149	0.0000117	1.5	2.67	0.0484	0.000249	5.06	0.00144	0.0117	0.000392	0.000212	0.0000806	0.107	0.00000235	0.0000727	0.00075	0.00209	
2057 Oct	0.000305	0.00101	0.148	0.0000117	1.49	2.66	0.0479	0.000252	5.04	0.00143	0.0117	0.000388	0.00021	0.0000801	0.106	0.00000234	0.0000727	0.000743	0.00207	
2057 Nov	0.000306	0.00101	0.148	0.0000117	1.5	2.66	0.048	0.000253	5.05	0.00144	0.0117	0.000388	0.00021	0.0000802	0.106	0.00000235	0.0000729	0.000744	0.00208	
2057 Dec	0.000306	0.00101	0.149	0.0000117	1.5	2.66	0.048	0.000253	5.06	0.00144	0.0117	0.000389	0.00021	0.0000802	0.107	0.00000235	0.000073	0.000744	0.00208	
2058 Jan	0.000306	0.00101	0.149	0.0000117	1.5	2.66	0.048	0.000253	5.06	0.00144	0.0117	0.000389	0.00021	0.0000802	0.107	0.00000235	0.000073	0.000744	0.00208	
2058 Feb	0.000306	0.00101	0.149	0.0000117	1.5	2.66	0.048	0.000253	5.06	0.00144	0.0117	0.000389	0.00021	0.0000802	0.107	0.00000235	0.000073	0.000744	0.00208	
2058 Mar	0.000306	0.00101	0.149	0.0000117	1.5	2.66	0.048	0.000253	5.06	0.00144	0.0117	0.000389	0.00021	0.0000803	0.107	0.00000235	0.000073	0.000744	0.00208	
2058 Apr	0.000307	0.00101	0.149	0.0000118	1.5	2.67	0.0481	0.000254	5.07	0.00144	0.0117	0.00039	0.000211	0.0000805	0.107	0.00000235	0.0000732	0.000746	0.00209	
2058 May	0.000322	0.00103	0.153	0.0000118	1.54	2.76	0.0508	0.000254	5.21	0.00147	0.0118	0.000414	0.000213	0.000083	0.11	0.00000236	0.0000739	0.000773	0.00209	
2058 Jun	0.000332	0.000964	0.149	0.0000106	1.47	2.74	0.0534	0.000221	5.01	0.00138	0.0108	0.000442	0.0002	0.0000813	0.109	0.00000212	0.0000675	0.000773	0.0019	
2058 Jul	0.000336	0.000983	0.152	0.0000109	1.49	2.78	0.0539	0.000225	5.09	0.00141	0.011	0.000446	0.000205	0.0000826	0.11	0.00000217	0.0000689	0.000786	0.00195	
2058 Aug	0.000346	0.00102	0.157	0.0000113	1.55	2.87	0.0556	0.000235	5.28	0.00146	0.0114	0.00046	0.000211	0.0000855	0.114	0.00000226	0.0000714	0.000809	0.00202	
2058 Sep	0.000342	0.00102	0.156	0.0000113	1.54	2.85	0.0546	0.000242	5.26	0.00145	0.0114	0.00045	0.000208	0.0000847	0.113	0.00000225	0.0000717	0.000796	0.002	
2058 Oct	0.000338	0.00102	0.154	0.0000112	1.53	2.82	0.0538	0.000247	5.23	0.00144	0.0114	0.000442	0.000204	0.0000837	0.112	0.00000225	0.0000718	0.000784	0.00198	
2058 Nov	0.000338	0.00102	0.155	0.0000112	1.53	2.83	0.0538	0.000248	5.24	0.00144	0.0114	0.000443	0.000204	0.0000838	0.113	0.00000225	0.000072	0.000785	0.00198	
2058 Dec	0.000338	0.00102	0.155	0.0000113	1.53	2.83	0.0538	0.000248	5.24	0.00144	0.0114	0.000443	0.000204	0.0000839	0.113	0.00000225	0.000072	0.000785	0.00198	
2059 Jan	0.000338	0.00102	0.155	0.0000113	1.53	2.83	0.0538	0.000248	5.24	0.00144	0.0114	0.000443	0.000204	0.0000839	0.113	0.00000225	0.000072	0.000785	0.00198	
2059 Feb	0.000338	0.00102	0.155	0.0000113	1.53	2.83	0.0538	0.000248	5.24	0.00144	0.0114	0.000443	0.000204	0.0000839	0.113	0.00000225	0.000072	0.000785	0.00198	
2059 Mar	0.000338	0.00102	0.155	0.0000113	1.53	2.83	0.0538	0.000248	5.24	0.00144	0.0114	0.000443	0.000204	0.0000839	0.113	0.00000225	0.000072	0.000785	0.00198	
2059 Apr	0.000339	0.00102	0.155	0.0000113	1.54	2.84	0.054	0.000249	5.26	0.00145	0.0115	0.000444	0.000205	0.0000841	0.113	0.00000226	0.0000722	0.000788	0.00199	
2059 May	0.000349	0.00104	0.158	0.0000114	1.57	2.91	0.0557	0.000251	5.36	0.00147	0.0116	0.000459	0.000208	0.000086	0.116	0.00000228	0.0000731	0.000807	0.00201	
2059 Jun	0.000365	0.00104	0.161	0.0000112	1.58	2.98	0.0587	0.000241	5.43	0.00147	0.0114	0.000487	0.000208	0.0000879	0.118	0.00000223	0.0000722	0.000832	0.00198	
2059 Jul	0.000386	0.0011	0.171	0.0000119	1.68	3.16	0.0621	0.000256	5.76	0.00157	0.0122	0.000515	0.000222	0.0000931	0.125	0.00000238	0.0000767	0.000883	0.00211	
2059 Aug	0.000405	0.00116	0.18	0.0000125	1.76	3.32	0.0651	0.00027	6.05	0.00165	0.0128	0.00054	0.000232	0.0000979	0.132	0.0000025	0.0000807	0.000926	0.00222	
2059 Sep	0.000406	0.00117	0.181	0.0000126	1.78	3.34	0.0651	0.000278	6.1	0.00166	0.0129	0.000539	0.000232	0.0000983	0.133	0.00000252	0.0000817	0.000926	0.00223	
2059 Oct	0.000377	0.00112	0.17	0.000012	1.68	3.14	0.0599	0.000283	5.79	0.00156	0.0124	0.000493	0.000213	0.0000918	0.125	0.00000241	0.000079	0.000855	0.00209	
2059 Nov	0.000375	0.00112	0.169	0.000012	1.67	3.12	0.0595	0.000285	5.77	0.00156	0.0124	0.000489	0.000211	0.0000913	0.124	0.0000024	0.0000789	0.000849	0.00208	
2059 Dec	0.000375	0.00112	0.169	0.000012	1.67	3.13	0.0595	0.000285	5.77	0.00156	0.0124	0.000489	0.000211	0.0000913	0.124	0.0000024	0.0000789	0.000849	0.00208	
2060 Jan	0.000375	0.00112	0.169	0.000012	1.67	3.13	0.0595	0.000285	5.77	0.00156	0.0124	0.000489	0.000211	0.0000913	0.124	0.0000024	0.000079	0.000849	0.00208	
2060 Feb	0.000375	0.00112	0.169	0.000012	1.67	3.13	0.0595	0.000285	5.77	0.00156	0.0124	0.000489	0.000211	0.0000913	0.124	0.0000024	0.000079	0.00085	0.00208	
2060 Mar	0.000375	0.00112	0.169	0.000012	1.67	3.13	0.0595	0.000285	5.78	0.00156	0.0124	0.000489	0.000211	0.0000914	0.124	0.0000024	0.000079	0.00085	0.00208	
2060 Apr	0.000377	0.00112	0.17	0.0000121	1.68	3.14	0.0598	0.000286	5.8	0.00157	0.0124	0.000491	0.000212	0.0000917	0.125	0.00000241	0.0000793	0.000853	0.00209	
2060 May	0.000392	0.00113	0.173	0.000012	1.71	3.23	0.0625	0.000283	5.91	0.00158	0.0124	0.000517	0.000214	0.000094	0.128	0.0000024	0.0000794	0.000879	0.00208	
2060 Jun	0.000395	0.00109	0.17	0.0000113	1.66	3.19	0.0636	0.000259	5.76	0.00153	0.0118	0.000529	0.000208	0.0000927	0.126	0.00000226	0.0000753	0.000877	0.00198	
2060 Jul	0.000415	0.00115	0.179	0.000012	1.75	3.36	0.0668	0.000273	6.07	0.00162	0.0125	0.000556	0.00022	0.0000976	0.133	0.00000239	0.0000795	0.000925	0.0021	
2060 Aug	0.00042	0.00117	0.182	0.0000123	1.79	3.41	0.0675	0.000284	6.19	0.00165	0.0127	0.000561	0.000223	0.0000994	0.135	0.00000245	0.0000813	0.000933	0.00214	
2060 Sep	0.000394	0.00113	0.173	0.0000119	1.71	3.24	0.0629	0.000287	5.93	0.00157	0.0122	0.000519	0.000207	0.0000945	0.129	0.00000237	0.0000787	0.000868	0.00203	
2060 Oct	0.000387	0.00112	0.17	0.0000118	1.69	3.19	0.0615	0.000292	5.86	0.00155	0.0122	0.000507	0.000202	0.0000929	0.127	0.00000235	0.0000784	0.00085	0.00201	
2060 Nov	0.000383	0.00111	0.169	0.0000117	1.68	3.17	0.0608	0.000293	5.83	0.00154	0.0121	0.000501	0.0002	0.0000921	0.126	0.00000234	0.0000781	0.000841	0.00199	
2060 Dec	0.000383	0.00111	0.169	0.0000117	1.68	3.17	0.0609	0.000293	5.83	0.00155	0.0121	0.000501	0.0002	0.0000922	0.126	0.00000234	0.0000782	0.000842	0.00199	
2061 Jan	0.000383	0.00111	0.169	0.0000117	1.68	3.17	0.0609	0.000293	5.83	0.00155	0.0121	0.000501	0.0002	0.0000922	0.126	0.00000234	0.0000782	0.000842	0.00199	
2061 Feb	0.000383	0.00111	0.169	0.0000117	1.68	3.17	0.0609	0.000293	5.83	0.00155	0.0121	0.000501	0.0002	0.0000922	0.126	0.00000234	0.0000782	0.000842	0.00199	
2061 Mar	0.000383	0.00111	0.169	0.0000117	1.68	3.17	0.0609	0.000293	5.83	0.00155	0.0121	0.000501	0.0002	0.0000922	0.126	0.00000234	0.0000782	0.000842	0.00199	
2061 Apr	0.000385	0.00112	0.17	0.0000117	1.69	3.18	0.0611	0.000294	5.86	0.00155	0.0122	0.000503	0.000201	0.0000926	0.126	0.00000235	0.0000785	0.000845	0.002	
2061 May	0.0004	0.00113	0.174	0.0000117	1.72	3.27	0.064	0.00029	5.97	0.00157	0.0122	0.000529	0.000203	0.0000949	0.13	0.00000234	0.0000787	0.000873	0.002	
2061 Jun	0.00039	0.00105	0.165	0.0000108	1.62	3.13	0.0628	0.000257	5.64	0.00148	0.0112	0.000523	0.000194	0.0000907	0.124	0.00000215	0.0000725	0.000847	0.00186	
2061 Jul	0.000406	0.00111	0.173	0.0000113	1.7	3.27	0.0655	0.00027	5.9	0.00155	0.0118	0.000545	0.000204	0.0000949	0.13	0.00000227	0.0000761	0.000886	0.00196	
2061 Aug	0.000425	0.00116	0.182	0.0000119	1.78	3.43	0.0685	0.000283	6.19	0.00163	0.0124	0.00057	0.000214	0.0000995	0.136	0.00000238	0.0000799	0.000926	0.00206	
2061 Sep	0.000427	0.00117	0.183	0.000012	1.79	3.45	0.0686	0.00029	6.24	0.00164	0.0125	0.00057	0.000214	0.0001	0.137	0.00000241	0.0000808	0.000928	0.00207	
2061 Oct	0.000404	0.00113	0.174	0.0000116	1.72	3.29	0.0646	0.000292	5.99	0.00157	0.0122	0.000535	0.000201	0.0000951	0.131	0.00000233	0.0000787	0.000876	0.00198	
2061 Nov	0.000398	0.00112	0.172	0.0000115	1.7	3.25	0.0634	0.000293	5.93	0.00155	0.0121	0.000525	0.000197	0.0000937	0.129	0.0000023	0.0000782	0.000861	0.00195	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Dec	0.000398	0.00112	0.172	0.0000115	1.7	3.25	0.0634	0.000293	5.93	0.00155	0.0121	0.000525	0.000197	0.0000938	0.129	0.0000023	0.0000783	0.000861	0.00195	
2062 Jan	0.000398	0.00112	0.172	0.0000115	1.7	3.25	0.0634	0.000293	5.93	0.00155	0.0121	0.000525	0.000197	0.0000938	0.129	0.0000023	0.0000783	0.000861	0.00195	
2062 Feb	0.000398	0.00112	0.172	0.0000115	1.7	3.25	0.0635	0.000293	5.93	0.00155	0.0121	0.000525	0.000197	0.0000938	0.129	0.00000231	0.0000783	0.000862	0.00195	
2062 Mar	0.000399	0.00112	0.172	0.0000115	1.7	3.26	0.0635	0.000294	5.94	0.00155	0.0121	0.000526	0.000198	0.0000939	0.129	0.00000231	0.0000784	0.000863	0.00196	
2062 Apr	0.0004	0.00113	0.173	0.0000116	1.71	3.27	0.0638	0.000295	5.96	0.00156	0.0121	0.000528	0.000198	0.0000943	0.13	0.00000232	0.0000787	0.000866	0.00196	
2062 May	0.000405	0.00114	0.175	0.0000117	1.73	3.31	0.0645	0.000298	6.03	0.00158	0.0123	0.000534	0.000201	0.0000954	0.131	0.00000234	0.0000796	0.000876	0.00199	
2062 Jun	0.000357	0.00104	0.159	0.0000111	1.57	2.95	0.0568	0.000266	5.43	0.00146	0.0115	0.000467	0.000198	0.0000863	0.117	0.00000223	0.0000736	0.000805	0.00194	
2062 Jul	0.000335	0.00101	0.152	0.000011	1.51	2.8	0.0531	0.000252	5.19	0.00142	0.0113	0.000436	0.000199	0.0000825	0.112	0.00000221	0.0000715	0.000774	0.00194	
2062 Aug	0.000331	0.00101	0.152	0.0000111	1.52	2.79	0.0524	0.000259	5.2	0.00142	0.0113	0.000429	0.000196	0.0000825	0.111	0.00000223	0.000072	0.000761	0.00194	
2062 Sep	0.000322	0.001	0.149	0.000011	1.49	2.74	0.0507	0.000265	5.13	0.0014	0.0112	0.000413	0.000189	0.0000807	0.109	0.0000022	0.0000716	0.000737	0.0019	
2062 Oct	0.000299	0.00096	0.14	0.0000105	1.41	2.58	0.0465	0.000272	4.88	0.00132	0.0108	0.000375	0.000173	0.0000753	0.103	0.0000021	0.0000695	0.000679	0.00178	
2062 Nov	0.000299	0.000962	0.14	0.0000105	1.41	2.58	0.0464	0.000273	4.89	0.00132	0.0108	0.000375	0.000172	0.0000753	0.103	0.00000211	0.0000697	0.000678	0.00178	
2062 Dec	0.000299	0.000963	0.14	0.0000105	1.41	2.58	0.0464	0.000274	4.89	0.00132	0.0108	0.000375	0.000172	0.0000753	0.103	0.00000211	0.0000698	0.000678	0.00178	
2063 Jan	0.000299	0.000963	0.14	0.0000105	1.41	2.58	0.0464	0.000274	4.89	0.00132	0.0108	0.000375	0.000172	0.0000753	0.103	0.00000211	0.0000698	0.000678	0.00178	
2063 Feb	0.000299	0.000963	0.14	0.0000105	1.42	2.58	0.0464	0.000274	4.89	0.00132	0.0108	0.000375	0.000172	0.0000753	0.103	0.00000211	0.0000698	0.000678	0.00178	
2063 Mar	0.000299	0.000963	0.14	0.0000105	1.42	2.58	0.0464	0.000274	4.89	0.00132	0.0108	0.000375	0.000172	0.0000753	0.103	0.00000211	0.0000698	0.000678	0.00178	
2063 Apr	0.0003	0.000965	0.14	0.0000106	1.42	2.59	0.0465	0.000274	4.9	0.00133	0.0108	0.000376	0.000173	0.0000755	0.103	0.00000211	0.00007	0.00068	0.00179	
2063 May	0.000311	0.00098	0.144	0.0000106	1.45	2.66	0.0484	0.000275	5	0.00135	0.0109	0.000393	0.000175	0.0000774	0.106	0.00000213	0.0000706	0.0007	0.0018	
2063 Jun	0.000306	0.000891	0.136	0.00000951	1.35	2.53	0.0487	0.000226	4.64	0.00125	0.00983	0.000401	0.000169	0.0000738	0.1	0.0000019	0.0000629	0.00069	0.00166	
2063 Jul	0.000297	0.00088	0.134	0.00000954	1.33	2.47	0.0472	0.000222	4.56	0.00124	0.0098	0.000388	0.000171	0.0000725	0.0983	0.00000191	0.0000624	0.000681	0.00167	
2063 Aug	0.00031	0.000923	0.14	0.00001	1.39	2.59	0.0492	0.000234	4.78	0.0013	0.0103	0.000404	0.000179	0.0000758	0.103	0.000002	0.0000654	0.000709	0.00175	
2063 Sep	0.000308	0.000929	0.14	0.0000101	1.39	2.59	0.0488	0.000241	4.8	0.0013	0.0103	0.0004	0.000177	0.000076	0.103	0.00000202	0.0000661	0.000702	0.00175	
2063 Oct	0.000301	0.000918	0.137	0.00000997	1.37	2.54	0.0474	0.000245	4.73	0.00128	0.0102	0.000387	0.000171	0.0000743	0.101	0.00000199	0.0000657	0.000683	0.00171	
2063 Nov	0.0003	0.000919	0.137	0.00000997	1.37	2.54	0.0473	0.000246	4.73	0.00128	0.0102	0.000386	0.000171	0.0000742	0.101	0.00000199	0.0000657	0.000682	0.00171	
2063 Dec	0.000301	0.00092	0.137	0.00000998	1.37	2.54	0.0473	0.000246	4.73	0.00128	0.0102	0.000386	0.000171	0.0000742	0.101	0.000002	0.0000658	0.000682	0.00171	
2064 Jan	0.000301	0.00092	0.137	0.00000998	1.37	2.54	0.0474	0.000246	4.73	0.00128	0.0102	0.000386	0.000171	0.0000742	0.101	0.000002	0.0000658	0.000682	0.00171	
2064 Feb	0.000301	0.00092	0.137	0.00000998	1.37	2.54	0.0474	0.000246	4.74	0.00128	0.0102	0.000386	0.000171	0.0000742	0.101	0.000002	0.0000658	0.000682	0.00171	
2064 Mar	0.000301	0.000921	0.137	0.00000999	1.37	2.54	0.0474	0.000247	4.74	0.00128	0.0103	0.000387	0.000171	0.0000743	0.101	0.000002	0.0000659	0.000683	0.00172	
2064 Apr	0.000302	0.000923	0.138	0.00001	1.38	2.55	0.0475	0.000247	4.75	0.00128	0.0103	0.000388	0.000172	0.0000745	0.102	0.000002	0.000066	0.000685	0.00172	
2064 May	0.000317	0.000939	0.142	0.00001	1.41	2.64	0.0503	0.000245	4.88	0.00131	0.0104	0.000412	0.000174	0.000077	0.105	0.00000201	0.0000665	0.000712	0.00173	
2064 Jun	0.000331	0.000906	0.142	0.00000938	1.39	2.67	0.0533	0.00022	4.82	0.00128	0.00979	0.000444	0.000172	0.0000775	0.106	0.00000188	0.0000628	0.000732	0.00164	
2064 Jul	0.000338	0.000937	0.146	0.00000975	1.43	2.74	0.0544	0.000226	4.96	0.00132	0.0101	0.000453	0.000178	0.0000797	0.109	0.00000195	0.0000649	0.00075	0.0017	
2064 Aug	0.00034	0.000953	0.148	0.00000996	1.45	2.77	0.0546	0.000232	5.03	0.00134	0.0103	0.000454	0.000178	0.0000806	0.11	0.00000199	0.000066	0.000751	0.00173	
2064 Sep	0.000328	0.000939	0.144	0.00000985	1.42	2.69	0.0523	0.00024	4.94	0.00131	0.0102	0.000432	0.000171	0.0000785	0.107	0.00000197	0.0000655	0.000719	0.00168	
2064 Oct	0.000327	0.000944	0.144	0.00000989	1.42	2.7	0.0521	0.000245	4.95	0.00131	0.0102	0.00043	0.00017	0.0000784	0.107	0.00000198	0.000066	0.000717	0.00168	
2064 Nov	0.000328	0.000947	0.144	0.00000993	1.43	2.71	0.0523	0.000246	4.97	0.00132	0.0103	0.000431	0.00017	0.0000787	0.108	0.00000199	0.0000662	0.000719	0.00169	
2064 Dec	0.000329	0.000948	0.144	0.00000993	1.43	2.71	0.0523	0.000246	4.97	0.00132	0.0103	0.000432	0.00017	0.0000788	0.108	0.00000199	0.0000662	0.00072	0.00169	
2065 Jan	0.000329	0.000948	0.144	0.00000993	1.43	2.71	0.0523	0.000246	4.97	0.00132	0.0103	0.000432	0.00017	0.0000788	0.108	0.00000199	0.0000663	0.00072	0.00169	
2065 Feb	0.000329	0.000948	0.144	0.00000993	1.43	2.71	0.0523	0.000246	4.97	0.00132	0.0103	0.000432	0.00017	0.0000788	0.108	0.00000199	0.0000663	0.00072	0.00169	
2065 Mar	0.000329	0.000949	0.145	0.00000995	1.43	2.71	0.0524	0.000246	4.98	0.00132	0.0103	0.000432	0.000171	0.0000789	0.108	0.00000199	0.0000664	0.000721	0.00169	
2065 Apr	0.00033	0.000953	0.145	0.00000999	1.44	2.72	0.0526	0.000247	5	0.00132	0.0103	0.000434	0.000171	0.0000792	0.108	0.000002	0.0000666	0.000724	0.0017	
2065 May	0.000345	0.000973	0.15	0.0000101	1.48	2.82	0.0551	0.000248	5.14	0.00135	0.0105	0.000456	0.000175	0.0000818	0.112	0.00000202	0.0000676	0.000751	0.00172	
2065 Jun	0.000342	0.000932	0.146	0.00000958	1.43	2.75	0.0552	0.000225	4.97	0.00131	0.00999	0.00046	0.000174	0.00008	0.109	0.00000192	0.0000641	0.000748	0.00166	
2065 Jul	0.000356	0.000976	0.153	0.0000101	1.49	2.87	0.0573	0.000235	5.19	0.00137	0.0105	0.000477	0.000184	0.0000836	0.114	0.00000202	0.0000673	0.000782	0.00176	
2065 Aug	0.00037	0.00102	0.159	0.0000106	1.56	2.99	0.0595	0.000248	5.42	0.00143	0.011	0.000495	0.000191	0.0000872	0.119	0.00000212	0.0000704	0.000812	0.00184	
2065 Sep	0.000353	0.000997	0.153	0.0000104	1.51	2.89	0.0564	0.000254	5.27	0.00139	0.0108	0.000467	0.00018	0.0000839	0.115	0.00000207	0.0000694	0.000771	0.00177	
2065 Oct	0.000323	0.000953	0.143	0.00000988	1.42	2.69	0.0509	0.000264	4.97	0.0013	0.0103	0.000418	0.000162	0.0000773	0.107	0.00000198	0.0000674	0.0007	0.00165	
2065 Nov	0.00032	0.00095	0.142	0.00000986	1.42	2.67	0.0503	0.000267	4.95	0.0013	0.0103	0.000412	0.00016	0.0000767	0.106	0.00000197	0.0000675	0.000692	0.00164	
2065 Dec	0.00032	0.000951	0.142	0.00000986	1.42	2.67	0.0503	0.000267	4.95	0.0013	0.0103	0.000412	0.00016	0.0000767	0.106	0.00000197	0.0000675	0.000692	0.00164	
2066 Jan	0.00032	0.000951	0.142	0.00000986	1.42	2.67	0.0503	0.000267	4.95	0.0013	0.0103	0.000412	0.00016	0.0000767	0.106	0.00000197	0.0000675	0.000692	0.00164	
2066 Feb	0.00032	0.000951	0.142	0.00000987	1.42	2.67	0.0503	0.000268	4.96	0.0013	0.0103	0.000412	0.00016	0.0000767	0.106	0.00000197	0.0000676	0.000693	0.00164	
2066 Mar	0.000321	0.000953	0.142	0.00000989	1.42	2.68	0.0504	0.000268	4.97	0.0013	0.0104	0.000413	0.00016	0.0000769	0.107	0.00000198	0.0000677	0.000694	0.00165	
2066 Apr	0.000322	0.000956	0.143	0.00000992	1.42	2.69	0.0506	0.000269	4.98	0.0013	0.0104	0.000414	0.000161	0.0000771	0.107	0.00000198	0.0000679	0.000696	0.00165	
2066 May	0.000327	0.000968	0.145	0.00001	1.44	2.73	0.0514	0.000272	5.05	0.00132	0.0105	0.000421	0.000163	0.0000782	0.108	0.00000201	0.0000687	0.000707	0.00167	
2066 Jun	0.000304	0.000894	0.135	0.00000948	1.34	2.53	0.0481	0.000236	4.66	0.00124	0.00984	0.000395	0.000164	0.0000732	0.1	0.0000019	0.0000635	0.000679	0.00163	
2066 Jul	0.000312	0.000933	0.141	0.00001	1.4	2.61	0.0494	0.000244	4.83	0.0013	0.0103	0.000405	0.000175	0.000076	0.104	0.000002	0.0000664	0.000706	0.00173	
2066 Aug	0.000325	0.000978	0.147	0.0000105	1.46	2.72	0.0513	0.000257	5.05	0.00136	0.0108	0.000421	0.000182	0.0000794	0.108	0.0000021	0.0000695	0.000733	0.00181	
2066 Sep	0.000323	0.000982	0.146	0.0000106	1.46	2.72	0.0508	0.000264	5.06	0.00136	0.0109	0.000415	0.000179	0.0000791	0.108	0.00000211	0.0000701	0.000726	0.0018	
2066 Oct	0.000312	0.000968	0.143	0.0000104	1.43	2.65	0.0488	0.00027	4.96	0.00133	0.0107	0.000397	0.000172	0.0000768	0.106	0.00000208	0.0000696	0.000699	0.00176	
2066 Nov	0.00031	0.000966	0.142	0.0000104	1.43	2.64	0.0484	0.000272	4.95	0.00132	0.0107	0.000393	0.000171	0.0000763	0.105	0.00000207	0.0000696	0.000694	0.00175	
2066 Dec	0.00031	0.000966	0.142	0.0000104	1.43	2.64	0.0484	0.000272	4.95	0.00132	0.0107	0.000394	0.000171	0.0000764	0.105	0.00000207	0.0000696	0.000695	0.00175	
2067 Jan	0.00031	0.000967	0.142	0.0000104	1.43	2.64	0.0485	0.000272	4.95	0.00132	0.0107	0.000394	0.000171	0.0000764	0.105	0.00000207	0.0000696	0.000695	0.00175	
2067 Feb	0.000311	0.000967	0.142	0.0000104	1.43	2.64	0.0485	0.000272	4.95	0.00133	0.0107	0.000394	0.000171	0.0000764	0.105	0.00000207	0.0000696	0.000695	0.00175	
2067 Mar	0.000311	0.000968	0.142	0.0000104	1.43	2.65	0.0485	0.000272	4.96	0.00133	0.0108	0.000394	0.000171	0.0000765	0.105	0.00000208	0.0000697	0.000696	0.00175	
2067 Apr	0.000312	0.00097	0.143	0.0000104	1.43	2.65	0.0486	0.000273	4.97	0.00133	0.0108	0.000395	0.000171	0.0000767	0.106	0.00000208	0.0000699	0.000698	0.00176	
2067 May	0.000326	0.000992	0.147	0.0000105	1.47	2.75	0.0511	0.000274	5.12	0.00136	0.0109	0.000417	0.000175	0.0000793	0.109	0.00000211	0.000071	0.000725	0.00178	
2067 Jun	0.000335	0.000967	0.147	0.0000101	1.46	2.76	0.0532	0.000253	5.06	0.00134	0.0106	0.000438	0.000175	0.0000797	0.11	0.00000202	0.0000682	0.000741	0.00173	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 Jul	0.000351	0.00102	0.155	0.0000107	1.53	2.9	0.0557	0.000266	5.33	0.00141	0.0112	0.000459	0.000186	0.0000839	0.115	0.00000214	0.000072	0.000779	0.00184	
2067 Aug	0.000355	0.00105	0.158	0.000011	1.56	2.95	0.0562	0.000274	5.44	0.00145	0.0114	0.000463	0.000188	0.0000854	0.117	0.0000022	0.0000737	0.000785	0.00188	
2067 Sep	0.000353	0.00105	0.158	0.0000111	1.57	2.95	0.0558	0.000281	5.46	0.00145	0.0115	0.000458	0.000187	0.0000854	0.117	0.00000222	0.0000743	0.000779	0.00188	
2067 Oct	0.000338	0.00103	0.152	0.0000108	1.52	2.84	0.0529	0.000285	5.29	0.0014	0.0112	0.000433	0.000177	0.0000819	0.113	0.00000216	0.000073	0.000741	0.00181	
2067 Nov	0.000335	0.00102	0.151	0.0000108	1.51	2.83	0.0524	0.000287	5.27	0.00139	0.0112	0.000428	0.000175	0.0000813	0.112	0.00000215	0.000073	0.000734	0.0018	
2067 Dec	0.000335	0.00102	0.151	0.0000108	1.51	2.83	0.0524	0.000287	5.28	0.00139	0.0112	0.000428	0.000175	0.0000813	0.112	0.00000216	0.0000731	0.000734	0.0018	
2068 Jan	0.000335	0.00102	0.151	0.0000108	1.51	2.83	0.0524	0.000287	5.28	0.00139	0.0112	0.000428	0.000175	0.0000814	0.113	0.00000216	0.0000731	0.000734	0.0018	
2068 Feb	0.000335	0.00102	0.151	0.0000108	1.51	2.83	0.0524	0.000288	5.28	0.00139	0.0112	0.000428	0.000175	0.0000814	0.113	0.00000216	0.0000731	0.000735	0.0018	
2068 Mar	0.000336	0.00103	0.152	0.0000108	1.52	2.83	0.0525	0.000288	5.29	0.0014	0.0113	0.000429	0.000175	0.0000815	0.113	0.00000216	0.0000732	0.000736	0.0018	
2068 Apr	0.000338	0.00103	0.153	0.0000109	1.53	2.86	0.0529	0.00029	5.33	0.00141	0.0113	0.000432	0.000177	0.0000822	0.114	0.00000218	0.0000738	0.000742	0.00182	
2068 May	0.000351	0.00105	0.157	0.000011	1.56	2.94	0.0552	0.00029	5.45	0.00143	0.0114	0.000453	0.00018	0.0000844	0.117	0.00000219	0.0000745	0.000766	0.00183	
2068 Jun	0.000339	0.000951	0.147	0.00000977	1.44	2.76	0.0542	0.000242	5.02	0.00132	0.0103	0.00045	0.000171	0.0000795	0.109	0.00000195	0.0000663	0.000741	0.00167	
2068 Jul	0.000342	0.000974	0.149	0.0000101	1.47	2.8	0.0545	0.000247	5.11	0.00135	0.0106	0.000452	0.000177	0.0000809	0.111	0.00000202	0.0000679	0.000752	0.00174	
2068 Aug	0.000359	0.00103	0.157	0.0000107	1.55	2.95	0.0573	0.000261	5.39	0.00142	0.0111	0.000474	0.000186	0.0000852	0.117	0.00000214	0.0000717	0.000789	0.00183	
2068 Sep	0.000355	0.00103	0.156	0.0000107	1.54	2.93	0.0562	0.000269	5.37	0.00142	0.0112	0.000464	0.000183	0.0000844	0.116	0.00000214	0.0000721	0.000776	0.00182	
2068 Oct	0.000353	0.00103	0.156	0.0000107	1.54	2.92	0.0558	0.000274	5.37	0.00142	0.0112	0.00046	0.000181	0.0000841	0.116	0.00000214	0.0000725	0.000771	0.00181	
2068 Nov	0.000354	0.00103	0.156	0.0000108	1.55	2.93	0.0559	0.000275	5.39	0.00142	0.0112	0.000461	0.000181	0.0000843	0.116	0.00000215	0.0000728	0.000773	0.00182	
2068 Dec	0.000354	0.00103	0.156	0.0000108	1.55	2.93	0.056	0.000275	5.39	0.00142	0.0112	0.000461	0.000181	0.0000844	0.116	0.00000215	0.0000728	0.000773	0.00182	
2069 Jan	0.000354	0.00104	0.156	0.0000108	1.55	2.93	0.056	0.000275	5.39	0.00142	0.0112	0.000461	0.000182	0.0000844	0.116	0.00000215	0.0000728	0.000774	0.00182	
2069 Feb	0.000354	0.00104	0.156	0.0000108	1.55	2.93	0.056	0.000275	5.4	0.00142	0.0112	0.000462	0.000182	0.0000844	0.116	0.00000215	0.0000728	0.000774	0.00182	
2069 Mar	0.000354	0.00104	0.156	0.0000108	1.55	2.93	0.056	0.000275	5.4	0.00142	0.0112	0.000462	0.000182	0.0000844	0.116	0.00000215	0.0000728	0.000774	0.00182	
2069 Apr	0.000355	0.00104	0.157	0.0000108	1.55	2.94	0.0561	0.000276	5.41	0.00142	0.0113	0.000463	0.000182	0.0000846	0.117	0.00000216	0.000073	0.000775	0.00182	
2069 May	0.000362	0.00106	0.16	0.000011	1.58	3	0.0573	0.000281	5.52	0.00145	0.0115	0.000473	0.000186	0.0000863	0.119	0.0000022	0.0000744	0.000792	0.00186	
2069 Jun	0.000334	0.000984	0.149	0.0000105	1.48	2.77	0.0531	0.000251	5.1	0.00137	0.0109	0.000437	0.000185	0.0000807	0.11	0.0000021	0.0000695	0.000754	0.00182	
2069 Jul	0.000338	0.00101	0.153	0.0000109	1.51	2.82	0.0537	0.000255	5.21	0.00141	0.0112	0.000441	0.000193	0.0000823	0.112	0.00000217	0.0000714	0.000771	0.00189	
2069 Aug	0.000345	0.00104	0.157	0.0000112	1.55	2.89	0.0547	0.000265	5.35	0.00145	0.0115	0.000449	0.000197	0.0000845	0.115	0.00000224	0.0000735	0.000785	0.00194	
2069 Sep	0.00033	0.00101	0.151	0.0000109	1.5	2.79	0.0519	0.00027	5.2	0.0014	0.0113	0.000424	0.000186	0.0000812	0.111	0.00000219	0.0000722	0.000746	0.00187	
2069 Oct	0.000307	0.000974	0.142	0.0000105	1.43	2.63	0.0476	0.000277	4.95	0.00133	0.0109	0.000386	0.00017	0.0000759	0.105	0.0000021	0.0000704	0.000688	0.00176	
2069 Nov	0.000304	0.000972	0.141	0.0000105	1.42	2.62	0.0471	0.000281	4.94	0.00132	0.0108	0.000381	0.000168	0.0000754	0.104	0.00000209	0.0000705	0.000681	0.00175	
2069 Dec	0.000304	0.000973	0.141	0.0000105	1.42	2.62	0.0471	0.000281	4.94	0.00132	0.0108	0.000381	0.000168	0.0000754	0.104	0.00000209	0.0000705	0.000681	0.00175	
2070 Jan	0.000304	0.000973	0.141	0.0000105	1.42	2.62	0.0471	0.000281	4.94	0.00132	0.0108	0.000381	0.000168	0.0000754	0.104	0.00000209	0.0000705	0.000681	0.00175	
2070 Feb	0.000304	0.000973	0.141	0.0000105	1.42	2.62	0.0471	0.000281	4.94	0.00132	0.0109	0.000381	0.000168	0.0000754	0.104	0.00000209	0.0000705	0.000681	0.00175	
2070 Mar	0.000304	0.000974	0.141	0.0000105	1.42	2.62	0.0471	0.000281	4.95	0.00132	0.0109	0.000381	0.000168	0.0000755	0.104	0.00000209	0.0000706	0.000681	0.00175	
2070 Apr	0.000306	0.000978	0.142	0.0000105	1.43	2.63	0.0473	0.000282	4.97	0.00133	0.0109	0.000383	0.000169	0.0000758	0.105	0.0000021	0.0000709	0.000684	0.00176	
2070 May	0.000319	0.000996	0.146	0.0000106	1.46	2.72	0.0496	0.000283	5.09	0.00136	0.011	0.000403	0.000172	0.0000781	0.108	0.00000212	0.0000718	0.000709	0.00178	
2070 Jun	0.000335	0.00098	0.148	0.0000102	1.47	2.77	0.0529	0.000262	5.1	0.00135	0.0107	0.000435	0.000174	0.0000797	0.11	0.00000204	0.0000694	0.000737	0.00174	
2070 Jul	0.000346	0.00102	0.154	0.0000107	1.52	2.87	0.0546	0.000272	5.3	0.0014	0.0112	0.000449	0.000182	0.0000828	0.114	0.00000214	0.0000723	0.000765	0.00182	
2070 Aug	0.000356	0.00106	0.159	0.0000111	1.58	2.97	0.0562	0.000283	5.48	0.00145	0.0116	0.000462	0.000188	0.0000855	0.118	0.00000222	0.0000749	0.000786	0.00188	
2070 Sep	0.00034	0.00103	0.153	0.0000109	1.53	2.86	0.0533	0.000289	5.33	0.00141	0.0113	0.000436	0.000177	0.0000822	0.114	0.00000217	0.0000738	0.000747	0.00182	
2070 Oct	0.000325	0.00101	0.148	0.0000106	1.48	2.76	0.0505	0.000294	5.18	0.00136	0.0111	0.00041	0.000168	0.0000788	0.11	0.00000212	0.0000727	0.00071	0.00175	
2070 Nov	0.000324	0.00101	0.147	0.0000106	1.48	2.76	0.0503	0.000295	5.17	0.00136	0.0111	0.000409	0.000167	0.0000786	0.11	0.00000212	0.0000728	0.000708	0.00175	
2070 Dec	0.000324	0.00101	0.147	0.0000106	1.48	2.76	0.0503	0.000295	5.17	0.00136	0.0111	0.000409	0.000167	0.0000786	0.11	0.00000212	0.0000728	0.000708	0.00175	
2071 Jan	0.000324	0.00101	0.148	0.0000106	1.48	2.76	0.0503	0.000295	5.17	0.00136	0.0111	0.000409	0.000167	0.0000786	0.11	0.00000212	0.0000728	0.000708	0.00175	
2071 Feb	0.000324	0.00101	0.148	0.0000106	1.48	2.76	0.0503	0.000295	5.17	0.00136	0.0111	0.000409	0.000167	0.0000786	0.11	0.00000212	0.0000728	0.000708	0.00175	
2071 Mar	0.000324	0.00101	0.148	0.0000106	1.48	2.76	0.0503	0.000295	5.17	0.00136	0.0111	0.000409	0.000167	0.0000787	0.11	0.00000212	0.0000728	0.000708	0.00175	
2071 Apr	0.000325	0.00101	0.148	0.0000106	1.48	2.76	0.0504	0.000296	5.18	0.00136	0.0111	0.00041	0.000167	0.0000788	0.11	0.00000212	0.0000729	0.000709	0.00175	
2071 May	0.000336	0.00102	0.151	0.0000106	1.5	2.83	0.0524	0.000292	5.26	0.00138	0.0111	0.000428	0.000169	0.0000805	0.112	0.00000212	0.000073	0.00073	0.00175	
2071 Jun	0.000338	0.000971	0.148	0.00000994	1.45	2.78	0.0536	0.00026	5.09	0.00133	0.0105	0.000443	0.000169	0.0000794	0.11	0.00000199	0.0000683	0.000736	0.00168	
2071 Jul	0.000341	0.000989	0.15	0.0000102	1.48	2.82	0.0541	0.000263	5.16	0.00136	0.0107	0.000446	0.000174	0.0000807	0.112	0.00000204	0.0000698	0.000749	0.00174	
2071 Aug	0.000353	0.00103	0.156	0.0000107	1.54	2.92	0.0559	0.000275	5.37	0.00141	0.0112	0.00046	0.00018	0.0000838	0.116	0.00000213	0.0000726	0.000773	0.0018	
2071 Sep	0.000341	0.00101	0.151	0.0000105	1.51	2.85	0.0537	0.000281	5.26	0.00138	0.011	0.00044	0.000173	0.0000816	0.113	0.0000021	0.0000718	0.000743	0.00176	
2071 Oct	0.000333	0.000999	0.148	0.0000104	1.48	2.79	0.0522	0.000283	5.18	0.00136	0.0109	0.000427	0.000168	0.0000798	0.111	0.00000207	0.0000713	0.000723	0.00173	
2071 Nov	0.00033	0.000997	0.147	0.0000104	1.47	2.77	0.0515	0.000287	5.16	0.00135	0.0109	0.000421	0.000166	0.0000792	0.11	0.00000207	0.0000713	0.000715	0.00171	
2071 Dec	0.00033	0.000998	0.147	0.0000104	1.47	2.77	0.0515	0.000287	5.16	0.00135	0.0109	0.000421	0.000166	0.0000792	0.11	0.00000207	0.0000714	0.000715	0.00171	
2072 Jan	0.00033	0.000998	0.147	0.0000104	1.47	2.77	0.0515	0.000287	5.16	0.00135	0.0109	0.000421	0.000166	0.0000792	0.11	0.00000207	0.0000714	0.000715	0.00171	
2072 Feb	0.00033	0.000998	0.148	0.0000104	1.47	2.77	0.0515	0.000287	5.16	0.00135	0.0109	0.000421	0.000166	0.0000792	0.11	0.00000207	0.0000714	0.000715	0.00172	
2072 Mar	0.00033	0.000998	0.148	0.0000104	1.47	2.78	0.0515	0.000287	5.16	0.00135	0.0109	0.000421	0.000166	0.0000792	0.11	0.00000207	0.0000714	0.000715	0.00172	
2072 Apr	0.000331	0.001	0.148	0.0000104	1.48	2.78	0.0517	0.000288	5.18	0.00136	0.0109	0.000422	0.000166	0.0000794	0.111	0.00000208	0.0000716	0.000718	0.00172	
2072 May	0.000336	0.00102	0.15	0.0000106	1.5	2.83	0.0526	0.000293	5.27	0.00138	0.0111	0.000429	0.000169	0.0000807	0.112	0.00000211	0.0000728	0.000729	0.00175	
2072 Jun	0.00031	0.000965	0.142	0.0000104	1.43	2.64	0.0485	0.00027	4.94	0.00132	0.0108	0.000394	0.000173	0.0000762	0.105	0.00000207	0.0000697	0.0007	0.00176	
2072 Jul	0.000307	0.000972	0.143	0.0000106	1.43	2.63	0.0478	0.000269	4.94	0.00133	0.0109	0.000388	0.000176	0.0000762	0.105	0.00000211	0.0000701	0.000698	0.0018	
2072 Aug	0.000296	0.000962	0.139	0.0000105	1.41	2.57	0.0459	0.000277	4.88	0.00132	0.0108	0.00037	0.000169	0.000075	0.103	0.00000211	0.0000696	0.000667	0.00176	
2072 Sep	0.000286	0.000947	0.135	0.0000104	1.38	2.5	0.0439	0.000283	4.8	0.00129	0.0106	0.000352	0.000161	0.0000732	0.1	0.00000208	0.0000689	0.000636	0.00172	
2072 Oct	0.000271	0.000923	0.13	0.0000101	1.33	2.41	0.0413	0.000288	4.65	0.00124	0.0103	0.000328	0.00015	0.0000698	0.0964	0.00000202	0.0000678	0.0006	0.00164	
2072 Nov	0.00027	0.000921	0.129	0.0000101	1.33	2.4	0.041	0.000289	4.63	0.00124	0.0103	0.000325	0.000149	0.0000694	0.0961	0.00000201	0.0000678	0.000596	0.00164	
2072 Dec	0.00027	0.000921	0.129	0.0000101	1.33	2.4	0.041	0.000289	4.63	0.00124	0.0103	0.000325	0.000149	0.0000694	0.0961	0.00000201	0.0000678	0.000596	0.00164	
2073 Jan	0.00027	0.000921	0.129	0.0000101	1.33	2.4	0.041	0.000289	4.63	0.00124	0.0103	0.000325	0.000149	0.0000694	0.0961	0.00000201	0.0000678	0.000596	0.00164	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2073 Feb	0.00027	0.000921	0.129	0.0000101	1.33	2.4	0.041	0.00029	4.63	0.00124	0.0103	0.000325	0.000149	0.0000694	0.0961	0.00000201	0.0000678	0.000597	0.00164	
2073 Mar	0.00027	0.000922	0.129	0.0000101	1.33	2.4	0.041	0.00029	4.64	0.00124	0.0103	0.000325	0.000149	0.0000695	0.0962	0.00000202	0.0000678	0.000597	0.00164	
2073 Apr	0.000272	0.000928	0.13	0.0000101	1.34	2.42	0.0413	0.000292	4.67	0.00125	0.0104	0.000328	0.00015	0.00007	0.0968	0.00000203	0.0000683	0.000601	0.00165	
2073 May	0.00029	0.000946	0.135	0.0000102	1.38	2.52	0.0446	0.000288	4.82	0.00128	0.0105	0.000358	0.000154	0.000073	0.101	0.00000204	0.0000688	0.000635	0.00166	
2073 Jun	0.000309	0.000932	0.138	0.0000098	1.39	2.6	0.0485	0.000264	4.84	0.00128	0.0102	0.000395	0.000158	0.000075	0.104	0.00000196	0.0000665	0.000673	0.00163	
2073 Jul	0.000314	0.000956	0.141	0.0000101	1.42	2.65	0.0492	0.00027	4.95	0.00131	0.0105	0.000401	0.000163	0.0000766	0.106	0.00000202	0.0000681	0.000686	0.00168	
2073 Aug	0.000322	0.000989	0.146	0.0000105	1.46	2.73	0.0504	0.000279	5.1	0.00135	0.0108	0.000411	0.000167	0.0000789	0.109	0.00000209	0.0000704	0.000702	0.00173	
2073 Sep	0.000315	0.000981	0.143	0.0000104	1.45	2.69	0.0491	0.000284	5.05	0.00133	0.0107	0.000399	0.000162	0.0000776	0.107	0.00000208	0.0000701	0.000683	0.00171	
2073 Oct	0.000302	0.00096	0.139	0.0000101	1.4	2.6	0.0467	0.000288	4.92	0.00129	0.0105	0.000377	0.000154	0.0000747	0.104	0.00000203	0.0000692	0.000652	0.00165	
2073 Nov	0.000299	0.000956	0.138	0.0000101	1.4	2.58	0.0462	0.00029	4.89	0.00128	0.0105	0.000373	0.000152	0.0000741	0.103	0.00000202	0.0000691	0.000646	0.00164	
2073 Dec	0.0003	0.000957	0.138	0.0000101	1.4	2.58	0.0462	0.00029	4.9	0.00129	0.0105	0.000373	0.000152	0.0000741	0.103	0.00000202	0.0000691	0.000646	0.00164	
2074 Jan	0.0003	0.000957	0.138	0.0000101	1.4	2.58	0.0462	0.00029	4.9	0.00129	0.0105	0.000373	0.000152	0.0000742	0.103	0.00000202	0.0000691	0.000646	0.00164	
2074 Feb	0.0003	0.000957	0.138	0.0000101	1.4	2.58	0.0462	0.00029	4.9	0.00129	0.0105	0.000373	0.000152	0.0000742	0.103	0.00000202	0.0000691	0.000646	0.00164	
2074 Mar	0.0003	0.000958	0.138	0.0000101	1.4	2.58	0.0462	0.00029	4.9	0.00129	0.0105	0.000373	0.000153	0.0000742	0.103	0.00000202	0.0000692	0.000647	0.00164	
2074 Apr	0.000302	0.000963	0.139	0.0000102	1.41	2.6	0.0465	0.000292	4.93	0.00129	0.0106	0.000375	0.000153	0.0000746	0.104	0.00000204	0.0000696	0.00065	0.00165	
2074 May	0.000324	0.000983	0.145	0.0000102	1.45	2.73	0.0506	0.000287	5.1	0.00133	0.0107	0.000412	0.000159	0.0000782	0.109	0.00000204	0.00007	0.000692	0.00167	
2074 Jun	0.000336	0.000943	0.144	0.00000952	1.42	2.74	0.0535	0.000253	5	0.00129	0.01	0.000443	0.000159	0.0000785	0.109	0.0000019	0.0000657	0.000715	0.00159	
2074 Jul	0.00035	0.000986	0.151	0.00001	1.49	2.86	0.0556	0.000264	5.22	0.00135	0.0105	0.00046	0.000167	0.0000819	0.113	0.000002	0.0000688	0.000746	0.00167	
2074 Aug	0.000368	0.00104	0.159	0.0000106	1.57	3.01	0.0584	0.000279	5.5	0.00143	0.0111	0.000483	0.000176	0.0000863	0.119	0.00000211	0.0000726	0.000784	0.00177	
2074 Sep	0.000353	0.00102	0.154	0.0000104	1.53	2.92	0.0558	0.000285	5.37	0.00139	0.0109	0.000459	0.000168	0.0000835	0.116	0.00000208	0.0000718	0.00075	0.00172	
2074 Oct	0.000343	0.00101	0.15	0.0000103	1.5	2.86	0.0539	0.00029	5.28	0.00136	0.0108	0.000441	0.000161	0.0000814	0.113	0.00000205	0.0000714	0.000726	0.00168	
2074 Nov	0.000343	0.00101	0.15	0.0000103	1.5	2.86	0.0538	0.000291	5.29	0.00136	0.0108	0.000441	0.000161	0.0000814	0.113	0.00000206	0.0000715	0.000725	0.00168	
2074 Dec	0.000343	0.00101	0.15	0.0000103	1.5	2.86	0.0538	0.000292	5.29	0.00136	0.0108	0.000441	0.000161	0.0000814	0.113	0.00000206	0.0000715	0.000726	0.00168	
2075 Jan	0.000343	0.00101	0.15	0.0000103	1.5	2.86	0.0538	0.000292	5.29	0.00136	0.0108	0.000441	0.000161	0.0000814	0.114	0.00000206	0.0000715	0.000726	0.00168	
2075 Feb	0.000343	0.00101	0.15	0.0000103	1.5	2.86	0.0538	0.000292	5.29	0.00136	0.0108	0.000441	0.000161	0.0000814	0.114	0.00000206	0.0000716	0.000726	0.00168	
2075 Mar	0.000344	0.00101	0.151	0.0000103	1.5	2.86	0.0539	0.000292	5.3	0.00137	0.0109	0.000442	0.000162	0.0000815	0.114	0.00000206	0.0000716	0.000727	0.00168	
2075 Apr	0.000345	0.00102	0.151	0.0000104	1.51	2.88	0.0542	0.000293	5.32	0.00137	0.0109	0.000444	0.000162	0.0000819	0.114	0.00000207	0.000072	0.00073	0.00169	
2075 May	0.000354	0.00103	0.154	0.0000105	1.54	2.94	0.0556	0.000296	5.42	0.0014	0.0111	0.000456	0.000165	0.0000836	0.117	0.0000021	0.000073	0.000747	0.00172	
2075 Jun	0.000307	0.000935	0.139	0.00000997	1.39	2.59	0.0482	0.000259	4.83	0.00129	0.0103	0.000393	0.000166	0.000075	0.103	0.00000199	0.000067	0.000685	0.00169	
2075 Jul	0.000297	0.000924	0.137	0.0000101	1.37	2.52	0.0465	0.000251	4.73	0.00128	0.0103	0.000378	0.000171	0.0000736	0.101	0.00000201	0.0000665	0.000676	0.00172	
2075 Aug	0.000302	0.000948	0.14	0.0000103	1.4	2.58	0.0472	0.00026	4.84	0.00131	0.0106	0.000384	0.000174	0.0000753	0.103	0.00000207	0.0000682	0.000686	0.00176	
2075 Sep	0.000304	0.00096	0.141	0.0000105	1.42	2.6	0.0474	0.000266	4.9	0.00132	0.0107	0.000385	0.000174	0.000076	0.104	0.00000209	0.0000692	0.000689	0.00178	
2075 Oct	0.000299	0.000955	0.139	0.0000104	1.41	2.57	0.0465	0.00027	4.86	0.00131	0.0107	0.000377	0.000171	0.000075	0.103	0.00000208	0.0000691	0.000677	0.00176	
2075 Nov	0.000299	0.000958	0.14	0.0000104	1.41	2.58	0.0465	0.000272	4.87	0.00131	0.0107	0.000376	0.000171	0.000075	0.103	0.00000209	0.0000693	0.000677	0.00176	
2075 Dec	0.0003	0.000958	0.14	0.0000104	1.41	2.58	0.0466	0.000272	4.87	0.00132	0.0107	0.000376	0.000171	0.0000751	0.103	0.00000209	0.0000694	0.000677	0.00176	
2076 Jan	0.0003	0.000958	0.14	0.0000104	1.41	2.58	0.0466	0.000272	4.88	0.00132	0.0107	0.000377	0.000171	0.0000751	0.103	0.00000209	0.0000694	0.000677	0.00176	
2076 Feb	0.0003	0.000959	0.14	0.0000104	1.41	2.58	0.0466	0.000272	4.88	0.00132	0.0107	0.000377	0.000171	0.0000751	0.103	0.00000209	0.0000694	0.000678	0.00176	
2076 Mar	0.0003	0.00096	0.14	0.0000105	1.41	2.58	0.0466	0.000272	4.88	0.00132	0.0107	0.000377	0.000171	0.0000752	0.103	0.00000209	0.0000695	0.000678	0.00176	
2076 Apr	0.000301	0.000963	0.14	0.0000105	1.42	2.59	0.0468	0.000273	4.9	0.00132	0.0108	0.000378	0.000171	0.0000754	0.103	0.0000021	0.0000697	0.00068	0.00177	
2076 May	0.000315	0.000982	0.145	0.0000106	1.45	2.68	0.0492	0.000274	5.03	0.00135	0.0109	0.0004	0.000175	0.0000779	0.107	0.00000212	0.0000706	0.000707	0.00179	
2076 Jun	0.000326	0.000945	0.144	0.00000995	1.42	2.69	0.0519	0.000245	4.94	0.00131	0.0103	0.000427	0.000174	0.0000781	0.107	0.00000199	0.0000666	0.000725	0.00171	
2076 Jul	0.000331	0.000966	0.147	0.0000102	1.45	2.74	0.0525	0.000249	5.03	0.00134	0.0106	0.000432	0.000179	0.0000795	0.109	0.00000205	0.0000681	0.000739	0.00176	
2076 Aug	0.000344	0.00101	0.153	0.0000107	1.52	2.85	0.0545	0.000262	5.25	0.0014	0.0111	0.000449	0.000186	0.0000829	0.113	0.00000214	0.0000712	0.000766	0.00184	
2076 Sep	0.000345	0.00102	0.154	0.0000108	1.53	2.87	0.0547	0.000269	5.31	0.00142	0.0112	0.000449	0.000186	0.0000836	0.114	0.00000217	0.0000722	0.000769	0.00185	
2076 Oct	0.000333	0.001	0.15	0.0000106	1.49	2.79	0.0524	0.000273	5.18	0.00138	0.011	0.000429	0.000178	0.0000808	0.111	0.00000212	0.0000713	0.000738	0.0018	
2076 Nov	0.000331	0.000998	0.149	0.0000106	1.49	2.78	0.052	0.000274	5.16	0.00137	0.011	0.000425	0.000177	0.0000803	0.111	0.00000212	0.0000712	0.000733	0.00179	
2076 Dec	0.000331	0.000999	0.149	0.0000106	1.49	2.78	0.052	0.000274	5.17	0.00137	0.011	0.000425	0.000177	0.0000804	0.111	0.00000212	0.0000713	0.000733	0.00179	
2077 Jan	0.000331	0.000999	0.149	0.0000106	1.49	2.78	0.052	0.000274	5.17	0.00137	0.011	0.000425	0.000177	0.0000804	0.111	0.00000212	0.0000713	0.000733	0.00179	
2077 Feb	0.000331	0.000999	0.149	0.0000106	1.49	2.78	0.052	0.000274	5.17	0.00137	0.011	0.000425	0.000177	0.0000804	0.111	0.00000212	0.0000713	0.000734	0.00179	
2077 Mar	0.000331	0.001	0.149	0.0000106	1.49	2.78	0.052	0.000274	5.17	0.00137	0.011	0.000425	0.000177	0.0000804	0.111	0.00000212	0.0000713	0.000734	0.00179	
2077 Apr	0.000332	0.001	0.15	0.0000106	1.49	2.79	0.0522	0.000275	5.19	0.00138	0.011	0.000427	0.000177	0.0000807	0.111	0.00000213	0.0000716	0.000737	0.0018	
2077 May	0.000343	0.00102	0.153	0.0000107	1.52	2.86	0.0541	0.000275	5.28	0.0014	0.0111	0.000443	0.00018	0.0000825	0.114	0.00000214	0.0000721	0.000756	0.00181	
2077 Jun	0.000345	0.000971	0.15	0.0000101	1.47	2.81	0.055	0.000248	5.12	0.00135	0.0105	0.000455	0.000177	0.0000812	0.111	0.00000201	0.0000679	0.000758	0.00173	
2077 Jul	0.000356	0.00101	0.156	0.0000106	1.53	2.92	0.0569	0.000257	5.32	0.00141	0.011	0.00047	0.000187	0.0000844	0.116	0.00000211	0.0000709	0.000789	0.00182	
2077 Aug	0.000371	0.00106	0.162	0.0000111	1.6	3.04	0.0592	0.000271	5.56	0.00147	0.0115	0.000489	0.000195	0.0000882	0.121	0.00000221	0.0000742	0.000821	0.00191	
2077 Sep	0.000348	0.00102	0.154	0.0000107	1.53	2.89	0.0551	0.000275	5.33	0.00141	0.0111	0.000452	0.000181	0.0000836	0.115	0.00000214	0.0000722	0.000765	0.00181	
2077 Oct	0.000342	0.00101	0.152	0.0000106	1.52	2.85	0.0539	0.00028	5.28	0.00139	0.0111	0.000441	0.000176	0.0000823	0.113	0.00000213	0.0000721	0.000749	0.00179	
2077 Nov	0.000343	0.00102	0.152	0.0000107	1.52	2.86	0.054	0.000281	5.3	0.0014	0.0111	0.000442	0.000177	0.0000825	0.114	0.00000213	0.0000723	0.000751	0.00179	
2077 Dec	0.000343	0.00102	0.152	0.0000107	1.52	2.86	0.054	0.000281	5.3	0.0014	0.0111	0.000442	0.000177	0.0000825	0.114	0.00000213	0.0000724	0.000751	0.00179	
2078 Jan	0.000343	0.00102	0.152	0.0000107	1.52	2.86	0.054	0.000281	5.3	0.0014	0.0111	0.000442	0.000177	0.0000825	0.114	0.00000213	0.0000724	0.000751	0.00179	
2078 Feb	0.000343	0.00102	0.152	0.0000107	1.52	2.86	0.054	0.000281	5.3	0.0014	0.0111	0.000442	0.000177	0.0000825	0.114	0.00000213	0.0000724	0.000751	0.0018	
2078 Mar	0.000343	0.00102	0.152	0.0000107	1.52	2.86	0.054	0.000282	5.3	0.0014	0.0111	0.000442	0.000177	0.0000826	0.114	0.00000213	0.0000724	0.000752	0.0018	
2078 Apr	0.000345	0.00103	0.154	0.0000107	1.53	2.88	0.0544	0.000283	5.34	0.00141	0.0112	0.000445	0.000178	0.0000831	0.115	0.00000215	0.0000729	0.000757	0.00181	
2078 May	0.000368	0.00104	0.159	0.0000106	1.57	3.01	0.0585	0.000275	5.48	0.00143	0.0112	0.000484	0.000181	0.0000864	0.119	0.00000212	0.0000726	0.000796	0.0018	
2078 Jun	0.000371	0.000992	0.156	0.00000993	1.52	2.97	0.0597	0.000248	5.32	0.00138	0.0105	0.000497	0.000177	0.0000851	0.117	0.00000199	0.0000683	0.000796	0.0017	
2078 Jul	0.000386	0.00104	0.163	0.0000104	1.59	3.09	0.062	0.000259	5.56	0.00144	0.011	0.000517	0.000185	0.0000888	0.122	0.00000209	0.0000715	0.000829	0.00179	
2078 Aug	0.00039	0.00106	0.166	0.0000107	1.62	3.14	0.0626	0.000267	5.67	0.00147	0.0113	0.000522	0.000187	0.0000903	0.124	0.00000214	0.0000731	0.000836	0.00182	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Sep	0.00039	0.00107	0.166	0.0000108	1.63	3.15	0.0624	0.000274	5.71	0.00148	0.0114	0.000519	0.000186	0.0000907	0.125	0.00000217	0.0000739	0.000833	0.00183	
2078 Oct	0.000383	0.00106	0.164	0.0000107	1.61	3.11	0.0611	0.000277	5.64	0.00146	0.0113	0.000507	0.000182	0.0000892	0.123	0.00000215	0.0000736	0.000817	0.00181	
2078 Nov	0.000382	0.00106	0.163	0.0000107	1.61	3.1	0.0609	0.000278	5.64	0.00146	0.0113	0.000505	0.000182	0.0000891	0.123	0.00000215	0.0000736	0.000815	0.0018	
2078 Dec	0.000382	0.00106	0.163	0.0000107	1.61	3.1	0.0609	0.000279	5.64	0.00146	0.0113	0.000506	0.000182	0.0000891	0.123	0.00000215	0.0000737	0.000815	0.00181	
2079 Jan	0.000382	0.00106	0.163	0.0000107	1.61	3.1	0.061	0.000279	5.64	0.00146	0.0113	0.000506	0.000182	0.0000891	0.123	0.00000215	0.0000737	0.000815	0.00181	
2079 Feb	0.000382	0.00106	0.163	0.0000107	1.61	3.1	0.061	0.000279	5.64	0.00146	0.0113	0.000506	0.000182	0.0000891	0.123	0.00000215	0.0000737	0.000815	0.00181	
2079 Mar	0.000382	0.00106	0.164	0.0000107	1.61	3.11	0.061	0.000279	5.65	0.00146	0.0113	0.000506	0.000182	0.0000892	0.123	0.00000215	0.0000737	0.000815	0.00181	
2079 Apr	0.000384	0.00107	0.164	0.0000108	1.62	3.12	0.0612	0.00028	5.67	0.00147	0.0114	0.000508	0.000183	0.0000895	0.124	0.00000216	0.000074	0.000819	0.00181	
2079 May	0.000391	0.00108	0.167	0.000011	1.64	3.17	0.0624	0.000284	5.77	0.00149	0.0115	0.000518	0.000186	0.0000911	0.126	0.00000219	0.0000752	0.000834	0.00184	
2079 Jun	0.000353	0.000984	0.153	0.0000102	1.5	2.87	0.0566	0.000245	5.21	0.00138	0.0106	0.000469	0.000182	0.0000831	0.114	0.00000204	0.0000685	0.000777	0.00176	
2079 Jul	0.000346	0.000981	0.151	0.0000103	1.49	2.83	0.0554	0.000243	5.16	0.00138	0.0107	0.000459	0.000185	0.0000824	0.112	0.00000207	0.0000685	0.000771	0.0018	
2079 Aug	0.000357	0.00102	0.157	0.0000107	1.54	2.93	0.057	0.000253	5.35	0.00143	0.0111	0.000472	0.000191	0.0000853	0.116	0.00000215	0.0000711	0.000793	0.00186	
2079 Sep	0.000348	0.00101	0.154	0.0000107	1.52	2.87	0.0553	0.00026	5.28	0.0014	0.011	0.000456	0.000185	0.0000835	0.114	0.00000213	0.0000709	0.00077	0.00183	
2079 Oct	0.000339	0.001	0.151	0.0000105	1.5	2.82	0.0537	0.000265	5.2	0.00138	0.0109	0.000441	0.000179	0.0000817	0.112	0.00000211	0.0000706	0.000749	0.00179	
2079 Nov	0.000336	0.000997	0.15	0.0000105	1.49	2.8	0.053	0.000267	5.18	0.00137	0.0109	0.000435	0.000177	0.0000809	0.111	0.0000021	0.0000705	0.000741	0.00178	
2079 Dec	0.000334	0.000994	0.149	0.0000105	1.48	2.79	0.0526	0.000269	5.16	0.00137	0.0109	0.000432	0.000175	0.0000805	0.111	0.00000209	0.0000705	0.000735	0.00177	
2080 Jan	0.000334	0.000994	0.149	0.0000105	1.48	2.79	0.0526	0.000269	5.16	0.00137	0.0109	0.000432	0.000175	0.0000805	0.111	0.00000209	0.0000705	0.000735	0.00177	
2080 Feb	0.000334	0.000995	0.149	0.0000105	1.48	2.79	0.0526	0.000269	5.16	0.00137	0.0109	0.000432	0.000175	0.0000805	0.111	0.00000209	0.0000705	0.000735	0.00177	
2080 Mar	0.000334	0.000995	0.149	0.0000105	1.48	2.79	0.0526	0.000269	5.16	0.00137	0.0109	0.000432	0.000175	0.0000805	0.111	0.00000209	0.0000705	0.000735	0.00177	
2080 Apr	0.000335	0.000997	0.149	0.0000105	1.49	2.79	0.0527	0.00027	5.17	0.00137	0.0109	0.000433	0.000176	0.0000807	0.111	0.0000021	0.0000707	0.000737	0.00177	
2080 May	0.00034	0.00101	0.152	0.0000107	1.51	2.84	0.0537	0.000274	5.26	0.00139	0.0111	0.000441	0.000179	0.0000821	0.113	0.00000213	0.0000719	0.00075	0.0018	
2080 Jun	0.00031	0.000952	0.142	0.0000104	1.42	2.62	0.0488	0.000251	4.88	0.00133	0.0106	0.000399	0.00018	0.0000766	0.104	0.00000207	0.0000681	0.00071	0.00179	
2080 Jul	0.000298	0.000937	0.139	0.0000104	1.39	2.54	0.0468	0.000244	4.76	0.00131	0.0106	0.000382	0.000182	0.0000748	0.101	0.00000208	0.0000673	0.000694	0.00181	
2080 Aug	0.000301	0.000959	0.141	0.0000106	1.42	2.58	0.0472	0.000251	4.86	0.00134	0.0108	0.000385	0.000183	0.000076	0.103	0.00000213	0.0000687	0.000698	0.00184	
2080 Sep	0.000294	0.000952	0.139	0.0000106	1.4	2.54	0.0459	0.000258	4.81	0.00132	0.0107	0.000372	0.000178	0.000075	0.102	0.00000212	0.0000685	0.000679	0.00181	
2080 Oct	0.000289	0.000946	0.137	0.0000105	1.39	2.51	0.0448	0.000263	4.77	0.0013	0.0107	0.000362	0.000173	0.0000737	0.1	0.0000021	0.0000685	0.000664	0.00178	
2080 Nov	0.000285	0.000942	0.136	0.0000104	1.37	2.49	0.0441	0.000266	4.74	0.00129	0.0106	0.000355	0.00017	0.0000728	0.0994	0.00000209	0.0000684	0.000653	0.00176	
2080 Dec	0.000285	0.000942	0.136	0.0000104	1.37	2.49	0.044	0.000267	4.74	0.00129	0.0106	0.000355	0.00017	0.0000728	0.0994	0.00000209	0.0000684	0.000653	0.00176	
2081 Jan	0.000285	0.000942	0.136	0.0000104	1.37	2.49	0.044	0.000267	4.74	0.00129	0.0106	0.000355	0.00017	0.0000728	0.0994	0.00000209	0.0000684	0.000653	0.00176	
2081 Feb	0.000285	0.000942	0.136	0.0000104	1.37	2.49	0.044	0.000267	4.74	0.00129	0.0106	0.000355	0.00017	0.0000728	0.0994	0.00000209	0.0000684	0.000653	0.00176	
2081 Mar	0.000285	0.000942	0.136	0.0000104	1.38	2.49	0.044	0.000267	4.74	0.00129	0.0107	0.000355	0.00017	0.0000728	0.0994	0.00000209	0.0000684	0.000653	0.00176	
2081 Apr	0.000286	0.000946	0.136	0.0000105	1.38	2.5	0.0442	0.000268	4.76	0.0013	0.0107	0.000356	0.000171	0.0000731	0.0998	0.0000021	0.0000687	0.000656	0.00177	
2081 May	0.000309	0.000969	0.143	0.0000105	1.43	2.63	0.0483	0.000265	4.95	0.00133	0.0108	0.000393	0.000175	0.0000768	0.105	0.0000021	0.0000694	0.000697	0.00178	
2081 Jun	0.000321	0.000954	0.144	0.0000101	1.43	2.68	0.0508	0.000249	4.94	0.00132	0.0105	0.000418	0.000175	0.0000778	0.106	0.00000203	0.0000674	0.000717	0.00174	
2081 Jul	0.000338	0.00101	0.152	0.0000108	1.51	2.82	0.0535	0.000263	5.22	0.0014	0.0111	0.00044	0.000185	0.0000821	0.112	0.00000215	0.0000713	0.000757	0.00184	
2081 Aug	0.000356	0.00106	0.16	0.0000114	1.59	2.98	0.0564	0.000279	5.51	0.00148	0.0117	0.000463	0.000195	0.0000867	0.118	0.00000227	0.0000753	0.000796	0.00194	
2081 Sep	0.000351	0.00106	0.159	0.0000114	1.58	2.95	0.0554	0.000285	5.49	0.00147	0.0117	0.000453	0.000191	0.000086	0.118	0.00000227	0.0000754	0.000782	0.00193	
2081 Oct	0.000348	0.00106	0.158	0.0000113	1.58	2.94	0.0547	0.000289	5.47	0.00146	0.0117	0.000447	0.000189	0.0000853	0.117	0.00000227	0.0000755	0.000774	0.00192	
2081 Nov	0.000342	0.00105	0.156	0.0000112	1.56	2.89	0.0537	0.00029	5.41	0.00144	0.0116	0.000438	0.000185	0.0000839	0.115	0.00000224	0.000075	0.000759	0.00189	
2081 Dec	0.000342	0.00105	0.155	0.0000112	1.56	2.89	0.0536	0.000291	5.41	0.00144	0.0116	0.000437	0.000185	0.0000839	0.115	0.00000224	0.000075	0.000758	0.00189	
2082 Jan	0.000342	0.00105	0.155	0.0000112	1.56	2.89	0.0536	0.000291	5.41	0.00144	0.0116	0.000437	0.000185	0.0000839	0.115	0.00000224	0.000075	0.000759	0.00189	
2082 Feb	0.000342	0.00105	0.155	0.0000112	1.56	2.89	0.0536	0.000291	5.41	0.00144	0.0116	0.000437	0.000185	0.0000839	0.115	0.00000224	0.000075	0.000759	0.00189	
2082 Mar	0.000342	0.00105	0.156	0.0000112	1.56	2.9	0.0536	0.000291	5.41	0.00144	0.0116	0.000437	0.000185	0.0000839	0.115	0.00000224	0.0000751	0.000759	0.00189	
2082 Apr	0.000343	0.00105	0.156	0.0000113	1.56	2.9	0.0538	0.000292	5.43	0.00145	0.0116	0.000439	0.000185	0.0000842	0.116	0.00000225	0.0000753	0.000762	0.0019	
2082 May	0.000349	0.00107	0.158	0.0000114	1.59	2.95	0.0546	0.000296	5.51	0.00147	0.0118	0.000446	0.000188	0.0000855	0.117	0.00000229	0.0000765	0.000773	0.00193	
2082 Jun	0.000299	0.000956	0.141	0.0000107	1.42	2.57	0.0468	0.000256	4.85	0.00134	0.0109	0.000379	0.000185	0.0000758	0.103	0.00000214	0.0000692	0.0007	0.00186	
2082 Jul	0.000277	0.000914	0.134	0.0000105	1.35	2.41	0.0432	0.000239	4.58	0.00129	0.0106	0.000349	0.000185	0.0000718	0.0964	0.0000021	0.0000666	0.000669	0.00185	
2082 Aug	0.000285	0.000949	0.138	0.0000109	1.4	2.49	0.0445	0.00025	4.75	0.00134	0.011	0.000358	0.000191	0.0000743	0.0998	0.00000218	0.0000691	0.000688	0.00191	
2082 Sep	0.000286	0.000959	0.139	0.000011	1.41	2.51	0.0445	0.000257	4.8	0.00135	0.0111	0.000358	0.00019	0.0000748	0.101	0.00000221	0.0000701	0.000688	0.00192	
2082 Oct	0.000273	0.000933	0.134	0.0000107	1.36	2.42	0.0421	0.000261	4.64	0.0013	0.0108	0.000336	0.000179	0.0000716	0.0969	0.00000214	0.0000686	0.000652	0.00184	
2082 Nov	0.000273	0.000935	0.134	0.0000107	1.36	2.42	0.0421	0.000262	4.65	0.0013	0.0108	0.000337	0.00018	0.0000717	0.0971	0.00000214	0.0000688	0.000653	0.00184	
2082 Dec	0.000274	0.000936	0.134	0.0000107	1.36	2.42	0.0422	0.000262	4.66	0.0013	0.0108	0.000337	0.00018	0.0000717	0.0971	0.00000214	0.0000688	0.000654	0.00185	
2083 Jan	0.000274	0.000936	0.134	0.0000107	1.36	2.42	0.0422	0.000262	4.66	0.0013	0.0108	0.000337	0.00018	0.0000717	0.0971	0.00000214	0.0000689	0.000654	0.00185	
2083 Feb	0.000274	0.000936	0.134	0.0000107	1.37	2.42	0.0422	0.000262	4.66	0.0013	0.0108	0.000337	0.00018	0.0000718	0.0972	0.00000214	0.0000689	0.000654	0.00185	
2083 Mar	0.000274	0.000937	0.134	0.0000107	1.37	2.43	0.0422	0.000262	4.66	0.0013	0.0108	0.000337	0.00018	0.0000718	0.0972	0.00000214	0.0000689	0.000654	0.00185	
2083 Apr	0.000275	0.000941	0.135	0.0000108	1.37	2.44	0.0424	0.000263	4.68	0.00131	0.0109	0.000339	0.000181	0.0000721	0.0977	0.00000215	0.0000692	0.000657	0.00186	
2083 May	0.000295	0.000964	0.141	0.0000108	1.42	2.56	0.0459	0.000263	4.86	0.00134	0.011	0.00037	0.000185	0.0000754	0.102	0.00000217	0.0000702	0.000693	0.00187	
2083 Jun	0.000312	0.000932	0.141	0.0000101	1.4	2.6	0.0495	0.000237	4.81	0.00131	0.0104	0.000406	0.000181	0.0000763	0.104	0.00000203	0.0000663	0.000716	0.00177	
2083 Jul	0.000315	0.000952	0.144	0.0000104	1.43	2.64	0.0499	0.000241	4.9	0.00134	0.0107	0.000409	0.000186	0.0000776	0.105	0.00000208	0.0000677	0.000726	0.00182	
2083 Aug	0.000314	0.000968	0.145	0.0000106	1.44	2.65	0.0496	0.000246	4.95	0.00135	0.0108	0.000407	0.000185	0.0000781	0.106	0.00000212	0.0000686	0.000719	0.00184	
2083 Sep	0.000307	0.000962	0.142	0.0000105	1.42	2.61	0.0481	0.000253	4.9	0.00133	0.0108	0.000393	0.000179	0.0000765	0.104	0.00000211	0.0000685	0.000698	0.0018	
2083 Oct	0.000291	0.000937	0.136	0.0000102	1.37	2.51	0.0451	0.000261	4.74	0.00128	0.0105	0.000366	0.000167	0.0000729	0.1	0.00000205	0.0000675	0.000658	0.00172	
2083 Nov	0.000286	0.000931	0.135	0.0000102	1.36	2.48	0.0443	0.000263	4.7	0.00127	0.0104	0.000359	0.000164	0.000072	0.0989	0.00000203	0.0000673	0.000647	0.0017	
2083 Dec	0.000287	0.000932	0.135	0.0000102	1.36	2.48	0.0444	0.000263	4.7	0.00127	0.0104	0.000359	0.000164	0.000072	0.099	0.00000203	0.0000673	0.000647	0.00171	
2084 Jan	0.000287	0.000932	0.135	0.0000102	1.36	2.48	0.0444	0.000263	4.7	0.00127	0.0104	0.000359	0.000164	0.000072	0.099	0.00000203	0.0000673	0.000648	0.00171	
2084 Feb	0.000287	0.000932	0.135	0.0000102	1.36	2.48	0.0444	0.000264	4.7	0.00127	0.0104	0.000359	0.000164	0.000072	0.099	0.00000203	0.0000673	0.000648	0.00171	
2084 Mar	0.000287	0.000933	0.135	0.0000102	1.36	2.48	0.0444	0.000264	4.71	0.00127	0.0105	0.000359	0.000164	0.0000721	0.0991	0.00000203	0.0000674	0.000648	0.00171	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Apr	0.000289	0.000939	0.136	0.0000102	1.37	2.5	0.0447	0.000265	4.74	0.00128	0.0105	0.000362	0.000165	0.0000725	0.0997	0.00000205	0.0000678	0.000652	0.00172	
2084 May	0.000313	0.000965	0.143	0.0000103	1.42	2.65	0.049	0.000263	4.95	0.00132	0.0107	0.000401	0.000171	0.0000766	0.105	0.00000206	0.0000688	0.000697	0.00174	
2084 Jun	0.000321	0.000928	0.141	0.00000968	1.39	2.65	0.0511	0.000238	4.85	0.00128	0.0101	0.000422	0.000168	0.0000764	0.105	0.00000194	0.000065	0.000708	0.00166	
2084 Jul	0.000329	0.000958	0.146	0.00001	1.44	2.72	0.0522	0.000245	4.99	0.00132	0.0104	0.000432	0.000174	0.0000786	0.108	0.00000201	0.0000671	0.000728	0.00172	
2084 Aug	0.000337	0.000989	0.15	0.0000104	1.48	2.79	0.0535	0.000255	5.14	0.00137	0.0108	0.000442	0.000178	0.0000809	0.111	0.00000208	0.0000693	0.000744	0.00177	
2084 Sep	0.000331	0.000984	0.148	0.0000104	1.47	2.76	0.0524	0.00026	5.11	0.00135	0.0107	0.000431	0.000174	0.00008	0.11	0.00000207	0.0000692	0.000729	0.00175	
2084 Oct	0.00032	0.000968	0.144	0.0000102	1.43	2.69	0.0502	0.000266	5	0.00132	0.0106	0.000412	0.000167	0.0000775	0.107	0.00000204	0.0000686	0.000701	0.0017	
2084 Nov	0.000316	0.000963	0.143	0.0000101	1.42	2.66	0.0495	0.000268	4.96	0.00131	0.0105	0.000405	0.000164	0.0000766	0.106	0.00000202	0.0000685	0.000691	0.00169	
2084 Dec	0.000316	0.000963	0.143	0.0000101	1.42	2.66	0.0495	0.000268	4.97	0.00131	0.0105	0.000405	0.000164	0.0000767	0.106	0.00000203	0.0000685	0.000691	0.00169	
2085 Jan	0.000316	0.000963	0.143	0.0000101	1.42	2.66	0.0495	0.000268	4.97	0.00131	0.0105	0.000405	0.000164	0.0000767	0.106	0.00000203	0.0000685	0.000691	0.00169	
2085 Feb	0.000316	0.000963	0.143	0.0000101	1.42	2.66	0.0495	0.000268	4.97	0.00131	0.0105	0.000405	0.000164	0.0000767	0.106	0.00000203	0.0000685	0.000692	0.00169	
2085 Mar	0.000316	0.000964	0.143	0.0000101	1.42	2.67	0.0495	0.000268	4.97	0.00131	0.0105	0.000405	0.000164	0.0000767	0.106	0.00000203	0.0000685	0.000692	0.00169	
2085 Apr	0.000317	0.000967	0.143	0.0000102	1.43	2.67	0.0497	0.000269	4.99	0.00132	0.0106	0.000407	0.000165	0.000077	0.106	0.00000203	0.0000688	0.000694	0.0017	
2085 May	0.000336	0.000986	0.148	0.0000102	1.47	2.79	0.053	0.000267	5.14	0.00135	0.0107	0.000436	0.000169	0.00008	0.111	0.00000204	0.0000694	0.000728	0.00171	
2085 Jun	0.000349	0.000984	0.151	0.00001	1.48	2.85	0.0557	0.000256	5.19	0.00135	0.0106	0.000462	0.000172	0.0000818	0.113	0.00000201	0.0000685	0.000754	0.0017	
2085 Jul	0.000363	0.00103	0.157	0.0000105	1.55	2.97	0.0578	0.000267	5.41	0.00141	0.011	0.000479	0.000179	0.0000852	0.118	0.0000021	0.0000715	0.000783	0.00178	
2085 Aug	0.000357	0.00103	0.156	0.0000105	1.54	2.93	0.0566	0.000271	5.38	0.00141	0.011	0.000468	0.000176	0.0000845	0.116	0.00000211	0.0000714	0.000765	0.00176	
2085 Sep	0.000342	0.00101	0.151	0.0000104	1.5	2.84	0.0539	0.000277	5.25	0.00137	0.0108	0.000443	0.000167	0.0000817	0.113	0.00000207	0.0000705	0.000729	0.00171	
2085 Oct	0.00033	0.000988	0.147	0.0000102	1.46	2.76	0.0518	0.00028	5.14	0.00134	0.0107	0.000424	0.00016	0.0000792	0.11	0.00000204	0.0000697	0.000703	0.00167	
2085 Nov	0.000325	0.00098	0.145	0.0000101	1.45	2.73	0.0507	0.000282	5.08	0.00132	0.0106	0.000415	0.000157	0.000078	0.108	0.00000202	0.0000694	0.000689	0.00164	
2085 Dec	0.000325	0.00098	0.145	0.0000101	1.45	2.73	0.0507	0.000282	5.08	0.00132	0.0106	0.000415	0.000157	0.000078	0.109	0.00000202	0.0000694	0.00069	0.00164	
2086 Jan	0.000325	0.00098	0.145	0.0000101	1.45	2.73	0.0507	0.000282	5.08	0.00132	0.0106	0.000415	0.000157	0.000078	0.109	0.00000202	0.0000694	0.00069	0.00165	
2086 Feb	0.000325	0.00098	0.145	0.0000101	1.45	2.73	0.0507	0.000282	5.08	0.00132	0.0106	0.000415	0.000157	0.000078	0.109	0.00000202	0.0000694	0.00069	0.00165	
2086 Mar	0.000325	0.00098	0.145	0.0000101	1.45	2.73	0.0508	0.000282	5.09	0.00132	0.0106	0.000415	0.000157	0.0000781	0.109	0.00000202	0.0000694	0.00069	0.00165	
2086 Apr	0.000326	0.000985	0.145	0.0000101	1.45	2.74	0.051	0.000284	5.11	0.00133	0.0106	0.000417	0.000158	0.0000784	0.109	0.00000203	0.0000698	0.000693	0.00165	
2086 May	0.000336	0.001	0.149	0.0000103	1.49	2.81	0.0527	0.000287	5.22	0.00135	0.0108	0.000432	0.000161	0.0000804	0.112	0.00000206	0.0000709	0.000713	0.00168	
2086 Jun	0.000333	0.000952	0.145	0.00000975	1.43	2.73	0.0528	0.000254	5.01	0.00131	0.0102	0.000437	0.000163	0.0000785	0.108	0.00000195	0.0000666	0.000716	0.00164	
2086 Jul	0.000337	0.000977	0.148	0.0000101	1.46	2.78	0.0534	0.000259	5.11	0.00134	0.0106	0.000441	0.000171	0.0000802	0.11	0.00000203	0.0000684	0.000732	0.00171	
2086 Aug	0.000341	0.001	0.151	0.0000104	1.5	2.83	0.0539	0.000268	5.22	0.00137	0.0108	0.000445	0.000172	0.0000818	0.112	0.00000208	0.0000701	0.000738	0.00174	
2086 Sep	0.000332	0.000992	0.148	0.0000104	1.48	2.78	0.0523	0.000274	5.16	0.00136	0.0107	0.000429	0.000167	0.0000804	0.111	0.00000207	0.0000698	0.000715	0.00172	
2086 Oct	0.000329	0.000991	0.147	0.0000103	1.47	2.76	0.0517	0.000278	5.15	0.00135	0.0107	0.000423	0.000165	0.0000798	0.11	0.00000207	0.00007	0.000707	0.00171	
2086 Nov	0.00033	0.000994	0.147	0.0000104	1.48	2.77	0.0518	0.000279	5.16	0.00135	0.0108	0.000424	0.000165	0.00008	0.11	0.00000208	0.0000702	0.000709	0.00171	
2086 Dec	0.00033	0.000994	0.147	0.0000104	1.48	2.77	0.0518	0.000279	5.16	0.00135	0.0108	0.000424	0.000165	0.00008	0.11	0.00000208	0.0000702	0.00071	0.00171	
2087 Jan	0.00033	0.000995	0.147	0.0000104	1.48	2.77	0.0518	0.000279	5.16	0.00135	0.0108	0.000424	0.000165	0.00008	0.11	0.00000208	0.0000702	0.00071	0.00171	
2087 Feb	0.00033	0.000995	0.148	0.0000104	1.48	2.77	0.0518	0.000279	5.17	0.00135	0.0108	0.000425	0.000165	0.0000801	0.11	0.00000208	0.0000703	0.00071	0.00171	
2087 Mar	0.000331	0.000996	0.148	0.0000104	1.48	2.78	0.0519	0.000279	5.17	0.00136	0.0108	0.000425	0.000166	0.0000801	0.11	0.00000208	0.0000703	0.000711	0.00171	
2087 Apr	0.000332	0.000998	0.148	0.0000104	1.48	2.78	0.052	0.00028	5.18	0.00136	0.0108	0.000426	0.000166	0.0000803	0.111	0.00000208	0.0000705	0.000712	0.00172	
2087 May	0.000341	0.00101	0.151	0.0000104	1.5	2.84	0.0537	0.000279	5.26	0.00137	0.0109	0.000441	0.000168	0.0000819	0.113	0.00000209	0.0000708	0.00073	0.00173	
2087 Jun	0.000353	0.000993	0.152	0.0000101	1.5	2.88	0.0563	0.00026	5.26	0.00137	0.0106	0.000467	0.00017	0.000083	0.114	0.00000202	0.0000689	0.000755	0.0017	
2087 Jul	0.000359	0.00102	0.156	0.0000104	1.54	2.94	0.0572	0.000267	5.38	0.0014	0.0109	0.000474	0.000175	0.0000849	0.117	0.00000209	0.0000707	0.000768	0.00175	
2087 Aug	0.000371	0.00106	0.161	0.0000109	1.59	3.04	0.059	0.000278	5.58	0.00146	0.0113	0.000489	0.000181	0.0000879	0.121	0.00000217	0.0000734	0.000792	0.00182	
2087 Sep	0.000375	0.00108	0.163	0.0000111	1.62	3.08	0.0594	0.000287	5.67	0.00148	0.0115	0.000492	0.000182	0.000089	0.122	0.00000221	0.0000749	0.000799	0.00184	
2087 Oct	0.000369	0.00107	0.162	0.000011	1.6	3.05	0.0583	0.00029	5.61	0.00146	0.0115	0.000482	0.000178	0.0000877	0.121	0.0000022	0.0000747	0.000785	0.00182	
2087 Nov	0.000366	0.00107	0.161	0.000011	1.59	3.03	0.0579	0.000291	5.59	0.00145	0.0115	0.000477	0.000177	0.0000872	0.12	0.00000219	0.0000746	0.000779	0.00181	
2087 Dec	0.000367	0.00107	0.161	0.000011	1.59	3.03	0.0579	0.000291	5.6	0.00146	0.0115	0.000478	0.000177	0.0000872	0.12	0.00000219	0.0000746	0.000779	0.00181	
2088 Jan	0.000367	0.00107	0.161	0.000011	1.6	3.03	0.0579	0.000291	5.6	0.00146	0.0115	0.000478	0.000177	0.0000872	0.12	0.00000219	0.0000746	0.000779	0.00181	
2088 Feb	0.000367	0.00107	0.161	0.000011	1.6	3.03	0.0579	0.000291	5.6	0.00146	0.0115	0.000478	0.000177	0.0000872	0.12	0.00000219	0.0000746	0.000779	0.00181	
2088 Mar	0.000367	0.00107	0.161	0.000011	1.6	3.04	0.058	0.000292	5.6	0.00146	0.0115	0.000478	0.000177	0.0000873	0.121	0.00000219	0.0000747	0.00078	0.00181	
2088 Apr	0.00037	0.00108	0.162	0.0000111	1.61	3.07	0.0585	0.000294	5.65	0.00147	0.0116	0.000483	0.000179	0.0000881	0.122	0.00000221	0.0000754	0.000788	0.00183	
2088 May	0.000379	0.0011	0.166	0.0000113	1.65	3.13	0.0599	0.0003	5.78	0.0015	0.0118	0.000493	0.000183	0.00009	0.124	0.00000226	0.000077	0.000805	0.00187	
2088 Jun	0.000349	0.00104	0.156	0.0000109	1.55	2.91	0.0552	0.000274	5.38	0.00143	0.0113	0.000453	0.000184	0.0000844	0.116	0.00000219	0.0000729	0.000768	0.00185	
2088 Jul	0.000354	0.00106	0.16	0.0000114	1.59	2.96	0.056	0.000279	5.5	0.00147	0.0117	0.000459	0.000193	0.0000864	0.118	0.00000227	0.0000751	0.000789	0.00194	
2088 Aug	0.000375	0.00113	0.169	0.0000121	1.68	3.14	0.0592	0.000298	5.84	0.00156	0.0124	0.000485	0.000204	0.0000916	0.125	0.00000241	0.0000797	0.000834	0.00205	
2088 Sep	0.000378	0.00114	0.171	0.0000122	1.71	3.18	0.0596	0.000305	5.91	0.00158	0.0126	0.000488	0.000206	0.0000926	0.126	0.00000245	0.0000809	0.000839	0.00207	
2088 Oct	0.000357	0.0011	0.163	0.0000118	1.63	3.03	0.0559	0.000307	5.67	0.00151	0.0122	0.000456	0.000192	0.0000878	0.121	0.00000236	0.0000788	0.00079	0.00198	
2088 Nov	0.000353	0.0011	0.161	0.0000117	1.62	3	0.0552	0.000308	5.63	0.0015	0.0121	0.000449	0.00019	0.0000869	0.12	0.00000234	0.0000785	0.00078	0.00196	
2088 Dec	0.000354	0.0011	0.162	0.0000117	1.62	3.01	0.0552	0.000308	5.64	0.0015	0.0121	0.000449	0.00019	0.0000869	0.12	0.00000235	0.0000786	0.00078	0.00196	
2089 Jan	0.000354	0.0011	0.162	0.0000117	1.62	3.01	0.0552	0.000308	5.64	0.0015	0.0121	0.000449	0.00019	0.0000869	0.12	0.00000235	0.0000786	0.00078	0.00196	
2089 Feb	0.000354	0.0011	0.162	0.0000117	1.62	3.01	0.0552	0.000308	5.64	0.0015	0.0121	0.000449	0.00019	0.000087	0.12	0.00000235	0.0000786	0.000781	0.00196	
2089 Mar	0.000354	0.0011	0.162	0.0000117	1.62	3.01	0.0553	0.000309	5.65	0.0015	0.0121	0.00045	0.00019	0.0000871	0.12	0.00000235	0.0000787	0.000782	0.00196	
2089 Apr	0.000356	0.00111	0.163	0.0000118	1.63	3.03	0.0556	0.000311	5.68	0.00151	0.0122	0.000452	0.000191	0.0000876	0.121	0.00000236	0.0000792	0.000786	0.00197	
2089 May	0.00037	0.00112	0.167	0.0000118	1.66	3.11	0.0581	0.000308	5.79	0.00153	0.0123	0.000475	0.000194	0.0000898	0.124	0.00000237	0.0000796	0.000811	0.00198	
2089 Jun	0.000386	0.00111	0.169	0.0000115	1.67	3.18	0.0613	0.000292	5.82	0.00153	0.012	0.000505	0.000195	0.0000915	0.126	0.0000023	0.0000777	0.000839	0.00195	
2089 Jul	0.000395	0.00115	0.174	0.0000119	1.72	3.26	0.0626	0.0003	5.99	0.00158	0.0124	0.000516	0.000201	0.0000094	0.129	0.00000238	0.0000801	0.000858	0.00201	
2089 Aug	0.000404	0.00119	0.179	0.0000123	1.77	3.35	0.064	0.000311	6.17	0.00163	0.0128	0.000528	0.000206	0.0000967	0.133	0.00000247	0.0000827	0.000878	0.00207	
2089 Sep	0.000402	0.00119	0.179	0.0000124	1.77	3.34	0.0635	0.000317	6.18	0.00163	0.0129	0.000523	0.000204	0.0000964	0.133	0.00000248	0.0000833	0.000871	0.00207	
2089 Oct	0.000376	0.00114	0.169	0.0000118	1.68	3.16	0.0588	0.000319	5.88	0.00154	0.0124	0.000482	0.000189	0.0000906	0.126	0.00000237	0.0000806	0.00081	0.00195	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Nov	0.000374	0.00114	0.168	0.0000118	1.67	3.15	0.0584	0.00032	5.86	0.00154	0.0123	0.000478	0.000187	0.0000901	0.125	0.00000236	0.0000805	0.000805	0.00195	
2089 Dec	0.000374	0.00114	0.168	0.0000118	1.67	3.15	0.0585	0.00032	5.87	0.00154	0.0124	0.000478	0.000188	0.0000901	0.125	0.00000236	0.0000806	0.000805	0.00195	
2090 Jan	0.000374	0.00114	0.168	0.0000118	1.68	3.15	0.0585	0.00032	5.87	0.00154	0.0124	0.000479	0.000188	0.0000902	0.125	0.00000237	0.0000806	0.000806	0.00195	
2090 Feb	0.000374	0.00114	0.168	0.0000118	1.68	3.15	0.0585	0.00032	5.87	0.00154	0.0124	0.000479	0.000188	0.0000902	0.125	0.00000237	0.0000806	0.000806	0.00195	
2090 Mar	0.000375	0.00114	0.168	0.0000118	1.68	3.15	0.0585	0.000321	5.88	0.00154	0.0124	0.000479	0.000188	0.0000903	0.125	0.00000237	0.0000807	0.000807	0.00195	
2090 Apr	0.000376	0.00114	0.169	0.0000119	1.68	3.16	0.0588	0.000322	5.9	0.00154	0.0124	0.000481	0.000188	0.0000906	0.126	0.00000238	0.000081	0.000809	0.00196	
2090 May	0.000382	0.00116	0.171	0.000012	1.71	3.21	0.0598	0.000325	5.98	0.00156	0.0126	0.00049	0.000191	0.0000919	0.128	0.0000024	0.0000819	0.000822	0.00198	
2090 Jun	0.000374	0.00108	0.164	0.0000111	1.61	3.08	0.0594	0.000284	5.65	0.00148	0.0116	0.000491	0.000187	0.0000884	0.122	0.00000222	0.0000754	0.00081	0.00187	
2090 Jul	0.000379	0.0011	0.167	0.0000114	1.65	3.13	0.0601	0.000289	5.75	0.00152	0.012	0.000496	0.000194	0.0000902	0.124	0.00000229	0.0000772	0.000827	0.00193	
2090 Aug	0.000363	0.00108	0.162	0.0000113	1.61	3.03	0.0572	0.000293	5.62	0.00148	0.0117	0.00047	0.000184	0.0000877	0.12	0.00000226	0.0000758	0.000784	0.00188	
2090 Sep	0.000345	0.00105	0.155	0.000011	1.55	2.91	0.0539	0.000297	5.43	0.00143	0.0114	0.00044	0.000173	0.0000838	0.116	0.0000022	0.0000743	0.00074	0.00181	
2090 Oct	0.00032	0.00101	0.146	0.0000106	1.48	2.74	0.0495	0.000303	5.18	0.00135	0.011	0.000401	0.000158	0.0000785	0.109	0.00000211	0.0000725	0.000683	0.0017	
2090 Nov	0.000314	0.000999	0.144	0.0000104	1.45	2.7	0.0484	0.000304	5.11	0.00133	0.0109	0.000392	0.000155	0.0000771	0.108	0.00000209	0.0000719	0.000669	0.00168	
2090 Dec	0.000315	0.001	0.144	0.0000104	1.45	2.7	0.0485	0.000304	5.12	0.00133	0.0109	0.000392	0.000155	0.0000771	0.108	0.00000209	0.0000719	0.00067	0.00168	
2091 Jan	0.000315	0.001	0.144	0.0000104	1.46	2.7	0.0485	0.000304	5.12	0.00133	0.0109	0.000392	0.000155	0.0000771	0.108	0.00000209	0.0000719	0.00067	0.00168	
2091 Feb	0.000315	0.001	0.144	0.0000104	1.46	2.7	0.0485	0.000304	5.12	0.00133	0.0109	0.000392	0.000155	0.0000771	0.108	0.00000209	0.0000719	0.00067	0.00168	
2091 Mar	0.000315	0.001	0.144	0.0000105	1.46	2.71	0.0485	0.000304	5.13	0.00134	0.0109	0.000393	0.000155	0.0000773	0.108	0.00000209	0.000072	0.000671	0.00168	
2091 Apr	0.000317	0.00101	0.145	0.0000105	1.47	2.73	0.0489	0.000306	5.16	0.00134	0.011	0.000395	0.000156	0.0000778	0.109	0.00000211	0.0000725	0.000675	0.00169	
2091 May	0.00033	0.00103	0.149	0.0000107	1.5	2.81	0.051	0.000308	5.29	0.00138	0.0112	0.000414	0.00016	0.0000801	0.112	0.00000213	0.0000737	0.0007	0.00172	
2091 Jun	0.000347	0.00101	0.151	0.0000102	1.5	2.87	0.0547	0.00028	5.28	0.00136	0.0108	0.00045	0.000164	0.0000818	0.114	0.00000204	0.0000706	0.000736	0.00168	
2091 Jul	0.000362	0.00106	0.159	0.0000108	1.57	3	0.0571	0.000293	5.53	0.00143	0.0113	0.00047	0.000174	0.0000857	0.119	0.00000215	0.0000742	0.000771	0.00178	
2091 Aug	0.000356	0.00106	0.157	0.0000108	1.57	2.97	0.056	0.000298	5.51	0.00143	0.0113	0.000459	0.00017	0.0000852	0.118	0.00000217	0.0000742	0.000754	0.00177	
2091 Sep	0.000347	0.00105	0.154	0.0000108	1.55	2.92	0.0543	0.000304	5.45	0.00141	0.0112	0.000443	0.000165	0.0000839	0.116	0.00000216	0.0000738	0.00073	0.00174	
2091 Oct	0.000334	0.00102	0.149	0.0000105	1.51	2.83	0.052	0.000305	5.31	0.00137	0.011	0.000423	0.000158	0.000081	0.113	0.00000211	0.0000727	0.000701	0.00169	
2091 Nov	0.000324	0.00101	0.146	0.0000104	1.47	2.76	0.0501	0.000307	5.2	0.00134	0.0108	0.000407	0.000152	0.0000787	0.11	0.00000207	0.0000719	0.000678	0.00165	
2091 Dec	0.000324	0.00101	0.146	0.0000104	1.47	2.76	0.0501	0.000307	5.2	0.00134	0.0109	0.000406	0.000152	0.0000787	0.11	0.00000207	0.0000719	0.000678	0.00165	
2092 Jan	0.000324	0.00101	0.146	0.0000104	1.47	2.76	0.0501	0.000307	5.2	0.00134	0.0109	0.000406	0.000152	0.0000787	0.11	0.00000207	0.0000719	0.000678	0.00165	
2092 Feb	0.000324	0.00101	0.146	0.0000104	1.47	2.76	0.0501	0.000307	5.2	0.00134	0.0109	0.000407	0.000152	0.0000787	0.11	0.00000207	0.0000719	0.000678	0.00165	
2092 Mar	0.000325	0.00101	0.146	0.0000104	1.48	2.77	0.0502	0.000308	5.21	0.00134	0.0109	0.000407	0.000152	0.0000789	0.11	0.00000208	0.0000721	0.000679	0.00166	
2092 Apr	0.000327	0.00101	0.147	0.0000104	1.49	2.78	0.0505	0.00031	5.24	0.00135	0.0109	0.00041	0.000153	0.0000793	0.111	0.00000209	0.0000725	0.000683	0.00166	
2092 May	0.00034	0.00103	0.151	0.0000106	1.52	2.87	0.0528	0.00031	5.37	0.00138	0.0111	0.00043	0.000157	0.0000817	0.114	0.00000211	0.0000734	0.000709	0.00169	
2092 Jun	0.000339	0.000956	0.145	0.00000962	1.44	2.77	0.0537	0.000262	5.07	0.0013	0.0102	0.000444	0.000157	0.0000792	0.11	0.00000192	0.0000666	0.000714	0.00159	
2092 Jul	0.000333	0.000954	0.145	0.00000974	1.43	2.74	0.0528	0.000259	5.03	0.0013	0.0102	0.000435	0.00016	0.0000786	0.109	0.00000195	0.0000667	0.00071	0.00162	
2092 Aug	0.000345	0.000995	0.15	0.0000102	1.49	2.85	0.0547	0.000272	5.24	0.00136	0.0107	0.00045	0.000166	0.0000818	0.113	0.00000203	0.0000696	0.000735	0.00169	
2092 Sep	0.000343	0.000997	0.15	0.0000102	1.49	2.84	0.0541	0.000278	5.24	0.00136	0.0107	0.000444	0.000164	0.0000816	0.113	0.00000204	0.0000699	0.000727	0.00169	
2092 Oct	0.000337	0.000991	0.148	0.0000102	1.48	2.81	0.0531	0.000281	5.19	0.00135	0.0106	0.000435	0.000161	0.0000805	0.112	0.00000203	0.0000698	0.000715	0.00167	
2092 Nov	0.000337	0.000991	0.148	0.0000102	1.48	2.8	0.0529	0.000282	5.19	0.00134	0.0106	0.000434	0.00016	0.0000804	0.111	0.00000203	0.0000699	0.000713	0.00166	
2092 Dec	0.000337	0.000991	0.148	0.0000102	1.48	2.8	0.053	0.000282	5.19	0.00135	0.0106	0.000434	0.00016	0.0000804	0.111	0.00000203	0.0000699	0.000713	0.00167	
2093 Jan	0.000337	0.000991	0.148	0.0000102	1.48	2.8	0.053	0.000282	5.19	0.00135	0.0106	0.000434	0.00016	0.0000804	0.112	0.00000203	0.0000699	0.000713	0.00167	
2093 Feb	0.000337	0.000992	0.148	0.0000102	1.48	2.8	0.053	0.000282	5.2	0.00135	0.0106	0.000434	0.000161	0.0000804	0.112	0.00000203	0.0000699	0.000714	0.00167	
2093 Mar	0.000338	0.000995	0.148	0.0000102	1.48	2.81	0.0531	0.000283	5.21	0.00135	0.0107	0.000435	0.000161	0.0000807	0.112	0.00000204	0.0000701	0.000716	0.00167	
2093 Apr	0.00034	0.001	0.149	0.0000103	1.49	2.83	0.0534	0.000285	5.24	0.00136	0.0107	0.000438	0.000162	0.0000812	0.113	0.00000205	0.0000706	0.00072	0.00168	
2093 May	0.000352	0.00102	0.153	0.0000104	1.53	2.91	0.0555	0.000287	5.37	0.00139	0.0109	0.000456	0.000166	0.0000834	0.116	0.00000208	0.0000716	0.000744	0.00171	
2093 Jun	0.000358	0.000988	0.152	0.00000992	1.5	2.9	0.0572	0.000261	5.27	0.00136	0.0105	0.000474	0.000167	0.0000832	0.115	0.00000198	0.0000684	0.000758	0.00166	
2093 Jul	0.000368	0.00102	0.157	0.0000104	1.55	2.99	0.0587	0.00027	5.44	0.00141	0.0109	0.000487	0.000174	0.000086	0.119	0.00000207	0.000071	0.000782	0.00173	
2093 Aug	0.000379	0.00106	0.162	0.0000107	1.6	3.08	0.0603	0.00028	5.62	0.00146	0.0113	0.0005	0.000179	0.0000887	0.122	0.00000215	0.0000734	0.000803	0.00179	
2093 Sep	0.000375	0.00106	0.162	0.0000108	1.6	3.07	0.0595	0.000287	5.62	0.00145	0.0113	0.000492	0.000176	0.0000881	0.122	0.00000215	0.0000738	0.000793	0.00178	
2093 Oct	0.000349	0.00102	0.152	0.0000103	1.52	2.9	0.055	0.00029	5.35	0.00138	0.0109	0.000452	0.000163	0.0000826	0.115	0.00000206	0.0000717	0.000736	0.00169	
2093 Nov	0.000341	0.00101	0.15	0.0000102	1.49	2.84	0.0534	0.000294	5.27	0.00136	0.0108	0.000437	0.000158	0.0000808	0.113	0.00000204	0.0000714	0.000716	0.00166	
2093 Dec	0.000341	0.00101	0.15	0.0000102	1.5	2.85	0.0534	0.000294	5.28	0.00136	0.0108	0.000438	0.000158	0.0000809	0.113	0.00000205	0.0000714	0.000717	0.00166	
2094 Jan	0.000341	0.00101	0.15	0.0000102	1.5	2.85	0.0535	0.000294	5.28	0.00136	0.0108	0.000438	0.000158	0.0000809	0.113	0.00000205	0.0000714	0.000717	0.00166	
2094 Feb	0.000341	0.00101	0.15	0.0000102	1.5	2.85	0.0535	0.000294	5.28	0.00136	0.0108	0.000438	0.000158	0.0000809	0.113	0.00000205	0.0000715	0.000717	0.00166	
2094 Mar	0.000342	0.00101	0.15	0.0000102	1.5	2.85	0.0535	0.000295	5.29	0.00136	0.0108	0.000438	0.000158	0.000081	0.113	0.00000205	0.0000716	0.000718	0.00166	
2094 Apr	0.000343	0.00102	0.151	0.0000103	1.5	2.86	0.0538	0.000296	5.31	0.00136	0.0109	0.00044	0.000159	0.0000814	0.114	0.00000206	0.0000718	0.000721	0.00167	
2094 May	0.000355	0.00102	0.154	0.0000103	1.53	2.93	0.0559	0.000292	5.39	0.00138	0.0109	0.00046	0.000161	0.0000832	0.116	0.00000205	0.0000719	0.000743	0.00167	
2094 Jun	0.000374	0.00103	0.158	0.0000102	1.56	3.03	0.0595	0.00028	5.5	0.0014	0.0109	0.000493	0.000167	0.0000861	0.12	0.00000204	0.0000715	0.000782	0.00168	
2094 Jul	0.000395	0.0011	0.168	0.0000109	1.65	3.21	0.0629	0.000297	5.83	0.00149	0.0116	0.000521	0.000178	0.0000912	0.127	0.00000217	0.000076	0.000828	0.00179	
2094 Aug	0.000419	0.00116	0.178	0.0000116	1.76	3.4	0.0666	0.000316	6.19	0.00158	0.0123	0.000552	0.000189	0.0000968	0.135	0.00000231	0.0000808	0.000876	0.00191	
2094 Sep	0.000413	0.00116	0.177	0.0000116	1.74	3.37	0.0654	0.000323	6.16	0.00157	0.0123	0.000541	0.000185	0.0000958	0.134	0.00000231	0.000081	0.000862	0.00189	
2094 Oct	0.000395	0.00113	0.17	0.0000113	1.69	3.25	0.0622	0.000325	5.97	0.00152	0.012	0.000512	0.000176	0.0000919	0.129	0.00000225	0.0000795	0.000822	0.00183	
2094 Nov	0.000377	0.0011	0.164	0.000011	1.63	3.13	0.059	0.000326	5.78	0.00147	0.0117	0.000484	0.000167	0.0000882	0.124	0.00000219	0.000078	0.000783	0.00176	
2094 Dec	0.000376	0.0011	0.163	0.0000109	1.63	3.12	0.0589	0.000326	5.77	0.00147	0.0117	0.000483	0.000166	0.0000879	0.124	0.00000219	0.0000779	0.000781	0.00176	
2095 Jan	0.000376	0.0011	0.163	0.000011	1.63	3.13	0.0589	0.000326	5.77	0.00147	0.0117	0.000483	0.000166	0.0000879	0.124	0.00000219	0.0000779	0.000781	0.00176	
2095 Feb	0.000376	0.0011	0.163	0.000011	1.63	3.13	0.0589	0.000326	5.77	0.00147	0.0117	0.000483	0.000166	0.000088	0.124	0.00000219	0.0000779	0.000781	0.00176	
2095 Mar	0.000377	0.0011	0.164	0.000011	1.63	3.13	0.0589	0.000327	5.78	0.00147	0.0117	0.000483	0.000167	0.000088	0.124	0.00000219	0.000078	0.000782	0.00176	
2095 Apr	0.000379	0.00111	0.164	0.000011	1.64	3.14	0.0592	0.000328	5.81	0.00148	0.0118	0.000486	0.000167	0.0000885	0.125	0.0000022	0.0000784	0.000786	0.00177	
2095 May	0.00039	0.00112	0.167	0.000011	1.66	3.21	0.0614	0.000324	5.89	0.00149	0.0118	0.000506	0.00017	0.0000903	0.127	0.0000022	0.0000784	0.000808	0.00177	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Jun	0.00041	0.00114	0.173	0.0000111	1.71	3.33	0.0649	0.000318	6.05	0.00153	0.0119	0.000538	0.000177	0.0000937	0.132	0.00000222	0.000079	0.000847	0.0018	
2095 Jul	0.000432	0.0012	0.183	0.0000118	1.81	3.52	0.0685	0.000337	6.4	0.00162	0.0126	0.000567	0.000187	0.0000991	0.139	0.00000236	0.0000838	0.000894	0.00192	
2095 Aug	0.000423	0.00119	0.181	0.0000117	1.78	3.46	0.0668	0.000337	6.33	0.0016	0.0125	0.000552	0.000183	0.0000977	0.137	0.00000235	0.0000831	0.00087	0.0019	
2095 Sep	0.000417	0.00119	0.179	0.0000118	1.78	3.43	0.0657	0.000343	6.3	0.0016	0.0125	0.000542	0.00018	0.0000971	0.136	0.00000235	0.0000831	0.000856	0.00189	
2095 Oct	0.000415	0.00119	0.178	0.0000118	1.77	3.42	0.0652	0.000345	6.29	0.00159	0.0125	0.000537	0.000179	0.0000966	0.136	0.00000235	0.0000832	0.00085	0.00188	
2095 Nov	0.000405	0.00117	0.175	0.0000116	1.74	3.35	0.0634	0.000346	6.18	0.00156	0.0124	0.000521	0.000174	0.0000945	0.133	0.00000232	0.0000824	0.000828	0.00184	
2095 Dec	0.000404	0.00117	0.174	0.0000116	1.74	3.34	0.0632	0.000347	6.17	0.00156	0.0124	0.00052	0.000173	0.0000943	0.133	0.00000232	0.0000823	0.000826	0.00184	
2096 Jan	0.000404	0.00117	0.174	0.0000116	1.74	3.34	0.0633	0.000347	6.17	0.00156	0.0124	0.00052	0.000173	0.0000943	0.133	0.00000232	0.0000823	0.000826	0.00184	
2096 Feb	0.000404	0.00117	0.174	0.0000116	1.74	3.34	0.0633	0.000347	6.18	0.00156	0.0124	0.00052	0.000173	0.0000943	0.133	0.00000232	0.0000824	0.000826	0.00184	
2096 Mar	0.000404	0.00117	0.175	0.0000116	1.74	3.35	0.0634	0.000347	6.18	0.00156	0.0124	0.000521	0.000173	0.0000944	0.133	0.00000232	0.0000824	0.000827	0.00184	
2096 Apr	0.000406	0.00118	0.175	0.0000117	1.75	3.36	0.0637	0.000349	6.21	0.00157	0.0124	0.000523	0.000174	0.0000949	0.133	0.00000233	0.0000828	0.000831	0.00185	
2096 May	0.000416	0.00119	0.178	0.0000117	1.77	3.42	0.0653	0.000349	6.3	0.00159	0.0125	0.000538	0.000177	0.0000966	0.136	0.00000235	0.0000835	0.000849	0.00187	
2096 Jun	0.000381	0.00107	0.163	0.0000107	1.61	3.11	0.0603	0.000294	5.67	0.00145	0.0113	0.000499	0.000173	0.0000884	0.123	0.00000214	0.0000746	0.000799	0.00176	
2096 Jul	0.000385	0.00109	0.166	0.000011	1.64	3.15	0.0609	0.000299	5.77	0.00149	0.0117	0.000503	0.000181	0.00009	0.125	0.00000221	0.0000764	0.000815	0.00183	
2096 Aug	0.000403	0.00115	0.174	0.0000116	1.72	3.31	0.0638	0.000316	6.06	0.00156	0.0123	0.000527	0.000189	0.0000945	0.131	0.00000232	0.0000804	0.000853	0.00192	
2096 Sep	0.000393	0.00114	0.171	0.0000115	1.7	3.25	0.062	0.000321	5.99	0.00154	0.0122	0.00051	0.000183	0.0000927	0.129	0.0000023	0.00008	0.000829	0.00189	
2096 Oct	0.00037	0.0011	0.163	0.0000111	1.63	3.09	0.0577	0.000325	5.74	0.00147	0.0118	0.000472	0.00017	0.0000876	0.123	0.00000223	0.0000782	0.000776	0.0018	
2096 Nov	0.000366	0.0011	0.162	0.0000111	1.62	3.07	0.0571	0.000328	5.72	0.00147	0.0118	0.000466	0.000168	0.0000869	0.122	0.00000222	0.0000782	0.000768	0.00179	
2096 Dec	0.000366	0.0011	0.162	0.0000111	1.62	3.07	0.0571	0.000328	5.72	0.00147	0.0118	0.000466	0.000168	0.0000869	0.122	0.00000222	0.0000782	0.000768	0.00179	
2097 Jan	0.000366	0.0011	0.162	0.0000111	1.62	3.07	0.0571	0.000328	5.72	0.00147	0.0118	0.000466	0.000168	0.0000869	0.122	0.00000222	0.0000782	0.000768	0.00179	
2097 Feb	0.000366	0.0011	0.162	0.0000111	1.62	3.07	0.0571	0.000328	5.72	0.00147	0.0118	0.000466	0.000168	0.0000869	0.122	0.00000222	0.0000782	0.000768	0.00179	
2097 Mar	0.000367	0.0011	0.162	0.0000111	1.62	3.08	0.0571	0.000328	5.72	0.00147	0.0118	0.000466	0.000169	0.000087	0.122	0.00000222	0.0000783	0.000769	0.00179	
2097 Apr	0.000369	0.00111	0.163	0.0000112	1.63	3.09	0.0575	0.00033	5.76	0.00148	0.0119	0.000469	0.00017	0.0000875	0.123	0.00000224	0.0000788	0.000774	0.0018	
2097 May	0.000381	0.00113	0.167	0.0000113	1.67	3.18	0.0595	0.000333	5.89	0.00151	0.0121	0.000487	0.000174	0.0000898	0.126	0.00000227	0.00008	0.000797	0.00183	
2097 Jun	0.000391	0.00111	0.168	0.0000111	1.66	3.21	0.0617	0.000314	5.87	0.0015	0.0118	0.000509	0.000177	0.0000908	0.127	0.00000222	0.0000781	0.00082	0.00182	
2097 Jul	0.00041	0.00117	0.177	0.0000117	1.75	3.37	0.0646	0.00033	6.18	0.00158	0.0125	0.000533	0.000187	0.0000955	0.134	0.00000235	0.0000823	0.000861	0.00192	
2097 Aug	0.000421	0.00121	0.182	0.0000121	1.8	3.47	0.0663	0.000342	6.37	0.00163	0.0129	0.000546	0.000192	0.0000984	0.137	0.00000243	0.0000849	0.000882	0.00198	
2097 Sep	0.000425	0.00123	0.184	0.0000123	1.83	3.51	0.0668	0.00035	6.46	0.00165	0.0131	0.00055	0.000194	0.0000996	0.139	0.00000247	0.0000863	0.000889	0.00201	
2097 Oct	0.000418	0.00122	0.182	0.0000122	1.81	3.46	0.0656	0.000352	6.39	0.00164	0.013	0.000539	0.00019	0.0000982	0.137	0.00000245	0.0000859	0.000874	0.00198	
2097 Nov	0.000414	0.00121	0.18	0.0000122	1.8	3.44	0.0649	0.000352	6.35	0.00162	0.0129	0.000532	0.000188	0.0000973	0.136	0.00000243	0.0000855	0.000865	0.00197	
2097 Dec	0.000414	0.00121	0.18	0.0000122	1.8	3.44	0.0648	0.000353	6.35	0.00162	0.0129	0.000532	0.000188	0.0000972	0.136	0.00000243	0.0000856	0.000864	0.00197	
2098 Jan	0.000414	0.00121	0.18	0.0000122	1.8	3.44	0.0648	0.000353	6.35	0.00162	0.0129	0.000532	0.000188	0.0000972	0.136	0.00000243	0.0000856	0.000865	0.00197	
2098 Feb	0.000414	0.00121	0.18	0.0000122	1.8	3.44	0.0649	0.000353	6.35	0.00162	0.0129	0.000532	0.000188	0.0000973	0.136	0.00000243	0.0000856	0.000865	0.00197	
2098 Mar	0.000414	0.00121	0.18	0.0000122	1.8	3.44	0.0649	0.000353	6.35	0.00162	0.0129	0.000533	0.000188	0.0000973	0.136	0.00000243	0.0000856	0.000865	0.00197	
2098 Apr	0.000417	0.00122	0.181	0.0000122	1.81	3.46	0.0653	0.000354	6.38	0.00163	0.013	0.000535	0.000189	0.0000977	0.137	0.00000244	0.000086	0.00087	0.00198	
2098 May	0.000434	0.00123	0.185	0.0000121	1.83	3.55	0.0686	0.000346	6.49	0.00165	0.0129	0.000562	0.000191	0.0000999	0.141	0.00000242	0.0000856	0.000902	0.00197	
2098 Jun	0.000418	0.00112	0.174	0.0000109	1.7	3.35	0.067	0.000295	6.02	0.00152	0.0117	0.000555	0.000183	0.0000944	0.132	0.00000217	0.0000768	0.000871	0.00181	
2098 Jul	0.000438	0.00118	0.183	0.0000115	1.79	3.51	0.0701	0.000309	6.32	0.00161	0.0123	0.00058	0.000194	0.0000992	0.139	0.0000023	0.0000809	0.000914	0.00191	
2098 Aug	0.000438	0.00119	0.184	0.0000117	1.81	3.53	0.07	0.000318	6.38	0.00162	0.0125	0.000578	0.000193	0.0000999	0.14	0.00000234	0.000082	0.000912	0.00193	
2098 Sep	0.000412	0.00115	0.175	0.0000113	1.73	3.35	0.0654	0.00032	6.11	0.00155	0.012	0.000537	0.00018	0.0000948	0.133	0.00000226	0.0000797	0.000853	0.00184	
2098 Oct	0.000386	0.0011	0.166	0.0000109	1.65	3.18	0.0607	0.000322	5.84	0.00148	0.0116	0.000496	0.000167	0.0000893	0.126	0.00000218	0.0000776	0.000796	0.00175	
2098 Nov	0.000379	0.00109	0.163	0.0000108	1.62	3.13	0.0594	0.000323	5.76	0.00146	0.0115	0.000485	0.000163	0.0000878	0.124	0.00000216	0.000077	0.00078	0.00173	
2098 Dec	0.000379	0.00109	0.163	0.0000108	1.62	3.13	0.0594	0.000324	5.77	0.00146	0.0115	0.000485	0.000164	0.0000878	0.124	0.00000216	0.0000771	0.00078	0.00173	
2099 Jan	0.000379	0.00109	0.163	0.0000108	1.62	3.13	0.0595	0.000324	5.77	0.00146	0.0115	0.000485	0.000164	0.0000878	0.124	0.00000216	0.0000771	0.00078	0.00173	
2099 Feb	0.000379	0.00109	0.163	0.0000108	1.63	3.13	0.0595	0.000324	5.77	0.00146	0.0116	0.000485	0.000164	0.0000879	0.124	0.00000216	0.0000771	0.000781	0.00173	
2099 Mar	0.00038	0.0011	0.163	0.0000108	1.63	3.14	0.0596	0.000324	5.78	0.00146	0.0116	0.000486	0.000164	0.000088	0.125	0.00000216	0.0000773	0.000782	0.00173	
2099 Apr	0.000385	0.00111	0.165	0.0000109	1.65	3.18	0.0604	0.000327	5.85	0.00148	0.0117	0.000491	0.000166	0.0000889	0.126	0.00000218	0.000078	0.000792	0.00175	
2099 May	0.000422	0.00112	0.174	0.0000106	1.7	3.37	0.0674	0.000309	6.06	0.0015	0.0115	0.000531	0.000169	0.0000914	0.133	0.00000212	0.0000768	0.000854	0.00171	
2099 Jun	0.00042	0.00109	0.171	0.0000103	1.67	3.33	0.0673	0.000293	5.94	0.00148	0.0112	0.000534	0.000169	0.0000906	0.131	0.00000206	0.0000745	0.000852	0.00168	
2099 Jul	0.000438	0.00115	0.18	0.0000109	1.75	3.48	0.0702	0.000308	6.23	0.00155	0.0118	0.000558	0.000178	0.000095	0.137	0.00000218	0.0000784	0.000892	0.00178	
2099 Aug	0.000455	0.0012	0.187	0.0000114	1.83	3.63	0.0728	0.000325	6.51	0.00162	0.0123	0.000577	0.000185	0.0000991	0.143	0.00000228	0.000082	0.000923	0.00186	
2099 Sep	0.000439	0.00118	0.181	0.0000112	1.78	3.52	0.07	0.000327	6.36	0.00158	0.0121	0.000553	0.000177	0.0000963	0.139	0.00000225	0.0000808	0.000888	0.00181	
2099 Oct	0.000421	0.00115	0.175	0.000011	1.73	3.4	0.0668	0.000329	6.18	0.00154	0.0119	0.000526	0.000169	0.0000928	0.135	0.0000022	0.0000795	0.00085	0.00176	
2099 Nov	0.000411	0.00113	0.172	0.0000108	1.7	3.33	0.0649	0.000329	6.06	0.00151	0.0117	0.000511	0.000165	0.0000906	0.132	0.00000216	0.0000785	0.000827	0.00172	
2099 Dec	0.000411	0.00113	0.172	0.0000108	1.7	3.33	0.065	0.000329	6.06	0.00151	0.0117	0.000511	0.000165	0.0000907	0.132	0.00000217	0.0000786	0.000828	0.00172	
2100 Jan	0.000411	0.00113	0.172	0.0000108	1.7	3.33	0.065	0.000329	6.06	0.00151	0.0117	0.000511	0.000165	0.0000907	0.132	0.00000217	0.0000786	0.000828	0.00172	
2100 Feb	0.000411	0.00113	0.172	0.0000108	1.7	3.33	0.065	0.000329	6.06	0.00151	0.0117	0.000511	0.000165	0.0000907	0.132	0.00000217	0.0000786	0.000828	0.00172	
2100 Mar	0.000411	0.00113	0.172	0.0000108	1.7	3.33	0.065	0.000329	6.07	0.00151	0.0117	0.000511	0.000165	0.0000907	0.132	0.00000217	0.0000786	0.000828	0.00172	
2100 Apr	0.000414	0.00114	0.173	0.0000109	1.71	3.36	0.0655	0.000331	6.11	0.00152	0.0118	0.000515	0.000166	0.0000914	0.133	0.00000218	0.0000791	0.000834	0.00173	
2100 May	0.00043	0.00115	0.177	0.0000109	1.74	3.45	0.0685	0.000326	6.23	0.00154	0.0118	0.000543	0.000171	0.0000941	0.136	0.00000218	0.0000794	0.000866	0.00175	
2100 Jun	0.000414	0.00107	0.168	0.0000101	1.64	3.27	0.0664	0.000285	5.84	0.00145	0.011	0.000535	0.000167	0.00009	0.129	0.00000202	0.000073	0.000842	0.00166	
2100 Jul	0.000415	0.00108	0.17	0.0000103	1.66	3.29	0.0665	0.000287	5.88	0.00147	0.0111	0.000536	0.000172	0.0000907	0.13	0.00000206	0.0000739	0.000849	0.0017	
2100 Aug	0.000405	0.00107	0.167	0.0000103	1.64	3.23	0.0648	0.00029	5.82	0.00146	0.0111	0.00052	0.000167	0.0000895	0.128	0.00000206	0.0000734	0.000825	0.00168	
2100 Sep	0.000398	0.00107	0.165	0.0000103	1.63	3.2	0.0636	0.000295	5.78	0.00145	0.011	0.000509	0.000164	0.0000887	0.127	0.00000206	0.0000733	0.000809	0.00167	
2100 Oct	0.000397	0.00107	0.165	0.0000103	1.63	3.19	0.0632	0.000298	5.78	0.00145	0.0111	0.000506	0.000163	0.0000885	0.126	0.00000206	0.0000736	0.000805	0.00167	
2100 Nov	0.000397	0.00107	0.165	0.0000103	1.63	3.2	0.0632	0.000299	5.78	0.00145	0.0111	0.000506	0.000163	0.0000885	0.126	0.00000207	0.0000737	0.000805	0.00167	
2100 Dec	0.000397	0.00107	0.165	0.0000103	1.63	3.2	0.0633	0.000299	5.79	0.00145	0.0111	0.000506	0.000163	0.0000886	0.127	0.00000207	0.0000738	0.000806	0.00167	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Jan	0.000397	0.00107	0.165	0.0000104	1.63	3.2	0.0633	0.000299	5.79	0.00145	0.0111	0.000506	0.000163	0.0000886	0.127	0.00000207	0.0000738	0.000806	0.00167	
2101 Feb	0.000397	0.00107	0.165	0.0000104	1.63	3.2	0.0633	0.000299	5.79	0.00145	0.0111	0.000506	0.000163	0.0000886	0.127	0.00000207	0.0000738	0.000806	0.00167	
2101 Mar	0.000398	0.00107	0.165	0.0000104	1.63	3.2	0.0633	0.000299	5.79	0.00145	0.0111	0.000507	0.000163	0.0000886	0.127	0.00000207	0.0000738	0.000806	0.00167	
2101 Apr	0.000399	0.00108	0.166	0.0000104	1.64	3.21	0.0636	0.000301	5.82	0.00146	0.0111	0.000509	0.000164	0.000089	0.127	0.00000208	0.0000741	0.00081	0.00168	
2101 May	0.000415	0.00109	0.17	0.0000104	1.67	3.31	0.0665	0.000296	5.94	0.00148	0.0112	0.000536	0.000168	0.0000917	0.131	0.00000208	0.0000745	0.00084	0.00169	
2101 Jun	0.000412	0.00106	0.167	0.00001	1.63	3.25	0.0664	0.000275	5.78	0.00145	0.0108	0.00054	0.000169	0.0000904	0.128	0.00000201	0.0000715	0.000839	0.00165	
2101 Jul	0.000432	0.00111	0.176	0.0000106	1.71	3.41	0.0696	0.000289	6.08	0.00152	0.0114	0.000566	0.000179	0.0000951	0.135	0.00000212	0.0000754	0.000883	0.00175	
2101 Aug	0.000452	0.00117	0.184	0.0000111	1.8	3.57	0.0728	0.000304	6.38	0.0016	0.012	0.000591	0.000187	0.0000996	0.141	0.00000223	0.0000791	0.000922	0.00184	
2101 Sep	0.000437	0.00115	0.18	0.000011	1.76	3.48	0.0701	0.000309	6.26	0.00157	0.0118	0.000568	0.00018	0.0000972	0.138	0.00000221	0.0000784	0.000889	0.0018	
2101 Oct	0.000431	0.00115	0.178	0.000011	1.75	3.45	0.069	0.000313	6.21	0.00155	0.0118	0.000558	0.000177	0.000096	0.136	0.0000022	0.0000784	0.000876	0.00179	
2101 Nov	0.000418	0.00112	0.173	0.0000108	1.71	3.36	0.0667	0.000313	6.07	0.00152	0.0116	0.000538	0.000171	0.0000934	0.133	0.00000216	0.0000773	0.000849	0.00174	
2101 Dec	0.000418	0.00112	0.173	0.0000108	1.71	3.36	0.0666	0.000314	6.07	0.00152	0.0116	0.000537	0.000171	0.0000933	0.133	0.00000216	0.0000773	0.000847	0.00174	
2102 Jan	0.000418	0.00112	0.173	0.0000108	1.71	3.36	0.0666	0.000314	6.07	0.00152	0.0116	0.000537	0.000171	0.0000933	0.133	0.00000216	0.0000773	0.000847	0.00174	
2102 Feb	0.000418	0.00112	0.173	0.0000108	1.71	3.36	0.0666	0.000314	6.07	0.00152	0.0116	0.000537	0.000171	0.0000933	0.133	0.00000216	0.0000773	0.000847	0.00174	
2102 Mar	0.000418	0.00112	0.173	0.0000108	1.71	3.36	0.0666	0.000314	6.07	0.00152	0.0116	0.000537	0.000171	0.0000933	0.133	0.00000216	0.0000773	0.000848	0.00174	
2102 Apr	0.000419	0.00113	0.174	0.0000108	1.71	3.37	0.0668	0.000315	6.09	0.00152	0.0116	0.000539	0.000171	0.0000936	0.133	0.00000217	0.0000776	0.00085	0.00175	
2102 May	0.000426	0.00114	0.176	0.000011	1.74	3.42	0.0678	0.00032	6.18	0.00155	0.0118	0.000547	0.000174	0.000095	0.135	0.0000022	0.0000788	0.000863	0.00177	
2102 Jun	0.000368	0.00103	0.157	0.0000104	1.56	3	0.0585	0.000279	5.47	0.00141	0.011	0.00047	0.000174	0.0000846	0.119	0.00000208	0.0000719	0.000783	0.00174	
2102 Jul	0.000347	0.000999	0.152	0.0000104	1.51	2.86	0.0552	0.000266	5.25	0.00138	0.0108	0.000441	0.000177	0.0000815	0.114	0.00000208	0.0000703	0.000759	0.00177	
2102 Aug	0.000354	0.00103	0.156	0.0000107	1.55	2.93	0.0562	0.000277	5.4	0.00142	0.0112	0.000449	0.000181	0.0000836	0.117	0.00000215	0.0000724	0.000772	0.00181	
2102 Sep	0.000353	0.00103	0.155	0.0000108	1.55	2.93	0.0557	0.000284	5.42	0.00143	0.0112	0.000444	0.000179	0.0000837	0.117	0.00000216	0.000073	0.000766	0.00182	
2102 Oct	0.000336	0.001	0.149	0.0000105	1.5	2.82	0.0528	0.000285	5.24	0.00137	0.0109	0.000419	0.000169	0.00008	0.112	0.0000021	0.0000715	0.000727	0.00174	
2102 Nov	0.000336	0.00101	0.15	0.0000105	1.5	2.82	0.0528	0.000286	5.25	0.00138	0.011	0.000419	0.000169	0.0000801	0.112	0.0000021	0.0000717	0.000728	0.00175	
2102 Dec	0.000337	0.00101	0.15	0.0000105	1.5	2.82	0.0529	0.000286	5.25	0.00138	0.011	0.000419	0.00017	0.0000802	0.112	0.0000021	0.0000717	0.000729	0.00175	
2103 Jan	0.000337	0.00101	0.15	0.0000105	1.5	2.82	0.0529	0.000287	5.25	0.00138	0.011	0.00042	0.00017	0.0000802	0.112	0.0000021	0.0000717	0.000729	0.00175	
2103 Feb	0.000337	0.00101	0.15	0.0000105	1.5	2.82	0.0529	0.000287	5.25	0.00138	0.011	0.00042	0.00017	0.0000802	0.112	0.00000211	0.0000717	0.000729	0.00175	
2103 Mar	0.000337	0.00101	0.15	0.0000105	1.5	2.83	0.0529	0.000287	5.26	0.00138	0.011	0.00042	0.00017	0.0000803	0.113	0.00000211	0.0000718	0.00073	0.00175	
2103 Apr	0.000338	0.00101	0.15	0.0000106	1.51	2.84	0.0532	0.000288	5.28	0.00138	0.011	0.000422	0.00017	0.0000806	0.113	0.00000212	0.0000721	0.000733	0.00176	
2103 May	0.000356	0.00103	0.156	0.0000106	1.55	2.95	0.0562	0.000287	5.43	0.00142	0.0111	0.00045	0.000175	0.0000836	0.117	0.00000213	0.0000729	0.000765	0.00178	
2103 Jun	0.000358	0.000983	0.152	0.00000997	1.5	2.89	0.0572	0.000255	5.24	0.00136	0.0105	0.000465	0.000172	0.0000823	0.115	0.00000199	0.0000683	0.000768	0.00169	
2103 Jul	0.000357	0.000995	0.153	0.0000102	1.51	2.9	0.057	0.000257	5.28	0.00138	0.0107	0.000463	0.000176	0.0000828	0.115	0.00000204	0.0000692	0.000771	0.00173	
2103 Aug	0.000347	0.000996	0.152	0.0000103	1.5	2.85	0.0552	0.000259	5.23	0.00137	0.0107	0.000449	0.000172	0.0000817	0.113	0.00000205	0.0000689	0.000744	0.00172	
2103 Sep	0.000334	0.00098	0.147	0.0000101	1.46	2.77	0.0528	0.000266	5.12	0.00134	0.0105	0.000427	0.000164	0.0000791	0.11	0.00000202	0.0000684	0.000713	0.00167	
2103 Oct	0.000312	0.000948	0.14	0.00000977	1.4	2.63	0.0487	0.000273	4.91	0.00127	0.0102	0.000391	0.000151	0.0000744	0.105	0.00000195	0.0000671	0.000662	0.00159	
2103 Nov	0.000307	0.000942	0.138	0.0000097	1.38	2.6	0.0478	0.000276	4.86	0.00126	0.0102	0.000383	0.000148	0.0000734	0.103	0.00000194	0.0000669	0.000651	0.00157	
2103 Dec	0.000308	0.000942	0.138	0.00000971	1.38	2.6	0.0478	0.000276	4.87	0.00126	0.0102	0.000383	0.000148	0.0000734	0.103	0.00000194	0.0000669	0.000651	0.00157	
2104 Jan	0.000308	0.000942	0.138	0.00000971	1.38	2.6	0.0478	0.000276	4.87	0.00126	0.0102	0.000383	0.000148	0.0000734	0.103	0.00000194	0.0000669	0.000651	0.00157	
2104 Feb	0.000308	0.000942	0.138	0.00000971	1.38	2.6	0.0478	0.000276	4.87	0.00126	0.0102	0.000383	0.000148	0.0000734	0.103	0.00000194	0.000067	0.000651	0.00157	
2104 Mar	0.000308	0.000943	0.138	0.00000972	1.38	2.6	0.0479	0.000276	4.87	0.00126	0.0102	0.000384	0.000148	0.0000735	0.104	0.00000194	0.000067	0.000652	0.00157	
2104 Apr	0.00031	0.00095	0.139	0.00000979	1.39	2.62	0.0482	0.000278	4.91	0.00127	0.0103	0.000386	0.000149	0.000074	0.104	0.00000196	0.0000675	0.000656	0.00158	
2104 May	0.000334	0.000975	0.146	0.00000986	1.45	2.77	0.0525	0.000275	5.11	0.00131	0.0104	0.000425	0.000155	0.0000781	0.11	0.00000197	0.0000684	0.000702	0.00161	
2104 Jun	0.000336	0.000934	0.143	0.00000932	1.41	2.73	0.0535	0.000248	4.96	0.00127	0.00988	0.000439	0.000155	0.0000772	0.108	0.00000186	0.0000646	0.000708	0.00155	
2104 Jul	0.000343	0.000962	0.147	0.00000967	1.45	2.79	0.0545	0.000255	5.09	0.00131	0.0102	0.000447	0.00016	0.0000792	0.111	0.00000193	0.0000666	0.000725	0.00161	
2104 Aug	0.000346	0.000983	0.15	0.00000992	1.47	2.83	0.055	0.000263	5.19	0.00134	0.0104	0.00045	0.000162	0.0000806	0.112	0.00000198	0.0000681	0.00073	0.00164	
2104 Sep	0.000335	0.000969	0.146	0.00000982	1.45	2.77	0.053	0.000268	5.1	0.00131	0.0103	0.000431	0.000156	0.0000787	0.11	0.00000196	0.0000675	0.000703	0.0016	
2104 Oct	0.000322	0.000951	0.141	0.00000963	1.41	2.68	0.0504	0.000274	4.97	0.00128	0.0101	0.000409	0.000148	0.0000759	0.107	0.00000193	0.0000669	0.000672	0.00156	
2104 Nov	0.000318	0.000947	0.14	0.0000096	1.4	2.66	0.0498	0.000276	4.94	0.00127	0.0101	0.000403	0.000146	0.0000752	0.106	0.00000192	0.0000668	0.000664	0.00154	
2104 Dec	0.000318	0.000948	0.14	0.0000096	1.4	2.66	0.0498	0.000276	4.95	0.00127	0.0101	0.000403	0.000146	0.0000752	0.106	0.00000192	0.0000668	0.000664	0.00155	
2105 Jan	0.000318	0.000948	0.14	0.0000096	1.4	2.66	0.0498	0.000276	4.95	0.00127	0.0101	0.000403	0.000146	0.0000752	0.106	0.00000192	0.0000668	0.000664	0.00155	
2105 Feb	0.000319	0.000948	0.14	0.0000096	1.4	2.66	0.0498	0.000276	4.95	0.00127	0.0101	0.000403	0.000146	0.0000752	0.106	0.00000192	0.0000668	0.000664	0.00155	
2105 Mar	0.000319	0.000948	0.14	0.00000961	1.4	2.66	0.0498	0.000276	4.95	0.00127	0.0101	0.000403	0.000146	0.0000752	0.106	0.00000192	0.0000669	0.000665	0.00155	
2105 Apr	0.00032	0.000952	0.141	0.00000964	1.41	2.67	0.05	0.000277	4.97	0.00128	0.0102	0.000405	0.000147	0.0000755	0.106	0.00000193	0.0000671	0.000667	0.00155	
2105 May	0.000339	0.000971	0.146	0.00000969	1.45	2.79	0.0534	0.000274	5.12	0.00131	0.0103	0.000435	0.000152	0.0000787	0.11	0.00000194	0.0000677	0.000703	0.00157	
2105 Jun	0.000354	0.000979	0.15	0.00000966	1.48	2.87	0.0563	0.000266	5.22	0.00133	0.0103	0.000462	0.000157	0.0000811	0.114	0.00000193	0.0000676	0.000735	0.00158	
2105 Jul	0.000364	0.00102	0.155	0.0000101	1.53	2.96	0.0579	0.000275	5.4	0.00138	0.0107	0.000476	0.000162	0.0000838	0.117	0.00000201	0.0000701	0.000756	0.00165	
2105 Aug	0.000348	0.000995	0.15	0.00000994	1.49	2.86	0.055	0.000276	5.26	0.00134	0.0105	0.000451	0.000155	0.0000813	0.114	0.00000199	0.0000687	0.000717	0.0016	
2105 Sep	0.000324	0.000957	0.141	0.00000964	1.42	2.7	0.0508	0.000281	5.03	0.00128	0.0101	0.000413	0.000142	0.0000769	0.108	0.00000193	0.0000669	0.000662	0.00153	
2105 Oct	0.000309	0.000935	0.136	0.00000942	1.38	2.61	0.048	0.000285	4.88	0.00124	0.00992	0.000388	0.000134	0.0000737	0.104	0.00000188	0.000066	0.000629	0.00147	
2105 Nov	0.000304	0.000927	0.134	0.00000934	1.36	2.57	0.047	0.000287	4.83	0.00122	0.00984	0.000379	0.000131	0.0000725	0.102	0.00000187	0.0000657	0.000616	0.00145	
2105 Dec	0.000304	0.000927	0.134	0.00000934	1.36	2.57	0.047	0.000287	4.83	0.00122	0.00985	0.000379	0.000131	0.0000725	0.102	0.00000187	0.0000657	0.000616	0.00145	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Jan	0.000304	0.000927	0.134	0.00000934	1.36	2.57	0.047	0.000287	4.83	0.00122	0.00985	0.000379	0.000131	0.0000725	0.102	0.00000187	0.0000657	0.000616	0.00145	
2106 Feb	0.000304	0.000927	0.134	0.00000934	1.36	2.57	0.047	0.000287	4.83	0.00122	0.00985	0.000379	0.000131	0.0000725	0.102	0.00000187	0.0000657	0.000616	0.00146	
2106 Mar	0.000304	0.000928	0.134	0.00000934	1.36	2.57	0.047	0.000287	4.83	0.00123	0.00985	0.000379	0.000131	0.0000725	0.102	0.00000187	0.0000658	0.000617	0.00146	
2106 Apr	0.000305	0.000932	0.135	0.00000939	1.37	2.58	0.0472	0.000289	4.85	0.00123	0.0099	0.000381	0.000132	0.0000729	0.103	0.00000188	0.0000661	0.00062	0.00146	
2106 May	0.000316	0.000952	0.139	0.00000954	1.4	2.66	0.0491	0.000291	4.98	0.00126	0.0101	0.000397	0.000136	0.000075	0.106	0.00000191	0.0000672	0.000642	0.00149	
2106 Jun	0.000317	0.000913	0.137	0.00000915	1.36	2.62	0.05	0.000259	4.82	0.00123	0.00966	0.000409	0.000142	0.0000743	0.104	0.00000183	0.0000637	0.000658	0.00148	
2106 Jul	0.000321	0.000938	0.14	0.00000953	1.4	2.66	0.0505	0.000264	4.92	0.00127	0.01	0.000413	0.000149	0.0000759	0.106	0.00000191	0.0000656	0.000673	0.00155	
2106 Aug	0.000314	0.00094	0.139	0.00000962	1.39	2.63	0.0492	0.000268	4.9	0.00127	0.01	0.000402	0.000146	0.0000753	0.105	0.00000192	0.0000657	0.000654	0.00155	
2106 Sep	0.0003	0.00092	0.134	0.00000947	1.35	2.54	0.0466	0.000274	4.78	0.00123	0.00983	0.000377	0.000138	0.0000728	0.101	0.00000189	0.0000648	0.000618	0.0015	
2106 Oct	0.000294	0.000915	0.132	0.00000941	1.34	2.51	0.0455	0.000279	4.73	0.00122	0.0098	0.000367	0.000134	0.0000716	0.1	0.00000188	0.0000648	0.000605	0.00148	
2106 Nov	0.000295	0.000917	0.132	0.00000944	1.34	2.51	0.0456	0.00028	4.75	0.00122	0.00982	0.000368	0.000135	0.0000718	0.1	0.00000189	0.000065	0.000606	0.00148	
2106 Dec	0.000295	0.000917	0.132	0.00000944	1.34	2.51	0.0456	0.00028	4.75	0.00122	0.00983	0.000368	0.000135	0.0000718	0.1	0.00000189	0.000065	0.000606	0.00149	
2107 Jan	0.000295	0.000918	0.132	0.00000944	1.34	2.51	0.0456	0.00028	4.75	0.00122	0.00983	0.000368	0.000135	0.0000718	0.1	0.00000189	0.000065	0.000606	0.00149	
2107 Feb	0.000295	0.000918	0.132	0.00000945	1.34	2.51	0.0456	0.00028	4.75	0.00122	0.00983	0.000368	0.000135	0.0000718	0.1	0.00000189	0.000065	0.000606	0.00149	
2107 Mar	0.000295	0.000919	0.133	0.00000946	1.35	2.52	0.0456	0.00028	4.75	0.00122	0.00984	0.000368	0.000135	0.0000719	0.1	0.00000189	0.0000651	0.000607	0.00149	
2107 Apr	0.000296	0.000921	0.133	0.00000948	1.35	2.52	0.0458	0.000281	4.77	0.00123	0.00987	0.000369	0.000135	0.0000721	0.101	0.0000019	0.0000653	0.000609	0.00149	
2107 May	0.000307	0.000932	0.136	0.00000951	1.37	2.59	0.0477	0.000279	4.85	0.00124	0.00993	0.000387	0.000138	0.0000739	0.103	0.0000019	0.0000656	0.00063	0.0015	
2107 Jun	0.000325	0.000937	0.141	0.00000941	1.4	2.68	0.0513	0.000265	4.95	0.00126	0.00988	0.000421	0.000145	0.0000766	0.107	0.00000188	0.0000651	0.000671	0.00152	
2107 Jul	0.000328	0.000957	0.143	0.00000967	1.42	2.72	0.0517	0.000269	5.03	0.00129	0.0101	0.000424	0.000148	0.0000778	0.108	0.00000193	0.0000664	0.000677	0.00155	
2107 Aug	0.000338	0.000993	0.148	0.0000101	1.47	2.81	0.0531	0.00028	5.21	0.00134	0.0105	0.000436	0.000152	0.0000804	0.112	0.00000201	0.0000688	0.000695	0.00161	
2107 Sep	0.000336	0.001	0.148	0.0000101	1.48	2.81	0.0526	0.000288	5.23	0.00134	0.0106	0.00043	0.000151	0.0000802	0.112	0.00000203	0.0000697	0.00069	0.00161	
2107 Oct	0.000328	0.00099	0.145	0.00001	1.46	2.76	0.0512	0.000292	5.16	0.00132	0.0105	0.000417	0.000147	0.0000786	0.11	0.00000201	0.0000694	0.000673	0.00159	
2107 Nov	0.000326	0.000987	0.144	0.00001	1.45	2.74	0.0507	0.000293	5.14	0.00131	0.0105	0.000413	0.000145	0.0000781	0.109	0.000002	0.0000693	0.000667	0.00158	
2107 Dec	0.000326	0.000988	0.144	0.00001	1.45	2.74	0.0507	0.000293	5.14	0.00131	0.0105	0.000413	0.000145	0.0000781	0.109	0.000002	0.0000693	0.000667	0.00158	
2108 Jan	0.000326	0.000988	0.144	0.00001	1.45	2.74	0.0507	0.000293	5.14	0.00131	0.0105	0.000413	0.000145	0.0000781	0.109	0.000002	0.0000693	0.000667	0.00158	
2108 Feb	0.000326	0.000988	0.144	0.00001	1.45	2.75	0.0507	0.000293	5.14	0.00131	0.0105	0.000413	0.000145	0.0000781	0.109	0.000002	0.0000693	0.000668	0.00158	
2108 Mar	0.000327	0.000989	0.145	0.00001	1.45	2.75	0.0508	0.000294	5.15	0.00132	0.0105	0.000414	0.000145	0.0000782	0.109	0.000002	0.0000694	0.000668	0.00158	
2108 Apr	0.00033	0.000999	0.146	0.0000101	1.47	2.77	0.0513	0.000296	5.2	0.00133	0.0106	0.000418	0.000147	0.0000789	0.11	0.00000202	0.0000701	0.000675	0.0016	
2108 May	0.000338	0.00102	0.149	0.0000103	1.5	2.84	0.0526	0.000302	5.31	0.00136	0.0108	0.000428	0.00015	0.0000807	0.113	0.00000206	0.0000716	0.000691	0.00163	
2108 Jun	0.000327	0.000984	0.145	0.0000101	1.45	2.74	0.0511	0.00028	5.11	0.00133	0.0106	0.000417	0.000156	0.0000785	0.109	0.00000203	0.0000691	0.000688	0.00164	
2108 Jul	0.000339	0.00103	0.152	0.0000107	1.52	2.85	0.053	0.000291	5.32	0.00139	0.0111	0.000431	0.000166	0.0000819	0.113	0.00000214	0.0000723	0.00072	0.00174	
2108 Aug	0.000356	0.00108	0.16	0.0000113	1.6	3	0.0556	0.000308	5.61	0.00147	0.0117	0.000452	0.000174	0.0000863	0.119	0.00000226	0.0000764	0.000755	0.00184	
2108 Sep	0.000355	0.00109	0.16	0.0000114	1.61	3	0.0553	0.000314	5.64	0.00147	0.0118	0.000449	0.000173	0.0000863	0.12	0.00000227	0.000077	0.000751	0.00184	
2108 Oct	0.00033	0.00104	0.15	0.0000109	1.52	2.83	0.051	0.000316	5.36	0.00139	0.0113	0.000411	0.000159	0.0000808	0.113	0.00000217	0.0000745	0.000695	0.00173	
2108 Nov	0.000327	0.00104	0.149	0.0000108	1.51	2.81	0.0504	0.000317	5.33	0.00138	0.0113	0.000406	0.000157	0.0000801	0.112	0.00000216	0.0000744	0.000688	0.00172	
2108 Dec	0.000327	0.00104	0.149	0.0000108	1.51	2.81	0.0504	0.000317	5.33	0.00138	0.0113	0.000406	0.000157	0.0000802	0.112	0.00000216	0.0000745	0.000688	0.00172	
2109 Jan	0.000327	0.00104	0.149	0.0000108	1.51	2.81	0.0504	0.000317	5.33	0.00138	0.0113	0.000406	0.000157	0.0000802	0.112	0.00000216	0.0000745	0.000689	0.00172	
2109 Feb	0.000328	0.00104	0.149	0.0000108	1.51	2.81	0.0504	0.000317	5.33	0.00138	0.0113	0.000406	0.000157	0.0000802	0.112	0.00000216	0.0000745	0.000689	0.00172	
2109 Mar	0.000328	0.00104	0.15	0.0000108	1.52	2.82	0.0505	0.000318	5.34	0.00139	0.0113	0.000407	0.000158	0.0000803	0.112	0.00000217	0.0000746	0.00069	0.00173	
2109 Apr	0.00033	0.00105	0.151	0.0000109	1.53	2.84	0.0508	0.00032	5.37	0.00139	0.0114	0.000409	0.000159	0.0000808	0.113	0.00000218	0.0000751	0.000694	0.00174	
2109 May	0.000346	0.00106	0.155	0.0000109	1.56	2.93	0.0537	0.000316	5.5	0.00142	0.0114	0.000435	0.000163	0.0000834	0.117	0.00000218	0.0000754	0.000724	0.00175	
2109 Jun	0.000368	0.00108	0.161	0.0000109	1.6	3.05	0.0578	0.000305	5.64	0.00145	0.0114	0.000474	0.000169	0.0000868	0.121	0.00000217	0.0000753	0.000769	0.00176	
2109 Jul	0.000373	0.0011	0.164	0.0000112	1.63	3.11	0.0586	0.000312	5.76	0.00148	0.0118	0.00048	0.000173	0.0000886	0.123	0.00000224	0.0000772	0.000781	0.00181	
2109 Aug	0.000381	0.00114	0.168	0.0000116	1.68	3.18	0.0597	0.000322	5.92	0.00153	0.0121	0.000489	0.000177	0.0000909	0.127	0.00000232	0.0000794	0.000794	0.00187	
2109 Sep	0.000371	0.00112	0.165	0.0000114	1.65	3.11	0.0578	0.000325	5.82	0.0015	0.012	0.000472	0.000171	0.0000888	0.124	0.00000229	0.0000788	0.00077	0.00183	
2109 Oct	0.000345	0.00108	0.155	0.000011	1.57	2.94	0.0533	0.000327	5.54	0.00142	0.0115	0.000432	0.000158	0.0000832	0.117	0.00000219	0.0000764	0.000714	0.00173	
2109 Nov	0.000345	0.00108	0.155	0.000011	1.56	2.94	0.0532	0.000328	5.54	0.00142	0.0116	0.000431	0.000157	0.0000831	0.117	0.0000022	0.0000765	0.000712	0.00173	
2109 Dec	0.000345	0.00108	0.155	0.000011	1.57	2.94	0.0532	0.000329	5.54	0.00142	0.0116	0.000431	0.000157	0.0000831	0.117	0.0000022	0.0000766	0.000712	0.00173	
2110 Jan	0.000345	0.00108	0.155	0.000011	1.57	2.94	0.0532	0.000329	5.54	0.00142	0.0116	0.000431	0.000157	0.0000832	0.117	0.0000022	0.0000766	0.000713	0.00173	
2110 Feb	0.000345	0.00108	0.155	0.000011	1.57	2.94	0.0532	0.000329	5.55	0.00142	0.0116	0.000431	0.000157	0.0000832	0.117	0.0000022	0.0000766	0.000713	0.00173	
2110 Mar	0.000345	0.00108	0.156	0.000011	1.57	2.94	0.0533	0.000329	5.55	0.00142	0.0116	0.000432	0.000157	0.0000833	0.117	0.0000022	0.0000767	0.000713	0.00173	
2110 Apr	0.000347	0.00108	0.156	0.000011	1.57	2.96	0.0535	0.00033	5.57	0.00143	0.0116	0.000433	0.000158	0.0000836	0.118	0.00000221	0.000077	0.000716	0.00174	
2110 May	0.000354	0.0011	0.159	0.0000111	1.6	3.01	0.0548	0.000332	5.66	0.00145	0.0117	0.000445	0.000161	0.000085	0.12	0.00000223	0.0000777	0.000731	0.00176	
2110 Jun	0.000358	0.00104	0.156	0.0000105	1.55	2.96	0.0562	0.000295	5.47	0.0014	0.0111	0.000462	0.000163	0.000084	0.118	0.0000021	0.0000729	0.000745	0.0017	
2110 Jul	0.000362	0.00107	0.159	0.0000108	1.58	3.01	0.0568	0.0003	5.57	0.00143	0.0114	0.000467	0.000168	0.0000856	0.119	0.00000216	0.0000747	0.000758	0.00175	
2110 Aug	0.000331	0.00102	0.148	0.0000104	1.49	2.79	0.0515	0.000292	5.24	0.00135	0.0108	0.000421	0.000153	0.0000801	0.111	0.00000208	0.0000709	0.000683	0.00165	
2110 Sep	0.000303	0.000966	0.138	0.00000993	1.4	2.6	0.0465	0.000296	4.95	0.00127	0.0103	0.000377	0.000138	0.0000742	0.104	0.00000199	0.0000684	0.000619	0.00154	
2110 Oct	0.000279	0.000929	0.129	0.00000954	1.32	2.45	0.0421	0.000304	4.71	0.0012	0.01	0.000338	0.000124	0.0000689	0.0977	0.00000191	0.0000669	0.000566	0.00145	
2110 Nov	0.000274	0.00092	0.128	0.00000945	1.31	2.41	0.0413	0.000304	4.65	0.00119	0.00993	0.00033	0.000122	0.0000678	0.0964	0.00000189	0.0000665	0.000555	0.00143	
2110 Dec	0.000274	0.00092	0.128	0.00000945	1.31	2.41	0.0413	0.000304	4.65	0.00119	0.00993	0.00033	0.000122	0.0000678	0.0964	0.00000189	0.0000665	0.000555	0.00143	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2111 Jan	0.000274	0.00092	0.128	0.00000945	1.31	2.41	0.0413	0.000304	4.65	0.00119	0.00993	0.00033	0.000122	0.0000678	0.0964	0.00000189	0.0000665	0.000555	0.00143	
2111 Feb	0.000274	0.00092	0.128	0.00000945	1.31	2.41	0.0413	0.000304	4.65	0.00119	0.00993	0.00033	0.000122	0.0000679	0.0964	0.00000189	0.0000665	0.000555	0.00143	
2111 Mar	0.000275	0.000922	0.128	0.00000947	1.31	2.42	0.0414	0.000305	4.66	0.00119	0.00995	0.00033	0.000122	0.000068	0.0966	0.00000189	0.0000666	0.000556	0.00144	
2111 Apr	0.000277	0.000928	0.129	0.00000954	1.32	2.43	0.0417	0.000307	4.7	0.0012	0.01	0.000333	0.000123	0.0000685	0.0973	0.00000191	0.0000671	0.00056	0.00145	
2111 May	0.000291	0.000949	0.133	0.00000967	1.36	2.53	0.0442	0.000307	4.84	0.00123	0.0102	0.000355	0.000128	0.0000711	0.101	0.00000193	0.0000681	0.000589	0.00148	
2111 Jun	0.000317	0.000948	0.139	0.00000945	1.39	2.65	0.0494	0.000283	4.94	0.00125	0.01	0.000404	0.000137	0.0000748	0.105	0.00000189	0.0000666	0.000647	0.00149	
2111 Jul	0.000332	0.000998	0.146	0.00000999	1.46	2.78	0.0516	0.000297	5.19	0.00132	0.0106	0.000423	0.000146	0.0000786	0.111	0.000002	0.0000702	0.00068	0.00158	
2111 Aug	0.000318	0.000982	0.142	0.00000992	1.43	2.7	0.0493	0.000296	5.08	0.00129	0.0104	0.000402	0.00014	0.0000766	0.107	0.00000198	0.000069	0.000646	0.00154	
2111 Sep	0.000309	0.000972	0.139	0.00000988	1.41	2.65	0.0476	0.000302	5.02	0.00128	0.0103	0.000386	0.000135	0.0000753	0.106	0.00000198	0.0000686	0.000623	0.00152	
2111 Oct	0.000294	0.000944	0.133	0.0000096	1.36	2.54	0.0449	0.000304	4.85	0.00123	0.0101	0.000362	0.000127	0.0000719	0.101	0.00000192	0.0000673	0.00059	0.00146	
2111 Nov	0.000284	0.000928	0.13	0.00000944	1.33	2.47	0.043	0.000306	4.74	0.0012	0.00993	0.000345	0.000121	0.0000697	0.0988	0.00000189	0.0000667	0.000568	0.00143	
2111 Dec	0.000284	0.000929	0.13	0.00000944	1.33	2.47	0.043	0.000306	4.74	0.0012	0.00993	0.000345	0.000121	0.0000697	0.0988	0.00000189	0.0000667	0.000568	0.00143	
2112 Jan	0.000284	0.000929	0.13	0.00000944	1.33	2.47	0.043	0.000307	4.74	0.0012	0.00993	0.000345	0.000121	0.0000697	0.0988	0.00000189	0.0000667	0.000568	0.00143	
2112 Feb	0.000284	0.000929	0.13	0.00000944	1.33	2.47	0.043	0.000307	4.75	0.0012	0.00994	0.000345	0.000121	0.0000697	0.0989	0.00000189	0.0000667	0.000568	0.00143	
2112 Mar	0.000285	0.000931	0.13	0.00000946	1.33	2.48	0.0431	0.000307	4.76	0.0012	0.00996	0.000346	0.000121	0.0000698	0.0991	0.00000189	0.0000669	0.000569	0.00143	
2112 Apr	0.000286	0.000937	0.131	0.00000952	1.34	2.49	0.0434	0.000309	4.79	0.00121	0.01	0.000348	0.000122	0.0000703	0.0997	0.0000019	0.0000673	0.000573	0.00144	
2112 May	0.000304	0.000958	0.136	0.00000961	1.38	2.61	0.0466	0.000307	4.94	0.00125	0.0102	0.000377	0.000128	0.0000734	0.104	0.00000192	0.0000681	0.000609	0.00147	
2112 Jun	0.00031	0.000899	0.134	0.0000089	1.33	2.57	0.0487	0.000262	4.74	0.0012	0.00945	0.000401	0.000133	0.0000726	0.102	0.00000178	0.0000627	0.000633	0.00141	
2112 Jul	0.000309	0.000908	0.135	0.00000912	1.34	2.57	0.0484	0.000262	4.75	0.00121	0.00962	0.000398	0.000138	0.000073	0.102	0.00000182	0.0000635	0.000637	0.00146	
2112 Aug	0.000316	0.000938	0.139	0.00000946	1.39	2.64	0.0495	0.000273	4.91	0.00125	0.00995	0.000406	0.000141	0.0000752	0.105	0.00000189	0.0000657	0.000651	0.00151	
2112 Sep	0.000311	0.000935	0.137	0.00000947	1.38	2.61	0.0484	0.000279	4.88	0.00125	0.00993	0.000396	0.000138	0.0000745	0.104	0.00000189	0.0000658	0.000637	0.0015	
2112 Oct	0.000305	0.000928	0.135	0.0000094	1.36	2.58	0.0474	0.000282	4.83	0.00123	0.00987	0.000386	0.000135	0.0000733	0.103	0.00000188	0.0000656	0.000624	0.00148	
2112 Nov	0.000305	0.000929	0.135	0.0000094	1.36	2.57	0.0472	0.000283	4.83	0.00123	0.00988	0.000385	0.000134	0.0000732	0.103	0.00000188	0.0000657	0.000622	0.00148	
2112 Dec	0.000305	0.000929	0.135	0.00000941	1.36	2.58	0.0473	0.000283	4.83	0.00123	0.00989	0.000385	0.000135	0.0000732	0.103	0.00000188	0.0000657	0.000623	0.00148	
2113 Jan	0.000305	0.000929	0.135	0.00000941	1.36	2.58	0.0473	0.000283	4.83	0.00123	0.00989	0.000385	0.000135	0.0000732	0.103	0.00000188	0.0000657	0.000623	0.00148	
2113 Feb	0.000305	0.00093	0.135	0.00000941	1.36	2.58	0.0473	0.000283	4.84	0.00123	0.00989	0.000385	0.000135	0.0000733	0.103	0.00000188	0.0000657	0.000623	0.00148	
2113 Mar	0.000306	0.000933	0.136	0.00000944	1.37	2.58	0.0474	0.000284	4.85	0.00124	0.00992	0.000386	0.000135	0.0000735	0.103	0.00000189	0.0000659	0.000625	0.00148	
2113 Apr	0.000308	0.000938	0.136	0.0000095	1.38	2.6	0.0477	0.000286	4.88	0.00124	0.00998	0.000389	0.000136	0.0000739	0.104	0.0000019	0.0000663	0.000629	0.00149	
2113 May	0.000322	0.000958	0.141	0.00000961	1.42	2.7	0.0503	0.000286	5.02	0.00128	0.0101	0.000412	0.00014	0.0000766	0.107	0.00000192	0.0000673	0.000658	0.00152	
2113 Jun	0.000337	0.000949	0.144	0.00000938	1.42	2.75	0.0533	0.000266	5.04	0.00128	0.00994	0.000441	0.000146	0.0000783	0.109	0.00000188	0.0000657	0.000691	0.00151	
2113 Jul	0.000345	0.000982	0.148	0.00000976	1.47	2.83	0.0544	0.000274	5.19	0.00132	0.0103	0.00045	0.000151	0.0000805	0.112	0.00000195	0.0000679	0.000707	0.00157	
2113 Aug	0.00035	0.00101	0.151	0.0000101	1.5	2.88	0.0552	0.000283	5.31	0.00135	0.0106	0.000456	0.000153	0.0000823	0.114	0.00000201	0.0000696	0.000716	0.00161	
2113 Sep	0.00034	0.000996	0.148	0.00000996	1.48	2.82	0.0533	0.000288	5.23	0.00133	0.0105	0.000439	0.000148	0.0000804	0.112	0.00000199	0.0000692	0.000693	0.00158	
2113 Oct	0.000312	0.000949	0.138	0.0000095	1.39	2.63	0.0482	0.000291	4.93	0.00125	0.01	0.000394	0.000134	0.0000743	0.105	0.0000019	0.000067	0.000631	0.00148	
2113 Nov	0.000306	0.000942	0.136	0.00000943	1.37	2.59	0.0471	0.000295	4.88	0.00123	0.01	0.000383	0.00013	0.0000731	0.103	0.00000189	0.0000669	0.000618	0.00146	
2113 Dec	0.000306	0.000943	0.136	0.00000944	1.37	2.6	0.0471	0.000295	4.88	0.00124	0.01	0.000383	0.00013	0.0000731	0.103	0.00000189	0.0000669	0.000618	0.00146	
2114 Jan	0.000306	0.000943	0.136	0.00000944	1.37	2.6	0.0471	0.000295	4.89	0.00124	0.01	0.000383	0.00013	0.0000731	0.103	0.00000189	0.000067	0.000618	0.00146	
2114 Feb	0.000306	0.000943	0.136	0.00000944	1.37	2.6	0.0472	0.000295	4.89	0.00124	0.01	0.000384	0.00013	0.0000731	0.103	0.00000189	0.000067	0.000618	0.00146	
2114 Mar	0.000306	0.000945	0.136	0.00000946	1.37	2.6	0.0472	0.000296	4.89	0.00124	0.01	0.000384	0.000131	0.0000732	0.104	0.00000189	0.0000671	0.000619	0.00146	
2114 Apr	0.000308	0.000949	0.137	0.0000095	1.38	2.61	0.0474	0.000297	4.92	0.00124	0.0101	0.000386	0.000131	0.0000736	0.104	0.0000019	0.0000674	0.000622	0.00147	
2114 May	0.000323	0.00096	0.141	0.0000095	1.41	2.7	0.0503	0.000291	5.03	0.00127	0.0101	0.000412	0.000136	0.0000761	0.107	0.0000019	0.0000675	0.000653	0.00148	
2114 Jun	0.000347	0.000985	0.148	0.00000962	1.47	2.84	0.0546	0.000284	5.22	0.00131	0.0103	0.000451	0.000145	0.0000801	0.113	0.00000192	0.0000684	0.000703	0.00153	
2114 Jul	0.000366	0.00104	0.157	0.0000102	1.55	3	0.0575	0.000301	5.52	0.00139	0.0109	0.000475	0.000154	0.0000848	0.119	0.00000205	0.0000726	0.000743	0.00163	
2114 Aug	0.000385	0.0011	0.165	0.0000108	1.64	3.17	0.0605	0.000319	5.83	0.00147	0.0115	0.0005	0.000162	0.0000895	0.126	0.00000217	0.0000767	0.000781	0.00172	
2114 Sep	0.000369	0.00108	0.16	0.0000107	1.6	3.07	0.0577	0.000323	5.69	0.00143	0.0113	0.000474	0.000154	0.0000866	0.122	0.00000213	0.0000757	0.000745	0.00167	
2114 Oct	0.00035	0.00105	0.153	0.0000104	1.54	2.94	0.0543	0.000325	5.49	0.00138	0.0111	0.000444	0.000145	0.0000826	0.117	0.00000207	0.0000742	0.000705	0.00161	
2114 Nov	0.000335	0.00102	0.148	0.0000101	1.49	2.84	0.0516	0.000326	5.32	0.00133	0.0108	0.00042	0.000138	0.0000792	0.113	0.00000202	0.0000729	0.000672	0.00155	
2114 Dec	0.000335	0.00102	0.147	0.0000101	1.49	2.83	0.0515	0.000326	5.32	0.00133	0.0108	0.000419	0.000138	0.0000792	0.113	0.00000202	0.0000729	0.000671	0.00155	
2115 Jan	0.000335	0.00102	0.148	0.0000101	1.49	2.83	0.0515	0.000327	5.32	0.00133	0.0108	0.000419	0.000138	0.0000792	0.113	0.00000202	0.0000729	0.000671	0.00155	
2115 Feb	0.000335	0.00102	0.148	0.0000101	1.49	2.83	0.0516	0.000327	5.32	0.00133	0.0108	0.000419	0.000138	0.0000792	0.113	0.00000202	0.0000729	0.000671	0.00155	
2115 Mar	0.000335	0.00102	0.148	0.0000101	1.49	2.84	0.0516	0.000327	5.33	0.00133	0.0108	0.000419	0.000138	0.0000793	0.113	0.00000202	0.000073	0.000672	0.00155	
2115 Apr	0.000337	0.00103	0.149	0.0000102	1.5	2.85	0.0519	0.000329	5.36	0.00134	0.0109	0.000422	0.000139	0.0000797	0.113	0.00000204	0.0000734	0.000676	0.00156	
2115 May	0.000352	0.00104	0.152	0.0000102	1.53	2.94	0.0547	0.000322	5.46	0.00136	0.0109	0.000448	0.000143	0.0000821	0.117	0.00000203	0.0000734	0.000706	0.00157	
2115 Jun	0.000377	0.00108	0.161	0.0000104	1.6	3.1	0.0591	0.000323	5.71	0.00142	0.0112	0.000486	0.000152	0.0000869	0.123	0.00000209	0.0000755	0.000757	0.00164	
2115 Jul	0.000392	0.00113	0.168	0.000011	1.67	3.24	0.0613	0.000338	5.97	0.00149	0.0118	0.000505	0.000159	0.0000907	0.128	0.0000022	0.000079	0.000786	0.00171	
2115 Aug	0.000373	0.0011	0.162	0.0000108	1.62	3.11	0.0581	0.000334	5.78	0.00145	0.0115	0.000478	0.000151	0.0000875	0.123	0.00000216	0.0000769	0.000743	0.00166	
2115 Sep	0.000367	0.0011	0.16	0.0000108	1.61	3.08	0.057	0.000339	5.75	0.00144	0.0115	0.000466	0.000148	0.0000868	0.122	0.00000216	0.0000768	0.000727	0.00165	
2115 Oct	0.000364	0.00109	0.159	0.0000108	1.6	3.06	0.0564	0.000341	5.73	0.00143	0.0114	0.000461	0.000146	0.0000862	0.122	0.00000216	0.0000768	0.000721	0.00165	
2115 Nov	0.000356	0.00108	0.156	0.0000107	1.58	3.01	0.055	0.000342	5.65	0.00141	0.0113	0.000449	0.000143	0.0000846	0.12	0.00000213	0.0000763	0.000704	0.00162	
2115 Dec	0.000356	0.00108	0.156	0.0000107	1.58	3.01	0.055	0.000342	5.65	0.00141	0.0113	0.000448	0.000143	0.0000845	0.12	0.00000213	0.0000763	0.000704	0.00162	

Appendix C.2-3: B6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2116 Jan	0.000356	0.00108	0.156	0.0000107	1.58	3.01	0.055	0.000342	5.65	0.00141	0.0113	0.000448	0.000143	0.0000845	0.12	0.00000213	0.0000763	0.000704	0.00162	
2116 Feb	0.000356	0.00108	0.156	0.0000107	1.58	3.01	0.055	0.000343	5.65	0.00141	0.0113	0.000449	0.000143	0.0000846	0.12	0.00000213	0.0000764	0.000704	0.00162	
2116 Mar	0.000357	0.00108	0.156	0.0000107	1.58	3.01	0.0551	0.000343	5.66	0.00141	0.0114	0.000449	0.000143	0.0000847	0.12	0.00000214	0.0000764	0.000705	0.00162	
2116 Apr	0.000359	0.00109	0.157	0.0000107	1.59	3.03	0.0554	0.000345	5.69	0.00142	0.0114	0.000452	0.000144	0.0000851	0.121	0.00000215	0.0000769	0.000709	0.00163	
2116 May	0.000373	0.0011	0.161	0.0000108	1.62	3.11	0.0579	0.000341	5.8	0.00145	0.0115	0.000474	0.000148	0.0000874	0.124	0.00000216	0.0000773	0.000737	0.00165	
2116 Jun	0.00037	0.00103	0.156	0.00000997	1.54	3.01	0.0584	0.000296	5.5	0.00138	0.0107	0.000484	0.00015	0.000085	0.119	0.00000199	0.0000712	0.000742	0.00158	
2116 Jul	0.000383	0.00108	0.163	0.0000105	1.61	3.13	0.0606	0.000308	5.73	0.00144	0.0112	0.000501	0.000159	0.0000886	0.124	0.0000021	0.0000745	0.000775	0.00167	
2116 Aug	0.000397	0.00112	0.169	0.000011	1.68	3.25	0.0627	0.000323	5.97	0.0015	0.0117	0.000518	0.000165	0.0000921	0.129	0.0000022	0.0000777	0.000802	0.00174	
2116 Sep	0.000375	0.00109	0.161	0.0000107	1.61	3.1	0.0587	0.000325	5.74	0.00144	0.0113	0.000482	0.000154	0.0000876	0.123	0.00000213	0.0000758	0.000752	0.00167	
2116 Oct	0.000351	0.00105	0.153	0.0000103	1.54	2.94	0.0543	0.00033	5.5	0.00138	0.011	0.000443	0.000142	0.0000826	0.117	0.00000206	0.0000743	0.000701	0.00159	
2116 Nov	0.000349	0.00105	0.152	0.0000103	1.54	2.93	0.0539	0.000333	5.49	0.00137	0.011	0.000439	0.000141	0.0000822	0.117	0.00000206	0.0000744	0.000696	0.00159	
2116 Dec	0.000349	0.00105	0.152	0.0000103	1.54	2.94	0.0539	0.000333	5.49	0.00137	0.011	0.00044	0.000141	0.0000822	0.117	0.00000206	0.0000744	0.000696	0.00159	
2117 Jan	0.000349	0.00105	0.152	0.0000103	1.54	2.94	0.0539	0.000333	5.49	0.00137	0.011	0.00044	0.000141	0.0000822	0.117	0.00000207	0.0000745	0.000697	0.00159	
2117 Feb	0.000349	0.00105	0.152	0.0000103	1.54	2.94	0.054	0.000333	5.49	0.00137	0.011	0.00044	0.000141	0.0000822	0.117	0.00000207	0.0000745	0.000697	0.00159	
2117 Mar	0.000349	0.00105	0.152	0.0000103	1.54	2.94	0.054	0.000333	5.5	0.00137	0.0111	0.00044	0.000141	0.0000823	0.117	0.00000207	0.0000745	0.000697	0.00159	
2117 Apr	0.000352	0.00106	0.154	0.0000104	1.55	2.96	0.0544	0.000335	5.54	0.00138	0.0111	0.000443	0.000142	0.0000829	0.118	0.00000208	0.0000751	0.000702	0.0016	
2117 May	0.000365	0.00108	0.158	0.0000105	1.58	3.04	0.0567	0.000334	5.66	0.00141	0.0113	0.000464	0.000147	0.0000853	0.121	0.0000021	0.0000758	0.000729	0.00162	
2117 Jun	0.000383	0.00109	0.163	0.0000105	1.62	3.15	0.0602	0.000325	5.78	0.00144	0.0113	0.000496	0.000154	0.0000883	0.125	0.00000211	0.000076	0.000769	0.00165	
2117 Jul	0.000401	0.00115	0.171	0.0000111	1.7	3.3	0.063	0.000341	6.07	0.00152	0.0119	0.000519	0.000162	0.0000927	0.131	0.00000223	0.0000799	0.000805	0.00174	
2117 Aug	0.000408	0.00117	0.174	0.0000114	1.74	3.36	0.0638	0.000351	6.21	0.00155	0.0122	0.000525	0.000165	0.0000946	0.133	0.00000229	0.0000819	0.000816	0.00178	
2117 Sep	0.000408	0.00118	0.175	0.0000115	1.75	3.38	0.0638	0.000358	6.25	0.00156	0.0123	0.000524	0.000165	0.000095	0.134	0.00000231	0.0000827	0.000815	0.00179	
2117 Oct	0.000398	0.00117	0.172	0.0000114	1.72	3.31	0.062	0.000359	6.15	0.00153	0.0122	0.000508	0.00016	0.0000929	0.132	0.00000228	0.000082	0.000794	0.00176	
2117 Nov	0.000394	0.00116	0.17	0.0000113	1.71	3.29	0.0613	0.00036	6.11	0.00152	0.0121	0.000502	0.000158	0.0000921	0.131	0.00000227	0.0000818	0.000786	0.00175	
2117 Dec	0.000394	0.00116	0.17	0.0000113	1.71	3.29	0.0613	0.00036	6.11	0.00152	0.0121	0.000502	0.000158	0.0000921	0.131	0.00000227	0.0000818	0.000786	0.00175	
2118 Jan	0.000394	0.00116	0.17	0.0000113	1.71	3.29	0.0613	0.00036	6.11	0.00152	0.0122	0.000502	0.000158	0.0000921	0.131	0.00000227	0.0000818	0.000786	0.00175	
2118 Feb	0.000394	0.00116	0.17	0.0000113	1.71	3.29	0.0613	0.00036	6.11	0.00152	0.0122	0.000502	0.000158	0.0000921	0.131	0.00000227	0.0000818	0.000786	0.00175	
2118 Mar	0.000395	0.00116	0.17	0.0000114	1.71	3.29	0.0613	0.00036	6.11	0.00153	0.0122	0.000502	0.000158	0.0000922	0.131	0.00000227	0.0000818	0.000786	0.00175	
2118 Apr	0.000398	0.00117	0.172	0.0000114	1.72	3.31	0.0619	0.000362	6.16	0.00153	0.0122	0.000506	0.000159	0.0000927	0.132	0.00000228	0.0000822	0.000793	0.00176	
2118 May	0.000415	0.00117	0.175	0.0000112	1.74	3.39	0.0654	0.000345	6.21	0.00154	0.012	0.000535	0.000163	0.0000946	0.134	0.00000223	0.0000809	0.000827	0.00174	
2118 Jun	0.000411	0.0011	0.17	0.0000104	1.67	3.3	0.0655	0.000307	5.95	0.00148	0.0113	0.000542	0.000162	0.0000922	0.13	0.00000209	0.0000754	0.000825	0.00167	
2118 Jul	0.000434	0.00117	0.18	0.0000111	1.76	3.48	0.069	0.000325	6.29	0.00156	0.012	0.000571	0.000173	0.0000975	0.138	0.00000222	0.0000799	0.000872	0.00177	
2118 Aug	0.000422	0.00116	0.176	0.0000111	1.74	3.41	0.067	0.000328	6.21	0.00155	0.0119	0.000552	0.000168	0.000096	0.135	0.00000222	0.0000793	0.000844	0.00175	
2118 Sep	0.000386	0.00109	0.163	0.0000106	1.63	3.17	0.0606	0.000328	5.83	0.00145	0.0113	0.000496	0.000152	0.0000888	0.126	0.00000211	0.000076	0.000766	0.00164	
2118 Oct	0.000365	0.00106	0.156	0.0000103	1.57	3.03	0.0568	0.000331	5.61	0.00139	0.011	0.000462	0.000142	0.0000844	0.12	0.00000205	0.0000745	0.000721	0.00157	
2118 Nov	0.00036	0.00105	0.154	0.0000102	1.55	2.99	0.0559	0.000332	5.56	0.00138	0.011	0.000454	0.00014	0.0000833	0.119	0.00000204	0.0000742	0.00071	0.00156	
2118 Dec	0.00036	0.00105	0.154	0.0000102	1.55	2.99	0.0559	0.000332	5.56	0.00138	0.011	0.000454	0.00014	0.0000833	0.119	0.00000204	0.0000742	0.00071	0.00156	
2119 Jan	0.00036	0.00105	0.154	0.0000102	1.55	2.99	0.0559	0.000332	5.56	0.00138	0.011	0.000454	0.00014	0.0000833	0.119	0.00000204	0.0000742	0.000711	0.00156	
2119 Feb	0.00036	0.00105	0.154	0.0000102	1.55	3	0.0559	0.000332	5.56	0.00138	0.011	0.000454	0.00014	0.0000834	0.119	0.00000204	0.0000743	0.000711	0.00156	
2119 Mar	0.000361	0.00106	0.155	0.0000102	1.56	3	0.056	0.000333	5.58	0.00138	0.011	0.000455	0.00014	0.0000835	0.119	0.00000204	0.0000744	0.000712	0.00156	
2119 Apr	0.000371	0.00107	0.158	0.0000103	1.58	3.07	0.0578	0.000335	5.68	0.0014	0.0111	0.000463	0.000142	0.0000847	0.122	0.00000206	0.0000753	0.00073	0.00158	
2119 May	0.000411	0.00109	0.167	0.00000999	1.64	3.28	0.0653	0.000314	5.91	0.00144	0.0109	0.000504	0.000148	0.0000873	0.13	0.000002	0.0000741	0.000801	0.00155	
2119 Jun	0.000406	0.00106	0.165	0.00000984	1.62	3.23	0.0647	0.000301	5.8	0.00142	0.0107	0.000503	0.00015	0.0000864	0.127	0.00000197	0.0000724	0.000799	0.00155	
2119 Jul	0.000424	0.00112	0.173	0.0000104	1.7	3.38	0.0676	0.000315	6.08	0.00149	0.0113	0.000525	0.00016	0.0000907	0.134	0.00000208	0.0000763	0.000839	0.00165	
2119 Aug	0.000427	0.00114	0.175	0.0000107	1.73	3.42	0.0678	0.000327	6.18	0.00152	0.0116	0.000526	0.000161	0.0000921	0.135	0.00000214	0.0000779	0.000841	0.00168	
2119 Sep	0.000406	0.00111	0.168	0.0000105	1.67	3.29	0.0643	0.000328	5.99	0.00147	0.0113	0.000496	0.000152	0.0000886	0.13	0.00000209	0.0000763	0.000797	0.00162	
2119 Oct	0.000388	0.00108	0.162	0.0000102	1.62	3.17	0.0611	0.00033	5.8	0.00142	0.0111	0.000469	0.000144	0.0000851	0.126	0.00000205	0.000075	0.00076	0.00157	
2119 Nov	0.000381	0.00107	0.159	0.0000101	1.59	3.12	0.0598	0.00033	5.72	0.0014	0.011	0.000459	0.000141	0.0000836	0.124	0.00000202	0.0000744	0.000745	0.00155	
2119 Dec	0.000381	0.00107	0.16	0.0000101	1.59	3.12	0.0598	0.00033	5.73	0.0014	0.011	0.000459	0.000141	0.0000837	0.124	0.00000203	0.0000745	0.000745	0.00155	

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	25.6	0.00845	0.00417	0.000382	4.85	0.00797	1.8	0.000382	0.000382	0.00000191	0.00258	0.00067	0.0033	0.00903	0.00000191	7.52	0.00000803	0.000117
Operation (2024-2031): Mean	37.5	0.038	0.00743	0.000635	8.64	0.0191	3.11	0.000635	0.000635	0.00000318	0.0045	0.000829	0.00623	0.0152	0.00000318	12.8	0.0000109	0.000175
Operation (2024-2031): Max	60.7	0.0716	0.0129	0.00105	13.5	0.0342	4.77	0.00105	0.00105	0.00000524	0.00732	0.00136	0.01	0.025	0.00000524	20.7	0.0000192	0.000294
Active Closure (2032-2038): Min	28.3	0.0223	0.00462	0.000675	5.59	0.0176	2.02	0.000675	0.000675	0.00000338	0.00501	0.000665	0.00684	0.0097	0.00000338	8.42	0.0000109	0.000142
Active Closure (2032-2038): Mean	45.5	0.0438	0.00946	0.000899	10.3	0.0249	3.69	0.000867	0.000867	0.00000434	0.00619	0.000995	0.00882	0.0171	0.00000434	14.6	0.0000156	0.000214
Active Closure (2032-2038): Max	55.2	0.0818	0.0242	0.00156	17.2	0.036	5.72	0.00104	0.00104	0.00000523	0.007	0.00119	0.0113	0.0211	0.00000525	17.7	0.0000183	0.00026
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	52.1	0.0392	0.0205	0.00133	16.4	0.0287	5.44	0.00095	0.00095	0.00000482	0.0051	0.000795	0.0108	0.0149	0.00000484	13	0.0000126	0.00018
Post Closure (2039-2119): Mean	68.1	0.0508	0.0265	0.00172	20.7	0.0352	7.21	0.00119	0.00119	0.00000602	0.00646	0.00109	0.0143	0.0204	0.00000604	17.6	0.0000162	0.000248
Post Closure (2039-2119): Max	89.7	0.0687	0.0325	0.00217	26.8	0.0444	9.51	0.00148	0.00148	0.0000075	0.00829	0.00148	0.0185	0.0279	0.00000753	23.9	0.0000209	0.000336
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan	32.7	0.0253	0.00813	0.000382	7.66	0.00797	2.62	0.000382	0.000382	0.00000191	0.00258	0.00067	0.0033	0.015	0.00000191	12.1	0.00000803	0.000163
2024 Feb	32.7	0.0253	0.00813	0.000382	7.66	0.00797	2.62	0.000382	0.000382	0.00000191	0.00258	0.00067	0.0033	0.015	0.00000191	12.1	0.00000803	0.000163
2024 Mar	32.7	0.0253	0.00813	0.000383	7.67	0.00798	2.63	0.000383	0.000383	0.00000191	0.00258	0.000671	0.00331	0.015	0.00000191	12.1	0.00000804	0.000163
2024 Apr	32.7	0.0253	0.00814	0.000383	7.68	0.00799	2.63	0.000383	0.000383	0.00000192	0.00258	0.000672	0.00331	0.015	0.00000192	12.1	0.00000805	0.000163
2024 May	33.1	0.0257	0.00824	0.000388	7.77	0.0081	2.66	0.000388	0.000388	0.00000194	0.00262	0.00068	0.00336	0.0152	0.00000194	12.3	0.00000815	0.000165
2024 Jun	33.2	0.0258	0.00823	0.000394	7.78	0.00833	2.67	0.000394	0.000394	0.00000197	0.00266	0.000683	0.00342	0.0152	0.00000197	12.3	0.00000823	0.000166
2024 Jul	34.5	0.0268	0.00853	0.000409	8.07	0.00865	2.77	0.000409	0.000409	0.00000205	0.00276	0.000709	0.00355	0.0158	0.00000205	12.7	0.00000854	0.000172
2024 Aug	35.3	0.0274	0.00873	0.000419	8.26	0.00885	2.83	0.000419	0.000419	0.00000209	0.00283	0.000725	0.00364	0.0161	0.00000209	13	0.00000874	0.000176
2024 Sep	35.1	0.0273	0.00868	0.000417	8.22	0.00881	2.82	0.000417	0.000417	0.00000208	0.00281	0.000722	0.00362	0.0161	0.00000208	13	0.00000869	0.000175
2024 Oct	35.1	0.0273	0.00869	0.000417	8.23	0.00882	2.82	0.000417	0.000417	0.00000208	0.00281	0.000722	0.00362	0.0161	0.00000208	13	0.0000087	0.000175
2024 Nov	35.2	0.0274	0.0087	0.000417	8.24	0.00883	2.82	0.000417	0.000417	0.00000209	0.00282	0.000723	0.00363	0.0161	0.00000209	13	0.00000871	0.000175
2024 Dec	35.2	0.0274	0.00871	0.000418	8.24	0.00884	2.83	0.000418	0.000418	0.00000209	0.00282	0.000724	0.00363	0.0161	0.00000209	13	0.00000872	0.000176
2025 Jan	35.2	0.0274	0.00871	0.000418	8.24	0.00884	2.83	0.000418	0.000418	0.00000209	0.00282	0.000724	0.00363	0.0161	0.00000209	13	0.00000872	0.000176
2025 Feb	35.2	0.0274	0.00871	0.000418	8.24	0.00884	2.83	0.000418	0.000418	0.00000209	0.00282	0.000724	0.00363	0.0161	0.00000209	13	0.00000872	0.000176
2025 Mar	35.2	0.0274	0.00871	0.000418	8.24	0.00884	2.83	0.000418	0.000418	0.00000209	0.00282	0.000724	0.00363	0.0161	0.00000209	13	0.00000872	0.000176
2025 Apr	35.2	0.0274	0.00871	0.000418	8.25	0.00884	2.83	0.000418	0.000418	0.00000209	0.00282	0.000724	0.00363	0.0161	0.00000209	13	0.00000872	0.000176
2025 May	35.6	0.0277	0.00882	0.000423	8.35	0.00895	2.86	0.000423	0.000423	0.00000212	0.00286	0.000733	0.00368	0.0163	0.00000212	13.2	0.00000883	0.000178
2025 Jun	36	0.028	0.00889	0.00043	8.42	0.00914	2.89	0.00043	0.00043	0.00000215	0.0029	0.000741	0.00374	0.0164	0.00000215	13.3	0.00000895	0.000179
2025 Jul	36.3	0.0283	0.00892	0.000438	8.48	0.0094	2.91	0.000438	0.000438	0.00000219	0.00296	0.000748	0.00383	0.0165	0.00000219	13.3	0.00000908	0.000181
2025 Aug	37.5	0.0293	0.00922	0.000452	8.76	0.00971	3.01	0.000452	0.000452	0.00000226	0.00306	0.000773	0.00396	0.0171	0.00000226	13.8	0.00000938	0.000187
2025 Sep	37.6	0.0293	0.00924	0.000454	8.78	0.00974	3.02	0.000454	0.000454	0.00000227	0.00307	0.000775	0.00397	0.0171	0.00000227	13.8	0.00000941	0.000187
2025 Oct	37.1	0.029	0.00913	0.000449	8.68	0.00966	2.98	0.000449	0.000449	0.00000225	0.00304	0.000766	0.00393	0.0169	0.00000225	13.7	0.00000931	0.000185
2025 Nov	36.9	0.0289	0.00907	0.000447	8.63	0.00964	2.96	0.000447	0.000447	0.00000224	0.00303	0.000762	0.00392	0.0168	0.00000224	13.6	0.00000926	0.000184
2025 Dec	36.9	0.0289	0.00907	0.000448	8.63	0.00964	2.96	0.000448	0.000448	0.00000224	0.00303	0.000762	0.00392	0.0168	0.00000224	13.6	0.00000927	0.000184
2026 Jan	36.9	0.0289	0.00907	0.000448	8.63	0.00964	2.96	0.000448	0.000448	0.00000224	0.00303	0.000762	0.00392	0.0168	0.00000224	13.6	0.00000927	0.000184
2026 Feb	36.9	0.0289	0.00907	0.000448	8.63	0.00964	2.96	0.000448	0.000448	0.00000224	0.00303	0.000762	0.00392	0.0168	0.00000224	13.6	0.00000927	0.000184
2026 Mar	36.9	0.0289	0.00907	0.000448	8.63	0.00965	2.96	0.000448	0.000448	0.00000224	0.00303	0.000762	0.00392	0.0168	0.00000224	13.6	0.00000927	0.000184
2026 Apr	37	0.029	0.0091	0.000449	8.65	0.00967	2.97	0.000449	0.000449	0.00000224	0.00304	0.000764	0.00393	0.0169	0.00000224	13.6	0.0000093	0.000185
2026 May	37.4	0.0292	0.00918	0.000453	8.74	0.00976	3	0.000453	0.000453	0.00000227	0.00307	0.000771	0.00397	0.017	0.00000227	13.8	0.00000938	0.000186
2026 Jun	37.4	0.0293	0.00915	0.000459	8.73	0.01	3	0.000459	0.000459	0.0000023	0.00312	0.000774	0.00405	0.017	0.0000023	13.7	0.00000947	0.000186
2026 Jul	38.5	0.0302	0.00942	0.000475	8.99	0.0104	3.09	0.000475	0.000475	0.00000237	0.00322	0.000797	0.00419	0.0175	0.00000237	14.1	0.00000978	0.000192
2026 Aug	39.3	0.0309	0.00961	0.000485	9.18	0.0106	3.15	0.000485	0.000485	0.00000242	0.00329	0.000814	0.00427	0.0178	0.00000242	14.4	0.00000998	0.000196
2026 Sep	39.8	0.0312	0.00972	0.00049	9.29	0.0107	3.19	0.00049	0.00049	0.00000245	0.00333	0.000823	0.00432	0.018	0.00000245	14.6	0.0000101	0.000198
2026 Oct	39.5	0.031	0.00965	0.000487	9.22	0.0106	3.17	0.000487	0.000487	0.00000243	0.0033	0.000818	0.00429	0.0179	0.00000243	14.5	0.00001	0.000197
2026 Nov	39.6	0.0311	0.00968	0.000488	9.25	0.0107	3.18	0.000488	0.000488	0.00000244	0.00331	0.00082	0.0043	0.018	0.00000244	14.5	0.0000101	0.000197
2026 Dec	39.6	0.0311	0.00968	0.000488	9.25	0.0107	3.18	0.000488	0.000488	0.00000244	0.00331	0.00082	0.00431	0.018	0.00000244	14.5	0.0000101	0.000197
2027 Jan	39.6	0.0311	0.00968	0.000488	9.25	0.0107	3.18	0.000488	0.000488	0.00000244	0.00331	0.00082	0.00431	0.018	0.00000244	14.5	0.0000101	0.000197
2027 Feb	39.6	0.0311	0.00968	0.000488	9.25	0.0107	3.18	0.000488	0.000488	0.00000244	0.00331	0.00082	0.00431	0.018	0.00000244	14.5	0.0000101	0.000197
2027 Mar	39.7	0.0311	0.00969	0.000489	9.25	0.0107	3.18	0.000489	0.000489	0.00000244	0.00331	0.000821	0.00431	0.018	0.00000244	14.5	0.0000101	0.000197
2027 Apr	39.8	0.0312	0.00973	0.00049	9.29	0.0107	3.19	0.00049	0.00049	0.00000245	0.00333	0.000824	0.00432	0.0181	0.00000245	14.6	0.0000101	0.000198
2027 May	40.3	0.0316	0.00985	0.000497	9.41	0.0108	3.23	0.000497	0.000497	0.00000248	0.00337	0.000834	0.00438	0.0183	0.00000248	14.8	0.0000102	0.000201
2027 Jun	39.3	0.0309	0.00961	0.000484	9.18	0.0106	3.15	0.000484	0.000484	0.00000242	0.00329	0.000814	0.00427	0.0178	0.00000242	14.4	0.00000998	0.000196
2027 Jul	40.2	0.0315	0.00981	0.000495	9.37	0.0108	3.22	0.000495	0.000495	0.00000247	0.00336	0.000831	0.00436	0.0182	0.00000247	14.7	0.0000102	0.0002
2027 Aug	42.9	0.0337	0.0104	0.000531	10	0.0117	3.44	0.000531	0.000531	0.00000266	0.0036	0.000889	0.00471	0.0194	0.00000266	15.7	0.0000108	0.000213
2027 Sep	42.8	0.0375	0.00999	0.000554	10.1	0.0137	3.49	0.000554	0.000554	0.00000277	0.00383	0.000891	0.00511	0.019	0.00000277	15.5	0.0000109	0.00021
2027 Oct	41.8	0.0473	0.00868	0.000595	9.98	0.0178	3.57	0.000595	0.000595	0.00000297	0.00436	0.000878	0.00586	0.0177	0.00000297	14.8	0.0000109	0.000197
2027 Nov	42.5	0.0519	0.00842	0.000623	10.2	0.0198	3.68	0.000623	0.000623	0.00000312	0.00465	0.000895	0.00627	0.0177	0.00000312	14.8	0.0000112	0.000197
2027 Dec	42.5	0.0522	0.00838	0.000625	10.2	0.0199	3.68	0.000625	0.000625	0.00000312	0.00467	0.000895	0.0063	0.0177	0.00000312	14.8	0.0000112	0.000197
2028 Jan	42.5	0.0522	0.00838	0.000625	10.2	0.0199	3.68	0.000625	0.000625	0.00000312	0.00467	0.000895	0.0063	0.0177	0.00000312	14.8	0.0000112	0.000197
2028 Feb	42.5	0.0522	0.00839	0.000625	10.2	0.0199	3.69	0.000625	0.000625	0.00000313	0.00467	0.000895	0.0063	0.0177	0.00000313	14.8	0.0000112	0.000197
2028 Mar	42.6	0.0523	0.0084	0.000626	10.2	0.0199	3.69	0.000626	0.000626	0.00000313	0.00468	0.000896	0.00631	0.0177	0.00000313	14.8	0.0000112	0.000198

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Apr	43.7	0.0537	0.00862	0.000643	10.5	0.0205	3.79	0.000643	0.000643	0.00000321	0.0048	0.00092	0.00647	0.0182	0.00000321	15.2	0.0000115	0.000203
2028 May	48.7	0.0598	0.0096	0.000716	11.7	0.0228	4.22	0.000716	0.000716	0.00000358	0.00535	0.00102	0.00721	0.0202	0.00000358	17	0.0000129	0.000226
2028 Jun	35.6	0.0265	0.007	0.000763	7.16	0.0183	2.53	0.000763	0.000763	0.00000381	0.00569	0.000806	0.00764	0.0129	0.00000381	11	0.000016	0.000182
2028 Jul	32.5	0.0125	0.00623	0.000865	5.78	0.0196	2.03	0.000865	0.000865	0.00000432	0.00621	0.0008	0.00844	0.0109	0.00000432	9.29	0.0000177	0.00017
2028 Aug	34.4	0.0143	0.00644	0.000912	6.31	0.0221	2.23	0.000912	0.000912	0.00000456	0.0064	0.000855	0.00897	0.0116	0.00000456	9.95	0.0000174	0.000176
2028 Sep	33.5	0.027	0.0056	0.000835	6.71	0.0236	2.45	0.000835	0.000835	0.00000418	0.00604	0.00081	0.00854	0.0113	0.00000418	9.87	0.0000151	0.000163
2028 Oct	34.2	0.0587	0.00417	0.000733	8.06	0.028	3.11	0.000733	0.000733	0.00000366	0.00585	0.000772	0.00812	0.0115	0.00000366	10.4	0.0000119	0.000145
2028 Nov	36.6	0.0655	0.00433	0.000775	8.73	0.0303	3.38	0.000775	0.000775	0.00000387	0.00624	0.000822	0.00864	0.0123	0.00000387	11.2	0.0000125	0.000154
2028 Dec	36.8	0.0658	0.00435	0.000778	8.77	0.0305	3.4	0.000778	0.000778	0.00000389	0.00627	0.000826	0.00868	0.0124	0.00000389	11.3	0.0000125	0.000154
2029 Jan	36.8	0.0658	0.00435	0.000778	8.77	0.0305	3.4	0.000778	0.000778	0.00000389	0.00627	0.000826	0.00868	0.0124	0.00000389	11.3	0.0000125	0.000154
2029 Feb	36.8	0.0658	0.00435	0.000778	8.77	0.0305	3.4	0.000778	0.000778	0.00000389	0.00627	0.000826	0.00868	0.0124	0.00000389	11.3	0.0000125	0.000154
2029 Mar	36.8	0.0659	0.00436	0.00078	8.78	0.0305	3.41	0.00078	0.00078	0.0000039	0.00628	0.000827	0.0087	0.0124	0.0000039	11.3	0.0000125	0.000155
2029 Apr	37.2	0.0665	0.0044	0.000786	8.86	0.0308	3.44	0.000786	0.000786	0.00000393	0.00634	0.000835	0.00877	0.0125	0.00000393	11.4	0.0000126	0.000156
2029 May	40	0.0716	0.00475	0.000847	9.55	0.0331	3.7	0.000847	0.000847	0.00000424	0.00682	0.000899	0.00945	0.0135	0.00000424	12.3	0.0000136	0.000168
2029 Jun	42.1	0.0571	0.00614	0.000935	9.27	0.0305	3.49	0.000935	0.000935	0.00000468	0.00732	0.000958	0.01	0.0143	0.00000468	12.7	0.000017	0.000193
2029 Jul	25.6	0.00845	0.00451	0.000727	4.85	0.0204	1.8	0.000727	0.000727	0.00000364	0.00467	0.000702	0.00661	0.00903	0.00000364	7.52	0.0000112	0.000117
2029 Aug	30.2	0.0136	0.00492	0.000834	6.31	0.0275	2.36	0.000834	0.000834	0.00000417	0.00495	0.000844	0.00783	0.011	0.00000417	9.22	0.00000953	0.000128
2029 Sep	32.7	0.0267	0.00485	0.000839	7.21	0.0298	2.72	0.000839	0.000839	0.00000419	0.00526	0.000864	0.00839	0.0116	0.00000419	10	0.00000958	0.000137
2029 Oct	33.7	0.0404	0.00453	0.000807	7.74	0.0304	2.96	0.000807	0.000807	0.00000404	0.00547	0.000846	0.00838	0.0118	0.00000404	10.4	0.00000987	0.000138
2029 Nov	33.2	0.0469	0.00421	0.000766	7.81	0.0298	3.01	0.000766	0.000766	0.00000383	0.00542	0.000811	0.00812	0.0115	0.00000383	10.3	0.00000974	0.000135
2029 Dec	33.3	0.047	0.00422	0.000768	7.83	0.0299	3.02	0.000768	0.000768	0.00000384	0.00544	0.000813	0.00814	0.0116	0.00000384	10.3	0.00000977	0.000136
2030 Jan	33.3	0.047	0.00422	0.000768	7.83	0.0299	3.02	0.000768	0.000768	0.00000384	0.00544	0.000813	0.00814	0.0116	0.00000384	10.3	0.00000977	0.000136
2030 Feb	33.3	0.0471	0.00423	0.000768	7.84	0.0299	3.02	0.000768	0.000768	0.00000384	0.00544	0.000814	0.00815	0.0116	0.00000384	10.3	0.00000978	0.000136
2030 Mar	33.5	0.0473	0.00425	0.000772	7.88	0.0301	3.04	0.000772	0.000772	0.00000386	0.00547	0.000818	0.00819	0.0116	0.00000386	10.4	0.00000982	0.000136
2030 Apr	33.9	0.0478	0.00429	0.000781	7.96	0.0304	3.07	0.000781	0.000781	0.0000039	0.00553	0.000827	0.00828	0.0118	0.0000039	10.5	0.00000993	0.000138
2030 May	37.8	0.0534	0.0048	0.000872	8.9	0.034	3.43	0.000872	0.000872	0.00000436	0.00618	0.000923	0.00925	0.0131	0.00000436	11.7	0.0000111	0.000154
2030 Jun	35.6	0.0335	0.00553	0.000893	7.31	0.027	2.71	0.000893	0.000893	0.00000446	0.00647	0.000865	0.00922	0.0119	0.00000446	10.5	0.0000154	0.000167
2030 Jul	32.1	0.0181	0.00547	0.000867	6.16	0.0239	2.26	0.000867	0.000867	0.00000434	0.00597	0.000824	0.00841	0.0109	0.00000434	9.32	0.0000149	0.000153
2030 Aug	33.7	0.0179	0.00554	0.000922	6.82	0.0285	2.55	0.000922	0.000922	0.00000461	0.00588	0.000912	0.00869	0.0119	0.00000461	10.1	0.0000128	0.000149
2030 Sep	35.2	0.022	0.00563	0.000942	7.27	0.03	2.72	0.000942	0.000942	0.00000471	0.00604	0.000938	0.00908	0.0124	0.00000471	10.6	0.0000128	0.000154
2030 Oct	34.1	0.0352	0.00491	0.000849	7.46	0.0293	2.84	0.000849	0.000849	0.00000425	0.0058	0.000865	0.00854	0.0119	0.00000425	10.3	0.0000118	0.000145
2030 Nov	34.4	0.0422	0.00469	0.000826	7.73	0.0297	2.96	0.000826	0.000826	0.00000413	0.00583	0.000852	0.00848	0.0119	0.00000413	10.5	0.0000116	0.000145
2030 Dec	34.5	0.0423	0.0047	0.000828	7.75	0.0298	2.97	0.000828	0.000828	0.00000414	0.00585	0.000854	0.0085	0.0119	0.00000414	10.5	0.0000116	0.000145
2031 Jan	34.5	0.0423	0.0047	0.000828	7.75	0.0298	2.97	0.000828	0.000828	0.00000414	0.00585	0.000854	0.00851	0.0119	0.00000414	10.5	0.0000116	0.000145
2031 Feb	34.5	0.0423	0.0047	0.000828	7.75	0.0298	2.97	0.000828	0.000828	0.00000414	0.00585	0.000854	0.00851	0.0119	0.00000414	10.5	0.0000116	0.000145
2031 Mar	34.5	0.0424	0.00471	0.00083	7.77	0.0298	2.98	0.00083	0.00083	0.00000415	0.00586	0.000856	0.00852	0.012	0.00000415	10.5	0.0000116	0.000145
2031 Apr	35.9	0.044	0.00489	0.000862	8.07	0.031	3.09	0.000862	0.000862	0.00000431	0.00609	0.000889	0.00885	0.0124	0.00000431	10.9	0.0000121	0.000151
2031 May	45.8	0.0524	0.00722	0.000993	10.4	0.0342	3.9	0.000993	0.000993	0.00000497	0.00698	0.0011	0.01	0.0169	0.00000497	14.5	0.0000146	0.000199
2031 Jun	58.8	0.0496	0.0127	0.000954	13.3	0.0251	4.69	0.000954	0.000954	0.00000477	0.00664	0.00129	0.009	0.0246	0.00000477	20.3	0.0000177	0.000285
2031 Jul	60.7	0.0482	0.0129	0.00105	13.5	0.0276	4.77	0.00105	0.00105	0.00000524	0.00724	0.00136	0.00986	0.025	0.00000524	20.7	0.0000192	0.000294
2031 Aug	51.9	0.0404	0.0104	0.000969	11.7	0.0289	4.17	0.000969	0.000969	0.00000485	0.00632	0.00121	0.00933	0.021	0.00000485	17.5	0.0000148	0.000242
2031 Sep	41.9	0.0502	0.0069	0.000812	9.91	0.0293	3.64	0.000812	0.000812	0.00000406	0.00564	0.00096	0.00871	0.0158	0.00000406	13.7	0.0000111	0.000186
2031 Oct	37.2	0.0682	0.00456	0.000726	9.22	0.0303	3.56	0.000726	0.000726	0.00000363	0.00576	0.000825	0.00821	0.0131	0.00000363	11.8	0.0000105	0.000153
2031 Nov	38.2	0.0709	0.00461	0.000745	9.48	0.0312	3.66	0.000745	0.000745	0.00000372	0.00593	0.000845	0.00844	0.0134	0.00000372	12.1	0.0000108	0.000156
2031 Dec	38.3	0.071	0.00462	0.000746	9.5	0.0313	3.67	0.000746	0.000746	0.00000373	0.00595	0.000847	0.00846	0.0134	0.00000373	12.1	0.0000109	0.000157
2032 Jan	38.3	0.071	0.00462	0.000746	9.5	0.0313	3.67	0.000746	0.000746	0.00000373	0.00595	0.000847	0.00846	0.0134	0.00000373	12.1	0.0000109	0.000157
2032 Feb	38.3	0.0711	0.00462	0.000746	9.5	0.0313	3.67	0.000746	0.000746	0.00000373	0.00595	0.000847	0.00846	0.0134	0.00000373	12.1	0.0000109	0.000157
2032 Mar	38.4	0.0712	0.00463	0.000748	9.52	0.0314	3.68	0.000748	0.000748	0.00000374	0.00596	0.000849	0.00848	0.0135	0.00000374	12.2	0.0000109	0.000157
2032 Apr	39.2	0.0728	0.00474	0.000765	9.74	0.0321	3.76	0.000765	0.000765	0.00000383	0.00609	0.000868	0.00867	0.0138	0.00000383	12.4	0.0000111	0.000161
2032 May	44.4	0.0818	0.00544	0.000861	11	0.036	4.25	0.000861	0.000861	0.00000431	0.00685	0.000982	0.00974	0.0156	0.00000431	14.1	0.0000126	0.000182
2032 Jun	39.4	0.0425	0.00671	0.000843	8.42	0.0246	3.08	0.000843	0.000843	0.00000421	0.00641	0.000891	0.00879	0.014	0.00000421	12.2	0.0000161	0.000189
2032 Jul	28.3	0.0223	0.00504	0.000675	5.59	0.0176	2.02	0.000675	0.000675	0.00000338	0.00501	0.000665	0.00684	0.0097	0.00000338	8.42	0.0000133	0.000142
2032 Aug	30.5	0.0241	0.00536	0.000729	6.11	0.0197	2.21	0.000729	0.000729	0.00000365	0.00532	0.000723	0.00744	0.0105	0.00000365	9.12	0.0000138	0.000151
2032 Sep	32.8	0.0264	0.00571	0.000781	6.61	0.0214	2.39	0.000781	0.000781	0.0000039	0.00568	0.000776	0.00802	0.0113	0.0000039	9.81	0.0000145	0.000161
2032 Oct	33.7	0.0279	0.00584	0.000802	6.83	0.0222	2.47	0.000802	0.000802	0.00000401	0.00585	0.000797	0.00824	0.0116	0.00000401	10.1	0.0000149	0.000166
2032 Nov	33.8	0.0284	0.00584	0.000803	6.87	0.0223	2.49	0.000803	0.000803	0.00000402	0.00587	0.0008	0.00827	0.0116	0.00000402	10.1	0.0000149	0.000166
2032 Dec	33.5	0.0285	0.00576	0.000795	6.82	0.0222	2.47	0.000795	0.000795	0.00000397	0.00581	0.000792	0.00819	0.0115	0.00000397	10.1	0.0000147	0.000164
2033 Jan	33.5	0.0285	0.00577	0.000795	6.82	0.0222	2.47	0.000795	0.000795	0.00000397	0.00581	0.000792	0.00819	0.0115	0.00000397	10.1	0.0000147	0.000164
2033 Feb	33.5	0.0286	0.00577	0.000795	6.83	0.0222	2.48	0.000795	0.000795	0.00000398	0.00581	0.000792	0.00819	0.0115	0.00000398	10.1	0.0000147	0.000164
2033 Mar	33.7	0.0287	0.00579	0.000798	6.85	0.0223	2.49	0.000798	0.000798	0.00000399	0.00584	0.000795	0.00822	0.0116	0.00000399	10.1	0.0000148	0.000165
2033 Apr	34.3	0.0292	0.0059	0.000814	6.98	0.0227	2.53	0.000814	0.000814	0.00000407	0.00595	0.000811	0.00838	0.0118	0.00000407	10.3	0.0000151	0.000168
2033 May	39.5	0.033	0.00733	0.000852	8.25	0.0232	2.96	0.000852	0.000852	0.00000426	0.00618	0.000911	0.00864	0.0144	0.00000426	12.3	0.000016	0.000194
2033 Jun	38.8	0.0311	0.0079	0.000739	8.33	0.0191	2.95	0.000739	0.000739	0.0000037	0.00531	0.00087	0.0073	0.0151	0.0000037	12.7	0.0000143	0.000193
2033 Jul	42.1	0.0334	0.00856	0.000809	9.02	0.0209	3.19	0.000809	0.000809	0.00000404	0.00579	0.000947	0.00798	0.0164	0.00000404	13.8	0.0000156	0.000209
2033 Aug	48.4	0.0383	0.00982	0.000933	10.4	0.0242	3.67	0.000933	0.000933	0.00000466	0.00666	0.00109	0.00919	0.0188	0.00000466	15.8	0.0000178	0.000239
2033 Sep	46.7	0.0387	0.00931	0.000901	10.1	0.024	3.58	0.000901	0.000901	0.00000451	0.00645	0.00105	0.00896	0.0181	0.00000451	15.2	0.000017	0.00023
2033 Oct	40.8	0.0378	0.00784	0.000788	8.91	0.022	3.19	0.000788	0.000788	0.00000394	0.00571	0.000916	0.00793	0.0156	0.00000394	13.3	0.0000146	0.000198

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Nov	40.8	0.0383	0.0078	0.000788	8.93	0.0222	3.2	0.000788	0.000788	0.00000394	0.00572	0.000916	0.00794	0.0156	0.00000394	13.3	0.0000146	0.000197
2033 Dec	40.8	0.0384	0.0078	0.000789	8.93	0.0222	3.21	0.000789	0.000789	0.00000394	0.00573	0.000917	0.00795	0.0156	0.00000394	13.3	0.0000146	0.000197
2034 Jan	40.8	0.0384	0.00781	0.000789	8.93	0.0222	3.21	0.000789	0.000789	0.00000394	0.00573	0.000917	0.00795	0.0156	0.00000394	13.3	0.0000146	0.000197
2034 Feb	40.8	0.0384	0.00781	0.000789	8.94	0.0222	3.21	0.000789	0.000789	0.00000394	0.00573	0.000917	0.00795	0.0156	0.00000394	13.3	0.0000146	0.000197
2034 Mar	40.9	0.0384	0.00781	0.00079	8.94	0.0222	3.21	0.00079	0.00079	0.00000395	0.00574	0.000918	0.00796	0.0156	0.00000395	13.3	0.0000146	0.000198
2034 Apr	41.3	0.0389	0.0079	0.000799	9.05	0.0225	3.25	0.000799	0.000799	0.00000399	0.0058	0.000929	0.00805	0.0158	0.00000399	13.4	0.0000148	0.0002
2034 May	43.8	0.0409	0.00844	0.000836	9.6	0.0234	3.44	0.000836	0.000836	0.00000418	0.00607	0.000981	0.00841	0.0168	0.00000418	14.3	0.0000155	0.000212
2034 Jun	44.7	0.0402	0.00901	0.000808	9.87	0.0219	3.51	0.000808	0.000808	0.00000404	0.00582	0.000989	0.008	0.0177	0.00000404	14.8	0.0000153	0.000218
2034 Jul	46.2	0.0412	0.00931	0.000842	10.2	0.0228	3.62	0.000842	0.000842	0.00000421	0.00605	0.00103	0.00833	0.0182	0.00000421	15.3	0.0000158	0.000225
2034 Aug	53.5	0.0476	0.0108	0.000975	11.8	0.0265	4.19	0.000975	0.000975	0.00000488	0.007	0.00119	0.00965	0.0211	0.00000488	17.7	0.0000183	0.00026
2034 Sep	51.9	0.0476	0.0103	0.000948	11.5	0.0262	4.09	0.000948	0.000948	0.00000474	0.00683	0.00115	0.00942	0.0204	0.00000474	17.2	0.0000177	0.000251
2034 Oct	48.1	0.0461	0.00942	0.00088	10.7	0.0248	3.83	0.00088	0.00088	0.0000044	0.00638	0.00107	0.0088	0.0188	0.0000044	15.9	0.0000163	0.000232
2034 Nov	48.4	0.0464	0.00947	0.000885	10.7	0.025	3.85	0.000885	0.000885	0.00000443	0.00642	0.00107	0.00885	0.0189	0.00000443	16	0.0000164	0.000233
2034 Dec	48.4	0.0465	0.00947	0.000886	10.8	0.025	3.85	0.000886	0.000886	0.00000443	0.00643	0.00107	0.00886	0.019	0.00000443	16	0.0000164	0.000233
2035 Jan	48.4	0.0465	0.00947	0.000886	10.8	0.025	3.85	0.000886	0.000886	0.00000443	0.00643	0.00107	0.00886	0.019	0.00000443	16	0.0000164	0.000233
2035 Feb	48.4	0.0465	0.00948	0.000886	10.8	0.025	3.85	0.000886	0.000886	0.00000443	0.00643	0.00107	0.00886	0.019	0.00000443	16	0.0000164	0.000233
2035 Mar	48.4	0.0465	0.00948	0.000887	10.8	0.025	3.86	0.000887	0.000887	0.00000443	0.00643	0.00108	0.00887	0.019	0.00000443	16	0.0000164	0.000233
2035 Apr	48.9	0.0469	0.00956	0.000895	10.9	0.0252	3.89	0.000895	0.000895	0.00000447	0.00649	0.00108	0.00894	0.0191	0.00000447	16.2	0.0000166	0.000235
2035 May	51.1	0.049	0.01	0.000934	11.4	0.0263	4.07	0.000934	0.000934	0.00000467	0.00677	0.00113	0.00933	0.02	0.00000467	16.9	0.0000173	0.000246
2035 Jun	47.5	0.044	0.0095	0.000858	10.5	0.0236	3.75	0.000858	0.000858	0.00000429	0.00621	0.00105	0.00851	0.0187	0.00000429	15.8	0.0000162	0.00023
2035 Jul	48.4	0.0444	0.00968	0.00088	10.7	0.0241	3.81	0.00088	0.00088	0.0000044	0.00637	0.00107	0.00873	0.0191	0.0000044	16	0.0000166	0.000235
2035 Aug	51	0.0468	0.0102	0.000929	11.3	0.0255	4.02	0.000929	0.000929	0.00000465	0.00671	0.00113	0.00923	0.0201	0.00000465	16.9	0.0000174	0.000248
2035 Sep	47.7	0.0445	0.00944	0.000871	10.6	0.0242	3.77	0.000871	0.000871	0.00000436	0.00629	0.00106	0.0087	0.0187	0.00000436	15.8	0.0000162	0.000231
2035 Oct	46.6	0.0441	0.00918	0.000852	10.3	0.0239	3.7	0.000852	0.000852	0.00000426	0.00617	0.00103	0.00852	0.0183	0.00000426	15.4	0.0000158	0.000225
2035 Nov	45.4	0.0433	0.00892	0.000831	10.1	0.0234	3.61	0.000831	0.000831	0.00000416	0.00602	0.00101	0.00832	0.0178	0.00000416	15	0.0000154	0.000219
2035 Dec	45.5	0.0434	0.00892	0.000832	10.1	0.0234	3.61	0.000832	0.000832	0.00000416	0.00603	0.00101	0.00833	0.0178	0.00000416	15	0.0000154	0.000219
2036 Jan	45.5	0.0434	0.00892	0.000832	10.1	0.0234	3.61	0.000832	0.000832	0.00000416	0.00603	0.00101	0.00833	0.0178	0.00000416	15	0.0000154	0.000219
2036 Feb	45.5	0.0434	0.00892	0.000832	10.1	0.0234	3.61	0.000832	0.000832	0.00000416	0.00603	0.00101	0.00833	0.0178	0.00000416	15	0.0000154	0.000219
2036 Mar	45.5	0.0434	0.00892	0.000832	10.1	0.0234	3.61	0.000832	0.000832	0.00000416	0.00603	0.00101	0.00833	0.0178	0.00000416	15	0.0000154	0.000219
2036 Apr	45.8	0.0437	0.00899	0.000838	10.2	0.0236	3.64	0.000838	0.000838	0.00000419	0.00607	0.00102	0.00839	0.0179	0.00000419	15.2	0.0000155	0.000221
2036 May	47.3	0.0451	0.00928	0.000864	10.5	0.0243	3.76	0.000864	0.000864	0.00000432	0.00626	0.00105	0.00865	0.0185	0.00000432	15.6	0.000016	0.000228
2036 Jun	45.6	0.043	0.00896	0.000838	10.1	0.0234	3.61	0.000838	0.000838	0.00000419	0.00607	0.00101	0.00839	0.0178	0.00000419	15.1	0.0000156	0.000221
2036 Jul	46	0.0431	0.00904	0.00085	10.2	0.0237	3.63	0.00085	0.00085	0.00000425	0.00616	0.00102	0.00851	0.018	0.00000425	15.2	0.0000159	0.000223
2036 Aug	49.5	0.0464	0.00973	0.000916	10.9	0.0255	3.91	0.000916	0.000916	0.00000458	0.00664	0.0011	0.00917	0.0193	0.00000458	16.3	0.0000171	0.00024
2036 Sep	49.5	0.0465	0.00971	0.000916	10.9	0.0256	3.91	0.000916	0.000916	0.00000458	0.00664	0.0011	0.00918	0.0193	0.00000458	16.3	0.000017	0.00024
2036 Oct	48.1	0.0456	0.00938	0.00089	10.6	0.025	3.81	0.00089	0.00089	0.00000445	0.00645	0.00107	0.00893	0.0187	0.00000445	15.8	0.0000165	0.000232
2036 Nov	47.7	0.0454	0.00932	0.000884	10.6	0.0249	3.78	0.000884	0.000884	0.00000442	0.00642	0.00106	0.00887	0.0186	0.00000442	15.7	0.0000164	0.000231
2036 Dec	47.6	0.0453	0.00929	0.000882	10.5	0.0248	3.77	0.000882	0.000882	0.00000441	0.0064	0.00106	0.00885	0.0185	0.00000441	15.7	0.0000164	0.00023
2037 Jan	47.6	0.0453	0.00929	0.000882	10.5	0.0248	3.77	0.000882	0.000882	0.00000441	0.0064	0.00106	0.00885	0.0185	0.00000441	15.7	0.0000164	0.00023
2037 Feb	47.6	0.0453	0.00929	0.000882	10.5	0.0248	3.77	0.000882	0.000882	0.00000441	0.0064	0.00106	0.00885	0.0185	0.00000441	15.7	0.0000164	0.00023
2037 Mar	47.7	0.0454	0.0093	0.000884	10.6	0.0249	3.78	0.000884	0.000884	0.00000442	0.00641	0.00106	0.00887	0.0186	0.00000442	15.7	0.0000164	0.00023
2037 Apr	47.9	0.0456	0.00934	0.000887	10.6	0.025	3.8	0.000887	0.000887	0.00000444	0.00644	0.00107	0.0089	0.0187	0.00000444	15.8	0.0000165	0.000231
2037 May	48.6	0.0461	0.00953	0.000895	10.8	0.0251	3.85	0.000895	0.000895	0.00000447	0.00649	0.00108	0.00896	0.019	0.00000447	16.1	0.0000166	0.000235
2037 Jun	45.7	0.043	0.00903	0.000831	10.1	0.0232	3.62	0.000831	0.000831	0.00000416	0.00602	0.00101	0.0083	0.0179	0.00000416	15.1	0.0000155	0.000221
2037 Jul	48.1	0.0453	0.00951	0.000877	10.7	0.0244	3.81	0.000877	0.000877	0.00000438	0.00635	0.00107	0.00876	0.0189	0.00000438	15.9	0.0000163	0.000233
2037 Aug	50.8	0.0478	0.01	0.000926	11.3	0.0258	4.03	0.000926	0.000926	0.00000463	0.0067	0.00113	0.00925	0.02	0.00000463	16.8	0.0000172	0.000246
2037 Sep	52.2	0.0492	0.0103	0.000951	11.6	0.0266	4.14	0.000951	0.000951	0.00000476	0.00688	0.00116	0.00951	0.0205	0.00000476	17.3	0.0000177	0.000252
2037 Oct	51.1	0.0484	0.0101	0.000931	11.3	0.0261	4.06	0.000931	0.000931	0.00000466	0.00675	0.00113	0.00931	0.0201	0.00000466	16.9	0.0000173	0.000247
2037 Nov	51.2	0.0485	0.0101	0.000933	11.4	0.0261	4.06	0.000933	0.000933	0.00000466	0.00676	0.00113	0.00933	0.0201	0.00000466	16.9	0.0000173	0.000247
2037 Dec	51.2	0.0486	0.0101	0.000933	11.4	0.0262	4.06	0.000933	0.000933	0.00000467	0.00676	0.00113	0.00934	0.0201	0.00000467	17	0.0000173	0.000247
2038 Jan	51.2	0.0486	0.0101	0.000934	11.4	0.0262	4.07	0.000934	0.000934	0.00000467	0.00676	0.00114	0.00934	0.0201	0.00000467	17	0.0000173	0.000247
2038 Feb	51.2	0.0486	0.0101	0.000934	11.4	0.0262	4.07	0.000934	0.000934	0.00000467	0.00676	0.00114	0.00934	0.0201	0.00000467	17	0.0000173	0.000247
2038 Mar	51.2	0.0486	0.0101	0.000934	11.4	0.0262	4.07	0.000934	0.000934	0.00000467	0.00676	0.00114	0.00934	0.0201	0.00000467	17	0.0000173	0.000248
2038 Apr	51.4	0.0488	0.0101	0.000937	11.4	0.0263	4.08	0.000937	0.000937	0.00000469	0.00679	0.00114	0.00937	0.0202	0.00000469	17	0.0000174	0.000248
2038 May	52.5	0.0497	0.0104	0.000955	11.7	0.0267	4.17	0.000955	0.000955	0.00000478	0.00692	0.00116	0.00955	0.0206	0.00000478	17.4	0.0000178	0.000254
2038 Jun	50.7	0.0477	0.0101	0.000912	11.3	0.0254	4.03	0.000912	0.000912	0.00000456	0.00659	0.00112	0.00909	0.02	0.00000456	16.9	0.000017	0.000245
2038 Jul	54.6	0.0499	0.0131	0.00108	13	0.0277	4.55	0.000988	0.000988	0.00000495	0.00681	0.00115	0.01	0.0206	0.00000495	17.4	0.0000175	0.000252
2038 Aug	55.2	0.0444	0.0229	0.00151	16.7	0.0301	5.6	0.00103	0.00103	0.00000521	0.00562	0.000889	0.0112	0.0166	0.00000522	14.3	0.0000139	0.0002
2038 Sep	55.2	0.0436	0.0242	0.00156	17.2	0.0303	5.72	0.00104	0.00104	0.00000523	0.00545	0.000853	0.0113	0.016	0.00000525	13.9	0.0000134	0.000192
2038 Oct	54.9	0.0433	0.0241	0.00156	17.1	0.0302	5.7	0.00103	0.00103	0.00000521	0.00542	0.000847	0.0113	0.0159	0.00000522	13.8	0.0000133	0.000191
2038 Nov	55	0.0434	0.0241	0.00156	17.1	0.0302	5.71	0.00103	0.00103	0.00000522	0.00543	0.000849	0.0113	0.0159	0.00000523	13.8	0.0000134	0.000192
2038 Dec	55	0.0434	0.0242	0.00156	17.2	0.0302	5.71	0.00103	0.00103	0.00000522	0.00543	0.000849	0.0113	0.0159	0.00000524	13.8	0.0000134	0.000192
2039 Jan	55.1	0.0434	0.0242	0.00156	17.2	0.0302	5.71	0.00103	0.00103	0.00000522	0.00543	0.000849	0.0113	0.0159	0.00000524	13.8	0.0000134	0.000192
2039 Feb	55.1	0.0434	0.0242	0.00156	17.2	0.0302	5.71	0.00103	0.00103	0.00000522	0.00543	0.000849	0.0113	0.0159	0.00000524	13.8	0.0000134	0.000192
2039 Mar	55.1	0.0435	0.0242	0.00156	17.2	0.0303	5.71	0.00103	0.00103	0.00000522	0.00543	0.00085	0.0113	0.0159	0.00000524	13.8	0.0000134	0.000192
2039 Apr	55.2	0.0436	0.0242	0.00157	17.2	0.0303	5.73	0.00104	0.00104	0.00000524	0.00545	0.000852	0.0114	0.016	0.00000525	13.9	0.0000134	0.000192
2039 May	56	0.0442	0.0246	0.00159	17.4	0.0308	5.81	0.00105	0.00105	0.00000531	0.00552	0.000864	0.0115	0.0162	0.00000532	14.1	0.0000136	0.000195

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Jun	54	0.0424	0.0239	0.00154	16.9	0.0297	5.62	0.00101	0.00101	0.00000513	0.0053	0.000828	0.0111	0.0156	0.00000514	13.5	0.000013	0.000187
2039 Jul	52.1	0.0408	0.0232	0.0015	16.4	0.0287	5.44	0.000981	0.000981	0.00000496	0.0051	0.000795	0.0108	0.0149	0.00000497	13	0.0000126	0.00018
2039 Aug	53.2	0.0415	0.0237	0.00153	16.7	0.0293	5.55	0.001	0.001	0.00000506	0.0052	0.00081	0.011	0.0152	0.00000507	13.2	0.0000128	0.000183
2039 Sep	54.3	0.0424	0.0242	0.00156	17	0.0299	5.66	0.00102	0.00102	0.00000516	0.00531	0.000827	0.0112	0.0155	0.00000518	13.5	0.0000131	0.000187
2039 Oct	54.2	0.0423	0.0241	0.00156	17	0.0298	5.65	0.00102	0.00102	0.00000515	0.0053	0.000825	0.0112	0.0155	0.00000517	13.5	0.000013	0.000186
2039 Nov	54.3	0.0424	0.0242	0.00156	17	0.0299	5.67	0.00102	0.00102	0.00000516	0.00531	0.000827	0.0112	0.0156	0.00000518	13.5	0.0000131	0.000187
2039 Dec	54.3	0.0424	0.0242	0.00156	17.1	0.0299	5.67	0.00102	0.00102	0.00000517	0.00532	0.000828	0.0112	0.0156	0.00000518	13.5	0.0000131	0.000187
2040 Jan	54.3	0.0424	0.0242	0.00156	17.1	0.0299	5.67	0.00102	0.00102	0.00000517	0.00532	0.000828	0.0112	0.0156	0.00000518	13.5	0.0000131	0.000187
2040 Feb	54.3	0.0424	0.0242	0.00156	17.1	0.0299	5.67	0.00102	0.00102	0.00000517	0.00532	0.000828	0.0112	0.0156	0.00000518	13.5	0.0000131	0.000187
2040 Mar	54.4	0.0425	0.0242	0.00156	17.1	0.0299	5.67	0.00102	0.00102	0.00000517	0.00532	0.000828	0.0112	0.0156	0.00000519	13.5	0.0000131	0.000187
2040 Apr	54.5	0.0426	0.0243	0.00157	17.1	0.03	5.69	0.00103	0.00103	0.00000519	0.00533	0.000831	0.0113	0.0156	0.0000052	13.6	0.0000131	0.000188
2040 May	55.2	0.0432	0.0246	0.00159	17.3	0.0304	5.76	0.00104	0.00104	0.00000525	0.00541	0.000842	0.0114	0.0158	0.00000527	13.7	0.0000133	0.00019
2040 Jun	53.1	0.0413	0.0236	0.00152	16.6	0.0292	5.53	0.000999	0.000999	0.00000505	0.0052	0.000812	0.0109	0.0153	0.00000506	13.2	0.0000128	0.000183
2040 Jul	54.5	0.0424	0.0243	0.00156	17.1	0.03	5.69	0.00103	0.00103	0.00000519	0.00533	0.000832	0.0113	0.0157	0.0000052	13.6	0.0000131	0.000188
2040 Aug	56.3	0.0437	0.025	0.00161	17.6	0.0309	5.87	0.00106	0.00106	0.00000535	0.0055	0.000859	0.0116	0.0161	0.00000537	14	0.0000136	0.000194
2040 Sep	56.8	0.0442	0.0253	0.00163	17.8	0.0312	5.92	0.00107	0.00107	0.0000054	0.00555	0.000867	0.0117	0.0163	0.00000542	14.1	0.0000137	0.000196
2040 Oct	57.1	0.0444	0.0254	0.00164	17.9	0.0314	5.95	0.00108	0.00108	0.00000543	0.00558	0.000872	0.0118	0.0164	0.00000545	14.2	0.0000138	0.000197
2040 Nov	57.3	0.0445	0.0255	0.00164	18	0.0315	5.97	0.00108	0.00108	0.00000545	0.0056	0.000874	0.0118	0.0164	0.00000546	14.3	0.0000138	0.000197
2040 Dec	57.3	0.0445	0.0255	0.00164	18	0.0315	5.97	0.00108	0.00108	0.00000545	0.0056	0.000875	0.0118	0.0164	0.00000547	14.3	0.0000138	0.000197
2041 Jan	57.3	0.0445	0.0255	0.00164	18	0.0315	5.98	0.00108	0.00108	0.00000545	0.0056	0.000875	0.0118	0.0164	0.00000547	14.3	0.0000138	0.000197
2041 Feb	57.3	0.0445	0.0255	0.00164	18	0.0315	5.98	0.00108	0.00108	0.00000545	0.0056	0.000875	0.0118	0.0164	0.00000547	14.3	0.0000138	0.000198
2041 Mar	57.3	0.0446	0.0255	0.00164	18	0.0315	5.98	0.00108	0.00108	0.00000545	0.00561	0.000875	0.0118	0.0165	0.00000547	14.3	0.0000138	0.000198
2041 Apr	57.5	0.0447	0.0256	0.00165	18	0.0316	5.99	0.00108	0.00108	0.00000546	0.00562	0.000877	0.0119	0.0165	0.00000548	14.3	0.0000138	0.000198
2041 May	58	0.0451	0.0258	0.00166	18.2	0.0319	6.05	0.00109	0.00109	0.00000552	0.00567	0.000885	0.012	0.0166	0.00000553	14.4	0.000014	0.0002
2041 Jun	56.2	0.0435	0.0249	0.00161	17.6	0.0309	5.85	0.00106	0.00106	0.00000535	0.00552	0.000862	0.0116	0.0162	0.00000537	14	0.0000136	0.000194
2041 Jul	53.6	0.0412	0.0238	0.00154	16.8	0.0295	5.58	0.00101	0.00101	0.00000511	0.00526	0.000819	0.0111	0.0154	0.00000513	13.3	0.000013	0.000185
2041 Aug	56	0.0431	0.0249	0.00161	17.5	0.0308	5.83	0.00106	0.00106	0.00000534	0.00549	0.000856	0.0116	0.016	0.00000536	13.9	0.0000136	0.000193
2041 Sep	56.8	0.0436	0.0252	0.00163	17.8	0.0312	5.91	0.00107	0.00107	0.00000542	0.00557	0.000868	0.0117	0.0163	0.00000543	14.1	0.0000138	0.000196
2041 Oct	56.7	0.0436	0.0252	0.00163	17.8	0.0312	5.91	0.00107	0.00107	0.00000541	0.00556	0.000867	0.0117	0.0163	0.00000543	14.1	0.0000137	0.000196
2041 Nov	56.9	0.0438	0.0253	0.00164	17.8	0.0313	5.93	0.00108	0.00108	0.00000543	0.00558	0.00087	0.0118	0.0163	0.00000545	14.2	0.0000138	0.000196
2041 Dec	56.9	0.0438	0.0253	0.00164	17.8	0.0313	5.93	0.00108	0.00108	0.00000543	0.00559	0.00087	0.0118	0.0163	0.00000545	14.2	0.0000138	0.000196
2042 Jan	56.9	0.0438	0.0253	0.00164	17.8	0.0313	5.93	0.00108	0.00108	0.00000544	0.00559	0.00087	0.0118	0.0163	0.00000545	14.2	0.0000138	0.000196
2042 Feb	56.9	0.0438	0.0253	0.00164	17.8	0.0313	5.93	0.00108	0.00108	0.00000544	0.00559	0.000871	0.0118	0.0163	0.00000545	14.2	0.0000138	0.000196
2042 Mar	57	0.0438	0.0253	0.00164	17.8	0.0313	5.94	0.00108	0.00108	0.00000544	0.00559	0.000871	0.0118	0.0163	0.00000545	14.2	0.0000138	0.000197
2042 Apr	57.3	0.044	0.0255	0.00165	17.9	0.0315	5.97	0.00108	0.00108	0.00000547	0.00562	0.000875	0.0119	0.0164	0.00000548	14.2	0.0000139	0.000198
2042 May	58.4	0.0449	0.026	0.00168	18.3	0.0321	6.08	0.0011	0.0011	0.00000557	0.00573	0.000892	0.0121	0.0167	0.00000559	14.5	0.0000141	0.000201
2042 Jun	57	0.0437	0.0252	0.00164	17.8	0.0314	5.92	0.00108	0.00108	0.00000545	0.00562	0.000875	0.0118	0.0164	0.00000547	14.2	0.0000139	0.000197
2042 Jul	56.4	0.0431	0.0249	0.00162	17.6	0.031	5.86	0.00107	0.00107	0.0000054	0.00558	0.000867	0.0117	0.0162	0.00000542	14	0.0000138	0.000196
2042 Aug	55.5	0.0423	0.0246	0.0016	17.3	0.0306	5.76	0.00105	0.00105	0.00000532	0.00549	0.000853	0.0115	0.0159	0.00000534	13.8	0.0000136	0.000192
2042 Sep	55.1	0.0419	0.0244	0.00159	17.2	0.0304	5.72	0.00105	0.00105	0.00000529	0.00545	0.000846	0.0115	0.0158	0.0000053	13.7	0.0000135	0.000191
2042 Oct	54.6	0.0415	0.0242	0.00157	17	0.0301	5.67	0.00104	0.00104	0.00000524	0.0054	0.000837	0.0114	0.0156	0.00000525	13.5	0.0000134	0.000189
2042 Nov	54.7	0.0416	0.0243	0.00158	17.1	0.0302	5.69	0.00104	0.00104	0.00000526	0.00541	0.00084	0.0114	0.0157	0.00000527	13.6	0.0000134	0.000189
2042 Dec	54.7	0.0416	0.0243	0.00158	17.1	0.0302	5.69	0.00104	0.00104	0.00000526	0.00542	0.00084	0.0114	0.0157	0.00000527	13.6	0.0000134	0.000189
2043 Jan	54.8	0.0416	0.0243	0.00158	17.1	0.0302	5.69	0.00104	0.00104	0.00000526	0.00542	0.00084	0.0114	0.0157	0.00000527	13.6	0.0000134	0.000189
2043 Feb	54.8	0.0416	0.0243	0.00158	17.1	0.0302	5.69	0.00104	0.00104	0.00000526	0.00542	0.00084	0.0114	0.0157	0.00000527	13.6	0.0000134	0.000189
2043 Mar	54.8	0.0416	0.0243	0.00158	17.1	0.0302	5.69	0.00104	0.00104	0.00000526	0.00542	0.00084	0.0114	0.0157	0.00000527	13.6	0.0000134	0.000189
2043 Apr	55	0.0418	0.0244	0.00159	17.2	0.0304	5.72	0.00105	0.00105	0.00000528	0.00544	0.000844	0.0115	0.0157	0.0000053	13.7	0.0000135	0.00019
2043 May	56	0.0426	0.0249	0.00162	17.5	0.0309	5.83	0.00107	0.00107	0.00000538	0.00555	0.00086	0.0117	0.016	0.0000054	13.9	0.0000137	0.000194
2043 Jun	54.3	0.0411	0.0241	0.00157	17	0.03	5.66	0.00103	0.00103	0.00000523	0.00538	0.000833	0.0113	0.0155	0.00000524	13.5	0.0000133	0.000188
2043 Jul	56.9	0.043	0.0253	0.00164	17.8	0.0315	5.92	0.00108	0.00108	0.00000547	0.00562	0.000871	0.0119	0.0162	0.00000549	14.1	0.0000139	0.000196
2043 Aug	59.5	0.045	0.0265	0.00172	18.6	0.0329	6.2	0.00113	0.00113	0.00000573	0.00588	0.000912	0.0124	0.017	0.00000574	14.7	0.0000146	0.000205
2043 Sep	60	0.0453	0.0267	0.00173	18.8	0.0332	6.24	0.00114	0.00114	0.00000577	0.00593	0.000918	0.0125	0.0171	0.00000579	14.8	0.0000147	0.000207
2043 Oct	59.7	0.0451	0.0265	0.00172	18.7	0.033	6.21	0.00114	0.00114	0.00000574	0.0059	0.000914	0.0125	0.017	0.00000576	14.8	0.0000146	0.000206
2043 Nov	59.4	0.0449	0.0264	0.00172	18.6	0.0329	6.18	0.00113	0.00113	0.00000571	0.00587	0.00091	0.0124	0.0169	0.00000573	14.7	0.0000145	0.000205
2043 Dec	59.4	0.0449	0.0264	0.00172	18.6	0.0329	6.18	0.00113	0.00113	0.00000572	0.00587	0.00091	0.0124	0.0169	0.00000573	14.7	0.0000145	0.000205
2044 Jan	59.4	0.0449	0.0264	0.00172	18.6	0.0329	6.19	0.00113	0.00113	0.00000572	0.00587	0.00091	0.0124	0.0169	0.00000573	14.7	0.0000145	0.000205
2044 Feb	59.4	0.0449	0.0264	0.00172	18.6	0.0329	6.19	0.00113	0.00113	0.00000572	0.00588	0.000911	0.0124	0.017	0.00000574	14.7	0.0000145	0.000205
2044 Mar	59.5	0.045	0.0264	0.00172	18.6	0.0329	6.19	0.00113	0.00113	0.00000572	0.00588	0.000911	0.0124	0.017	0.00000574	14.7	0.0000145	0.000205
2044 Apr	59.6	0.0451	0.0265	0.00172	18.7	0.033	6.21	0.00114	0.00114	0.00000574	0.00589	0.000913	0.0125	0.017	0.00000575	14.8	0.0000146	0.000206
2044 May	60.6	0.0458	0.0269	0.00175	19	0.0335	6.31	0.00115	0.00115	0.00000583	0.00599	0.000928	0.0127	0.0173	0.00000585	15	0.0000148	0.000209
2044 Jun	57	0.043	0.0252	0.00164	17.8	0.0316	5.92	0.00109	0.00109	0.00000549	0.00567	0.000878	0.0119	0.0163	0.00000551	14.1	0.000014	0.000198
2044 Jul	58.3	0.0438	0.0258	0.00168	18.2	0.0323	6.06	0.00111	0.00111	0.00000562	0.00579	0.000896	0.0122	0.0166	0.00000564	14.4	0.0000143	0.000202
2044 Aug	61.9	0.0465	0.0274	0.00179	19.3	0.0343	6.43	0.00118	0.00118	0.00000597	0.00615	0.000952	0.013	0.0177	0.00000599	15.3	0.0000152	0.000214
2044 Sep	61	0.0459	0.027	0.00176	19	0.0338	6.34	0.00117	0.00117	0.00000589	0.00606	0.000938	0.0128	0.0174	0.0000059	15.1	0.000015	0.000211
2044 Oct	60.6	0.0456	0.0268	0.00175	18.9	0.0336	6.3	0.00116	0.00116	0.00000585	0.00602	0.000932	0.0127	0.0173	0.00000586	15	0.0000149	0.00021
2044 Nov	60.7	0.0456	0.0269	0.00175	18.9	0.0336	6.31	0.00116	0.00116	0.00000585	0.00603	0.000933	0.0127	0.0173	0.00000587	15	0.0000149	0.00021
2044 Dec	60.7	0.0457	0.0269	0.00175	18.9	0.0336	6.31	0.00116	0.00116	0.00000585	0.00603	0.000933	0.0127	0.0173	0.00000587	15	0.0000149	0.00021

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Jan	60.7	0.0457	0.0269	0.00175	18.9	0.0336	6.31	0.00116	0.00116	0.00000585	0.00603	0.000933	0.0127	0.0173	0.00000587	15	0.0000149	0.00021
2045 Feb	60.7	0.0457	0.0269	0.00175	18.9	0.0336	6.31	0.00116	0.00116	0.00000585	0.00603	0.000933	0.0127	0.0173	0.00000587	15	0.0000149	0.00021
2045 Mar	60.7	0.0457	0.0269	0.00175	19	0.0337	6.31	0.00116	0.00116	0.00000586	0.00603	0.000934	0.0127	0.0173	0.00000588	15	0.0000149	0.00021
2045 Apr	60.9	0.0458	0.0269	0.00176	19	0.0337	6.33	0.00116	0.00116	0.00000587	0.00605	0.000936	0.0128	0.0174	0.00000589	15.1	0.000015	0.000211
2045 May	61.8	0.0465	0.0273	0.00178	19.3	0.0342	6.42	0.00118	0.00118	0.00000596	0.00614	0.00095	0.0129	0.0176	0.00000597	15.3	0.0000152	0.000214
2045 Jun	60	0.0451	0.0264	0.00173	18.7	0.0333	6.23	0.00115	0.00115	0.0000058	0.006	0.000927	0.0126	0.0172	0.00000582	14.9	0.0000149	0.000208
2045 Jul	60.9	0.0457	0.0268	0.00176	18.9	0.0338	6.31	0.00117	0.00117	0.0000059	0.0061	0.000941	0.0128	0.0174	0.00000591	15.1	0.0000151	0.000212
2045 Aug	63.2	0.0474	0.0278	0.00182	19.7	0.0351	6.55	0.00121	0.00121	0.00000612	0.00633	0.000977	0.0133	0.018	0.00000614	15.7	0.0000157	0.00022
2045 Sep	63.6	0.0477	0.028	0.00184	19.8	0.0354	6.6	0.00122	0.00122	0.00000616	0.00637	0.000983	0.0134	0.0182	0.00000618	15.8	0.0000158	0.000221
2045 Oct	64	0.048	0.0282	0.00185	19.9	0.0356	6.64	0.00123	0.00123	0.0000062	0.00641	0.00099	0.0135	0.0183	0.00000622	15.9	0.0000159	0.000222
2045 Nov	64.2	0.0482	0.0283	0.00185	20	0.0357	6.66	0.00123	0.00123	0.00000621	0.00643	0.000992	0.0135	0.0183	0.00000623	15.9	0.0000159	0.000223
2045 Dec	64.2	0.0482	0.0283	0.00185	20	0.0357	6.66	0.00123	0.00123	0.00000622	0.00643	0.000993	0.0135	0.0183	0.00000624	15.9	0.0000159	0.000223
2046 Jan	64.2	0.0482	0.0283	0.00185	20	0.0357	6.66	0.00123	0.00123	0.00000622	0.00643	0.000993	0.0135	0.0183	0.00000624	15.9	0.0000159	0.000223
2046 Feb	64.3	0.0482	0.0283	0.00185	20	0.0357	6.66	0.00123	0.00123	0.00000622	0.00643	0.000993	0.0135	0.0183	0.00000624	15.9	0.0000159	0.000223
2046 Mar	64.3	0.0482	0.0283	0.00186	20	0.0357	6.67	0.00123	0.00123	0.00000623	0.00644	0.000994	0.0135	0.0184	0.00000624	15.9	0.0000159	0.000223
2046 Apr	64.6	0.0485	0.0284	0.00187	20.1	0.0359	6.7	0.00124	0.00124	0.00000626	0.00647	0.000999	0.0136	0.0185	0.00000627	16	0.000016	0.000225
2046 May	65.6	0.0492	0.0289	0.00189	20.4	0.0365	6.8	0.00126	0.00126	0.00000635	0.00657	0.00101	0.0138	0.0187	0.00000637	16.3	0.0000163	0.000228
2046 Jun	62.4	0.0466	0.0274	0.0018	19.4	0.0347	6.46	0.0012	0.0012	0.00000606	0.00629	0.000968	0.0132	0.0178	0.00000608	15.5	0.0000156	0.000217
2046 Jul	60	0.0446	0.0264	0.00174	18.6	0.0335	6.22	0.00116	0.00116	0.00000585	0.00606	0.000929	0.0127	0.0171	0.00000586	14.8	0.000015	0.000209
2046 Aug	62.3	0.0463	0.0274	0.00181	19.3	0.0348	6.45	0.0012	0.0012	0.00000607	0.00629	0.000964	0.0132	0.0177	0.00000608	15.4	0.0000156	0.000217
2046 Sep	61.5	0.0457	0.027	0.00178	19.1	0.0343	6.37	0.00119	0.00119	0.00000599	0.00622	0.000953	0.013	0.0175	0.00000601	15.2	0.0000154	0.000214
2046 Oct	60.7	0.0451	0.0266	0.00176	18.8	0.0339	6.28	0.00117	0.00117	0.00000592	0.00615	0.000942	0.0129	0.0173	0.00000594	15	0.0000153	0.000212
2046 Nov	60.7	0.0451	0.0266	0.00176	18.8	0.0339	6.28	0.00117	0.00117	0.00000592	0.00615	0.000943	0.0129	0.0173	0.00000594	15	0.0000153	0.000212
2046 Dec	60.8	0.0451	0.0266	0.00176	18.8	0.0339	6.28	0.00117	0.00117	0.00000592	0.00616	0.000943	0.0129	0.0173	0.00000594	15	0.0000153	0.000212
2047 Jan	60.8	0.0451	0.0266	0.00176	18.8	0.0339	6.28	0.00117	0.00117	0.00000592	0.00616	0.000943	0.0129	0.0173	0.00000594	15	0.0000153	0.000212
2047 Feb	60.8	0.0451	0.0266	0.00176	18.8	0.0339	6.28	0.00117	0.00117	0.00000593	0.00616	0.000943	0.0129	0.0173	0.00000594	15	0.0000153	0.000212
2047 Mar	60.9	0.0452	0.0267	0.00176	18.9	0.034	6.3	0.00118	0.00118	0.00000594	0.00617	0.000945	0.0129	0.0173	0.00000595	15.1	0.0000153	0.000212
2047 Apr	61	0.0453	0.0267	0.00177	18.9	0.0341	6.31	0.00118	0.00118	0.00000595	0.00619	0.000947	0.013	0.0174	0.00000597	15.1	0.0000153	0.000213
2047 May	61.4	0.0456	0.0269	0.00178	19	0.0343	6.35	0.00119	0.00119	0.00000599	0.00623	0.000953	0.013	0.0175	0.00000601	15.2	0.0000155	0.000214
2047 Jun	58.7	0.0433	0.0258	0.00171	18.2	0.0328	6.08	0.00114	0.00114	0.00000573	0.00594	0.000908	0.0125	0.0166	0.00000575	14.4	0.0000147	0.000204
2047 Jul	61.7	0.0455	0.0271	0.00179	19.2	0.0345	6.39	0.00119	0.00119	0.00000602	0.00625	0.000954	0.0131	0.0175	0.00000604	15.2	0.0000155	0.000214
2047 Aug	64.5	0.0476	0.0284	0.00188	20	0.0361	6.69	0.00125	0.00125	0.00000631	0.00654	0.000998	0.0138	0.0183	0.00000632	15.9	0.0000162	0.000224
2047 Sep	64.2	0.0474	0.0282	0.00187	19.9	0.0359	6.65	0.00124	0.00124	0.00000627	0.0065	0.000993	0.0137	0.0182	0.00000629	15.8	0.0000161	0.000223
2047 Oct	63.4	0.0468	0.0278	0.00184	19.7	0.0355	6.56	0.00123	0.00123	0.00000619	0.00642	0.00098	0.0135	0.0179	0.00000621	15.6	0.0000159	0.00022
2047 Nov	63.3	0.0467	0.0278	0.00184	19.6	0.0354	6.55	0.00122	0.00122	0.00000618	0.00641	0.000979	0.0135	0.0179	0.0000062	15.6	0.0000159	0.00022
2047 Dec	63.3	0.0468	0.0278	0.00184	19.7	0.0354	6.56	0.00122	0.00122	0.00000618	0.00642	0.00098	0.0135	0.0179	0.0000062	15.6	0.0000159	0.00022
2048 Jan	63.3	0.0468	0.0278	0.00184	19.7	0.0354	6.56	0.00122	0.00122	0.00000619	0.00642	0.00098	0.0135	0.0179	0.0000062	15.6	0.0000159	0.00022
2048 Feb	63.3	0.0468	0.0278	0.00184	19.7	0.0354	6.56	0.00123	0.00123	0.00000619	0.00642	0.00098	0.0135	0.0179	0.00000621	15.6	0.0000159	0.00022
2048 Mar	63.3	0.0468	0.0278	0.00184	19.7	0.0354	6.56	0.00123	0.00123	0.00000619	0.00642	0.00098	0.0135	0.0179	0.00000621	15.6	0.0000159	0.00022
2048 Apr	63.6	0.0469	0.0279	0.00185	19.7	0.0356	6.58	0.00123	0.00123	0.00000621	0.00644	0.000984	0.0135	0.018	0.00000623	15.7	0.000016	0.000221
2048 May	64.6	0.0477	0.0284	0.00188	20.1	0.0362	6.69	0.00125	0.00125	0.00000631	0.00655	0.001	0.0138	0.0183	0.00000633	15.9	0.0000162	0.000225
2048 Jun	61.5	0.0453	0.027	0.00179	19.1	0.0345	6.37	0.00119	0.00119	0.00000602	0.00626	0.000953	0.0132	0.0174	0.00000604	15.1	0.0000155	0.000214
2048 Jul	60	0.044	0.0264	0.00175	18.6	0.0337	6.22	0.00117	0.00117	0.00000589	0.00611	0.000929	0.0129	0.0169	0.0000059	14.7	0.0000152	0.000209
2048 Aug	61.4	0.045	0.027	0.00179	19.1	0.0344	6.36	0.00119	0.00119	0.00000602	0.00625	0.00095	0.0132	0.0173	0.00000604	15.1	0.0000155	0.000213
2048 Sep	61.5	0.0451	0.027	0.00179	19.1	0.0345	6.38	0.0012	0.0012	0.00000604	0.00627	0.000952	0.0132	0.0173	0.00000605	15.1	0.0000156	0.000214
2048 Oct	61	0.0447	0.0267	0.00178	18.9	0.0343	6.32	0.00119	0.00119	0.00000599	0.00623	0.000946	0.0131	0.0172	0.00000601	15	0.0000155	0.000213
2048 Nov	61.1	0.0448	0.0267	0.00178	18.9	0.0343	6.32	0.00119	0.00119	0.00000599	0.00624	0.000947	0.0131	0.0172	0.00000601	15	0.0000155	0.000213
2048 Dec	61.1	0.0448	0.0267	0.00178	18.9	0.0343	6.32	0.00119	0.00119	0.000006	0.00624	0.000948	0.0131	0.0172	0.00000601	15	0.0000155	0.000213
2049 Jan	61.1	0.0448	0.0267	0.00178	18.9	0.0343	6.32	0.00119	0.00119	0.000006	0.00624	0.000948	0.0131	0.0172	0.00000601	15	0.0000155	0.000213
2049 Feb	61.1	0.0448	0.0267	0.00178	18.9	0.0343	6.32	0.00119	0.00119	0.000006	0.00624	0.000948	0.0131	0.0172	0.00000601	15	0.0000155	0.000213
2049 Mar	61.1	0.0448	0.0268	0.00178	18.9	0.0343	6.33	0.00119	0.00119	0.000006	0.00624	0.000948	0.0131	0.0173	0.00000602	15	0.0000155	0.000213
2049 Apr	61.4	0.045	0.0269	0.00179	19	0.0344	6.35	0.00119	0.00119	0.00000602	0.00627	0.000952	0.0132	0.0173	0.00000604	15.1	0.0000156	0.000214
2049 May	62.3	0.0457	0.0273	0.00181	19.3	0.035	6.45	0.00121	0.00121	0.00000611	0.00636	0.000966	0.0134	0.0176	0.00000613	15.3	0.0000158	0.000217
2049 Jun	58.8	0.0428	0.0258	0.00172	18.2	0.0331	6.09	0.00115	0.00115	0.00000578	0.00601	0.00091	0.0127	0.0165	0.0000058	14.4	0.0000149	0.000204
2049 Jul	58.3	0.0423	0.0257	0.00171	18.1	0.0329	6.06	0.00114	0.00114	0.00000575	0.00596	0.0009	0.0126	0.0163	0.00000577	14.2	0.0000148	0.000202
2049 Aug	61.6	0.0447	0.0271	0.00181	19.2	0.0347	6.4	0.0012	0.0012	0.00000607	0.0063	0.000951	0.0133	0.0172	0.00000609	15	0.0000157	0.000214
2049 Sep	61.3	0.0445	0.027	0.0018	19.1	0.0346	6.37	0.0012	0.0012	0.00000605	0.00627	0.000946	0.0133	0.0171	0.00000607	15	0.0000156	0.000213
2049 Oct	60.6	0.044	0.0267	0.00178	18.8	0.0342	6.29	0.00118	0.00118	0.00000598	0.0062	0.000936	0.0131	0.0169	0.00000599	14.8	0.0000154	0.00021
2049 Nov	60.6	0.044	0.0267	0.00178	18.8	0.0342	6.29	0.00118	0.00118	0.00000598	0.00621	0.000936	0.0131	0.017	0.000006	14.8	0.0000154	0.00021
2049 Dec	60.7	0.0441	0.0267	0.00178	18.8	0.0342	6.3	0.00118	0.00118	0.00000598	0.00621	0.000937	0.0131	0.017	0.000006	14.8	0.0000154	0.00021
2050 Jan	60.7	0.0441	0.0267	0.00178	18.8	0.0342	6.3	0.00118	0.00118	0.00000598	0.00621	0.000937	0.0131	0.017	0.000006	14.8	0.0000154	0.00021
2050 Feb	60.7	0.0441	0.0267	0.00178	18.9	0.0342	6.3	0.00118	0.00118	0.00000598	0.00621	0.000937	0.0131	0.017	0.000006	14.8	0.0000154	0.00021
2050 Mar	60.7	0.0441	0.0267	0.00178	18.9	0.0342	6.3	0.00118	0.00118	0.00000598	0.00621	0.000937	0.0131	0.017	0.000006	14.8	0.0000154	0.00021
2050 Apr	60.8	0.0442	0.0268	0.00178	18.9	0.0343	6.32	0.00119	0.00119	0.000006	0.00623	0.00094	0.0132	0.017	0.00000602	14.8	0.0000155	0.000211
2050 May	61.7	0.0448	0.0271	0.00181	19.2	0.0348	6.4	0.0012	0.0012	0.00000608	0.00631	0.000952	0.0134	0.0172	0.0000061	15	0.0000157	0.000214
2050 Jun	59.4	0.0431	0.0261	0.00174	18.4	0.0336	6.17	0.00116	0.00116	0.00000588	0.00611	0.00092	0.0129	0.0166	0.00000589	14.5	0.0000152	0.000207
2050 Jul	57.6	0.0416	0.0253	0.00169	17.9	0.0326	5.98	0.00113	0.00113	0.00000571	0.00594	0.00089	0.0126	0.016	0.00000573	14	0.0000148	0.0002

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Aug	59.6	0.043	0.0262	0.00175	18.5	0.0337	6.19	0.00117	0.00117	0.0000059	0.00614	0.000921	0.013	0.0166	0.00000592	14.5	0.0000153	0.000207
2050 Sep	59.8	0.0432	0.0263	0.00176	18.6	0.0339	6.21	0.00117	0.00117	0.00000593	0.00616	0.000924	0.013	0.0167	0.00000594	14.5	0.0000153	0.000208
2050 Oct	60.3	0.0435	0.0265	0.00177	18.7	0.0341	6.26	0.00118	0.00118	0.00000598	0.00621	0.000932	0.0132	0.0168	0.00000599	14.7	0.0000155	0.000209
2050 Nov	60.5	0.0437	0.0266	0.00178	18.8	0.0343	6.28	0.00119	0.00119	0.000006	0.00624	0.000935	0.0132	0.0169	0.00000601	14.7	0.0000155	0.00021
2050 Dec	60.6	0.0437	0.0266	0.00178	18.8	0.0343	6.29	0.00119	0.00119	0.000006	0.00624	0.000936	0.0132	0.0169	0.00000602	14.7	0.0000155	0.00021
2051 Jan	60.6	0.0437	0.0266	0.00178	18.8	0.0343	6.29	0.00119	0.00119	0.000006	0.00624	0.000936	0.0132	0.0169	0.00000602	14.7	0.0000155	0.00021
2051 Feb	60.6	0.0437	0.0266	0.00178	18.8	0.0343	6.29	0.00119	0.00119	0.000006	0.00624	0.000936	0.0132	0.0169	0.00000602	14.7	0.0000155	0.00021
2051 Mar	60.6	0.0437	0.0266	0.00178	18.8	0.0343	6.29	0.00119	0.00119	0.000006	0.00624	0.000937	0.0132	0.0169	0.00000602	14.7	0.0000155	0.00021
2051 Apr	60.8	0.0439	0.0267	0.00179	18.9	0.0344	6.32	0.00119	0.00119	0.00000603	0.00627	0.00094	0.0133	0.0169	0.00000605	14.8	0.0000156	0.000211
2051 May	61.8	0.0446	0.0271	0.00181	19.2	0.035	6.41	0.00121	0.00121	0.00000612	0.00636	0.000955	0.0135	0.0172	0.00000614	15	0.0000158	0.000214
2051 Jun	57.2	0.041	0.0251	0.00168	17.8	0.0324	5.94	0.00112	0.00112	0.00000568	0.00591	0.000884	0.0125	0.0159	0.0000057	13.9	0.0000147	0.000199
2051 Jul	57.4	0.041	0.0253	0.00169	17.9	0.0325	5.98	0.00113	0.00113	0.0000057	0.00591	0.000883	0.0126	0.0159	0.00000572	13.9	0.0000147	0.000199
2051 Aug	58.4	0.0417	0.0258	0.00173	18.2	0.0331	6.09	0.00115	0.00115	0.00000581	0.00602	0.0009	0.0128	0.0162	0.00000582	14.1	0.000015	0.000202
2051 Sep	57.6	0.0411	0.0254	0.0017	17.9	0.0327	6	0.00113	0.00113	0.00000572	0.00594	0.000888	0.0127	0.0159	0.00000574	13.9	0.0000148	0.000199
2051 Oct	55.2	0.0393	0.0243	0.00163	17.2	0.0313	5.75	0.00109	0.00109	0.00000549	0.0057	0.000851	0.0121	0.0152	0.00000551	13.3	0.0000142	0.000191
2051 Nov	55.2	0.0393	0.0243	0.00163	17.2	0.0313	5.75	0.00109	0.00109	0.00000549	0.0057	0.00085	0.0121	0.0152	0.00000551	13.3	0.0000142	0.000191
2051 Dec	55.2	0.0393	0.0243	0.00163	17.2	0.0313	5.75	0.00109	0.00109	0.00000549	0.0057	0.000851	0.0122	0.0152	0.00000551	13.3	0.0000142	0.000191
2052 Jan	55.2	0.0393	0.0243	0.00163	17.2	0.0313	5.75	0.00109	0.00109	0.00000549	0.0057	0.000851	0.0122	0.0152	0.00000551	13.3	0.0000142	0.000191
2052 Feb	55.2	0.0393	0.0243	0.00163	17.2	0.0314	5.75	0.00109	0.00109	0.00000549	0.0057	0.000851	0.0122	0.0152	0.00000551	13.3	0.0000142	0.000191
2052 Mar	55.3	0.0394	0.0244	0.00163	17.2	0.0314	5.76	0.00109	0.00109	0.0000055	0.00571	0.000852	0.0122	0.0153	0.00000552	13.3	0.0000142	0.000191
2052 Apr	55.4	0.0395	0.0244	0.00164	17.2	0.0315	5.77	0.00109	0.00109	0.00000551	0.00572	0.000853	0.0122	0.0153	0.00000553	13.4	0.0000143	0.000192
2052 May	55.9	0.0398	0.0246	0.00165	17.4	0.0317	5.82	0.0011	0.0011	0.00000556	0.00578	0.000862	0.0123	0.0154	0.00000558	13.5	0.0000144	0.000194
2052 Jun	55.2	0.0393	0.0243	0.00163	17.2	0.0314	5.76	0.00109	0.00109	0.00000549	0.0057	0.000849	0.0122	0.0152	0.00000551	13.3	0.0000142	0.000191
2052 Jul	56.1	0.0399	0.0247	0.00166	17.5	0.0319	5.85	0.0011	0.0011	0.00000558	0.00579	0.000863	0.0124	0.0155	0.0000056	13.5	0.0000144	0.000194
2052 Aug	57.4	0.0409	0.0253	0.00169	17.9	0.0326	5.98	0.00113	0.00113	0.00000571	0.00593	0.000884	0.0127	0.0158	0.00000573	13.8	0.0000148	0.000198
2052 Sep	57.4	0.0408	0.0252	0.00169	17.8	0.0326	5.98	0.00113	0.00113	0.00000571	0.00593	0.000884	0.0126	0.0158	0.00000572	13.8	0.0000148	0.000198
2052 Oct	57.4	0.0409	0.0252	0.00169	17.8	0.0326	5.97	0.00113	0.00113	0.00000571	0.00594	0.000885	0.0126	0.0158	0.00000573	13.8	0.0000148	0.000199
2052 Nov	57.5	0.041	0.0253	0.0017	17.9	0.0327	5.99	0.00113	0.00113	0.00000573	0.00595	0.000888	0.0127	0.0159	0.00000574	13.9	0.0000148	0.000199
2052 Dec	57.6	0.041	0.0253	0.0017	17.9	0.0327	5.99	0.00113	0.00113	0.00000573	0.00596	0.000888	0.0127	0.0159	0.00000575	13.9	0.0000148	0.000199
2053 Jan	57.6	0.041	0.0253	0.0017	17.9	0.0327	6	0.00113	0.00113	0.00000573	0.00596	0.000888	0.0127	0.0159	0.00000575	13.9	0.0000148	0.000199
2053 Feb	57.6	0.041	0.0253	0.0017	17.9	0.0327	6	0.00113	0.00113	0.00000573	0.00596	0.000889	0.0127	0.0159	0.00000575	13.9	0.0000149	0.000199
2053 Mar	57.7	0.0411	0.0253	0.0017	17.9	0.0328	6.01	0.00114	0.00114	0.00000574	0.00597	0.00089	0.0127	0.0159	0.00000576	13.9	0.0000149	0.0002
2053 Apr	57.9	0.0413	0.0254	0.00171	18	0.0329	6.03	0.00114	0.00114	0.00000576	0.00599	0.000894	0.0128	0.016	0.00000578	14	0.0000149	0.000201
2053 May	58.3	0.0415	0.0256	0.00172	18.1	0.0331	6.07	0.00115	0.00115	0.0000058	0.00604	0.0009	0.0129	0.0161	0.00000582	14.1	0.000015	0.000202
2053 Jun	55.2	0.0392	0.0243	0.00163	17.2	0.0313	5.76	0.00108	0.00108	0.00000548	0.00568	0.00085	0.0122	0.0152	0.00000549	13.3	0.0000142	0.000191
2053 Jul	57.1	0.0406	0.0251	0.00168	17.8	0.0324	5.97	0.00112	0.00112	0.00000567	0.00587	0.000878	0.0126	0.0157	0.00000568	13.8	0.0000146	0.000197
2053 Aug	59.7	0.0424	0.0263	0.00176	18.6	0.0339	6.24	0.00117	0.00117	0.00000593	0.00614	0.000919	0.0132	0.0165	0.00000595	14.4	0.0000153	0.000206
2053 Sep	61.6	0.0438	0.0271	0.00182	19.2	0.0349	6.44	0.00121	0.00121	0.00000611	0.00633	0.000947	0.0136	0.017	0.00000613	14.8	0.0000158	0.000213
2053 Oct	62.1	0.0441	0.0273	0.00183	19.3	0.0352	6.48	0.00122	0.00122	0.00000616	0.00638	0.000955	0.0137	0.0171	0.00000618	15	0.0000159	0.000214
2053 Nov	62.1	0.0441	0.0273	0.00183	19.3	0.0352	6.49	0.00122	0.00122	0.00000616	0.00639	0.000955	0.0137	0.0171	0.00000618	15	0.0000159	0.000214
2053 Dec	62.1	0.0441	0.0273	0.00183	19.3	0.0352	6.49	0.00122	0.00122	0.00000616	0.00639	0.000955	0.0137	0.0171	0.00000618	15	0.0000159	0.000214
2054 Jan	62.1	0.0441	0.0273	0.00183	19.3	0.0352	6.49	0.00122	0.00122	0.00000616	0.00639	0.000955	0.0137	0.0171	0.00000618	15	0.0000159	0.000214
2054 Feb	62.1	0.0441	0.0273	0.00183	19.3	0.0352	6.49	0.00122	0.00122	0.00000616	0.00639	0.000955	0.0137	0.0171	0.00000618	15	0.0000159	0.000214
2054 Mar	62.1	0.0441	0.0273	0.00183	19.3	0.0352	6.49	0.00122	0.00122	0.00000616	0.00639	0.000955	0.0137	0.0171	0.00000618	15	0.0000159	0.000214
2054 Apr	62.4	0.0443	0.0274	0.00184	19.4	0.0354	6.52	0.00122	0.00122	0.00000619	0.00641	0.000959	0.0138	0.0172	0.00000621	15	0.000016	0.000215
2054 May	63.2	0.0449	0.0278	0.00186	19.7	0.0358	6.6	0.00124	0.00124	0.00000627	0.0065	0.000972	0.0139	0.0174	0.00000629	15.2	0.0000162	0.000218
2054 Jun	59.8	0.0426	0.0261	0.00175	18.6	0.0338	6.23	0.00117	0.00117	0.00000592	0.00616	0.000926	0.0131	0.0166	0.00000594	14.5	0.0000154	0.000208
2054 Jul	59.3	0.0422	0.0259	0.00173	18.4	0.0334	6.17	0.00116	0.00116	0.00000586	0.00611	0.000919	0.013	0.0165	0.00000588	14.4	0.0000152	0.000206
2054 Aug	60.2	0.0428	0.0262	0.00176	18.7	0.0339	6.26	0.00118	0.00118	0.00000595	0.0062	0.000933	0.0132	0.0168	0.00000597	14.6	0.0000155	0.00021
2054 Sep	60.6	0.0431	0.0264	0.00177	18.8	0.0342	6.3	0.00118	0.00118	0.00000599	0.00624	0.00094	0.0133	0.0169	0.00000601	14.7	0.0000156	0.000211
2054 Oct	60	0.0427	0.0261	0.00175	18.6	0.0338	6.24	0.00117	0.00117	0.00000593	0.00618	0.000932	0.0132	0.0167	0.00000595	14.6	0.0000154	0.000209
2054 Nov	59.9	0.0426	0.026	0.00175	18.5	0.0337	6.22	0.00117	0.00117	0.00000591	0.00616	0.000929	0.0131	0.0167	0.00000593	14.6	0.0000154	0.000209
2054 Dec	59.9	0.0426	0.026	0.00175	18.5	0.0337	6.23	0.00117	0.00117	0.00000591	0.00617	0.000929	0.0131	0.0167	0.00000593	14.6	0.0000154	0.000209
2055 Jan	59.9	0.0426	0.026	0.00175	18.5	0.0337	6.23	0.00117	0.00117	0.00000592	0.00617	0.00093	0.0131	0.0167	0.00000593	14.6	0.0000154	0.000209
2055 Feb	59.9	0.0426	0.026	0.00175	18.5	0.0337	6.23	0.00117	0.00117	0.00000592	0.00617	0.00093	0.0131	0.0167	0.00000593	14.6	0.0000154	0.000209
2055 Mar	59.9	0.0426	0.0261	0.00175	18.6	0.0338	6.23	0.00117	0.00117	0.00000592	0.00617	0.00093	0.0131	0.0167	0.00000594	14.6	0.0000154	0.000209
2055 Apr	60.1	0.0427	0.0261	0.00175	18.6	0.0339	6.25	0.00117	0.00117	0.00000594	0.00619	0.000933	0.0132	0.0168	0.00000595	14.6	0.0000155	0.000209
2055 May	60.9	0.0433	0.0265	0.00178	18.9	0.0343	6.33	0.00119	0.00119	0.00000601	0.00627	0.000945	0.0134	0.017	0.00000603	14.8	0.0000157	0.000212
2055 Jun	57.8	0.041	0.0252	0.00169	17.9	0.0325	6.02	0.00113	0.00113	0.0000057	0.00593	0.000895	0.0127	0.0161	0.00000572	14	0.0000148	0.000201
2055 Jul	57.7	0.0408	0.0252	0.00169	17.9	0.0325	6.03	0.00113	0.00113	0.00000569	0.0059	0.000891	0.0127	0.016	0.00000571	14	0.0000147	0.0002
2055 Aug	59.9	0.0423	0.0262	0.00175	18.6	0.0337	6.26	0.00117	0.00117	0.00000591	0.00613	0.000925	0.0132	0.0166	0.00000593	14.5	0.0000153	0.000208
2055 Sep	60.1	0.0425	0.0263	0.00176	18.7	0.0338	6.28	0.00117	0.00117	0.00000593	0.00615	0.000928	0.0132	0.0167	0.00000595	14.6	0.0000154	0.000209
2055 Oct	60.5	0.0427	0.0264	0.00176	18.8	0.034	6.32	0.00118	0.00118	0.00000596	0.00618	0.000933	0.0133	0.0168	0.00000598	14.6	0.0000154	0.00021
2055 Nov	60.6	0.0428	0.0264	0.00177	18.8	0.0341	6.33	0.00118	0.00118	0.00000597	0.00619	0.000935	0.0133	0.0168	0.00000599	14.7	0.0000155	0.00021
2055 Dec	60.6	0.0428	0.0264	0.00177	18.8	0.0341	6.33	0.00118	0.00118	0.00000597	0.00619	0.000935	0.0133	0.0168	0.00000599	14.7	0.0000155	0.00021
2056 Jan	60.6	0.0428	0.0265	0.00177	18.8	0.0341	6.33	0.00118	0.00118	0.00000597	0.00619	0.000935	0.0133	0.0168	0.00000599	14.7	0.0000155	0.00021
2056 Feb	60.6	0.0428	0.0265	0.00177	18.8	0.0341	6.33	0.00118	0.00118	0.00000597	0.0062	0.000935	0.0133	0.0168	0.00000599	14.7	0.0000155	0.00021

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Mar	60.6	0.0428	0.0265	0.00177	18.8	0.0341	6.33	0.00118	0.00118	0.00000597	0.0062	0.000936	0.0133	0.0168	0.00000599	14.7	0.0000155	0.00021
2056 Apr	60.8	0.043	0.0266	0.00178	18.9	0.0342	6.36	0.00119	0.00119	0.000006	0.00622	0.000939	0.0134	0.0169	0.00000602	14.7	0.0000155	0.000211
2056 May	61.5	0.0434	0.0268	0.00179	19.1	0.0346	6.42	0.0012	0.0012	0.00000606	0.00629	0.00095	0.0135	0.0171	0.00000608	14.9	0.0000157	0.000214
2056 Jun	58.3	0.0411	0.0253	0.00169	18	0.0326	6.07	0.00113	0.00113	0.00000572	0.00596	0.000903	0.0128	0.0163	0.00000574	14.2	0.0000149	0.000203
2056 Jul	60.7	0.0428	0.0264	0.00176	18.8	0.034	6.33	0.00118	0.00118	0.00000597	0.0062	0.000941	0.0133	0.0169	0.00000598	14.8	0.0000155	0.000212
2056 Aug	62.3	0.0439	0.0271	0.00181	19.3	0.0349	6.5	0.00121	0.00121	0.00000612	0.00637	0.000966	0.0137	0.0174	0.00000614	15.2	0.0000159	0.000217
2056 Sep	63.7	0.0449	0.0277	0.00185	19.7	0.0357	6.64	0.00124	0.00124	0.00000626	0.00651	0.000987	0.014	0.0178	0.00000628	15.5	0.0000163	0.000222
2056 Oct	63	0.0444	0.0274	0.00183	19.5	0.0353	6.57	0.00123	0.00123	0.00000619	0.00644	0.000977	0.0138	0.0176	0.00000621	15.3	0.0000161	0.00022
2056 Nov	63	0.0444	0.0273	0.00183	19.5	0.0353	6.57	0.00122	0.00122	0.00000619	0.00644	0.000976	0.0138	0.0176	0.00000621	15.3	0.0000161	0.00022
2056 Dec	63	0.0444	0.0273	0.00183	19.5	0.0353	6.57	0.00123	0.00123	0.00000619	0.00644	0.000977	0.0138	0.0176	0.00000621	15.3	0.0000161	0.00022
2057 Jan	63	0.0445	0.0274	0.00183	19.5	0.0353	6.57	0.00123	0.00123	0.00000619	0.00644	0.000977	0.0138	0.0176	0.00000621	15.3	0.0000161	0.00022
2057 Feb	63	0.0445	0.0274	0.00183	19.5	0.0353	6.57	0.00123	0.00123	0.00000619	0.00644	0.000977	0.0138	0.0176	0.00000621	15.3	0.0000161	0.00022
2057 Mar	63.1	0.0445	0.0274	0.00183	19.5	0.0353	6.58	0.00123	0.00123	0.0000062	0.00645	0.000978	0.0138	0.0176	0.00000622	15.3	0.0000161	0.00022
2057 Apr	63.3	0.0447	0.0275	0.00184	19.6	0.0355	6.6	0.00123	0.00123	0.00000622	0.00647	0.000982	0.0139	0.0177	0.00000624	15.4	0.0000162	0.000221
2057 May	64.4	0.0454	0.0279	0.00187	20	0.0361	6.71	0.00125	0.00125	0.00000633	0.00658	0.000998	0.0141	0.018	0.00000635	15.7	0.0000165	0.000225
2057 Jun	61	0.043	0.0263	0.00176	18.8	0.034	6.35	0.00118	0.00118	0.00000598	0.00624	0.000951	0.0133	0.0171	0.00000599	14.9	0.0000156	0.000214
2057 Jul	62.4	0.044	0.0269	0.0018	19.3	0.0348	6.5	0.00121	0.00121	0.00000611	0.00637	0.000972	0.0136	0.0175	0.00000613	15.3	0.000016	0.000219
2057 Aug	66.6	0.0469	0.0287	0.00192	20.6	0.0371	6.93	0.00129	0.00129	0.00000652	0.0068	0.00104	0.0146	0.0187	0.00000654	16.3	0.000017	0.000233
2057 Sep	68	0.0479	0.0293	0.00196	21	0.0379	7.08	0.00132	0.00132	0.00000666	0.00694	0.00106	0.0149	0.0191	0.00000668	16.6	0.0000174	0.000238
2057 Oct	67.9	0.0478	0.0293	0.00196	21	0.0378	7.06	0.00131	0.00131	0.00000664	0.00693	0.00106	0.0148	0.0191	0.00000667	16.6	0.0000174	0.000238
2057 Nov	68.1	0.0479	0.0293	0.00196	21	0.0379	7.08	0.00132	0.00132	0.00000666	0.00695	0.00106	0.0149	0.0191	0.00000668	16.6	0.0000174	0.000238
2057 Dec	68.1	0.048	0.0293	0.00196	21	0.0379	7.08	0.00132	0.00132	0.00000666	0.00695	0.00106	0.0149	0.0191	0.00000668	16.6	0.0000174	0.000239
2058 Jan	68.1	0.048	0.0294	0.00196	21	0.0379	7.08	0.00132	0.00132	0.00000666	0.00695	0.00106	0.0149	0.0191	0.00000668	16.6	0.0000174	0.000239
2058 Feb	68.1	0.048	0.0294	0.00196	21	0.0379	7.08	0.00132	0.00132	0.00000666	0.00695	0.00106	0.0149	0.0191	0.00000668	16.6	0.0000174	0.000239
2058 Mar	68.1	0.048	0.0294	0.00196	21	0.038	7.09	0.00132	0.00132	0.00000667	0.00695	0.00106	0.0149	0.0191	0.00000669	16.7	0.0000174	0.000239
2058 Apr	68.3	0.0481	0.0294	0.00197	21.1	0.0381	7.1	0.00132	0.00132	0.00000668	0.00697	0.00106	0.0149	0.0192	0.0000067	16.7	0.0000175	0.000239
2058 May	68.9	0.0485	0.0296	0.00198	21.3	0.0384	7.16	0.00133	0.00133	0.00000674	0.00704	0.00107	0.015	0.0194	0.00000676	16.9	0.0000176	0.000242
2058 Jun	62.9	0.0443	0.0269	0.00179	19.3	0.0347	6.52	0.00121	0.00121	0.00000611	0.0064	0.000986	0.0136	0.0179	0.00000613	15.5	0.0000161	0.000222
2058 Jul	64.5	0.0453	0.0276	0.00184	19.8	0.0355	6.69	0.00124	0.00124	0.00000625	0.00654	0.00101	0.014	0.0183	0.00000627	15.9	0.0000165	0.000227
2058 Aug	67	0.0471	0.0287	0.00191	20.6	0.0369	6.95	0.00129	0.00129	0.0000065	0.00679	0.00105	0.0145	0.019	0.00000652	16.5	0.0000171	0.000236
2058 Sep	67	0.0471	0.0287	0.00191	20.6	0.0369	6.96	0.00129	0.00129	0.00000651	0.0068	0.00105	0.0145	0.019	0.00000653	16.5	0.0000171	0.000237
2058 Oct	66.9	0.047	0.0286	0.0019	20.6	0.0369	6.94	0.00128	0.00128	0.00000649	0.00678	0.00105	0.0145	0.019	0.00000651	16.5	0.0000171	0.000236
2058 Nov	67	0.0471	0.0287	0.00191	20.6	0.0369	6.96	0.00129	0.00129	0.00000651	0.0068	0.00105	0.0145	0.019	0.00000653	16.5	0.0000171	0.000237
2058 Dec	67.1	0.0471	0.0287	0.00191	20.6	0.0369	6.96	0.00129	0.00129	0.00000651	0.0068	0.00105	0.0145	0.019	0.00000653	16.5	0.0000171	0.000237
2059 Jan	67.1	0.0471	0.0287	0.00191	20.6	0.0369	6.96	0.00129	0.00129	0.00000651	0.0068	0.00105	0.0145	0.019	0.00000653	16.5	0.0000171	0.000237
2059 Feb	67.1	0.0471	0.0287	0.00191	20.6	0.037	6.96	0.00129	0.00129	0.00000651	0.0068	0.00105	0.0145	0.019	0.00000653	16.5	0.0000171	0.000237
2059 Mar	67.1	0.0471	0.0287	0.00191	20.6	0.037	6.96	0.00129	0.00129	0.00000651	0.0068	0.00105	0.0145	0.019	0.00000653	16.5	0.0000171	0.000237
2059 Apr	67.3	0.0473	0.0288	0.00192	20.7	0.0371	6.98	0.00129	0.00129	0.00000653	0.00682	0.00105	0.0146	0.0191	0.00000655	16.6	0.0000172	0.000237
2059 May	68.1	0.0479	0.0291	0.00194	20.9	0.0375	7.06	0.00131	0.00131	0.0000066	0.00691	0.00107	0.0147	0.0193	0.00000663	16.8	0.0000174	0.00024
2059 Jun	67.3	0.0474	0.0286	0.0019	20.6	0.0369	6.96	0.00129	0.00129	0.00000651	0.00683	0.00106	0.0145	0.0192	0.00000653	16.7	0.0000172	0.000239
2059 Jul	71.8	0.0505	0.0305	0.00203	22	0.0393	7.42	0.00137	0.00137	0.00000694	0.00728	0.00113	0.0155	0.0205	0.00000696	17.8	0.0000184	0.000255
2059 Aug	75.7	0.0532	0.0321	0.00214	23.2	0.0415	7.82	0.00145	0.00145	0.00000732	0.00768	0.00119	0.0163	0.0216	0.00000734	18.8	0.0000194	0.000269
2059 Sep	76.7	0.054	0.0325	0.00217	23.5	0.042	7.93	0.00147	0.00147	0.00000741	0.00778	0.00121	0.0165	0.0219	0.00000743	19	0.0000196	0.000272
2059 Oct	73.6	0.0519	0.0312	0.00208	22.6	0.0404	7.61	0.00141	0.00141	0.00000712	0.00747	0.00116	0.0159	0.021	0.00000714	18.3	0.0000188	0.000261
2059 Nov	73.5	0.0519	0.0312	0.00208	22.5	0.0403	7.6	0.00141	0.00141	0.00000711	0.00747	0.00116	0.0159	0.021	0.00000713	18.2	0.0000188	0.000261
2059 Dec	73.5	0.0519	0.0312	0.00208	22.5	0.0403	7.6	0.00141	0.00141	0.00000711	0.00747	0.00116	0.0159	0.021	0.00000713	18.2	0.0000188	0.000261
2060 Jan	73.5	0.0519	0.0312	0.00208	22.5	0.0403	7.61	0.00141	0.00141	0.00000711	0.00747	0.00116	0.0159	0.021	0.00000713	18.2	0.0000188	0.000261
2060 Feb	73.6	0.0519	0.0312	0.00208	22.5	0.0403	7.61	0.00141	0.00141	0.00000711	0.00747	0.00116	0.0159	0.021	0.00000713	18.2	0.0000188	0.000261
2060 Mar	73.6	0.0519	0.0312	0.00208	22.5	0.0404	7.61	0.00141	0.00141	0.00000712	0.00747	0.00116	0.0159	0.021	0.00000714	18.3	0.0000188	0.000261
2060 Apr	73.9	0.0521	0.0313	0.00209	22.6	0.0405	7.64	0.00141	0.00141	0.00000715	0.0075	0.00116	0.0159	0.0211	0.00000717	18.3	0.0000189	0.000262
2060 May	74.2	0.0524	0.0313	0.00209	22.7	0.0406	7.66	0.00142	0.00142	0.00000716	0.00754	0.00117	0.016	0.0213	0.00000718	18.5	0.000019	0.000264
2060 Jun	70.6	0.05	0.0296	0.00197	21.5	0.0383	7.28	0.00134	0.00134	0.00000677	0.00714	0.00112	0.0151	0.0204	0.00000679	17.7	0.000018	0.000253
2060 Jul	74.7	0.0529	0.0314	0.00208	22.8	0.0406	7.71	0.00142	0.00142	0.00000716	0.00755	0.00118	0.016	0.0216	0.00000718	18.7	0.0000191	0.000267
2060 Aug	76.9	0.0544	0.0323	0.00214	23.4	0.0417	7.92	0.00146	0.00146	0.00000736	0.00776	0.00122	0.0164	0.0222	0.00000739	19.2	0.0000196	0.000275
2060 Sep	74.9	0.053	0.0314	0.00209	22.8	0.0406	7.72	0.00142	0.00142	0.00000717	0.00757	0.00119	0.016	0.0217	0.0000072	18.8	0.0000191	0.000268
2060 Oct	74.4	0.0528	0.0312	0.00207	22.7	0.0404	7.66	0.00141	0.00141	0.00000713	0.00753	0.00118	0.0159	0.0216	0.00000715	18.7	0.000019	0.000267
2060 Nov	74.1	0.0526	0.031	0.00206	22.6	0.0402	7.63	0.0014	0.0014	0.0000071	0.0075	0.00118	0.0158	0.0215	0.00000712	18.6	0.000019	0.000266
2060 Dec	74.2	0.0526	0.031	0.00206	22.6	0.0402	7.63	0.00141	0.00141	0.0000071	0.0075	0.00118	0.0158	0.0215	0.00000712	18.6	0.000019	0.000266
2061 Jan	74.2	0.0526	0.031	0.00206	22.6	0.0402	7.63	0.00141	0.00141	0.0000071	0.0075	0.00118	0.0158	0.0215	0.00000712	18.6	0.000019	0.000266
2061 Feb	74.2	0.0526	0.031	0.00206	22.6	0.0402	7.63	0.00141	0.00141	0.0000071	0.0075	0.00118	0.0158	0.0215	0.00000712	18.6	0.000019	0.000266
2061 Mar	74.2	0.0526	0.031	0.00206	22.6	0.0402	7.64	0.00141	0.00141	0.0000071	0.0075	0.00118	0.0158	0.0215	0.00000712	18.6	0.000019	0.000266
2061 Apr	74.5	0.0529	0.0311	0.00207	22.7	0.0404	7.66	0.00141	0.00141	0.00000713	0.00753	0.00118	0.0159	0.0216	0.00000715	18.7	0.000019	0.000267
2061 May	74.6	0.053	0.0311	0.00207	22.7	0.0404	7.68	0.00141	0.00141	0.00000713	0.00754	0.00119	0.0159	0.0217	0.00000715	18.8	0.0000191	0.000268
2061 Jun	68.9	0.049	0.0288	0.0019	21	0.037	7.11	0.00129	0.00129	0.00000653	0.00689	0.00109	0.0146	0.0201	0.00000655	17.4	0.0000174	0.000247
2061 Jul	72.7	0.0517	0.0303	0.002	22.2	0.039	7.5	0.00136	0.00136	0.00000689	0.00725	0.00115	0.0154	0.0212	0.00000691	18.3	0.0000184	0.000261
2061 Aug	76.4	0.0543	0.0319	0.0021	23.3	0.041	7.88	0.00143	0.00143	0.00000724	0.00762	0.00121	0.0162	0.0223	0.00000726	19.2	0.0000193	0.000274
2061 Sep	77.3	0.0549	0.0323	0.00213	23.6	0.0415	7.98	0.00145	0.00145	0.00000732	0.00771	0.00122	0.0164	0.0225	0.00000735	19.5	0.0000195	0.000277

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Oct	75	0.0534	0.0313	0.00207	22.9	0.0403	7.74	0.00141	0.00141	0.00000711	0.00749	0.00119	0.0159	0.0219	0.00000713	18.9	0.0000189	0.000269
2061 Nov	74.5	0.053	0.0311	0.00205	22.7	0.04	7.68	0.0014	0.0014	0.00000706	0.00743	0.00118	0.0158	0.0217	0.00000708	18.8	0.0000188	0.000267
2061 Dec	74.5	0.053	0.0311	0.00205	22.7	0.04	7.69	0.0014	0.0014	0.00000706	0.00744	0.00118	0.0158	0.0217	0.00000708	18.8	0.0000188	0.000267
2062 Jan	74.5	0.053	0.0311	0.00205	22.7	0.04	7.69	0.0014	0.0014	0.00000706	0.00744	0.00118	0.0158	0.0217	0.00000708	18.8	0.0000188	0.000267
2062 Feb	74.5	0.053	0.0311	0.00205	22.7	0.04	7.69	0.0014	0.0014	0.00000706	0.00744	0.00118	0.0158	0.0217	0.00000708	18.8	0.0000188	0.000267
2062 Mar	74.6	0.0531	0.0311	0.00206	22.7	0.0401	7.7	0.0014	0.0014	0.00000707	0.00745	0.00118	0.0158	0.0217	0.00000709	18.8	0.0000188	0.000268
2062 Apr	74.9	0.0533	0.0313	0.00206	22.8	0.0402	7.73	0.0014	0.0014	0.0000071	0.00748	0.00119	0.0159	0.0218	0.00000712	18.9	0.0000189	0.000269
2062 May	75.8	0.0539	0.0316	0.00209	23.1	0.0407	7.82	0.00142	0.00142	0.00000718	0.00757	0.0012	0.0161	0.0221	0.0000072	19.1	0.0000191	0.000272
2062 Jun	72.7	0.0518	0.0302	0.00199	22.1	0.0389	7.5	0.00136	0.00136	0.00000687	0.00726	0.00116	0.0154	0.0213	0.00000689	18.4	0.0000184	0.000262
2062 Jul	72.1	0.0514	0.0299	0.00197	21.9	0.0385	7.43	0.00134	0.00134	0.0000068	0.00718	0.00115	0.0152	0.0211	0.00000682	18.2	0.0000182	0.00026
2062 Aug	73	0.052	0.0303	0.002	22.2	0.039	7.53	0.00136	0.00136	0.00000688	0.00727	0.00116	0.0154	0.0214	0.0000069	18.5	0.0000184	0.000263
2062 Sep	72.3	0.0516	0.0299	0.00197	22	0.0386	7.45	0.00135	0.00135	0.00000682	0.00721	0.00115	0.0153	0.0212	0.00000684	18.3	0.0000183	0.000261
2062 Oct	68.8	0.0491	0.0285	0.00188	20.9	0.0367	7.1	0.00128	0.00128	0.00000648	0.00685	0.00109	0.0145	0.0202	0.0000065	17.4	0.0000173	0.000248
2062 Nov	68.9	0.0492	0.0286	0.00188	21	0.0368	7.11	0.00128	0.00128	0.00000649	0.00685	0.0011	0.0146	0.0202	0.00000651	17.4	0.0000174	0.000248
2062 Dec	68.9	0.0492	0.0286	0.00188	21	0.0368	7.12	0.00128	0.00128	0.00000649	0.00686	0.0011	0.0146	0.0202	0.00000651	17.5	0.0000174	0.000248
2063 Jan	68.9	0.0492	0.0286	0.00188	21	0.0368	7.12	0.00128	0.00128	0.00000649	0.00686	0.0011	0.0146	0.0202	0.00000651	17.5	0.0000174	0.000248
2063 Feb	69	0.0492	0.0286	0.00188	21	0.0368	7.12	0.00128	0.00128	0.00000649	0.00686	0.0011	0.0146	0.0202	0.00000651	17.5	0.0000174	0.000248
2063 Mar	69	0.0492	0.0286	0.00188	21	0.0368	7.12	0.00128	0.00128	0.00000649	0.00686	0.0011	0.0146	0.0202	0.00000651	17.5	0.0000174	0.000248
2063 Apr	69.1	0.0493	0.0286	0.00189	21	0.0369	7.13	0.00129	0.00129	0.00000651	0.00687	0.0011	0.0146	0.0203	0.00000653	17.5	0.0000174	0.000249
2063 May	69.6	0.0497	0.0288	0.0019	21.2	0.0371	7.18	0.0013	0.0013	0.00000655	0.00692	0.00111	0.0147	0.0204	0.00000657	17.6	0.0000175	0.000251
2063 Jun	61.6	0.044	0.0256	0.00168	18.8	0.0328	6.4	0.00114	0.00114	0.00000576	0.00605	0.000973	0.013	0.018	0.00000578	15.6	0.0000153	0.000221
2063 Jul	61.5	0.0438	0.0256	0.00168	18.8	0.0326	6.4	0.00113	0.00113	0.00000574	0.00601	0.000967	0.013	0.0179	0.00000576	15.5	0.0000152	0.00022
2063 Aug	64.5	0.046	0.0269	0.00176	19.8	0.0342	6.71	0.00119	0.00119	0.00000602	0.00631	0.00101	0.0136	0.0188	0.00000604	16.2	0.000016	0.00023
2063 Sep	65	0.0464	0.0271	0.00177	19.9	0.0345	6.77	0.0012	0.0012	0.00000607	0.00636	0.00102	0.0137	0.019	0.00000609	16.4	0.0000161	0.000232
2063 Oct	64.2	0.0458	0.0268	0.00175	19.7	0.0341	6.68	0.00118	0.00118	0.00000599	0.00628	0.00101	0.0136	0.0187	0.00000601	16.2	0.0000159	0.000229
2063 Nov	64.2	0.0458	0.0268	0.00175	19.7	0.0341	6.69	0.00119	0.00119	0.00000599	0.00628	0.00101	0.0136	0.0187	0.00000601	16.2	0.0000159	0.000229
2063 Dec	64.2	0.0458	0.0268	0.00175	19.7	0.0341	6.69	0.00119	0.00119	0.000006	0.00629	0.00101	0.0136	0.0187	0.00000601	16.2	0.0000159	0.00023
2064 Jan	64.2	0.0458	0.0268	0.00175	19.7	0.0341	6.69	0.00119	0.00119	0.000006	0.00629	0.00101	0.0136	0.0187	0.00000602	16.2	0.0000159	0.00023
2064 Feb	64.2	0.0458	0.0268	0.00175	19.7	0.0341	6.69	0.00119	0.00119	0.000006	0.00629	0.00101	0.0136	0.0187	0.00000602	16.2	0.0000159	0.00023
2064 Mar	64.3	0.0459	0.0268	0.00175	19.7	0.0342	6.7	0.00119	0.00119	0.00000601	0.0063	0.00101	0.0136	0.0188	0.00000602	16.2	0.0000159	0.00023
2064 Apr	64.5	0.046	0.0269	0.00176	19.8	0.0343	6.72	0.00119	0.00119	0.00000602	0.00631	0.00101	0.0136	0.0188	0.00000604	16.2	0.000016	0.000231
2064 May	64.5	0.0461	0.0269	0.00176	19.8	0.0342	6.72	0.00119	0.00119	0.00000602	0.00632	0.00102	0.0136	0.0189	0.00000604	16.3	0.000016	0.000231
2064 Jun	59.8	0.0427	0.0249	0.00162	18.3	0.0316	6.24	0.0011	0.0011	0.00000555	0.00581	0.000941	0.0126	0.0175	0.00000556	15.1	0.0000147	0.000214
2064 Jul	62.1	0.0443	0.0258	0.00168	19	0.0328	6.48	0.00114	0.00114	0.00000575	0.00603	0.000975	0.0131	0.0182	0.00000577	15.7	0.0000153	0.000222
2064 Aug	63.4	0.0452	0.0264	0.00172	19.4	0.0334	6.61	0.00116	0.00116	0.00000587	0.00615	0.000995	0.0133	0.0185	0.00000589	16	0.0000156	0.000227
2064 Sep	62.6	0.0447	0.026	0.00169	19.2	0.033	6.53	0.00115	0.00115	0.0000058	0.00608	0.000985	0.0132	0.0183	0.00000582	15.8	0.0000154	0.000224
2064 Oct	62.9	0.0449	0.0261	0.0017	19.3	0.0331	6.55	0.00115	0.00115	0.00000582	0.00611	0.00099	0.0132	0.0184	0.00000584	15.9	0.0000155	0.000225
2064 Nov	63.1	0.0451	0.0262	0.00171	19.3	0.0333	6.58	0.00116	0.00116	0.00000585	0.00613	0.000994	0.0133	0.0185	0.00000586	16	0.0000155	0.000226
2064 Dec	63.1	0.0451	0.0262	0.00171	19.3	0.0333	6.58	0.00116	0.00116	0.00000585	0.00613	0.000994	0.0133	0.0185	0.00000587	16	0.0000156	0.000226
2065 Jan	63.1	0.0451	0.0262	0.00171	19.3	0.0333	6.58	0.00116	0.00116	0.00000585	0.00613	0.000994	0.0133	0.0185	0.00000587	16	0.0000156	0.000226
2065 Feb	63.2	0.0451	0.0262	0.00171	19.3	0.0333	6.58	0.00116	0.00116	0.00000585	0.00614	0.000995	0.0133	0.0185	0.00000587	16	0.0000156	0.000226
2065 Mar	63.3	0.0452	0.0262	0.00171	19.4	0.0333	6.59	0.00116	0.00116	0.00000586	0.00614	0.000996	0.0133	0.0185	0.00000588	16	0.0000156	0.000227
2065 Apr	63.5	0.0454	0.0264	0.00172	19.4	0.0335	6.62	0.00116	0.00116	0.00000588	0.00617	0.001	0.0134	0.0186	0.0000059	16.1	0.0000156	0.000228
2065 May	64.2	0.0459	0.0266	0.00173	19.6	0.0338	6.68	0.00117	0.00117	0.00000594	0.00624	0.00101	0.0135	0.0188	0.00000596	16.3	0.0000158	0.00023
2065 Jun	60.7	0.0434	0.0251	0.00163	18.6	0.0318	6.33	0.0011	0.0011	0.00000559	0.00585	0.000955	0.0127	0.0178	0.0000056	15.4	0.0000148	0.000218
2065 Jul	63.8	0.0456	0.0265	0.00172	19.6	0.0334	6.67	0.00116	0.00116	0.00000587	0.00615	0.001	0.0134	0.0188	0.00000589	16.2	0.0000156	0.000229
2065 Aug	66.9	0.0478	0.0277	0.0018	20.5	0.035	6.99	0.00122	0.00122	0.00000615	0.00644	0.00105	0.014	0.0197	0.00000617	17	0.0000163	0.00024
2065 Sep	65.5	0.0468	0.0272	0.00176	20.1	0.0343	6.85	0.00119	0.00119	0.00000603	0.00631	0.00103	0.0137	0.0193	0.00000605	16.6	0.000016	0.000235
2065 Oct	62.4	0.0447	0.0257	0.00167	19.1	0.0327	6.51	0.00113	0.00113	0.00000573	0.00602	0.000985	0.0131	0.0184	0.00000575	15.9	0.0000153	0.000224
2065 Nov	62.2	0.0446	0.0257	0.00166	19	0.0325	6.49	0.00113	0.00113	0.00000571	0.006	0.000982	0.013	0.0184	0.00000573	15.8	0.0000152	0.000224
2065 Dec	62.2	0.0446	0.0257	0.00166	19	0.0326	6.49	0.00113	0.00113	0.00000571	0.006	0.000982	0.013	0.0184	0.00000573	15.8	0.0000152	0.000224
2066 Jan	62.2	0.0446	0.0257	0.00166	19	0.0326	6.49	0.00113	0.00113	0.00000571	0.006	0.000982	0.013	0.0184	0.00000573	15.8	0.0000152	0.000224
2066 Feb	62.3	0.0447	0.0257	0.00167	19	0.0326	6.49	0.00113	0.00113	0.00000572	0.006	0.000982	0.013	0.0184	0.00000574	15.8	0.0000152	0.000224
2066 Mar	62.4	0.0448	0.0257	0.00167	19.1	0.0326	6.51	0.00113	0.00113	0.00000573	0.00601	0.000984	0.013	0.0184	0.00000575	15.9	0.0000153	0.000224
2066 Apr	62.6	0.0449	0.0258	0.00167	19.1	0.0327	6.53	0.00114	0.00114	0.00000575	0.00603	0.000987	0.0131	0.0185	0.00000576	15.9	0.0000153	0.000225
2066 May	63.3	0.0454	0.0261	0.00169	19.4	0.0331	6.6	0.00115	0.00115	0.00000581	0.0061	0.000999	0.0132	0.0187	0.00000583	16.1	0.0000155	0.000228
2066 Jun	59.4	0.0427	0.0245	0.00159	18.2	0.031	6.22	0.00107	0.00107	0.00000543	0.00569	0.000934	0.0124	0.0175	0.00000545	15.1	0.0000144	0.000213
2066 Jul	62.6	0.0449	0.0259	0.00167	19.2	0.0327	6.56	0.00113	0.00113	0.00000572	0.00598	0.000982	0.0131	0.0184	0.00000574	15.9	0.0000152	0.000224
2066 Aug	65.6	0.0471	0.0272	0.00175	20.2	0.0343	6.88	0.00119	0.00119	0.000006	0.00627	0.00103	0.0137	0.0193	0.00000602	16.6	0.0000159	0.000235
2066 Sep	66	0.0474	0.0273	0.00176	20.3	0.0345	6.92	0.00119	0.00119	0.00000603	0.0063	0.00104	0.0138	0.0194	0.00000605	16.7	0.000016	0.000236
2066 Oct	65	0.0467	0.0269	0.00174	20	0.0339	6.82	0.00117	0.00117	0.00000594	0.00621	0.00102	0.0136	0.0191	0.00000596	16.5	0.0000157	0.000233
2066 Nov	64.8	0.0466	0.0268	0.00173	19.9	0.0339	6.8	0.00117	0.00117	0.00000592	0.0062	0.00102	0.0136	0.0191	0.00000594	16.4	0.0000157	0.000232
2066 Dec	64.9	0.0466	0.0268	0.00173	19.9	0.0339	6.81	0.00117	0.00117	0.00000593	0.0062	0.00102	0.0136	0.0191	0.00000595	16.4	0.0000157	0.000232
2067 Jan	64.9	0.0467	0.0268	0.00173	19.9	0.0339	6.81	0.00117	0.00117	0.00000593	0.0062	0.00102	0.0136	0.0191	0.00000595	16.5	0.0000157	0.000232
2067 Feb	64.9	0.0467	0.0268	0.00173	19.9	0.0339	6.81	0.00117	0.00117	0.00000593	0.0062	0.00102	0.0136	0.0191	0.00000595	16.5	0.0000157	0.000232
2067 Mar	65	0.0467	0.0269	0.00174	20	0.0339	6.82	0.00117	0.00117	0.00000594	0.00621	0.00102	0.0136	0.0191	0.00000596	16.5	0.0000157	0.000233
2067 Apr	65.2	0.0468	0.0269	0.00174	20	0.034	6.83	0.00118	0.00118	0.00000595	0.00623	0.00102	0.0136	0.0192	0.00000597	16.5	0.0000158	0.000233

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 May	66.1	0.0475	0.0273	0.00176	20.3	0.0345	6.93	0.00119	0.00119	0.00000604	0.00632	0.00104	0.0138	0.0195	0.00000606	16.8	0.000016	0.000237
2067 Jun	63.5	0.0459	0.026	0.00168	19.4	0.033	6.63	0.00114	0.00114	0.00000578	0.00608	0.001	0.0132	0.0188	0.0000058	16.2	0.0000154	0.000229
2067 Jul	67.3	0.0486	0.0276	0.00178	20.6	0.035	7.03	0.00121	0.00121	0.00000612	0.00644	0.00106	0.014	0.0199	0.00000615	17.2	0.0000163	0.000242
2067 Aug	69.4	0.0501	0.0284	0.00184	21.2	0.036	7.25	0.00125	0.00125	0.00000631	0.00663	0.00109	0.0144	0.0206	0.00000633	17.7	0.0000168	0.00025
2067 Sep	70	0.0506	0.0287	0.00185	21.4	0.0364	7.31	0.00126	0.00126	0.00000637	0.00669	0.0011	0.0146	0.0207	0.00000639	17.9	0.000017	0.000252
2067 Oct	68.2	0.0494	0.0279	0.0018	20.9	0.0355	7.13	0.00123	0.00123	0.00000621	0.00653	0.00108	0.0142	0.0202	0.00000623	17.4	0.0000166	0.000246
2067 Nov	68.1	0.0493	0.0278	0.0018	20.8	0.0354	7.11	0.00122	0.00122	0.00000619	0.00652	0.00108	0.0142	0.0202	0.00000621	17.4	0.0000165	0.000246
2067 Dec	68.1	0.0493	0.0278	0.0018	20.8	0.0354	7.11	0.00123	0.00123	0.0000062	0.00653	0.00108	0.0142	0.0202	0.00000622	17.4	0.0000166	0.000246
2068 Jan	68.1	0.0493	0.0278	0.0018	20.8	0.0354	7.11	0.00123	0.00123	0.0000062	0.00653	0.00108	0.0142	0.0202	0.00000622	17.4	0.0000166	0.000246
2068 Feb	68.2	0.0494	0.0278	0.0018	20.8	0.0354	7.12	0.00123	0.00123	0.0000062	0.00653	0.00108	0.0142	0.0202	0.00000622	17.4	0.0000166	0.000246
2068 Mar	68.3	0.0495	0.0279	0.00181	20.9	0.0355	7.13	0.00123	0.00123	0.00000621	0.00654	0.00108	0.0142	0.0203	0.00000623	17.5	0.0000166	0.000246
2068 Apr	68.9	0.0499	0.0281	0.00182	21	0.0358	7.19	0.00124	0.00124	0.00000626	0.0066	0.00109	0.0143	0.0204	0.00000628	17.6	0.0000167	0.000248
2068 May	69.4	0.0503	0.0283	0.00183	21.2	0.0361	7.24	0.00125	0.00125	0.00000631	0.00666	0.0011	0.0144	0.0207	0.00000633	17.8	0.0000169	0.000251
2068 Jun	62	0.0451	0.0252	0.00163	19	0.0321	6.49	0.00111	0.00111	0.0000056	0.0059	0.000981	0.0129	0.0185	0.00000562	15.9	0.000015	0.000224
2068 Jul	64.1	0.0465	0.0261	0.00168	19.6	0.0331	6.71	0.00114	0.00114	0.00000578	0.00609	0.00101	0.0133	0.0191	0.0000058	16.4	0.0000154	0.000231
2068 Aug	67.7	0.0492	0.0276	0.00178	20.7	0.035	7.09	0.00121	0.00121	0.00000611	0.00643	0.00107	0.014	0.0202	0.00000613	17.3	0.0000163	0.000244
2068 Sep	67.9	0.0493	0.0276	0.00178	20.7	0.0351	7.11	0.00121	0.00121	0.00000613	0.00645	0.00107	0.0141	0.0202	0.00000615	17.4	0.0000164	0.000245
2068 Oct	68	0.0495	0.0277	0.00178	20.8	0.0352	7.12	0.00121	0.00121	0.00000614	0.00646	0.00108	0.0141	0.0203	0.00000616	17.4	0.0000164	0.000246
2068 Nov	68.3	0.0496	0.0278	0.00179	20.9	0.0353	7.15	0.00122	0.00122	0.00000616	0.00649	0.00108	0.0142	0.0203	0.00000618	17.5	0.0000165	0.000246
2068 Dec	68.3	0.0497	0.0278	0.00179	20.9	0.0353	7.15	0.00122	0.00122	0.00000617	0.00649	0.00108	0.0142	0.0203	0.00000619	17.5	0.0000165	0.000247
2069 Jan	68.4	0.0497	0.0278	0.00179	20.9	0.0353	7.16	0.00122	0.00122	0.00000617	0.00649	0.00108	0.0142	0.0204	0.00000619	17.5	0.0000165	0.000247
2069 Feb	68.4	0.0497	0.0278	0.00179	20.9	0.0353	7.16	0.00122	0.00122	0.00000617	0.0065	0.00108	0.0142	0.0204	0.00000619	17.5	0.0000165	0.000247
2069 Mar	68.4	0.0497	0.0278	0.00179	20.9	0.0353	7.16	0.00122	0.00122	0.00000617	0.0065	0.00108	0.0142	0.0204	0.00000619	17.5	0.0000165	0.000247
2069 Apr	68.5	0.0498	0.0279	0.0018	20.9	0.0354	7.17	0.00122	0.00122	0.00000618	0.00651	0.00108	0.0142	0.0204	0.0000062	17.6	0.0000165	0.000247
2069 May	69.8	0.0508	0.0284	0.00183	21.3	0.0361	7.31	0.00125	0.00125	0.0000063	0.00664	0.0011	0.0145	0.0208	0.00000632	17.9	0.0000168	0.000252
2069 Jun	67	0.0488	0.0271	0.00175	20.4	0.0345	7	0.00119	0.00119	0.00000604	0.00638	0.00106	0.0139	0.0201	0.00000606	17.2	0.0000162	0.000243
2069 Jul	69.4	0.0505	0.0281	0.00181	21.1	0.0357	7.25	0.00124	0.00124	0.00000625	0.00661	0.0011	0.0144	0.0208	0.00000627	17.9	0.0000168	0.000252
2069 Aug	71.7	0.0522	0.029	0.00187	21.8	0.0369	7.49	0.00128	0.00128	0.00000645	0.00682	0.00114	0.0148	0.0214	0.00000648	18.4	0.0000173	0.00026
2069 Sep	70.1	0.0511	0.0283	0.00182	21.3	0.0361	7.31	0.00125	0.00125	0.00000631	0.00667	0.00111	0.0145	0.021	0.00000633	18	0.0000169	0.000254
2069 Oct	67.1	0.049	0.027	0.00175	20.4	0.0346	7	0.00119	0.00119	0.00000604	0.0064	0.00107	0.0139	0.0201	0.00000606	17.3	0.0000163	0.000244
2069 Nov	67	0.0489	0.027	0.00174	20.4	0.0345	6.99	0.00119	0.00119	0.00000603	0.00639	0.00107	0.0139	0.0201	0.00000605	17.3	0.0000162	0.000243
2069 Dec	67	0.0489	0.027	0.00174	20.4	0.0345	6.99	0.00119	0.00119	0.00000603	0.00639	0.00107	0.0139	0.0201	0.00000605	17.3	0.0000162	0.000243
2070 Jan	67	0.0489	0.027	0.00174	20.4	0.0345	6.99	0.00119	0.00119	0.00000603	0.00639	0.00107	0.0139	0.0201	0.00000605	17.3	0.0000162	0.000243
2070 Feb	67	0.0489	0.027	0.00174	20.4	0.0345	6.99	0.00119	0.00119	0.00000603	0.00639	0.00107	0.0139	0.0201	0.00000605	17.3	0.0000162	0.000243
2070 Mar	67.1	0.0489	0.027	0.00174	20.4	0.0345	7	0.00119	0.00119	0.00000603	0.00639	0.00107	0.0139	0.0201	0.00000606	17.3	0.0000162	0.000243
2070 Apr	67.3	0.0491	0.0271	0.00175	20.5	0.0347	7.03	0.0012	0.0012	0.00000606	0.00642	0.00107	0.0139	0.0202	0.00000608	17.4	0.0000163	0.000244
2070 May	68	0.0497	0.0274	0.00177	20.7	0.035	7.1	0.00121	0.00121	0.00000612	0.00648	0.00108	0.0141	0.0204	0.00000614	17.5	0.0000165	0.000247
2070 Jun	65.5	0.0479	0.0264	0.0017	19.9	0.0337	6.85	0.00116	0.00116	0.00000588	0.00622	0.00104	0.0136	0.0196	0.0000059	16.8	0.0000158	0.000237
2070 Jul	68.5	0.0501	0.0276	0.00178	20.9	0.0352	7.16	0.00122	0.00122	0.00000615	0.00651	0.00109	0.0142	0.0205	0.00000617	17.6	0.0000165	0.000248
2070 Aug	71.2	0.052	0.0287	0.00185	21.7	0.0366	7.44	0.00126	0.00126	0.00000639	0.00677	0.00113	0.0147	0.0213	0.00000641	18.3	0.0000172	0.000258
2070 Sep	69.7	0.051	0.0281	0.00181	21.2	0.0359	7.29	0.00124	0.00124	0.00000626	0.00664	0.00111	0.0144	0.0209	0.00000628	18	0.0000168	0.000253
2070 Oct	68.1	0.0499	0.0273	0.00176	20.7	0.035	7.11	0.00121	0.00121	0.00000611	0.00649	0.00109	0.0141	0.0204	0.00000613	17.6	0.0000165	0.000247
2070 Nov	68.1	0.0499	0.0273	0.00176	20.7	0.035	7.11	0.00121	0.00121	0.00000611	0.00648	0.00108	0.0141	0.0204	0.00000613	17.6	0.0000165	0.000247
2070 Dec	68.1	0.0499	0.0273	0.00176	20.7	0.035	7.11	0.00121	0.00121	0.00000611	0.00648	0.00108	0.0141	0.0204	0.00000613	17.6	0.0000165	0.000247
2071 Jan	68.1	0.0499	0.0273	0.00176	20.7	0.035	7.11	0.00121	0.00121	0.00000611	0.00648	0.00108	0.0141	0.0204	0.00000613	17.6	0.0000165	0.000247
2071 Feb	68.1	0.0499	0.0273	0.00176	20.7	0.035	7.11	0.00121	0.00121	0.00000611	0.00648	0.00108	0.0141	0.0204	0.00000613	17.6	0.0000165	0.000247
2071 Mar	68.1	0.0499	0.0273	0.00176	20.7	0.035	7.11	0.00121	0.00121	0.00000611	0.00649	0.00108	0.0141	0.0204	0.00000613	17.6	0.0000165	0.000247
2071 Apr	68.2	0.05	0.0273	0.00177	20.7	0.0351	7.12	0.00121	0.00121	0.00000612	0.0065	0.00109	0.0141	0.0205	0.00000614	17.6	0.0000165	0.000248
2071 May	68.1	0.05	0.0273	0.00176	20.7	0.035	7.11	0.00121	0.00121	0.00000611	0.00648	0.00108	0.0141	0.0204	0.00000613	17.6	0.0000165	0.000247
2071 Jun	63.8	0.0469	0.0256	0.00165	19.5	0.0328	6.69	0.00113	0.00113	0.00000571	0.00605	0.00101	0.0132	0.0191	0.00000573	16.4	0.0000153	0.000231
2071 Jul	65.5	0.0482	0.0263	0.00169	20	0.0337	6.88	0.00116	0.00116	0.00000585	0.0062	0.00104	0.0136	0.0196	0.00000587	16.9	0.0000157	0.000237
2071 Aug	68.2	0.0502	0.0274	0.00176	20.8	0.0351	7.16	0.00121	0.00121	0.0000061	0.00646	0.00108	0.0141	0.0204	0.00000612	17.6	0.0000164	0.000247
2071 Sep	67.5	0.0496	0.0271	0.00174	20.6	0.0347	7.08	0.00119	0.00119	0.00000603	0.00638	0.00107	0.014	0.0202	0.00000605	17.4	0.0000162	0.000244
2071 Oct	66.6	0.049	0.0267	0.00172	20.3	0.0342	6.99	0.00118	0.00118	0.00000595	0.00631	0.00106	0.0138	0.0199	0.00000597	17.2	0.000016	0.000241
2071 Nov	66.5	0.049	0.0266	0.00172	20.3	0.0342	6.97	0.00117	0.00117	0.00000594	0.0063	0.00106	0.0138	0.0199	0.00000596	17.1	0.000016	0.000241
2071 Dec	66.5	0.049	0.0266	0.00172	20.3	0.0342	6.97	0.00117	0.00117	0.00000594	0.0063	0.00106	0.0138	0.0199	0.00000596	17.1	0.000016	0.000241
2072 Jan	66.5	0.049	0.0266	0.00172	20.3	0.0342	6.97	0.00117	0.00117	0.00000594	0.0063	0.00106	0.0138	0.0199	0.00000596	17.1	0.000016	0.000241
2072 Feb	66.5	0.049	0.0266	0.00172	20.3	0.0342	6.97	0.00117	0.00117	0.00000594	0.0063	0.00106	0.0138	0.0199	0.00000596	17.1	0.000016	0.000241
2072 Mar	66.5	0.049	0.0266	0.00172	20.3	0.0342	6.98	0.00117	0.00117	0.00000594	0.0063	0.00106	0.0138	0.0199	0.00000596	17.1	0.000016	0.000241
2072 Apr	66.7	0.0492	0.0267	0.00172	20.3	0.0343	7	0.00118	0.00118	0.00000596	0.00632	0.00106	0.0138	0.02	0.00000598	17.2	0.000016	0.000242
2072 May	67.8	0.05	0.0272	0.00175	20.7	0.0349	7.11	0.0012	0.0012	0.00000606	0.00643	0.00108	0.014	0.0203	0.00000608	17.5	0.0000163	0.000246
2072 Jun	66.7	0.0492	0.0266	0.00172	20.3	0.0343	6.99	0.00118	0.00118	0.00000595	0.00633	0.00106	0.0138	0.02	0.00000597	17.2	0.000016	0.000242
2072 Jul	67.9	0.0501	0.0271	0.00175	20.7	0.0349	7.11	0.0012	0.0012	0.00000606	0.00644	0.00108	0.014	0.0204	0.00000608	17.5	0.0000163	0.000246
2072 Aug	67.6	0.05	0.027	0.00174	20.6	0.0348	7.09	0.00119	0.00119	0.00000604	0.00642	0.00108	0.014	0.0203	0.00000606	17.5	0.0000163	0.000246
2072 Sep	66.8	0.0493	0.0266	0.00172	20.3	0.0343	7	0.00118	0.00118	0.00000596	0.00634	0.00106	0.0138	0.02	0.00000598	17.2	0.0000161	0.000242
2072 Oct	64.7	0.0478	0.0258	0.00167	19.7	0.0333	6.79	0.00114	0.00114	0.00000577	0.00613	0.00103	0.0134	0.0194	0.00000579	16.6	0.0000155	0.000234
2072 Nov	64.5	0.0476	0.0257	0.00166	19.7	0.0332	6.78	0.00114	0.00114	0.00000576	0.00612	0.00102	0.0134	0.0193	0.00000578	16.6	0.0000155	0.000234

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2072 Dec	64.5	0.0477	0.0257	0.00166	19.7	0.0332	6.78	0.00114	0.00114	0.00000576	0.00612	0.00103	0.0134	0.0193	0.00000578	16.6	0.0000155	0.000234
2073 Jan	64.5	0.0477	0.0257	0.00166	19.7	0.0332	6.78	0.00114	0.00114	0.00000576	0.00612	0.00103	0.0134	0.0193	0.00000578	16.6	0.0000155	0.000234
2073 Feb	64.5	0.0477	0.0257	0.00166	19.7	0.0332	6.78	0.00114	0.00114	0.00000576	0.00612	0.00103	0.0134	0.0193	0.00000578	16.6	0.0000155	0.000234
2073 Mar	64.5	0.0477	0.0257	0.00166	19.7	0.0332	6.78	0.00114	0.00114	0.00000576	0.00612	0.00103	0.0134	0.0193	0.00000578	16.6	0.0000155	0.000234
2073 Apr	65	0.048	0.0259	0.00167	19.8	0.0335	6.83	0.00115	0.00115	0.0000058	0.00616	0.00103	0.0135	0.0194	0.00000582	16.7	0.0000156	0.000235
2073 May	65.1	0.0481	0.0259	0.00168	19.8	0.0335	6.84	0.00115	0.00115	0.00000581	0.00617	0.00103	0.0135	0.0195	0.00000583	16.7	0.0000156	0.000236
2073 Jun	62.4	0.0462	0.0249	0.00161	19	0.0322	6.58	0.0011	0.0011	0.00000556	0.0059	0.000989	0.013	0.0186	0.00000558	16	0.0000149	0.000225
2073 Jul	64.1	0.0474	0.0256	0.00165	19.6	0.0331	6.77	0.00113	0.00113	0.00000572	0.00606	0.00102	0.0134	0.0191	0.00000574	16.5	0.0000153	0.000232
2073 Aug	66.4	0.0491	0.0265	0.00171	20.3	0.0343	7.01	0.00117	0.00117	0.00000592	0.00628	0.00105	0.0139	0.0198	0.00000594	17	0.0000158	0.00024
2073 Sep	66	0.0489	0.0264	0.0017	20.2	0.0341	6.97	0.00116	0.00116	0.00000589	0.00624	0.00105	0.0138	0.0197	0.00000591	16.9	0.0000158	0.000238
2073 Oct	64.5	0.0478	0.0257	0.00166	19.7	0.0333	6.8	0.00114	0.00114	0.00000575	0.00611	0.00102	0.0135	0.0193	0.00000577	16.6	0.0000154	0.000233
2073 Nov	64.3	0.0477	0.0256	0.00165	19.6	0.0332	6.77	0.00113	0.00113	0.00000573	0.00609	0.00102	0.0134	0.0192	0.00000575	16.5	0.0000154	0.000233
2073 Dec	64.3	0.0477	0.0256	0.00165	19.6	0.0332	6.77	0.00113	0.00113	0.00000573	0.00609	0.00102	0.0134	0.0192	0.00000575	16.5	0.0000154	0.000233
2074 Jan	64.3	0.0477	0.0256	0.00165	19.6	0.0332	6.78	0.00113	0.00113	0.00000573	0.00609	0.00102	0.0134	0.0192	0.00000575	16.5	0.0000154	0.000233
2074 Feb	64.3	0.0477	0.0256	0.00165	19.6	0.0332	6.78	0.00113	0.00113	0.00000573	0.00609	0.00102	0.0134	0.0192	0.00000575	16.5	0.0000154	0.000233
2074 Mar	64.4	0.0477	0.0256	0.00165	19.6	0.0332	6.78	0.00113	0.00113	0.00000573	0.00609	0.00102	0.0134	0.0192	0.00000575	16.6	0.0000154	0.000233
2074 Apr	64.7	0.048	0.0257	0.00166	19.7	0.0334	6.82	0.00114	0.00114	0.00000577	0.00613	0.00103	0.0135	0.0193	0.00000579	16.7	0.0000155	0.000234
2074 May	64.7	0.0481	0.0257	0.00166	19.7	0.0334	6.82	0.00114	0.00114	0.00000576	0.00613	0.00103	0.0135	0.0194	0.00000578	16.7	0.0000155	0.000234
2074 Jun	60.3	0.0447	0.024	0.00155	18.4	0.0311	6.38	0.00106	0.00106	0.00000534	0.00566	0.000954	0.0126	0.018	0.00000536	15.5	0.0000143	0.000217
2074 Jul	63.2	0.0469	0.0252	0.00162	19.4	0.0326	6.7	0.00111	0.00111	0.00000561	0.00594	0.001	0.0132	0.0188	0.00000563	16.2	0.000015	0.000228
2074 Aug	66.7	0.0495	0.0266	0.00171	20.4	0.0344	7.07	0.00117	0.00117	0.00000592	0.00626	0.00106	0.0139	0.0199	0.00000594	17.1	0.0000158	0.000241
2074 Sep	65.7	0.0488	0.0262	0.00169	20.1	0.0339	6.97	0.00115	0.00115	0.00000583	0.00617	0.00104	0.0137	0.0196	0.00000585	16.9	0.0000155	0.000237
2074 Oct	65	0.0483	0.0259	0.00167	19.9	0.0335	6.89	0.00114	0.00114	0.00000576	0.0061	0.00103	0.0136	0.0194	0.00000578	16.7	0.0000154	0.000234
2074 Nov	65.1	0.0483	0.0259	0.00167	19.9	0.0335	6.89	0.00114	0.00114	0.00000577	0.00611	0.00103	0.0136	0.0194	0.00000579	16.7	0.0000154	0.000234
2074 Dec	65.1	0.0484	0.0259	0.00167	19.9	0.0336	6.9	0.00114	0.00114	0.00000577	0.00611	0.00103	0.0136	0.0194	0.00000579	16.7	0.0000154	0.000235
2075 Jan	65.1	0.0484	0.0259	0.00167	19.9	0.0336	6.9	0.00114	0.00114	0.00000577	0.00611	0.00103	0.0136	0.0194	0.00000579	16.7	0.0000154	0.000235
2075 Feb	65.1	0.0484	0.0259	0.00167	19.9	0.0336	6.9	0.00114	0.00114	0.00000577	0.00611	0.00103	0.0136	0.0194	0.00000579	16.7	0.0000154	0.000235
2075 Mar	65.2	0.0484	0.026	0.00167	20	0.0336	6.91	0.00114	0.00114	0.00000578	0.00612	0.00103	0.0136	0.0194	0.0000058	16.7	0.0000154	0.000235
2075 Apr	65.5	0.0487	0.0261	0.00168	20.1	0.0338	6.94	0.00115	0.00115	0.00000581	0.00615	0.00104	0.0137	0.0195	0.00000583	16.8	0.0000155	0.000236
2075 May	66.4	0.0494	0.0265	0.0017	20.3	0.0343	7.04	0.00116	0.00116	0.00000589	0.00624	0.00105	0.0139	0.0198	0.00000591	17	0.0000157	0.000239
2075 Jun	63.2	0.047	0.025	0.00161	19.3	0.0325	6.68	0.00111	0.00111	0.0000056	0.00595	0.001	0.0132	0.0189	0.00000562	16.3	0.000015	0.000228
2075 Jul	63.6	0.0473	0.0252	0.00162	19.4	0.0327	6.73	0.00111	0.00111	0.00000563	0.00598	0.00101	0.0133	0.019	0.00000565	16.3	0.0000151	0.00023
2075 Aug	65.4	0.0486	0.0259	0.00167	20	0.0337	6.92	0.00114	0.00114	0.00000579	0.00615	0.00104	0.0137	0.0195	0.00000581	16.8	0.0000155	0.000236
2075 Sep	66.2	0.0493	0.0262	0.00169	20.2	0.0341	7.01	0.00116	0.00116	0.00000586	0.00623	0.00105	0.0138	0.0198	0.00000588	17	0.0000157	0.000239
2075 Oct	65.9	0.049	0.0261	0.00168	20.1	0.0339	6.98	0.00115	0.00115	0.00000583	0.00619	0.00104	0.0138	0.0197	0.00000585	16.9	0.0000156	0.000238
2075 Nov	66	0.0492	0.0262	0.00169	20.2	0.034	6.99	0.00115	0.00115	0.00000585	0.00621	0.00105	0.0138	0.0197	0.00000587	17	0.0000156	0.000239
2075 Dec	66.1	0.0492	0.0262	0.00169	20.2	0.034	7	0.00116	0.00116	0.00000585	0.00621	0.00105	0.0138	0.0197	0.00000587	17	0.0000157	0.000239
2076 Jan	66.1	0.0492	0.0262	0.00169	20.2	0.034	7	0.00116	0.00116	0.00000585	0.00621	0.00105	0.0138	0.0197	0.00000587	17	0.0000157	0.000239
2076 Feb	66.1	0.0492	0.0262	0.00169	20.2	0.034	7	0.00116	0.00116	0.00000585	0.00622	0.00105	0.0138	0.0197	0.00000587	17	0.0000157	0.000239
2076 Mar	66.2	0.0493	0.0262	0.00169	20.2	0.0341	7.01	0.00116	0.00116	0.00000586	0.00622	0.00105	0.0138	0.0198	0.00000588	17	0.0000157	0.000239
2076 Apr	66.4	0.0494	0.0263	0.0017	20.3	0.0342	7.03	0.00116	0.00116	0.00000588	0.00624	0.00105	0.0139	0.0198	0.0000059	17.1	0.0000157	0.00024
2076 May	67.2	0.05	0.0265	0.00171	20.5	0.0346	7.1	0.00117	0.00117	0.00000594	0.00632	0.00107	0.014	0.0201	0.00000596	17.3	0.0000159	0.000243
2076 Jun	63.2	0.0471	0.0249	0.0016	19.3	0.0324	6.68	0.0011	0.0011	0.00000558	0.00594	0.00101	0.0132	0.0189	0.0000056	16.3	0.000015	0.000229
2076 Jul	64.9	0.0483	0.0256	0.00165	19.8	0.0333	6.87	0.00113	0.00113	0.00000572	0.00609	0.00103	0.0135	0.0194	0.00000574	16.7	0.0000154	0.000235
2076 Aug	67.9	0.0505	0.0268	0.00173	20.7	0.0348	7.19	0.00118	0.00118	0.00000599	0.00638	0.00108	0.0142	0.0203	0.00000601	17.5	0.0000161	0.000246
2076 Sep	68.8	0.0512	0.0271	0.00175	21	0.0353	7.28	0.0012	0.0012	0.00000607	0.00646	0.00109	0.0143	0.0206	0.00000609	17.7	0.0000163	0.000249
2076 Oct	67.4	0.0502	0.0266	0.00171	20.6	0.0346	7.14	0.00118	0.00118	0.00000595	0.00634	0.00107	0.0141	0.0202	0.00000597	17.4	0.000016	0.000244
2076 Nov	67.3	0.0501	0.0265	0.00171	20.5	0.0345	7.12	0.00117	0.00117	0.00000594	0.00632	0.00107	0.014	0.0201	0.00000596	17.3	0.0000159	0.000244
2076 Dec	67.3	0.0501	0.0265	0.00171	20.5	0.0345	7.12	0.00117	0.00117	0.00000594	0.00632	0.00107	0.014	0.0201	0.00000596	17.3	0.000016	0.000244
2077 Jan	67.3	0.0501	0.0265	0.00171	20.5	0.0345	7.13	0.00117	0.00117	0.00000594	0.00632	0.00107	0.014	0.0201	0.00000596	17.3	0.000016	0.000244
2077 Feb	67.3	0.0501	0.0265	0.00171	20.5	0.0346	7.13	0.00117	0.00117	0.00000594	0.00632	0.00107	0.014	0.0201	0.00000596	17.3	0.000016	0.000244
2077 Mar	67.4	0.0501	0.0265	0.00171	20.6	0.0346	7.13	0.00117	0.00117	0.00000594	0.00633	0.00107	0.0141	0.0202	0.00000596	17.3	0.000016	0.000244
2077 Apr	67.6	0.0503	0.0266	0.00172	20.6	0.0347	7.16	0.00118	0.00118	0.00000597	0.00635	0.00107	0.0141	0.0202	0.00000599	17.4	0.000016	0.000245
2077 May	68	0.0507	0.0268	0.00173	20.7	0.0349	7.2	0.00119	0.00119	0.000006	0.0064	0.00108	0.0142	0.0204	0.00000602	17.5	0.0000161	0.000247
2077 Jun	64.1	0.0478	0.0251	0.00162	19.5	0.0328	6.78	0.00111	0.00111	0.00000564	0.00602	0.00102	0.0133	0.0193	0.00000566	16.6	0.0000152	0.000233
2077 Jul	67.3	0.0501	0.0264	0.0017	20.5	0.0344	7.11	0.00117	0.00117	0.00000592	0.00632	0.00107	0.014	0.0202	0.00000594	17.4	0.000016	0.000245
2077 Aug	70.5	0.0525	0.0276	0.00178	21.5	0.036	7.45	0.00122	0.00122	0.0000062	0.00662	0.00112	0.0147	0.0212	0.00000622	18.2	0.0000167	0.000256
2077 Sep	68.4	0.051	0.0268	0.00172	20.8	0.0349	7.22	0.00119	0.00119	0.00000601	0.00643	0.00109	0.0142	0.0206	0.00000603	17.7	0.0000162	0.000249
2077 Oct	68	0.0508	0.0266	0.00171	20.7	0.0347	7.18	0.00118	0.00118	0.00000598	0.0064	0.00109	0.0141	0.0205	0.000006	17.6	0.0000162	0.000248
2077 Nov	68.2	0.0509	0.0266	0.00172	20.7	0.0348	7.2	0.00118	0.00118	0.00000599	0.00642	0.00109	0.0142	0.0206	0.00000602	17.7	0.0000162	0.000249
2077 Dec	68.2	0.0509	0.0267	0.00172	20.7	0.0349	7.2	0.00119	0.00119	0.000006	0.00642	0.00109	0.0142	0.0206	0.00000602	17.7	0.0000162	0.000249
2078 Jan	68.3	0.0509	0.0267	0.00172	20.7	0.0349	7.2	0.00119	0.00119	0.000006	0.00642	0.00109	0.0142	0.0206	0.00000602	17.7	0.0000162	0.000249
2078 Feb	68.3	0.051	0.0267	0.00172	20.7	0.0349	7.2	0.00119	0.00119	0.000006	0.00642	0.00109	0.0142	0.0206	0.00000602	17.7	0.0000162	0.000249
2078 Mar	68.3	0.051	0.0267	0.00172	20.7	0.0349	7.2	0.00119	0.00119	0.000006	0.00642	0.00109	0.0142	0.0206	0.00000602	17.7	0.0000162	0.000249
2078 Apr	68.8	0.0513	0.0269	0.00173	20.9	0.0351	7.25	0.00119	0.00119	0.00000604	0.00647	0.0011	0.0143	0.0207	0.00000606	17.8	0.0000163	0.000251
2078 May	68.1	0.0509	0.0266	0.00171	20.7	0.0347	7.19	0.00118	0.00118	0.00000598	0.0064	0.00109	0.0141	0.0206	0.000006	17.7	0.0000162	0.000249
2078 Jun	63.8	0.0475	0.0249	0.0016	19.4	0.0324	6.75	0.0011	0.0011	0.00000558	0.00596	0.00102	0.0133	0.0192	0.0000056	16.5	0.0000151	0.000232

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Jul	67	0.0499	0.0262	0.00168	20.4	0.034	7.09	0.00116	0.00116	0.00000586	0.00626	0.00107	0.0139	0.0202	0.00000588	17.3	0.0000158	0.000244
2078 Aug	68.8	0.0513	0.0269	0.00173	20.9	0.035	7.28	0.00119	0.00119	0.00000602	0.00643	0.0011	0.0143	0.0207	0.00000604	17.8	0.0000163	0.000251
2078 Sep	69.6	0.0519	0.0272	0.00175	21.2	0.0354	7.37	0.0012	0.0012	0.00000609	0.0065	0.00111	0.0145	0.021	0.00000611	18	0.0000165	0.000253
2078 Oct	69.1	0.0515	0.027	0.00173	21	0.0351	7.31	0.00119	0.00119	0.00000604	0.00645	0.0011	0.0144	0.0208	0.00000606	17.9	0.0000163	0.000252
2078 Nov	69.1	0.0515	0.027	0.00174	21	0.0351	7.32	0.00119	0.00119	0.00000604	0.00646	0.0011	0.0144	0.0208	0.00000607	17.9	0.0000163	0.000252
2078 Dec	69.2	0.0515	0.027	0.00174	21.1	0.0352	7.32	0.00119	0.00119	0.00000605	0.00646	0.0011	0.0144	0.0208	0.00000607	17.9	0.0000163	0.000252
2079 Jan	69.2	0.0515	0.027	0.00174	21.1	0.0352	7.32	0.00119	0.00119	0.00000605	0.00646	0.0011	0.0144	0.0208	0.00000607	17.9	0.0000163	0.000252
2079 Feb	69.2	0.0515	0.027	0.00174	21.1	0.0352	7.32	0.00119	0.00119	0.00000605	0.00646	0.0011	0.0144	0.0208	0.00000607	17.9	0.0000163	0.000252
2079 Mar	69.2	0.0516	0.027	0.00174	21.1	0.0352	7.33	0.0012	0.0012	0.00000605	0.00646	0.0011	0.0144	0.0209	0.00000607	17.9	0.0000164	0.000252
2079 Apr	69.5	0.0518	0.0271	0.00174	21.2	0.0353	7.35	0.0012	0.0012	0.00000608	0.00649	0.00111	0.0144	0.0209	0.0000061	18	0.0000164	0.000253
2079 May	70.6	0.0526	0.0276	0.00177	21.5	0.0359	7.47	0.00122	0.00122	0.00000617	0.00659	0.00113	0.0147	0.0213	0.0000062	18.3	0.0000167	0.000257
2079 Jun	66.2	0.0493	0.0257	0.00165	20.1	0.0335	6.99	0.00114	0.00114	0.00000577	0.00618	0.00106	0.0137	0.0201	0.00000579	17.2	0.0000157	0.000242
2079 Jul	66.9	0.0498	0.026	0.00167	20.3	0.0338	7.07	0.00115	0.00115	0.00000583	0.00624	0.00107	0.0139	0.0203	0.00000585	17.4	0.0000158	0.000245
2079 Aug	69.7	0.0519	0.027	0.00174	21.2	0.0352	7.36	0.0012	0.0012	0.00000607	0.00649	0.00111	0.0144	0.0211	0.00000609	18.1	0.0000165	0.000255
2079 Sep	69.2	0.0515	0.0269	0.00172	21	0.035	7.31	0.00119	0.00119	0.00000602	0.00645	0.00111	0.0143	0.0209	0.00000604	18	0.0000164	0.000253
2079 Oct	68.5	0.051	0.0265	0.0017	20.8	0.0346	7.23	0.00118	0.00118	0.00000596	0.00639	0.0011	0.0142	0.0208	0.00000598	17.8	0.0000162	0.000251
2079 Nov	68.2	0.0508	0.0264	0.0017	20.7	0.0345	7.2	0.00117	0.00117	0.00000594	0.00637	0.00109	0.0141	0.0207	0.00000596	17.8	0.0000162	0.00025
2079 Dec	68.1	0.0507	0.0263	0.00169	20.6	0.0344	7.18	0.00117	0.00117	0.00000592	0.00636	0.00109	0.0141	0.0207	0.00000594	17.7	0.0000161	0.000249
2080 Jan	68.1	0.0507	0.0263	0.00169	20.6	0.0344	7.18	0.00117	0.00117	0.00000592	0.00636	0.00109	0.0141	0.0207	0.00000594	17.7	0.0000161	0.000249
2080 Feb	68.1	0.0507	0.0263	0.00169	20.6	0.0344	7.18	0.00117	0.00117	0.00000592	0.00636	0.00109	0.0141	0.0207	0.00000594	17.7	0.0000161	0.000249
2080 Mar	68.1	0.0507	0.0263	0.00169	20.6	0.0344	7.18	0.00117	0.00117	0.00000592	0.00636	0.00109	0.0141	0.0207	0.00000594	17.7	0.0000161	0.000249
2080 Apr	68.2	0.0509	0.0264	0.0017	20.7	0.0345	7.2	0.00117	0.00117	0.00000594	0.00638	0.00109	0.0141	0.0207	0.00000596	17.8	0.0000162	0.00025
2080 May	69.4	0.0517	0.0268	0.00172	21	0.035	7.32	0.00119	0.00119	0.00000604	0.00648	0.00111	0.0143	0.0211	0.00000606	18.1	0.0000165	0.000254
2080 Jun	67.4	0.0502	0.0261	0.00168	20.4	0.0341	7.12	0.00116	0.00116	0.00000587	0.0063	0.00108	0.014	0.0204	0.00000589	17.6	0.000016	0.000247
2080 Jul	67.5	0.0502	0.0261	0.00168	20.5	0.0341	7.14	0.00116	0.00116	0.00000588	0.00631	0.00108	0.014	0.0204	0.0000059	17.6	0.000016	0.000247
2080 Aug	69.2	0.0515	0.0268	0.00172	21	0.035	7.32	0.00119	0.00119	0.00000603	0.00647	0.00111	0.0144	0.021	0.00000605	18	0.0000164	0.000253
2080 Sep	68.9	0.0513	0.0266	0.00171	20.9	0.0348	7.28	0.00119	0.00119	0.000006	0.00645	0.00111	0.0143	0.0209	0.00000602	17.9	0.0000164	0.000253
2080 Oct	68.4	0.0509	0.0264	0.0017	20.7	0.0346	7.22	0.00118	0.00118	0.00000595	0.0064	0.0011	0.0142	0.0207	0.00000598	17.8	0.0000163	0.000251
2080 Nov	67.9	0.0505	0.0262	0.00169	20.6	0.0343	7.17	0.00117	0.00117	0.00000591	0.00636	0.00109	0.0141	0.0206	0.00000594	17.7	0.0000161	0.000249
2080 Dec	67.9	0.0505	0.0262	0.00169	20.6	0.0343	7.17	0.00117	0.00117	0.00000591	0.00636	0.00109	0.0141	0.0206	0.00000594	17.7	0.0000161	0.000249
2081 Jan	67.9	0.0505	0.0262	0.00169	20.6	0.0343	7.17	0.00117	0.00117	0.00000592	0.00636	0.00109	0.0141	0.0206	0.00000594	17.7	0.0000161	0.000249
2081 Feb	67.9	0.0505	0.0262	0.00169	20.6	0.0343	7.17	0.00117	0.00117	0.00000592	0.00636	0.00109	0.0141	0.0206	0.00000594	17.7	0.0000161	0.000249
2081 Mar	68	0.0505	0.0262	0.00169	20.6	0.0343	7.17	0.00117	0.00117	0.00000592	0.00636	0.00109	0.0141	0.0206	0.00000594	17.7	0.0000162	0.000249
2081 Apr	68.2	0.0507	0.0263	0.00169	20.7	0.0345	7.2	0.00117	0.00117	0.00000594	0.00639	0.00109	0.0142	0.0207	0.00000596	17.8	0.0000162	0.00025
2081 May	68.4	0.0508	0.0264	0.0017	20.7	0.0346	7.22	0.00118	0.00118	0.00000596	0.00641	0.0011	0.0142	0.0207	0.00000598	17.8	0.0000163	0.000251
2081 Jun	65.9	0.0489	0.0254	0.00164	20	0.0333	6.97	0.00113	0.00113	0.00000573	0.00616	0.00105	0.0137	0.0199	0.00000576	17.1	0.0000156	0.000241
2081 Jul	69.7	0.0517	0.0269	0.00173	21.1	0.0353	7.38	0.0012	0.0012	0.00000607	0.00651	0.00112	0.0145	0.021	0.00000609	18.1	0.0000165	0.000255
2081 Aug	73.6	0.0546	0.0284	0.00183	22.3	0.0372	7.79	0.00127	0.00127	0.00000641	0.00688	0.00118	0.0153	0.0222	0.00000643	19.1	0.0000175	0.000269
2081 Sep	73.8	0.0547	0.0285	0.00184	22.4	0.0373	7.81	0.00127	0.00127	0.00000643	0.0069	0.00118	0.0154	0.0223	0.00000645	19.1	0.0000175	0.00027
2081 Oct	73.7	0.0547	0.0285	0.00183	22.4	0.0373	7.81	0.00127	0.00127	0.00000642	0.00689	0.00118	0.0154	0.0223	0.00000644	19.1	0.0000175	0.00027
2081 Nov	73.1	0.0542	0.0282	0.00182	22.2	0.037	7.73	0.00126	0.00126	0.00000636	0.00683	0.00117	0.0152	0.0221	0.00000638	19	0.0000173	0.000267
2081 Dec	73.1	0.0542	0.0282	0.00182	22.2	0.037	7.73	0.00126	0.00126	0.00000636	0.00683	0.00117	0.0152	0.0221	0.00000638	19	0.0000173	0.000267
2082 Jan	73.1	0.0542	0.0282	0.00182	22.2	0.037	7.73	0.00126	0.00126	0.00000636	0.00683	0.00117	0.0152	0.0221	0.00000638	19	0.0000173	0.000267
2082 Feb	73.1	0.0542	0.0282	0.00182	22.2	0.037	7.73	0.00126	0.00126	0.00000636	0.00683	0.00117	0.0152	0.0221	0.00000639	19	0.0000173	0.000267
2082 Mar	73.1	0.0543	0.0282	0.00182	22.2	0.037	7.74	0.00126	0.00126	0.00000637	0.00684	0.00117	0.0152	0.0221	0.00000639	19	0.0000173	0.000267
2082 Apr	73.4	0.0544	0.0283	0.00182	22.3	0.0371	7.76	0.00126	0.00126	0.00000639	0.00686	0.00117	0.0153	0.0222	0.00000641	19	0.0000174	0.000268
2082 May	74.5	0.0553	0.0288	0.00185	22.6	0.0377	7.89	0.00128	0.00128	0.00000649	0.00697	0.00119	0.0155	0.0225	0.00000651	19.3	0.0000177	0.000272
2082 Jun	70.1	0.052	0.027	0.00174	21.2	0.0355	7.41	0.00121	0.00121	0.00000612	0.00659	0.00113	0.0146	0.0212	0.00000614	18.2	0.0000167	0.000257
2082 Jul	68.7	0.0508	0.0264	0.00171	20.8	0.0348	7.27	0.00119	0.00119	0.000006	0.00647	0.0011	0.0144	0.0207	0.00000602	17.8	0.0000164	0.000252
2082 Aug	71.5	0.0529	0.0275	0.00178	21.6	0.0362	7.56	0.00123	0.00123	0.00000624	0.00672	0.00115	0.0149	0.0216	0.00000626	18.5	0.0000171	0.000262
2082 Sep	72.4	0.0535	0.0278	0.0018	21.9	0.0367	7.65	0.00125	0.00125	0.00000631	0.00681	0.00116	0.0151	0.0218	0.00000634	18.8	0.0000173	0.000265
2082 Oct	70.2	0.0519	0.0269	0.00174	21.2	0.0356	7.42	0.00121	0.00121	0.00000613	0.00661	0.00113	0.0147	0.0212	0.00000615	18.2	0.0000168	0.000258
2082 Nov	70.3	0.0521	0.027	0.00175	21.3	0.0357	7.43	0.00121	0.00121	0.00000614	0.00663	0.00113	0.0147	0.0212	0.00000616	18.3	0.0000168	0.000258
2082 Dec	70.4	0.0521	0.027	0.00175	21.3	0.0357	7.44	0.00121	0.00121	0.00000614	0.00663	0.00113	0.0147	0.0213	0.00000617	18.3	0.0000169	0.000258
2083 Jan	70.4	0.0521	0.027	0.00175	21.3	0.0357	7.44	0.00121	0.00121	0.00000615	0.00663	0.00113	0.0147	0.0213	0.00000617	18.3	0.0000169	0.000258
2083 Feb	70.4	0.0521	0.027	0.00175	21.3	0.0357	7.44	0.00121	0.00121	0.00000615	0.00663	0.00113	0.0147	0.0213	0.00000617	18.3	0.0000169	0.000258
2083 Mar	70.5	0.0522	0.027	0.00175	21.3	0.0357	7.45	0.00122	0.00122	0.00000615	0.00664	0.00113	0.0147	0.0213	0.00000618	18.3	0.0000169	0.000259
2083 Apr	70.8	0.0524	0.0272	0.00176	21.4	0.0359	7.48	0.00122	0.00122	0.00000618	0.00667	0.00114	0.0148	0.0214	0.0000062	18.4	0.0000169	0.00026
2083 May	71.3	0.0528	0.0273	0.00177	21.6	0.0362	7.53	0.00123	0.00123	0.00000623	0.00673	0.00115	0.0149	0.0216	0.00000625	18.5	0.0000171	0.000262
2083 Jun	66.6	0.0492	0.0255	0.00165	20.1	0.0338	7.05	0.00115	0.00115	0.00000582	0.00628	0.00107	0.014	0.0201	0.00000584	17.3	0.000016	0.000245
2083 Jul	68.4	0.0504	0.0262	0.0017	20.7	0.0346	7.24	0.00118	0.00118	0.00000597	0.00644	0.0011	0.0143	0.0206	0.00000599	17.7	0.0000164	0.000251
2083 Aug	69.8	0.0515	0.0268	0.00173	21.1	0.0354	7.39	0.0012	0.0012	0.00000609	0.00658	0.00112	0.0147	0.021	0.00000612	18.1	0.0000167	0.000256
2083 Sep	69.3	0.0511	0.0265	0.00172	21	0.0351	7.33	0.00119	0.00119	0.00000605	0.00654	0.00111	0.0145	0.0209	0.00000607	18	0.0000166	0.000255
2083 Oct	67.2	0.0496	0.0257	0.00167	20.3	0.0341	7.11	0.00116	0.00116	0.00000587	0.00634	0.00108	0.0141	0.0203	0.00000589	17.4	0.0000161	0.000247
2083 Nov	66.7	0.0491	0.0255	0.00165	20.1	0.0338	7.05	0.00115	0.00115	0.00000582	0.00629	0.00107	0.014	0.0201	0.00000584	17.3	0.000016	0.000245
2083 Dec	66.7	0.0492	0.0255	0.00165	20.2	0.0338	7.05	0.00115	0.00115	0.00000582	0.00629	0.00107	0.014	0.0201	0.00000584	17.3	0.000016	0.000245
2084 Jan	66.7	0.0492	0.0255	0.00165	20.2	0.0338	7.05	0.00115	0.00115	0.00000582	0.00629	0.00107	0.014	0.0201	0.00000584	17.3	0.000016	0.000245

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Feb	66.7	0.0492	0.0255	0.00165	20.2	0.0338	7.06	0.00115	0.00115	0.00000582	0.00629	0.00107	0.014	0.0201	0.00000584	17.3	0.000016	0.000245
2084 Mar	66.7	0.0492	0.0255	0.00165	20.2	0.0338	7.06	0.00115	0.00115	0.00000583	0.0063	0.00107	0.014	0.0201	0.00000585	17.3	0.000016	0.000245
2084 Apr	67.2	0.0495	0.0257	0.00166	20.3	0.034	7.11	0.00116	0.00116	0.00000586	0.00634	0.00108	0.0141	0.0203	0.00000588	17.4	0.0000161	0.000247
2084 May	67.6	0.0498	0.0258	0.00167	20.4	0.0343	7.15	0.00116	0.00116	0.0000059	0.00638	0.00109	0.0142	0.0204	0.00000592	17.5	0.0000162	0.000248
2084 Jun	63.3	0.0465	0.0242	0.00157	19.2	0.0321	6.72	0.00109	0.00109	0.00000551	0.00594	0.00101	0.0133	0.019	0.00000553	16.3	0.0000151	0.000232
2084 Jul	65.5	0.0482	0.0251	0.00162	19.9	0.0332	6.96	0.00113	0.00113	0.00000571	0.00615	0.00105	0.0138	0.0197	0.00000573	16.9	0.0000157	0.00024
2084 Aug	67.8	0.0499	0.026	0.00168	20.6	0.0344	7.2	0.00117	0.00117	0.00000591	0.00637	0.00109	0.0143	0.0204	0.00000593	17.5	0.0000162	0.000248
2084 Sep	67.6	0.0498	0.0259	0.00168	20.5	0.0343	7.19	0.00116	0.00116	0.00000589	0.00635	0.00108	0.0142	0.0203	0.00000591	17.5	0.0000162	0.000248
2084 Oct	66.5	0.0489	0.0254	0.00165	20.1	0.0337	7.06	0.00114	0.00114	0.00000579	0.00625	0.00107	0.014	0.02	0.00000581	17.2	0.0000159	0.000244
2084 Nov	66.1	0.0487	0.0252	0.00164	20	0.0335	7.01	0.00114	0.00114	0.00000576	0.00622	0.00106	0.0139	0.0199	0.00000578	17.1	0.0000158	0.000242
2084 Dec	66.1	0.0487	0.0252	0.00164	20	0.0335	7.01	0.00114	0.00114	0.00000576	0.00622	0.00106	0.0139	0.0199	0.00000578	17.1	0.0000158	0.000242
2085 Jan	66.1	0.0487	0.0252	0.00164	20	0.0335	7.02	0.00114	0.00114	0.00000576	0.00622	0.00106	0.0139	0.0199	0.00000578	17.1	0.0000158	0.000242
2085 Feb	66.1	0.0487	0.0252	0.00164	20	0.0335	7.02	0.00114	0.00114	0.00000576	0.00622	0.00106	0.0139	0.0199	0.00000578	17.1	0.0000158	0.000243
2085 Mar	66.2	0.0487	0.0253	0.00164	20	0.0335	7.02	0.00114	0.00114	0.00000576	0.00622	0.00106	0.0139	0.0199	0.00000578	17.1	0.0000158	0.000243
2085 Apr	66.4	0.0489	0.0253	0.00164	20.1	0.0336	7.04	0.00114	0.00114	0.00000578	0.00625	0.00107	0.014	0.02	0.0000058	17.2	0.0000159	0.000243
2085 May	66.7	0.0492	0.0254	0.00165	20.2	0.0338	7.07	0.00115	0.00115	0.0000058	0.00628	0.00107	0.014	0.0201	0.00000583	17.3	0.000016	0.000245
2085 Jun	65.4	0.0482	0.0249	0.00161	19.8	0.0331	6.94	0.00112	0.00112	0.00000568	0.00614	0.00105	0.0137	0.0197	0.0000057	16.9	0.0000156	0.00024
2085 Jul	68.5	0.0505	0.0261	0.00169	20.7	0.0346	7.27	0.00117	0.00117	0.00000595	0.00643	0.0011	0.0144	0.0206	0.00000597	17.7	0.0000164	0.000251
2085 Aug	68.8	0.0507	0.0262	0.0017	20.8	0.0348	7.3	0.00118	0.00118	0.00000598	0.00646	0.00111	0.0145	0.0207	0.000006	17.8	0.0000164	0.000252
2085 Sep	67.7	0.0499	0.0257	0.00167	20.4	0.0342	7.17	0.00116	0.00116	0.00000588	0.00636	0.00109	0.0142	0.0204	0.0000059	17.6	0.0000162	0.000249
2085 Oct	66.4	0.049	0.0252	0.00163	20.1	0.0336	7.04	0.00114	0.00114	0.00000576	0.00624	0.00107	0.0139	0.02	0.00000579	17.2	0.0000159	0.000244
2085 Nov	65.8	0.0486	0.025	0.00162	19.9	0.0333	6.98	0.00113	0.00113	0.00000571	0.00617	0.00106	0.0138	0.0199	0.00000573	17.1	0.0000157	0.000241
2085 Dec	65.8	0.0486	0.025	0.00162	19.9	0.0333	6.98	0.00113	0.00113	0.00000571	0.00618	0.00106	0.0138	0.0199	0.00000573	17.1	0.0000157	0.000242
2086 Jan	65.8	0.0486	0.025	0.00162	19.9	0.0333	6.98	0.00113	0.00113	0.00000571	0.00618	0.00106	0.0138	0.0199	0.00000573	17.1	0.0000157	0.000242
2086 Feb	65.8	0.0486	0.025	0.00162	19.9	0.0333	6.98	0.00113	0.00113	0.00000571	0.00618	0.00106	0.0138	0.0199	0.00000573	17.1	0.0000157	0.000242
2086 Mar	65.8	0.0486	0.025	0.00162	19.9	0.0333	6.99	0.00113	0.00113	0.00000571	0.00618	0.00106	0.0138	0.0199	0.00000573	17.1	0.0000157	0.000242
2086 Apr	66.1	0.0488	0.0251	0.00163	20	0.0334	7.02	0.00113	0.00113	0.00000574	0.00621	0.00106	0.0139	0.02	0.00000576	17.1	0.0000158	0.000243
2086 May	67.1	0.0495	0.0255	0.00165	20.3	0.0339	7.12	0.00115	0.00115	0.00000582	0.0063	0.00108	0.0141	0.0203	0.00000584	17.4	0.000016	0.000246
2086 Jun	63.4	0.0468	0.0241	0.00156	19.2	0.032	6.75	0.00108	0.00108	0.00000549	0.00593	0.00102	0.0133	0.0191	0.00000551	16.4	0.0000151	0.000232
2086 Jul	65.7	0.0485	0.025	0.00162	19.9	0.0332	7.01	0.00112	0.00112	0.00000568	0.00613	0.00105	0.0138	0.0198	0.0000057	17	0.0000156	0.000241
2086 Aug	67.6	0.0499	0.0257	0.00166	20.5	0.0341	7.21	0.00115	0.00115	0.00000585	0.00631	0.00108	0.0142	0.0204	0.00000587	17.5	0.000016	0.000247
2086 Sep	67.3	0.0497	0.0256	0.00166	20.4	0.034	7.18	0.00115	0.00115	0.00000582	0.00628	0.00108	0.0142	0.0203	0.00000584	17.4	0.000016	0.000246
2086 Oct	67.3	0.0496	0.0256	0.00165	20.4	0.034	7.17	0.00115	0.00115	0.00000582	0.00627	0.00108	0.0142	0.0203	0.00000584	17.4	0.0000159	0.000246
2086 Nov	67.5	0.0498	0.0257	0.00166	20.5	0.0341	7.19	0.00115	0.00115	0.00000583	0.00629	0.00108	0.0142	0.0203	0.00000586	17.5	0.000016	0.000247
2086 Dec	67.5	0.0498	0.0257	0.00166	20.5	0.0341	7.2	0.00115	0.00115	0.00000584	0.00629	0.00108	0.0142	0.0203	0.00000586	17.5	0.000016	0.000247
2087 Jan	67.5	0.0498	0.0257	0.00166	20.5	0.0341	7.2	0.00115	0.00115	0.00000584	0.0063	0.00108	0.0142	0.0203	0.00000586	17.5	0.000016	0.000247
2087 Feb	67.5	0.0498	0.0257	0.00166	20.5	0.0341	7.2	0.00115	0.00115	0.00000584	0.0063	0.00108	0.0142	0.0203	0.00000586	17.5	0.000016	0.000247
2087 Mar	67.6	0.0499	0.0257	0.00166	20.5	0.0341	7.21	0.00115	0.00115	0.00000585	0.0063	0.00108	0.0142	0.0204	0.00000587	17.5	0.000016	0.000247
2087 Apr	67.8	0.05	0.0258	0.00167	20.6	0.0342	7.23	0.00116	0.00116	0.00000586	0.00632	0.00109	0.0143	0.0204	0.00000588	17.5	0.0000161	0.000248
2087 May	68	0.0502	0.0258	0.00167	20.6	0.0343	7.24	0.00116	0.00116	0.00000587	0.00634	0.00109	0.0143	0.0205	0.00000589	17.6	0.0000161	0.000249
2087 Jun	65.8	0.0487	0.0249	0.00161	19.9	0.0332	7	0.00112	0.00112	0.00000568	0.00614	0.00106	0.0138	0.0199	0.0000057	17.1	0.0000156	0.000242
2087 Jul	68	0.0503	0.0257	0.00166	20.6	0.0342	7.23	0.00116	0.00116	0.00000586	0.00634	0.00109	0.0143	0.0206	0.00000588	17.7	0.0000161	0.00025
2087 Aug	70.8	0.0523	0.0268	0.00173	21.4	0.0357	7.53	0.00121	0.00121	0.0000061	0.0066	0.00114	0.0149	0.0214	0.00000613	18.4	0.0000168	0.00026
2087 Sep	72.1	0.0533	0.0273	0.00176	21.8	0.0363	7.67	0.00123	0.00123	0.00000622	0.00672	0.00116	0.0151	0.0218	0.00000624	18.7	0.0000171	0.000265
2087 Oct	71.7	0.053	0.0271	0.00175	21.7	0.0361	7.63	0.00122	0.00122	0.00000618	0.00669	0.00115	0.0151	0.0217	0.00000621	18.6	0.000017	0.000263
2087 Nov	71.5	0.0529	0.027	0.00175	21.6	0.036	7.61	0.00122	0.00122	0.00000617	0.00667	0.00115	0.015	0.0216	0.00000619	18.6	0.0000169	0.000263
2087 Dec	71.6	0.0529	0.0271	0.00175	21.6	0.036	7.61	0.00122	0.00122	0.00000617	0.00667	0.00115	0.015	0.0216	0.00000619	18.6	0.000017	0.000263
2088 Jan	71.6	0.0529	0.0271	0.00175	21.6	0.0361	7.61	0.00122	0.00122	0.00000617	0.00667	0.00115	0.015	0.0217	0.00000619	18.6	0.000017	0.000263
2088 Feb	71.6	0.0529	0.0271	0.00175	21.7	0.0361	7.62	0.00122	0.00122	0.00000617	0.00668	0.00115	0.015	0.0217	0.0000062	18.6	0.000017	0.000263
2088 Mar	71.7	0.053	0.0271	0.00175	21.7	0.0361	7.62	0.00122	0.00122	0.00000618	0.00668	0.00115	0.015	0.0217	0.0000062	18.6	0.000017	0.000263
2088 Apr	72.3	0.0535	0.0273	0.00177	21.9	0.0364	7.7	0.00123	0.00123	0.00000624	0.00675	0.00116	0.0152	0.0219	0.00000626	18.8	0.0000171	0.000266
2088 May	73.8	0.0546	0.0279	0.0018	22.3	0.0372	7.86	0.00126	0.00126	0.00000637	0.00689	0.00119	0.0155	0.0223	0.00000639	19.2	0.0000175	0.000271
2088 Jun	72.1	0.0534	0.0271	0.00175	21.7	0.0363	7.65	0.00123	0.00123	0.00000622	0.00675	0.00117	0.0151	0.0219	0.00000624	18.8	0.0000172	0.000266
2088 Jul	75.1	0.0556	0.0282	0.00182	22.6	0.0378	7.95	0.00128	0.00128	0.00000647	0.00703	0.00122	0.0157	0.0228	0.00000649	19.6	0.0000179	0.000277
2088 Aug	80	0.0593	0.03	0.00194	24.1	0.0402	8.47	0.00136	0.00136	0.00000689	0.00749	0.0013	0.0167	0.0243	0.00000692	20.9	0.000019	0.000295
2088 Sep	81.3	0.0603	0.0305	0.00198	24.5	0.0409	8.61	0.00138	0.00138	0.000007	0.00761	0.00132	0.017	0.0247	0.00000703	21.2	0.0000194	0.0003
2088 Oct	78.7	0.0584	0.0295	0.00191	23.7	0.0396	8.34	0.00134	0.00134	0.00000678	0.00737	0.00127	0.0165	0.0239	0.00000681	20.5	0.0000187	0.000291
2088 Nov	78.3	0.0581	0.0294	0.0019	23.6	0.0394	8.3	0.00133	0.00133	0.00000675	0.00734	0.00127	0.0164	0.0238	0.00000677	20.4	0.0000187	0.000289
2088 Dec	78.3	0.0582	0.0294	0.0019	23.6	0.0394	8.3	0.00133	0.00133	0.00000675	0.00734	0.00127	0.0164	0.0238	0.00000678	20.5	0.0000187	0.000289
2089 Jan	78.4	0.0582	0.0294	0.0019	23.6	0.0394	8.3	0.00133	0.00133	0.00000675	0.00734	0.00127	0.0164	0.0238	0.00000678	20.5	0.0000187	0.000289
2089 Feb	78.4	0.0582	0.0294	0.0019	23.6	0.0394	8.3	0.00133	0.00133	0.00000675	0.00734	0.00127	0.0164	0.0238	0.00000678	20.5	0.0000187	0.000289
2089 Mar	78.5	0.0583	0.0294	0.00191	23.6	0.0395	8.32	0.00134	0.00134	0.00000676	0.00736	0.00127	0.0164	0.0239	0.00000679	20.5	0.0000187	0.00029
2089 Apr	79	0.0586	0.0296	0.00192	23.8	0.0397	8.37	0.00134	0.00134	0.00000681	0.0074	0.00128	0.0165	0.024	0.00000683	20.6	0.0000188	0.000292
2089 May	79.5	0.0591	0.0297	0.00193	23.9	0.04	8.41	0.00135	0.00135	0.00000685	0.00746	0.00129	0.0166	0.0242	0.00000687	20.8	0.000019	0.000294
2089 Jun	77.9	0.058	0.029	0.00188	23.4	0.0391	8.23	0.00132	0.00132	0.0000067	0.00732	0.00127	0.0162	0.0239	0.00000672	20.5	0.0000186	0.000289
2089 Jul	81	0.0603	0.0302	0.00196	24.3	0.0407	8.56	0.00138	0.00138	0.00000697	0.00761	0.00132	0.0169	0.0248	0.000007	21.3	0.0000194	0.000301
2089 Aug	84.4	0.0628	0.0314	0.00204	25.3	0.0423	8.91	0.00143	0.00143	0.00000726	0.00792	0.00137	0.0176	0.0258	0.00000728	22.2	0.0000202	0.000313

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Sep	85	0.0633	0.0316	0.00205	25.5	0.0426	8.97	0.00144	0.00144	0.00000731	0.00798	0.00138	0.0177	0.026	0.00000733	22.3	0.0000203	0.000315
2089 Oct	81.6	0.061	0.0302	0.00196	24.4	0.041	8.6	0.00139	0.00139	0.00000702	0.00769	0.00133	0.017	0.0251	0.00000704	21.5	0.0000195	0.000304
2089 Nov	81.5	0.0609	0.0302	0.00196	24.4	0.0409	8.58	0.00138	0.00138	0.00000701	0.00768	0.00133	0.0169	0.025	0.00000703	21.5	0.0000195	0.000303
2089 Dec	81.6	0.061	0.0302	0.00196	24.4	0.0409	8.59	0.00139	0.00139	0.00000701	0.00768	0.00133	0.017	0.0251	0.00000704	21.5	0.0000195	0.000304
2090 Jan	81.6	0.061	0.0302	0.00196	24.4	0.0409	8.59	0.00139	0.00139	0.00000701	0.00769	0.00133	0.017	0.0251	0.00000704	21.5	0.0000195	0.000304
2090 Feb	81.6	0.061	0.0302	0.00196	24.4	0.0409	8.59	0.00139	0.00139	0.00000702	0.00769	0.00134	0.017	0.0251	0.00000704	21.5	0.0000195	0.000304
2090 Mar	81.7	0.0611	0.0302	0.00196	24.4	0.041	8.6	0.00139	0.00139	0.00000702	0.0077	0.00134	0.017	0.0251	0.00000705	21.5	0.0000196	0.000304
2090 Apr	82	0.0613	0.0303	0.00197	24.5	0.0411	8.63	0.00139	0.00139	0.00000705	0.00772	0.00134	0.017	0.0252	0.00000707	21.6	0.0000196	0.000305
2090 May	83	0.062	0.0307	0.002	24.8	0.0416	8.74	0.00141	0.00141	0.00000713	0.00782	0.00136	0.0172	0.0255	0.00000716	21.9	0.0000199	0.000309
2090 Jun	77	0.0576	0.0285	0.00185	23.1	0.0386	8.13	0.0013	0.0013	0.0000066	0.00723	0.00126	0.016	0.0237	0.00000662	20.3	0.0000184	0.000287
2090 Jul	79.5	0.0594	0.0294	0.00191	23.8	0.0398	8.39	0.00135	0.00135	0.00000681	0.00746	0.0013	0.0165	0.0244	0.00000684	20.9	0.000019	0.000296
2090 Aug	78.9	0.059	0.0291	0.00189	23.6	0.0395	8.32	0.00134	0.00134	0.00000676	0.00741	0.00129	0.0164	0.0243	0.00000678	20.8	0.0000188	0.000294
2090 Sep	76.8	0.0574	0.0283	0.00184	23	0.0384	8.1	0.0013	0.0013	0.00000657	0.0072	0.00126	0.016	0.0236	0.0000066	20.2	0.0000183	0.000286
2090 Oct	73.5	0.0549	0.0271	0.00176	22	0.0368	7.78	0.00124	0.00124	0.00000629	0.00689	0.0012	0.0153	0.0226	0.00000632	19.3	0.0000175	0.000273
2090 Nov	72.6	0.0542	0.0268	0.00174	21.8	0.0364	7.68	0.00123	0.00123	0.00000621	0.0068	0.00118	0.0151	0.0222	0.00000624	19.1	0.0000173	0.000269
2090 Dec	72.6	0.0542	0.0268	0.00174	21.8	0.0364	7.69	0.00123	0.00123	0.00000622	0.0068	0.00119	0.0151	0.0223	0.00000624	19.1	0.0000173	0.00027
2091 Jan	72.6	0.0542	0.0268	0.00174	21.8	0.0364	7.69	0.00123	0.00123	0.00000622	0.0068	0.00119	0.0152	0.0223	0.00000624	19.1	0.0000173	0.00027
2091 Feb	72.6	0.0542	0.0268	0.00174	21.8	0.0364	7.69	0.00123	0.00123	0.00000622	0.0068	0.00119	0.0152	0.0223	0.00000624	19.1	0.0000173	0.00027
2091 Mar	72.7	0.0543	0.0269	0.00174	21.8	0.0365	7.7	0.00123	0.00123	0.00000623	0.00681	0.00119	0.0152	0.0223	0.00000625	19.1	0.0000173	0.00027
2091 Apr	73.2	0.0547	0.027	0.00176	22	0.0367	7.75	0.00124	0.00124	0.00000627	0.00686	0.00119	0.0153	0.0224	0.00000629	19.2	0.0000174	0.000272
2091 May	74.2	0.0555	0.0274	0.00178	22.3	0.0372	7.86	0.00125	0.00125	0.00000635	0.00695	0.00121	0.0155	0.0228	0.00000638	19.5	0.0000176	0.000276
2091 Jun	70.9	0.053	0.0262	0.0017	21.3	0.0356	7.52	0.0012	0.0012	0.00000606	0.00662	0.00116	0.0148	0.0217	0.00000608	18.6	0.0000168	0.000263
2091 Jul	74.7	0.0559	0.0276	0.00179	22.4	0.0375	7.93	0.00126	0.00126	0.00000638	0.00698	0.00122	0.0156	0.0229	0.00000641	19.6	0.0000177	0.000277
2091 Aug	75.3	0.0563	0.0278	0.0018	22.6	0.0378	7.99	0.00127	0.00127	0.00000643	0.00703	0.00123	0.0157	0.0231	0.00000646	19.8	0.0000178	0.000279
2091 Sep	75.1	0.0562	0.0277	0.0018	22.5	0.0377	7.96	0.00127	0.00127	0.00000641	0.00702	0.00122	0.0157	0.023	0.00000644	19.7	0.0000178	0.000279
2091 Oct	73.4	0.055	0.027	0.00175	22	0.0368	7.78	0.00124	0.00124	0.00000627	0.00687	0.0012	0.0153	0.0225	0.00000629	19.3	0.0000174	0.000273
2091 Nov	72	0.054	0.0265	0.00172	21.6	0.0361	7.64	0.00121	0.00121	0.00000615	0.00673	0.00118	0.015	0.0221	0.00000617	18.9	0.0000171	0.000267
2091 Dec	72	0.054	0.0265	0.00172	21.6	0.0361	7.64	0.00121	0.00121	0.00000615	0.00673	0.00118	0.0151	0.0221	0.00000617	18.9	0.0000171	0.000267
2092 Jan	72.1	0.054	0.0265	0.00172	21.6	0.0361	7.64	0.00121	0.00121	0.00000615	0.00673	0.00118	0.0151	0.0221	0.00000617	18.9	0.0000171	0.000267
2092 Feb	72.1	0.054	0.0265	0.00172	21.6	0.0362	7.64	0.00122	0.00122	0.00000615	0.00674	0.00118	0.0151	0.0221	0.00000618	18.9	0.0000171	0.000267
2092 Mar	72.2	0.0541	0.0266	0.00173	21.7	0.0362	7.66	0.00122	0.00122	0.00000617	0.00675	0.00118	0.0151	0.0221	0.00000619	19	0.0000171	0.000268
2092 Apr	72.6	0.0544	0.0267	0.00173	21.8	0.0364	7.7	0.00122	0.00122	0.0000062	0.00679	0.00119	0.0152	0.0223	0.00000622	19.1	0.0000172	0.000269
2092 May	73.4	0.055	0.027	0.00175	22	0.0368	7.78	0.00124	0.00124	0.00000626	0.00685	0.0012	0.0153	0.0225	0.00000628	19.3	0.0000174	0.000272
2092 Jun	66.5	0.0499	0.0245	0.00159	20	0.0334	7.09	0.00112	0.00112	0.00000566	0.00617	0.00108	0.0139	0.0203	0.00000568	17.4	0.0000156	0.000246
2092 Jul	67.1	0.0503	0.0247	0.0016	20.2	0.0336	7.16	0.00113	0.00113	0.0000057	0.00622	0.00109	0.0141	0.0205	0.00000572	17.6	0.0000157	0.000248
2092 Aug	70.1	0.0525	0.0258	0.00167	21.1	0.0351	7.48	0.00117	0.00117	0.00000595	0.00649	0.00114	0.0147	0.0214	0.00000598	18.3	0.0000164	0.000259
2092 Sep	70.4	0.0527	0.026	0.00168	21.2	0.0353	7.51	0.00118	0.00118	0.00000598	0.00652	0.00114	0.0148	0.0215	0.000006	18.4	0.0000165	0.00026
2092 Oct	70	0.0524	0.0258	0.00167	21.1	0.0351	7.47	0.00117	0.00117	0.00000595	0.00649	0.00114	0.0147	0.0214	0.00000597	18.3	0.0000164	0.000259
2092 Nov	70	0.0524	0.0258	0.00167	21.1	0.0351	7.47	0.00117	0.00117	0.00000595	0.00648	0.00114	0.0147	0.0214	0.00000597	18.3	0.0000164	0.000259
2092 Dec	70	0.0525	0.0258	0.00167	21.1	0.0351	7.47	0.00117	0.00117	0.00000595	0.00649	0.00114	0.0147	0.0214	0.00000597	18.3	0.0000164	0.000259
2093 Jan	70	0.0525	0.0258	0.00167	21.1	0.0351	7.47	0.00117	0.00117	0.00000595	0.00649	0.00114	0.0147	0.0214	0.00000597	18.3	0.0000164	0.000259
2093 Feb	70.1	0.0525	0.0258	0.00167	21.1	0.0351	7.47	0.00117	0.00117	0.00000595	0.00649	0.00114	0.0147	0.0214	0.00000598	18.3	0.0000164	0.000259
2093 Mar	70.3	0.0527	0.0259	0.00168	21.2	0.0352	7.5	0.00118	0.00118	0.00000597	0.00651	0.00114	0.0147	0.0215	0.00000599	18.4	0.0000165	0.00026
2093 Apr	70.7	0.053	0.0261	0.00169	21.3	0.0354	7.54	0.00119	0.00119	0.00000601	0.00655	0.00115	0.0148	0.0216	0.00000603	18.5	0.0000166	0.000261
2093 May	71.7	0.0537	0.0264	0.00171	21.6	0.0359	7.64	0.0012	0.0012	0.00000609	0.00664	0.00116	0.015	0.0219	0.00000611	18.8	0.0000168	0.000265
2093 Jun	68.3	0.0512	0.0251	0.00162	20.5	0.0341	7.28	0.00114	0.00114	0.00000578	0.00632	0.00111	0.0143	0.0209	0.00000581	17.9	0.000016	0.000253
2093 Jul	71.1	0.0534	0.0261	0.00169	21.4	0.0355	7.59	0.00119	0.00119	0.00000603	0.00658	0.00116	0.0149	0.0218	0.00000605	18.7	0.0000167	0.000263
2093 Aug	73.8	0.0554	0.0271	0.00175	22.2	0.0369	7.87	0.00123	0.00123	0.00000625	0.00682	0.0012	0.0154	0.0226	0.00000627	19.4	0.0000173	0.000273
2093 Sep	74	0.0555	0.0272	0.00176	22.3	0.037	7.89	0.00124	0.00124	0.00000627	0.00685	0.0012	0.0155	0.0227	0.00000629	19.4	0.0000173	0.000274
2093 Oct	71.1	0.0535	0.0261	0.00168	21.4	0.0355	7.57	0.00119	0.00119	0.00000602	0.00659	0.00116	0.0149	0.0218	0.00000604	18.7	0.0000167	0.000264
2093 Nov	70.4	0.0529	0.0257	0.00167	21.1	0.0351	7.49	0.00118	0.00118	0.00000595	0.00652	0.00115	0.0147	0.0216	0.00000598	18.5	0.0000165	0.000261
2093 Dec	70.4	0.053	0.0258	0.00167	21.1	0.0352	7.5	0.00118	0.00118	0.00000596	0.00652	0.00115	0.0147	0.0216	0.00000598	18.5	0.0000165	0.000261
2094 Jan	70.4	0.053	0.0258	0.00167	21.2	0.0352	7.5	0.00118	0.00118	0.00000596	0.00652	0.00115	0.0147	0.0216	0.00000598	18.5	0.0000165	0.000261
2094 Feb	70.4	0.053	0.0258	0.00167	21.2	0.0352	7.5	0.00118	0.00118	0.00000596	0.00652	0.00115	0.0147	0.0216	0.00000598	18.5	0.0000165	0.000261
2094 Mar	70.5	0.0531	0.0258	0.00167	21.2	0.0352	7.51	0.00118	0.00118	0.00000597	0.00653	0.00115	0.0147	0.0217	0.00000599	18.6	0.0000165	0.000262
2094 Apr	70.8	0.0533	0.0259	0.00168	21.3	0.0354	7.54	0.00118	0.00118	0.00000599	0.00656	0.00116	0.0148	0.0217	0.00000602	18.6	0.0000166	0.000263
2094 May	70.6	0.0531	0.0258	0.00167	21.2	0.0353	7.52	0.00118	0.00118	0.00000597	0.00654	0.00115	0.0148	0.0217	0.000006	18.6	0.0000165	0.000262
2094 Jun	70	0.0526	0.0256	0.00165	21	0.0349	7.46	0.00117	0.00117	0.00000591	0.00646	0.00114	0.0146	0.0215	0.00000593	18.4	0.0000163	0.000259
2094 Jul	74.5	0.0561	0.0273	0.00176	22.4	0.0372	7.95	0.00124	0.00124	0.00000629	0.00688	0.00121	0.0156	0.0229	0.00000632	19.6	0.0000174	0.000276
2094 Aug	79.4	0.0597	0.029	0.00188	23.9	0.0396	8.47	0.00132	0.00132	0.0000067	0.00733	0.00129	0.0166	0.0243	0.00000673	20.9	0.0000185	0.000294
2094 Sep	79.5	0.0599	0.0291	0.00188	23.9	0.0397	8.49	0.00133	0.00133	0.00000672	0.00735	0.0013	0.0166	0.0244	0.00000674	20.9	0.0000186	0.000295
2094 Oct	77.8	0.0586	0.0284	0.00184	23.4	0.0388	8.3	0.0013	0.0013	0.00000657	0.00718	0.00127	0.0163	0.0239	0.00000659	20.5	0.0000182	0.000288
2094 Nov	76	0.0573	0.0277	0.00179	22.8	0.0379	8.1	0.00127	0.00127	0.00000641	0.00702	0.00124	0.0159	0.0233	0.00000644	20	0.0000178	0.000282
2094 Dec	75.8	0.0572	0.0277	0.00179	22.8	0.0378	8.08	0.00126	0.00126	0.0000064	0.00701	0.00124	0.0158	0.0233	0.00000643	20	0.0000177	0.000281
2095 Jan	75.9	0.0572	0.0277	0.00179	22.8	0.0379	8.09	0.00126	0.00126	0.0000064	0.00701	0.00124	0.0158	0.0233	0.00000643	20	0.0000177	0.000281
2095 Feb	75.9	0.0572	0.0277	0.00179	22.8	0.0379	8.09	0.00126	0.00126	0.00000641	0.00701	0.00124	0.0158	0.0233	0.00000643	20	0.0000177	0.000281
2095 Mar	75.9	0.0573	0.0277	0.00179	22.8	0.0379	8.1	0.00127	0.00127	0.00000641	0.00702	0.00124	0.0159	0.0233	0.00000644	20	0.0000178	0.000282

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Apr	76.3	0.0576	0.0279	0.0018	22.9	0.0381	8.14	0.00127	0.00127	0.00000645	0.00706	0.00124	0.0159	0.0234	0.00000647	20.1	0.0000178	0.000283
2095 May	76.4	0.0578	0.0278	0.0018	22.9	0.0381	8.14	0.00127	0.00127	0.00000645	0.00707	0.00125	0.0159	0.0235	0.00000647	20.2	0.0000179	0.000284
2095 Jun	77.3	0.0586	0.028	0.00181	23.1	0.0385	8.21	0.00128	0.00128	0.00000651	0.00716	0.00127	0.0161	0.0239	0.00000653	20.4	0.0000181	0.000288
2095 Jul	82.4	0.0625	0.0299	0.00193	24.7	0.041	8.76	0.00137	0.00137	0.00000694	0.00763	0.00135	0.0171	0.0254	0.00000697	21.8	0.0000193	0.000307
2095 Aug	82.5	0.0626	0.0299	0.00194	24.7	0.0411	8.77	0.00137	0.00137	0.00000695	0.00764	0.00135	0.0172	0.0255	0.00000698	21.8	0.0000193	0.000308
2095 Sep	83	0.063	0.0301	0.00195	24.9	0.0414	8.82	0.00138	0.00138	0.00000699	0.00769	0.00136	0.0173	0.0256	0.00000702	22	0.0000194	0.000309
2095 Oct	83	0.063	0.0301	0.00195	24.9	0.0414	8.82	0.00138	0.00138	0.00000699	0.00769	0.00136	0.0173	0.0256	0.00000702	22	0.0000194	0.000309
2095 Nov	82	0.0623	0.0297	0.00192	24.5	0.0409	8.71	0.00136	0.00136	0.00000691	0.0076	0.00135	0.017	0.0254	0.00000694	21.7	0.0000192	0.000306
2095 Dec	82	0.0623	0.0297	0.00192	24.5	0.0408	8.7	0.00136	0.00136	0.0000069	0.0076	0.00134	0.017	0.0253	0.00000693	21.7	0.0000192	0.000306
2096 Jan	82	0.0623	0.0297	0.00192	24.5	0.0408	8.7	0.00136	0.00136	0.0000069	0.0076	0.00134	0.017	0.0254	0.00000693	21.7	0.0000192	0.000306
2096 Feb	82	0.0623	0.0297	0.00192	24.5	0.0409	8.71	0.00136	0.00136	0.00000691	0.0076	0.00135	0.017	0.0254	0.00000693	21.7	0.0000192	0.000306
2096 Mar	82.1	0.0624	0.0297	0.00192	24.6	0.0409	8.72	0.00137	0.00137	0.00000692	0.00761	0.00135	0.0171	0.0254	0.00000694	21.8	0.0000192	0.000306
2096 Apr	82.5	0.0627	0.0299	0.00193	24.7	0.0411	8.76	0.00137	0.00137	0.00000695	0.00765	0.00135	0.0171	0.0255	0.00000698	21.9	0.0000193	0.000308
2096 May	83.3	0.0634	0.0301	0.00195	24.9	0.0415	8.84	0.00139	0.00139	0.00000702	0.00773	0.00137	0.0173	0.0258	0.00000704	22.1	0.0000195	0.000311
2096 Jun	76.3	0.0582	0.0275	0.00178	22.8	0.0379	8.1	0.00126	0.00126	0.00000639	0.00705	0.00125	0.0158	0.0237	0.00000642	20.3	0.0000178	0.000285
2096 Jul	78.6	0.0599	0.0283	0.00183	23.5	0.039	8.36	0.0013	0.0013	0.00000659	0.00726	0.00129	0.0163	0.0244	0.00000661	20.9	0.0000183	0.000294
2096 Aug	82.8	0.0631	0.0299	0.00193	24.8	0.0411	8.81	0.00137	0.00137	0.00000694	0.00765	0.00136	0.0172	0.0257	0.00000697	22	0.0000193	0.000309
2096 Sep	82.5	0.0628	0.0297	0.00192	24.7	0.0409	8.77	0.00136	0.00136	0.00000691	0.00761	0.00135	0.0171	0.0256	0.00000694	21.9	0.0000192	0.000308
2096 Oct	80.1	0.0611	0.0288	0.00186	23.9	0.0397	8.51	0.00132	0.00132	0.00000671	0.0074	0.00132	0.0166	0.0249	0.00000673	21.3	0.0000187	0.000299
2096 Nov	79.9	0.061	0.0287	0.00186	23.9	0.0396	8.48	0.00132	0.00132	0.00000669	0.00739	0.00131	0.0165	0.0248	0.00000672	21.3	0.0000187	0.000299
2096 Dec	79.9	0.0611	0.0287	0.00186	23.9	0.0397	8.49	0.00132	0.00132	0.0000067	0.00739	0.00132	0.0166	0.0248	0.00000672	21.3	0.0000187	0.000299
2097 Jan	79.9	0.0611	0.0287	0.00186	23.9	0.0397	8.49	0.00132	0.00132	0.0000067	0.00739	0.00132	0.0166	0.0248	0.00000672	21.3	0.0000187	0.000299
2097 Feb	79.9	0.0611	0.0287	0.00186	23.9	0.0397	8.49	0.00132	0.00132	0.0000067	0.00739	0.00132	0.0166	0.0248	0.00000672	21.3	0.0000187	0.000299
2097 Mar	80	0.0611	0.0287	0.00186	23.9	0.0397	8.49	0.00132	0.00132	0.0000067	0.0074	0.00132	0.0166	0.0249	0.00000673	21.3	0.0000187	0.000299
2097 Apr	80.5	0.0615	0.0289	0.00187	24.1	0.0399	8.55	0.00133	0.00133	0.00000674	0.00745	0.00132	0.0167	0.025	0.00000677	21.4	0.0000188	0.000301
2097 May	81.9	0.0625	0.0294	0.0019	24.4	0.0406	8.69	0.00135	0.00135	0.00000685	0.00757	0.00135	0.0169	0.0254	0.00000688	21.8	0.0000191	0.000306
2097 Jun	80.3	0.0615	0.0287	0.00186	23.9	0.0398	8.51	0.00133	0.00133	0.00000671	0.00742	0.00132	0.0166	0.025	0.00000674	21.4	0.0000188	0.000301
2097 Jul	85	0.065	0.0304	0.00197	25.3	0.0421	9.01	0.0014	0.0014	0.0000071	0.00786	0.0014	0.0176	0.0265	0.00000713	22.6	0.0000198	0.000318
2097 Aug	88.1	0.0675	0.0315	0.00204	26.3	0.0437	9.35	0.00145	0.00145	0.00000737	0.00815	0.00145	0.0182	0.0274	0.00000739	23.5	0.0000206	0.00033
2097 Sep	89.7	0.0687	0.0321	0.00208	26.8	0.0444	9.51	0.00148	0.00148	0.0000075	0.00829	0.00148	0.0185	0.0279	0.00000753	23.9	0.0000209	0.000336
2097 Oct	89.2	0.0683	0.0319	0.00207	26.6	0.0442	9.46	0.00147	0.00147	0.00000746	0.00825	0.00147	0.0184	0.0278	0.00000749	23.8	0.0000208	0.000334
2097 Nov	88.8	0.068	0.0318	0.00206	26.5	0.044	9.42	0.00147	0.00147	0.00000743	0.00821	0.00146	0.0184	0.0277	0.00000745	23.7	0.0000207	0.000333
2097 Dec	88.8	0.068	0.0318	0.00206	26.5	0.044	9.42	0.00147	0.00147	0.00000743	0.00821	0.00146	0.0184	0.0277	0.00000745	23.7	0.0000207	0.000333
2098 Jan	88.8	0.068	0.0318	0.00206	26.5	0.044	9.42	0.00147	0.00147	0.00000743	0.00822	0.00146	0.0184	0.0277	0.00000746	23.7	0.0000208	0.000333
2098 Feb	88.8	0.0681	0.0318	0.00206	26.5	0.044	9.43	0.00147	0.00147	0.00000743	0.00822	0.00146	0.0184	0.0277	0.00000746	23.7	0.0000208	0.000333
2098 Mar	88.9	0.0681	0.0318	0.00206	26.5	0.0441	9.43	0.00147	0.00147	0.00000743	0.00822	0.00147	0.0184	0.0277	0.00000746	23.7	0.0000208	0.000333
2098 Apr	89.2	0.0684	0.0319	0.00207	26.6	0.0442	9.47	0.00147	0.00147	0.00000746	0.00825	0.00147	0.0184	0.0278	0.00000749	23.8	0.0000208	0.000334
2098 May	89.3	0.0685	0.0319	0.00206	26.6	0.0442	9.45	0.00147	0.00147	0.00000745	0.00826	0.00147	0.0184	0.0279	0.00000748	23.8	0.0000209	0.000335
2098 Jun	80.8	0.062	0.0287	0.00185	24	0.0398	8.56	0.00133	0.00133	0.00000672	0.00745	0.00133	0.0166	0.0253	0.00000674	21.6	0.0000188	0.000304
2098 Jul	85.3	0.0655	0.0304	0.00196	25.4	0.042	9.05	0.0014	0.0014	0.00000709	0.00786	0.00141	0.0176	0.0267	0.00000712	22.8	0.0000199	0.000321
2098 Aug	87	0.0668	0.031	0.002	25.9	0.0429	9.23	0.00143	0.00143	0.00000724	0.00802	0.00144	0.0179	0.0272	0.00000726	23.3	0.0000203	0.000327
2098 Sep	84.6	0.065	0.0301	0.00194	25.2	0.0417	8.96	0.00139	0.00139	0.00000703	0.0078	0.0014	0.0174	0.0265	0.00000706	22.7	0.0000197	0.000318
2098 Oct	81.5	0.0627	0.0289	0.00187	24.3	0.0401	8.63	0.00134	0.00134	0.00000677	0.00752	0.00135	0.0168	0.0256	0.0000068	21.9	0.000019	0.000307
2098 Nov	80.6	0.062	0.0286	0.00185	24	0.0397	8.54	0.00132	0.00132	0.00000669	0.00743	0.00133	0.0166	0.0253	0.00000672	21.6	0.0000188	0.000303
2098 Dec	80.7	0.0621	0.0286	0.00185	24	0.0397	8.55	0.00132	0.00132	0.0000067	0.00743	0.00133	0.0166	0.0253	0.00000672	21.6	0.0000188	0.000304
2099 Jan	80.7	0.0621	0.0286	0.00185	24	0.0397	8.55	0.00132	0.00132	0.0000067	0.00744	0.00133	0.0166	0.0253	0.00000672	21.6	0.0000188	0.000304
2099 Feb	80.7	0.0621	0.0286	0.00185	24	0.0397	8.55	0.00132	0.00132	0.0000067	0.00744	0.00134	0.0166	0.0253	0.00000673	21.6	0.0000188	0.000304
2099 Mar	80.9	0.0622	0.0287	0.00185	24.1	0.0398	8.57	0.00133	0.00133	0.00000671	0.00745	0.00134	0.0166	0.0253	0.00000674	21.7	0.0000188	0.000304
2099 Apr	81.6	0.0627	0.0289	0.00187	24.3	0.0401	8.64	0.00134	0.00134	0.00000677	0.00751	0.00135	0.0168	0.0256	0.00000679	21.9	0.000019	0.000307
2099 May	79.2	0.061	0.0281	0.00181	23.6	0.0389	8.4	0.00129	0.00129	0.00000656	0.00728	0.00131	0.0163	0.0248	0.00000658	21.2	0.0000184	0.000298
2099 Jun	76.9	0.0592	0.0273	0.00175	22.9	0.0377	8.17	0.00125	0.00125	0.00000635	0.00704	0.00127	0.0158	0.0241	0.00000638	20.6	0.0000178	0.000289
2099 Jul	81.1	0.0624	0.0288	0.00185	24.2	0.0398	8.62	0.00132	0.00132	0.0000067	0.00743	0.00134	0.0167	0.0254	0.00000673	21.7	0.0000188	0.000305
2099 Aug	85.2	0.0656	0.0302	0.00194	25.4	0.0418	9.05	0.00139	0.00139	0.00000704	0.0078	0.00141	0.0175	0.0267	0.00000707	22.8	0.0000197	0.00032
2099 Sep	84.2	0.0648	0.0299	0.00192	25.1	0.0413	8.95	0.00137	0.00137	0.00000695	0.00771	0.00139	0.0173	0.0264	0.00000698	22.5	0.0000195	0.000316
2099 Oct	82.5	0.0636	0.0293	0.00188	24.6	0.0405	8.77	0.00135	0.00135	0.00000682	0.00756	0.00136	0.017	0.0259	0.00000684	22.1	0.0000191	0.00031
2099 Nov	81.3	0.0628	0.0288	0.00185	24.2	0.0399	8.63	0.00133	0.00133	0.00000671	0.00745	0.00134	0.0167	0.0255	0.00000674	21.8	0.0000188	0.000306
2099 Dec	81.4	0.0628	0.0288	0.00185	24.2	0.0399	8.63	0.00133	0.00133	0.00000672	0.00746	0.00135	0.0167	0.0255	0.00000674	21.8	0.0000189	0.000306
2100 Jan	81.4	0.0628	0.0288	0.00185	24.2	0.0399	8.63	0.00133	0.00133	0.00000672	0.00746	0.00135	0.0167	0.0256	0.00000674	21.8	0.0000189	0.000306
2100 Feb	81.4	0.0628	0.0288	0.00185	24.2	0.0399	8.64	0.00133	0.00133	0.00000672	0.00746	0.00135	0.0167	0.0256	0.00000675	21.8	0.0000189	0.000306
2100 Mar	81.4	0.0628	0.0288	0.00185	24.2	0.0399	8.64	0.00133	0.00133	0.00000672	0.00746	0.00135	0.0167	0.0256	0.00000675	21.9	0.0000189	0.000306
2100 Apr	82	0.0633	0.029	0.00187	24.4	0.0402	8.7	0.00134	0.00134	0.00000677	0.00752	0.00136	0.0168	0.0257	0.00000679	22	0.000019	0.000309
2100 May	82.3	0.0636	0.0291	0.00187	24.5	0.0403	8.73	0.00134	0.00134	0.00000679	0.00754	0.00136	0.0169	0.0259	0.00000681	22.1	0.0000191	0.00031
2100 Jun	76	0.0587	0.0268	0.00172	22.6	0.0371	8.08	0.00123	0.00123	0.00000624	0.00692	0.00125	0.0156	0.0239	0.00000626	20.4	0.0000175	0.000286
2100 Jul	77.3	0.0597	0.0273	0.00175	23.1	0.0378	8.23	0.00125	0.00125	0.00000634	0.00703	0.00128	0.0159	0.0243	0.00000637	20.7	0.0000178	0.000291
2100 Aug	77.3	0.0597	0.0273	0.00175	23	0.0377	8.23	0.00125	0.00125	0.00000634	0.00703	0.00128	0.0158	0.0243	0.00000637	20.8	0.0000178	0.000291
2100 Sep	77.4	0.0598	0.0273	0.00175	23.1	0.0378	8.23	0.00125	0.00125	0.00000635	0.00704	0.00128	0.0158	0.0243	0.00000637	20.8	0.0000178	0.000291
2100 Oct	77.5	0.0599	0.0273	0.00175	23.1	0.0378	8.24	0.00125	0.00125	0.00000635	0.00705	0.00128	0.0159	0.0244	0.00000638	20.8	0.0000178	0.000292

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2100 Nov	77.6	0.06	0.0274	0.00175	23.1	0.0379	8.25	0.00126	0.00126	0.00000636	0.00706	0.00128	0.0159	0.0244	0.00000639	20.9	0.0000179	0.000292
2100 Dec	77.7	0.06	0.0274	0.00176	23.1	0.0379	8.26	0.00126	0.00126	0.00000637	0.00707	0.00128	0.0159	0.0244	0.00000639	20.9	0.0000179	0.000292
2101 Jan	77.7	0.0601	0.0274	0.00176	23.1	0.0379	8.26	0.00126	0.00126	0.00000637	0.00707	0.00128	0.0159	0.0244	0.0000064	20.9	0.0000179	0.000293
2101 Feb	77.7	0.0601	0.0274	0.00176	23.1	0.0379	8.26	0.00126	0.00126	0.00000637	0.00707	0.00128	0.0159	0.0244	0.0000064	20.9	0.0000179	0.000293
2101 Mar	77.7	0.0601	0.0274	0.00176	23.2	0.0379	8.26	0.00126	0.00126	0.00000637	0.00707	0.00128	0.0159	0.0245	0.0000064	20.9	0.0000179	0.000293
2101 Apr	78	0.0603	0.0275	0.00176	23.2	0.0381	8.3	0.00126	0.00126	0.0000064	0.0071	0.00129	0.016	0.0246	0.00000642	21	0.000018	0.000294
2101 May	78.2	0.0604	0.0276	0.00177	23.3	0.0381	8.31	0.00126	0.00126	0.0000064	0.00711	0.00129	0.016	0.0246	0.00000643	21	0.000018	0.000294
2101 Jun	74.9	0.0578	0.0264	0.00169	22.3	0.0364	7.98	0.00121	0.00121	0.00000612	0.00678	0.00123	0.0153	0.0235	0.00000614	20.1	0.0000171	0.000282
2101 Jul	79.1	0.061	0.0279	0.00178	23.6	0.0385	8.43	0.00127	0.00127	0.00000646	0.00715	0.0013	0.0162	0.0249	0.00000648	21.2	0.0000181	0.000297
2101 Aug	83.1	0.0641	0.0293	0.00187	24.8	0.0404	8.86	0.00134	0.00134	0.00000679	0.00751	0.00137	0.017	0.0261	0.00000681	22.3	0.000019	0.000312
2101 Sep	82.5	0.0636	0.0291	0.00186	24.6	0.0401	8.8	0.00133	0.00133	0.00000674	0.00746	0.00136	0.0169	0.0259	0.00000677	22.2	0.0000189	0.00031
2101 Oct	82.3	0.0635	0.0291	0.00186	24.6	0.04	8.77	0.00133	0.00133	0.00000672	0.00744	0.00136	0.0169	0.0259	0.00000675	22.1	0.0000188	0.000309
2101 Nov	80.9	0.0624	0.0286	0.00183	24.1	0.0394	8.63	0.0013	0.0013	0.00000661	0.00732	0.00133	0.0166	0.0254	0.00000664	21.7	0.0000185	0.000304
2101 Dec	80.9	0.0624	0.0286	0.00183	24.1	0.0394	8.62	0.0013	0.0013	0.00000661	0.00732	0.00133	0.0166	0.0254	0.00000663	21.7	0.0000185	0.000304
2102 Jan	80.9	0.0624	0.0286	0.00183	24.1	0.0394	8.62	0.0013	0.0013	0.00000661	0.00732	0.00133	0.0166	0.0254	0.00000663	21.7	0.0000185	0.000304
2102 Feb	80.9	0.0624	0.0286	0.00183	24.1	0.0394	8.63	0.0013	0.0013	0.00000661	0.00732	0.00133	0.0166	0.0254	0.00000664	21.7	0.0000185	0.000304
2102 Mar	81	0.0625	0.0286	0.00183	24.2	0.0394	8.63	0.00131	0.00131	0.00000661	0.00732	0.00133	0.0166	0.0254	0.00000664	21.7	0.0000185	0.000304
2102 Apr	81.2	0.0627	0.0287	0.00183	24.2	0.0395	8.66	0.00131	0.00131	0.00000663	0.00735	0.00134	0.0166	0.0255	0.00000666	21.8	0.0000186	0.000305
2102 May	82.5	0.0636	0.0291	0.00186	24.6	0.0401	8.79	0.00133	0.00133	0.00000674	0.00746	0.00136	0.0169	0.0259	0.00000676	22.1	0.0000189	0.00031
2102 Jun	78.1	0.0603	0.0275	0.00176	23.3	0.038	8.32	0.00126	0.00126	0.00000638	0.00708	0.00129	0.016	0.0246	0.0000064	21	0.0000179	0.000294
2102 Jul	77.8	0.0599	0.0274	0.00175	23.2	0.0378	8.29	0.00125	0.00125	0.00000634	0.00704	0.00128	0.0159	0.0244	0.00000637	20.9	0.0000178	0.000293
2102 Aug	80.3	0.0618	0.0283	0.00181	23.9	0.039	8.56	0.00129	0.00129	0.00000655	0.00727	0.00132	0.0165	0.0252	0.00000658	21.6	0.0000184	0.000302
2102 Sep	81	0.0624	0.0285	0.00182	24.1	0.0393	8.63	0.0013	0.0013	0.00000661	0.00733	0.00134	0.0166	0.0255	0.00000663	21.8	0.0000186	0.000305
2102 Oct	78.6	0.0606	0.0276	0.00177	23.4	0.0382	8.37	0.00127	0.00127	0.00000641	0.00712	0.0013	0.0161	0.0247	0.00000644	21.1	0.000018	0.000296
2102 Nov	78.8	0.0607	0.0277	0.00177	23.5	0.0382	8.39	0.00127	0.00127	0.00000643	0.00714	0.0013	0.0161	0.0248	0.00000645	21.2	0.0000181	0.000297
2102 Dec	78.8	0.0608	0.0277	0.00177	23.5	0.0383	8.39	0.00127	0.00127	0.00000643	0.00714	0.0013	0.0161	0.0248	0.00000646	21.2	0.0000181	0.000297
2103 Jan	78.8	0.0608	0.0277	0.00177	23.5	0.0383	8.39	0.00127	0.00127	0.00000643	0.00714	0.0013	0.0161	0.0248	0.00000646	21.2	0.0000181	0.000297
2103 Feb	78.9	0.0608	0.0277	0.00177	23.5	0.0383	8.4	0.00127	0.00127	0.00000643	0.00715	0.0013	0.0162	0.0248	0.00000646	21.2	0.0000181	0.000297
2103 Mar	78.9	0.0609	0.0277	0.00177	23.5	0.0383	8.4	0.00127	0.00127	0.00000644	0.00715	0.0013	0.0162	0.0249	0.00000646	21.2	0.0000181	0.000298
2103 Apr	79.3	0.0611	0.0278	0.00178	23.6	0.0385	8.44	0.00128	0.00128	0.00000647	0.00718	0.00131	0.0162	0.025	0.00000649	21.3	0.0000182	0.000299
2103 May	79.8	0.0615	0.028	0.00179	23.7	0.0387	8.49	0.00128	0.00128	0.00000651	0.00723	0.00132	0.0163	0.0251	0.00000653	21.5	0.0000183	0.000301
2103 Jun	74.2	0.057	0.026	0.00167	22.1	0.036	7.92	0.00119	0.00119	0.00000605	0.00671	0.00122	0.0152	0.0233	0.00000607	19.9	0.000017	0.00028
2103 Jul	75.7	0.0581	0.0266	0.0017	22.6	0.0367	8.08	0.00122	0.00122	0.00000616	0.00684	0.00125	0.0156	0.0237	0.00000619	20.3	0.0000173	0.000285
2103 Aug	76.2	0.0585	0.0267	0.00171	22.7	0.0369	8.13	0.00122	0.00122	0.00000621	0.00689	0.00126	0.0157	0.0239	0.00000623	20.5	0.0000175	0.000287
2103 Sep	74.9	0.0574	0.0263	0.00168	22.3	0.0363	7.99	0.0012	0.0012	0.0000061	0.00678	0.00124	0.0154	0.0235	0.00000613	20.1	0.0000172	0.000282
2103 Oct	71.9	0.0551	0.0253	0.00162	21.5	0.0349	7.69	0.00116	0.00116	0.00000586	0.0065	0.00119	0.0148	0.0225	0.00000589	19.3	0.0000165	0.000271
2103 Nov	71.3	0.0546	0.0251	0.0016	21.3	0.0346	7.63	0.00115	0.00115	0.00000581	0.00645	0.00117	0.0147	0.0223	0.00000584	19.1	0.0000163	0.000268
2103 Dec	71.4	0.0546	0.0251	0.0016	21.3	0.0347	7.63	0.00115	0.00115	0.00000582	0.00645	0.00118	0.0147	0.0224	0.00000584	19.1	0.0000164	0.000268
2104 Jan	71.4	0.0546	0.0251	0.0016	21.3	0.0347	7.63	0.00115	0.00115	0.00000582	0.00645	0.00118	0.0147	0.0224	0.00000584	19.1	0.0000164	0.000268
2104 Feb	71.4	0.0546	0.0251	0.0016	21.3	0.0347	7.64	0.00115	0.00115	0.00000582	0.00645	0.00118	0.0147	0.0224	0.00000584	19.1	0.0000164	0.000268
2104 Mar	71.4	0.0547	0.0251	0.00161	21.3	0.0347	7.64	0.00115	0.00115	0.00000582	0.00646	0.00118	0.0147	0.0224	0.00000585	19.1	0.0000164	0.000269
2104 Apr	71.9	0.055	0.0253	0.00162	21.5	0.0349	7.69	0.00116	0.00116	0.00000586	0.0065	0.00118	0.0148	0.0225	0.00000588	19.3	0.0000165	0.00027
2104 May	72.2	0.0553	0.0253	0.00162	21.5	0.0351	7.73	0.00116	0.00116	0.00000588	0.00653	0.00119	0.0149	0.0226	0.00000591	19.3	0.0000165	0.000272
2104 Jun	67.6	0.0515	0.0238	0.00152	20.2	0.0328	7.26	0.00108	0.00108	0.0000055	0.00608	0.00111	0.014	0.0211	0.00000552	18	0.0000154	0.000253
2104 Jul	69.9	0.0533	0.0246	0.00157	20.9	0.034	7.51	0.00112	0.00112	0.00000569	0.00629	0.00115	0.0145	0.0218	0.00000571	18.6	0.000016	0.000262
2104 Aug	71.6	0.0546	0.0252	0.00161	21.4	0.0348	7.7	0.00115	0.00115	0.00000583	0.00645	0.00118	0.0149	0.0223	0.00000586	19.1	0.0000164	0.000268
2104 Sep	70.8	0.054	0.0249	0.00159	21.2	0.0344	7.61	0.00114	0.00114	0.00000577	0.00638	0.00116	0.0147	0.0221	0.00000579	18.9	0.0000162	0.000266
2104 Oct	69.3	0.0529	0.0243	0.00156	20.7	0.0337	7.44	0.00111	0.00111	0.00000564	0.00625	0.00114	0.0144	0.0216	0.00000566	18.5	0.0000158	0.00026
2104 Nov	69	0.0526	0.0242	0.00155	20.6	0.0335	7.41	0.00111	0.00111	0.00000561	0.00621	0.00113	0.0143	0.0215	0.00000564	18.4	0.0000158	0.000259
2104 Dec	69	0.0527	0.0242	0.00155	20.6	0.0335	7.41	0.00111	0.00111	0.00000561	0.00622	0.00113	0.0143	0.0215	0.00000564	18.4	0.0000158	0.000259
2105 Jan	69	0.0527	0.0242	0.00155	20.6	0.0335	7.41	0.00111	0.00111	0.00000561	0.00622	0.00113	0.0143	0.0215	0.00000564	18.4	0.0000158	0.000259
2105 Feb	69	0.0527	0.0242	0.00155	20.6	0.0335	7.41	0.00111	0.00111	0.00000562	0.00622	0.00113	0.0143	0.0215	0.00000564	18.4	0.0000158	0.000259
2105 Mar	69	0.0527	0.0242	0.00155	20.6	0.0335	7.41	0.00111	0.00111	0.00000562	0.00622	0.00113	0.0143	0.0215	0.00000564	18.4	0.0000158	0.000259
2105 Apr	69.3	0.0529	0.0243	0.00156	20.7	0.0337	7.44	0.00111	0.00111	0.00000564	0.00624	0.00114	0.0144	0.0216	0.00000566	18.5	0.0000158	0.00026
2105 May	69.4	0.053	0.0244	0.00156	20.8	0.0337	7.45	0.00111	0.00111	0.00000565	0.00625	0.00114	0.0144	0.0217	0.00000567	18.5	0.0000158	0.00026
2105 Jun	68.8	0.0524	0.0242	0.00154	20.6	0.0334	7.4	0.0011	0.0011	0.00000559	0.00619	0.00113	0.0143	0.0214	0.00000561	18.3	0.0000157	0.000258
2105 Jul	71.6	0.0546	0.0251	0.00161	21.4	0.0348	7.7	0.00115	0.00115	0.00000582	0.00644	0.00117	0.0149	0.0223	0.00000584	19.1	0.0000163	0.000268
2105 Aug	70.7	0.0539	0.0248	0.00159	21.1	0.0343	7.6	0.00113	0.00113	0.00000575	0.00636	0.00116	0.0147	0.0221	0.00000577	18.9	0.0000161	0.000265
2105 Sep	68.2	0.052	0.0239	0.00153	20.4	0.0332	7.34	0.00109	0.00109	0.00000554	0.00613	0.00112	0.0142	0.0213	0.00000557	18.2	0.0000155	0.000256
2105 Oct	66.4	0.0506	0.0233	0.00149	19.9	0.0323	7.16	0.00106	0.00106	0.0000054	0.00597	0.00109	0.0138	0.0207	0.00000542	17.7	0.0000151	0.000249
2105 Nov	65.8	0.0501	0.0231	0.00148	19.7	0.032	7.09	0.00105	0.00105	0.00000534	0.0059	0.00108	0.0137	0.0204	0.00000536	17.5	0.0000149	0.000246
2105 Dec	65.8	0.0501	0.0231	0.00148	19.7	0.032	7.09	0.00105	0.00105	0.00000534	0.0059	0.00108	0.0137	0.0204	0.00000537	17.5	0.0000149	0.000246
2106 Jan	65.8	0.0501	0.0231	0.00148	19.7	0.032	7.09	0.00105	0.00105	0.00000534	0.0059	0.00108	0.0137	0.0204	0.00000537	17.5	0.0000149	0.000246
2106 Feb	65.8	0.0501	0.0231	0.00148	19.7	0.032	7.09	0.00105	0.00105	0.00000534	0.0059	0.00108	0.0137	0.0204	0.00000537	17.5	0.0000149	0.000246
2106 Mar	65.8	0.0501	0.0231	0.00148	19.7	0.032	7.1	0.00105	0.00105	0.00000535	0.00591	0.00108	0.0137	0.0205	0.00000537	17.5	0.0000149	0.000246
2106 Apr	66.1	0.0504	0.0232	0.00149	19.8	0.0322	7.13	0.00106	0.00106	0.00000537	0.00593	0.00108	0.0138	0.0206	0.00000539	17.6	0.000015	0.000247
2106 May	67	0.0511	0.0235	0.00151	20.1	0.0327	7.23	0.00107	0.00107	0.00000545	0.00602	0.0011	0.014	0.0208	0.00000547	17.8	0.0000152	0.000251

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Jun	63.6	0.0484	0.0223	0.00143	19.1	0.031	6.88	0.00102	0.00102	0.00000516	0.00569	0.00104	0.0133	0.0197	0.00000518	16.9	0.0000144	0.000237
2106 Jul	65.9	0.0501	0.0232	0.00148	19.8	0.0322	7.15	0.00105	0.00105	0.00000535	0.00589	0.00108	0.0138	0.0204	0.00000537	17.5	0.0000149	0.000245
2106 Aug	66.4	0.0505	0.0234	0.00149	20	0.0324	7.2	0.00106	0.00106	0.00000539	0.00594	0.00108	0.0139	0.0206	0.00000541	17.6	0.000015	0.000247
2106 Sep	65.1	0.0496	0.0228	0.00146	19.6	0.0318	7.05	0.00104	0.00104	0.00000529	0.00583	0.00107	0.0136	0.0202	0.00000531	17.3	0.0000147	0.000243
2106 Oct	64.6	0.0492	0.0227	0.00145	19.4	0.0316	7	0.00103	0.00103	0.00000524	0.00578	0.00106	0.0135	0.02	0.00000527	17.1	0.0000146	0.000241
2106 Nov	64.8	0.0493	0.0227	0.00145	19.5	0.0316	7.01	0.00104	0.00104	0.00000526	0.0058	0.00106	0.0136	0.0201	0.00000528	17.2	0.0000146	0.000242
2106 Dec	64.8	0.0493	0.0227	0.00146	19.5	0.0316	7.02	0.00104	0.00104	0.00000526	0.0058	0.00106	0.0136	0.0201	0.00000528	17.2	0.0000146	0.000242
2107 Jan	64.8	0.0493	0.0227	0.00146	19.5	0.0316	7.02	0.00104	0.00104	0.00000526	0.0058	0.00106	0.0136	0.0201	0.00000528	17.2	0.0000146	0.000242
2107 Feb	64.8	0.0493	0.0227	0.00146	19.5	0.0317	7.02	0.00104	0.00104	0.00000526	0.0058	0.00106	0.0136	0.0201	0.00000528	17.2	0.0000146	0.000242
2107 Mar	64.9	0.0494	0.0228	0.00146	19.5	0.0317	7.03	0.00104	0.00104	0.00000527	0.00581	0.00106	0.0136	0.0201	0.00000529	17.2	0.0000147	0.000242
2107 Apr	65.1	0.0495	0.0228	0.00146	19.5	0.0318	7.04	0.00104	0.00104	0.00000528	0.00582	0.00106	0.0136	0.0202	0.0000053	17.3	0.0000147	0.000243
2107 May	65.1	0.0495	0.0228	0.00146	19.6	0.0318	7.05	0.00104	0.00104	0.00000528	0.00583	0.00107	0.0136	0.0202	0.00000531	17.3	0.0000147	0.000243
2107 Jun	63.9	0.0486	0.0224	0.00144	19.2	0.0313	6.94	0.00102	0.00102	0.00000519	0.00571	0.00104	0.0134	0.0198	0.00000521	16.9	0.0000144	0.000238
2107 Jul	65.6	0.0499	0.023	0.00147	19.7	0.0321	7.12	0.00105	0.00105	0.00000532	0.00586	0.00107	0.0138	0.0203	0.00000535	17.4	0.0000148	0.000244
2107 Aug	68.2	0.0518	0.0239	0.00153	20.5	0.0334	7.4	0.00109	0.00109	0.00000553	0.0061	0.00111	0.0143	0.0211	0.00000556	18.1	0.0000154	0.000254
2107 Sep	68.7	0.0522	0.0241	0.00154	20.7	0.0336	7.46	0.0011	0.0011	0.00000558	0.00614	0.00112	0.0144	0.0212	0.0000056	18.2	0.0000155	0.000256
2107 Oct	68	0.0518	0.0238	0.00153	20.5	0.0333	7.38	0.00109	0.00109	0.00000552	0.00609	0.00111	0.0143	0.0211	0.00000554	18	0.0000153	0.000253
2107 Nov	67.8	0.0516	0.0237	0.00152	20.4	0.0332	7.35	0.00108	0.00108	0.0000055	0.00607	0.00111	0.0142	0.021	0.00000553	18	0.0000153	0.000253
2107 Dec	67.9	0.0516	0.0238	0.00152	20.4	0.0332	7.36	0.00109	0.00109	0.0000055	0.00607	0.00111	0.0142	0.021	0.00000553	18	0.0000153	0.000253
2108 Jan	67.9	0.0517	0.0238	0.00152	20.4	0.0332	7.36	0.00109	0.00109	0.00000551	0.00607	0.00111	0.0142	0.021	0.00000553	18	0.0000153	0.000253
2108 Feb	67.9	0.0517	0.0238	0.00152	20.4	0.0332	7.36	0.00109	0.00109	0.00000551	0.00607	0.00111	0.0142	0.021	0.00000553	18	0.0000153	0.000253
2108 Mar	68	0.0517	0.0238	0.00152	20.4	0.0332	7.37	0.00109	0.00109	0.00000551	0.00608	0.00111	0.0143	0.021	0.00000554	18	0.0000153	0.000253
2108 Apr	68.6	0.0522	0.024	0.00154	20.6	0.0336	7.44	0.0011	0.0011	0.00000557	0.00614	0.00112	0.0144	0.0212	0.00000559	18.2	0.0000155	0.000256
2108 May	70	0.0533	0.0245	0.00157	21	0.0343	7.59	0.00112	0.00112	0.00000568	0.00627	0.00115	0.0147	0.0217	0.00000571	18.6	0.0000158	0.000261
2108 Jun	68.8	0.0525	0.024	0.00154	20.6	0.0336	7.44	0.0011	0.0011	0.00000558	0.00617	0.00113	0.0144	0.0214	0.0000056	18.3	0.0000155	0.000257
2108 Jul	72.5	0.0553	0.0253	0.00162	21.7	0.0355	7.84	0.00116	0.00116	0.00000588	0.0065	0.00119	0.0152	0.0225	0.0000059	19.3	0.0000164	0.000271
2108 Aug	76.7	0.0585	0.0267	0.00172	23	0.0375	8.3	0.00123	0.00123	0.00000622	0.00688	0.00126	0.0161	0.0238	0.00000625	20.4	0.0000173	0.000287
2108 Sep	77.3	0.059	0.0269	0.00173	23.2	0.0378	8.37	0.00124	0.00124	0.00000627	0.00694	0.00127	0.0162	0.024	0.0000063	20.5	0.0000175	0.000289
2108 Oct	74.1	0.0566	0.0258	0.00166	22.2	0.0363	8.02	0.00119	0.00119	0.00000602	0.00666	0.00122	0.0155	0.023	0.00000604	19.7	0.0000168	0.000277
2108 Nov	73.9	0.0565	0.0257	0.00165	22.1	0.0362	7.98	0.00118	0.00118	0.00000599	0.00664	0.00121	0.0155	0.023	0.00000602	19.7	0.0000167	0.000276
2108 Dec	73.9	0.0565	0.0257	0.00165	22.1	0.0362	7.99	0.00118	0.00118	0.000006	0.00664	0.00122	0.0155	0.023	0.00000602	19.7	0.0000167	0.000276
2109 Jan	73.9	0.0565	0.0257	0.00165	22.1	0.0362	7.99	0.00118	0.00118	0.000006	0.00664	0.00122	0.0155	0.023	0.00000602	19.7	0.0000167	0.000276
2109 Feb	73.9	0.0565	0.0257	0.00165	22.1	0.0362	7.99	0.00118	0.00118	0.000006	0.00665	0.00122	0.0155	0.023	0.00000602	19.7	0.0000167	0.000277
2109 Mar	74	0.0566	0.0257	0.00165	22.2	0.0362	8	0.00118	0.00118	0.00000601	0.00665	0.00122	0.0155	0.023	0.00000603	19.7	0.0000167	0.000277
2109 Apr	74.5	0.057	0.0259	0.00167	22.3	0.0365	8.05	0.00119	0.00119	0.00000605	0.0067	0.00123	0.0156	0.0232	0.00000607	19.8	0.0000169	0.000279
2109 May	74.8	0.0573	0.026	0.00167	22.4	0.0366	8.08	0.0012	0.0012	0.00000607	0.00673	0.00123	0.0157	0.0233	0.0000061	19.9	0.0000169	0.00028
2109 Jun	74.7	0.0572	0.0259	0.00166	22.3	0.0366	8.06	0.00119	0.00119	0.00000606	0.00673	0.00123	0.0156	0.0233	0.00000608	19.9	0.0000169	0.00028
2109 Jul	77.2	0.0591	0.0267	0.00172	23.1	0.0378	8.33	0.00123	0.00123	0.00000626	0.00695	0.00127	0.0161	0.0241	0.00000629	20.6	0.0000175	0.000289
2109 Aug	80.1	0.0613	0.0277	0.00179	24	0.0392	8.65	0.00128	0.00128	0.0000065	0.00721	0.00132	0.0168	0.025	0.00000653	21.4	0.0000182	0.0003
2109 Sep	79.3	0.0608	0.0274	0.00177	23.7	0.0388	8.56	0.00127	0.00127	0.00000644	0.00715	0.00131	0.0166	0.0247	0.00000646	21.2	0.000018	0.000298
2109 Oct	76.1	0.0585	0.0262	0.00169	22.7	0.0373	8.2	0.00122	0.00122	0.00000618	0.00687	0.00126	0.0159	0.0238	0.0000062	20.3	0.0000173	0.000286
2109 Nov	76.1	0.0585	0.0262	0.00169	22.7	0.0373	8.2	0.00122	0.00122	0.00000618	0.00688	0.00126	0.0159	0.0238	0.0000062	20.4	0.0000173	0.000286
2109 Dec	76.2	0.0585	0.0263	0.00169	22.7	0.0373	8.21	0.00122	0.00122	0.00000618	0.00688	0.00126	0.0159	0.0238	0.00000621	20.4	0.0000173	0.000286
2110 Jan	76.2	0.0586	0.0263	0.00169	22.7	0.0373	8.21	0.00122	0.00122	0.00000618	0.00688	0.00126	0.0159	0.0238	0.00000621	20.4	0.0000173	0.000286
2110 Feb	76.2	0.0586	0.0263	0.00169	22.8	0.0374	8.21	0.00122	0.00122	0.00000619	0.00689	0.00126	0.0159	0.0238	0.00000621	20.4	0.0000173	0.000286
2110 Mar	76.3	0.0586	0.0263	0.0017	22.8	0.0374	8.22	0.00122	0.00122	0.00000619	0.00689	0.00126	0.0159	0.0238	0.00000622	20.4	0.0000173	0.000287
2110 Apr	76.6	0.0589	0.0264	0.0017	22.9	0.0375	8.25	0.00123	0.00123	0.00000622	0.00692	0.00127	0.016	0.0239	0.00000624	20.5	0.0000174	0.000288
2110 May	77.3	0.0594	0.0266	0.00172	23.1	0.0379	8.33	0.00124	0.00124	0.00000627	0.00699	0.00128	0.0162	0.0242	0.0000063	20.7	0.0000176	0.00029
2110 Jun	73	0.0561	0.0251	0.00162	21.8	0.0358	7.88	0.00117	0.00117	0.00000592	0.00659	0.00121	0.0153	0.0228	0.00000594	19.5	0.0000165	0.000274
2110 Jul	75.3	0.0578	0.0259	0.00167	22.5	0.0369	8.13	0.0012	0.0012	0.0000061	0.00679	0.00124	0.0158	0.0235	0.00000613	20.1	0.0000171	0.000282
2110 Aug	72.6	0.0557	0.025	0.00161	21.7	0.0356	7.84	0.00116	0.00116	0.00000588	0.00655	0.0012	0.0152	0.0226	0.00000591	19.4	0.0000164	0.000272
2110 Sep	69	0.0528	0.0238	0.00153	20.6	0.0339	7.47	0.0011	0.0011	0.00000559	0.00621	0.00114	0.0145	0.0214	0.00000561	18.3	0.0000156	0.000258
2110 Oct	65.9	0.0504	0.0227	0.00147	19.8	0.0325	7.16	0.00105	0.00105	0.00000534	0.00593	0.00108	0.0139	0.0204	0.00000537	17.5	0.0000148	0.000246
2110 Nov	65.1	0.0498	0.0225	0.00145	19.6	0.0321	7.08	0.00104	0.00104	0.00000529	0.00586	0.00107	0.0138	0.0201	0.00000531	17.3	0.0000147	0.000243
2110 Dec	65.2	0.0499	0.0225	0.00145	19.6	0.0322	7.09	0.00104	0.00104	0.00000529	0.00586	0.00107	0.0138	0.0202	0.00000531	17.3	0.0000147	0.000243
2111 Jan	65.2	0.0499	0.0225	0.00145	19.6	0.0322	7.09	0.00104	0.00104	0.00000529	0.00586	0.00107	0.0138	0.0202	0.00000531	17.3	0.0000147	0.000243
2111 Feb	65.2	0.0499	0.0225	0.00145	19.6	0.0322	7.09	0.00104	0.00104	0.00000529	0.00586	0.00107	0.0138	0.0202	0.00000531	17.3	0.0000147	0.000243
2111 Mar	65.3	0.05	0.0225	0.00146	19.6	0.0322	7.1	0.00104	0.00104	0.0000053	0.00587	0.00107	0.0138	0.0202	0.00000532	17.3	0.0000147	0.000243
2111 Apr	65.7	0.0503	0.0227	0.00147	19.7	0.0324	7.15	0.00105	0.00105	0.00000533	0.00591	0.00108	0.0139	0.0203	0.00000536	17.4	0.0000148	0.000245
2111 May	66.5	0.0509	0.0229	0.00148	20	0.0328	7.23	0.00106	0.00106	0.00000539	0.00598	0.00109	0.0141	0.0206	0.00000542	17.6	0.000015	0.000248
2111 Jun	64.5	0.0494	0.0222	0.00144	19.4	0.0319	7.03	0.00103	0.00103	0.00000523	0.00579	0.00106	0.0137	0.0199	0.00000525	17	0.0000145	0.00024
2111 Jul	68.1	0.0522	0.0235	0.00152	20.5	0.0337	7.42	0.00109	0.00109	0.00000552	0.00612	0.00112	0.0145	0.021	0.00000554	18	0.0000153	0.000253
2111 Aug	67.5	0.0518	0.0233	0.00151	20.3	0.0334	7.36	0.00108	0.00108	0.00000548	0.00607	0.00111	0.0143	0.0209	0.0000055	17.9	0.0000152	0.000251
2111 Sep	67.2	0.0516	0.0231	0.0015	20.2	0.0332	7.31	0.00107	0.00107	0.00000545	0.00605	0.00111	0.0142	0.0208	0.00000547	17.8	0.0000151	0.00025
2111 Oct	65.1	0.05	0.0224	0.00145	19.6	0.0322	7.1	0.00104	0.00104	0.00000528	0.00586	0.00107	0.0138	0.0201	0.0000053	17.2	0.0000146	0.000242
2111 Nov	63.9	0.049	0.022	0.00142	19.2	0.0317	6.97	0.00102	0.00102	0.00000518	0.00574	0.00105	0.0136	0.0197	0.0000052	16.9	0.0000143	0.000237
2111 Dec	63.9	0.049	0.022	0.00142	19.2	0.0317	6.98	0.00102	0.00102	0.00000518	0.00574	0.00105	0.0136	0.0197	0.00000521	16.9	0.0000143	0.000237

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2112 Jan	63.9	0.049	0.022	0.00142	19.2	0.0317	6.98	0.00102	0.00102	0.00000518	0.00574	0.00105	0.0136	0.0197	0.00000521	16.9	0.0000143	0.000237
2112 Feb	63.9	0.0491	0.022	0.00143	19.2	0.0317	6.98	0.00102	0.00102	0.00000518	0.00575	0.00105	0.0136	0.0197	0.00000521	16.9	0.0000143	0.000237
2112 Mar	64.1	0.0492	0.022	0.00143	19.3	0.0318	6.99	0.00102	0.00102	0.0000052	0.00576	0.00105	0.0136	0.0197	0.00000522	16.9	0.0000144	0.000238
2112 Apr	64.4	0.0495	0.0222	0.00144	19.4	0.032	7.03	0.00103	0.00103	0.00000523	0.00579	0.00106	0.0137	0.0199	0.00000525	17	0.0000144	0.000239
2112 May	64.9	0.0498	0.0223	0.00145	19.5	0.0322	7.08	0.00104	0.00104	0.00000526	0.00583	0.00107	0.0138	0.02	0.00000528	17.1	0.0000145	0.000241
2112 Jun	59.6	0.0457	0.0205	0.00133	18	0.0296	6.54	0.00095	0.00095	0.00000482	0.00533	0.000975	0.0127	0.0183	0.00000484	15.7	0.0000133	0.00022
2112 Jul	60.8	0.0466	0.021	0.00136	18.3	0.0302	6.68	0.000968	0.000968	0.00000492	0.00543	0.000995	0.013	0.0186	0.00000494	16	0.0000135	0.000225
2112 Aug	62.9	0.0482	0.0217	0.0014	19	0.0313	6.91	0.001	0.001	0.00000509	0.00562	0.00103	0.0135	0.0193	0.00000511	16.5	0.000014	0.000233
2112 Sep	62.9	0.0482	0.0217	0.0014	19	0.0312	6.9	0.001	0.001	0.00000509	0.00562	0.00103	0.0135	0.0193	0.00000511	16.5	0.000014	0.000232
2112 Oct	62.3	0.0478	0.0215	0.00139	18.8	0.031	6.84	0.000993	0.000993	0.00000504	0.00557	0.00102	0.0133	0.0191	0.00000506	16.4	0.0000139	0.000231
2112 Nov	62.3	0.0478	0.0215	0.00139	18.8	0.031	6.84	0.000993	0.000993	0.00000504	0.00557	0.00102	0.0133	0.0191	0.00000506	16.4	0.0000139	0.000231
2112 Dec	62.4	0.0478	0.0215	0.00139	18.8	0.031	6.85	0.000994	0.000994	0.00000504	0.00558	0.00102	0.0133	0.0191	0.00000507	16.4	0.0000139	0.000231
2113 Jan	62.4	0.0478	0.0215	0.00139	18.8	0.031	6.85	0.000994	0.000994	0.00000504	0.00558	0.00102	0.0133	0.0191	0.00000507	16.4	0.0000139	0.000231
2113 Feb	62.4	0.0479	0.0215	0.00139	18.8	0.031	6.85	0.000994	0.000994	0.00000505	0.00558	0.00102	0.0133	0.0191	0.00000507	16.4	0.0000139	0.000231
2113 Mar	62.6	0.048	0.0216	0.0014	18.9	0.0311	6.87	0.000997	0.000997	0.00000506	0.0056	0.00102	0.0134	0.0192	0.00000508	16.5	0.0000139	0.000232
2113 Apr	63	0.0483	0.0217	0.0014	19	0.0313	6.91	0.001	0.001	0.00000509	0.00563	0.00103	0.0135	0.0193	0.00000512	16.6	0.000014	0.000233
2113 May	63.7	0.0489	0.0219	0.00142	19.2	0.0316	6.98	0.00101	0.00101	0.00000515	0.00569	0.00104	0.0136	0.0195	0.00000517	16.8	0.0000142	0.000236
2113 Jun	61.8	0.0474	0.0212	0.00137	18.6	0.0307	6.79	0.000983	0.000983	0.00000499	0.00552	0.00101	0.0132	0.019	0.00000501	16.3	0.0000137	0.000229
2113 Jul	64.2	0.0492	0.0221	0.00143	19.4	0.0319	7.05	0.00102	0.00102	0.00000518	0.00573	0.00105	0.0137	0.0197	0.00000521	16.9	0.0000143	0.000238
2113 Aug	66.1	0.0507	0.0227	0.00147	19.9	0.0328	7.26	0.00105	0.00105	0.00000534	0.00591	0.00108	0.0141	0.0203	0.00000536	17.4	0.0000147	0.000245
2113 Sep	65.5	0.0503	0.0225	0.00146	19.7	0.0325	7.19	0.00104	0.00104	0.00000529	0.00585	0.00107	0.014	0.0201	0.00000531	17.3	0.0000146	0.000243
2113 Oct	62.3	0.0479	0.0214	0.00138	18.8	0.0309	6.84	0.000991	0.000991	0.00000503	0.00557	0.00102	0.0133	0.0192	0.00000505	16.4	0.0000139	0.000231
2113 Nov	61.9	0.0475	0.0212	0.00137	18.6	0.0307	6.79	0.000983	0.000983	0.00000499	0.00553	0.00101	0.0132	0.019	0.00000501	16.3	0.0000137	0.000229
2113 Dec	61.9	0.0475	0.0212	0.00137	18.7	0.0307	6.8	0.000984	0.000984	0.00000499	0.00553	0.00102	0.0132	0.019	0.00000502	16.3	0.0000137	0.000229
2114 Jan	61.9	0.0475	0.0212	0.00137	18.7	0.0307	6.8	0.000984	0.000984	0.000005	0.00553	0.00102	0.0132	0.019	0.00000502	16.3	0.0000138	0.000229
2114 Feb	61.9	0.0476	0.0212	0.00137	18.7	0.0307	6.8	0.000984	0.000984	0.000005	0.00553	0.00102	0.0132	0.019	0.00000502	16.3	0.0000138	0.000229
2114 Mar	62	0.0476	0.0213	0.00138	18.7	0.0308	6.81	0.000986	0.000986	0.000005	0.00554	0.00102	0.0133	0.0191	0.00000503	16.3	0.0000138	0.00023
2114 Apr	62.3	0.0478	0.0213	0.00138	18.8	0.0309	6.84	0.00099	0.00099	0.00000503	0.00556	0.00102	0.0133	0.0191	0.00000505	16.4	0.0000138	0.000231
2114 May	62.1	0.0477	0.0213	0.00138	18.7	0.0308	6.82	0.000987	0.000987	0.00000501	0.00555	0.00102	0.0133	0.0191	0.00000503	16.4	0.0000138	0.00023
2114 Jun	62.7	0.0482	0.0215	0.00139	18.9	0.0311	6.89	0.000995	0.000995	0.00000505	0.00559	0.00103	0.0134	0.0192	0.00000508	16.5	0.0000139	0.000232
2114 Jul	66.7	0.0512	0.0228	0.00148	20.1	0.0331	7.33	0.00106	0.00106	0.00000537	0.00595	0.00109	0.0143	0.0205	0.0000054	17.6	0.0000148	0.000247
2114 Aug	70.6	0.0543	0.0242	0.00157	21.3	0.035	7.76	0.00112	0.00112	0.00000569	0.0063	0.00116	0.0151	0.0217	0.00000572	18.6	0.0000157	0.000261
2114 Sep	69.6	0.0535	0.0238	0.00154	21	0.0346	7.65	0.00111	0.00111	0.00000561	0.00621	0.00114	0.0149	0.0214	0.00000564	18.3	0.0000154	0.000258
2114 Oct	67.7	0.0522	0.0232	0.0015	20.4	0.0336	7.44	0.00108	0.00108	0.00000546	0.00605	0.00111	0.0145	0.0208	0.00000548	17.9	0.000015	0.000251
2114 Nov	66.1	0.0511	0.0225	0.00146	19.9	0.0328	7.24	0.00105	0.00105	0.00000533	0.00592	0.00109	0.0141	0.0204	0.00000535	17.5	0.0000147	0.000245
2114 Dec	66.1	0.0511	0.0225	0.00146	19.9	0.0328	7.24	0.00105	0.00105	0.00000532	0.00592	0.00109	0.0141	0.0204	0.00000535	17.5	0.0000147	0.000245
2115 Jan	66.1	0.0511	0.0225	0.00146	19.9	0.0328	7.24	0.00105	0.00105	0.00000532	0.00592	0.00109	0.0141	0.0204	0.00000535	17.5	0.0000147	0.000245
2115 Feb	66.1	0.0511	0.0225	0.00146	19.9	0.0328	7.24	0.00105	0.00105	0.00000533	0.00592	0.00109	0.0141	0.0204	0.00000535	17.5	0.0000147	0.000245
2115 Mar	66.1	0.0511	0.0225	0.00146	19.9	0.0328	7.25	0.00105	0.00105	0.00000533	0.00592	0.00109	0.0141	0.0204	0.00000535	17.5	0.0000147	0.000246
2115 Apr	66.5	0.0514	0.0226	0.00147	20	0.033	7.29	0.00106	0.00106	0.00000536	0.00596	0.0011	0.0142	0.0205	0.00000539	17.6	0.0000148	0.000247
2115 May	66.5	0.0514	0.0226	0.00147	20	0.033	7.28	0.00105	0.00105	0.00000535	0.00595	0.00109	0.0142	0.0205	0.00000538	17.6	0.0000148	0.000247
2115 Jun	68.3	0.0529	0.0232	0.00151	20.5	0.0339	7.49	0.00108	0.00108	0.0000055	0.00612	0.00113	0.0146	0.0211	0.00000552	18.1	0.0000152	0.000254
2115 Jul	71.9	0.0557	0.0244	0.00159	21.6	0.0357	7.88	0.00114	0.00114	0.00000579	0.00644	0.00118	0.0153	0.0222	0.00000581	19	0.0000016	0.000267
2115 Aug	70.9	0.0549	0.0241	0.00156	21.3	0.0352	7.76	0.00112	0.00112	0.0000057	0.00635	0.00117	0.0151	0.0219	0.00000573	18.8	0.0000157	0.000263
2115 Sep	71.1	0.0551	0.0241	0.00156	21.3	0.0353	7.78	0.00113	0.00113	0.00000572	0.00637	0.00117	0.0151	0.022	0.00000575	18.8	0.0000158	0.000264
2115 Oct	71	0.0551	0.0241	0.00156	21.3	0.0353	7.77	0.00113	0.00113	0.00000572	0.00637	0.00117	0.0151	0.022	0.00000574	18.8	0.0000158	0.000264
2115 Nov	70.3	0.0547	0.0238	0.00154	21.1	0.0349	7.68	0.00111	0.00111	0.00000566	0.00631	0.00116	0.015	0.0218	0.00000568	18.7	0.0000156	0.000262
2115 Dec	70.3	0.0547	0.0238	0.00154	21.1	0.0349	7.68	0.00111	0.00111	0.00000566	0.00631	0.00116	0.015	0.0218	0.00000568	18.7	0.0000156	0.000262
2116 Jan	70.3	0.0547	0.0238	0.00154	21.1	0.0349	7.69	0.00111	0.00111	0.00000566	0.00631	0.00116	0.015	0.0218	0.00000568	18.7	0.0000156	0.000262
2116 Feb	70.3	0.0547	0.0238	0.00155	21.1	0.0349	7.69	0.00112	0.00112	0.00000566	0.00631	0.00116	0.015	0.0218	0.00000569	18.7	0.0000156	0.000262
2116 Mar	70.4	0.0548	0.0238	0.00155	21.1	0.035	7.7	0.00112	0.00112	0.00000567	0.00632	0.00116	0.015	0.0218	0.00000569	18.7	0.0000157	0.000262
2116 Apr	70.8	0.0551	0.0239	0.00156	21.2	0.0352	7.74	0.00112	0.00112	0.0000057	0.00636	0.00117	0.0151	0.0219	0.00000572	18.8	0.0000158	0.000264
2116 May	71.2	0.0554	0.0241	0.00156	21.4	0.0354	7.79	0.00113	0.00113	0.00000573	0.0064	0.00118	0.0152	0.0221	0.00000576	18.9	0.0000158	0.000266
2116 Jun	66.3	0.0516	0.0224	0.00145	19.9	0.0329	7.28	0.00105	0.00105	0.00000532	0.00593	0.00109	0.0141	0.0205	0.00000534	17.6	0.0000147	0.000247
2116 Jul	69.8	0.0543	0.0236	0.00153	21	0.0346	7.66	0.0011	0.0011	0.0000056	0.00624	0.00115	0.0149	0.0216	0.00000562	18.5	0.0000154	0.00026
2116 Aug	73	0.0567	0.0247	0.0016	21.9	0.0362	8.01	0.00115	0.00115	0.00000585	0.00652	0.0012	0.0156	0.0226	0.00000588	19.4	0.0000161	0.000272
2116 Sep	71.1	0.0553	0.024	0.00156	21.3	0.0352	7.79	0.00112	0.00112	0.0000057	0.00635	0.00117	0.0151	0.022	0.00000572	18.9	0.0000157	0.000265
2116 Oct	69	0.0538	0.0232	0.00151	20.7	0.0342	7.55	0.00109	0.00109	0.00000553	0.00617	0.00114	0.0147	0.0214	0.00000555	18.3	0.0000153	0.000257
2116 Nov	68.9	0.0538	0.0232	0.00151	20.7	0.0342	7.55	0.00109	0.00109	0.00000552	0.00617	0.00114	0.0147	0.0214	0.00000555	18.3	0.0000153	0.000257
2116 Dec	69	0.0538	0.0232	0.00151	20.7	0.0342	7.55	0.00109	0.00109	0.00000553	0.00617	0.00114	0.0147	0.0214	0.00000555	18.3	0.0000153	0.000257
2117 Jan	69	0.0538	0.0232	0.00151	20.7	0.0342	7.55	0.00109	0.00109	0.00000553	0.00617	0.00114	0.0147	0.0214	0.00000555	18.3	0.0000153	0.000257
2117 Feb	69	0.0538	0.0232	0.00151	20.7	0.0342	7.55	0.00109	0.00109	0.00000553	0.00617	0.00114	0.0147	0.0214	0.00000555	18.3	0.0000153	0.000257
2117 Mar	69	0.0539	0.0232	0.00151	20.7	0.0342	7.56	0.00109	0.00109	0.00000553	0.00618	0.00114	0.0147	0.0214	0.00000556	18.4	0.0000153	0.000257
2117 Apr	69.5	0.0542	0.0234	0.00152	20.8	0.0345	7.61	0.0011	0.0011	0.00000557	0.00622	0.00115	0.0148	0.0216	0.0000056	18.5	0.0000154	0.000259
2117 May	70.2	0.0548	0.0236	0.00153	21.1	0.0348	7.69	0.00111	0.00111	0.00000563	0.00629	0.00116	0.0149	0.0218	0.00000565	18.7	0.0000156	0.000262
2117 Jun	70.6	0.0551	0.0237	0.00154	21.2	0.035	7.73	0.00111	0.00111	0.00000565	0.00631	0.00117	0.015	0.0219	0.00000567	18.8	0.0000156	0.000263
2117 Jul	74.5	0.0582	0.025	0.00163	22.3	0.0369	8.16	0.00118	0.00118	0.00000597	0.00666	0.00123	0.0159	0.0231	0.00000599	19.8	0.0000165	0.000278

Appendix C.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2117 Aug	76.7	0.0599	0.0258	0.00167	23	0.038	8.4	0.00121	0.00121	0.00000614	0.00686	0.00127	0.0163	0.0238	0.00000617	20.4	0.000017	0.000286
2117 Sep	77.6	0.0606	0.0261	0.00169	23.3	0.0384	8.5	0.00122	0.00122	0.00000621	0.00694	0.00128	0.0165	0.0241	0.00000624	20.6	0.0000172	0.000289
2117 Oct	76.8	0.06	0.0258	0.00168	23	0.0381	8.41	0.00121	0.00121	0.00000615	0.00687	0.00127	0.0163	0.0238	0.00000618	20.4	0.000017	0.000287
2117 Nov	76.5	0.0598	0.0257	0.00167	22.9	0.0379	8.38	0.00121	0.00121	0.00000612	0.00684	0.00127	0.0163	0.0237	0.00000615	20.4	0.0000169	0.000285
2117 Dec	76.5	0.0598	0.0257	0.00167	22.9	0.0379	8.38	0.00121	0.00121	0.00000613	0.00685	0.00127	0.0163	0.0238	0.00000615	20.4	0.0000169	0.000285
2118 Jan	76.5	0.0598	0.0257	0.00167	23	0.0379	8.38	0.00121	0.00121	0.00000613	0.00685	0.00127	0.0163	0.0238	0.00000615	20.4	0.0000169	0.000285
2118 Feb	76.6	0.0598	0.0257	0.00167	23	0.0379	8.38	0.00121	0.00121	0.00000613	0.00685	0.00127	0.0163	0.0238	0.00000615	20.4	0.0000169	0.000285
2118 Mar	76.6	0.0599	0.0257	0.00167	23	0.038	8.39	0.00121	0.00121	0.00000613	0.00685	0.00127	0.0163	0.0238	0.00000616	20.4	0.000017	0.000286
2118 Apr	77	0.0601	0.0259	0.00168	23.1	0.0381	8.43	0.00121	0.00121	0.00000616	0.00688	0.00127	0.0164	0.0239	0.00000619	20.5	0.000017	0.000287
2118 May	76	0.0596	0.0254	0.00165	22.7	0.0376	8.31	0.0012	0.0012	0.00000607	0.0068	0.00126	0.0161	0.0237	0.0000061	20.3	0.0000168	0.000284
2118 Jun	71.6	0.0561	0.0239	0.00155	21.4	0.0353	7.83	0.00112	0.00112	0.0000057	0.00638	0.00119	0.0152	0.0223	0.00000572	19.1	0.0000158	0.000268
2118 Jul	76.1	0.0597	0.0254	0.00165	22.8	0.0375	8.32	0.00119	0.00119	0.00000606	0.00679	0.00126	0.0161	0.0237	0.00000609	20.3	0.0000168	0.000285
2118 Aug	76.3	0.0598	0.0255	0.00165	22.8	0.0376	8.34	0.0012	0.0012	0.00000607	0.0068	0.00127	0.0161	0.0238	0.0000061	20.4	0.0000168	0.000285
2118 Sep	72.9	0.0572	0.0243	0.00157	21.8	0.0359	7.96	0.00114	0.00114	0.0000058	0.0065	0.00121	0.0154	0.0228	0.00000582	19.5	0.0000161	0.000273
2118 Oct	70.9	0.0556	0.0236	0.00153	21.2	0.0349	7.74	0.00111	0.00111	0.00000563	0.00632	0.00118	0.015	0.0221	0.00000566	19	0.0000156	0.000265
2118 Nov	70.4	0.0552	0.0234	0.00152	21	0.0347	7.69	0.0011	0.0011	0.00000559	0.00627	0.00117	0.0149	0.022	0.00000562	18.8	0.0000155	0.000264
2118 Dec	70.4	0.0553	0.0234	0.00152	21.1	0.0347	7.7	0.0011	0.0011	0.0000056	0.00627	0.00117	0.0149	0.022	0.00000562	18.8	0.0000155	0.000264
2119 Jan	70.4	0.0553	0.0234	0.00152	21.1	0.0347	7.7	0.0011	0.0011	0.0000056	0.00627	0.00117	0.0149	0.022	0.00000562	18.8	0.0000155	0.000264
2119 Feb	70.4	0.0553	0.0235	0.00152	21.1	0.0347	7.7	0.0011	0.0011	0.0000056	0.00628	0.00117	0.0149	0.022	0.00000562	18.8	0.0000155	0.000264
2119 Mar	70.6	0.0554	0.0235	0.00152	21.1	0.0348	7.72	0.00111	0.00111	0.00000561	0.00629	0.00117	0.0149	0.022	0.00000563	18.9	0.0000156	0.000264
2119 Apr	71.2	0.0559	0.0237	0.00154	21.3	0.035	7.78	0.00111	0.00111	0.00000566	0.00634	0.00118	0.0151	0.0222	0.00000568	19	0.0000157	0.000267
2119 May	69.1	0.0543	0.023	0.00149	20.7	0.034	7.56	0.00108	0.00108	0.00000548	0.00614	0.00115	0.0146	0.0216	0.0000055	18.5	0.0000152	0.000259
2119 Jun	68	0.0534	0.0226	0.00146	20.4	0.0334	7.46	0.00106	0.00106	0.00000538	0.00603	0.00113	0.0144	0.0213	0.0000054	18.2	0.0000149	0.000255
2119 Jul	72	0.0565	0.024	0.00155	21.6	0.0353	7.89	0.00112	0.00112	0.00000569	0.00638	0.00119	0.0152	0.0225	0.00000572	19.2	0.0000158	0.000269
2119 Aug	74	0.0581	0.0246	0.00159	22.1	0.0363	8.11	0.00115	0.00115	0.00000585	0.00655	0.00123	0.0156	0.0231	0.00000588	19.8	0.0000162	0.000277
2119 Sep	72.5	0.057	0.0241	0.00156	21.7	0.0356	7.94	0.00113	0.00113	0.00000574	0.00643	0.0012	0.0153	0.0227	0.00000576	19.4	0.0000159	0.000272
2119 Oct	70.9	0.0558	0.0235	0.00152	21.2	0.0348	7.75	0.0011	0.0011	0.0000056	0.00629	0.00118	0.015	0.0222	0.00000563	19	0.0000156	0.000266
2119 Nov	70.1	0.0552	0.0233	0.0015	21	0.0344	7.68	0.00109	0.00109	0.00000554	0.00622	0.00117	0.0148	0.022	0.00000557	18.8	0.0000154	0.000263
2119 Dec	70.2	0.0553	0.0233	0.0015	21	0.0344	7.68	0.00109	0.00109	0.00000554	0.00622	0.00117	0.0148	0.022	0.00000557	18.8	0.0000154	0.000263

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.0000739	0.00046	0.0639	0.00000382	0.653	0.913	0.00822	0.0000774	2.09	0.00066	0.00433	0.0000369	0.0000332	0.0000308	0.0377	0.000000765	0.0000282	0.000161	0.000694	
Operation (2024-2031): Mean	0.000191	0.000616	0.0879	0.00000635	0.882	1.64	0.0292	0.000186	3.12	0.000808	0.00668	0.000238	0.0000915	0.0000465	0.0654	0.00000127	0.000044	0.0004	0.00101	
Operation (2024-2031): Max	0.000328	0.000976	0.148	0.0000105	1.44	2.7	0.0524	0.000388	4.99	0.00135	0.0107	0.000438	0.000184	0.000079	0.107	0.0000021	0.0000675	0.000729	0.00181	
Active Closure (2032-2038): Min	0.0000937	0.000492	0.0637	0.00000614	0.676	1.02	0.0116	0.00014	2.17	0.000705	0.00648	0.0000597	0.0000333	0.0000324	0.0418	0.00000135	0.0000395	0.000195	0.000896	0.0000115
Active Closure (2032-2038): Mean	0.0002	0.000755	0.101	0.00000842	1.07	1.86	0.0297	0.00023	3.84	0.00102	0.00865	0.000232	0.000134	0.0000547	0.074	0.00000173	0.000058	0.000475	0.00143	0.0000581
Active Closure (2032-2038): Max	0.000259	0.000906	0.125	0.00000975	1.3	2.27	0.0401	0.000437	7.17	0.0012	0.00994	0.000323	0.000167	0.0000685	0.0908	0.00000209	0.0000867	0.000613	0.00168	0.0000688
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000177	0.000856	0.0726	0.00000573	1.23	1.91	0.023	0.000206	6.85	0.00104	0.00733	0.000176	0.000121	0.0000648	0.0687	0.00000192	0.0000825	0.000363	0.00127	0.0000669
Post Closure (2039-2119): Mean	0.000256	0.00108	0.103	0.00000776	1.6	2.58	0.0363	0.000268	8.51	0.0014	0.00938	0.000286	0.000167	0.0000868	0.0946	0.0000024	0.000114	0.000519	0.00161	0.0000966
Post Closure (2039-2119): Max	0.000359	0.00139	0.142	0.0000103	2.11	3.5	0.0525	0.00036	10.8	0.00186	0.0122	0.000417	0.000217	0.000115	0.129	0.00000299	0.000151	0.000718	0.00204	0.000127
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan	0.00023	0.00046	0.0834	0.00000382	0.766	1.66	0.0387	0.0000774	2.73	0.00066	0.00433	0.000335	0.0000852	0.0000467	0.0645	0.000000765	0.0000282	0.000464	0.000694	
2024 Feb	0.00023	0.00046	0.0834	0.00000382	0.766	1.66	0.0387	0.0000774	2.73	0.00066	0.00433	0.000335	0.0000852	0.0000467	0.0645	0.000000765	0.0000282	0.000464	0.000694	
2024 Mar	0.00023	0.00046	0.0835	0.00000383	0.766	1.66	0.0387	0.0000775	2.73	0.000661	0.00433	0.000335	0.0000853	0.0000467	0.0645	0.000000765	0.0000282	0.000465	0.000695	
2024 Apr	0.00023	0.000461	0.0836	0.00000383	0.767	1.66	0.0388	0.0000776	2.73	0.000662	0.00434	0.000336	0.0000854	0.0000468	0.0646	0.000000767	0.0000282	0.000465	0.000696	
2024 May	0.000233	0.000466	0.0846	0.00000388	0.776	1.68	0.0392	0.0000787	2.76	0.00067	0.00439	0.000339	0.0000864	0.0000473	0.0654	0.000000777	0.0000286	0.000471	0.000705	
2024 Jun	0.000232	0.00047	0.0847	0.00000394	0.779	1.68	0.039	0.0000807	2.77	0.000673	0.00445	0.000337	0.0000868	0.0000473	0.0653	0.000000788	0.0000289	0.00047	0.000713	
2024 Jul	0.00024	0.000487	0.0878	0.00000409	0.808	1.74	0.0404	0.0000838	2.87	0.000698	0.00461	0.00035	0.0000901	0.0000491	0.0678	0.000000818	0.00003	0.000487	0.00074	
2024 Aug	0.000246	0.000498	0.0899	0.00000419	0.827	1.78	0.0414	0.0000858	2.94	0.000715	0.00472	0.000358	0.0000922	0.0000502	0.0693	0.000000837	0.0000307	0.000498	0.000757	
2024 Sep	0.000245	0.000496	0.0894	0.00000417	0.822	1.77	0.0412	0.0000853	2.93	0.000711	0.0047	0.000356	0.0000917	0.00005	0.069	0.000000833	0.0000305	0.000496	0.000753	
2024 Oct	0.000245	0.000496	0.0895	0.00000417	0.823	1.77	0.0412	0.0000854	2.93	0.000712	0.0047	0.000356	0.0000918	0.00005	0.0691	0.000000834	0.0000306	0.000496	0.000754	
2024 Nov	0.000245	0.000497	0.0896	0.00000417	0.824	1.77	0.0413	0.0000855	2.93	0.000713	0.00471	0.000357	0.0000919	0.0000501	0.0691	0.000000835	0.0000306	0.000497	0.000755	
2024 Dec	0.000245	0.000497	0.0897	0.00000418	0.825	1.78	0.0413	0.0000856	2.93	0.000713	0.00471	0.000357	0.0000919	0.0000501	0.0692	0.000000835	0.0000306	0.000497	0.000755	
2025 Jan	0.000245	0.000497	0.0897	0.00000418	0.825	1.78	0.0413	0.0000856	2.93	0.000713	0.00471	0.000357	0.0000919	0.0000501	0.0692	0.000000835	0.0000306	0.000497	0.000755	
2025 Feb	0.000245	0.000497	0.0897	0.00000418	0.825	1.78	0.0413	0.0000856	2.93	0.000713	0.00471	0.000357	0.000092	0.0000501	0.0692	0.000000835	0.0000306	0.000497	0.000756	
2025 Mar	0.000245	0.000497	0.0897	0.00000418	0.825	1.78	0.0413	0.0000856	2.94	0.000713	0.00471	0.000357	0.000092	0.0000501	0.0692	0.000000836	0.0000306	0.000497	0.000756	
2025 Apr	0.000246	0.000498	0.0897	0.00000418	0.825	1.78	0.0413	0.0000856	2.94	0.000714	0.00471	0.000357	0.000092	0.0000502	0.0692	0.000000836	0.0000306	0.000498	0.000756	
2025 May	0.000249	0.000504	0.0908	0.00000423	0.835	1.8	0.0418	0.0000867	2.97	0.000722	0.00477	0.000361	0.0000931	0.0000508	0.0701	0.000000846	0.000031	0.000504	0.000765	
2025 Jun	0.00025	0.000509	0.0916	0.0000043	0.843	1.81	0.0421	0.0000884	3	0.00073	0.00484	0.000363	0.0000942	0.0000512	0.0706	0.000000859	0.0000314	0.000507	0.000776	
2025 Jul	0.00025	0.000515	0.0921	0.00000438	0.85	1.82	0.0421	0.0000907	3.02	0.000737	0.00491	0.000363	0.0000952	0.0000514	0.071	0.000000876	0.0000319	0.000509	0.00079	
2025 Aug	0.000259	0.000532	0.0952	0.00000452	0.879	1.88	0.0435	0.0000937	3.12	0.000762	0.00508	0.000375	0.0000984	0.0000532	0.0734	0.000000905	0.000033	0.000526	0.000816	
2025 Sep	0.000259	0.000533	0.0955	0.00000454	0.881	1.89	0.0436	0.000094	3.13	0.000764	0.00509	0.000376	0.0000986	0.0000533	0.0736	0.000000907	0.0000331	0.000528	0.000818	
2025 Oct	0.000256	0.000527	0.0943	0.00000449	0.871	1.86	0.043	0.0000931	3.09	0.000755	0.00504	0.000371	0.0000975	0.0000527	0.0726	0.000000898	0.0000327	0.000521	0.00081	
2025 Nov	0.000254	0.000525	0.0937	0.00000447	0.865	1.85	0.0427	0.0000929	3.08	0.000751	0.00502	0.000368	0.000097	0.0000523	0.0722	0.000000895	0.0000326	0.000517	0.000806	
2025 Dec	0.000254	0.000525	0.0938	0.00000448	0.866	1.85	0.0427	0.0000929	3.08	0.000751	0.00502	0.000368	0.000097	0.0000523	0.0722	0.000000895	0.0000326	0.000518	0.000807	
2026 Jan	0.000254	0.000525	0.0938	0.00000448	0.866	1.85	0.0427	0.0000929	3.08	0.000751	0.00502	0.000368	0.000097	0.0000523	0.0722	0.000000895	0.0000326	0.000518	0.000807	
2026 Feb	0.000254	0.000525	0.0938	0.00000448	0.866	1.85	0.0427	0.0000929	3.08	0.000751	0.00502	0.000368	0.000097	0.0000523	0.0722	0.000000895	0.0000326	0.000518	0.000807	
2026 Mar	0.000254	0.000525	0.0938	0.00000448	0.866	1.85	0.0427	0.000093	3.08	0.000752	0.00502	0.000369	0.0000971	0.0000524	0.0722	0.000000896	0.0000326	0.000518	0.000807	
2026 Apr	0.000255	0.000526	0.094	0.00000449	0.868	1.86	0.0428	0.0000932	3.09	0.000754	0.00503	0.000369	0.0000973	0.0000525	0.0724	0.000000898	0.0000327	0.000519	0.000809	
2026 May	0.000258	0.000531	0.0949	0.00000453	0.877	1.87	0.0432	0.0000941	3.11	0.000761	0.00508	0.000373	0.0000982	0.000053	0.0731	0.000000906	0.000033	0.000524	0.000817	
2026 Jun	0.000256	0.000534	0.0948	0.00000459	0.877	1.87	0.0429	0.0000961	3.11	0.000763	0.00513	0.000369	0.0000987	0.0000529	0.0729	0.000000919	0.0000333	0.000522	0.000826	
2026 Jul	0.000263	0.00055	0.0977	0.00000475	0.904	1.92	0.0441	0.0000994	3.21	0.000787	0.0053	0.00038	0.000102	0.0000545	0.0751	0.00000095	0.0000344	0.000537	0.000854	
2026 Aug	0.000268	0.000562	0.0997	0.00000485	0.923	1.96	0.045	0.000101	3.28	0.000803	0.00541	0.000388	0.000104	0.0000556	0.0766	0.000000969	0.0000351	0.000548	0.000871	
2026 Sep	0.000272	0.000568	0.101	0.0000049	0.934	1.99	0.0455	0.000103	3.31	0.000813	0.00547	0.000392	0.000105	0.0000562	0.0775	0.000000981	0.0000355	0.000555	0.000881	
2026 Oct	0.00027	0.000564	0.1	0.00000487	0.927	1.97	0.0452	0.000102	3.29	0.000807	0.00543	0.000389	0.000104	0.0000558	0.077	0.000000974	0.0000353	0.000551	0.000875	
2026 Nov	0.00027	0.000566	0.1	0.00000488	0.93	1.98	0.0453	0.000102	3.3	0.000809	0.00545	0.000391	0.000105	0.000056	0.0772	0.000000976	0.0000353	0.000552	0.000878	
2026 Dec	0.000271	0.000566	0.1	0.00000488	0.93	1.98	0.0453	0.000102	3.3	0.000809	0.00545	0.000391	0.000105	0.000056	0.0772	0.000000977	0.0000354	0.000552	0.000878	
2027 Jan	0.000271	0.000566	0.1	0.00000488	0.93	1.98	0.0454	0.000102	3.3	0.000809	0.00545	0.000391	0.000105	0.000056	0.0772	0.000000977	0.0000354	0.000552	0.000878	
2027 Feb	0.000271	0.000566	0.1	0.00000488	0.93	1.98	0.0454	0.000102	3.3	0.000809	0.00545	0.000391	0.000105	0.000056	0.0772	0.000000977	0.0000354	0.000552	0.000878	
2027 Mar	0.000271	0.000566	0.1	0.00000489	0.93	1.98	0.0454	0.000102	3.3	0.00081	0.00545	0.000391	0.000105	0.000056	0.0773	0.000000977	0.0000354	0.000553	0.000878	
2027 Apr	0.000272	0.000569	0.101	0.0000049	0.934	1.99	0.0455	0.000103	3.32	0.000813	0.00547	0.000392	0.000105	0.0000562	0.0776	0.000000981	0.0000355	0.000555	0.000882	
2027 May	0.000275	0.000576	0.102	0.00000497	0.946	2.01	0.0461	0.000104	3.36	0.000823	0.00554	0.000397	0.000106	0.0000569	0.0785	0.000000993	0.000036	0.000562	0.000893	
2027 Jun	0.000268	0.000562	0.0996	0.00000484	0.923	1.96	0.045	0.000101	3.27	0.000803	0.00541	0.000388	0.000104	0.0000556	0.0766	0.000000969	0.0000351	0.000548	0.000871	
2027 Jul	0.000274	0.000573	0.102	0.00000495	0.942	2	0.0459	0.000104	3.34	0.00082	0.00552	0.000396	0.000106	0.0000567	0.0782	0.000000989	0.0000358	0.000559	0.000889	
2027 Aug	0.000292	0.000614	0.108	0.00000531	1.01	2.14	0.0488	0.000113	3.57	0.000877	0.00591	0.00042	0.000113	0.0000605	0.0834	0.00000106	0.0000384	0.000594	0.000951	
2027 Sep	0.000277	0.000627	0.106	0.00000554	1	2.09	0.0457	0.00014	3.57	0.000873	0.00616	0.00039	0.000105	0.0000587	0.0818	0.00000111	0.0000407	0.00056	0.000949	
2027 Oct	0.00024	0.000651	0.0984	0.00000595	0.968	1.93	0.0376	0.000201	3.5	0.000847	0.00667	0.000311	0.0000865	0.0000526	0.0763	0.00000119	0.0000458	0.000474	0.000923	
2027 Nov	0.000232	0.000675	0.0982	0.00000623	0.98	1.93	0.0357	0.000228	3.56	0.000858	0.00701	0.00029	0.0000818	0.0000517	0.0761	0.00000125	0.0000487	0.000454	0.000936	
2027 Dec	0.000231	0.000676	0.098	0.00000625	0.98	1.92	0.0354	0.00023	3.55	0.000857	0.00703	0.000288	0.0000813	0.0000516	0.076	0.00000125	0.0000489	0.000452	0.000935	
2028 Jan	0.000231	0.000676	0.098	0.00000625	0.98	1.92	0.0354	0.00023	3.55	0.000857	0.00703	0.000288	0.0000813	0.0000516	0.076	0.00000125	0.0000489	0.000452	0.000936	
2028 Feb	0.000231	0.000676	0.0981	0.00000625	0.98	1.92	0.0355	0.000231	3.56	0.000858	0.00703	0.000288	0.0000813	0.0000516	0.0761	0.00000125	0.0000489	0.000452	0.000936	
2028 Mar	0.000231	0.000677	0.0981	0.00000626	0.981	1.93	0.0355	0.000231	3.56	0.000859	0.00704	0.000289	0.0000814	0.0000517	0.0762	0.00000125	0.000049	0.000453	0.000937	

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Apr	0.000237	0.000695	0.101	0.00000643	1.01	1.98	0.0364	0.000237	3.65	0.000882	0.00723	0.000296	0.0000836	0.000053	0.0782	0.00000129	0.0000503	0.000465	0.000962	
2028 May	0.000265	0.000774	0.112	0.00000716	1.12	2.2	0.0406	0.000264	4.07	0.000982	0.00805	0.00033	0.0000931	0.0000591	0.0871	0.00000143	0.000056	0.000518	0.00107	
2028 Jun	0.000146	0.000582	0.0823	0.00000763	0.845	1.38	0.0223	0.000145	2.73	0.000859	0.00744	0.000171	0.00015	0.000043	0.0558	0.00000153	0.0000454	0.000439	0.00145	
2028 Jul	0.000101	0.000568	0.0768	0.00000865	0.797	1.13	0.0149	0.00011	2.42	0.000879	0.0079	0.000109	0.000178	0.0000394	0.0465	0.00000173	0.0000448	0.000408	0.0017	
2028 Aug	0.000105	0.000611	0.0804	0.00000912	0.847	1.2	0.0152	0.000132	2.61	0.000923	0.0083	0.00011	0.000175	0.0000418	0.0497	0.00000182	0.0000476	0.0004	0.00173	
2028 Sep	0.0000982	0.000606	0.0741	0.00000835	0.807	1.17	0.0128	0.000188	2.61	0.000844	0.00792	0.0000843	0.000133	0.0000376	0.0485	0.00000167	0.0000485	0.000325	0.00146	
2028 Oct	0.0000916	0.000647	0.0673	0.00000733	0.78	1.21	0.00868	0.000321	2.81	0.000736	0.00783	0.0000382	0.0000559	0.0000308	0.0497	0.00000147	0.0000552	0.000201	0.001	
2028 Nov	0.0000974	0.000695	0.0714	0.00000775	0.831	1.3	0.00893	0.000355	3.02	0.000777	0.00836	0.0000369	0.0000532	0.0000324	0.0532	0.00000155	0.0000596	0.000205	0.00103	
2028 Dec	0.0000978	0.000698	0.0717	0.00000778	0.835	1.3	0.00897	0.000356	3.03	0.000781	0.0084	0.0000371	0.0000535	0.0000325	0.0535	0.00000156	0.0000599	0.000206	0.00103	
2029 Jan	0.0000978	0.000698	0.0717	0.00000778	0.835	1.3	0.00897	0.000356	3.03	0.000781	0.0084	0.0000371	0.0000535	0.0000325	0.0535	0.00000156	0.0000599	0.000206	0.00103	
2029 Feb	0.0000978	0.000698	0.0717	0.00000778	0.835	1.3	0.00897	0.000356	3.03	0.000781	0.0084	0.0000371	0.0000535	0.0000325	0.0535	0.00000156	0.0000599	0.000206	0.00103	
2029 Mar	0.000098	0.0007	0.0718	0.0000078	0.837	1.31	0.00899	0.000357	3.04	0.000782	0.00842	0.0000371	0.0000536	0.0000326	0.0536	0.00000156	0.00006	0.000206	0.00104	
2029 Apr	0.0000988	0.000706	0.0725	0.00000786	0.844	1.32	0.00907	0.00036	3.07	0.000789	0.00849	0.0000375	0.000054	0.0000329	0.054	0.00000157	0.0000605	0.000208	0.00105	
2029 May	0.000107	0.00076	0.0781	0.00000847	0.91	1.42	0.00982	0.000388	3.3	0.000851	0.00914	0.0000409	0.0000583	0.0000354	0.0583	0.00000169	0.0000651	0.000225	0.00113	
2029 Jun	0.000125	0.000764	0.0876	0.00000935	0.976	1.51	0.0147	0.000317	3.35	0.000961	0.0096	0.0000871	0.000115	0.000042	0.0617	0.00000187	0.0000641	0.000345	0.00148	
2029 Jul	0.0000739	0.000518	0.0639	0.00000727	0.653	0.913	0.0096	0.000109	2.09	0.000708	0.00659	0.0000749	0.000115	0.0000313	0.0377	0.00000145	0.000037	0.000242	0.00124	
2029 Aug	0.0000842	0.000629	0.0722	0.00000834	0.778	1.1	0.00996	0.000175	2.62	0.000807	0.00747	0.0000747	0.0000954	0.0000373	0.0458	0.00000167	0.0000436	0.000197	0.00124	
2029 Sep	0.000088	0.000661	0.0725	0.00000839	0.816	1.17	0.0096	0.000235	2.82	0.000818	0.00778	0.0000622	0.0000791	0.0000376	0.0491	0.00000168	0.0000485	0.000183	0.00118	
2029 Oct	0.0000892	0.000673	0.0711	0.00000807	0.814	1.21	0.00888	0.000281	2.89	0.000791	0.00789	0.0000498	0.0000625	0.0000353	0.0502	0.00000161	0.000052	0.000172	0.00108	
2029 Nov	0.0000873	0.00066	0.0683	0.00000766	0.789	1.19	0.00822	0.000299	2.84	0.000753	0.00772	0.0000414	0.0000514	0.000033	0.0493	0.00000153	0.0000524	0.000161	0.000994	
2029 Dec	0.0000875	0.000662	0.0685	0.00000768	0.791	1.19	0.00824	0.0003	2.85	0.000755	0.00774	0.0000415	0.0000516	0.0000331	0.0494	0.00000154	0.0000525	0.000162	0.000997	
2030 Jan	0.0000875	0.000662	0.0685	0.00000768	0.791	1.19	0.00824	0.0003	2.85	0.000755	0.00774	0.0000415	0.0000516	0.0000331	0.0494	0.00000154	0.0000525	0.000162	0.000997	
2030 Feb	0.0000876	0.000662	0.0685	0.00000768	0.792	1.19	0.00825	0.0003	2.85	0.000756	0.00775	0.0000415	0.0000516	0.0000331	0.0494	0.00000154	0.0000526	0.000162	0.000998	
2030 Mar	0.000088	0.000665	0.0689	0.00000772	0.795	1.2	0.00828	0.000301	2.86	0.00076	0.00778	0.0000417	0.0000519	0.0000332	0.0497	0.00000154	0.0000528	0.000162	0.001	
2030 Apr	0.000089	0.000673	0.0696	0.00000781	0.804	1.21	0.00838	0.000305	2.89	0.000768	0.00787	0.0000422	0.0000524	0.0000336	0.0502	0.00000156	0.0000534	0.000164	0.00101	
2030 May	0.0000994	0.000751	0.0778	0.00000872	0.899	1.35	0.00936	0.00034	3.23	0.000858	0.00879	0.0000471	0.0000586	0.0000375	0.0561	0.00000174	0.0000597	0.000184	0.00113	
2030 Jun	0.000096	0.000661	0.0771	0.00000893	0.855	1.23	0.0114	0.000229	2.82	0.000885	0.00855	0.0000687	0.000127	0.0000384	0.0509	0.00000179	0.0000535	0.000307	0.00149	
2030 Jul	0.0000894	0.000611	0.0749	0.00000867	0.794	1.11	0.0115	0.000158	2.53	0.000853	0.00801	0.0000803	0.000142	0.0000373	0.0461	0.00000173	0.0000469	0.000314	0.00152	
2030 Aug	0.0000943	0.000684	0.0805	0.00000922	0.853	1.21	0.0114	0.000184	2.82	0.000897	0.00844	0.000084	0.000123	0.0000402	0.05	0.00000184	0.0000494	0.000266	0.00147	
2030 Sep	0.000097	0.000707	0.0817	0.00000942	0.884	1.25	0.0115	0.000209	2.95	0.000918	0.00866	0.0000808	0.000118	0.0000413	0.0521	0.00000188	0.0000517	0.00026	0.00147	
2030 Oct	0.0000921	0.000678	0.0749	0.00000849	0.83	1.21	0.00989	0.000251	2.86	0.000832	0.0082	0.0000614	0.0000885	0.0000366	0.0503	0.0000017	0.0000521	0.000221	0.00125	
2030 Nov	0.000092	0.000681	0.0735	0.00000826	0.824	1.22	0.00938	0.000276	2.89	0.000812	0.00819	0.0000537	0.0000766	0.0000352	0.0506	0.00000165	0.0000536	0.000208	0.00117	
2030 Dec	0.0000923	0.000683	0.0737	0.00000828	0.826	1.23	0.00941	0.000277	2.9	0.000814	0.00821	0.0000539	0.0000769	0.0000353	0.0508	0.00000166	0.0000537	0.000209	0.00118	
2031 Jan	0.0000923	0.000683	0.0737	0.00000828	0.827	1.23	0.00941	0.000277	2.9	0.000814	0.00821	0.0000539	0.0000769	0.0000353	0.0508	0.00000166	0.0000537	0.000209	0.00118	
2031 Feb	0.0000923	0.000683	0.0737	0.00000828	0.827	1.23	0.00941	0.000277	2.9	0.000814	0.00821	0.0000539	0.0000769	0.0000353	0.0508	0.00000166	0.0000537	0.000209	0.00118	
2031 Mar	0.0000925	0.000685	0.0739	0.0000083	0.828	1.23	0.00943	0.000277	2.9	0.000816	0.00823	0.000054	0.000077	0.0000354	0.0509	0.00000166	0.0000539	0.000209	0.00118	
2031 Apr	0.000096	0.000711	0.0767	0.00000862	0.86	1.28	0.00979	0.000288	3.01	0.000847	0.00854	0.0000561	0.00008	0.0000368	0.0528	0.00000172	0.0000559	0.000217	0.00122	
2031 May	0.000161	0.000859	0.102	0.00000993	1.09	1.76	0.0204	0.000319	3.85	0.00105	0.00999	0.000147	0.000105	0.0000505	0.0719	0.00000199	0.0000654	0.000347	0.00145	
2031 Jun	0.000328	0.000928	0.143	0.00000954	1.39	2.67	0.0524	0.000225	4.85	0.00128	0.00997	0.000438	0.000167	0.000077	0.106	0.00000191	0.0000637	0.000715	0.00163	
2031 Jul	0.000324	0.000976	0.148	0.0000105	1.44	2.7	0.0514	0.000231	4.99	0.00135	0.0107	0.000428	0.000184	0.000079	0.107	0.0000021	0.0000675	0.000729	0.00181	
2031 Aug	0.000253	0.000877	0.124	0.00000969	1.25	2.24	0.0388	0.000238	4.36	0.00118	0.0096	0.000318	0.00014	0.000067	0.0898	0.00000194	0.0000605	0.000536	0.00154	
2031 Sep	0.000164	0.000737	0.0894	0.00000812	0.99	1.67	0.0221	0.0003	3.54	0.000913	0.00823	0.00016	0.0000747	0.0000479	0.0682	0.00000162	0.000056	0.000312	0.00112	
2031 Oct	0.000113	0.000697	0.0725	0.00000726	0.844	1.38	0.0116	0.000366	3.14	0.000759	0.00798	0.0000612	0.0000336	0.0000341	0.0565	0.00000145	0.0000584	0.000193	0.000876	
2031 Nov	0.000115	0.000716	0.0741	0.00000745	0.864	1.42	0.0116	0.00038	3.22	0.000776	0.00821	0.0000595	0.0000332	0.0000346	0.0578	0.00000149	0.0000602	0.000194	0.000894	
2031 Dec	0.000115	0.000718	0.0742	0.00000746	0.866	1.42	0.0116	0.00038	3.23	0.000778	0.00823	0.0000597	0.0000333	0.0000347	0.058	0.00000149	0.0000603	0.000195	0.000896	
2032 Jan	0.000115	0.000718	0.0742	0.00000746	0.866	1.42	0.0116	0.00038	3.23	0.000778	0.00823	0.0000597	0.0000333	0.0000347	0.058	0.00000149	0.0000603	0.000195	0.000896	
2032 Feb	0.000115	0.000718	0.0742	0.00000746	0.866	1.42	0.0116	0.00038	3.23	0.000778	0.00823	0.0000597	0.0000333	0.0000347	0.058	0.00000149	0.0000604	0.000195	0.000896	
2032 Mar	0.000116	0.00072	0.0744	0.00000748	0.869	1.42	0.0116	0.000381	3.24	0.00078	0.00826	0.0000598	0.0000334	0.0000348	0.0581	0.0000015	0.0000605	0.000195	0.000898	
2032 Apr	0.000118	0.000736	0.0761	0.00000765	0.888	1.45	0.0119	0.00039	3.31	0.000797	0.00844	0.0000612	0.0000341	0.0000356	0.0594	0.00000153	0.0000619	0.0002	0.000918	
2032 May	0.000136	0.00083	0.0865	0.00000861	1.01	1.65	0.014	0.000437	3.75	0.000903	0.0095	0.0000744	0.0000396	0.0000406	0.0676	0.00000172	0.0000696	0.000231	0.00104	
2032 Jun	0.000142	0.000678	0.0861	0.00000843	0.923	1.48	0.0195	0.000235	3.1	0.000914	0.00848	0.000138	0.000129	0.0000435	0.0603	0.00000169	0.0000547	0.000393	0.00143	
2032 Jul	0.0000937	0.000492	0.0637	0.00000675	0.676	1.02	0.0132	0.00014	2.17	0.000705	0.00648	0.0000932	0.00012	0.0000324	0.0418	0.00000135	0.0000395	0.000312	0.00124	
2032 Aug	0.0000996	0.000534	0.0682	0.00000729	0.732	1.1	0.0138	0.000158	2.37	0.000759	0.00696	0.0000968	0.000124	0.000035	0.0452	0.00000146	0.0000426	0.000321	0.00131	
2032 Sep	0.000106	0.000574	0.0727	0.00000781	0.786	1.18	0.0146	0.000174	2.55	0.000812	0.00745	0.000101	0.00013	0.0000376	0.0486	0.00000156	0.0000459	0.000337	0.00138	
2032 Oct	0.000109	0.000592	0.0747	0.00000802	0.808	1.22	0.0149	0.000182	2.63	0.000833	0.00767	0.000103	0.000132	0.0000385	0.05	0.0000016	0.0000473	0.000344	0.00141	
2032 Nov	0.000109	0.000595	0.0748	0.00000803	0.81	1.22	0.0149	0.000185	2.64	0.000835	0.0077	0.000103	0.000131	0.0000385	0.0501	0.00000161	0.0000476	0.000343	0.00141	
2032 Dec	0.000108	0.00059	0.074	0.00000795	0.802	1.21	0.0147	0.000185	2.62	0.000825	0.00762	0.000101	0.000129	0.0000381	0.0497	0.00000159	0.0000473	0.000338	0.00139	
2033 Jan	0.000108	0.00059	0.074	0.00000795	0.802	1.21	0.0147	0.000185	2.62	0.000825	0.00763	0.000101	0.000129	0.0000381	0.0497	0.00000159	0.0000473	0.000338	0.00139	
2033 Feb	0.000108	0.00059	0.0741	0.00000795	0.803	1.21	0.0147	0.000185	2.62	0.000826	0.00763	0.000101	0.000129	0.0000381	0.0497	0.00000159	0.0000473	0.000338	0.0014	
2033 Mar	0.000108	0.000592	0.0744	0.00000798	0.806	1.21	0.0147	0.000186	2.63	0.000829	0.00766	0.000101	0.000129	0.0000382	0.0499	0.0000016	0.0000475	0.000339	0.0014	
2033 Apr	0.00011	0.000604	0.0758	0.00000814	0.821	1.24	0.015	0.000189	2.68	0.000845	0.00781	0.000103	0.000132	0.000039	0.0508	0.00000163	0.0000484	0.000346	0.00143	
2033 May	0.000154	0.00067	0.0896	0.00000852	0.941	1.53	0.0225	0.000196	3.12	0.000941	0.00832	0.000169	0.000143	0.0000469	0.0619	0.0000017	0.0000518	0.000427	0.0015	
2033 Jun	0.000184	0.000628	0.0913	0.00000739	0.922	1.62	0.0286	0.000162	3.1	0.000892	0.00739	0.000229	0.000133	0.0000487	0.065	0.00000148	0.0000462	0.00046	0.00132	
2033 Jul	0.000198	0.000683	0.0991	0.00000809	1	1.76	0.0308	0.000176	3.37	0.000971	0.00806	0.000247	0.000146	0.0000529	0.0704	0.00000162	0.0000503	0.000499	0.00144	
2033 Aug	0.000227	0.000788	0.114	0.00000933	1.15	2.02	0.0352	0.000203	3.88	0.00112	0.00929	0.000282	0.000167	0.0000608	0.0809	0.00000187	0.0000579	0.00057	0.00166	
2033 Sep	0.000215	0.000764	0.109	0.00000901	1.11	1.94	0.0331	0.000207	3.75	0.00107	0.00899	0.000263	0.000156	0.000058	0.0777	0.0000018	0.0000565	0.000535	0.00158	
2033 Oct	0.000182	0.000676	0.0937	0.00000788	0.964	1.67	0.0274	0.000201	3.28	0.000927	0.00795	0.000215	0.000128	0.0000494	0.0672	0.00000158	0.0000508	0.000446	0.00135	

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Nov	0.000181	0.000677	0.0935	0.00000788	0.964	1.67	0.0272	0.000204	3.29	0.000926	0.00796	0.000213	0.000126	0.0000492	0.0672	0.00000158	0.000051	0.000442	0.00134	
2033 Dec	0.000181	0.000678	0.0936	0.00000789	0.965	1.67	0.0272	0.000204	3.29	0.000927	0.00797	0.000213	0.000126	0.0000492	0.0672	0.00000158	0.000051	0.000443	0.00134	
2034 Jan	0.000181	0.000678	0.0936	0.00000789	0.965	1.67	0.0272	0.000204	3.29	0.000927	0.00797	0.000213	0.000126	0.0000492	0.0672	0.00000158	0.0000511	0.000443	0.00134	
2034 Feb	0.000181	0.000678	0.0936	0.00000789	0.965	1.67	0.0272	0.000204	3.29	0.000927	0.00797	0.000213	0.000126	0.0000492	0.0672	0.00000158	0.0000511	0.000443	0.00134	
2034 Mar	0.000181	0.000678	0.0937	0.0000079	0.966	1.67	0.0272	0.000204	3.29	0.000928	0.00798	0.000213	0.000127	0.0000493	0.0673	0.00000158	0.0000511	0.000443	0.00134	
2034 Apr	0.000184	0.000686	0.0948	0.00000799	0.977	1.69	0.0275	0.000206	3.33	0.000938	0.00807	0.000215	0.000128	0.0000498	0.0681	0.0000016	0.0000517	0.000448	0.00136	
2034 May	0.000198	0.000723	0.101	0.00000836	1.03	1.81	0.0298	0.000215	3.53	0.00099	0.00846	0.000235	0.000135	0.000053	0.0725	0.00000167	0.0000542	0.000479	0.00142	
2034 Jun	0.000218	0.000721	0.105	0.00000808	1.05	1.9	0.0338	0.0002	3.62	0.000998	0.00825	0.000272	0.000137	0.0000557	0.076	0.00000162	0.0000528	0.000514	0.00139	
2034 Jul	0.000225	0.000749	0.108	0.00000842	1.09	1.96	0.0347	0.000207	3.74	0.00104	0.00858	0.00028	0.000142	0.0000576	0.0785	0.00000168	0.0000548	0.000531	0.00145	
2034 Aug	0.000259	0.000867	0.125	0.00000975	1.26	2.27	0.0401	0.00024	4.33	0.0012	0.00994	0.000323	0.000165	0.0000666	0.0908	0.00000195	0.0000634	0.000613	0.00168	
2034 Sep	0.000249	0.000844	0.121	0.00000948	1.22	2.2	0.0383	0.00024	4.2	0.00116	0.00968	0.000307	0.000157	0.0000641	0.0878	0.0000019	0.0000621	0.000586	0.00162	
2034 Oct	0.000228	0.000787	0.111	0.0000088	1.13	2.03	0.0347	0.000233	3.9	0.00107	0.00903	0.000276	0.000141	0.0000588	0.081	0.00000176	0.0000583	0.000532	0.00149	
2034 Nov	0.000229	0.000792	0.112	0.00000885	1.14	2.04	0.0348	0.000235	3.93	0.00108	0.00909	0.000277	0.000142	0.0000591	0.0815	0.00000177	0.0000587	0.000534	0.00149	
2034 Dec	0.000229	0.000793	0.112	0.00000886	1.14	2.04	0.0349	0.000235	3.93	0.00108	0.00909	0.000278	0.000142	0.0000591	0.0816	0.00000177	0.0000588	0.000535	0.00149	
2035 Jan	0.000229	0.000793	0.112	0.00000886	1.14	2.04	0.0349	0.000235	3.93	0.00108	0.00909	0.000278	0.000142	0.0000591	0.0816	0.00000177	0.0000588	0.000535	0.00149	
2035 Feb	0.000229	0.000793	0.112	0.00000886	1.14	2.04	0.0349	0.000235	3.93	0.00108	0.0091	0.000278	0.000142	0.0000591	0.0816	0.00000177	0.0000588	0.000535	0.00149	
2035 Mar	0.000229	0.000794	0.112	0.00000887	1.14	2.04	0.0349	0.000235	3.93	0.00108	0.0091	0.000278	0.000142	0.0000592	0.0816	0.00000177	0.0000588	0.000535	0.0015	
2035 Apr	0.000231	0.0008	0.113	0.00000895	1.15	2.06	0.0352	0.000238	3.97	0.00109	0.00918	0.00028	0.000143	0.0000597	0.0823	0.00000179	0.0000593	0.00054	0.00151	
2035 May	0.000242	0.000836	0.118	0.00000934	1.2	2.15	0.0369	0.000248	4.15	0.00114	0.00958	0.000294	0.00015	0.0000624	0.0861	0.00000187	0.0000619	0.000565	0.00157	
2035 Jun	0.000231	0.00077	0.111	0.00000858	1.12	2.02	0.0355	0.000218	3.85	0.00106	0.0088	0.000286	0.000143	0.0000588	0.0807	0.00000172	0.0000566	0.000541	0.00147	
2035 Jul	0.000234	0.000785	0.113	0.0000088	1.14	2.05	0.0361	0.000222	3.92	0.00108	0.00901	0.000289	0.000147	0.0000599	0.082	0.00000176	0.0000578	0.000552	0.00151	
2035 Aug	0.000246	0.000829	0.119	0.00000929	1.2	2.16	0.0379	0.000235	4.13	0.00114	0.0095	0.000304	0.000155	0.0000631	0.0865	0.00000186	0.000061	0.000579	0.00159	
2035 Sep	0.000228	0.000777	0.111	0.00000871	1.13	2.02	0.0349	0.000225	3.87	0.00106	0.00891	0.000279	0.000142	0.0000588	0.0806	0.00000174	0.0000573	0.000534	0.00148	
2035 Oct	0.000221	0.000761	0.108	0.00000852	1.1	1.97	0.0338	0.000224	3.78	0.00104	0.00872	0.00027	0.000138	0.0000572	0.0787	0.0000017	0.0000563	0.000518	0.00144	
2035 Nov	0.000215	0.000742	0.105	0.00000831	1.07	1.91	0.0328	0.00022	3.69	0.00101	0.00851	0.000261	0.000134	0.0000556	0.0766	0.00000166	0.000055	0.000503	0.0014	
2035 Dec	0.000215	0.000743	0.105	0.00000832	1.07	1.92	0.0328	0.00022	3.69	0.00101	0.00852	0.000261	0.000134	0.0000557	0.0766	0.00000166	0.000055	0.000503	0.0014	
2036 Jan	0.000215	0.000743	0.105	0.00000832	1.07	1.92	0.0328	0.00022	3.69	0.00101	0.00852	0.000261	0.000134	0.0000557	0.0766	0.00000166	0.000055	0.000503	0.0014	
2036 Feb	0.000215	0.000743	0.105	0.00000832	1.07	1.92	0.0328	0.00022	3.69	0.00101	0.00852	0.000261	0.000134	0.0000557	0.0766	0.00000166	0.000055	0.000503	0.0014	
2036 Mar	0.000215	0.000743	0.105	0.00000832	1.07	1.92	0.0328	0.00022	3.69	0.00101	0.00852	0.000261	0.000134	0.0000557	0.0766	0.00000166	0.000055	0.000503	0.0014	
2036 Apr	0.000217	0.000748	0.106	0.00000838	1.08	1.93	0.0331	0.000222	3.72	0.00102	0.00858	0.000263	0.000135	0.0000561	0.0772	0.00000168	0.0000554	0.000507	0.00142	
2036 May	0.000224	0.000772	0.109	0.00000864	1.11	1.99	0.0342	0.000229	3.84	0.00105	0.00886	0.000272	0.000139	0.0000579	0.0797	0.00000173	0.0000572	0.000524	0.00146	
2036 Jun	0.000215	0.000744	0.106	0.00000838	1.07	1.92	0.0329	0.000218	3.69	0.00102	0.00856	0.000261	0.000136	0.0000558	0.0767	0.00000168	0.0000552	0.000508	0.00142	
2036 Jul	0.000216	0.000752	0.107	0.0000085	1.09	1.93	0.033	0.00022	3.72	0.00103	0.00868	0.000262	0.000139	0.0000563	0.0773	0.0000017	0.0000558	0.000512	0.00145	
2036 Aug	0.000233	0.00081	0.115	0.00000916	1.17	2.08	0.0355	0.000237	4.01	0.00111	0.00935	0.000282	0.000149	0.0000606	0.0832	0.00000183	0.0000601	0.000551	0.00156	
2036 Sep	0.000232	0.00081	0.115	0.00000916	1.17	2.08	0.0354	0.000238	4.01	0.00111	0.00935	0.000281	0.000149	0.0000606	0.0831	0.00000183	0.0000601	0.000549	0.00156	
2036 Oct	0.000225	0.000787	0.111	0.0000089	1.13	2.01	0.0342	0.000234	3.89	0.00107	0.00909	0.000271	0.000143	0.0000586	0.0806	0.00000178	0.0000586	0.000531	0.00151	
2036 Nov	0.000223	0.000783	0.11	0.00000884	1.13	2	0.0339	0.000233	3.87	0.00107	0.00903	0.000268	0.000142	0.0000582	0.0801	0.00000177	0.0000582	0.000527	0.0015	
2036 Dec	0.000222	0.00078	0.11	0.00000882	1.12	1.99	0.0338	0.000232	3.86	0.00106	0.00901	0.000267	0.000142	0.000058	0.0798	0.00000176	0.0000581	0.000525	0.00149	
2037 Jan	0.000222	0.000781	0.11	0.00000882	1.12	1.99	0.0338	0.000232	3.86	0.00106	0.00901	0.000267	0.000142	0.000058	0.0798	0.00000176	0.0000581	0.000525	0.00149	
2037 Feb	0.000222	0.000781	0.11	0.00000882	1.12	1.99	0.0338	0.000232	3.86	0.00106	0.00901	0.000267	0.000142	0.000058	0.0798	0.00000176	0.0000581	0.000525	0.00149	
2037 Mar	0.000223	0.000782	0.11	0.00000884	1.12	2	0.0338	0.000232	3.86	0.00107	0.00902	0.000268	0.000142	0.0000581	0.08	0.00000177	0.0000582	0.000526	0.0015	
2037 Apr	0.000224	0.000785	0.111	0.00000887	1.13	2	0.034	0.000233	3.88	0.00107	0.00906	0.000269	0.000143	0.0000584	0.0803	0.00000177	0.0000584	0.000528	0.0015	
2037 May	0.000229	0.000795	0.112	0.00000895	1.15	2.04	0.0349	0.000235	3.94	0.00109	0.00915	0.000277	0.000144	0.0000595	0.0818	0.00000179	0.000059	0.000539	0.00152	
2037 Jun	0.000218	0.000743	0.106	0.00000831	1.08	1.93	0.0334	0.000217	3.7	0.00102	0.00851	0.000267	0.000135	0.0000561	0.0772	0.00000166	0.0000549	0.000511	0.00141	
2037 Jul	0.00023	0.000784	0.112	0.00000877	1.13	2.03	0.0352	0.000228	3.9	0.00107	0.00898	0.000281	0.000143	0.0000592	0.0814	0.00000175	0.0000579	0.000538	0.00149	
2037 Aug	0.000243	0.000828	0.118	0.00000926	1.2	2.15	0.0372	0.000241	4.12	0.00113	0.00948	0.000296	0.000151	0.0000625	0.0859	0.00000185	0.0000611	0.000568	0.00157	
2037 Sep	0.000249	0.00085	0.121	0.00000951	1.23	2.21	0.0381	0.000249	4.23	0.00116	0.00974	0.000304	0.000155	0.0000641	0.0882	0.0000019	0.0000628	0.000583	0.00161	
2037 Oct	0.000243	0.000833	0.118	0.00000931	1.2	2.16	0.0372	0.000245	4.15	0.00114	0.00954	0.000296	0.000151	0.0000627	0.0863	0.00000186	0.0000616	0.000569	0.00158	
2037 Nov	0.000244	0.000834	0.119	0.00000933	1.21	2.16	0.0372	0.000245	4.15	0.00114	0.00956	0.000297	0.000151	0.0000628	0.0864	0.00000187	0.0000617	0.000569	0.00158	
2037 Dec	0.000244	0.000835	0.119	0.00000933	1.21	2.16	0.0373	0.000245	4.15	0.00114	0.00957	0.000297	0.000151	0.0000628	0.0865	0.00000187	0.0000617	0.00057	0.00158	
2038 Jan	0.000244	0.000835	0.119	0.00000934	1.21	2.16	0.0373	0.000245	4.15	0.00114	0.00957	0.000297	0.000151	0.0000628	0.0865	0.00000187	0.0000617	0.00057	0.00158	
2038 Feb	0.000244	0.000835	0.119	0.00000934	1.21	2.16	0.0373	0.000245	4.15	0.00114	0.00957	0.000297	0.000151	0.0000628	0.0865	0.00000187	0.0000617	0.00057	0.00158	
2038 Mar	0.000244	0.000835	0.119	0.00000934	1.21	2.16	0.0373	0.000246	4.16	0.00114	0.00957	0.000297	0.000151	0.0000628	0.0865	0.00000187	0.0000618	0.00057	0.00158	
2038 Apr	0.000245	0.000838	0.119	0.00000937	1.21	2.17	0.0374	0.000246	4.17	0.00114	0.00961	0.000298	0.000152	0.0000631	0.0868	0.00000187	0.000062	0.000572	0.00159	
2038 May	0.000251	0.000855	0.122	0.00000955	1.24	2.22	0.0384	0.000251	4.26	0.00117	0.00979	0.000306	0.000155	0.0000645	0.0888	0.00000191	0.0000632	0.000585	0.00162	
2038 Jun	0.000246	0.000822	0.118	0.00000912	1.19	2.16	0.0378	0.000238	4.12	0.00112	0.00937	0.000302	0.000149	0.0000626	0.0861	0.00000182	0.0000605	0.00057	0.00155	
2038 Jul	0.000252	0.000886	0.119	0.0000092	1.29	2.27	0.0381	0.00025	4.88	0.00119	0.00969	0.000305	0.000155	0.0000674	0.0893	0.00000198	0.0000686	0.000576	0.00161	0.0000115
2038 Aug	0.000201	0.000905	0.0833	0.00000654	1.3	2.06	0.0274	0.000224	6.92	0.00112	0.00806	0.000216	0.000132	0.0000685	0.0754	0.00000208	0.0000848	0.000413	0.00138	0.0000623
2038 Sep	0.000194	0.000906	0.0784	0.00000618	1.3	2.03	0.0259	0.00022	7.17	0.00111	0.00783	0.000204	0.000129	0.0000685	0.0734	0.00000209	0.0000867	0.000391	0.00135	0.0000686
2038 Oct	0.000193	0.000902	0.0779	0.00000614	1.29	2.02	0.0258	0.000219	7.14	0.0011	0.00779	0.000202	0.000128	0.0000682	0.073	0.00000208	0.0000864	0.000388	0.00134	0.0000686
2038 Nov	0.000193	0.000903	0.078	0.00000615	1.3	2.02	0.0258	0.000219	7.16	0.0011	0.0078	0.000203	0.000129	0.0000683	0.0731	0.00000208	0.0000865	0.000388	0.00134	0.0000688
2038 Dec	0.000193	0.000904	0.078	0.00000615	1.3	2.03	0.0258	0.000219	7.16	0.0011	0.0078	0.000203	0.000129	0.0000683	0.0731	0.00000208	0.0000866	0.000389	0.00134	0.0000688
2039 Jan	0.000193	0.000904	0.078	0.00000615	1.3	2.03	0.0258	0.000219	7.16	0.0011	0.0078	0.000203	0.000129	0.0000683	0.0731	0.00000208	0.0000866	0.000389	0.00134	0.0000688
2039 Feb	0.000193	0.000904	0.078	0.00000615	1.3	2.03	0.0258	0.000219	7.16	0.0011	0.0078	0.000203	0.000129	0.0000683	0.0731	0.00000208	0.0000866	0.000389	0.00134	0.0000688
2039 Mar	0.000193	0.000904	0.0781	0.00000615	1.3	2.03	0.0258	0.000219	7.17	0.0011	0.00781	0.000203	0.000129	0.0000684	0.0732	0.00000208	0.0000866	0.000389	0.00135	0.0000688
2039 Apr	0.000194	0.000907	0.0783	0.00000617	1.3	2.03	0.0259	0.00022	7.18	0.00111	0.00783	0.000204	0.000129	0.0000686	0.0734	0.00000209	0.0000868	0.00039	0.00135	0.000069
2039 May	0.000196	0.000919	0.0793	0.00000625	1.32	2.06	0.0263	0.000223	7.28	0.00112	0.00793	0.000206	0.000131	0.0000695	0.0744	0.00000212	0.000088	0.000395	0.00137	0.00007

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Jun	0.000188	0.000886	0.0758	0.00000598	1.27	1.98	0.0251	0.000214	7.06	0.00108	0.00762	0.000197	0.000126	0.0000671	0.0714	0.00000204	0.0000852	0.000378	0.00132	0.0000684
2039 Jul	0.000181	0.000856	0.0726	0.00000573	1.23	1.91	0.0241	0.000206	6.85	0.00104	0.00733	0.000189	0.000121	0.0000648	0.0687	0.00000198	0.0000825	0.000363	0.00127	0.0000669
2039 Aug	0.000185	0.000874	0.074	0.00000585	1.25	1.95	0.0245	0.00021	6.99	0.00106	0.00748	0.000193	0.000124	0.0000661	0.0701	0.00000202	0.0000842	0.00037	0.00129	0.0000683
2039 Sep	0.000188	0.000891	0.0755	0.00000597	1.28	1.99	0.025	0.000214	7.13	0.00109	0.00763	0.000196	0.000127	0.0000674	0.0715	0.00000206	0.0000859	0.000377	0.00132	0.0000697
2039 Oct	0.000188	0.000889	0.0754	0.00000595	1.28	1.98	0.025	0.000214	7.12	0.00108	0.00761	0.000196	0.000126	0.0000673	0.0713	0.00000205	0.0000857	0.000377	0.00132	0.0000696
2039 Nov	0.000188	0.000892	0.0756	0.00000597	1.28	1.99	0.025	0.000214	7.14	0.00109	0.00763	0.000197	0.000127	0.0000675	0.0715	0.00000206	0.0000859	0.000378	0.00132	0.0000698
2039 Dec	0.000188	0.000892	0.0756	0.00000597	1.28	1.99	0.025	0.000214	7.14	0.00109	0.00764	0.000197	0.000127	0.0000675	0.0716	0.00000206	0.000086	0.000378	0.00132	0.0000698
2040 Jan	0.000188	0.000892	0.0756	0.00000597	1.28	1.99	0.025	0.000214	7.14	0.00109	0.00764	0.000197	0.000127	0.0000675	0.0716	0.00000206	0.000086	0.000378	0.00132	0.0000698
2040 Feb	0.000188	0.000892	0.0756	0.00000597	1.28	1.99	0.025	0.000214	7.14	0.00109	0.00764	0.000197	0.000127	0.0000675	0.0716	0.00000206	0.000086	0.000378	0.00132	0.0000698
2040 Mar	0.000189	0.000893	0.0757	0.00000598	1.28	1.99	0.0251	0.000214	7.15	0.00109	0.00764	0.000197	0.000127	0.0000675	0.0716	0.00000206	0.000086	0.000378	0.00132	0.0000699
2040 Apr	0.000189	0.000895	0.0759	0.00000599	1.28	2	0.0251	0.000215	7.17	0.00109	0.00766	0.000197	0.000127	0.0000677	0.0718	0.00000207	0.0000863	0.000379	0.00133	0.00007
2040 May	0.000192	0.000907	0.0769	0.00000608	1.3	2.02	0.0255	0.000218	7.26	0.00111	0.00777	0.0002	0.000129	0.0000686	0.0728	0.0000021	0.0000874	0.000384	0.00134	0.0000709
2040 Jun	0.000185	0.000872	0.0743	0.00000586	1.25	1.95	0.0246	0.000209	6.96	0.00106	0.00747	0.000194	0.000124	0.000066	0.0701	0.00000201	0.0000838	0.000371	0.00129	0.0000678
2040 Jul	0.00019	0.000896	0.0761	0.000006	1.29	2	0.0253	0.000214	7.16	0.00109	0.00767	0.000199	0.000127	0.0000678	0.0719	0.00000207	0.0000862	0.000381	0.00133	0.0000699
2040 Aug	0.000196	0.000924	0.0785	0.00000619	1.33	2.06	0.0261	0.000221	7.39	0.00113	0.00791	0.000205	0.000132	0.00007	0.0742	0.00000213	0.0000889	0.000393	0.00137	0.0000721
2040 Sep	0.000198	0.000933	0.0793	0.00000625	1.34	2.08	0.0263	0.000223	7.46	0.00114	0.00799	0.000207	0.000133	0.0000707	0.0749	0.00000215	0.0000898	0.000397	0.00138	0.0000728
2040 Oct	0.000199	0.000938	0.0797	0.00000629	1.35	2.09	0.0265	0.000224	7.5	0.00114	0.00803	0.000208	0.000133	0.000071	0.0753	0.00000217	0.0000902	0.000399	0.00139	0.0000732
2040 Nov	0.000199	0.000941	0.08	0.0000063	1.35	2.1	0.0265	0.000225	7.52	0.00115	0.00806	0.000209	0.000134	0.0000713	0.0756	0.00000217	0.0000905	0.0004	0.0014	0.0000734
2040 Dec	0.000199	0.000941	0.08	0.00000631	1.35	2.1	0.0266	0.000225	7.52	0.00115	0.00806	0.000209	0.000134	0.0000713	0.0756	0.00000217	0.0000905	0.0004	0.0014	0.0000734
2041 Jan	0.000199	0.000941	0.08	0.00000631	1.35	2.1	0.0266	0.000225	7.52	0.00115	0.00806	0.000209	0.000134	0.0000713	0.0756	0.00000217	0.0000906	0.0004	0.0014	0.0000734
2041 Feb	0.000199	0.000941	0.08	0.00000631	1.35	2.1	0.0266	0.000225	7.53	0.00115	0.00806	0.000209	0.000134	0.0000713	0.0756	0.00000217	0.0000906	0.0004	0.0014	0.0000735
2041 Mar	0.0002	0.000942	0.08	0.00000631	1.35	2.1	0.0266	0.000225	7.53	0.00115	0.00806	0.000209	0.000134	0.0000713	0.0756	0.00000217	0.0000906	0.0004	0.0014	0.0000735
2041 Apr	0.0002	0.000944	0.0802	0.00000632	1.35	2.11	0.0266	0.000226	7.55	0.00115	0.00808	0.000209	0.000134	0.0000715	0.0758	0.00000218	0.0000908	0.000401	0.0014	0.0000737
2041 May	0.000202	0.000953	0.081	0.00000638	1.37	2.13	0.0269	0.000228	7.62	0.00116	0.00816	0.000211	0.000136	0.0000722	0.0765	0.0000022	0.0000917	0.000405	0.00141	0.0000744
2041 Jun	0.000196	0.000923	0.0789	0.00000623	1.33	2.06	0.0261	0.00022	7.36	0.00113	0.00793	0.000206	0.000132	0.00007	0.0743	0.00000213	0.0000887	0.000395	0.00138	0.0000715
2041 Jul	0.000186	0.00088	0.0748	0.00000593	1.26	1.96	0.0248	0.000209	7.03	0.00108	0.00755	0.000195	0.000127	0.0000667	0.0706	0.00000204	0.0000847	0.000375	0.00131	0.0000688
2041 Aug	0.000194	0.00092	0.0782	0.0000062	1.32	2.05	0.0259	0.000218	7.35	0.00112	0.00789	0.000203	0.000132	0.0000697	0.0738	0.00000213	0.0000886	0.000392	0.00137	0.0000719
2041 Sep	0.000197	0.000933	0.0793	0.00000628	1.34	2.08	0.0262	0.000221	7.45	0.00114	0.008	0.000206	0.000134	0.0000707	0.0748	0.00000216	0.0000898	0.000397	0.00139	0.0000729
2041 Oct	0.000197	0.000932	0.0792	0.00000628	1.34	2.08	0.0262	0.000221	7.44	0.00114	0.00799	0.000206	0.000134	0.0000706	0.0747	0.00000216	0.0000897	0.000397	0.00139	0.0000728
2041 Nov	0.000198	0.000935	0.0795	0.0000063	1.34	2.08	0.0263	0.000222	7.47	0.00114	0.00802	0.000207	0.000134	0.0000709	0.075	0.00000217	0.00009	0.000398	0.0014	0.0000731
2041 Dec	0.000198	0.000935	0.0795	0.0000063	1.34	2.09	0.0263	0.000222	7.48	0.00114	0.00803	0.000207	0.000135	0.0000709	0.075	0.00000217	0.0000901	0.000399	0.0014	0.0000731
2042 Jan	0.000198	0.000936	0.0795	0.0000063	1.34	2.09	0.0263	0.000222	7.48	0.00114	0.00803	0.000207	0.000135	0.0000709	0.075	0.00000217	0.0000901	0.000399	0.0014	0.0000731
2042 Feb	0.000198	0.000936	0.0795	0.0000063	1.34	2.09	0.0263	0.000222	7.48	0.00114	0.00803	0.000207	0.000135	0.0000709	0.075	0.00000217	0.0000901	0.000399	0.0014	0.0000731
2042 Mar	0.000198	0.000936	0.0796	0.00000631	1.34	2.09	0.0263	0.000222	7.48	0.00114	0.00803	0.000207	0.000135	0.0000709	0.0751	0.00000217	0.0000901	0.000399	0.0014	0.0000732
2042 Apr	0.000199	0.000941	0.08	0.00000634	1.35	2.1	0.0265	0.000223	7.52	0.00115	0.00807	0.000208	0.000135	0.0000713	0.0755	0.00000218	0.0000906	0.000401	0.00141	0.0000736
2042 May	0.000203	0.000959	0.0815	0.00000646	1.38	2.14	0.027	0.000228	7.66	0.00117	0.00823	0.000212	0.000138	0.0000727	0.0769	0.00000222	0.0000923	0.000409	0.00143	0.000075
2042 Jun	0.000198	0.000937	0.08	0.00000636	1.35	2.09	0.0264	0.000222	7.46	0.00115	0.00807	0.000208	0.000136	0.000071	0.0752	0.00000217	0.0000901	0.000401	0.00141	0.0000727
2042 Jul	0.000196	0.000927	0.0793	0.00000632	1.33	2.07	0.0261	0.00022	7.38	0.00114	0.008	0.000205	0.000135	0.0000702	0.0744	0.00000215	0.0000891	0.000398	0.0014	0.0000718
2042 Aug	0.000192	0.000913	0.0779	0.00000622	1.31	2.03	0.0256	0.000216	7.26	0.00112	0.00787	0.000201	0.000133	0.0000691	0.0731	0.00000212	0.0000878	0.000391	0.00138	0.0000709
2042 Sep	0.00019	0.000906	0.0772	0.00000618	1.3	2.01	0.0254	0.000214	7.22	0.00111	0.00782	0.000199	0.000132	0.0000686	0.0725	0.00000211	0.0000872	0.000387	0.00137	0.0000706
2042 Oct	0.000188	0.000897	0.0763	0.00000611	1.29	1.99	0.025	0.000212	7.15	0.0011	0.00774	0.000197	0.000131	0.000068	0.0717	0.00000209	0.0000865	0.000383	0.00136	0.0000701
2042 Nov	0.000189	0.0009	0.0766	0.00000613	1.29	2	0.0251	0.000213	7.18	0.0011	0.00776	0.000197	0.000131	0.0000682	0.072	0.0000021	0.0000868	0.000384	0.00136	0.0000703
2042 Dec	0.000189	0.000901	0.0766	0.00000613	1.29	2	0.0251	0.000213	7.18	0.0011	0.00776	0.000197	0.000131	0.0000682	0.072	0.0000021	0.0000868	0.000384	0.00136	0.0000703
2043 Jan	0.000189	0.000901	0.0766	0.00000614	1.29	2	0.0251	0.000213	7.18	0.0011	0.00776	0.000197	0.000131	0.0000682	0.072	0.0000021	0.0000868	0.000384	0.00136	0.0000703
2043 Feb	0.000189	0.000901	0.0766	0.00000614	1.29	2	0.0251	0.000213	7.18	0.0011	0.00776	0.000197	0.000131	0.0000682	0.072	0.0000021	0.0000868	0.000384	0.00136	0.0000703
2043 Mar	0.000189	0.000901	0.0766	0.00000614	1.29	2	0.0251	0.000213	7.18	0.0011	0.00777	0.000197	0.000131	0.0000682	0.072	0.0000021	0.0000868	0.000384	0.00136	0.0000704
2043 Apr	0.00019	0.000905	0.077	0.00000616	1.3	2.01	0.0252	0.000214	7.21	0.00111	0.0078	0.000198	0.000132	0.0000685	0.0724	0.00000211	0.0000872	0.000386	0.00137	0.0000707
2043 May	0.000193	0.000922	0.0784	0.00000628	1.32	2.05	0.0257	0.000218	7.35	0.00113	0.00795	0.000202	0.000134	0.0000698	0.0737	0.00000215	0.0000888	0.000393	0.00139	0.000072
2043 Jun	0.000187	0.000894	0.0758	0.00000609	1.28	1.98	0.0248	0.000211	7.14	0.0011	0.0077	0.000195	0.00013	0.0000677	0.0714	0.00000208	0.0000863	0.00038	0.00135	0.0000702
2043 Jul	0.000195	0.000936	0.0793	0.00000637	1.34	2.08	0.026	0.000221	7.48	0.00115	0.00806	0.000204	0.000137	0.0000709	0.0747	0.00000218	0.0000904	0.000397	0.00141	0.0000737
2043 Aug	0.000205	0.000979	0.0829	0.00000666	1.41	2.17	0.0272	0.000231	7.82	0.0012	0.00843	0.000213	0.000143	0.0000742	0.0781	0.00000228	0.0000946	0.000416	0.00148	0.0000771
2043 Sep	0.000206	0.000986	0.0835	0.00000671	1.42	2.19	0.0274	0.000233	7.88	0.00121	0.00849	0.000215	0.000144	0.0000747	0.0787	0.0000023	0.0000953	0.000419	0.00149	0.0000776
2043 Oct	0.000205	0.000981	0.0831	0.00000668	1.41	2.18	0.0272	0.000232	7.84	0.0012	0.00845	0.000213	0.000143	0.0000744	0.0783	0.00000229	0.0000948	0.000417	0.00148	0.0000772
2043 Nov	0.000204	0.000977	0.0827	0.00000665	1.4	2.17	0.0271	0.000231	7.8	0.0012	0.00841	0.000212	0.000142	0.000074	0.0779	0.00000228	0.0000944	0.000415	0.00148	0.0000769
2043 Dec	0.000204	0.000977	0.0828	0.00000665	1.4	2.17	0.0271	0.000231	7.81	0.0012	0.00842	0.000213	0.000142	0.000074	0.078	0.00000228	0.0000944	0.000415	0.00148	0.0000769
2044 Jan	0.000204	0.000977	0.0828	0.00000665	1.4	2.17	0.0271	0.000231	7.81	0.0012	0.00842	0.000213	0.000142	0.000074	0.078	0.00000228	0.0000944	0.000415	0.00148	0.0000769
2044 Feb	0.000204	0.000978	0.0828	0.00000666	1.4	2.17	0.0271	0.000231	7.81	0.0012	0.00842	0.000213	0.000143	0.0000741	0.078	0.00000228	0.0000944	0.000415	0.00148	0.0000769
2044 Mar	0.000204	0.000979	0.0829	0.00000666	1.41	2.17	0.0271	0.000231	7.82	0.0012	0.00843	0.000213	0.000143	0.0000741	0.0781	0.00000228	0.0000945	0.000415	0.00148	0.000077
2044 Apr	0.000205	0.000981	0.0831	0.00000668	1.41	2.18	0.0272	0.000232	7.83	0.0012	0.00845	0.000213	0.000143	0.0000743	0.0782	0.00000229	0.0000947	0.000416	0.00148	0.0000772
2044 May	0.000208	0.000997	0.0844	0.00000678	1.43	2.21	0.0276	0.000235	7.96	0.00122	0.00858	0.000217	0.000145	0.0000755	0.0795	0.00000232	0.0000963	0.000423	0.00151	0.0000784
2044 Jun	0.000196	0.000938	0.0799	0.00000645	1.35	2.08	0.0261	0.000222	7.46	0.00115	0.00812	0.000204	0.000138	0.0000711	0.075	0.00000219	0.0000905	0.0004	0.00143	0.0000732
2044 Jul	0.0002	0.00096	0.0815	0.00000659	1.38	2.13	0.0265	0.000226	7.65	0.00118	0.00829	0.000208	0.000141	0.0000727	0.0765	0.00000224	0.0000927	0.000408	0.00146	0.0000753
2044 Aug	0.000212	0.00102	0.0865	0.00000699	1.46	2.26	0.0282	0.00024	8.12	0.00125	0.0088	0.000221	0.00015	0.0000772	0.0812	0.00000238	0.0000984	0.000433	0.00155	0.0000799
2044 Sep	0.000209	0.001	0.0853	0.00000689	1.44	2.22	0.0278	0.000237	8	0.00123	0.00868	0.000218	0.000147	0.0000761	0.0801	0.00000235	0.000097	0.000427	0.00153	0.0000788
2044 Oct	0.000208	0.000997	0.0847	0.00000685	1.43	2.21	0.0276	0.000236	7.94	0.00123	0.00862	0.000216	0.000146	0.0000756	0.0795	0.00000233	0.0000964	0.000424	0.00152	0.0000782
2044 Nov	0.000208	0.000999	0.0848	0.00000685	1.43	2.21	0.0276	0.000236	7.95	0.00123	0.00863	0.000216	0.000147	0.0000756	0.0796	0.00000233	0.0000965	0.000425	0.00152	0.0000783
2044 Dec	0.000208	0.000999	0.0848	0.00000686	1.43	2.21	0.0276	0.000236	7.96	0.00123	0.00863	0.000216	0.000147	0.0000757	0.0797	0.00000233	0.0000965	0.000425	0.00152	0.0000783

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Jan	0.000208	0.000999	0.0848	0.00000686	1.43	2.21	0.0276	0.000236	7.96	0.00123	0.00863	0.000216	0.000147	0.0000757	0.0797	0.00000233	0.0000965	0.000425	0.00152	0.0000783
2045 Feb	0.000208	0.000999	0.0848	0.00000686	1.43	2.21	0.0276	0.000236	7.96	0.00123	0.00863	0.000216	0.000147	0.0000757	0.0797	0.00000233	0.0000965	0.000425	0.00152	0.0000783
2045 Mar	0.000208	0.000999	0.0849	0.00000686	1.44	2.21	0.0276	0.000236	7.96	0.00123	0.00864	0.000217	0.000147	0.0000757	0.0797	0.00000234	0.0000966	0.000425	0.00152	0.0000784
2045 Apr	0.000209	0.001	0.0851	0.00000688	1.44	2.22	0.0277	0.000237	7.98	0.00123	0.00866	0.000217	0.000147	0.0000759	0.0799	0.00000234	0.0000968	0.000426	0.00152	0.0000786
2045 May	0.000212	0.00102	0.0863	0.00000698	1.46	2.25	0.0281	0.00024	8.09	0.00125	0.00878	0.00022	0.000149	0.000077	0.0811	0.00000238	0.0000982	0.000432	0.00155	0.0000797
2045 Jun	0.000206	0.000988	0.0843	0.00000684	1.42	2.19	0.0273	0.000234	7.85	0.00122	0.00858	0.000214	0.000146	0.0000748	0.0789	0.00000231	0.0000954	0.000422	0.00151	0.000077
2045 Jul	0.000208	0.001	0.0855	0.00000696	1.44	2.22	0.0277	0.000237	7.96	0.00124	0.00872	0.000216	0.000148	0.0000759	0.08	0.00000235	0.0000969	0.000428	0.00154	0.0000781
2045 Aug	0.000216	0.00104	0.0887	0.00000722	1.49	2.3	0.0287	0.000246	8.26	0.00128	0.00904	0.000224	0.000154	0.0000788	0.083	0.00000244	0.000101	0.000444	0.00159	0.0000811
2045 Sep	0.000218	0.00105	0.0893	0.00000727	1.5	2.32	0.0289	0.000248	8.31	0.00129	0.0091	0.000226	0.000155	0.0000793	0.0835	0.00000246	0.000101	0.000447	0.00161	0.0000816
2045 Oct	0.000219	0.00105	0.0899	0.00000732	1.51	2.33	0.0291	0.00025	8.37	0.0013	0.00916	0.000227	0.000156	0.0000798	0.0841	0.00000247	0.000102	0.00045	0.00162	0.0000821
2045 Nov	0.00022	0.00106	0.0901	0.00000734	1.52	2.34	0.0291	0.00025	8.39	0.0013	0.00919	0.000228	0.000156	0.00008	0.0843	0.00000248	0.000102	0.000451	0.00162	0.0000823
2045 Dec	0.00022	0.00106	0.0902	0.00000734	1.52	2.34	0.0292	0.00025	8.39	0.0013	0.00919	0.000228	0.000157	0.0000801	0.0843	0.00000248	0.000102	0.000451	0.00162	0.0000824
2046 Jan	0.00022	0.00106	0.0902	0.00000734	1.52	2.34	0.0292	0.00025	8.39	0.0013	0.00919	0.000228	0.000157	0.0000801	0.0844	0.00000248	0.000102	0.000451	0.00162	0.0000824
2046 Feb	0.00022	0.00106	0.0902	0.00000735	1.52	2.34	0.0292	0.00025	8.39	0.0013	0.00919	0.000228	0.000157	0.0000801	0.0844	0.00000248	0.000102	0.000451	0.00162	0.0000824
2046 Mar	0.00022	0.00106	0.0903	0.00000735	1.52	2.34	0.0292	0.000251	8.4	0.0013	0.0092	0.000228	0.000157	0.0000802	0.0845	0.00000248	0.000102	0.000452	0.00162	0.0000825
2046 Apr	0.000221	0.00106	0.0907	0.00000739	1.53	2.35	0.0293	0.000252	8.44	0.00131	0.00925	0.000229	0.000157	0.0000805	0.0849	0.00000249	0.000103	0.000454	0.00163	0.0000829
2046 May	0.000224	0.00108	0.0921	0.0000075	1.55	2.39	0.0298	0.000256	8.57	0.00133	0.00939	0.000233	0.00016	0.0000818	0.0862	0.00000253	0.000104	0.000461	0.00166	0.0000842
2046 Jun	0.000213	0.00103	0.0878	0.0000072	1.48	2.27	0.0282	0.000243	8.14	0.00127	0.00897	0.000221	0.000153	0.0000778	0.0819	0.00000242	0.0000994	0.00044	0.00159	0.0000799
2046 Jul	0.000203	0.000989	0.084	0.00000693	1.42	2.18	0.0269	0.000234	7.84	0.00122	0.00863	0.00021	0.000148	0.0000748	0.0785	0.00000233	0.0000959	0.000421	0.00153	0.0000774
2046 Aug	0.000211	0.00103	0.0872	0.0000072	1.47	2.26	0.0279	0.000243	8.13	0.00127	0.00896	0.000217	0.000154	0.0000776	0.0815	0.00000242	0.0000995	0.000437	0.00159	0.0000803
2046 Sep	0.000208	0.00101	0.0862	0.00000711	1.46	2.23	0.0276	0.00024	8.03	0.00125	0.00885	0.000215	0.000152	0.0000767	0.0805	0.00000239	0.0000983	0.000432	0.00157	0.0000793
2046 Oct	0.000206	0.001	0.0853	0.00000705	1.44	2.2	0.0272	0.000237	7.91	0.00124	0.00876	0.000212	0.00015	0.0000756	0.0795	0.00000236	0.0000969	0.000427	0.00155	0.0000779
2046 Nov	0.000206	0.001	0.0853	0.00000705	1.44	2.2	0.0272	0.000237	7.91	0.00124	0.00876	0.000212	0.00015	0.0000756	0.0795	0.00000236	0.0000969	0.000427	0.00156	0.0000779
2046 Dec	0.000206	0.001	0.0853	0.00000706	1.44	2.2	0.0272	0.000237	7.92	0.00124	0.00876	0.000212	0.000151	0.0000757	0.0795	0.00000236	0.000097	0.000427	0.00156	0.000078
2047 Jan	0.000206	0.001	0.0853	0.00000706	1.44	2.2	0.0272	0.000237	7.92	0.00124	0.00876	0.000212	0.000151	0.0000757	0.0795	0.00000236	0.000097	0.000427	0.00156	0.000078
2047 Feb	0.000206	0.001	0.0853	0.00000706	1.44	2.2	0.0272	0.000237	7.92	0.00124	0.00877	0.000212	0.000151	0.0000757	0.0795	0.00000236	0.000097	0.000428	0.00156	0.000078
2047 Mar	0.000206	0.001	0.0855	0.00000707	1.44	2.21	0.0273	0.000237	7.93	0.00124	0.00878	0.000213	0.000151	0.0000758	0.0797	0.00000237	0.0000972	0.000428	0.00156	0.0000781
2047 Apr	0.000207	0.00101	0.0857	0.00000709	1.44	2.21	0.0273	0.000238	7.95	0.00124	0.0088	0.000213	0.000151	0.000076	0.0799	0.00000237	0.0000974	0.000429	0.00156	0.0000783
2047 May	0.000208	0.00101	0.0862	0.00000714	1.45	2.23	0.0275	0.00024	8.01	0.00125	0.00886	0.000214	0.000152	0.0000765	0.0804	0.00000239	0.0000981	0.000432	0.00157	0.0000789
2047 Jun	0.000197	0.000967	0.0818	0.0000068	1.39	2.12	0.026	0.000229	7.67	0.0012	0.00845	0.000203	0.000146	0.0000731	0.0765	0.00000229	0.0000941	0.00041	0.0015	0.0000762
2047 Jul	0.000207	0.00102	0.086	0.00000715	1.46	2.23	0.0274	0.00024	8.06	0.00126	0.00888	0.000213	0.000153	0.0000768	0.0804	0.0000024	0.0000988	0.000431	0.00158	0.0000801
2047 Aug	0.000217	0.00106	0.09	0.00000748	1.53	2.33	0.0286	0.000251	8.44	0.00132	0.0093	0.000223	0.00016	0.0000804	0.0842	0.00000251	0.000103	0.000451	0.00165	0.0000838
2047 Sep	0.000216	0.00106	0.0896	0.00000745	1.52	2.32	0.0285	0.00025	8.39	0.00131	0.00925	0.000222	0.000159	0.00008	0.0837	0.0000025	0.000103	0.000449	0.00165	0.0000834
2047 Oct	0.000213	0.00104	0.0884	0.00000735	1.5	2.29	0.0281	0.000247	8.28	0.00129	0.00913	0.000219	0.000157	0.0000789	0.0826	0.00000247	0.000102	0.000443	0.00162	0.0000822
2047 Nov	0.000213	0.00104	0.0883	0.00000734	1.5	2.29	0.0281	0.000247	8.27	0.00129	0.00912	0.000218	0.000157	0.0000788	0.0825	0.00000247	0.000101	0.000443	0.00162	0.0000821
2047 Dec	0.000213	0.00104	0.0883	0.00000735	1.5	2.29	0.0281	0.000247	8.27	0.00129	0.00912	0.000219	0.000157	0.0000788	0.0826	0.00000247	0.000101	0.000443	0.00162	0.0000821
2048 Jan	0.000213	0.00104	0.0884	0.00000735	1.5	2.29	0.0281	0.000247	8.27	0.00129	0.00912	0.000219	0.000157	0.0000788	0.0826	0.00000247	0.000101	0.000443	0.00162	0.0000821
2048 Feb	0.000213	0.00104	0.0884	0.00000735	1.5	2.29	0.0281	0.000247	8.27	0.00129	0.00913	0.000219	0.000157	0.0000789	0.0826	0.00000247	0.000101	0.000443	0.00162	0.0000822
2048 Mar	0.000213	0.00104	0.0884	0.00000735	1.5	2.29	0.0281	0.000247	8.27	0.00129	0.00913	0.000219	0.000157	0.0000789	0.0826	0.00000247	0.000102	0.000443	0.00162	0.0000822
2048 Apr	0.000214	0.00105	0.0887	0.00000738	1.5	2.3	0.0282	0.000248	8.3	0.0013	0.00916	0.000219	0.000158	0.0000792	0.0829	0.00000248	0.000102	0.000445	0.00163	0.0000825
2048 May	0.000217	0.00106	0.0902	0.0000075	1.53	2.34	0.0287	0.000252	8.44	0.00132	0.00931	0.000223	0.00016	0.0000805	0.0843	0.00000252	0.000104	0.000452	0.00166	0.0000838
2048 Jun	0.000206	0.00101	0.0858	0.00000717	1.46	2.22	0.0272	0.00024	8.03	0.00126	0.00888	0.000211	0.000154	0.0000766	0.0802	0.0000024	0.0000987	0.000431	0.00158	0.0000799
2048 Jul	0.0002	0.000989	0.0834	0.000007	1.42	2.16	0.0263	0.000234	7.85	0.00123	0.00867	0.000204	0.00015	0.0000747	0.078	0.00000235	0.0000967	0.000419	0.00155	0.0000786
2048 Aug	0.000204	0.00101	0.0853	0.00000716	1.45	2.21	0.0269	0.000239	8.02	0.00125	0.00887	0.000209	0.000154	0.0000764	0.0798	0.0000024	0.0000989	0.000428	0.00158	0.0000804
2048 Sep	0.000205	0.00101	0.0856	0.00000718	1.46	2.22	0.027	0.00024	8.04	0.00126	0.00889	0.000209	0.000154	0.0000766	0.08	0.00000241	0.0000991	0.00043	0.00159	0.0000805
2048 Oct	0.000203	0.00101	0.0851	0.00000715	1.44	2.2	0.0268	0.000238	7.96	0.00125	0.00883	0.000208	0.000153	0.000076	0.0794	0.00000239	0.0000982	0.000427	0.00158	0.0000796
2048 Nov	0.000204	0.00101	0.0852	0.00000716	1.45	2.2	0.0268	0.000238	7.97	0.00125	0.00884	0.000208	0.000153	0.000076	0.0795	0.00000239	0.0000982	0.000427	0.00158	0.0000795
2048 Dec	0.000204	0.00101	0.0852	0.00000716	1.45	2.2	0.0269	0.000238	7.97	0.00125	0.00884	0.000208	0.000153	0.0000761	0.0795	0.00000239	0.0000983	0.000428	0.00158	0.0000795
2049 Jan	0.000204	0.00101	0.0852	0.00000716	1.45	2.2	0.0269	0.000238	7.97	0.00125	0.00884	0.000208	0.000153	0.0000761	0.0795	0.00000239	0.0000983	0.000428	0.00158	0.0000796
2049 Feb	0.000204	0.00101	0.0852	0.00000716	1.45	2.2	0.0269	0.000238	7.97	0.00125	0.00885	0.000208	0.000153	0.0000761	0.0795	0.00000239	0.0000983	0.000428	0.00158	0.0000796
2049 Mar	0.000204	0.00101	0.0853	0.00000717	1.45	2.21	0.0269	0.000238	7.98	0.00125	0.00885	0.000208	0.000154	0.0000761	0.0796	0.00000239	0.0000984	0.000428	0.00158	0.0000796
2049 Apr	0.000205	0.00101	0.0856	0.00000719	1.45	2.21	0.027	0.000239	8.01	0.00125	0.00888	0.000209	0.000154	0.0000764	0.0799	0.0000024	0.0000987	0.00043	0.00159	0.0000799
2049 May	0.000208	0.00103	0.0869	0.0000073	1.47	2.25	0.0274	0.000243	8.13	0.00127	0.00902	0.000212	0.000156	0.0000776	0.0811	0.00000244	0.0001	0.000436	0.00161	0.0000811
2049 Jun	0.000194	0.000969	0.0815	0.0000069	1.39	2.11	0.0256	0.000229	7.68	0.0012	0.00851	0.000198	0.000148	0.0000731	0.0762	0.00000231	0.000095	0.000409	0.00153	0.0000773
2049 Jul	0.000192	0.000961	0.0804	0.00000683	1.38	2.09	0.0251	0.000227	7.65	0.00119	0.00843	0.000194	0.000147	0.0000726	0.0753	0.00000229	0.0000946	0.000404	0.00152	0.0000776
2049 Aug	0.000203	0.00102	0.0849	0.00000722	1.46	2.21	0.0265	0.00024	8.08	0.00126	0.00891	0.000205	0.000156	0.0000767	0.0796	0.00000242	0.0001	0.000427	0.0016	0.0000819
2049 Sep	0.000202	0.00101	0.0845	0.00000718	1.45	2.2	0.0264	0.000239	8.04	0.00126	0.00887	0.000204	0.000155	0.0000763	0.0792	0.00000241	0.0000995	0.000425	0.00159	0.0000816
2049 Oct	0.000199	0.000999	0.0836	0.0000071	1.44	2.17	0.0261	0.000236	7.94	0.00124	0.00877	0.000202	0.000153	0.0000754	0.0783	0.00000238	0.0000983	0.00042	0.00158	0.0000805
2049 Nov	0.000199	0.001	0.0836	0.00000711	1.44	2.17	0.0261	0.000236	7.94	0.00124	0.00878	0.000202	0.000153	0.0000755	0.0784	0.00000238	0.0000983	0.00042	0.00158	0.0000805
2049 Dec	0.000199	0.001	0.0837	0.00000711	1.44	2.18	0.0261	0.000237	7.95	0.00124	0.00878	0.000202	0.000153	0.0000755	0.0784	0.00000239	0.0000984	0.00042	0.00158	0.0000806
2050 Jan	0.000199	0.001	0.0837	0.00000712	1.44	2.18	0.0262	0.000237	7.95	0.00124	0.00878	0.000202	0.000153	0.0000755	0.0784	0.00000239	0.0000984	0.00042	0.00158	0.0000806
2050 Feb	0.000199	0.001	0.0837	0.00000712	1.44	2.18	0.0262	0.000237	7.95	0.00124	0.00878	0.000202	0.000153	0.0000755	0.0784	0.00000239	0.0000984	0.00042	0.00158	0.0000806
2050 Mar	0.0002	0.001	0.0837	0.00000712	1.44	2.18	0.0262	0.000237	7.95	0.00124	0.00878	0.000202	0.000153	0.0000755	0.0784	0.00000239	0.0000984	0.000421	0.00158	0.0000806
2050 Apr	0.0002	0.001	0.0839	0.00000714	1.44	2.18	0.0262	0.000237	7.97	0.00125	0.00881	0.000203	0.000154	0.0000757	0.0786	0.00000239	0.0000987	0.000422	0.00158	0.0000808
2050 May	0.000203	0.00102	0.0851	0.00000723	1.46	2.21	0.0266	0.00024	8.08	0.00126	0.00893	0.000205	0.000156	0.0000767	0.0797	0.00000242	0.0001	0.000427	0.0016	0.0000819
2050 Jun	0.000195	0.000981	0.0821	0.00000702	1.41	2.13	0.0255	0.000232	7.78	0.00122	0.00863	0.000197	0.000151	0.000074	0.0768	0.00000234	0.0000966	0.000412	0.00155	0.000079
2050 Jul	0.000188	0.000951	0.0792	0.00000681	1.37	2.06	0.0245	0.000225	7.56	0.00118	0.00837	0.000189	0.000147	0.0000717	0.0742	0.00000228	0.0000939	0.000398	0.00151	0.0000771

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Aug	0.000194	0.000983	0.082	0.00000704	1.41	2.13	0.0254	0.000233	7.81	0.00122	0.00866	0.000195	0.000152	0.0000741	0.0767	0.00000235	0.0000971	0.000412	0.00156	0.0000797
2050 Sep	0.000195	0.000987	0.0823	0.00000707	1.42	2.14	0.0255	0.000233	7.84	0.00123	0.00869	0.000196	0.000153	0.0000744	0.077	0.00000236	0.0000975	0.000414	0.00157	0.00008
2050 Oct	0.000196	0.000995	0.0829	0.00000713	1.43	2.16	0.0257	0.000235	7.91	0.00124	0.00876	0.000198	0.000154	0.000075	0.0777	0.00000238	0.0000983	0.000417	0.00158	0.0000807
2050 Nov	0.000197	0.000999	0.0832	0.00000715	1.43	2.16	0.0258	0.000236	7.93	0.00124	0.00879	0.000198	0.000154	0.0000753	0.078	0.00000239	0.0000987	0.000419	0.00159	0.000081
2050 Dec	0.000197	0.000999	0.0833	0.00000715	1.43	2.16	0.0258	0.000236	7.94	0.00124	0.0088	0.000198	0.000154	0.0000753	0.078	0.00000239	0.0000987	0.000419	0.00159	0.000081
2051 Jan	0.000197	0.000999	0.0833	0.00000716	1.43	2.17	0.0258	0.000236	7.94	0.00124	0.0088	0.000198	0.000154	0.0000753	0.078	0.00000239	0.0000987	0.000419	0.00159	0.000081
2051 Feb	0.000197	0.000999	0.0833	0.00000716	1.44	2.17	0.0258	0.000236	7.94	0.00124	0.0088	0.000198	0.000154	0.0000753	0.078	0.00000239	0.0000987	0.000419	0.00159	0.000081
2051 Mar	0.000197	0.001	0.0833	0.00000716	1.44	2.17	0.0258	0.000236	7.94	0.00124	0.00881	0.000199	0.000155	0.0000754	0.078	0.00000239	0.0000988	0.000419	0.00159	0.0000811
2051 Apr	0.000198	0.001	0.0837	0.00000719	1.44	2.18	0.0259	0.000237	7.98	0.00125	0.00884	0.000199	0.000155	0.0000757	0.0784	0.0000024	0.0000992	0.000421	0.00159	0.0000814
2051 May	0.000201	0.00102	0.085	0.0000073	1.46	2.21	0.0263	0.000241	8.09	0.00127	0.00897	0.000202	0.000158	0.0000768	0.0795	0.00000244	0.000101	0.000427	0.00162	0.0000826
2051 Jun	0.000186	0.000944	0.0786	0.00000678	1.36	2.04	0.0242	0.000223	7.5	0.00118	0.00832	0.000186	0.000147	0.0000712	0.0735	0.00000226	0.0000936	0.000396	0.00151	0.0000771
2051 Jul	0.000185	0.000947	0.0783	0.00000677	1.36	2.04	0.0241	0.000223	7.55	0.00118	0.00833	0.000185	0.000147	0.0000714	0.0736	0.00000227	0.0000942	0.000395	0.00151	0.0000783
2051 Aug	0.000189	0.000964	0.0797	0.0000069	1.39	2.08	0.0246	0.000227	7.69	0.0012	0.00848	0.000189	0.00015	0.0000727	0.0749	0.00000232	0.000096	0.000402	0.00154	0.0000797
2051 Sep	0.000186	0.00095	0.0787	0.00000681	1.37	2.05	0.0242	0.000224	7.58	0.00119	0.00837	0.000186	0.000148	0.0000717	0.0738	0.00000228	0.0000946	0.000397	0.00152	0.0000784
2051 Oct	0.000178	0.00091	0.0753	0.00000654	1.31	1.96	0.0231	0.000215	7.26	0.00114	0.00802	0.000177	0.000142	0.0000687	0.0707	0.00000219	0.0000908	0.000379	0.00146	0.0000754
2051 Nov	0.000177	0.00091	0.0752	0.00000653	1.31	1.96	0.0231	0.000215	7.26	0.00114	0.00802	0.000177	0.000142	0.0000687	0.0706	0.00000219	0.0000908	0.000379	0.00145	0.0000754
2051 Dec	0.000178	0.000911	0.0753	0.00000654	1.31	1.96	0.0231	0.000215	7.26	0.00114	0.00802	0.000177	0.000142	0.0000687	0.0707	0.00000219	0.0000908	0.000379	0.00146	0.0000754
2052 Jan	0.000178	0.000911	0.0753	0.00000654	1.31	1.96	0.0231	0.000215	7.26	0.00114	0.00802	0.000177	0.000142	0.0000687	0.0707	0.00000219	0.0000908	0.000379	0.00146	0.0000754
2052 Feb	0.000178	0.000911	0.0753	0.00000654	1.31	1.96	0.0231	0.000215	7.27	0.00114	0.00802	0.000177	0.000142	0.0000687	0.0707	0.00000219	0.0000908	0.000379	0.00146	0.0000755
2052 Mar	0.000178	0.000912	0.0754	0.00000654	1.31	1.97	0.0231	0.000215	7.27	0.00114	0.00803	0.000177	0.000142	0.0000688	0.0708	0.00000219	0.0000909	0.00038	0.00146	0.0000755
2052 Apr	0.000178	0.000914	0.0755	0.00000656	1.31	1.97	0.0232	0.000215	7.29	0.00114	0.00805	0.000178	0.000143	0.0000689	0.0709	0.0000022	0.0000911	0.000381	0.00146	0.0000757
2052 May	0.00018	0.000922	0.0763	0.00000662	1.33	1.99	0.0234	0.000218	7.36	0.00115	0.00813	0.00018	0.000144	0.0000696	0.0716	0.00000222	0.000092	0.000384	0.00147	0.0000764
2052 Jun	0.000177	0.000911	0.075	0.00000653	1.31	1.96	0.023	0.000215	7.27	0.00114	0.00802	0.000176	0.000142	0.0000687	0.0706	0.00000219	0.000091	0.000378	0.00145	0.0000759
2052 Jul	0.00018	0.000925	0.0763	0.00000664	1.33	1.99	0.0234	0.000218	7.38	0.00115	0.00814	0.000179	0.000144	0.0000698	0.0717	0.00000222	0.0000925	0.000384	0.00148	0.000077
2052 Aug	0.000184	0.000946	0.0781	0.0000068	1.36	2.04	0.0239	0.000223	7.55	0.00118	0.00834	0.000183	0.000148	0.0000714	0.0734	0.00000228	0.0000946	0.000394	0.00151	0.0000788
2052 Sep	0.000184	0.000946	0.0781	0.0000068	1.36	2.04	0.024	0.000223	7.54	0.00118	0.00834	0.000184	0.000148	0.0000714	0.0734	0.00000228	0.0000945	0.000394	0.00151	0.0000786
2052 Oct	0.000184	0.000946	0.0783	0.00000681	1.36	2.04	0.024	0.000224	7.54	0.00118	0.00835	0.000184	0.000148	0.0000714	0.0734	0.00000228	0.0000945	0.000394	0.00151	0.0000784
2052 Nov	0.000185	0.000949	0.0785	0.00000683	1.36	2.05	0.0241	0.000224	7.56	0.00119	0.00837	0.000184	0.000148	0.0000716	0.0737	0.00000228	0.0000948	0.000395	0.00152	0.0000787
2052 Dec	0.000185	0.000949	0.0785	0.00000684	1.36	2.05	0.0241	0.000224	7.56	0.00119	0.00838	0.000184	0.000149	0.0000716	0.0737	0.00000228	0.0000948	0.000396	0.00152	0.0000787
2053 Jan	0.000185	0.00095	0.0786	0.00000684	1.36	2.05	0.0241	0.000224	7.57	0.00119	0.00838	0.000184	0.000149	0.0000716	0.0737	0.00000228	0.0000948	0.000396	0.00152	0.0000787
2053 Feb	0.000185	0.00095	0.0786	0.00000684	1.37	2.05	0.0241	0.000224	7.57	0.00119	0.00838	0.000185	0.000149	0.0000716	0.0737	0.00000229	0.0000949	0.000396	0.00152	0.0000788
2053 Mar	0.000185	0.000951	0.0787	0.00000685	1.37	2.05	0.0241	0.000225	7.58	0.00119	0.00839	0.000185	0.000149	0.0000717	0.0738	0.00000229	0.000095	0.000396	0.00152	0.0000789
2053 Apr	0.000186	0.000955	0.079	0.00000688	1.37	2.06	0.0242	0.000226	7.61	0.00119	0.00843	0.000186	0.000149	0.0000721	0.0742	0.0000023	0.0000954	0.000398	0.00153	0.0000792
2053 May	0.000187	0.000961	0.0796	0.00000693	1.38	2.07	0.0244	0.000227	7.65	0.0012	0.00849	0.000187	0.00015	0.0000725	0.0747	0.00000231	0.000096	0.000401	0.00154	0.0000796
2053 Jun	0.000177	0.000909	0.0751	0.00000652	1.31	1.96	0.0231	0.000215	7.26	0.00114	0.008	0.000177	0.000142	0.0000687	0.0707	0.00000218	0.0000911	0.000378	0.00145	0.0000762
2053 Jul	0.000184	0.000941	0.0776	0.00000673	1.35	2.03	0.0239	0.000222	7.52	0.00118	0.00827	0.000183	0.000147	0.0000711	0.0731	0.00000226	0.0000944	0.000391	0.0015	0.0000791
2053 Aug	0.000192	0.000984	0.0812	0.00000704	1.42	2.13	0.025	0.000232	7.87	0.00123	0.00865	0.000192	0.000154	0.0000744	0.0764	0.00000236	0.0000987	0.000409	0.00157	0.0000827
2053 Sep	0.000198	0.00101	0.0837	0.00000726	1.46	2.19	0.0258	0.00024	8.11	0.00127	0.00892	0.000198	0.000158	0.0000767	0.0788	0.00000244	0.000102	0.000422	0.00162	0.0000853
2053 Oct	0.0002	0.00102	0.0844	0.00000732	1.47	2.21	0.026	0.000242	8.18	0.00128	0.00899	0.000199	0.00016	0.0000773	0.0794	0.00000246	0.000103	0.000425	0.00163	0.0000859
2053 Nov	0.0002	0.00102	0.0844	0.00000732	1.47	2.21	0.026	0.000242	8.18	0.00128	0.00899	0.000199	0.00016	0.0000773	0.0795	0.00000246	0.000103	0.000425	0.00163	0.0000859
2053 Dec	0.0002	0.00102	0.0844	0.00000732	1.47	2.21	0.026	0.000242	8.18	0.00128	0.00899	0.000199	0.00016	0.0000773	0.0795	0.00000246	0.000103	0.000425	0.00163	0.000086
2054 Jan	0.0002	0.00102	0.0844	0.00000732	1.47	2.21	0.026	0.000242	8.18	0.00128	0.00899	0.000199	0.00016	0.0000773	0.0795	0.00000246	0.000103	0.000425	0.00163	0.000086
2054 Feb	0.0002	0.00102	0.0844	0.00000732	1.47	2.21	0.026	0.000242	8.18	0.00128	0.00899	0.000199	0.00016	0.0000774	0.0795	0.00000246	0.000103	0.000425	0.00163	0.000086
2054 Mar	0.0002	0.00102	0.0844	0.00000733	1.47	2.21	0.026	0.000242	8.18	0.00128	0.00899	0.000199	0.00016	0.0000774	0.0795	0.00000246	0.000103	0.000425	0.00163	0.000086
2054 Apr	0.0002	0.00103	0.0848	0.00000735	1.48	2.22	0.0261	0.000243	8.21	0.00128	0.00903	0.0002	0.00016	0.0000777	0.0798	0.00000247	0.000103	0.000427	0.00164	0.0000863
2054 May	0.000203	0.00104	0.0859	0.00000745	1.5	2.25	0.0265	0.000246	8.32	0.0013	0.00915	0.000203	0.000162	0.0000787	0.0809	0.0000025	0.000104	0.000433	0.00166	0.0000874
2054 Jun	0.000194	0.000985	0.0823	0.0000071	1.42	2.14	0.0255	0.000233	7.84	0.00123	0.00869	0.000196	0.000154	0.0000746	0.077	0.00000236	0.0000984	0.000415	0.00157	0.0000817
2054 Jul	0.000193	0.000976	0.0818	0.00000704	1.41	2.12	0.0254	0.00023	7.76	0.00122	0.00861	0.000195	0.000153	0.000074	0.0765	0.00000234	0.0000975	0.000413	0.00156	0.0000809
2054 Aug	0.000196	0.00099	0.0831	0.00000715	1.43	2.15	0.0258	0.000234	7.87	0.00124	0.00874	0.000199	0.000155	0.0000751	0.0777	0.00000237	0.0000989	0.000419	0.00158	0.000082
2054 Sep	0.000198	0.000997	0.0837	0.0000072	1.44	2.17	0.026	0.000235	7.92	0.00125	0.0088	0.0002	0.000156	0.0000756	0.0782	0.00000239	0.0000995	0.000422	0.00159	0.0000824
2054 Oct	0.000196	0.000987	0.083	0.00000714	1.42	2.15	0.0258	0.000233	7.84	0.00124	0.00872	0.000199	0.000155	0.0000749	0.0775	0.00000236	0.0000986	0.000419	0.00158	0.0000816
2054 Nov	0.000196	0.000984	0.0828	0.00000711	1.42	2.14	0.0257	0.000232	7.82	0.00123	0.00869	0.000198	0.000155	0.0000747	0.0773	0.00000236	0.0000983	0.000417	0.00157	0.0000814
2054 Dec	0.000196	0.000985	0.0828	0.00000712	1.42	2.14	0.0257	0.000232	7.83	0.00124	0.00869	0.000198	0.000155	0.0000747	0.0773	0.00000236	0.0000984	0.000418	0.00157	0.0000814
2055 Jan	0.000196	0.000985	0.0828	0.00000712	1.42	2.14	0.0257	0.000232	7.83	0.00124	0.00869	0.000198	0.000155	0.0000747	0.0773	0.00000236	0.0000984	0.000418	0.00157	0.0000814
2055 Feb	0.000196	0.000985	0.0828	0.00000712	1.42	2.14	0.0257	0.000232	7.83	0.00124	0.0087	0.000198	0.000155	0.0000747	0.0773	0.00000236	0.0000984	0.000418	0.00157	0.0000814
2055 Mar	0.000196	0.000985	0.0828	0.00000712	1.42	2.14	0.0258	0.000233	7.83	0.00124	0.0087	0.000198	0.000155	0.0000748	0.0774	0.00000236	0.0000984	0.000418	0.00157	0.0000814
2055 Apr	0.000196	0.000988	0.0831	0.00000714	1.42	2.15	0.0258	0.000233	7.85	0.00124	0.00872	0.000199	0.000155	0.000075	0.0776	0.00000237	0.0000987	0.000419	0.00158	0.0000817
2055 May	0.000199	0.001	0.0842	0.00000724	1.44	2.18	0.0262	0.000236	7.96	0.00126	0.00884	0.000201	0.000157	0.000076	0.0786	0.0000024	0.0001	0.000425	0.0016	0.0000828
2055 Jun	0.000189	0.00095	0.0797	0.00000684	1.37	2.07	0.0248	0.000224	7.57	0.00119	0.00837	0.000191	0.000149	0.0000722	0.0746	0.00000227	0.0000952	0.000402	0.00152	0.0000794
2055 Jul	0.000188	0.000948	0.0792	0.0000068	1.37	2.06	0.0247	0.000223	7.58	0.00119	0.00833	0.00019	0.000149	0.0000721	0.0743	0.00000227	0.0000954	0.0004	0.00151	0.0000801
2055 Aug	0.000195	0.000984	0.0822	0.00000706	1.42	2.14	0.0257	0.000232	7.87	0.00124	0.00865	0.000197	0.000154	0.0000749	0.0772	0.00000236	0.0000991	0.000415	0.00157	0.0000832
2055 Sep	0.000196	0.000988	0.0825	0.00000708	1.43	2.15	0.0257	0.000232	7.89	0.00124	0.00868	0.000198	0.000155	0.0000751	0.0774	0.00000236	0.0000994	0.000417	0.00157	0.0000834
2055 Oct	0.000197	0.000993	0.0829	0.00000712	1.43	2.16	0.0259	0.000234	7.93	0.00125	0.00872	0.000199	0.000156	0.0000755	0.0778	0.00000238	0.0000999	0.000419	0.00158	0.0000839
2055 Nov	0.000197	0.000994	0.083	0.00000713	1.44	2.16	0.0259	0.000234	7.95	0.00125	0.00874	0.000199	0.000156	0.0000757	0.078	0.00000238	0.0001	0.000419	0.00158	0.000084
2055 Dec	0.000197	0.000995	0.083	0.00000713	1.44	2.17	0.0259	0.000234	7.95	0.00125	0.00874	0.0002	0.000156	0.0000757	0.078	0.00000238	0.0001	0.00042	0.00158	0.000084
2056 Jan	0.000197	0.000995	0.0831	0.00000714	1.44	2.17	0.0259	0.000234	7.95	0.00125	0.00874	0.0002	0.000156	0.0000757	0.078	0.00000238	0.0001	0.00042	0.00158	0.000084
2056 Feb	0.000197	0.000995	0.0831	0.00000714	1.44	2.17	0.0259	0.000234	7.95	0.00125	0.00874	0.0002	0.000156	0.0000757	0.078	0.00000238	0.0001	0.00042	0.00158	0.000084

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.000197	0.000995	0.0831	0.00000714	1.44	2.17	0.0259	0.000234	7.96	0.00125	0.00874	0.0002	0.000156	0.0000757	0.0781	0.00000238	0.0001	0.00042	0.00158	0.0000841
2056 Apr	0.000198	0.000999	0.0834	0.00000717	1.44	2.18	0.026	0.000235	7.98	0.00125	0.00878	0.0002	0.000157	0.000076	0.0783	0.00000239	0.000101	0.000421	0.00159	0.0000844
2056 May	0.000201	0.00101	0.0845	0.00000725	1.46	2.2	0.0264	0.000238	8.06	0.00127	0.00887	0.000203	0.000158	0.0000768	0.0792	0.00000241	0.000101	0.000427	0.00161	0.000085
2056 Jun	0.000192	0.000955	0.0806	0.00000689	1.38	2.09	0.0253	0.000225	7.61	0.0012	0.00841	0.000195	0.000151	0.0000729	0.0754	0.00000228	0.000096	0.000408	0.00152	0.0000801
2056 Jul	0.0002	0.000996	0.084	0.00000717	1.44	2.18	0.0264	0.000234	7.94	0.00125	0.00876	0.000204	0.000157	0.000076	0.0786	0.00000238	0.0001	0.000425	0.00159	0.0000837
2056 Aug	0.000205	0.00102	0.0862	0.00000736	1.48	2.24	0.0271	0.00024	8.15	0.00129	0.00899	0.000209	0.000161	0.000078	0.0807	0.00000244	0.000103	0.000436	0.00163	0.0000859
2056 Sep	0.000209	0.00104	0.0881	0.00000752	1.51	2.29	0.0277	0.000246	8.33	0.00131	0.00919	0.000214	0.000165	0.0000797	0.0824	0.0000025	0.000105	0.000446	0.00167	0.0000878
2056 Oct	0.000207	0.00103	0.0872	0.00000744	1.49	2.26	0.0274	0.000243	8.24	0.0013	0.00909	0.000211	0.000163	0.0000789	0.0815	0.00000247	0.000104	0.000441	0.00165	0.0000868
2056 Nov	0.000207	0.00103	0.0871	0.00000744	1.49	2.26	0.0274	0.000243	8.23	0.0013	0.00909	0.000211	0.000163	0.0000788	0.0815	0.00000247	0.000104	0.000441	0.00165	0.0000868
2056 Dec	0.000207	0.00103	0.0871	0.00000744	1.49	2.26	0.0274	0.000243	8.24	0.0013	0.00909	0.000211	0.000163	0.0000789	0.0815	0.00000247	0.000104	0.000441	0.00165	0.0000868
2057 Jan	0.000207	0.00103	0.0872	0.00000745	1.49	2.26	0.0274	0.000243	8.24	0.0013	0.00909	0.000211	0.000163	0.0000789	0.0816	0.00000247	0.000104	0.000441	0.00165	0.0000868
2057 Feb	0.000207	0.00103	0.0872	0.00000745	1.49	2.26	0.0274	0.000243	8.24	0.0013	0.0091	0.000211	0.000163	0.0000789	0.0816	0.00000247	0.000104	0.000441	0.00165	0.0000868
2057 Mar	0.000207	0.00103	0.0873	0.00000745	1.5	2.26	0.0274	0.000243	8.25	0.0013	0.0091	0.000211	0.000163	0.000079	0.0816	0.00000247	0.000104	0.000441	0.00165	0.0000869
2057 Apr	0.000208	0.00104	0.0876	0.00000748	1.5	2.27	0.0275	0.000244	8.28	0.00131	0.00914	0.000212	0.000164	0.0000793	0.082	0.00000248	0.000104	0.000443	0.00166	0.0000873
2057 May	0.000212	0.00106	0.0891	0.00000761	1.53	2.31	0.028	0.000248	8.42	0.00133	0.00929	0.000216	0.000166	0.0000806	0.0833	0.00000252	0.000106	0.000451	0.00168	0.0000887
2057 Jun	0.000203	0.000999	0.0853	0.00000724	1.45	2.2	0.027	0.000235	7.94	0.00126	0.00882	0.000209	0.000158	0.0000765	0.0794	0.00000238	0.0001	0.000432	0.0016	0.0000832
2057 Jul	0.000207	0.00102	0.0872	0.0000074	1.48	2.25	0.0276	0.00024	8.13	0.00129	0.00901	0.000213	0.000162	0.0000783	0.0812	0.00000244	0.000103	0.000442	0.00163	0.0000854
2057 Aug	0.000221	0.00109	0.093	0.00000789	1.58	2.4	0.0294	0.000256	8.67	0.00138	0.00961	0.000228	0.000173	0.0000835	0.0866	0.0000026	0.000109	0.000471	0.00174	0.0000911
2057 Sep	0.000226	0.00111	0.095	0.00000806	1.61	2.45	0.0301	0.000261	8.85	0.0014	0.00982	0.000232	0.000176	0.0000853	0.0885	0.00000265	0.000112	0.000481	0.00178	0.000093
2057 Oct	0.000225	0.00111	0.0948	0.00000804	1.61	2.45	0.03	0.000261	8.84	0.0014	0.0098	0.000232	0.000176	0.0000851	0.0883	0.00000265	0.000112	0.00048	0.00177	0.0000928
2057 Nov	0.000226	0.00111	0.095	0.00000806	1.61	2.45	0.0301	0.000262	8.86	0.00141	0.00982	0.000233	0.000176	0.0000853	0.0885	0.00000266	0.000112	0.000481	0.00178	0.000093
2057 Dec	0.000226	0.00111	0.095	0.00000807	1.61	2.45	0.0301	0.000262	8.86	0.00141	0.00983	0.000233	0.000176	0.0000853	0.0886	0.00000266	0.000112	0.000481	0.00178	0.0000931
2058 Jan	0.000226	0.00111	0.095	0.00000807	1.61	2.45	0.0301	0.000262	8.86	0.00141	0.00983	0.000233	0.000176	0.0000854	0.0886	0.00000266	0.000112	0.000481	0.00178	0.0000931
2058 Feb	0.000226	0.00111	0.0951	0.00000807	1.61	2.45	0.0301	0.000262	8.86	0.00141	0.00983	0.000233	0.000176	0.0000854	0.0886	0.00000266	0.000112	0.000482	0.00178	0.0000931
2058 Mar	0.000226	0.00111	0.0951	0.00000807	1.61	2.45	0.0301	0.000262	8.86	0.00141	0.00983	0.000233	0.000176	0.0000854	0.0886	0.00000266	0.000112	0.000482	0.00178	0.0000931
2058 Apr	0.000227	0.00112	0.0953	0.00000809	1.62	2.46	0.0302	0.000262	8.89	0.00141	0.00985	0.000233	0.000177	0.0000856	0.0888	0.00000266	0.000112	0.000483	0.00178	0.0000934
2058 May	0.000229	0.00113	0.0965	0.00000817	1.63	2.48	0.0306	0.000265	8.95	0.00142	0.00995	0.000237	0.000179	0.0000864	0.0898	0.00000269	0.000113	0.000489	0.0018	0.0000938
2058 Jun	0.000213	0.00103	0.0892	0.00000746	1.49	2.28	0.0286	0.00024	8.13	0.0013	0.00907	0.000223	0.000163	0.0000791	0.0826	0.00000244	0.000103	0.000453	0.00164	0.0000849
2058 Jul	0.000218	0.00105	0.0912	0.00000762	1.53	2.34	0.0293	0.000245	8.34	0.00133	0.00927	0.000228	0.000167	0.0000811	0.0846	0.00000249	0.000105	0.000464	0.00168	0.0000873
2058 Aug	0.000227	0.00109	0.0947	0.00000792	1.59	2.43	0.0305	0.000255	8.67	0.00138	0.00963	0.000237	0.000174	0.0000843	0.0879	0.00000259	0.000109	0.000482	0.00174	0.0000908
2058 Sep	0.000227	0.00109	0.0948	0.00000792	1.59	2.43	0.0305	0.000255	8.68	0.00138	0.00964	0.000237	0.000174	0.0000843	0.088	0.00000259	0.00011	0.000482	0.00174	0.0000908
2058 Oct	0.000226	0.00109	0.0946	0.0000079	1.58	2.43	0.0304	0.000255	8.66	0.00138	0.00962	0.000237	0.000173	0.0000841	0.0878	0.00000259	0.000109	0.000481	0.00174	0.0000906
2058 Nov	0.000227	0.00109	0.0948	0.00000792	1.59	2.43	0.0305	0.000255	8.68	0.00138	0.00964	0.000237	0.000174	0.0000843	0.088	0.00000259	0.00011	0.000482	0.00174	0.0000908
2058 Dec	0.000227	0.00109	0.0948	0.00000793	1.59	2.43	0.0305	0.000255	8.68	0.00138	0.00964	0.000237	0.000174	0.0000843	0.088	0.00000259	0.00011	0.000482	0.00174	0.0000908
2059 Jan	0.000227	0.00109	0.0948	0.00000793	1.59	2.43	0.0305	0.000255	8.68	0.00138	0.00964	0.000237	0.000174	0.0000843	0.088	0.00000259	0.00011	0.000482	0.00174	0.0000908
2059 Feb	0.000227	0.00109	0.0949	0.00000793	1.59	2.43	0.0305	0.000255	8.68	0.00138	0.00964	0.000237	0.000174	0.0000843	0.088	0.00000259	0.00011	0.000483	0.00174	0.0000908
2059 Mar	0.000227	0.00109	0.0949	0.00000793	1.59	2.43	0.0305	0.000255	8.68	0.00138	0.00964	0.000237	0.000174	0.0000843	0.088	0.00000259	0.00011	0.000483	0.00174	0.0000909
2059 Apr	0.000228	0.0011	0.0951	0.00000795	1.59	2.44	0.0306	0.000256	8.7	0.00139	0.00967	0.000238	0.000174	0.0000846	0.0883	0.0000026	0.00011	0.000484	0.00175	0.0000911
2059 May	0.000231	0.00111	0.0964	0.00000805	1.61	2.47	0.0311	0.000259	8.81	0.00141	0.00979	0.000242	0.000177	0.0000856	0.0894	0.00000263	0.000111	0.000491	0.00177	0.0000921
2059 Jun	0.000231	0.0011	0.0963	0.000008	1.6	2.45	0.0312	0.000256	8.66	0.00139	0.0097	0.000243	0.000175	0.0000848	0.0889	0.0000026	0.000109	0.00049	0.00175	0.0000899
2059 Jul	0.000246	0.00117	0.103	0.00000852	1.7	2.61	0.0332	0.000273	9.23	0.00148	0.0103	0.000259	0.000187	0.0000904	0.0948	0.00000277	0.000117	0.000523	0.00187	0.0000958
2059 Aug	0.000259	0.00123	0.108	0.00000898	1.79	2.76	0.0351	0.000288	9.74	0.00156	0.0109	0.000273	0.000197	0.0000953	0.0999	0.00000292	0.000123	0.000551	0.00197	0.000101
2059 Sep	0.000263	0.00125	0.11	0.0000091	1.82	2.79	0.0355	0.000292	9.86	0.00158	0.011	0.000277	0.000199	0.0000965	0.101	0.00000296	0.000125	0.000558	0.00199	0.000102
2059 Oct	0.000252	0.0012	0.105	0.00000875	1.74	2.68	0.0341	0.00028	9.47	0.00152	0.0106	0.000266	0.000191	0.0000927	0.0972	0.00000284	0.00012	0.000536	0.00192	0.0000982
2059 Nov	0.000252	0.0012	0.105	0.00000873	1.74	2.68	0.034	0.00028	9.46	0.00152	0.0106	0.000265	0.000191	0.0000925	0.0971	0.00000283	0.00012	0.000535	0.00191	0.000098
2059 Dec	0.000252	0.0012	0.105	0.00000874	1.74	2.68	0.034	0.00028	9.46	0.00152	0.0106	0.000265	0.000191	0.0000926	0.0971	0.00000284	0.00012	0.000535	0.00191	0.0000981
2060 Jan	0.000252	0.0012	0.105	0.00000874	1.74	2.68	0.034	0.00028	9.46	0.00152	0.0106	0.000265	0.000191	0.0000926	0.0971	0.00000284	0.00012	0.000535	0.00191	0.0000981
2060 Feb	0.000252	0.0012	0.105	0.00000874	1.74	2.68	0.0341	0.00028	9.46	0.00152	0.0106	0.000265	0.000191	0.0000926	0.0971	0.00000284	0.00012	0.000535	0.00191	0.0000981
2060 Mar	0.000252	0.0012	0.105	0.00000874	1.74	2.68	0.0341	0.00028	9.47	0.00152	0.0106	0.000266	0.000191	0.0000926	0.0972	0.00000284	0.00012	0.000536	0.00191	0.0000981
2060 Apr	0.000253	0.0012	0.106	0.00000878	1.75	2.69	0.0342	0.000282	9.51	0.00153	0.0107	0.000267	0.000192	0.000093	0.0976	0.00000285	0.00012	0.000538	0.00192	0.0000986
2060 May	0.000256	0.00121	0.107	0.00000884	1.76	2.71	0.0347	0.000283	9.51	0.00153	0.0107	0.000271	0.000193	0.0000934	0.0983	0.00000286	0.00012	0.000544	0.00193	0.0000981
2060 Jun	0.000247	0.00115	0.103	0.00000839	1.67	2.59	0.0337	0.000268	9.02	0.00146	0.0102	0.000264	0.000183	0.0000891	0.0942	0.0000027	0.000114	0.000523	0.00183	0.0000926
2060 Jul	0.000261	0.00121	0.109	0.00000887	1.77	2.74	0.0357	0.000283	9.55	0.00154	0.0107	0.00028	0.000194	0.0000943	0.0997	0.00000286	0.000121	0.000554	0.00193	0.0000982
2060 Aug	0.000269	0.00125	0.112	0.00000912	1.82	2.82	0.0367	0.000291	9.82	0.00159	0.011	0.000287	0.000199	0.000097	0.103	0.00000294	0.000124	0.000569	0.00199	0.000101
2060 Sep	0.000262	0.00122	0.109	0.0000089	1.77	2.75	0.0358	0.000284	9.56	0.00155	0.0108	0.00028	0.000194	0.0000945	0.0999	0.00000286	0.000121	0.000555	0.00194	0.0000982
2060 Oct	0.000261	0.00121	0.109	0.00000886	1.76	2.74	0.0357	0.000283	9.49	0.00154	0.0107	0.00028	0.000193	0.000094	0.0995	0.00000284	0.00012	0.000553	0.00193	0.0000972
2060 Nov	0.00026	0.0012	0.108	0.00000883	1.76	2.73	0.0356	0.000281	9.44	0.00153	0.0107	0.000279	0.000192	0.0000936	0.0992	0.00000283	0.000119	0.000552	0.00192	0.0000965
2060 Dec	0.00026	0.0012	0.108	0.00000884	1.76	2.73	0.0356	0.000282	9.45	0.00153	0.0107	0.000279	0.000192	0.0000936	0.0992	0.00000283	0.000119	0.000552	0.00192	0.0000966
2061 Jan	0.00026	0.0012	0.108	0.00000884	1.76	2.73	0.0356	0.000282	9.45	0.00153	0.0107	0.000279	0.000192	0.0000936	0.0992	0.00000283	0.000119	0.000552	0.00192	0.0000966
2061 Feb	0.00026	0.0012	0.108	0.00000884	1.76	2.73	0.0356	0.000282	9.45	0.00153	0.0107	0.000279	0.000192	0.0000937	0.0992	0.00000283	0.000119	0.000552	0.00192	0.0000966
2061 Mar	0.000261	0.00121	0.108	0.00000884	1.76	2.73	0.0356	0.000282	9.45	0.00153	0.0107	0.000279	0.000192	0.0000937	0.0993	0.00000283	0.000119	0.000552	0.00192	0.0000966
2061 Apr	0.000262	0.00121	0.109	0.00000887	1.76	2.74	0.0358	0.000283	9.49	0.00154	0.0107	0.000281	0.000193	0.000094	0.0997	0.00000284	0.00012	0.000555	0.00193	0.000097
2061 May	0.000263	0.00121	0.109	0.00000889	1.77	2.75	0.036	0.000283	9.49	0.00154	0.0107	0.000283	0.000193	0.0000943	0.1	0.00000284	0.00012	0.000557	0.00193	0.000097
2061 Jun	0.000245	0.00112	0.101	0.00000811	1.63	2.55	0.0337	0.000261	8.78	0.00142	0.00984	0.000265	0.000177	0.0000872	0.0926	0.00000261	0.000111	0.000515	0.00176	0.0000904
2061 Jul	0.000258	0.00118	0.106	0.00000854	1.72	2.69	0.0355	0.000275	9.26	0.0015	0.0104	0.00028	0.000187	0.000092	0.0977	0.00000275	0.000117	0.000543	0.00186	0.0000954
2061 Aug	0.000271	0.00124	0.112	0.00000898	1.81	2.82	0.0373	0.000289	9.73	0.00157	0.0109	0.000294	0.000196	0.0000967	0.103	0.00000289	0.000123	0.000571	0.00195	0.0001
2061 Sep	0.000275	0.00125	0.113	0.00000908	1.83	2.86	0.0378	0.000292	9.84	0.00159	0.011	0.000297	0.000199	0.0000978	0.104	0.00000292	0.000124	0.000577	0.00197	0.000101

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Oct	0.000267	0.00121	0.11	0.00000882	1.78	2.77	0.0367	0.000284	9.56	0.00155	0.0107	0.000288	0.000193	0.000095	0.101	0.00000283	0.000121	0.000561	0.00192	0.0000985
2061 Nov	0.000265	0.00121	0.109	0.00000875	1.76	2.75	0.0364	0.000282	9.48	0.00154	0.0106	0.000286	0.000191	0.0000942	0.1	0.00000281	0.00012	0.000556	0.0019	0.0000977
2061 Dec	0.000265	0.00121	0.109	0.00000876	1.76	2.75	0.0364	0.000282	9.49	0.00154	0.0106	0.000286	0.000191	0.0000943	0.1	0.00000281	0.00012	0.000556	0.0019	0.0000977
2062 Jan	0.000265	0.00121	0.109	0.00000876	1.76	2.75	0.0364	0.000282	9.49	0.00154	0.0106	0.000286	0.000191	0.0000943	0.1	0.00000281	0.00012	0.000557	0.0019	0.0000978
2062 Feb	0.000265	0.00121	0.109	0.00000876	1.76	2.75	0.0364	0.000282	9.49	0.00154	0.0106	0.000286	0.000192	0.0000943	0.1	0.00000281	0.00012	0.000557	0.0019	0.0000978
2062 Mar	0.000265	0.00121	0.109	0.00000877	1.77	2.76	0.0365	0.000282	9.5	0.00154	0.0106	0.000287	0.000192	0.0000944	0.1	0.00000282	0.00012	0.000557	0.00191	0.0000979
2062 Apr	0.000266	0.00121	0.11	0.00000881	1.77	2.77	0.0366	0.000283	9.54	0.00154	0.0107	0.000288	0.000193	0.0000948	0.101	0.00000283	0.000121	0.00056	0.00191	0.0000983
2062 May	0.000269	0.00123	0.111	0.00000891	1.79	2.8	0.037	0.000287	9.65	0.00156	0.0108	0.000291	0.000195	0.0000959	0.102	0.00000286	0.000122	0.000566	0.00194	0.0000994
2062 Jun	0.00026	0.00118	0.107	0.00000857	1.72	2.7	0.0359	0.000275	9.23	0.0015	0.0104	0.000283	0.000187	0.0000921	0.0981	0.00000274	0.000117	0.000547	0.00186	0.0000948
2062 Jul	0.000258	0.00116	0.106	0.00000847	1.71	2.67	0.0357	0.000272	9.15	0.00149	0.0103	0.000281	0.000185	0.0000913	0.0973	0.00000271	0.000116	0.000543	0.00184	0.0000941
2062 Aug	0.000262	0.00118	0.108	0.00000858	1.73	2.71	0.0362	0.000276	9.26	0.00151	0.0104	0.000285	0.000188	0.0000925	0.0985	0.00000274	0.000117	0.00055	0.00186	0.0000953
2062 Sep	0.00026	0.00117	0.107	0.00000852	1.71	2.68	0.0359	0.000273	9.16	0.00149	0.0103	0.000283	0.000186	0.0000916	0.0978	0.00000272	0.000116	0.000546	0.00184	0.0000941
2062 Oct	0.000247	0.00111	0.101	0.00000808	1.63	2.55	0.0342	0.00026	8.74	0.00142	0.0098	0.000269	0.000177	0.0000872	0.093	0.00000258	0.000111	0.000518	0.00175	0.0000902
2062 Nov	0.000247	0.00111	0.101	0.00000809	1.63	2.56	0.0342	0.000261	8.75	0.00142	0.00981	0.000269	0.000177	0.0000873	0.0931	0.00000259	0.000111	0.000519	0.00175	0.0000904
2062 Dec	0.000247	0.00111	0.102	0.00000809	1.63	2.56	0.0342	0.000261	8.75	0.00142	0.00981	0.000269	0.000177	0.0000874	0.0931	0.00000259	0.000111	0.000519	0.00175	0.0000904
2063 Jan	0.000247	0.00111	0.102	0.00000809	1.63	2.56	0.0342	0.000261	8.75	0.00142	0.00981	0.000269	0.000177	0.0000874	0.0931	0.00000259	0.000111	0.000519	0.00175	0.0000904
2063 Feb	0.000247	0.00111	0.102	0.00000809	1.63	2.56	0.0342	0.000261	8.75	0.00142	0.00981	0.000269	0.000177	0.0000874	0.0931	0.00000259	0.000111	0.000519	0.00175	0.0000904
2063 Mar	0.000247	0.00111	0.102	0.0000081	1.63	2.56	0.0342	0.000261	8.75	0.00142	0.00982	0.00027	0.000177	0.0000874	0.0932	0.00000259	0.000111	0.000519	0.00175	0.0000904
2063 Apr	0.000248	0.00112	0.102	0.00000811	1.64	2.56	0.0343	0.000261	8.77	0.00143	0.00984	0.00027	0.000177	0.0000876	0.0934	0.00000259	0.000111	0.00052	0.00176	0.0000906
2063 May	0.00025	0.00112	0.102	0.00000817	1.65	2.58	0.0345	0.000263	8.83	0.00143	0.0099	0.000272	0.000178	0.0000882	0.094	0.00000261	0.000112	0.000524	0.00177	0.0000912
2063 Jun	0.000221	0.000992	0.0901	0.00000712	1.46	2.29	0.0306	0.000233	7.86	0.00127	0.00868	0.000242	0.000157	0.0000782	0.0832	0.0000023	0.0000999	0.000461	0.00155	0.0000828
2063 Jul	0.000221	0.000989	0.0895	0.00000706	1.45	2.28	0.0305	0.000232	7.86	0.00126	0.00863	0.00024	0.000156	0.000078	0.0828	0.00000229	0.0000999	0.000458	0.00154	0.0000834
2063 Aug	0.000231	0.00104	0.0938	0.00000741	1.52	2.39	0.032	0.000243	8.24	0.00132	0.00905	0.000252	0.000164	0.0000818	0.0869	0.0000024	0.000105	0.000481	0.00161	0.0000874
2063 Sep	0.000233	0.00105	0.0946	0.00000747	1.54	2.41	0.0323	0.000245	8.31	0.00134	0.00913	0.000254	0.000165	0.0000825	0.0876	0.00000242	0.000106	0.000485	0.00163	0.0000882
2063 Oct	0.00023	0.00103	0.0934	0.00000737	1.52	2.38	0.0318	0.000242	8.2	0.00132	0.00901	0.000251	0.000163	0.0000815	0.0865	0.00000239	0.000104	0.000478	0.0016	0.000087
2063 Nov	0.00023	0.00103	0.0934	0.00000738	1.52	2.38	0.0319	0.000242	8.21	0.00132	0.00901	0.000251	0.000163	0.0000815	0.0865	0.00000239	0.000104	0.000479	0.00161	0.000087
2063 Dec	0.00023	0.00103	0.0935	0.00000738	1.52	2.38	0.0319	0.000242	8.21	0.00132	0.00902	0.000251	0.000163	0.0000815	0.0866	0.00000239	0.000104	0.000479	0.00161	0.0000871
2064 Jan	0.00023	0.00103	0.0935	0.00000738	1.52	2.38	0.0319	0.000242	8.21	0.00132	0.00902	0.000251	0.000163	0.0000815	0.0866	0.00000239	0.000104	0.000479	0.00161	0.0000871
2064 Feb	0.000231	0.00103	0.0935	0.00000738	1.52	2.38	0.0319	0.000242	8.21	0.00132	0.00902	0.000251	0.000163	0.0000816	0.0866	0.00000239	0.000104	0.000479	0.00161	0.0000871
2064 Mar	0.000231	0.00104	0.0936	0.00000739	1.52	2.39	0.0319	0.000243	8.23	0.00132	0.00903	0.000252	0.000163	0.0000817	0.0867	0.00000239	0.000105	0.00048	0.00161	0.0000872
2064 Apr	0.000231	0.00104	0.0939	0.00000741	1.53	2.39	0.032	0.000243	8.25	0.00133	0.00906	0.000252	0.000164	0.0000819	0.0869	0.0000024	0.000105	0.000481	0.00161	0.0000875
2064 May	0.000232	0.00104	0.0942	0.00000742	1.53	2.4	0.0322	0.000244	8.24	0.00133	0.00906	0.000253	0.000164	0.0000082	0.0871	0.0000024	0.000105	0.000482	0.00161	0.0000873
2064 Jun	0.000217	0.00096	0.0873	0.00000683	1.41	2.23	0.0301	0.000225	7.65	0.00123	0.00835	0.000238	0.000151	0.0000761	0.0809	0.00000221	0.0000973	0.000448	0.00148	0.0000816
2064 Jul	0.000225	0.000996	0.0906	0.00000708	1.47	2.31	0.0312	0.000233	7.94	0.00127	0.00866	0.000246	0.000157	0.000079	0.084	0.00000229	0.000101	0.000465	0.00154	0.0000847
2064 Aug	0.000229	0.00102	0.0924	0.00000722	1.5	2.36	0.0319	0.000238	8.1	0.0013	0.00884	0.000251	0.00016	0.0000806	0.0857	0.00000234	0.000103	0.000474	0.00157	0.0000865
2064 Sep	0.000227	0.001	0.0916	0.00000715	1.48	2.33	0.0316	0.000236	7.99	0.00129	0.00875	0.000249	0.000158	0.0000797	0.0848	0.00000231	0.000102	0.00047	0.00155	0.0000851
2064 Oct	0.000228	0.00101	0.0921	0.00000719	1.49	2.34	0.0317	0.000236	8.02	0.00129	0.00879	0.000251	0.000159	0.00008	0.0852	0.00000232	0.000102	0.000472	0.00156	0.0000853
2064 Nov	0.000229	0.00101	0.0924	0.00000721	1.49	2.35	0.0319	0.000237	8.05	0.0013	0.00882	0.000252	0.00016	0.0000803	0.0855	0.00000233	0.000102	0.000474	0.00157	0.0000856
2064 Dec	0.000229	0.00101	0.0924	0.00000722	1.49	2.35	0.0319	0.000237	8.05	0.0013	0.00882	0.000252	0.00016	0.0000803	0.0856	0.00000233	0.000103	0.000474	0.00157	0.0000856
2065 Jan	0.000229	0.00101	0.0925	0.00000722	1.49	2.35	0.0319	0.000238	8.05	0.0013	0.00882	0.000252	0.00016	0.0000803	0.0856	0.00000233	0.000103	0.000474	0.00157	0.0000857
2065 Feb	0.000229	0.00101	0.0925	0.00000722	1.49	2.35	0.0319	0.000238	8.06	0.0013	0.00883	0.000252	0.00016	0.0000804	0.0856	0.00000233	0.000103	0.000475	0.00157	0.0000857
2065 Mar	0.00023	0.00101	0.0926	0.00000723	1.5	2.36	0.0319	0.000238	8.07	0.0013	0.00884	0.000252	0.00016	0.0000805	0.0857	0.00000234	0.000103	0.000475	0.00157	0.0000858
2065 Apr	0.000231	0.00102	0.093	0.00000726	1.5	2.37	0.0321	0.000239	8.1	0.0013	0.00888	0.000253	0.000161	0.0000808	0.0861	0.00000235	0.000103	0.000477	0.00158	0.0000862
2065 May	0.000233	0.00103	0.0942	0.00000734	1.52	2.39	0.0325	0.000241	8.17	0.00132	0.00897	0.000257	0.000162	0.0000817	0.0871	0.00000237	0.000104	0.000483	0.00159	0.0000867
2065 Jun	0.000222	0.000972	0.0891	0.00000689	1.43	2.27	0.031	0.000228	7.74	0.00125	0.00844	0.000245	0.000153	0.0000773	0.0825	0.00000223	0.0000985	0.000458	0.0015	0.0000826
2065 Jul	0.000233	0.00102	0.0935	0.00000723	1.51	2.39	0.0326	0.000239	8.15	0.00131	0.00886	0.000258	0.000161	0.0000814	0.0867	0.00000234	0.000104	0.000481	0.00157	0.0000873
2065 Aug	0.000245	0.00107	0.098	0.00000758	1.58	2.5	0.0341	0.000251	8.54	0.00137	0.00929	0.00027	0.000168	0.0000853	0.0909	0.00000245	0.000109	0.000504	0.00165	0.0000915
2065 Sep	0.00024	0.00105	0.096	0.00000742	1.55	2.45	0.0334	0.000246	8.36	0.00134	0.0091	0.000265	0.000165	0.0000835	0.089	0.0000024	0.000106	0.000494	0.00161	0.0000895
2065 Oct	0.000229	0.000999	0.092	0.0000071	1.48	2.34	0.0321	0.000234	7.94	0.00128	0.00868	0.000254	0.000157	0.0000796	0.0851	0.00000229	0.000101	0.000472	0.00154	0.0000846
2065 Nov	0.000229	0.000995	0.0917	0.00000707	1.47	2.33	0.032	0.000234	7.91	0.00128	0.00865	0.000253	0.000156	0.0000793	0.0848	0.00000228	0.000101	0.000471	0.00153	0.0000844
2065 Dec	0.000229	0.000996	0.0917	0.00000707	1.47	2.33	0.032	0.000234	7.92	0.00128	0.00865	0.000253	0.000156	0.0000793	0.0848	0.00000228	0.000101	0.000471	0.00153	0.0000844
2066 Jan	0.000229	0.000996	0.0917	0.00000707	1.47	2.33	0.032	0.000234	7.92	0.00128	0.00865	0.000253	0.000157	0.0000794	0.0848	0.00000228	0.000101	0.000471	0.00153	0.0000844
2066 Feb	0.000229	0.000996	0.0918	0.00000708	1.47	2.33	0.032	0.000234	7.92	0.00128	0.00866	0.000253	0.000157	0.0000794	0.0849	0.00000228	0.000101	0.000471	0.00153	0.0000844
2066 Mar	0.000229	0.000998	0.092	0.00000709	1.47	2.34	0.0321	0.000234	7.94	0.00128	0.00868	0.000254	0.000157	0.0000796	0.0851	0.00000228	0.000101	0.000472	0.00153	0.0000846
2066 Apr	0.00023	0.001	0.0922	0.00000711	1.48	2.34	0.0322	0.000235	7.96	0.00128	0.0087	0.000255	0.000157	0.0000798	0.0853	0.00000229	0.000101	0.000474	0.00154	0.0000848
2066 May	0.000233	0.00101	0.0933	0.00000719	1.5	2.37	0.0325	0.000238	8.05	0.0013	0.0088	0.000258	0.000159	0.0000807	0.0863	0.00000232	0.000103	0.000479	0.00156	0.0000858
2066 Jun	0.000218	0.000949	0.0872	0.00000669	1.4	2.23	0.0305	0.000223	7.58	0.00122	0.00821	0.000242	0.000149	0.0000758	0.0809	0.00000217	0.0000968	0.000448	0.00145	0.0000817
2066 Jul	0.00023	0.001	0.0916	0.00000703	1.48	2.34	0.0321	0.000235	7.99	0.00128	0.00864	0.000254	0.000156	0.0000798	0.0852	0.00000228	0.000102	0.00047	0.00152	0.0000866
2066 Aug	0.000241	0.00105	0.096	0.00000737	1.55	2.46	0.0337	0.000247	8.38	0.00134	0.00906	0.000267	0.000164	0.0000837	0.0893	0.00000239	0.000107	0.000493	0.0016	0.0000908
2066 Sep	0.000242	0.00105	0.0966	0.00000741	1.56	2.47	0.0339	0.000248	8.43	0.00135	0.00911	0.000268	0.000165	0.0000842	0.0898	0.0000024	0.000108	0.000496	0.00161	0.0000913
2066 Oct	0.000238	0.00104	0.0951	0.0000073	1.53	2.43	0.0333	0.000245	8.3	0.00133	0.00897	0.000264	0.000162	0.0000829	0.0884	0.00000237	0.000106	0.000488	0.00158	0.0000899
2066 Nov	0.000238	0.00104	0.0949	0.00000728	1.53	2.43	0.0333	0.000244	8.28	0.00133	0.00895	0.000263	0.000162	0.0000827	0.0882	0.00000236	0.000106	0.000487	0.00158	0.0000896
2066 Dec	0.000238	0.00104	0.0949	0.00000729	1.53	2.43	0.0333	0.000244	8.29	0.00133	0.00896	0.000263	0.000162	0.0000828	0.0883	0.00000236	0.000106	0.000488	0.00158	0.0000897
2067 Jan	0.000238	0.00104	0.095	0.00000729	1.53	2.43	0.0333	0.000244	8.29	0.00133	0.00896	0.000264	0.000162	0.0000828	0.0883	0.00000236	0.000106	0.000488	0.00158	0.0000897
2067 Feb	0.000238	0.00104	0.095	0.00000729	1.53	2.43	0.0333	0.000244	8.29	0.00133	0.00896	0.000264	0.000162	0.0000828	0.0884	0.00000236	0.000106	0.000488	0.00158	0.0000898
2067 Mar	0.000238	0.00104	0.0951	0.0000073	1.54	2.43	0.0333	0.000245	8.3	0.00133	0.00897	0.000264	0.000162	0.0000829	0.0885	0.00000237	0.000106	0.000488	0.00158	0.0000899
2067 Apr	0.000239	0.00104	0.0953	0.00000732	1.54	2.44	0.0334	0.000245	8.32	0.00133	0.00899	0.000265	0.000163	0.0000831	0.0887	0.00000237	0.000106	0.00049	0.00159	0.0000901

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 May	0.000243	0.00106	0.0969	0.00000743	1.56	2.48	0.034	0.000249	8.44	0.00135	0.00913	0.000269	0.000165	0.0000843	0.09	0.00000241	0.000108	0.000498	0.00161	0.0000912
2067 Jun	0.000235	0.00101	0.094	0.00000717	1.5	2.39	0.0331	0.000239	8.05	0.0013	0.00878	0.000262	0.000159	0.000081	0.0869	0.0000023	0.000103	0.000483	0.00155	0.0000863
2067 Jul	0.00025	0.00107	0.0996	0.0000076	1.59	2.53	0.0351	0.000254	8.54	0.00138	0.00931	0.000278	0.000168	0.0000859	0.0922	0.00000244	0.000109	0.000511	0.00164	0.0000916
2067 Aug	0.000257	0.00111	0.103	0.00000783	1.64	2.61	0.0361	0.000261	8.8	0.00142	0.00959	0.000286	0.000173	0.0000885	0.095	0.00000252	0.000113	0.000527	0.00169	0.0000944
2067 Sep	0.000259	0.00112	0.104	0.0000079	1.65	2.63	0.0364	0.000264	8.88	0.00143	0.00968	0.000289	0.000175	0.0000893	0.0958	0.00000254	0.000114	0.000532	0.0017	0.0000952
2067 Oct	0.000253	0.00109	0.101	0.00000772	1.61	2.57	0.0356	0.000257	8.65	0.0014	0.00945	0.000282	0.00017	0.0000871	0.0935	0.00000248	0.000111	0.000519	0.00166	0.0000926
2067 Nov	0.000253	0.00109	0.101	0.00000771	1.61	2.56	0.0355	0.000257	8.62	0.0014	0.00943	0.000282	0.00017	0.0000868	0.0933	0.00000247	0.00011	0.000518	0.00166	0.0000922
2067 Dec	0.000253	0.00109	0.101	0.00000771	1.61	2.56	0.0356	0.000257	8.63	0.0014	0.00944	0.000282	0.00017	0.0000869	0.0934	0.00000247	0.00011	0.000519	0.00166	0.0000923
2068 Jan	0.000253	0.00109	0.101	0.00000772	1.61	2.56	0.0356	0.000257	8.63	0.0014	0.00944	0.000282	0.00017	0.0000869	0.0934	0.00000247	0.00011	0.000519	0.00166	0.0000923
2068 Feb	0.000253	0.00109	0.101	0.00000772	1.61	2.57	0.0356	0.000257	8.63	0.0014	0.00944	0.000282	0.00017	0.000087	0.0935	0.00000247	0.000111	0.000519	0.00166	0.0000923
2068 Mar	0.000254	0.00109	0.101	0.00000773	1.61	2.57	0.0356	0.000258	8.65	0.0014	0.00946	0.000283	0.000171	0.0000871	0.0937	0.00000248	0.000111	0.00052	0.00166	0.0000925
2068 Apr	0.000256	0.0011	0.102	0.0000078	1.63	2.59	0.0359	0.00026	8.72	0.00141	0.00954	0.000285	0.000172	0.0000878	0.0944	0.0000025	0.000112	0.000524	0.00168	0.0000933
2068 May	0.000259	0.00111	0.103	0.00000787	1.64	2.62	0.0364	0.000262	8.78	0.00142	0.00963	0.000288	0.000173	0.0000886	0.0954	0.00000252	0.000112	0.00053	0.00169	0.0000937
2068 Jun	0.000232	0.000987	0.0923	0.00000697	1.46	2.34	0.0327	0.000234	7.85	0.00127	0.00855	0.00026	0.000154	0.0000793	0.0854	0.00000223	0.000101	0.000474	0.0015	0.0000845
2068 Jul	0.00024	0.00102	0.0953	0.00000719	1.51	2.42	0.0338	0.000242	8.11	0.00131	0.00882	0.000269	0.000159	0.0000819	0.0881	0.0000023	0.000104	0.000489	0.00154	0.0000875
2068 Aug	0.000253	0.00108	0.101	0.0000076	1.6	2.56	0.0357	0.000255	8.57	0.00139	0.00932	0.000284	0.000168	0.0000865	0.0932	0.00000244	0.00011	0.000517	0.00163	0.0000924
2068 Sep	0.000254	0.00108	0.101	0.00000762	1.6	2.56	0.0358	0.000256	8.59	0.00139	0.00935	0.000285	0.000168	0.0000867	0.0934	0.00000244	0.00011	0.000518	0.00164	0.0000926
2068 Oct	0.000255	0.00108	0.101	0.00000764	1.61	2.57	0.0359	0.000257	8.62	0.00139	0.00937	0.000285	0.000169	0.0000869	0.0936	0.00000245	0.000111	0.000519	0.00164	0.0000929
2068 Nov	0.000256	0.00109	0.102	0.00000767	1.61	2.58	0.036	0.000258	8.65	0.0014	0.00941	0.000286	0.000169	0.0000873	0.094	0.00000246	0.000111	0.000521	0.00165	0.0000932
2068 Dec	0.000256	0.00109	0.102	0.00000768	1.61	2.58	0.0361	0.000258	8.65	0.0014	0.00941	0.000286	0.00017	0.0000873	0.094	0.00000246	0.000111	0.000522	0.00165	0.0000933
2069 Jan	0.000256	0.00109	0.102	0.00000768	1.61	2.58	0.0361	0.000258	8.65	0.0014	0.00941	0.000286	0.00017	0.0000873	0.094	0.00000246	0.000111	0.000522	0.00165	0.0000933
2069 Feb	0.000256	0.00109	0.102	0.00000768	1.61	2.58	0.0361	0.000258	8.66	0.0014	0.00942	0.000287	0.00017	0.0000873	0.0941	0.00000246	0.000111	0.000522	0.00165	0.0000933
2069 Mar	0.000256	0.00109	0.102	0.00000768	1.61	2.58	0.0361	0.000258	8.66	0.0014	0.00942	0.000287	0.00017	0.0000874	0.0941	0.00000246	0.000111	0.000522	0.00165	0.0000933
2069 Apr	0.000256	0.00109	0.102	0.0000077	1.62	2.59	0.0362	0.000259	8.67	0.0014	0.00944	0.000287	0.00017	0.0000875	0.0943	0.00000246	0.000111	0.000523	0.00165	0.0000935
2069 May	0.000261	0.00111	0.104	0.00000785	1.65	2.64	0.0369	0.000264	8.84	0.00143	0.00962	0.000293	0.000173	0.0000892	0.0961	0.00000251	0.000113	0.000533	0.00168	0.0000953
2069 Jun	0.000252	0.00107	0.1	0.00000757	1.58	2.54	0.0357	0.000253	8.44	0.00137	0.00925	0.000284	0.000167	0.0000857	0.0926	0.00000241	0.000109	0.000516	0.00162	0.0000904
2069 Jul	0.000261	0.0011	0.104	0.00000783	1.64	2.63	0.037	0.000262	8.75	0.00142	0.00958	0.000294	0.000173	0.0000887	0.0959	0.00000249	0.000112	0.000534	0.00168	0.0000938
2069 Aug	0.00027	0.00114	0.107	0.00000809	1.69	2.71	0.0382	0.000271	9.03	0.00147	0.0099	0.000304	0.000178	0.0000916	0.099	0.00000257	0.000116	0.000552	0.00173	0.0000969
2069 Sep	0.000264	0.00111	0.105	0.00000792	1.65	2.65	0.0374	0.000265	8.82	0.00144	0.00968	0.000297	0.000174	0.0000895	0.0968	0.00000251	0.000113	0.00054	0.00169	0.0000945
2069 Oct	0.000253	0.00107	0.101	0.0000076	1.58	2.54	0.0358	0.000254	8.44	0.00138	0.00928	0.000285	0.000167	0.0000858	0.0928	0.00000241	0.000109	0.000518	0.00162	0.0000904
2069 Nov	0.000253	0.00107	0.101	0.00000758	1.58	2.54	0.0358	0.000254	8.43	0.00137	0.00926	0.000284	0.000167	0.0000856	0.0926	0.0000024	0.000109	0.000516	0.00162	0.0000903
2069 Dec	0.000253	0.00107	0.101	0.00000759	1.58	2.54	0.0358	0.000254	8.43	0.00137	0.00926	0.000284	0.000167	0.0000856	0.0927	0.0000024	0.000109	0.000516	0.00162	0.0000903
2070 Jan	0.000253	0.00107	0.101	0.00000759	1.58	2.54	0.0358	0.000254	8.43	0.00137	0.00926	0.000284	0.000167	0.0000856	0.0927	0.0000024	0.000109	0.000517	0.00162	0.0000903
2070 Feb	0.000253	0.00107	0.101	0.00000759	1.58	2.54	0.0358	0.000254	8.43	0.00137	0.00926	0.000284	0.000167	0.0000856	0.0927	0.0000024	0.000109	0.000517	0.00162	0.0000903
2070 Mar	0.000253	0.00107	0.101	0.00000759	1.58	2.54	0.0358	0.000254	8.44	0.00137	0.00927	0.000285	0.000167	0.0000857	0.0928	0.00000241	0.000109	0.000517	0.00162	0.0000904
2070 Apr	0.000254	0.00107	0.101	0.00000762	1.59	2.55	0.0359	0.000255	8.47	0.00138	0.00931	0.000286	0.000168	0.0000861	0.0931	0.00000242	0.000109	0.000519	0.00163	0.0000908
2070 May	0.000257	0.00108	0.102	0.0000077	1.6	2.58	0.0363	0.000257	8.55	0.00139	0.0094	0.000289	0.000169	0.0000869	0.0941	0.00000244	0.00011	0.000524	0.00164	0.0000917
2070 Jun	0.000247	0.00104	0.0982	0.00000739	1.54	2.48	0.0349	0.000248	8.24	0.00134	0.00903	0.000277	0.000162	0.0000837	0.0905	0.00000234	0.000106	0.000503	0.00158	0.000089
2070 Jul	0.000258	0.00109	0.103	0.00000773	1.62	2.59	0.0365	0.00026	8.62	0.0014	0.00944	0.00029	0.00017	0.0000875	0.0947	0.00000245	0.000111	0.000526	0.00165	0.0000931
2070 Aug	0.000268	0.00113	0.107	0.00000803	1.68	2.7	0.0379	0.00027	8.96	0.00146	0.00982	0.000301	0.000177	0.0000909	0.0984	0.00000255	0.000116	0.000547	0.00171	0.0000967
2070 Sep	0.000263	0.00111	0.105	0.00000788	1.65	2.64	0.0372	0.000265	8.78	0.00143	0.00963	0.000296	0.000173	0.0000891	0.0965	0.0000025	0.000113	0.000537	0.00168	0.0000946
2070 Oct	0.000257	0.00108	0.103	0.00000771	1.61	2.58	0.0364	0.000259	8.56	0.0014	0.00941	0.00029	0.000169	0.000087	0.0943	0.00000244	0.00011	0.000525	0.00164	0.000092
2070 Nov	0.000257	0.00108	0.102	0.00000771	1.61	2.58	0.0364	0.000259	8.55	0.0014	0.0094	0.000289	0.000169	0.0000869	0.0943	0.00000243	0.00011	0.000525	0.00164	0.0000919
2070 Dec	0.000257	0.00108	0.102	0.00000771	1.61	2.58	0.0364	0.000259	8.55	0.0014	0.00941	0.000289	0.000169	0.000087	0.0943	0.00000243	0.00011	0.000525	0.00164	0.0000919
2071 Jan	0.000257	0.00108	0.102	0.00000771	1.61	2.58	0.0364	0.000259	8.55	0.0014	0.00941	0.000289	0.000169	0.000087	0.0943	0.00000243	0.00011	0.000525	0.00164	0.0000919
2071 Feb	0.000257	0.00108	0.102	0.00000771	1.61	2.58	0.0364	0.000259	8.55	0.0014	0.00941	0.000289	0.000169	0.000087	0.0943	0.00000244	0.00011	0.000525	0.00164	0.0000919
2071 Mar	0.000257	0.00108	0.103	0.00000771	1.61	2.58	0.0364	0.000259	8.55	0.0014	0.00941	0.000289	0.000169	0.000087	0.0943	0.00000244	0.00011	0.000525	0.00164	0.0000919
2071 Apr	0.000258	0.00108	0.103	0.00000772	1.61	2.59	0.0365	0.000259	8.57	0.0014	0.00943	0.00029	0.000169	0.0000871	0.0945	0.00000244	0.000111	0.000526	0.00164	0.0000921
2071 May	0.000257	0.00108	0.103	0.00000771	1.61	2.58	0.0364	0.000259	8.55	0.0014	0.00941	0.00029	0.000169	0.000087	0.0943	0.00000243	0.00011	0.000525	0.00164	0.000092
2071 Jun	0.000241	0.00101	0.0957	0.00000717	1.5	2.42	0.0341	0.000243	8.04	0.00131	0.00878	0.000271	0.000158	0.0000815	0.0883	0.00000227	0.000104	0.00049	0.00153	0.0000874
2071 Jul	0.000247	0.00104	0.0981	0.00000735	1.54	2.48	0.035	0.00025	8.26	0.00134	0.009	0.000278	0.000162	0.0000837	0.0906	0.00000233	0.000107	0.000502	0.00156	0.0000901
2071 Aug	0.000257	0.00108	0.102	0.00000766	1.61	2.59	0.0364	0.00026	8.6	0.0014	0.00938	0.000289	0.000168	0.0000872	0.0944	0.00000243	0.000111	0.000523	0.00163	0.0000938
2071 Sep	0.000255	0.00107	0.101	0.00000757	1.59	2.56	0.036	0.000257	8.5	0.00138	0.00927	0.000286	0.000166	0.0000862	0.0933	0.0000024	0.00011	0.000517	0.00161	0.0000928
2071 Oct	0.000252	0.00106	0.0999	0.00000748	1.57	2.53	0.0356	0.000254	8.39	0.00136	0.00916	0.000283	0.000164	0.0000851	0.0922	0.00000237	0.000109	0.000511	0.00159	0.0000913
2071 Nov	0.000251	0.00106	0.0999	0.00000748	1.57	2.52	0.0356	0.000254	8.36	0.00136	0.00915	0.000283	0.000164	0.000085	0.0921	0.00000237	0.000108	0.000511	0.00159	0.0000909
2071 Dec	0.000251	0.00106	0.0999	0.00000748	1.57	2.52	0.0356	0.000254	8.37	0.00136	0.00915	0.000283	0.000164	0.000085	0.0921	0.00000237	0.000108	0.000511	0.00159	0.0000909
2072 Jan	0.000251	0.00106	0.0999	0.00000748	1.57	2.52	0.0356	0.000254	8.37	0.00136	0.00915	0.000283	0.000164	0.000085	0.0921	0.00000237	0.000108	0.000511	0.00159	0.0000909
2072 Feb	0.000252	0.00106	0.0999	0.00000748	1.57	2.52	0.0356	0.000254	8.37	0.00136	0.00915	0.000283	0.000164	0.000085	0.0921	0.00000237	0.000108	0.000511	0.00159	0.000091
2072 Mar	0.000252	0.00106	0.0999	0.00000748	1.57	2.52	0.0356	0.000254	8.37	0.00136	0.00915	0.000283	0.000164	0.000085	0.0922	0.00000237	0.000108	0.000511	0.00159	0.000091
2072 Apr	0.000252	0.00106	0.1	0.00000751	1.57	2.53	0.0358	0.000255	8.4	0.00137	0.00918	0.000284	0.000165	0.0000853	0.0925	0.00000238	0.000109	0.000513	0.0016	0.0000913
2072 May	0.000257	0.00108	0.102	0.00000763	1.6	2.57	0.0363	0.000259	8.53	0.00139	0.00934	0.000289	0.000167	0.0000867	0.094	0.00000242	0.000111	0.000521	0.00162	0.0000928
2072 Jun	0.000252	0.00106	0.1	0.00000752	1.57	2.53	0.0358	0.000255	8.38	0.00137	0.00918	0.000284	0.000165	0.0000852	0.0925	0.00000237	0.000109	0.000513	0.00159	0.000091
2072 Jul	0.000257	0.00108	0.102	0.00000765	1.6	2.58	0.0364	0.00026	8.52	0.00139	0.00935	0.000289	0.000167	0.0000867	0.0941	0.00000241	0.000111	0.000522	0.00162	0.0000927
2072 Aug	0.000256	0.00107	0.102	0.00000763	1.59	2.57	0.0363	0.000259	8.49	0.00139	0.00932	0.000288	0.000167	0.0000864	0.0938	0.00000241	0.00011	0.00052	0.00162	0.0000924
2072 Sep	0.000252	0.00106	0.1	0.00000754	1.57	2.53	0.0358	0.000256	8.38	0.00137	0.0092	0.000284	0.000165	0.0000853	0.0926	0.00000238	0.000109	0.000513	0.0016	0.0000914
2072 Oct	0.000244	0.00103	0.0969	0.00000729	1.52	2.45	0.0345	0.000248	8.13	0.00133	0.0089	0.000274	0.000159	0.0000826	0.0895	0.0000023	0.000106	0.000495	0.00154	0.0000891
2072 Nov	0.000243	0.00102	0.0966	0.00000727	1.52	2.44	0.0344	0.000248	8.11	0.00132	0.00888	0.000273	0.000159	0.0000823	0.0892	0.00000229	0.000106	0.000493	0.00154	0.000089

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2072 Dec	0.000243	0.00102	0.0966	0.00000727	1.52	2.44	0.0344	0.000248	8.11	0.00132	0.00888	0.000273	0.000159	0.0000823	0.0893	0.00000229	0.000106	0.000493	0.00154	0.000089
2073 Jan	0.000243	0.00102	0.0967	0.00000727	1.52	2.44	0.0344	0.000248	8.11	0.00132	0.00888	0.000273	0.000159	0.0000823	0.0893	0.0000023	0.000106	0.000493	0.00154	0.000089
2073 Feb	0.000243	0.00102	0.0967	0.00000727	1.52	2.44	0.0344	0.000248	8.11	0.00132	0.00888	0.000273	0.000159	0.0000824	0.0893	0.0000023	0.000106	0.000494	0.00154	0.000089
2073 Mar	0.000243	0.00102	0.0967	0.00000727	1.52	2.45	0.0344	0.000248	8.12	0.00132	0.00888	0.000273	0.000159	0.0000824	0.0893	0.0000023	0.000106	0.000494	0.00154	0.000089
2073 Apr	0.000245	0.00103	0.0974	0.00000732	1.53	2.46	0.0346	0.00025	8.17	0.00133	0.00894	0.000275	0.00016	0.000083	0.0899	0.00000231	0.000107	0.000497	0.00155	0.0000896
2073 May	0.000245	0.00103	0.0975	0.00000733	1.53	2.47	0.0347	0.00025	8.18	0.00133	0.00895	0.000275	0.00016	0.000083	0.09	0.00000231	0.000107	0.000497	0.00155	0.0000898
2073 Jun	0.000234	0.000989	0.0931	0.00000701	1.47	2.36	0.0331	0.000241	7.86	0.00128	0.00856	0.000262	0.000153	0.0000796	0.0862	0.00000222	0.000103	0.000474	0.00148	0.000087
2073 Jul	0.00024	0.00102	0.0955	0.00000719	1.51	2.43	0.034	0.000248	8.09	0.00131	0.0088	0.000269	0.000157	0.0000819	0.0886	0.00000228	0.000106	0.000487	0.00152	0.0000898
2073 Aug	0.000249	0.00105	0.0989	0.00000745	1.57	2.51	0.0352	0.000257	8.38	0.00136	0.00911	0.000279	0.000163	0.0000848	0.0917	0.00000236	0.00011	0.000504	0.00158	0.000093
2073 Sep	0.000248	0.00105	0.0983	0.0000074	1.56	2.5	0.035	0.000255	8.33	0.00135	0.00906	0.000277	0.000162	0.0000843	0.0912	0.00000235	0.000109	0.000501	0.00157	0.0000925
2073 Oct	0.000242	0.00102	0.0964	0.00000726	1.52	2.44	0.0343	0.00025	8.13	0.00132	0.00887	0.000271	0.000158	0.0000824	0.0892	0.00000229	0.000106	0.000491	0.00153	0.0000899
2073 Nov	0.000242	0.00102	0.0961	0.00000724	1.51	2.43	0.0342	0.000249	8.09	0.00132	0.00884	0.000271	0.000158	0.000082	0.0889	0.00000228	0.000106	0.00049	0.00153	0.0000893
2073 Dec	0.000242	0.00102	0.0962	0.00000724	1.52	2.44	0.0342	0.000249	8.09	0.00132	0.00884	0.000271	0.000158	0.0000821	0.089	0.00000228	0.000106	0.00049	0.00153	0.0000894
2074 Jan	0.000242	0.00102	0.0962	0.00000724	1.52	2.44	0.0342	0.000249	8.09	0.00132	0.00884	0.000271	0.000158	0.0000821	0.089	0.00000228	0.000106	0.00049	0.00153	0.0000894
2074 Feb	0.000242	0.00102	0.0962	0.00000724	1.52	2.44	0.0342	0.000249	8.09	0.00132	0.00884	0.000271	0.000158	0.0000821	0.089	0.00000228	0.000106	0.00049	0.00153	0.0000894
2074 Mar	0.000242	0.00102	0.0963	0.00000725	1.52	2.44	0.0342	0.000249	8.1	0.00132	0.00885	0.000271	0.000158	0.0000821	0.0891	0.00000229	0.000106	0.00049	0.00153	0.0000894
2074 Apr	0.000243	0.00103	0.0968	0.00000729	1.53	2.45	0.0344	0.000251	8.14	0.00133	0.0089	0.000273	0.000159	0.0000826	0.0896	0.0000023	0.000107	0.000493	0.00154	0.00009
2074 May	0.000243	0.00103	0.0968	0.00000728	1.53	2.45	0.0344	0.000251	8.15	0.00133	0.00889	0.000273	0.000159	0.0000826	0.0896	0.0000023	0.000107	0.000493	0.00154	0.0000901
2074 Jun	0.000226	0.000954	0.0896	0.00000672	1.42	2.28	0.032	0.000234	7.61	0.00123	0.00823	0.000253	0.000147	0.000077	0.0833	0.00000213	0.0000999	0.000456	0.00142	0.0000853
2074 Jul	0.000237	0.001	0.094	0.00000704	1.49	2.39	0.0336	0.000245	7.99	0.00129	0.00863	0.000266	0.000154	0.0000808	0.0874	0.00000223	0.000105	0.000478	0.00149	0.0000897
2074 Aug	0.000251	0.00106	0.0992	0.00000743	1.57	2.53	0.0354	0.000259	8.43	0.00137	0.00911	0.000281	0.000162	0.0000852	0.0922	0.00000236	0.000111	0.000505	0.00157	0.0000947
2074 Sep	0.000247	0.00104	0.0977	0.00000733	1.55	2.49	0.0349	0.000255	8.3	0.00135	0.00897	0.000276	0.00016	0.000084	0.0909	0.00000232	0.000109	0.000497	0.00155	0.0000932
2074 Oct	0.000244	0.00103	0.0966	0.00000724	1.53	2.46	0.0345	0.000252	8.21	0.00133	0.00887	0.000273	0.000158	0.000083	0.0898	0.0000023	0.000108	0.000492	0.00153	0.0000922
2074 Nov	0.000244	0.00103	0.0967	0.00000725	1.53	2.46	0.0345	0.000253	8.22	0.00133	0.00888	0.000273	0.000158	0.0000831	0.0899	0.0000023	0.000108	0.000492	0.00153	0.0000922
2074 Dec	0.000244	0.00103	0.0967	0.00000725	1.53	2.47	0.0346	0.000253	8.22	0.00133	0.00889	0.000273	0.000158	0.0000831	0.09	0.0000023	0.000108	0.000492	0.00153	0.0000923
2075 Jan	0.000244	0.00103	0.0967	0.00000725	1.53	2.47	0.0346	0.000253	8.22	0.00133	0.00889	0.000274	0.000158	0.0000831	0.09	0.0000023	0.000108	0.000492	0.00153	0.0000923
2075 Feb	0.000244	0.00103	0.0968	0.00000726	1.53	2.47	0.0346	0.000253	8.22	0.00133	0.00889	0.000274	0.000158	0.0000832	0.09	0.0000023	0.000108	0.000492	0.00153	0.0000923
2075 Mar	0.000245	0.00103	0.0969	0.00000726	1.54	2.47	0.0346	0.000253	8.23	0.00133	0.0089	0.000274	0.000159	0.0000832	0.0901	0.0000023	0.000108	0.000493	0.00153	0.0000924
2075 Apr	0.000246	0.00104	0.0974	0.0000073	1.54	2.48	0.0348	0.000254	8.28	0.00134	0.00895	0.000275	0.000159	0.0000837	0.0906	0.00000232	0.000109	0.000496	0.00154	0.0000929
2075 May	0.000249	0.00105	0.0987	0.0000074	1.57	2.52	0.0353	0.000258	8.39	0.00136	0.00907	0.000279	0.000162	0.0000849	0.0918	0.00000235	0.00011	0.000502	0.00156	0.0000942
2075 Jun	0.000238	0.001	0.0944	0.00000707	1.49	2.4	0.0337	0.000246	7.95	0.00129	0.00864	0.000267	0.000154	0.0000807	0.0875	0.00000223	0.000105	0.00048	0.00149	0.0000891
2075 Jul	0.000239	0.00101	0.0948	0.00000711	1.5	2.41	0.0339	0.000247	8.01	0.0013	0.00869	0.000268	0.000155	0.0000812	0.088	0.00000224	0.000106	0.000482	0.0015	0.0000901
2075 Aug	0.000246	0.00103	0.0975	0.00000731	1.54	2.48	0.0348	0.000254	8.23	0.00134	0.00893	0.000276	0.000159	0.0000835	0.0905	0.00000231	0.000108	0.000496	0.00154	0.0000926
2075 Sep	0.000249	0.00105	0.0988	0.0000074	1.56	2.51	0.0353	0.000258	8.34	0.00136	0.00905	0.000279	0.000161	0.0000846	0.0917	0.00000234	0.00011	0.000502	0.00156	0.0000938
2075 Oct	0.000248	0.00104	0.0982	0.00000737	1.55	2.5	0.0351	0.000256	8.3	0.00135	0.009	0.000278	0.000161	0.0000841	0.0912	0.00000232	0.000109	0.0005	0.00155	0.0000933
2075 Nov	0.000248	0.00104	0.0985	0.00000738	1.56	2.5	0.0352	0.000257	8.32	0.00135	0.00903	0.000278	0.000161	0.0000843	0.0914	0.00000233	0.00011	0.000501	0.00155	0.0000935
2075 Dec	0.000249	0.00105	0.0985	0.00000739	1.56	2.5	0.0352	0.000257	8.32	0.00135	0.00903	0.000278	0.000161	0.0000844	0.0915	0.00000233	0.00011	0.000501	0.00156	0.0000936
2076 Jan	0.000249	0.00105	0.0985	0.00000739	1.56	2.5	0.0352	0.000257	8.32	0.00135	0.00903	0.000279	0.000161	0.0000844	0.0915	0.00000233	0.00011	0.000501	0.00156	0.0000936
2076 Feb	0.000249	0.00105	0.0986	0.00000739	1.56	2.51	0.0352	0.000257	8.33	0.00135	0.00904	0.000279	0.000161	0.0000844	0.0915	0.00000233	0.00011	0.000501	0.00156	0.0000936
2076 Mar	0.000249	0.00105	0.0987	0.0000074	1.56	2.51	0.0353	0.000258	8.34	0.00136	0.00904	0.000279	0.000161	0.0000845	0.0916	0.00000233	0.00011	0.000502	0.00156	0.0000937
2076 Apr	0.00025	0.00105	0.099	0.00000742	1.56	2.52	0.0354	0.000258	8.36	0.00136	0.00907	0.00028	0.000162	0.0000848	0.0919	0.00000234	0.00011	0.000504	0.00156	0.000094
2076 May	0.000253	0.00106	0.1	0.00000752	1.58	2.55	0.0359	0.000261	8.45	0.00138	0.00919	0.000284	0.000164	0.0000858	0.0931	0.00000237	0.000111	0.000511	0.00158	0.0000947
2076 Jun	0.000239	0.000998	0.0948	0.00000709	1.49	2.4	0.034	0.000246	7.93	0.0013	0.00864	0.000269	0.000154	0.0000808	0.0878	0.00000222	0.000105	0.000483	0.00149	0.000089
2076 Jul	0.000245	0.00102	0.0971	0.00000726	1.53	2.46	0.0348	0.000252	8.15	0.00133	0.00886	0.000275	0.000158	0.0000829	0.09	0.00000228	0.000108	0.000495	0.00153	0.0000918
2076 Aug	0.000256	0.00107	0.102	0.0000076	1.6	2.58	0.0364	0.000264	8.53	0.00139	0.00927	0.000288	0.000166	0.0000868	0.0942	0.00000239	0.000113	0.000518	0.0016	0.0000961
2076 Sep	0.00026	0.00109	0.103	0.0000077	1.62	2.61	0.0369	0.000267	8.64	0.00141	0.00939	0.000292	0.000168	0.0000879	0.0954	0.00000242	0.000114	0.000524	0.00162	0.0000973
2076 Oct	0.000255	0.00107	0.101	0.00000755	1.59	2.56	0.0362	0.000262	8.47	0.00138	0.00921	0.000286	0.000165	0.0000862	0.0936	0.00000237	0.000112	0.000514	0.00159	0.0000954
2076 Nov	0.000254	0.00106	0.101	0.00000753	1.58	2.55	0.0361	0.000262	8.45	0.00138	0.00919	0.000286	0.000164	0.000086	0.0934	0.00000237	0.000112	0.000513	0.00158	0.0000952
2076 Dec	0.000254	0.00106	0.101	0.00000753	1.59	2.56	0.0361	0.000262	8.46	0.00138	0.0092	0.000286	0.000164	0.000086	0.0934	0.00000237	0.000112	0.000513	0.00158	0.0000953
2077 Jan	0.000254	0.00106	0.101	0.00000754	1.59	2.56	0.0361	0.000262	8.46	0.00138	0.0092	0.000286	0.000164	0.000086	0.0934	0.00000237	0.000112	0.000513	0.00158	0.0000953
2077 Feb	0.000254	0.00106	0.101	0.00000754	1.59	2.56	0.0361	0.000262	8.46	0.00138	0.0092	0.000286	0.000164	0.000086	0.0934	0.00000237	0.000112	0.000513	0.00158	0.0000953
2077 Mar	0.000254	0.00106	0.101	0.00000754	1.59	2.56	0.0361	0.000262	8.46	0.00138	0.0092	0.000286	0.000164	0.0000861	0.0935	0.00000237	0.000112	0.000513	0.00158	0.0000953
2077 Apr	0.000255	0.00107	0.101	0.00000757	1.59	2.57	0.0363	0.000263	8.49	0.00139	0.00924	0.000287	0.000165	0.0000864	0.0938	0.00000238	0.000112	0.000515	0.00159	0.0000957
2077 May	0.000258	0.00107	0.102	0.00000763	1.6	2.59	0.0366	0.000265	8.54	0.0014	0.0093	0.00029	0.000166	0.000087	0.0945	0.00000239	0.000113	0.00052	0.0016	0.000096
2077 Jun	0.000244	0.00101	0.0966	0.00000719	1.51	2.44	0.0347	0.000249	8.03	0.00132	0.00876	0.000275	0.000157	0.000082	0.0893	0.00000225	0.000106	0.000492	0.00151	0.0000902
2077 Jul	0.000256	0.00106	0.101	0.00000755	1.58	2.56	0.0365	0.000261	8.42	0.00138	0.0092	0.000289	0.000164	0.0000861	0.0938	0.00000236	0.000111	0.000517	0.00158	0.0000945
2077 Aug	0.000268	0.00111	0.106	0.00000791	1.66	2.68	0.0382	0.000274	8.82	0.00145	0.00964	0.000303	0.000172	0.0000902	0.0982	0.00000247	0.000117	0.000542	0.00166	0.0000991
2077 Sep	0.00026	0.00108	0.103	0.00000768	1.61	2.6	0.0371	0.000266	8.55	0.0014	0.00935	0.000294	0.000167	0.0000875	0.0953	0.0000024	0.000113	0.000526	0.00161	0.0000959
2077 Oct	0.000259	0.00107	0.103	0.00000765	1.6	2.59	0.037	0.000265	8.5	0.0014	0.00931	0.000293	0.000166	0.000087	0.0949	0.00000238	0.000112	0.000524	0.0016	0.000095
2077 Nov	0.00026	0.00108	0.103	0.00000768	1.61	2.6	0.0371	0.000265	8.52	0.0014	0.00934	0.000294	0.000167	0.0000872	0.0952	0.00000239	0.000113	0.000526	0.0016	0.0000953
2077 Dec	0.00026	0.00108	0.103	0.00000768	1.61	2.6	0.0371	0.000265	8.52	0.0014	0.00934	0.000294	0.000167	0.0000873	0.0953	0.00000239	0.000113	0.000526	0.00161	0.0000953
2078 Jan	0.00026	0.00108	0.103	0.00000768	1.61	2.6	0.0371	0.000265	8.53	0.0014	0.00934	0.000294	0.000167	0.0000873	0.0953	0.00000239	0.000113	0.000526	0.00161	0.0000953
2078 Feb	0.00026	0.00108	0.103	0.00000768	1.61	2.6	0.0371	0.000265	8.53	0.0014	0.00935	0.000294	0.000167	0.0000873	0.0953	0.00000239	0.000113	0.000526	0.00161	0.0000953
2078 Mar	0.00026	0.00108	0.103	0.00000769	1.61	2.6	0.0371	0.000266	8.53	0.0014	0.00935	0.000294	0.000167	0.0000874	0.0953	0.00000239	0.000113	0.000526	0.00161	0.0000954
2078 Apr	0.000262	0.00108	0.104	0.00000774	1.62	2.62	0.0374	0.000267	8.59	0.00141	0.00941	0.000296	0.000168	0.0000879	0.096	0.00000241	0.000114	0.00053	0.00162	0.000096
2078 May	0.00026	0.00107	0.103	0.00000767	1.6	2.6	0.0372	0.000265	8.5	0.0014	0.00932	0.000295	0.000167	0.0000872	0.0952	0.00000238	0.000113	0.000526	0.0016	0.0000951
2078 Jun	0.000244	0.001	0.0964	0.00000713	1.5	2.44	0.0349	0.000247	7.98	0.00131	0.00869	0.000277	0.000156	0.0000818	0.0892	0.00000222	0.000106	0.000492	0.00149	0.0000902

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Jul	0.000256	0.00105	0.101	0.00000748	1.58	2.56	0.0366	0.00026	8.38	0.00137	0.00912	0.00029	0.000164	0.0000858	0.0936	0.00000233	0.000111	0.000517	0.00157	0.0000948
2078 Aug	0.000263	0.00108	0.104	0.00000768	1.62	2.63	0.0376	0.000267	8.61	0.00141	0.00936	0.000298	0.000168	0.0000882	0.0961	0.0000024	0.000114	0.000531	0.00161	0.0000974
2078 Sep	0.000266	0.0011	0.105	0.00000777	1.64	2.66	0.0381	0.00027	8.71	0.00143	0.00947	0.000302	0.00017	0.0000892	0.0973	0.00000243	0.000115	0.000537	0.00163	0.0000985
2078 Oct	0.000264	0.00109	0.104	0.00000772	1.63	2.64	0.0378	0.000268	8.64	0.00142	0.0094	0.0003	0.000169	0.0000885	0.0965	0.00000241	0.000115	0.000533	0.00161	0.0000978
2078 Nov	0.000264	0.00109	0.104	0.00000772	1.63	2.64	0.0378	0.000268	8.65	0.00142	0.00941	0.0003	0.000169	0.0000886	0.0966	0.00000241	0.000115	0.000533	0.00162	0.0000978
2078 Dec	0.000265	0.00109	0.104	0.00000772	1.63	2.64	0.0378	0.000268	8.65	0.00142	0.00941	0.0003	0.000169	0.0000886	0.0966	0.00000241	0.000115	0.000533	0.00162	0.0000978
2079 Jan	0.000265	0.00109	0.104	0.00000772	1.63	2.64	0.0378	0.000268	8.65	0.00142	0.00941	0.0003	0.000169	0.0000886	0.0966	0.00000241	0.000115	0.000533	0.00162	0.0000978
2079 Feb	0.000265	0.00109	0.104	0.00000772	1.63	2.64	0.0378	0.000268	8.65	0.00142	0.00941	0.0003	0.000169	0.0000886	0.0966	0.00000241	0.000115	0.000533	0.00162	0.0000978
2079 Mar	0.000265	0.00109	0.105	0.00000773	1.63	2.64	0.0378	0.000268	8.66	0.00142	0.00942	0.0003	0.000169	0.0000887	0.0967	0.00000241	0.000115	0.000534	0.00162	0.0000979
2079 Apr	0.000266	0.00109	0.105	0.00000776	1.64	2.65	0.038	0.000269	8.69	0.00143	0.00946	0.000301	0.00017	0.000089	0.0971	0.00000242	0.000115	0.000536	0.00162	0.0000983
2079 May	0.00027	0.00111	0.107	0.00000789	1.66	2.7	0.0386	0.000274	8.83	0.00145	0.00961	0.000306	0.000172	0.0000905	0.0986	0.00000246	0.000117	0.000544	0.00165	0.0000999
2079 Jun	0.000255	0.00104	0.101	0.00000742	1.56	2.54	0.0366	0.000256	8.25	0.00136	0.00902	0.000291	0.000162	0.0000849	0.0929	0.0000023	0.000109	0.000515	0.00155	0.0000928
2079 Jul	0.000258	0.00105	0.102	0.00000748	1.58	2.56	0.037	0.000259	8.34	0.00137	0.0091	0.000294	0.000164	0.0000859	0.0939	0.00000232	0.000111	0.00052	0.00156	0.0000942
2079 Aug	0.000269	0.00109	0.106	0.00000779	1.64	2.67	0.0385	0.000269	8.68	0.00143	0.00948	0.000306	0.00017	0.0000894	0.0977	0.00000242	0.000115	0.000542	0.00163	0.000098
2079 Sep	0.000267	0.00109	0.105	0.00000774	1.63	2.65	0.0382	0.000267	8.62	0.00142	0.00941	0.000304	0.000169	0.0000887	0.097	0.0000024	0.000114	0.000538	0.00162	0.0000973
2079 Oct	0.000264	0.00108	0.104	0.00000767	1.61	2.62	0.0379	0.000265	8.52	0.00141	0.00932	0.000302	0.000168	0.0000878	0.0961	0.00000238	0.000113	0.000534	0.0016	0.0000959
2079 Nov	0.000264	0.00107	0.104	0.00000766	1.61	2.61	0.0379	0.000264	8.48	0.0014	0.0093	0.000301	0.000167	0.0000875	0.0959	0.00000237	0.000113	0.000532	0.00159	0.0000953
2079 Dec	0.000263	0.00107	0.104	0.00000764	1.6	2.61	0.0378	0.000263	8.46	0.0014	0.00928	0.0003	0.000167	0.0000873	0.0956	0.00000236	0.000112	0.000531	0.00159	0.000095
2080 Jan	0.000263	0.00107	0.104	0.00000764	1.6	2.61	0.0378	0.000263	8.46	0.0014	0.00928	0.0003	0.000167	0.0000873	0.0956	0.00000236	0.000112	0.000531	0.00159	0.000095
2080 Feb	0.000263	0.00107	0.104	0.00000764	1.6	2.61	0.0378	0.000263	8.46	0.0014	0.00928	0.0003	0.000167	0.0000873	0.0957	0.00000236	0.000112	0.000531	0.00159	0.000095
2080 Mar	0.000263	0.00107	0.104	0.00000764	1.6	2.61	0.0378	0.000263	8.46	0.0014	0.00928	0.0003	0.000167	0.0000873	0.0957	0.00000236	0.000112	0.000531	0.00159	0.000095
2080 Apr	0.000264	0.00107	0.104	0.00000766	1.61	2.62	0.0379	0.000264	8.48	0.0014	0.0093	0.000301	0.000167	0.0000876	0.0959	0.00000237	0.000113	0.000533	0.0016	0.0000953
2080 May	0.000268	0.00109	0.106	0.00000779	1.63	2.66	0.0385	0.000268	8.63	0.00142	0.00946	0.000306	0.00017	0.000089	0.0976	0.00000241	0.000115	0.000542	0.00162	0.0000969
2080 Jun	0.00026	0.00106	0.103	0.00000757	1.59	2.58	0.0374	0.000261	8.39	0.00139	0.00919	0.000297	0.000165	0.0000865	0.0947	0.00000234	0.000112	0.000526	0.00158	0.0000947
2080 Jul	0.00026	0.00106	0.103	0.00000758	1.59	2.59	0.0373	0.000261	8.41	0.00139	0.0092	0.000296	0.000166	0.0000867	0.0948	0.00000234	0.000112	0.000526	0.00158	0.0000953
2080 Aug	0.000267	0.00109	0.105	0.00000777	1.63	2.65	0.0383	0.000268	8.62	0.00142	0.00943	0.000304	0.00017	0.0000888	0.0971	0.0000024	0.000115	0.000539	0.00162	0.0000976
2080 Sep	0.000266	0.00108	0.105	0.00000775	1.62	2.64	0.0382	0.000267	8.57	0.00142	0.0094	0.000303	0.000169	0.0000884	0.0968	0.00000239	0.000114	0.000538	0.00161	0.0000969
2080 Oct	0.000264	0.00107	0.104	0.0000077	1.61	2.62	0.0379	0.000265	8.5	0.00141	0.00933	0.000301	0.000168	0.0000877	0.0961	0.00000237	0.000113	0.000534	0.0016	0.000096
2080 Nov	0.000262	0.00107	0.104	0.00000765	1.6	2.6	0.0376	0.000263	8.44	0.0014	0.00927	0.000299	0.000167	0.0000871	0.0954	0.00000236	0.000113	0.00053	0.00159	0.0000954
2080 Dec	0.000262	0.00107	0.104	0.00000765	1.6	2.6	0.0376	0.000263	8.44	0.0014	0.00927	0.000298	0.000167	0.0000871	0.0954	0.00000236	0.000113	0.00053	0.00159	0.0000954
2081 Jan	0.000262	0.00107	0.104	0.00000765	1.6	2.6	0.0376	0.000263	8.44	0.0014	0.00927	0.000299	0.000167	0.0000871	0.0954	0.00000236	0.000113	0.00053	0.00159	0.0000955
2081 Feb	0.000262	0.00107	0.104	0.00000765	1.6	2.6	0.0376	0.000263	8.44	0.0014	0.00927	0.000299	0.000167	0.0000871	0.0954	0.00000236	0.000113	0.00053	0.00159	0.0000955
2081 Mar	0.000262	0.00107	0.104	0.00000765	1.6	2.6	0.0376	0.000263	8.44	0.0014	0.00927	0.000299	0.000167	0.0000872	0.0954	0.00000236	0.000113	0.00053	0.00159	0.0000955
2081 Apr	0.000263	0.00107	0.104	0.00000768	1.61	2.61	0.0378	0.000264	8.48	0.0014	0.00931	0.0003	0.000168	0.0000875	0.0958	0.00000237	0.000113	0.000532	0.0016	0.0000959
2081 May	0.000264	0.00107	0.104	0.00000771	1.61	2.62	0.0378	0.000265	8.5	0.00141	0.00933	0.0003	0.000168	0.0000877	0.096	0.00000237	0.000113	0.000533	0.0016	0.0000962
2081 Jun	0.000253	0.00103	0.1	0.0000074	1.55	2.52	0.0363	0.000255	8.2	0.00135	0.00897	0.000288	0.000162	0.0000845	0.0923	0.00000229	0.00011	0.000512	0.00154	0.0000937
2081 Jul	0.000268	0.00109	0.106	0.00000783	1.64	2.66	0.0384	0.00027	8.68	0.00143	0.00949	0.000304	0.000171	0.0000894	0.0976	0.00000242	0.000116	0.000541	0.00163	0.0000992
2081 Aug	0.000283	0.00116	0.112	0.00000827	1.73	2.81	0.0405	0.000285	9.17	0.00151	0.01	0.000322	0.000181	0.0000944	0.103	0.00000255	0.000123	0.000572	0.00172	0.000105
2081 Sep	0.000283	0.00116	0.112	0.00000829	1.74	2.82	0.0406	0.000286	9.19	0.00152	0.01	0.000322	0.000182	0.0000947	0.103	0.00000256	0.000123	0.000573	0.00173	0.000105
2081 Oct	0.000283	0.00116	0.112	0.00000829	1.74	2.82	0.0406	0.000286	9.18	0.00152	0.01	0.000322	0.000181	0.0000946	0.103	0.00000256	0.000123	0.000573	0.00173	0.000105
2081 Nov	0.000281	0.00115	0.111	0.00000821	1.72	2.79	0.0402	0.000283	9.1	0.0015	0.00995	0.000319	0.00018	0.0000937	0.102	0.00000254	0.000122	0.000567	0.00171	0.000104
2081 Dec	0.00028	0.00115	0.111	0.00000821	1.72	2.79	0.0402	0.000283	9.1	0.0015	0.00995	0.000319	0.00018	0.0000937	0.102	0.00000253	0.000122	0.000567	0.00171	0.000104
2082 Jan	0.00028	0.00115	0.111	0.00000821	1.72	2.79	0.0402	0.000283	9.1	0.0015	0.00995	0.000319	0.00018	0.0000937	0.102	0.00000254	0.000122	0.000567	0.00171	0.000104
2082 Feb	0.000281	0.00115	0.111	0.00000821	1.72	2.79	0.0402	0.000283	9.1	0.0015	0.00995	0.000319	0.00018	0.0000937	0.102	0.00000254	0.000122	0.000567	0.00171	0.000104
2082 Mar	0.000281	0.00115	0.111	0.00000822	1.72	2.8	0.0403	0.000283	9.1	0.0015	0.00996	0.000319	0.00018	0.0000938	0.102	0.00000254	0.000122	0.000568	0.00171	0.000104
2082 Apr	0.000282	0.00115	0.111	0.00000824	1.73	2.8	0.0404	0.000284	9.13	0.00151	0.00999	0.00032	0.00018	0.0000941	0.103	0.00000255	0.000122	0.00057	0.00172	0.000104
2082 May	0.000286	0.00117	0.113	0.00000837	1.75	2.85	0.041	0.000289	9.28	0.00153	0.0101	0.000325	0.000183	0.0000956	0.104	0.00000259	0.000124	0.000579	0.00174	0.000106
2082 Jun	0.000269	0.0011	0.107	0.00000794	1.65	2.68	0.0387	0.000272	8.71	0.00145	0.00959	0.000306	0.000173	0.00009	0.0984	0.00000244	0.000117	0.000547	0.00165	0.0000993
2082 Jul	0.000263	0.00108	0.105	0.00000779	1.62	2.62	0.0377	0.000267	8.54	0.00142	0.0094	0.000299	0.00017	0.0000881	0.0963	0.00000239	0.000115	0.000535	0.00162	0.0000979
2082 Aug	0.000274	0.00112	0.109	0.0000081	1.68	2.73	0.0392	0.000277	8.88	0.00147	0.00977	0.000311	0.000177	0.0000916	0.1	0.00000249	0.000119	0.000556	0.00168	0.000102
2082 Sep	0.000277	0.00114	0.11	0.0000082	1.7	2.76	0.0397	0.000281	8.99	0.00149	0.00989	0.000315	0.000179	0.0000928	0.101	0.00000252	0.000121	0.000563	0.00171	0.000103
2082 Oct	0.000269	0.0011	0.107	0.00000797	1.65	2.68	0.0386	0.000273	8.71	0.00145	0.00961	0.000305	0.000174	0.00009	0.0983	0.00000244	0.000117	0.000547	0.00166	0.0000997
2082 Nov	0.000269	0.0011	0.107	0.00000799	1.66	2.69	0.0386	0.000273	8.73	0.00145	0.00963	0.000306	0.000175	0.0000902	0.0986	0.00000245	0.000117	0.000548	0.00166	0.0000999
2082 Dec	0.00027	0.0011	0.107	0.00000799	1.66	2.69	0.0387	0.000273	8.74	0.00145	0.00964	0.000306	0.000175	0.0000902	0.0986	0.00000245	0.000117	0.000548	0.00166	0.0001
2083 Jan	0.00027	0.0011	0.107	0.00000799	1.66	2.69	0.0387	0.000273	8.74	0.00145	0.00964	0.000306	0.000175	0.0000902	0.0986	0.00000245	0.000117	0.000549	0.00166	0.0001
2083 Feb	0.00027	0.00111	0.107	0.000008	1.66	2.69	0.0387	0.000274	8.74	0.00145	0.00964	0.000306	0.000175	0.0000903	0.0987	0.00000245	0.000118	0.000549	0.00166	0.0001
2083 Mar	0.00027	0.00111	0.107	0.000008	1.66	2.69	0.0387	0.000274	8.75	0.00145	0.00965	0.000307	0.000175	0.0000904	0.0988	0.00000245	0.000118	0.000549	0.00166	0.0001
2083 Apr	0.000271	0.00111	0.108	0.00000804	1.67	2.7	0.0389	0.000275	8.79	0.00146	0.00969	0.000308	0.000176	0.0000908	0.0992	0.00000246	0.000118	0.000552	0.00167	0.000101
2083 May	0.000274	0.00112	0.109	0.00000812	1.68	2.73	0.0393	0.000277	8.85	0.00147	0.00978	0.000311	0.000177	0.0000915	0.1	0.00000248	0.000119	0.000557	0.00169	0.000101
2083 Jun	0.000255	0.00105	0.102	0.00000758	1.57	2.54	0.0366	0.000259	8.27	0.00138	0.00912	0.000289	0.000166	0.0000854	0.0933	0.00000232	0.000112	0.00052	0.00157	0.0000952
2083 Jul	0.000261	0.00107	0.104	0.00000777	1.61	2.61	0.0375	0.000265	8.49	0.00141	0.00935	0.000297	0.00017	0.0000877	0.0957	0.00000238	0.000115	0.000532	0.00161	0.0000981
2083 Aug	0.000267	0.00109	0.106	0.00000793	1.64	2.66	0.0383	0.000271	8.67	0.00144	0.00955	0.000303	0.000174	0.0000895	0.0977	0.00000243	0.000117	0.000544	0.00165	0.0001
2083 Sep	0.000265	0.00109	0.106	0.00000789	1.63	2.65	0.038	0.000269	8.6	0.00143	0.00949	0.000301	0.000173	0.0000889	0.0971	0.00000241	0.000116	0.000541	0.00164	0.0000991
2083 Oct	0.000257	0.00105	0.103	0.00000766	1.58	2.57	0.0369	0.000261	8.33	0.00139	0.00921	0.000292	0.000168	0.0000862	0.0942	0.00000234	0.000113	0.000524	0.00159	0.0000961
2083 Nov	0.000255	0.00105	0.102	0.00000759	1.57	2.54	0.0365	0.000259	8.27	0.00138	0.00913	0.000289	0.000166	0.0000855	0.0933	0.00000232	0.000112	0.00052	0.00158	0.0000955
2083 Dec	0.000255	0.00105	0.102	0.0000076	1.57	2.54	0.0366	0.000259	8.27	0.00138	0.00913	0.000289	0.000166	0.0000855	0.0934	0.00000232	0.000112	0.00052	0.00158	0.0000955
2084 Jan	0.000255	0.00105	0.102	0.0000076	1.57	2.54	0.0366	0.000259	8.27	0.00138	0.00914	0.000289	0.000166	0.0000855	0.0934	0.00000232	0.000112	0.00052	0.00158	0.0000956

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Feb	0.000255	0.00105	0.102	0.0000076	1.57	2.54	0.0366	0.000259	8.27	0.00138	0.00914	0.000289	0.000166	0.0000855	0.0934	0.00000232	0.000112	0.00052	0.00158	0.0000956
2084 Mar	0.000255	0.00105	0.102	0.0000076	1.57	2.55	0.0366	0.000259	8.28	0.00138	0.00914	0.00029	0.000167	0.0000856	0.0935	0.00000232	0.000112	0.00052	0.00158	0.0000956
2084 Apr	0.000257	0.00105	0.102	0.00000765	1.58	2.56	0.0368	0.000261	8.33	0.00139	0.0092	0.000291	0.000168	0.0000861	0.0941	0.00000234	0.000113	0.000524	0.00159	0.0000963
2084 May	0.000258	0.00106	0.103	0.0000077	1.59	2.58	0.0371	0.000263	8.38	0.0014	0.00926	0.000293	0.000169	0.0000867	0.0947	0.00000235	0.000113	0.000527	0.0016	0.0000968
2084 Jun	0.000241	0.000991	0.096	0.00000717	1.49	2.41	0.0346	0.000246	7.87	0.00131	0.00863	0.000273	0.000158	0.0000811	0.0884	0.0000022	0.000107	0.000491	0.00149	0.000092
2084 Jul	0.00025	0.00103	0.0993	0.00000742	1.54	2.5	0.0358	0.000255	8.16	0.00135	0.00894	0.000283	0.000163	0.0000841	0.0916	0.00000227	0.000111	0.000508	0.00154	0.0000955
2084 Aug	0.000258	0.00106	0.103	0.00000768	1.6	2.58	0.037	0.000263	8.44	0.0014	0.00925	0.000293	0.000169	0.000087	0.0947	0.00000235	0.000114	0.000526	0.0016	0.0000988
2084 Sep	0.000258	0.00106	0.103	0.00000766	1.59	2.58	0.037	0.000263	8.42	0.0014	0.00923	0.000292	0.000169	0.0000868	0.0945	0.00000235	0.000114	0.000525	0.00159	0.0000986
2084 Oct	0.000253	0.00104	0.101	0.00000754	1.56	2.53	0.0364	0.000258	8.26	0.00137	0.00908	0.000288	0.000166	0.0000853	0.093	0.00000231	0.000112	0.000516	0.00157	0.0000966
2084 Nov	0.000252	0.00104	0.101	0.00000751	1.56	2.52	0.0362	0.000257	8.21	0.00137	0.00903	0.000287	0.000165	0.0000848	0.0925	0.00000229	0.000111	0.000514	0.00156	0.0000957
2084 Dec	0.000252	0.00104	0.101	0.00000751	1.56	2.52	0.0362	0.000257	8.21	0.00137	0.00904	0.000287	0.000165	0.0000848	0.0926	0.00000229	0.000111	0.000514	0.00156	0.0000958
2085 Jan	0.000252	0.00104	0.101	0.00000751	1.56	2.52	0.0362	0.000257	8.21	0.00137	0.00904	0.000287	0.000165	0.0000848	0.0926	0.00000229	0.000111	0.000514	0.00156	0.0000958
2085 Feb	0.000253	0.00104	0.101	0.00000751	1.56	2.52	0.0363	0.000257	8.21	0.00137	0.00904	0.000287	0.000165	0.0000848	0.0926	0.0000023	0.000111	0.000515	0.00156	0.0000958
2085 Mar	0.000253	0.00104	0.101	0.00000752	1.56	2.52	0.0363	0.000257	8.22	0.00137	0.00904	0.000287	0.000165	0.0000849	0.0926	0.0000023	0.000111	0.000515	0.00156	0.0000958
2085 Apr	0.000253	0.00104	0.101	0.00000754	1.56	2.53	0.0364	0.000258	8.25	0.00137	0.00907	0.000288	0.000165	0.0000852	0.0929	0.0000023	0.000112	0.000517	0.00156	0.0000962
2085 May	0.000255	0.00104	0.102	0.00000758	1.57	2.55	0.0366	0.000259	8.27	0.00138	0.00912	0.00029	0.000166	0.0000855	0.0934	0.00000231	0.000112	0.00052	0.00157	0.0000964
2085 Jun	0.00025	0.00102	0.0996	0.00000742	1.54	2.5	0.0359	0.000254	8.12	0.00135	0.00892	0.000284	0.000163	0.0000839	0.0916	0.00000226	0.00011	0.000509	0.00154	0.000095
2085 Jul	0.000262	0.00107	0.104	0.00000777	1.61	2.61	0.0376	0.000266	8.5	0.00142	0.00934	0.000298	0.00017	0.0000879	0.0959	0.00000237	0.000115	0.000533	0.00161	0.0000994
2085 Aug	0.000263	0.00108	0.105	0.00000781	1.62	2.63	0.0378	0.000268	8.54	0.00142	0.00939	0.000299	0.000171	0.0000883	0.0964	0.00000238	0.000116	0.000536	0.00162	0.0000999
2085 Sep	0.000259	0.00106	0.103	0.0000077	1.59	2.59	0.0373	0.000263	8.38	0.0014	0.00925	0.000295	0.000169	0.0000868	0.095	0.00000234	0.000114	0.000528	0.00159	0.0000976
2085 Oct	0.000254	0.00104	0.101	0.00000755	1.56	2.54	0.0366	0.000259	8.23	0.00137	0.00907	0.00029	0.000165	0.0000852	0.0932	0.0000023	0.000112	0.000518	0.00156	0.0000961
2085 Nov	0.000252	0.00103	0.1	0.00000747	1.55	2.51	0.0362	0.000256	8.16	0.00136	0.00898	0.000287	0.000164	0.0000844	0.0923	0.00000228	0.000111	0.000513	0.00154	0.0000954
2085 Dec	0.000252	0.00103	0.1	0.00000747	1.55	2.51	0.0362	0.000256	8.16	0.00136	0.00898	0.000287	0.000164	0.0000844	0.0923	0.00000228	0.000111	0.000513	0.00155	0.0000954
2086 Jan	0.000252	0.00103	0.1	0.00000747	1.55	2.51	0.0362	0.000256	8.16	0.00136	0.00898	0.000287	0.000164	0.0000845	0.0923	0.00000228	0.000111	0.000513	0.00155	0.0000954
2086 Feb	0.000252	0.00103	0.1	0.00000747	1.55	2.51	0.0362	0.000256	8.16	0.00136	0.00898	0.000287	0.000164	0.0000845	0.0923	0.00000228	0.000111	0.000513	0.00155	0.0000954
2086 Mar	0.000252	0.00103	0.1	0.00000748	1.55	2.52	0.0363	0.000256	8.16	0.00136	0.00899	0.000287	0.000164	0.0000845	0.0923	0.00000228	0.000111	0.000513	0.00155	0.0000955
2086 Apr	0.000253	0.00104	0.101	0.00000751	1.56	2.53	0.0364	0.000258	8.2	0.00137	0.00903	0.000288	0.000164	0.0000849	0.0928	0.00000229	0.000112	0.000515	0.00155	0.0000959
2086 May	0.000257	0.00105	0.102	0.00000762	1.58	2.56	0.037	0.000261	8.32	0.00139	0.00916	0.000293	0.000167	0.0000861	0.0941	0.00000232	0.000113	0.000523	0.00158	0.0000972
2086 Jun	0.000243	0.000992	0.0965	0.00000717	1.49	2.43	0.035	0.000247	7.88	0.00131	0.00863	0.000277	0.000157	0.0000815	0.089	0.00000219	0.000107	0.000493	0.00148	0.000093
2086 Jul	0.000252	0.00103	0.0998	0.00000741	1.55	2.51	0.0362	0.000256	8.18	0.00136	0.00892	0.000286	0.000163	0.0000844	0.0921	0.00000226	0.000111	0.00051	0.00153	0.0000969
2086 Aug	0.000259	0.00106	0.103	0.00000762	1.59	2.58	0.0372	0.000264	8.41	0.0014	0.00918	0.000294	0.000167	0.0000869	0.0948	0.00000233	0.000115	0.000524	0.00158	0.0000996
2086 Sep	0.000258	0.00105	0.102	0.00000759	1.58	2.57	0.0371	0.000263	8.38	0.00139	0.00914	0.000293	0.000167	0.0000865	0.0944	0.00000232	0.000114	0.000522	0.00157	0.0000992
2086 Oct	0.000257	0.00105	0.102	0.00000758	1.58	2.57	0.037	0.000262	8.37	0.00139	0.00913	0.000293	0.000167	0.0000864	0.0943	0.00000232	0.000114	0.000522	0.00157	0.0000991
2086 Nov	0.000258	0.00105	0.102	0.00000761	1.59	2.58	0.0371	0.000263	8.39	0.00139	0.00916	0.000294	0.000167	0.0000867	0.0946	0.00000232	0.000114	0.000523	0.00157	0.0000994
2086 Dec	0.000258	0.00106	0.102	0.00000761	1.59	2.58	0.0371	0.000263	8.4	0.00139	0.00916	0.000294	0.000167	0.0000867	0.0946	0.00000233	0.000114	0.000523	0.00157	0.0000995
2087 Jan	0.000258	0.00106	0.103	0.00000761	1.59	2.58	0.0372	0.000263	8.4	0.00139	0.00917	0.000294	0.000167	0.0000867	0.0946	0.00000233	0.000114	0.000523	0.00157	0.0000995
2087 Feb	0.000258	0.00106	0.103	0.00000761	1.59	2.58	0.0372	0.000263	8.4	0.00139	0.00917	0.000294	0.000167	0.0000867	0.0946	0.00000233	0.000115	0.000524	0.00157	0.0000995
2087 Mar	0.000259	0.00106	0.103	0.00000762	1.59	2.58	0.0372	0.000264	8.41	0.0014	0.00918	0.000294	0.000167	0.0000868	0.0947	0.00000233	0.000115	0.000524	0.00158	0.0000996
2087 Apr	0.000259	0.00106	0.103	0.00000764	1.59	2.59	0.0373	0.000264	8.43	0.0014	0.0092	0.000295	0.000168	0.000087	0.095	0.00000233	0.000115	0.000525	0.00158	0.0000998
2087 May	0.00026	0.00106	0.103	0.00000767	1.6	2.6	0.0375	0.000265	8.44	0.0014	0.00923	0.000297	0.000168	0.0000873	0.0953	0.00000234	0.000115	0.000528	0.00158	0.0000997
2087 Jun	0.000253	0.00103	0.101	0.00000744	1.55	2.52	0.0365	0.000257	8.15	0.00136	0.00894	0.000289	0.000163	0.0000846	0.0926	0.00000226	0.000111	0.000513	0.00153	0.0000961
2087 Jul	0.000262	0.00106	0.104	0.00000769	1.6	2.6	0.0377	0.000265	8.42	0.0014	0.00924	0.000299	0.000168	0.0000874	0.0956	0.00000234	0.000115	0.00053	0.00158	0.0000993
2087 Aug	0.000273	0.00111	0.108	0.000008	1.67	2.71	0.0393	0.000276	8.77	0.00146	0.00962	0.000311	0.000175	0.000091	0.0996	0.00000243	0.00012	0.000552	0.00165	0.000103
2087 Sep	0.000278	0.00113	0.11	0.00000815	1.7	2.76	0.04	0.000281	8.93	0.00149	0.0098	0.000317	0.000178	0.0000927	0.101	0.00000248	0.000122	0.000562	0.00168	0.000105
2087 Oct	0.000276	0.00112	0.11	0.00000811	1.69	2.75	0.0398	0.00028	8.88	0.00148	0.00975	0.000315	0.000177	0.0000921	0.101	0.00000246	0.000121	0.000559	0.00167	0.000105
2087 Nov	0.000275	0.00112	0.109	0.00000809	1.68	2.74	0.0397	0.000279	8.86	0.00148	0.00972	0.000314	0.000177	0.0000919	0.101	0.00000246	0.000121	0.000558	0.00167	0.000104
2087 Dec	0.000276	0.00112	0.109	0.00000809	1.68	2.74	0.0397	0.000279	8.86	0.00148	0.00973	0.000314	0.000177	0.000092	0.101	0.00000246	0.000121	0.000558	0.00167	0.000104
2088 Jan	0.000276	0.00112	0.109	0.00000809	1.68	2.74	0.0397	0.000279	8.87	0.00148	0.00973	0.000315	0.000177	0.000092	0.101	0.00000246	0.000121	0.000558	0.00167	0.000104
2088 Feb	0.000276	0.00112	0.109	0.00000809	1.68	2.74	0.0397	0.000279	8.87	0.00148	0.00973	0.000315	0.000177	0.000092	0.101	0.00000246	0.000121	0.000558	0.00167	0.000105
2088 Mar	0.000276	0.00112	0.11	0.0000081	1.69	2.74	0.0398	0.00028	8.88	0.00148	0.00974	0.000315	0.000177	0.0000921	0.101	0.00000246	0.000121	0.000559	0.00167	0.000105
2088 Apr	0.000279	0.00113	0.111	0.00000818	1.7	2.77	0.0401	0.000282	8.96	0.00149	0.00983	0.000318	0.000179	0.0000929	0.102	0.00000249	0.000122	0.000564	0.00168	0.000106
2088 May	0.000284	0.00115	0.113	0.00000835	1.74	2.83	0.041	0.000288	9.15	0.00153	0.01	0.000325	0.000183	0.0000949	0.104	0.00000254	0.000125	0.000576	0.00172	0.000108
2088 Jun	0.000279	0.00113	0.111	0.00000821	1.7	2.77	0.0403	0.000282	8.89	0.00149	0.00984	0.000319	0.000179	0.0000927	0.102	0.00000248	0.000121	0.000566	0.00169	0.000104
2088 Jul	0.000291	0.00117	0.116	0.00000856	1.77	2.88	0.042	0.000293	9.25	0.00155	0.0102	0.000333	0.000186	0.0000965	0.106	0.00000258	0.000126	0.00059	0.00176	0.000108
2088 Aug	0.00031	0.00125	0.123	0.00000912	1.88	3.07	0.0448	0.000313	9.85	0.00165	0.0109	0.000355	0.000198	0.000103	0.113	0.00000275	0.000134	0.000629	0.00187	0.000115
2088 Sep	0.000315	0.00127	0.125	0.00000927	1.91	3.12	0.0455	0.000318	10	0.00168	0.0111	0.00036	0.000202	0.000104	0.115	0.00000279	0.000137	0.000639	0.0019	0.000117
2088 Oct	0.000305	0.00123	0.121	0.00000897	1.85	3.02	0.044	0.000308	9.69	0.00163	0.0107	0.000349	0.000195	0.000101	0.111	0.0000027	0.000132	0.000618	0.00184	0.000113
2088 Nov	0.000303	0.00122	0.121	0.00000893	1.84	3.01	0.0438	0.000307	9.64	0.00162	0.0107	0.000347	0.000194	0.000101	0.111	0.00000269	0.000132	0.000615	0.00183	0.000112
2088 Dec	0.000303	0.00122	0.121	0.00000894	1.84	3.01	0.0438	0.000307	9.65	0.00162	0.0107	0.000347	0.000194	0.000101	0.111	0.00000269	0.000132	0.000616	0.00183	0.000113
2089 Jan	0.000303	0.00122	0.121	0.00000894	1.84	3.01	0.0438	0.000307	9.65	0.00162	0.0107	0.000347	0.000194	0.000101	0.111	0.00000269	0.000132	0.000616	0.00183	0.000113
2089 Feb	0.000304	0.00122	0.121	0.00000894	1.84	3.01	0.0438	0.000307	9.65	0.00162	0.0107	0.000347	0.000194	0.000101	0.111	0.00000269	0.000132	0.000616	0.00183	0.000113
2089 Mar	0.000304	0.00123	0.121	0.00000895	1.85	3.01	0.0439	0.000307	9.67	0.00162	0.0107	0.000348	0.000195	0.000101	0.111	0.0000027	0.000132	0.000617	0.00184	0.000113
2089 Apr	0.000306	0.00123	0.122	0.00000901	1.86	3.03	0.0442	0.000309	9.73	0.00163	0.0108	0.00035	0.000196	0.000101	0.112	0.00000271	0.000133	0.000621	0.00185	0.000113
2089 May	0.000309	0.00124	0.123	0.00000909	1.87	3.06	0.0446	0.000311	9.77	0.00165	0.0109	0.000354	0.000197	0.000102	0.112	0.00000273	0.000133	0.000627	0.00186	0.000114
2089 Jun	0.000304	0.00122	0.121	0.00000894	1.83	3	0.0441	0.000305	9.55	0.00161	0.0107	0.000349	0.000193	0.0001	0.111	0.00000267	0.00013	0.000618	0.00182	0.00011
2089 Jul	0.000316	0.00127	0.126	0.0000093	1.91	3.12	0.0458	0.000317	9.93	0.00168	0.0111	0.000363	0.000201	0.000104	0.115	0.00000278	0.000136	0.000643	0.0019	0.000115
2089 Aug	0.000329	0.00132	0.131	0.00000968	1.99	3.25	0.0477	0.00033	10.3	0.00175	0.0116	0.000378	0.00021	0.000108	0.12	0.00000289	0.000141	0.000669	0.00198	0.00012

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Sep	0.000332	0.00133	0.132	0.00000975	2	3.27	0.048	0.000333	10.4	0.00176	0.0116	0.000381	0.000211	0.000109	0.121	0.00000291	0.000142	0.000674	0.00199	0.00012
2089 Oct	0.00032	0.00128	0.128	0.00000941	1.92	3.15	0.0463	0.000321	9.97	0.00169	0.0112	0.000368	0.000203	0.000105	0.116	0.0000028	0.000136	0.000649	0.00191	0.000114
2089 Nov	0.000319	0.00127	0.128	0.0000094	1.92	3.14	0.0463	0.00032	9.94	0.00169	0.0112	0.000367	0.000202	0.000105	0.116	0.00000279	0.000136	0.000649	0.00191	0.000114
2089 Dec	0.000319	0.00127	0.128	0.00000941	1.92	3.15	0.0463	0.00032	9.95	0.00169	0.0112	0.000368	0.000203	0.000105	0.116	0.00000279	0.000136	0.000649	0.00191	0.000114
2090 Jan	0.00032	0.00127	0.128	0.00000941	1.92	3.15	0.0463	0.00032	9.95	0.00169	0.0112	0.000368	0.000203	0.000105	0.116	0.00000279	0.000136	0.00065	0.00191	0.000114
2090 Feb	0.00032	0.00128	0.128	0.00000942	1.92	3.15	0.0463	0.000321	9.96	0.00169	0.0112	0.000368	0.000203	0.000105	0.116	0.0000028	0.000136	0.00065	0.00191	0.000114
2090 Mar	0.00032	0.00128	0.128	0.00000942	1.92	3.15	0.0464	0.000321	9.97	0.00169	0.0112	0.000368	0.000203	0.000105	0.116	0.0000028	0.000136	0.00065	0.00192	0.000114
2090 Apr	0.000321	0.00128	0.128	0.00000946	1.93	3.16	0.0466	0.000322	10	0.0017	0.0113	0.000369	0.000204	0.000105	0.117	0.00000281	0.000137	0.000653	0.00192	0.000115
2090 May	0.000325	0.0013	0.13	0.00000957	1.95	3.2	0.0471	0.000326	10.1	0.00172	0.0114	0.000374	0.000206	0.000107	0.118	0.00000284	0.000138	0.000661	0.00195	0.000116
2090 Jun	0.000302	0.0012	0.121	0.00000886	1.81	2.97	0.0438	0.000302	9.4	0.00159	0.0106	0.000348	0.000191	0.000099	0.11	0.00000263	0.000129	0.000613	0.0018	0.000109
2090 Jul	0.000312	0.00124	0.124	0.00000913	1.87	3.07	0.0452	0.000312	9.71	0.00165	0.0109	0.000359	0.000197	0.000102	0.113	0.00000271	0.000133	0.000632	0.00186	0.000112
2090 Aug	0.00031	0.00123	0.124	0.00000908	1.86	3.05	0.045	0.00031	9.62	0.00163	0.0108	0.000357	0.000196	0.000101	0.112	0.00000269	0.000132	0.000629	0.00184	0.000111
2090 Sep	0.000301	0.0012	0.12	0.00000883	1.81	2.96	0.0437	0.000302	9.37	0.00159	0.0105	0.000347	0.00019	0.0000987	0.109	0.00000262	0.000128	0.000611	0.00179	0.000108
2090 Oct	0.000288	0.00115	0.115	0.00000844	1.73	2.84	0.0417	0.000289	8.99	0.00152	0.0101	0.000331	0.000182	0.0000945	0.105	0.00000251	0.000123	0.000583	0.00171	0.000105
2090 Nov	0.000284	0.00113	0.113	0.00000833	1.71	2.8	0.0412	0.000286	8.88	0.0015	0.00993	0.000326	0.00018	0.0000933	0.103	0.00000248	0.000122	0.000575	0.00169	0.000104
2090 Dec	0.000284	0.00113	0.113	0.00000833	1.71	2.8	0.0412	0.000286	8.88	0.0015	0.00993	0.000327	0.00018	0.0000934	0.103	0.00000248	0.000122	0.000575	0.00169	0.000104
2091 Jan	0.000284	0.00113	0.113	0.00000833	1.71	2.8	0.0412	0.000286	8.88	0.0015	0.00993	0.000327	0.00018	0.0000934	0.103	0.00000248	0.000122	0.000575	0.00169	0.000104
2091 Feb	0.000284	0.00113	0.113	0.00000833	1.71	2.8	0.0412	0.000286	8.88	0.0015	0.00993	0.000327	0.00018	0.0000934	0.103	0.00000248	0.000122	0.000575	0.00169	0.000104
2091 Mar	0.000284	0.00113	0.113	0.00000835	1.71	2.81	0.0413	0.000286	8.9	0.00151	0.00995	0.000327	0.00018	0.0000935	0.103	0.00000248	0.000122	0.000576	0.00169	0.000104
2091 Apr	0.000286	0.00114	0.114	0.0000084	1.72	2.82	0.0415	0.000288	8.95	0.00152	0.01	0.000329	0.000181	0.0000941	0.104	0.0000025	0.000123	0.00058	0.00171	0.000104
2091 May	0.00029	0.00116	0.116	0.00000852	1.75	2.86	0.0421	0.000292	9.08	0.00154	0.0102	0.000334	0.000184	0.0000954	0.106	0.00000253	0.000125	0.000588	0.00173	0.000106
2091 Jun	0.000277	0.00111	0.11	0.00000811	1.67	2.73	0.0402	0.00028	8.68	0.00147	0.00968	0.000318	0.000175	0.0000912	0.101	0.00000241	0.00012	0.00056	0.00164	0.000102
2091 Jul	0.000292	0.00116	0.116	0.00000854	1.76	2.88	0.0423	0.000295	9.15	0.00155	0.0102	0.000335	0.000184	0.0000961	0.106	0.00000254	0.000126	0.00059	0.00173	0.000108
2091 Aug	0.000294	0.00117	0.117	0.00000862	1.77	2.9	0.0427	0.000297	9.22	0.00156	0.0103	0.000338	0.000186	0.0000968	0.107	0.00000256	0.000127	0.000595	0.00175	0.000108
2091 Sep	0.000293	0.00117	0.117	0.0000086	1.77	2.9	0.0426	0.000297	9.19	0.00156	0.0103	0.000337	0.000185	0.0000966	0.107	0.00000256	0.000127	0.000593	0.00174	0.000108
2091 Oct	0.000287	0.00114	0.115	0.00000842	1.73	2.83	0.0417	0.00029	8.98	0.00152	0.01	0.00033	0.000181	0.0000944	0.104	0.0000025	0.000124	0.000581	0.0017	0.000105
2091 Nov	0.000282	0.00112	0.112	0.00000826	1.69	2.78	0.0409	0.000285	8.81	0.00149	0.00984	0.000324	0.000177	0.0000926	0.102	0.00000245	0.000121	0.000569	0.00167	0.000103
2091 Dec	0.000282	0.00112	0.112	0.00000826	1.69	2.78	0.0409	0.000285	8.81	0.00149	0.00984	0.000324	0.000177	0.0000926	0.103	0.00000245	0.000121	0.000569	0.00167	0.000103
2092 Jan	0.000282	0.00112	0.112	0.00000826	1.69	2.78	0.0409	0.000285	8.81	0.00149	0.00984	0.000324	0.000177	0.0000926	0.103	0.00000245	0.000121	0.000569	0.00167	0.000103
2092 Feb	0.000282	0.00112	0.112	0.00000826	1.69	2.78	0.0409	0.000285	8.81	0.00149	0.00984	0.000324	0.000178	0.0000927	0.103	0.00000245	0.000122	0.000569	0.00167	0.000103
2092 Mar	0.000282	0.00113	0.113	0.00000828	1.7	2.79	0.041	0.000286	8.83	0.0015	0.00986	0.000325	0.000178	0.0000928	0.103	0.00000246	0.000122	0.00057	0.00167	0.000104
2092 Apr	0.000284	0.00113	0.113	0.00000832	1.71	2.8	0.0412	0.000288	8.88	0.0015	0.00992	0.000326	0.000179	0.0000933	0.103	0.00000247	0.000122	0.000574	0.00168	0.000104
2092 May	0.000287	0.00114	0.114	0.00000841	1.72	2.83	0.0416	0.000291	8.97	0.00152	0.01	0.00033	0.000181	0.0000943	0.104	0.00000249	0.000124	0.000579	0.0017	0.000105
2092 Jun	0.00026	0.00104	0.103	0.00000756	1.56	2.57	0.0377	0.000264	8.16	0.00138	0.00903	0.000298	0.000163	0.0000856	0.0945	0.00000225	0.000113	0.000522	0.00153	0.0000972
2092 Jul	0.000262	0.00104	0.104	0.00000761	1.58	2.59	0.0379	0.000266	8.24	0.00139	0.0091	0.0003	0.000164	0.0000863	0.0953	0.00000227	0.000114	0.000526	0.00154	0.0000985
2092 Aug	0.000273	0.00109	0.108	0.00000795	1.65	2.7	0.0396	0.000278	8.6	0.00145	0.0095	0.000314	0.000171	0.0000901	0.0995	0.00000237	0.000119	0.000549	0.00161	0.000103
2092 Sep	0.000274	0.0011	0.109	0.00000799	1.65	2.71	0.0398	0.000279	8.65	0.00146	0.00954	0.000315	0.000172	0.0000906	0.1	0.00000238	0.00012	0.000552	0.00162	0.000103
2092 Oct	0.000273	0.00109	0.108	0.00000794	1.64	2.7	0.0396	0.000278	8.6	0.00145	0.00949	0.000313	0.000171	0.00009	0.0994	0.00000237	0.000119	0.000549	0.00161	0.000103
2092 Nov	0.000273	0.00109	0.108	0.00000794	1.64	2.7	0.0396	0.000278	8.59	0.00145	0.00949	0.000313	0.000171	0.00009	0.0994	0.00000237	0.000119	0.000549	0.00161	0.000103
2092 Dec	0.000273	0.00109	0.108	0.00000795	1.65	2.7	0.0396	0.000278	8.6	0.00145	0.0095	0.000313	0.000171	0.0000901	0.0994	0.00000237	0.000119	0.000549	0.00161	0.000103
2093 Jan	0.000273	0.00109	0.108	0.00000795	1.65	2.7	0.0396	0.000278	8.6	0.00145	0.0095	0.000313	0.000171	0.0000901	0.0994	0.00000237	0.000119	0.000549	0.00161	0.000103
2093 Feb	0.000273	0.00109	0.108	0.00000795	1.65	2.7	0.0396	0.000278	8.6	0.00145	0.0095	0.000314	0.000171	0.0000901	0.0995	0.00000237	0.000119	0.000549	0.00161	0.000103
2093 Mar	0.000274	0.00109	0.109	0.00000797	1.65	2.71	0.0397	0.000279	8.63	0.00145	0.00953	0.000314	0.000172	0.0000904	0.0998	0.00000238	0.000119	0.000551	0.00161	0.000103
2093 Apr	0.000276	0.0011	0.109	0.00000802	1.66	2.72	0.04	0.000281	8.68	0.00146	0.00958	0.000316	0.000173	0.0000909	0.1	0.00000239	0.00012	0.000554	0.00162	0.000104
2093 May	0.00028	0.00111	0.111	0.00000814	1.68	2.76	0.0406	0.000284	8.79	0.00148	0.00972	0.000321	0.000175	0.0000922	0.102	0.00000243	0.000122	0.000563	0.00165	0.000105
2093 Jun	0.000268	0.00106	0.106	0.00000775	1.6	2.64	0.0389	0.000271	8.36	0.00141	0.00925	0.000308	0.000167	0.0000879	0.0972	0.0000023	0.000116	0.000538	0.00156	0.0000997
2093 Jul	0.000279	0.00111	0.111	0.00000807	1.67	2.75	0.0405	0.000282	8.72	0.00147	0.00964	0.000321	0.000174	0.0000916	0.101	0.0000024	0.000121	0.00056	0.00163	0.000104
2093 Aug	0.000289	0.00115	0.115	0.00000837	1.73	2.85	0.042	0.000293	9.04	0.00153	0.01	0.000333	0.00018	0.000095	0.105	0.00000249	0.000125	0.000581	0.00169	0.000108
2093 Sep	0.00029	0.00115	0.115	0.0000084	1.74	2.86	0.0422	0.000294	9.07	0.00153	0.01	0.000334	0.000181	0.0000953	0.105	0.0000025	0.000126	0.000583	0.0017	0.000108
2093 Oct	0.000279	0.00111	0.111	0.00000809	1.67	2.75	0.0406	0.000282	8.7	0.00147	0.00965	0.000322	0.000174	0.0000916	0.101	0.0000024	0.000121	0.000561	0.00163	0.000103
2093 Nov	0.000277	0.00109	0.11	0.00000801	1.65	2.72	0.0402	0.00028	8.6	0.00146	0.00955	0.000319	0.000172	0.0000906	0.1	0.00000237	0.000119	0.000556	0.00161	0.000102
2093 Dec	0.000277	0.00109	0.11	0.00000801	1.65	2.72	0.0403	0.00028	8.61	0.00146	0.00956	0.000319	0.000172	0.0000906	0.1	0.00000237	0.000119	0.000556	0.00161	0.000102
2094 Jan	0.000277	0.00109	0.11	0.00000801	1.65	2.72	0.0403	0.00028	8.61	0.00146	0.00956	0.000319	0.000172	0.0000907	0.1	0.00000237	0.000119	0.000556	0.00161	0.000102
2094 Feb	0.000277	0.00109	0.11	0.00000802	1.66	2.72	0.0403	0.00028	8.61	0.00146	0.00956	0.000319	0.000172	0.0000907	0.1	0.00000237	0.000119	0.000556	0.00161	0.000102
2094 Mar	0.000277	0.0011	0.11	0.00000803	1.66	2.73	0.0403	0.00028	8.62	0.00146	0.00957	0.00032	0.000172	0.0000908	0.101	0.00000238	0.000119	0.000557	0.00162	0.000102
2094 Apr	0.000278	0.0011	0.11	0.00000806	1.66	2.74	0.0405	0.000281	8.66	0.00147	0.00961	0.000321	0.000173	0.0000912	0.101	0.00000239	0.00012	0.000559	0.00162	0.000103
2094 May	0.000278	0.0011	0.11	0.00000803	1.66	2.73	0.0404	0.000281	8.64	0.00146	0.00958	0.00032	0.000173	0.000091	0.101	0.00000238	0.00012	0.000558	0.00162	0.000103
2094 Jun	0.000275	0.00109	0.109	0.00000793	1.64	2.71	0.04	0.000278	8.56	0.00145	0.00947	0.000317	0.000171	0.0000901	0.0998	0.00000235	0.000119	0.000551	0.0016	0.000102
2094 Jul	0.000293	0.00116	0.116	0.00000845	1.75	2.88	0.0426	0.000296	9.12	0.00154	0.0101	0.000338	0.000182	0.000096	0.106	0.00000251	0.000127	0.000587	0.0017	0.000109
2094 Aug	0.000312	0.00123	0.124	0.000009	1.86	3.07	0.0454	0.000316	9.71	0.00164	0.0107	0.000359	0.000194	0.000102	0.113	0.00000267	0.000135	0.000625	0.00181	0.000116
2094 Sep	0.000312	0.00124	0.124	0.00000902	1.87	3.08	0.0455	0.000316	9.73	0.00165	0.0108	0.00036	0.000194	0.000102	0.113	0.00000268	0.000135	0.000627	0.00182	0.000116
2094 Oct	0.000305	0.00121	0.121	0.00000882	1.83	3.01	0.0444	0.00031	9.52	0.00161	0.0105	0.000352	0.00019	0.0001	0.111	0.00000262	0.000132	0.000613	0.00178	0.000114
2094 Nov	0.000299	0.00118	0.118	0.00000863	1.78	2.94	0.0434	0.000303	9.29	0.00157	0.0103	0.000344	0.000185	0.0000978	0.108	0.00000256	0.000129	0.000599	0.00173	0.000111
2094 Dec	0.000298	0.00118	0.118	0.00000861	1.78	2.93	0.0434	0.000302	9.27	0.00157	0.0103	0.000344	0.000185	0.0000976	0.108	0.00000255	0.000129	0.000598	0.00173	0.000111
2095 Jan	0.000298	0.00118	0.118	0.00000862	1.78	2.93	0.0434	0.000302	9.27	0.00157	0.0103	0.000344	0.000185	0.0000976	0.108	0.00000255	0.000129	0.000598	0.00173	0.000111
2095 Feb	0.000298	0.00118	0.118	0.00000862	1.78	2.94	0.0434	0.000302	9.27	0.00157	0.0103	0.000344	0.000185	0.0000977	0.108	0.00000255	0.000129	0.000598	0.00173	0.000111
2095 Mar	0.000299	0.00118	0.118	0.00000863	1.78	2.94	0.0434	0.000303	9.28	0.00157	0.0103	0.000344	0.000185	0.0000978	0.108	0.00000255	0.000129	0.000599	0.00173	0.000111

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0003	0.00119	0.119	0.00000867	1.79	2.95	0.0437	0.000304	9.33	0.00158	0.0103	0.000346	0.000186	0.0000983	0.109	0.00000257	0.00013	0.000602	0.00174	0.000111
2095 May	0.000301	0.00119	0.12	0.0000087	1.8	2.96	0.0439	0.000305	9.32	0.00158	0.0104	0.000348	0.000186	0.0000984	0.109	0.00000257	0.000129	0.000605	0.00175	0.000111
2095 Jun	0.000306	0.0012	0.121	0.00000881	1.82	3	0.0446	0.000309	9.4	0.0016	0.0105	0.000354	0.000188	0.0000995	0.111	0.00000259	0.00013	0.000614	0.00176	0.000111
2095 Jul	0.000326	0.00128	0.129	0.0000094	1.94	3.2	0.0476	0.000329	10	0.0017	0.0112	0.000377	0.000201	0.000106	0.118	0.00000277	0.000139	0.000654	0.00188	0.000118
2095 Aug	0.000327	0.00128	0.13	0.00000942	1.94	3.2	0.0476	0.00033	10	0.00171	0.0112	0.000378	0.000201	0.000106	0.118	0.00000277	0.000139	0.000656	0.00189	0.000119
2095 Sep	0.000329	0.00129	0.13	0.00000948	1.95	3.22	0.0479	0.000332	10.1	0.00172	0.0113	0.00038	0.000202	0.000107	0.119	0.00000279	0.00014	0.000659	0.0019	0.000119
2095 Oct	0.000329	0.00129	0.13	0.00000948	1.95	3.22	0.0479	0.000332	10.1	0.00172	0.0113	0.00038	0.000202	0.000107	0.119	0.00000279	0.00014	0.000659	0.0019	0.000119
2095 Nov	0.000325	0.00127	0.129	0.00000938	1.93	3.18	0.0474	0.000328	9.97	0.0017	0.0112	0.000376	0.0002	0.000106	0.118	0.00000275	0.000138	0.000652	0.00187	0.000117
2095 Dec	0.000325	0.00127	0.129	0.00000937	1.93	3.18	0.0474	0.000328	9.95	0.0017	0.0111	0.000376	0.000199	0.000105	0.118	0.00000275	0.000138	0.000652	0.00187	0.000117
2096 Jan	0.000325	0.00127	0.129	0.00000937	1.93	3.18	0.0474	0.000328	9.96	0.0017	0.0112	0.000376	0.000199	0.000106	0.118	0.00000275	0.000138	0.000652	0.00187	0.000117
2096 Feb	0.000325	0.00127	0.129	0.00000938	1.93	3.18	0.0474	0.000328	9.96	0.0017	0.0112	0.000376	0.0002	0.000106	0.118	0.00000275	0.000138	0.000652	0.00187	0.000117
2096 Mar	0.000325	0.00128	0.129	0.00000939	1.93	3.19	0.0475	0.000328	9.97	0.0017	0.0112	0.000376	0.0002	0.000106	0.118	0.00000276	0.000138	0.000653	0.00188	0.000117
2096 Apr	0.000327	0.00128	0.13	0.00000943	1.94	3.2	0.0477	0.00033	10	0.00171	0.0112	0.000378	0.000201	0.000106	0.118	0.00000277	0.000139	0.000656	0.00189	0.000118
2096 May	0.000331	0.00129	0.131	0.00000954	1.96	3.24	0.0483	0.000334	10.1	0.00172	0.0113	0.000383	0.000203	0.000107	0.12	0.0000028	0.00014	0.000664	0.0019	0.000119
2096 Jun	0.000304	0.00118	0.121	0.00000871	1.79	2.97	0.0445	0.000305	9.24	0.00158	0.0104	0.000353	0.000185	0.0000983	0.11	0.00000255	0.000129	0.000609	0.00174	0.000109
2096 Jul	0.000313	0.00122	0.124	0.00000896	1.85	3.06	0.0458	0.000315	9.54	0.00163	0.0107	0.000363	0.000191	0.000101	0.113	0.00000262	0.000133	0.000627	0.00179	0.000113
2096 Aug	0.00033	0.00128	0.131	0.00000944	1.95	3.22	0.0482	0.000332	10.1	0.00171	0.0112	0.000383	0.000201	0.000107	0.119	0.00000277	0.00014	0.00066	0.00188	0.000119
2096 Sep	0.000329	0.00128	0.13	0.0000094	1.94	3.21	0.048	0.00033	10	0.00171	0.0112	0.000381	0.0002	0.000106	0.119	0.00000275	0.000139	0.000657	0.00187	0.000118
2096 Oct	0.000319	0.00124	0.127	0.00000914	1.88	3.12	0.0467	0.000321	9.7	0.00166	0.0109	0.000371	0.000194	0.000103	0.115	0.00000267	0.000135	0.000639	0.00182	0.000114
2096 Nov	0.000319	0.00124	0.127	0.00000913	1.88	3.11	0.0466	0.000321	9.67	0.00165	0.0109	0.00037	0.000194	0.000103	0.115	0.00000267	0.000135	0.000638	0.00182	0.000114
2096 Dec	0.000319	0.00124	0.127	0.00000914	1.88	3.11	0.0466	0.000321	9.68	0.00165	0.0109	0.00037	0.000194	0.000103	0.115	0.00000267	0.000135	0.000639	0.00182	0.000114
2097 Jan	0.000319	0.00124	0.127	0.00000914	1.88	3.11	0.0467	0.000321	9.68	0.00165	0.0109	0.00037	0.000194	0.000103	0.115	0.00000267	0.000135	0.000639	0.00182	0.000114
2097 Feb	0.000319	0.00124	0.127	0.00000914	1.88	3.11	0.0467	0.000321	9.68	0.00165	0.0109	0.00037	0.000194	0.000103	0.115	0.00000267	0.000135	0.000639	0.00182	0.000114
2097 Mar	0.000319	0.00124	0.127	0.00000915	1.88	3.12	0.0467	0.000321	9.69	0.00166	0.0109	0.000371	0.000194	0.000103	0.115	0.00000267	0.000135	0.000639	0.00182	0.000114
2097 Apr	0.000321	0.00125	0.127	0.0000092	1.89	3.14	0.047	0.000323	9.75	0.00167	0.0109	0.000373	0.000195	0.000104	0.116	0.00000269	0.000136	0.000643	0.00183	0.000115
2097 May	0.000327	0.00127	0.13	0.00000936	1.92	3.19	0.0478	0.000328	9.9	0.00169	0.0111	0.00038	0.000198	0.000105	0.118	0.00000273	0.000138	0.000654	0.00186	0.000116
2097 Jun	0.000321	0.00124	0.127	0.00000918	1.88	3.13	0.047	0.000322	9.7	0.00166	0.0109	0.000373	0.000194	0.000103	0.116	0.00000267	0.000135	0.000643	0.00182	0.000114
2097 Jul	0.00034	0.00132	0.135	0.00000972	1.99	3.31	0.0498	0.000341	10.3	0.00176	0.0116	0.000395	0.000206	0.000109	0.123	0.00000283	0.000143	0.00068	0.00193	0.000121
2097 Aug	0.000353	0.00137	0.14	0.0000101	2.07	3.44	0.0516	0.000354	10.6	0.00182	0.012	0.00041	0.000213	0.000113	0.127	0.00000294	0.000148	0.000706	0.002	0.000125
2097 Sep	0.000359	0.00139	0.142	0.0000103	2.11	3.5	0.0525	0.00036	10.8	0.00186	0.0122	0.000417	0.000217	0.000115	0.129	0.00000299	0.000151	0.000718	0.00204	0.000127
2097 Oct	0.000357	0.00138	0.142	0.0000102	2.09	3.48	0.0522	0.000359	10.8	0.00185	0.0121	0.000415	0.000216	0.000115	0.129	0.00000297	0.00015	0.000714	0.00203	0.000127
2097 Nov	0.000355	0.00138	0.141	0.0000102	2.09	3.46	0.052	0.000357	10.7	0.00184	0.0121	0.000413	0.000215	0.000114	0.128	0.00000296	0.000149	0.000711	0.00202	0.000126
2097 Dec	0.000355	0.00138	0.141	0.0000102	2.09	3.46	0.052	0.000357	10.7	0.00184	0.0121	0.000413	0.000215	0.000114	0.128	0.00000296	0.000149	0.000711	0.00202	0.000126
2098 Jan	0.000355	0.00138	0.141	0.0000102	2.09	3.46	0.052	0.000357	10.7	0.00184	0.0121	0.000413	0.000215	0.000114	0.128	0.00000296	0.000149	0.000711	0.00202	0.000126
2098 Feb	0.000356	0.00138	0.141	0.0000102	2.09	3.46	0.052	0.000357	10.7	0.00184	0.0121	0.000413	0.000215	0.000114	0.128	0.00000296	0.000149	0.000711	0.00202	0.000126
2098 Mar	0.000356	0.00138	0.141	0.0000102	2.09	3.47	0.0521	0.000357	10.7	0.00184	0.0121	0.000413	0.000215	0.000114	0.128	0.00000296	0.00015	0.000712	0.00202	0.000126
2098 Apr	0.000357	0.00138	0.142	0.0000102	2.1	3.48	0.0522	0.000359	10.8	0.00185	0.0121	0.000415	0.000216	0.000115	0.129	0.00000297	0.00015	0.000714	0.00203	0.000127
2098 May	0.000358	0.00138	0.142	0.0000102	2.1	3.49	0.0525	0.000359	10.8	0.00185	0.0121	0.000417	0.000216	0.000115	0.129	0.00000297	0.00015	0.000717	0.00203	0.000126
2098 Jun	0.000326	0.00125	0.129	0.00000923	1.9	3.16	0.0479	0.000324	9.72	0.00167	0.011	0.00038	0.000195	0.000104	0.117	0.00000268	0.000135	0.000652	0.00183	0.000114
2098 Jul	0.000344	0.00132	0.136	0.00000975	2	3.34	0.0506	0.000342	10.3	0.00176	0.0116	0.000402	0.000206	0.00011	0.124	0.00000283	0.000143	0.000688	0.00193	0.000121
2098 Aug	0.000351	0.00135	0.139	0.00000994	2.04	3.41	0.0516	0.000349	10.5	0.0018	0.0118	0.00041	0.00021	0.000112	0.126	0.00000288	0.000146	0.000702	0.00197	0.000123
2098 Sep	0.000342	0.00131	0.135	0.00000968	1.99	3.31	0.0502	0.00034	10.2	0.00175	0.0115	0.000399	0.000205	0.000109	0.123	0.0000028	0.000142	0.000683	0.00191	0.000119
2098 Oct	0.00033	0.00126	0.131	0.00000933	1.91	3.19	0.0485	0.000328	9.8	0.00169	0.0111	0.000385	0.000197	0.000105	0.118	0.0000027	0.000137	0.000659	0.00184	0.000115
2098 Nov	0.000326	0.00125	0.129	0.00000922	1.89	3.16	0.0479	0.000324	9.7	0.00167	0.0109	0.000381	0.000195	0.000104	0.117	0.00000267	0.000135	0.000651	0.00182	0.000114
2098 Dec	0.000326	0.00125	0.129	0.00000923	1.89	3.16	0.0479	0.000324	9.7	0.00167	0.011	0.000381	0.000195	0.000104	0.117	0.00000267	0.000135	0.000652	0.00182	0.000114
2099 Jan	0.000326	0.00125	0.129	0.00000923	1.89	3.16	0.0479	0.000324	9.7	0.00167	0.011	0.000381	0.000195	0.000104	0.117	0.00000267	0.000135	0.000652	0.00182	0.000114
2099 Feb	0.000326	0.00125	0.129	0.00000923	1.89	3.16	0.0479	0.000324	9.71	0.00167	0.011	0.000381	0.000195	0.000104	0.117	0.00000267	0.000135	0.000652	0.00182	0.000114
2099 Mar	0.000327	0.00125	0.129	0.00000925	1.9	3.17	0.048	0.000325	9.72	0.00167	0.011	0.000382	0.000195	0.000104	0.117	0.00000268	0.000136	0.000653	0.00183	0.000114
2099 Apr	0.00033	0.00126	0.131	0.00000933	1.91	3.19	0.0484	0.000328	9.8	0.00169	0.0111	0.000385	0.000197	0.000105	0.118	0.0000027	0.000137	0.000659	0.00184	0.000115
2099 May	0.000321	0.00122	0.127	0.00000903	1.86	3.1	0.0471	0.000318	9.52	0.00164	0.0107	0.000374	0.000191	0.000102	0.115	0.00000261	0.000133	0.00064	0.00178	0.000112
2099 Jun	0.000311	0.00119	0.123	0.00000873	1.8	3.01	0.0458	0.000309	9.26	0.00159	0.0104	0.000363	0.000185	0.0000991	0.112	0.00000253	0.000129	0.00062	0.00172	0.00011
2099 Jul	0.000329	0.00125	0.13	0.00000921	1.9	3.18	0.0483	0.000326	9.77	0.00168	0.011	0.000383	0.000195	0.000105	0.118	0.00000267	0.000137	0.000654	0.00182	0.000116
2099 Aug	0.000345	0.00132	0.136	0.00000968	2	3.34	0.0507	0.000342	10.3	0.00176	0.0115	0.000402	0.000205	0.00011	0.124	0.0000028	0.000143	0.000687	0.00191	0.000121
2099 Sep	0.000341	0.0013	0.134	0.00000956	1.97	3.3	0.0501	0.000338	10.1	0.00174	0.0114	0.000397	0.000202	0.000108	0.122	0.00000277	0.000142	0.000679	0.00189	0.00012
2099 Oct	0.000334	0.00127	0.132	0.00000938	1.94	3.24	0.0492	0.000332	9.93	0.00171	0.0112	0.00039	0.000198	0.000106	0.12	0.00000272	0.000139	0.000666	0.00185	0.000117
2099 Nov	0.00033	0.00126	0.13	0.00000926	1.91	3.19	0.0486	0.000327	9.77	0.00168	0.011	0.000385	0.000195	0.000105	0.118	0.00000268	0.000137	0.000658	0.00182	0.000115
2099 Dec	0.00033	0.00126	0.13	0.00000926	1.91	3.19	0.0486	0.000327	9.78	0.00168	0.011	0.000385	0.000196	0.000105	0.118	0.00000268	0.000137	0.000658	0.00183	0.000115
2100 Jan	0.00033	0.00126	0.13	0.00000926	1.91	3.19	0.0486	0.000327	9.78	0.00168	0.011	0.000385	0.000196	0.000105	0.118	0.00000268	0.000137	0.000658	0.00183	0.000115
2100 Feb	0.000331	0.00126	0.13	0.00000926	1.91	3.19	0.0486	0.000327	9.78	0.00168	0.011	0.000385	0.000196	0.000105	0.118	0.00000268	0.000137	0.000658	0.00183	0.000115
2100 Mar	0.000331	0.00126	0.13	0.00000927	1.91	3.2	0.0486	0.000328	9.78	0.00168	0.011	0.000385	0.000196	0.000105	0.118	0.00000268	0.000137	0.000658	0.00183	0.000115
2100 Apr	0.000333	0.00127	0.131	0.00000933	1.92	3.22	0.049	0.00033	9.85	0.00169	0.0111	0.000388	0.000197	0.000106	0.119	0.0000027	0.000138	0.000663	0.00184	0.000116
2100 May	0.000335	0.00127	0.132	0.00000937	1.93	3.23	0.0493	0.000331	9.88	0.0017	0.0111	0.00039	0.000198	0.000106	0.12	0.0000027	0.000138	0.000667	0.00185	0.000116
2100 Jun	0.00031	0.00117	0.122	0.00000859	1.78	2.99	0.0456	0.000305	9.13	0.00157	0.0102	0.000361	0.000182	0.0000978	0.111	0.00000248	0.000128	0.000614	0.00169	0.000108
2100 Jul	0.000315	0.00119	0.124	0.00000873	1.81	3.04	0.0464	0.000311	9.3	0.0016	0.0104	0.000367	0.000185	0.0000996	0.113	0.00000253	0.00013	0.000625	0.00172	0.000111
2100 Aug	0.000315	0.00119	0.124	0.00000874	1.81	3.04	0.0465	0.000311	9.3	0.0016	0.0104	0.000367	0.000185	0.0000996	0.113	0.00000253	0.00013	0.000626	0.00172	0.00011
2100 Sep	0.000316	0.00119	0.124	0.00000875	1.82	3.04	0.0466	0.000311	9.3	0.0016	0.0104	0.000368	0.000185	0.0000997	0.113	0.00000253	0.00013	0.000627	0.00172	0.00011
2100 Oct	0.000317	0.00119	0.124	0.00000876	1.82	3.05	0.0467	0.000311	9.31	0.0016	0.0104	0.000369	0.000185	0.0000998	0.113	0.00000253	0.00013	0.000628	0.00172	0.00011

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2100 Nov	0.000317	0.0012	0.125	0.00000878	1.82	3.05	0.0467	0.000312	9.32	0.0016	0.0104	0.000369	0.000186	0.0001	0.113	0.00000254	0.00013	0.000629	0.00173	0.00011
2100 Dec	0.000317	0.0012	0.125	0.00000878	1.82	3.06	0.0468	0.000312	9.33	0.0016	0.0105	0.00037	0.000186	0.0001	0.113	0.00000254	0.000131	0.000629	0.00173	0.000111
2101 Jan	0.000317	0.0012	0.125	0.00000879	1.82	3.06	0.0468	0.000312	9.33	0.0016	0.0105	0.00037	0.000186	0.0001	0.113	0.00000254	0.000131	0.00063	0.00173	0.000111
2101 Feb	0.000317	0.0012	0.125	0.00000879	1.82	3.06	0.0468	0.000312	9.33	0.0016	0.0105	0.00037	0.000186	0.0001	0.113	0.00000254	0.000131	0.00063	0.00173	0.000111
2101 Mar	0.000317	0.0012	0.125	0.00000879	1.82	3.06	0.0468	0.000312	9.34	0.0016	0.0105	0.00037	0.000186	0.0001	0.113	0.00000254	0.000131	0.00063	0.00173	0.000111
2101 Apr	0.000319	0.0012	0.125	0.00000882	1.83	3.07	0.047	0.000314	9.38	0.00161	0.0105	0.000371	0.000187	0.000101	0.114	0.00000255	0.000131	0.000632	0.00174	0.000111
2101 May	0.00032	0.0012	0.125	0.00000883	1.83	3.08	0.0471	0.000314	9.39	0.00161	0.0105	0.000372	0.000187	0.000101	0.114	0.00000255	0.000131	0.000634	0.00174	0.000111
2101 Jun	0.000306	0.00115	0.12	0.00000842	1.76	2.95	0.0452	0.0003	9.01	0.00155	0.01	0.000357	0.000179	0.0000965	0.109	0.00000244	0.000126	0.000606	0.00166	0.000108
2101 Jul	0.000323	0.00122	0.127	0.00000888	1.85	3.11	0.0477	0.000317	9.52	0.00163	0.0106	0.000377	0.000189	0.000102	0.115	0.00000257	0.000133	0.00064	0.00175	0.000114
2101 Aug	0.00034	0.00128	0.133	0.00000934	1.95	3.27	0.0501	0.000333	10	0.00171	0.0111	0.000396	0.000198	0.000107	0.121	0.0000027	0.00014	0.000672	0.00184	0.00012
2101 Sep	0.000337	0.00127	0.132	0.00000927	1.93	3.25	0.0498	0.000331	9.93	0.0017	0.011	0.000393	0.000197	0.000106	0.12	0.00000269	0.000139	0.000668	0.00183	0.000119
2101 Oct	0.000336	0.00127	0.132	0.00000925	1.93	3.24	0.0496	0.00033	9.9	0.0017	0.011	0.000392	0.000196	0.000106	0.12	0.00000268	0.000139	0.000666	0.00182	0.000118
2101 Nov	0.000331	0.00124	0.13	0.0000091	1.9	3.18	0.0488	0.000325	9.74	0.00167	0.0108	0.000385	0.000193	0.000104	0.118	0.00000263	0.000136	0.000655	0.00179	0.000116
2101 Dec	0.000331	0.00124	0.129	0.00000909	1.9	3.18	0.0488	0.000325	9.73	0.00167	0.0108	0.000385	0.000193	0.000104	0.118	0.00000263	0.000136	0.000655	0.00179	0.000116
2102 Jan	0.000331	0.00124	0.129	0.00000909	1.9	3.18	0.0488	0.000325	9.74	0.00167	0.0108	0.000385	0.000193	0.000104	0.118	0.00000263	0.000136	0.000655	0.00179	0.000116
2102 Feb	0.000331	0.00124	0.13	0.0000091	1.9	3.18	0.0488	0.000325	9.74	0.00167	0.0108	0.000385	0.000193	0.000104	0.118	0.00000263	0.000136	0.000655	0.00179	0.000116
2102 Mar	0.000331	0.00125	0.13	0.0000091	1.9	3.19	0.0488	0.000325	9.74	0.00167	0.0108	0.000385	0.000193	0.000104	0.118	0.00000263	0.000137	0.000655	0.00179	0.000116
2102 Apr	0.000332	0.00125	0.13	0.00000913	1.9	3.2	0.049	0.000326	9.77	0.00168	0.0109	0.000387	0.000194	0.000105	0.118	0.00000264	0.000137	0.000657	0.0018	0.000117
2102 May	0.000337	0.00127	0.132	0.00000927	1.93	3.25	0.0498	0.000331	9.93	0.0017	0.011	0.000393	0.000197	0.000106	0.12	0.00000268	0.000139	0.000667	0.00183	0.000119
2102 Jun	0.00032	0.0012	0.125	0.00000881	1.83	3.08	0.0473	0.000314	9.38	0.00161	0.0105	0.000373	0.000187	0.000101	0.114	0.00000254	0.000132	0.000634	0.00173	0.000112
2102 Jul	0.000318	0.00119	0.125	0.00000875	1.82	3.06	0.047	0.000312	9.35	0.00161	0.0104	0.00037	0.000186	0.0001	0.113	0.00000253	0.000131	0.00063	0.00172	0.000112
2102 Aug	0.000328	0.00123	0.129	0.00000904	1.88	3.16	0.0485	0.000322	9.65	0.00166	0.0108	0.000382	0.000192	0.000103	0.117	0.00000261	0.000136	0.000651	0.00178	0.000116
2102 Sep	0.000331	0.00124	0.13	0.00000912	1.9	3.19	0.0489	0.000325	9.73	0.00167	0.0108	0.000386	0.000194	0.000104	0.118	0.00000263	0.000137	0.000657	0.00179	0.000117
2102 Oct	0.000322	0.00121	0.126	0.00000887	1.84	3.1	0.0476	0.000315	9.43	0.00162	0.0105	0.000375	0.000188	0.000101	0.115	0.00000255	0.000133	0.000638	0.00174	0.000113
2102 Nov	0.000323	0.00121	0.126	0.00000889	1.85	3.1	0.0477	0.000316	9.45	0.00163	0.0106	0.000376	0.000189	0.000102	0.115	0.00000256	0.000133	0.00064	0.00175	0.000113
2102 Dec	0.000323	0.00121	0.127	0.00000889	1.85	3.1	0.0477	0.000316	9.46	0.00163	0.0106	0.000376	0.000189	0.000102	0.115	0.00000256	0.000133	0.00064	0.00175	0.000113
2103 Jan	0.000323	0.00121	0.127	0.0000089	1.85	3.1	0.0477	0.000316	9.46	0.00163	0.0106	0.000376	0.000189	0.000102	0.115	0.00000256	0.000133	0.00064	0.00175	0.000113
2103 Feb	0.000323	0.00121	0.127	0.0000089	1.85	3.11	0.0477	0.000317	9.46	0.00163	0.0106	0.000376	0.000189	0.000102	0.115	0.00000256	0.000133	0.000641	0.00175	0.000113
2103 Mar	0.000323	0.00121	0.127	0.00000891	1.85	3.11	0.0478	0.000317	9.47	0.00163	0.0106	0.000377	0.000189	0.000102	0.115	0.00000257	0.000133	0.000641	0.00175	0.000113
2103 Apr	0.000325	0.00122	0.127	0.00000894	1.86	3.12	0.048	0.000318	9.51	0.00164	0.0106	0.000378	0.00019	0.000102	0.116	0.00000258	0.000134	0.000644	0.00176	0.000114
2103 May	0.000327	0.00123	0.128	0.00000901	1.87	3.14	0.0483	0.00032	9.57	0.00165	0.0107	0.000381	0.000191	0.000103	0.117	0.00000259	0.000134	0.000649	0.00177	0.000114
2103 Jun	0.000303	0.00114	0.119	0.00000836	1.74	2.92	0.0448	0.000297	8.91	0.00153	0.00993	0.000353	0.000178	0.0000956	0.108	0.00000241	0.000126	0.000602	0.00164	0.000108
2103 Jul	0.000309	0.00116	0.121	0.00000851	1.77	2.98	0.0457	0.000303	9.1	0.00156	0.0101	0.00036	0.000182	0.0000975	0.11	0.00000246	0.000128	0.000613	0.00168	0.00011
2103 Aug	0.000312	0.00117	0.122	0.00000859	1.79	3	0.0461	0.000305	9.15	0.00158	0.0102	0.000363	0.000183	0.0000982	0.111	0.00000247	0.000129	0.000619	0.00169	0.000111
2103 Sep	0.000306	0.00115	0.12	0.00000844	1.76	2.95	0.0453	0.0003	9	0.00155	0.01	0.000356	0.00018	0.0000966	0.109	0.00000243	0.000127	0.000608	0.00166	0.000109
2103 Oct	0.000293	0.0011	0.115	0.0000081	1.69	2.83	0.0433	0.000288	8.66	0.00149	0.00961	0.000341	0.000173	0.0000928	0.105	0.00000234	0.000122	0.000582	0.00159	0.000105
2103 Nov	0.000291	0.00109	0.114	0.00000803	1.67	2.8	0.0429	0.000286	8.59	0.00148	0.00953	0.000338	0.000172	0.000092	0.104	0.00000232	0.000121	0.000577	0.00158	0.000105
2103 Dec	0.000291	0.00109	0.114	0.00000803	1.67	2.8	0.043	0.000286	8.59	0.00148	0.00953	0.000338	0.000172	0.000092	0.104	0.00000232	0.000122	0.000577	0.00158	0.000105
2104 Jan	0.000291	0.00109	0.114	0.00000803	1.67	2.8	0.043	0.000286	8.59	0.00148	0.00953	0.000338	0.000172	0.000092	0.104	0.00000232	0.000122	0.000577	0.00158	0.000105
2104 Feb	0.000291	0.00109	0.114	0.00000803	1.67	2.8	0.043	0.000286	8.59	0.00148	0.00953	0.000338	0.000172	0.000092	0.104	0.00000232	0.000122	0.000577	0.00158	0.000105
2104 Mar	0.000291	0.0011	0.114	0.00000804	1.68	2.81	0.043	0.000286	8.6	0.00148	0.00954	0.000338	0.000172	0.0000921	0.104	0.00000232	0.000122	0.000578	0.00158	0.000105
2104 Apr	0.000293	0.0011	0.115	0.00000809	1.69	2.83	0.0433	0.000288	8.66	0.00149	0.00961	0.00034	0.000173	0.0000927	0.105	0.00000233	0.000122	0.000581	0.00159	0.000106
2104 May	0.000294	0.00111	0.115	0.00000813	1.69	2.84	0.0435	0.00029	8.69	0.00149	0.00965	0.000342	0.000174	0.0000931	0.105	0.00000234	0.000123	0.000584	0.0016	0.000106
2104 Jun	0.000274	0.00104	0.107	0.00000757	1.58	2.65	0.0405	0.000271	8.16	0.0014	0.00899	0.000318	0.000163	0.0000871	0.0981	0.00000219	0.000116	0.000543	0.00149	0.000101
2104 Jul	0.000283	0.00107	0.111	0.00000782	1.64	2.74	0.0418	0.00028	8.45	0.00145	0.0093	0.000329	0.000168	0.0000902	0.101	0.00000227	0.00012	0.000562	0.00154	0.000105
2104 Aug	0.00029	0.0011	0.114	0.00000802	1.68	2.81	0.0429	0.000287	8.66	0.00148	0.00953	0.000337	0.000172	0.0000924	0.104	0.00000232	0.000123	0.000576	0.00158	0.000107
2104 Sep	0.000287	0.00109	0.112	0.00000794	1.66	2.78	0.0424	0.000284	8.56	0.00147	0.00943	0.000333	0.00017	0.0000914	0.103	0.0000023	0.000121	0.00057	0.00156	0.000106
2104 Oct	0.000281	0.00106	0.11	0.00000778	1.62	2.72	0.0416	0.000278	8.36	0.00143	0.00923	0.000327	0.000167	0.0000894	0.101	0.00000225	0.000119	0.000558	0.00153	0.000103
2104 Nov	0.00028	0.00106	0.11	0.00000774	1.62	2.71	0.0413	0.000277	8.32	0.00143	0.00919	0.000325	0.000166	0.0000889	0.1	0.00000224	0.000118	0.000555	0.00152	0.000103
2104 Dec	0.00028	0.00106	0.11	0.00000774	1.62	2.71	0.0414	0.000277	8.33	0.00143	0.00919	0.000325	0.000166	0.000089	0.1	0.00000224	0.000118	0.000555	0.00152	0.000103
2105 Jan	0.00028	0.00106	0.11	0.00000774	1.62	2.71	0.0414	0.000277	8.33	0.00143	0.00919	0.000325	0.000166	0.000089	0.1	0.00000224	0.000118	0.000555	0.00152	0.000103
2105 Feb	0.00028	0.00106	0.11	0.00000774	1.62	2.71	0.0414	0.000277	8.33	0.00143	0.00919	0.000325	0.000166	0.000089	0.1	0.00000224	0.000118	0.000555	0.00152	0.000103
2105 Mar	0.00028	0.00106	0.11	0.00000774	1.62	2.71	0.0414	0.000277	8.33	0.00143	0.00919	0.000325	0.000166	0.000089	0.1	0.00000224	0.000118	0.000556	0.00152	0.000103
2105 Apr	0.000281	0.00106	0.11	0.00000777	1.62	2.72	0.0415	0.000278	8.36	0.00143	0.00923	0.000326	0.000167	0.0000894	0.101	0.00000225	0.000119	0.000558	0.00153	0.000103
2105 May	0.000282	0.00106	0.11	0.00000778	1.63	2.72	0.0416	0.000279	8.38	0.00144	0.00924	0.000327	0.000167	0.0000895	0.101	0.00000225	0.000119	0.000558	0.00153	0.000104
2105 Jun	0.000279	0.00105	0.109	0.0000077	1.61	2.7	0.0412	0.000276	8.31	0.00142	0.00914	0.000323	0.000165	0.0000887	0.0999	0.00000223	0.000118	0.000552	0.00152	0.000103
2105 Jul	0.00029	0.0011	0.113	0.00000801	1.68	2.81	0.0428	0.000288	8.65	0.00148	0.00952	0.000337	0.000172	0.0000923	0.104	0.00000232	0.000123	0.000575	0.00158	0.000108
2105 Aug	0.000287	0.00108	0.112	0.00000792	1.66	2.77	0.0424	0.000284	8.53	0.00146	0.00941	0.000333	0.00017	0.0000912	0.103	0.00000229	0.000121	0.000568	0.00156	0.000106
2105 Sep	0.000276	0.00104	0.108	0.00000764	1.6	2.68	0.0408	0.000274	8.24	0.00141	0.00907	0.000321	0.000164	0.000088	0.0991	0.00000221	0.000117	0.000547	0.0015	0.000103
2105 Oct	0.000268	0.00102	0.105	0.00000743	1.56	2.6	0.0396	0.000267	8.04	0.00138	0.00882	0.000311	0.000159	0.0000857	0.0964	0.00000215	0.000115	0.000531	0.00146	0.000101
2105 Nov	0.000265	0.00101	0.104	0.00000735	1.54	2.58	0.0392	0.000265	7.96	0.00136	0.00873	0.000308	0.000158	0.0000848	0.0953	0.00000213	0.000114	0.000525	0.00144	0.0000999
2105 Dec	0.000265	0.00101	0.104	0.00000735	1.54	2.58	0.0392	0.000265	7.96	0.00136	0.00873	0.000308	0.000158	0.0000849	0.0953	0.00000213	0.000114	0.000525	0.00144	0.0000999
2106 Jan	0.000265	0.00101	0.104	0.00000735	1.54	2.58	0.0392	0.000265	7.96	0.00136	0.00873	0.000308	0.000158	0.0000849	0.0953	0.00000213	0.000114	0.000525	0.00145	0.0000999
2106 Feb	0.000266	0.00101	0.104	0.00000735	1.54	2.58	0.0392	0.000265	7.96	0.00136	0.00873	0.000308	0.000158	0.0000849	0.0953	0.00000213	0.000114	0.000525	0.00145	0.0000999
2106 Mar	0.000266	0.00101	0.104	0.00000735	1.54	2.58	0.0392	0.000265	7.97	0.00136	0.00873	0.000308	0.000158	0.0000849	0.0954	0.00000213	0.000114	0.000526	0.00145	0.0000999
2106 Apr	0.000267	0.00101	0.104	0.00000739	1.55	2.59	0.0394	0.000266	8.01	0.00137	0.00877	0.000309	0.000159	0.0000853	0.0958	0.00000214	0.000114	0.000528	0.00145	0.0001
2106 May	0.000271	0.00103	0.106	0.0000075	1.57	2.63	0.04	0.00027	8.12	0.00139	0.0089	0.000314	0.000161	0.0000865	0.0972	0.00000217	0.000116	0.000536	0.00147	0.000102

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Jun	0.000256	0.000973	0.0999	0.00000708	1.49	2.49	0.0377	0.000257	7.72	0.00132	0.00841	0.000296	0.000152	0.0000821	0.092	0.00000205	0.000111	0.000505	0.00139	0.0000979
2106 Jul	0.000265	0.00101	0.103	0.00000733	1.55	2.58	0.039	0.000266	8.02	0.00137	0.00871	0.000306	0.000158	0.0000851	0.0953	0.00000213	0.000115	0.000522	0.00144	0.000102
2106 Aug	0.000267	0.00102	0.104	0.00000739	1.56	2.6	0.0394	0.000268	8.07	0.00138	0.00878	0.000309	0.000159	0.0000858	0.0961	0.00000215	0.000116	0.000527	0.00145	0.000103
2106 Sep	0.000262	0.000997	0.103	0.00000727	1.53	2.55	0.0387	0.000264	7.9	0.00135	0.00863	0.000303	0.000156	0.0000841	0.0943	0.00000211	0.000113	0.000518	0.00143	0.0001
2106 Oct	0.00026	0.000989	0.102	0.00000721	1.51	2.53	0.0383	0.000262	7.84	0.00134	0.00856	0.0003	0.000155	0.0000834	0.0935	0.00000209	0.000112	0.000513	0.00141	0.0000995
2106 Nov	0.00026	0.000991	0.102	0.00000723	1.52	2.53	0.0384	0.000262	7.86	0.00134	0.00858	0.000301	0.000155	0.0000836	0.0938	0.00000209	0.000113	0.000514	0.00142	0.0000998
2106 Dec	0.000261	0.000992	0.102	0.00000723	1.52	2.53	0.0384	0.000262	7.86	0.00134	0.00858	0.000301	0.000155	0.0000836	0.0938	0.00000209	0.000113	0.000514	0.00142	0.0000998
2107 Jan	0.000261	0.000992	0.102	0.00000723	1.52	2.54	0.0384	0.000262	7.86	0.00134	0.00858	0.000301	0.000155	0.0000836	0.0938	0.00000209	0.000113	0.000514	0.00142	0.0000998
2107 Feb	0.000261	0.000992	0.102	0.00000723	1.52	2.54	0.0384	0.000262	7.87	0.00134	0.00858	0.000301	0.000155	0.0000837	0.0938	0.0000021	0.000113	0.000514	0.00142	0.0000998
2107 Mar	0.000261	0.000993	0.102	0.00000724	1.52	2.54	0.0385	0.000263	7.87	0.00134	0.00859	0.000302	0.000155	0.0000838	0.0939	0.0000021	0.000113	0.000515	0.00142	0.0000999
2107 Apr	0.000262	0.000995	0.102	0.00000726	1.52	2.54	0.0386	0.000263	7.89	0.00135	0.00861	0.000302	0.000156	0.000084	0.0942	0.0000021	0.000113	0.000516	0.00142	0.0001
2107 May	0.000262	0.000996	0.102	0.00000726	1.53	2.55	0.0386	0.000264	7.9	0.00135	0.00862	0.000303	0.000156	0.000084	0.0942	0.0000021	0.000113	0.000516	0.00142	0.0001
2107 Jun	0.000256	0.000978	0.1	0.00000712	1.5	2.5	0.0378	0.000259	7.77	0.00133	0.00845	0.000296	0.000153	0.0000825	0.0924	0.00000207	0.000112	0.000505	0.0014	0.0000994
2107 Jul	0.000263	0.001	0.103	0.00000731	1.54	2.56	0.0388	0.000266	7.98	0.00136	0.00868	0.000304	0.000157	0.0000847	0.0948	0.00000212	0.000115	0.000519	0.00143	0.000102
2107 Aug	0.000273	0.00104	0.107	0.0000076	1.6	2.67	0.0403	0.000277	8.29	0.00141	0.00902	0.000316	0.000163	0.0000881	0.0986	0.0000022	0.000119	0.000539	0.00149	0.000106
2107 Sep	0.000275	0.00105	0.108	0.00000766	1.61	2.69	0.0406	0.000279	8.35	0.00142	0.00909	0.000318	0.000164	0.0000887	0.0993	0.00000222	0.00012	0.000543	0.0015	0.000107
2107 Oct	0.000273	0.00104	0.107	0.00000759	1.59	2.66	0.0402	0.000276	8.26	0.00141	0.009	0.000315	0.000163	0.0000878	0.0984	0.0000022	0.000119	0.000538	0.00149	0.000105
2107 Nov	0.000272	0.00104	0.107	0.00000757	1.59	2.65	0.0401	0.000275	8.23	0.00141	0.00898	0.000315	0.000162	0.0000876	0.0981	0.00000219	0.000118	0.000537	0.00148	0.000105
2107 Dec	0.000272	0.00104	0.107	0.00000758	1.59	2.65	0.0402	0.000275	8.24	0.00141	0.00898	0.000315	0.000162	0.0000876	0.0982	0.00000219	0.000118	0.000537	0.00148	0.000105
2108 Jan	0.000272	0.00104	0.107	0.00000758	1.59	2.65	0.0402	0.000275	8.24	0.00141	0.00898	0.000315	0.000162	0.0000876	0.0982	0.00000219	0.000118	0.000537	0.00148	0.000105
2108 Feb	0.000272	0.00104	0.107	0.00000758	1.59	2.65	0.0402	0.000276	8.24	0.00141	0.00899	0.000315	0.000162	0.0000876	0.0982	0.00000219	0.000118	0.000537	0.00148	0.000105
2108 Mar	0.000273	0.00104	0.107	0.00000759	1.59	2.66	0.0402	0.000276	8.25	0.00141	0.009	0.000315	0.000162	0.0000877	0.0983	0.0000022	0.000118	0.000538	0.00149	0.000105
2108 Apr	0.000275	0.00105	0.108	0.00000766	1.61	2.68	0.0406	0.000279	8.33	0.00142	0.00908	0.000318	0.000164	0.0000886	0.0993	0.00000222	0.00012	0.000543	0.0015	0.000106
2108 May	0.000281	0.00107	0.11	0.00000782	1.64	2.74	0.0414	0.000284	8.5	0.00145	0.00927	0.000325	0.000167	0.0000904	0.101	0.00000226	0.000122	0.000554	0.00153	0.000108
2108 Jun	0.000277	0.00105	0.109	0.00000771	1.61	2.69	0.0409	0.00028	8.33	0.00143	0.00913	0.00032	0.000164	0.0000888	0.0997	0.00000222	0.00012	0.000546	0.00151	0.000106
2108 Jul	0.000292	0.00111	0.114	0.00000813	1.7	2.84	0.043	0.000295	8.77	0.0015	0.00962	0.000338	0.000173	0.0000936	0.105	0.00000234	0.000126	0.000576	0.00159	0.000111
2108 Aug	0.000309	0.00117	0.121	0.0000086	1.8	3	0.0455	0.000312	9.28	0.00159	0.0102	0.000357	0.000183	0.000099	0.111	0.00000248	0.000133	0.000609	0.00168	0.000118
2108 Sep	0.000311	0.00118	0.122	0.00000868	1.81	3.03	0.0459	0.000315	9.36	0.0016	0.0103	0.00036	0.000185	0.0000998	0.112	0.0000025	0.000135	0.000614	0.00169	0.000119
2108 Oct	0.000298	0.00113	0.117	0.00000833	1.74	2.9	0.044	0.000302	8.96	0.00154	0.00985	0.000345	0.000177	0.0000957	0.108	0.0000024	0.000129	0.000589	0.00162	0.000113
2108 Nov	0.000297	0.00113	0.117	0.00000831	1.73	2.89	0.0439	0.000301	8.92	0.00153	0.00982	0.000344	0.000177	0.0000953	0.107	0.00000239	0.000128	0.000587	0.00162	0.000113
2108 Dec	0.000298	0.00113	0.117	0.00000831	1.73	2.89	0.0439	0.000301	8.93	0.00153	0.00983	0.000344	0.000177	0.0000954	0.107	0.00000239	0.000128	0.000587	0.00162	0.000113
2109 Jan	0.000298	0.00113	0.117	0.00000831	1.73	2.89	0.0439	0.000301	8.93	0.00153	0.00983	0.000344	0.000177	0.0000954	0.107	0.00000239	0.000128	0.000587	0.00162	0.000113
2109 Feb	0.000298	0.00113	0.117	0.00000831	1.73	2.89	0.0439	0.000301	8.93	0.00153	0.00983	0.000345	0.000177	0.0000954	0.107	0.00000239	0.000128	0.000588	0.00162	0.000113
2109 Mar	0.000298	0.00113	0.117	0.00000833	1.74	2.9	0.044	0.000302	8.94	0.00154	0.00984	0.000345	0.000177	0.0000955	0.107	0.00000239	0.000129	0.000588	0.00162	0.000113
2109 Apr	0.0003	0.00114	0.118	0.00000838	1.75	2.92	0.0443	0.000304	9	0.00155	0.00991	0.000347	0.000178	0.0000961	0.108	0.00000241	0.000129	0.000592	0.00163	0.000114
2109 May	0.000302	0.00115	0.119	0.00000843	1.75	2.93	0.0445	0.000305	9.03	0.00155	0.00996	0.000349	0.000179	0.0000966	0.109	0.00000242	0.00013	0.000596	0.00164	0.000114
2109 Jun	0.000302	0.00114	0.119	0.00000843	1.75	2.93	0.0445	0.000305	9	0.00155	0.00995	0.000349	0.000179	0.0000964	0.109	0.00000241	0.00013	0.000595	0.00164	0.000113
2109 Jul	0.000312	0.00118	0.123	0.00000871	1.81	3.03	0.046	0.000315	9.3	0.0016	0.0103	0.000361	0.000185	0.0000996	0.112	0.00000249	0.000134	0.000615	0.00169	0.000117
2109 Aug	0.000323	0.00123	0.127	0.00000904	1.88	3.14	0.0477	0.000327	9.66	0.00166	0.0107	0.000375	0.000192	0.000103	0.116	0.00000259	0.000139	0.000639	0.00176	0.000122
2109 Sep	0.00032	0.00122	0.126	0.00000897	1.86	3.11	0.0473	0.000324	9.55	0.00165	0.0106	0.000371	0.00019	0.000102	0.115	0.00000256	0.000137	0.000633	0.00174	0.00012
2109 Oct	0.000308	0.00117	0.121	0.00000863	1.78	2.99	0.0455	0.000312	9.15	0.00158	0.0102	0.000357	0.000182	0.0000982	0.111	0.00000246	0.000132	0.000608	0.00167	0.000115
2109 Nov	0.000308	0.00117	0.121	0.00000864	1.78	2.99	0.0455	0.000312	9.15	0.00158	0.0102	0.000357	0.000182	0.0000982	0.111	0.00000246	0.000132	0.000608	0.00167	0.000115
2109 Dec	0.000308	0.00117	0.121	0.00000864	1.79	2.99	0.0455	0.000312	9.16	0.00158	0.0102	0.000357	0.000182	0.0000983	0.111	0.00000246	0.000132	0.000608	0.00167	0.000115
2110 Jan	0.000308	0.00117	0.121	0.00000864	1.79	2.99	0.0455	0.000312	9.16	0.00158	0.0102	0.000357	0.000182	0.0000983	0.111	0.00000246	0.000132	0.000609	0.00167	0.000115
2110 Feb	0.000308	0.00117	0.121	0.00000865	1.79	2.99	0.0455	0.000312	9.16	0.00158	0.0102	0.000357	0.000182	0.0000983	0.111	0.00000246	0.000132	0.000609	0.00168	0.000115
2110 Mar	0.000308	0.00117	0.122	0.00000866	1.79	2.99	0.0456	0.000313	9.17	0.00158	0.0102	0.000358	0.000182	0.0000984	0.111	0.00000247	0.000132	0.000609	0.00168	0.000115
2110 Apr	0.00031	0.00117	0.122	0.00000869	1.8	3.01	0.0457	0.000314	9.21	0.00159	0.0102	0.000359	0.000183	0.0000988	0.112	0.00000248	0.000133	0.000612	0.00168	0.000115
2110 May	0.000313	0.00118	0.123	0.00000877	1.81	3.03	0.0462	0.000317	9.29	0.00161	0.0103	0.000362	0.000185	0.0000997	0.113	0.0000025	0.000134	0.000618	0.0017	0.000116
2110 Jun	0.000295	0.00112	0.116	0.00000827	1.71	2.86	0.0435	0.0003	8.79	0.00152	0.00975	0.000341	0.000174	0.0000942	0.106	0.00000236	0.000127	0.000581	0.0016	0.000111
2110 Jul	0.000304	0.00115	0.12	0.00000853	1.76	2.95	0.0448	0.000309	9.06	0.00156	0.01	0.000352	0.00018	0.0000971	0.109	0.00000243	0.000131	0.000599	0.00165	0.000115
2110 Aug	0.000293	0.00111	0.115	0.00000822	1.7	2.84	0.0432	0.000298	8.73	0.00151	0.00969	0.000339	0.000173	0.0000936	0.106	0.00000234	0.000126	0.000577	0.00159	0.000111
2110 Sep	0.000277	0.00106	0.109	0.0000078	1.62	2.7	0.0408	0.000284	8.32	0.00143	0.00919	0.00032	0.000165	0.000089	0.1	0.00000223	0.000121	0.000546	0.00151	0.000106
2110 Oct	0.000263	0.00101	0.104	0.00000744	1.54	2.57	0.0387	0.000272	7.97	0.00137	0.00877	0.000303	0.000157	0.000085	0.0954	0.00000213	0.000116	0.000518	0.00144	0.000103
2110 Nov	0.00026	0.000998	0.103	0.00000736	1.53	2.54	0.0383	0.000269	7.89	0.00135	0.00867	0.0003	0.000155	0.000084	0.0942	0.0000021	0.000115	0.000511	0.00142	0.000102
2110 Dec	0.00026	0.000998	0.103	0.00000736	1.53	2.54	0.0383	0.000269	7.89	0.00135	0.00867	0.0003	0.000155	0.000084	0.0943	0.00000211	0.000115	0.000512	0.00142	0.000102
2111 Jan	0.00026	0.000998	0.103	0.00000736	1.53	2.54	0.0383	0.000269	7.89	0.00136	0.00867	0.0003	0.000155	0.0000841	0.0943	0.00000211	0.000115	0.000512	0.00142	0.000102
2111 Feb	0.00026	0.000998	0.103	0.00000736	1.53	2.54	0.0383	0.000269	7.89	0.00136	0.00867	0.0003	0.000155	0.0000841	0.0943	0.00000211	0.000115	0.000512	0.00142	0.000102
2111 Mar	0.00026	0.001	0.103	0.00000737	1.53	2.55	0.0383	0.00027	7.9	0.00136	0.00869	0.0003	0.000156	0.0000842	0.0945	0.00000211	0.000115	0.000513	0.00143	0.000102
2111 Apr	0.000262	0.00101	0.103	0.00000742	1.54	2.57	0.0386	0.000271	7.96	0.00137	0.00875	0.000302	0.000157	0.0000848	0.0951	0.00000212	0.000116	0.000516	0.00144	0.000103
2111 May	0.000265	0.00102	0.105	0.00000751	1.56	2.6	0.039	0.000275	8.05	0.00138	0.00885	0.000306	0.000158	0.0000857	0.0962	0.00000215	0.000117	0.000522	0.00145	0.000104
2111 Jun	0.000256	0.000987	0.101	0.00000727	1.51	2.51	0.0377	0.000267	7.81	0.00134	0.00857	0.000295	0.000153	0.0000831	0.0931	0.00000208	0.000114	0.000503	0.0014	0.000102
2111 Jul	0.000271	0.00104	0.107	0.00000767	1.6	2.65	0.0398	0.000282	8.25	0.00142	0.00905	0.000311	0.000162	0.0000878	0.0983	0.0000022	0.00012	0.000532	0.00148	0.000107
2111 Aug	0.000269	0.00103	0.106	0.00000762	1.58	2.63	0.0395	0.00028	8.18	0.0014	0.00898	0.000309	0.00016	0.0000871	0.0976	0.00000218	0.000119	0.000528	0.00147	0.000106
2111 Sep	0.000268	0.00103	0.106	0.0000076	1.57	2.62	0.0394	0.000279	8.12	0.0014	0.00895	0.000308	0.00016	0.0000866	0.0972	0.00000217	0.000118	0.000526	0.00146	0.000105
2111 Oct	0.000259	0.000997	0.102	0.00000736	1.53	2.54	0.038	0.000271	7.88	0.00135	0.00866	0.000297	0.000154	0.0000839	0.0941	0.0000021	0.000115	0.000508	0.00142	0.000102
2111 Nov	0.000253	0.000979	0.1	0.00000721	1.5	2.49	0.0372	0.000266	7.75	0.00133	0.00849	0.000291	0.000151	0.0000823	0.0922	0.00000206	0.000113	0.000497	0.00139	0.000101
2111 Dec	0.000253	0.000979	0.1	0.00000721	1.5	2.49	0.0372	0.000266	7.75	0.00133	0.0085	0.000291	0.000152	0.0000824	0.0923	0.00000206	0.000113	0.000497	0.00139	0.000101

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2112 Jan	0.000253	0.000979	0.1	0.00000721	1.5	2.49	0.0372	0.000266	7.75	0.00133	0.0085	0.000291	0.000152	0.0000824	0.0923	0.00000206	0.000113	0.000497	0.00139	0.000101
2112 Feb	0.000253	0.000979	0.1	0.00000722	1.5	2.49	0.0372	0.000266	7.75	0.00133	0.0085	0.000291	0.000152	0.0000824	0.0923	0.00000206	0.000113	0.000497	0.00139	0.000101
2112 Mar	0.000254	0.000981	0.1	0.00000723	1.5	2.5	0.0373	0.000267	7.77	0.00133	0.00852	0.000292	0.000152	0.0000826	0.0925	0.00000207	0.000114	0.000498	0.00139	0.000101
2112 Apr	0.000255	0.000987	0.101	0.00000727	1.51	2.51	0.0375	0.000268	7.81	0.00134	0.00857	0.000294	0.000153	0.000083	0.093	0.00000208	0.000114	0.000501	0.0014	0.000102
2112 May	0.000257	0.000994	0.102	0.00000733	1.52	2.53	0.0378	0.00027	7.87	0.00135	0.00863	0.000295	0.000154	0.0000836	0.0937	0.00000209	0.000115	0.000505	0.00141	0.000103
2112 Jun	0.000235	0.000912	0.0926	0.00000668	1.4	2.32	0.0345	0.000249	7.26	0.00124	0.00788	0.000269	0.000141	0.0000768	0.0858	0.00000192	0.000107	0.00046	0.00129	0.0000961
2112 Jul	0.00024	0.00093	0.0944	0.00000681	1.42	2.36	0.0352	0.000254	7.41	0.00126	0.00804	0.000275	0.000144	0.0000784	0.0875	0.00000196	0.000109	0.000469	0.00131	0.0000983
2112 Aug	0.000248	0.000963	0.0978	0.00000705	1.47	2.45	0.0364	0.000263	7.67	0.00131	0.00832	0.000284	0.000149	0.0000811	0.0906	0.00000203	0.000113	0.000485	0.00136	0.000102
2112 Sep	0.000248	0.000962	0.0977	0.00000705	1.47	2.44	0.0364	0.000263	7.66	0.00131	0.00831	0.000284	0.000148	0.0000811	0.0905	0.00000202	0.000113	0.000485	0.00136	0.000102
2112 Oct	0.000246	0.000953	0.0969	0.00000699	1.46	2.42	0.0361	0.00026	7.59	0.0013	0.00824	0.000282	0.000147	0.0000804	0.0897	0.00000201	0.000111	0.000481	0.00135	0.000101
2112 Nov	0.000246	0.000954	0.097	0.00000699	1.46	2.42	0.0361	0.000261	7.59	0.0013	0.00825	0.000282	0.000147	0.0000804	0.0898	0.00000201	0.000111	0.000481	0.00135	0.000101
2112 Dec	0.000246	0.000954	0.097	0.000007	1.46	2.43	0.0361	0.000261	7.59	0.0013	0.00825	0.000282	0.000147	0.0000804	0.0898	0.00000201	0.000112	0.000481	0.00135	0.000101
2113 Jan	0.000246	0.000954	0.097	0.000007	1.46	2.43	0.0361	0.000261	7.59	0.0013	0.00825	0.000282	0.000147	0.0000804	0.0898	0.00000201	0.000112	0.000481	0.00135	0.000101
2113 Feb	0.000246	0.000955	0.0971	0.000007	1.46	2.43	0.0361	0.000261	7.59	0.0013	0.00826	0.000282	0.000147	0.0000804	0.0899	0.00000201	0.000112	0.000481	0.00135	0.000101
2113 Mar	0.000247	0.000958	0.0974	0.00000702	1.47	2.43	0.0363	0.000262	7.62	0.0013	0.00828	0.000283	0.000148	0.0000807	0.0901	0.00000202	0.000112	0.000483	0.00135	0.000101
2113 Apr	0.000248	0.000963	0.098	0.00000707	1.48	2.45	0.0365	0.000263	7.66	0.00131	0.00833	0.000285	0.000149	0.0000812	0.0907	0.00000203	0.000113	0.000486	0.00136	0.000102
2113 May	0.000251	0.000974	0.0991	0.00000715	1.49	2.48	0.0369	0.000266	7.74	0.00132	0.00843	0.000289	0.00015	0.0000821	0.0917	0.00000205	0.000114	0.000492	0.00138	0.000102
2113 Jun	0.000244	0.000945	0.0963	0.00000693	1.45	2.41	0.0359	0.000258	7.52	0.00129	0.00817	0.000281	0.000146	0.0000797	0.0891	0.00000199	0.000111	0.000478	0.00133	0.0000998
2113 Jul	0.000254	0.000982	0.1	0.0000072	1.5	2.5	0.0373	0.000268	7.81	0.00134	0.00849	0.000291	0.000152	0.0000828	0.0926	0.00000206	0.000115	0.000496	0.00139	0.000104
2113 Aug	0.000261	0.00101	0.103	0.00000742	1.55	2.57	0.0384	0.000276	8.04	0.00138	0.00874	0.0003	0.000156	0.0000853	0.0953	0.00000213	0.000118	0.000511	0.00143	0.000107
2113 Sep	0.000259	0.001	0.102	0.00000736	1.53	2.55	0.0381	0.000274	7.96	0.00136	0.00867	0.000298	0.000155	0.0000845	0.0945	0.00000211	0.000117	0.000507	0.00141	0.000106
2113 Oct	0.000247	0.000953	0.0972	0.00000701	1.46	2.43	0.0362	0.000261	7.57	0.0013	0.00825	0.000283	0.000147	0.0000804	0.0899	0.000002	0.000111	0.000482	0.00134	0.0001
2113 Nov	0.000245	0.000946	0.0964	0.00000695	1.45	2.41	0.0359	0.000259	7.52	0.00129	0.00818	0.000281	0.000146	0.0000798	0.0892	0.00000199	0.000111	0.000478	0.00133	0.0000998
2113 Dec	0.000245	0.000946	0.0965	0.00000695	1.45	2.41	0.036	0.000259	7.52	0.00129	0.00819	0.000281	0.000146	0.0000799	0.0893	0.00000199	0.000111	0.000478	0.00133	0.0000999
2114 Jan	0.000245	0.000946	0.0965	0.00000696	1.45	2.41	0.036	0.000259	7.52	0.00129	0.00819	0.000281	0.000146	0.0000799	0.0893	0.00000199	0.000111	0.000478	0.00134	0.0000999
2114 Feb	0.000245	0.000947	0.0965	0.00000696	1.45	2.41	0.036	0.000259	7.52	0.00129	0.00819	0.000281	0.000146	0.0000799	0.0893	0.00000199	0.000111	0.000478	0.00134	0.0000999
2114 Mar	0.000245	0.000948	0.0967	0.00000697	1.45	2.41	0.036	0.00026	7.54	0.00129	0.0082	0.000282	0.000146	0.00008	0.0895	0.00000199	0.000111	0.000479	0.00134	0.0001
2114 Apr	0.000246	0.000952	0.0971	0.000007	1.46	2.42	0.0362	0.000261	7.57	0.0013	0.00824	0.000283	0.000147	0.0000803	0.0898	0.000002	0.000111	0.000481	0.00134	0.000101
2114 May	0.000246	0.00095	0.0968	0.00000698	1.46	2.42	0.0361	0.00026	7.55	0.00129	0.00822	0.000282	0.000147	0.0000801	0.0896	0.000002	0.000111	0.00048	0.00134	0.0001
2114 Jun	0.000248	0.000958	0.0976	0.00000703	1.47	2.44	0.0364	0.000263	7.63	0.0013	0.00828	0.000284	0.000148	0.0000809	0.0904	0.00000201	0.000113	0.000484	0.00135	0.000102
2114 Jul	0.000263	0.00102	0.104	0.00000748	1.56	2.6	0.0387	0.00028	8.11	0.00139	0.00881	0.000303	0.000157	0.000086	0.0961	0.00000214	0.00012	0.000514	0.00144	0.000108
2114 Aug	0.000279	0.00108	0.11	0.00000792	1.65	2.75	0.041	0.000296	8.59	0.00147	0.00933	0.00032	0.000166	0.0000911	0.102	0.00000227	0.000127	0.000545	0.00152	0.000115
2114 Sep	0.000275	0.00106	0.108	0.00000781	1.63	2.71	0.0404	0.000292	8.47	0.00145	0.0092	0.000316	0.000164	0.0000898	0.1	0.00000223	0.000125	0.000537	0.0015	0.000113
2114 Oct	0.000268	0.00104	0.106	0.00000761	1.59	2.64	0.0393	0.000285	8.23	0.00141	0.00896	0.000308	0.000159	0.0000874	0.0977	0.00000217	0.000121	0.000523	0.00146	0.000109
2114 Nov	0.000262	0.00101	0.104	0.00000746	1.55	2.58	0.0385	0.000278	8	0.00138	0.00877	0.000301	0.000155	0.0000852	0.0956	0.00000212	0.000118	0.000512	0.00142	0.000106
2114 Dec	0.000262	0.00101	0.103	0.00000745	1.55	2.58	0.0385	0.000278	8	0.00137	0.00876	0.000301	0.000155	0.0000852	0.0955	0.00000212	0.000118	0.000512	0.00142	0.000106
2115 Jan	0.000262	0.00101	0.104	0.00000746	1.55	2.58	0.0385	0.000278	8	0.00137	0.00877	0.000301	0.000155	0.0000852	0.0955	0.00000212	0.000118	0.000512	0.00142	0.000106
2115 Feb	0.000262	0.00101	0.104	0.00000746	1.55	2.58	0.0385	0.000278	8	0.00138	0.00877	0.000301	0.000155	0.0000852	0.0956	0.00000212	0.000118	0.000512	0.00142	0.000106
2115 Mar	0.000262	0.00101	0.104	0.00000746	1.55	2.58	0.0386	0.000279	8.01	0.00138	0.00878	0.000302	0.000156	0.0000853	0.0956	0.00000212	0.000118	0.000512	0.00143	0.000106
2115 Apr	0.000264	0.00102	0.104	0.00000751	1.56	2.59	0.0388	0.00028	8.06	0.00138	0.00883	0.000303	0.000157	0.0000858	0.0962	0.00000213	0.000119	0.000515	0.00143	0.000106
2115 May	0.000264	0.00102	0.104	0.0000075	1.56	2.59	0.0388	0.00028	8.04	0.00138	0.00882	0.000303	0.000156	0.0000857	0.0962	0.00000213	0.000119	0.000515	0.00143	0.000106
2115 Jun	0.000271	0.00104	0.107	0.00000771	1.6	2.67	0.0399	0.000288	8.27	0.00142	0.00906	0.000312	0.00016	0.0000881	0.0988	0.00000219	0.000122	0.000529	0.00147	0.000109
2115 Jul	0.000285	0.0011	0.113	0.00000811	1.68	2.8	0.042	0.000303	8.7	0.0015	0.00954	0.000328	0.000169	0.0000927	0.104	0.0000023	0.000128	0.000557	0.00155	0.000115
2115 Aug	0.000281	0.00108	0.111	0.000008	1.66	2.76	0.0414	0.000299	8.57	0.00147	0.0094	0.000324	0.000166	0.0000913	0.103	0.00000227	0.000126	0.000549	0.00153	0.000113
2115 Sep	0.000282	0.00109	0.112	0.00000804	1.66	2.77	0.0416	0.0003	8.59	0.00148	0.00944	0.000325	0.000167	0.0000916	0.103	0.00000228	0.000127	0.000551	0.00153	0.000113
2115 Oct	0.000282	0.00109	0.112	0.00000803	1.66	2.77	0.0415	0.0003	8.57	0.00148	0.00944	0.000325	0.000167	0.0000915	0.103	0.00000228	0.000126	0.000551	0.00153	0.000113
2115 Nov	0.00028	0.00108	0.111	0.00000797	1.65	2.75	0.0412	0.000297	8.47	0.00146	0.00935	0.000322	0.000165	0.0000906	0.102	0.00000225	0.000125	0.000546	0.00151	0.000111
2115 Dec	0.00028	0.00108	0.111	0.00000797	1.65	2.75	0.0412	0.000297	8.48	0.00146	0.00935	0.000323	0.000165	0.0000906	0.102	0.00000225	0.000125	0.000546	0.00151	0.000111
2116 Jan	0.00028	0.00108	0.111	0.00000797	1.65	2.75	0.0412	0.000297	8.48	0.00146	0.00935	0.000323	0.000165	0.0000906	0.102	0.00000225	0.000125	0.000547	0.00152	0.000111
2116 Feb	0.00028	0.00108	0.111	0.00000797	1.65	2.75	0.0412	0.000297	8.48	0.00146	0.00936	0.000323	0.000165	0.0000906	0.102	0.00000225	0.000125	0.000547	0.00152	0.000111
2116 Mar	0.00028	0.00108	0.111	0.00000798	1.65	2.75	0.0413	0.000298	8.49	0.00147	0.00937	0.000323	0.000165	0.0000907	0.102	0.00000226	0.000125	0.000547	0.00152	0.000111
2116 Apr	0.000282	0.00108	0.112	0.00000803	1.66	2.77	0.0415	0.000299	8.54	0.00147	0.00942	0.000325	0.000166	0.0000912	0.103	0.00000227	0.000126	0.00055	0.00153	0.000112
2116 May	0.000284	0.00109	0.112	0.00000808	1.67	2.78	0.0418	0.000302	8.59	0.00148	0.00948	0.000327	0.000167	0.0000918	0.103	0.00000228	0.000127	0.000554	0.00154	0.000113
2116 Jun	0.000264	0.00101	0.104	0.00000749	1.55	2.59	0.0389	0.000281	8.01	0.00138	0.00879	0.000305	0.000155	0.0000856	0.0962	0.00000212	0.000118	0.000515	0.00142	0.000106
2116 Jul	0.000278	0.00107	0.11	0.00000788	1.64	2.73	0.041	0.000296	8.44	0.00145	0.00925	0.000321	0.000163	0.0000901	0.101	0.00000223	0.000125	0.000541	0.0015	0.000112
2116 Aug	0.000291	0.00112	0.115	0.00000823	1.71	2.85	0.0428	0.000309	8.82	0.00152	0.00967	0.000335	0.000171	0.0000942	0.106	0.00000233	0.00013	0.000566	0.00156	0.000117
2116 Sep	0.000283	0.00109	0.112	0.00000803	1.66	2.78	0.0417	0.000301	8.58	0.00148	0.00942	0.000327	0.000166	0.0000917	0.103	0.00000227	0.000127	0.000552	0.00152	0.000113
2116 Oct	0.000276	0.00105	0.109	0.00000781	1.61	2.7	0.0406	0.000292	8.3	0.00143	0.00916	0.000318	0.000161	0.0000889	0.1	0.0000022	0.000123	0.000536	0.00148	0.000109
2116 Nov	0.000275	0.00105	0.109	0.0000078	1.61	2.7	0.0406	0.000292	8.3	0.00143	0.00916	0.000318	0.000161	0.0000889	0.1	0.0000022	0.000123	0.000536	0.00148	0.000109
2116 Dec	0.000275	0.00105	0.109	0.00000781	1.61	2.7	0.0406	0.000293	8.31	0.00143	0.00916	0.000318	0.000161	0.0000889	0.1	0.0000022	0.000123	0.000536	0.00148	0.000109
2117 Jan	0.000276	0.00105	0.109	0.00000781	1.61	2.7	0.0406	0.000293	8.31	0.00143	0.00916	0.000318	0.000161	0.0000889	0.1	0.0000022	0.000123	0.000536	0.00148	0.000109
2117 Feb	0.000276	0.00105	0.109	0.00000781	1.61	2.7	0.0406	0.000293	8.31	0.00143	0.00916	0.000318	0.000161	0.0000889	0.1	0.0000022	0.000123	0.000536	0.00148	0.000109
2117 Mar	0.000276	0.00105	0.109	0.00000782	1.62	2.7	0.0407	0.000293	8.32	0.00144	0.00917	0.000318	0.000161	0.000089	0.1	0.0000022	0.000123	0.000537	0.00148	0.000109
2117 Apr	0.000278	0.00106	0.11	0.00000787	1.63	2.72	0.0409	0.000295	8.37	0.00145	0.00923	0.000321	0.000162	0.0000897	0.101	0.00000222	0.000124	0.000541	0.00149	0.00011
2117 May	0.000281	0.00107	0.111	0.00000795	1.64	2.75	0.0414	0.000298	8.46	0.00146	0.00933	0.000324	0.000164	0.0000906	0.102	0.00000224	0.000125	0.000547	0.00151	0.000111
2117 Jun	0.000282	0.00108	0.111	0.00000798	1.65	2.76	0.0416	0.0003	8.5	0.00147	0.00937	0.000326	0.000165	0.000091	0.103	0.00000225	0.000126	0.000549	0.00151	0.000112
2117 Jul	0.000298	0.00114	0.118	0.00000843	1.75	2.92	0.0439	0.000317	8.97	0.00155	0.00989	0.000344	0.000174	0.0000961	0.108	0.00000238	0.000133	0.00058	0.0016	0.000118

Appendix C.2-4: B5

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2117 Aug	0.000307	0.00117	0.121	0.00000868	1.8	3	0.0452	0.000326	9.24	0.0016	0.0102	0.000354	0.000179	0.0000989	0.112	0.00000244	0.000137	0.000597	0.00164	0.000122
2117 Sep	0.00031	0.00119	0.123	0.00000878	1.82	3.04	0.0457	0.00033	9.34	0.00161	0.0103	0.000358	0.000181	0.0001	0.113	0.00000247	0.000138	0.000603	0.00166	0.000123
2117 Oct	0.000307	0.00117	0.121	0.00000869	1.8	3.01	0.0453	0.000326	9.25	0.0016	0.0102	0.000355	0.000179	0.0000991	0.112	0.00000245	0.000137	0.000598	0.00164	0.000122
2117 Nov	0.000306	0.00117	0.121	0.00000866	1.79	3	0.0451	0.000325	9.21	0.00159	0.0102	0.000353	0.000179	0.0000987	0.111	0.00000244	0.000136	0.000595	0.00164	0.000121
2117 Dec	0.000306	0.00117	0.121	0.00000866	1.79	3	0.0451	0.000325	9.21	0.00159	0.0102	0.000353	0.000179	0.0000987	0.111	0.00000244	0.000136	0.000595	0.00164	0.000121
2118 Jan	0.000306	0.00117	0.121	0.00000866	1.79	3	0.0451	0.000325	9.22	0.00159	0.0102	0.000353	0.000179	0.0000987	0.111	0.00000244	0.000136	0.000595	0.00164	0.000121
2118 Feb	0.000306	0.00117	0.121	0.00000866	1.79	3	0.0451	0.000325	9.22	0.00159	0.0102	0.000353	0.000179	0.0000987	0.111	0.00000244	0.000136	0.000595	0.00164	0.000122
2118 Mar	0.000306	0.00117	0.121	0.00000867	1.79	3	0.0451	0.000326	9.22	0.00159	0.0102	0.000354	0.000179	0.0000988	0.111	0.00000244	0.000137	0.000596	0.00164	0.000122
2118 Apr	0.000308	0.00118	0.122	0.00000871	1.8	3.01	0.0453	0.000327	9.27	0.0016	0.0102	0.000355	0.00018	0.0000993	0.112	0.00000245	0.000137	0.000599	0.00165	0.000122
2118 May	0.000305	0.00116	0.121	0.00000862	1.78	2.98	0.045	0.000323	9.13	0.00158	0.0101	0.000353	0.000177	0.000098	0.111	0.00000242	0.000135	0.000594	0.00163	0.00012
2118 Jun	0.000288	0.00109	0.114	0.00000809	1.68	2.81	0.0426	0.000304	8.59	0.00149	0.00949	0.000334	0.000167	0.0000924	0.105	0.00000227	0.000127	0.000561	0.00153	0.000113
2118 Jul	0.000307	0.00116	0.121	0.00000861	1.78	2.99	0.0453	0.000323	9.13	0.00158	0.0101	0.000356	0.000177	0.0000982	0.111	0.00000241	0.000135	0.000596	0.00162	0.00012
2118 Aug	0.000307	0.00116	0.121	0.00000863	1.79	3	0.0454	0.000324	9.15	0.00159	0.0101	0.000356	0.000178	0.0000984	0.111	0.00000242	0.000135	0.000597	0.00163	0.00012
2118 Sep	0.000294	0.00111	0.116	0.00000826	1.71	2.87	0.0436	0.00031	8.72	0.00152	0.00967	0.000342	0.00017	0.000094	0.107	0.00000231	0.000129	0.000572	0.00155	0.000114
2118 Oct	0.000286	0.00108	0.113	0.00000802	1.66	2.79	0.0423	0.000301	8.49	0.00147	0.0094	0.000332	0.000165	0.0000915	0.104	0.00000224	0.000126	0.000556	0.00151	0.000111
2118 Nov	0.000284	0.00107	0.112	0.00000796	1.65	2.77	0.042	0.000299	8.43	0.00146	0.00933	0.00033	0.000164	0.0000908	0.103	0.00000223	0.000125	0.000552	0.0015	0.000111
2118 Dec	0.000284	0.00107	0.112	0.00000796	1.65	2.77	0.042	0.000299	8.44	0.00146	0.00933	0.00033	0.000164	0.0000909	0.103	0.00000223	0.000125	0.000552	0.0015	0.000111
2119 Jan	0.000284	0.00107	0.112	0.00000796	1.65	2.77	0.042	0.000299	8.44	0.00146	0.00933	0.00033	0.000164	0.0000909	0.103	0.00000223	0.000125	0.000552	0.0015	0.000111
2119 Feb	0.000284	0.00107	0.112	0.00000797	1.65	2.77	0.0421	0.000299	8.44	0.00146	0.00934	0.00033	0.000164	0.0000909	0.103	0.00000223	0.000125	0.000552	0.0015	0.000111
2119 Mar	0.000285	0.00108	0.112	0.00000798	1.65	2.77	0.0421	0.0003	8.46	0.00147	0.00936	0.00033	0.000164	0.0000911	0.103	0.00000223	0.000125	0.000553	0.0015	0.000111
2119 Apr	0.000287	0.00108	0.113	0.00000805	1.67	2.8	0.0425	0.000303	8.53	0.00148	0.00943	0.000333	0.000165	0.0000919	0.104	0.00000225	0.000126	0.000558	0.00151	0.000112
2119 May	0.00028	0.00105	0.11	0.0000078	1.62	2.72	0.0414	0.000294	8.28	0.00144	0.00914	0.000324	0.00016	0.0000892	0.101	0.00000218	0.000123	0.000542	0.00147	0.000109
2119 Jun	0.000275	0.00104	0.108	0.00000765	1.59	2.68	0.0408	0.000289	8.16	0.00141	0.00898	0.000318	0.000158	0.0000877	0.0995	0.00000214	0.000121	0.000533	0.00144	0.000108
2119 Jul	0.000291	0.0011	0.114	0.00000809	1.68	2.83	0.0431	0.000306	8.63	0.0015	0.0095	0.000337	0.000167	0.0000928	0.105	0.00000227	0.000128	0.000564	0.00152	0.000114
2119 Aug	0.000299	0.00113	0.118	0.00000832	1.73	2.91	0.0443	0.000314	8.87	0.00154	0.00976	0.000346	0.000171	0.0000954	0.108	0.00000233	0.000132	0.00058	0.00156	0.000117
2119 Sep	0.000294	0.0011	0.115	0.00000816	1.7	2.86	0.0435	0.000308	8.69	0.00151	0.00958	0.00034	0.000168	0.0000935	0.106	0.00000228	0.000129	0.000569	0.00153	0.000115
2119 Oct	0.000288	0.00108	0.113	0.00000799	1.66	2.79	0.0427	0.000302	8.48	0.00147	0.00937	0.000333	0.000164	0.0000914	0.104	0.00000223	0.000126	0.000558	0.0015	0.000112
2119 Nov	0.000285	0.00107	0.112	0.0000079	1.64	2.76	0.0422	0.000298	8.39	0.00146	0.00927	0.000329	0.000162	0.0000904	0.103	0.00000221	0.000125	0.000552	0.00148	0.000111
2119 Dec	0.000285	0.00107	0.112	0.0000079	1.64	2.77	0.0422	0.000299	8.4	0.00146	0.00927	0.000329	0.000162	0.0000905	0.103	0.00000221	0.000125	0.000552	0.00148	0.000111

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	51.1	0.0381	0.00866	0.00107	10.7	0.0283	3.84	0.000989	0.000989	0.00000495	0.00711	0.000965	0.0103	0.0128	0.00000496	11.7	0.0000177	0.000188
Operation (2024-2031): Mean	75.1	0.0894	0.0728	0.0022	15	0.0362	7.06	0.00115	0.00115	0.00000577	0.00825	0.00126	0.0147	0.0192	0.00000579	17.1	0.0000202	0.000252
Operation (2024-2031): Max	108	0.161	0.161	0.00361	21.3	0.0401	11.6	0.00133	0.00133	0.00000664	0.00967	0.00165	0.0184	0.0304	0.00000667	25.3	0.0000251	0.000357
Active Closure (2032-2038): Min	53.1	0.0643	0.043	0.00147	10.7	0.0238	5.61	0.000864	0.000864	0.00000433	0.00619	0.000887	0.0116	0.0124	0.00000434	11.3	0.0000155	0.000177
Active Closure (2032-2038): Mean	71.8	0.109	0.092	0.00238	16.8	0.0342	9.35	0.00102	0.00102	0.00000512	0.00747	0.00125	0.0155	0.0204	0.00000515	18.5	0.0000186	0.000254
Active Closure (2032-2038): Max	113	0.168	0.169	0.00377	22.2	0.0417	12.5	0.00133	0.00133	0.00000665	0.00931	0.00182	0.0192	0.0342	0.00000666	29.1	0.0000251	0.000404
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Post Closure (2039-2119): Min	43	0.019	0.0091	0.000996	8.53	0.0215	3.62	0.000913	0.000913	0.00000459	0.00585	0.000861	0.00943	0.0115	0.0000046	10.7	0.0000112	0.000175
Post Closure (2039-2119): Mean	64.3	0.0655	0.0281	0.00137	14.3	0.0344	8.85	0.00103	0.00103	0.00000518	0.00729	0.00124	0.0149	0.0207	0.0000052	18.6	0.0000178	0.000258
Post Closure (2039-2119): Max	107	0.149	0.158	0.00369	24.2	0.0457	19.8	0.0014	0.0014	0.00000701	0.00964	0.0021	0.0268	0.0432	0.00000703	35.7	0.000028	0.000487
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
Constituents	**Total Dissolved Solids**	**Ammonia-N**	**Nitrate-N**	**Nitrite-N**	**Chloride**	**Fluoride**	**Sulphate**	**Total Cyanide**	**Weakly Acid Dissociable Cyanide**	**Silver**	**Aluminum**	**Arsenic**	**Boron**	**Barium**	**Beryllium**	**Calcium**	**Cadmium**	**Cobalt**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2024 Jan	67.1	0.0661	0.0128	0.00122	15.3	0.0376	5.52	0.00122	0.00122	0.0000061	0.0085	0.00151	0.0122	0.0266	0.0000061	22.5	0.00002	0.000313
2024 Feb	67.1	0.0661	0.0128	0.00122	15.3	0.0376	5.52	0.00122	0.00122	0.0000061	0.0085	0.00151	0.0122	0.0266	0.0000061	22.5	0.00002	0.000313
2024 Mar	67.3	0.0662	0.0129	0.00122	15.4	0.0377	5.54	0.00122	0.00122	0.00000612	0.00852	0.00152	0.0123	0.0267	0.00000612	22.5	0.00002	0.000314
2024 Apr	67.6	0.0665	0.0129	0.00123	15.4	0.0378	5.56	0.00123	0.00123	0.00000614	0.00856	0.00152	0.0123	0.0268	0.00000614	22.6	0.0000201	0.000316
2024 May	70.9	0.0687	0.0139	0.00125	16.2	0.038	5.83	0.00125	0.00125	0.00000627	0.00872	0.00159	0.0125	0.0284	0.00000627	23.9	0.0000208	0.000333
2024 Jun	66	0.0559	0.0142	0.00107	14.9	0.0283	5.25	0.00107	0.00107	0.00000534	0.00742	0.00144	0.0103	0.0275	0.00000534	22.8	0.0000197	0.000321
2024 Jul	71.5	0.0588	0.0153	0.0012	16.1	0.0317	5.65	0.0012	0.0012	0.00000598	0.00829	0.00158	0.0115	0.0296	0.00000598	24.5	0.000022	0.000348
2024 Aug	74.1	0.0611	0.0155	0.00127	16.7	0.0352	5.9	0.00127	0.00127	0.00000635	0.00865	0.00165	0.0124	0.0304	0.00000635	25.3	0.000022	0.000357
2024 Sep	69.3	0.0629	0.0139	0.00121	15.8	0.036	5.62	0.00121	0.00121	0.00000606	0.0083	0.00155	0.0122	0.0279	0.00000606	23.5	0.00002	0.00033
2024 Oct	68.4	0.0662	0.0134	0.0012	15.7	0.0367	5.61	0.0012	0.0012	0.00000602	0.00834	0.00152	0.0122	0.0274	0.00000602	23.1	0.0000197	0.000323
2024 Nov	68.2	0.0677	0.0132	0.0012	15.7	0.037	5.62	0.0012	0.0012	0.00000601	0.00838	0.00152	0.0122	0.0272	0.00000601	23	0.0000197	0.000321
2024 Dec	68.3	0.0679	0.0132	0.0012	15.7	0.0371	5.63	0.0012	0.0012	0.00000602	0.0084	0.00152	0.0123	0.0272	0.00000602	23	0.0000197	0.000321
2025 Jan	68.3	0.0679	0.0132	0.0012	15.7	0.0371	5.63	0.0012	0.0012	0.00000602	0.0084	0.00152	0.0123	0.0272	0.00000602	23	0.0000197	0.000321
2025 Feb	68.4	0.0679	0.0132	0.0012	15.7	0.0371	5.63	0.0012	0.0012	0.00000602	0.0084	0.00152	0.0123	0.0272	0.00000602	23	0.0000197	0.000322
2025 Mar	68.4	0.0679	0.0132	0.00121	15.7	0.0371	5.64	0.00121	0.00121	0.00000603	0.0084	0.00152	0.0123	0.0272	0.00000603	23	0.0000197	0.000322
2025 Apr	68.5	0.068	0.0133	0.00121	15.8	0.0372	5.65	0.00121	0.00121	0.00000604	0.00842	0.00152	0.0123	0.0273	0.00000604	23.1	0.0000198	0.000322
2025 May	71.3	0.0708	0.0138	0.00126	16.4	0.0387	5.88	0.00126	0.00126	0.00000629	0.00876	0.00159	0.0128	0.0284	0.00000629	24	0.0000206	0.000336
2025 Jun	63.9	0.0583	0.0124	0.0012	14.2	0.0348	5.07	0.0012	0.0012	0.000006	0.00846	0.00144	0.0122	0.0248	0.000006	21.1	0.0000209	0.000307
2025 Jul	51.3	0.0381	0.00987	0.0011	10.8	0.0297	3.84	0.0011	0.0011	0.00000548	0.00768	0.0012	0.0109	0.0192	0.00000548	16.3	0.0000197	0.000251
2025 Aug	55.8	0.041	0.0106	0.00121	11.8	0.034	4.23	0.00121	0.00121	0.00000605	0.00831	0.00132	0.012	0.0209	0.00000605	17.7	0.0000206	0.000269
2025 Sep	55.6	0.0447	0.0102	0.0012	11.9	0.0352	4.29	0.0012	0.0012	0.000006	0.00826	0.00131	0.0121	0.0206	0.000006	17.6	0.0000198	0.000265
2025 Oct	52.7	0.0504	0.00917	0.00113	11.5	0.0348	4.2	0.00113	0.00113	0.00000563	0.00793	0.00123	0.0116	0.0193	0.00000563	16.7	0.0000184	0.000246
2025 Nov	51.1	0.0528	0.00866	0.00109	11.3	0.0344	4.14	0.00109	0.00109	0.00000543	0.00774	0.00119	0.0112	0.0187	0.00000543	16.2	0.0000177	0.000236
2025 Dec	51.1	0.0529	0.00867	0.00109	11.3	0.0345	4.15	0.00109	0.00109	0.00000544	0.00775	0.00119	0.0113	0.0187	0.00000544	16.2	0.0000177	0.000237
2026 Jan	51.2	0.0529	0.00867	0.00109	11.3	0.0345	4.15	0.00109	0.00109	0.00000544	0.00775	0.00119	0.0113	0.0187	0.00000544	16.2	0.0000177	0.000237
2026 Feb	51.2	0.0529	0.00867	0.00109	11.3	0.0345	4.15	0.00109	0.00109	0.00000544	0.00775	0.00119	0.0113	0.0187	0.00000544	16.2	0.0000177	0.000237
2026 Mar	51.3	0.053	0.00873	0.00109	11.3	0.0346	4.16	0.00109	0.00109	0.00000545	0.00776	0.00119	0.0113	0.0187	0.00000545	16.2	0.0000177	0.000237
2026 Apr	51.7	0.0535	0.0089	0.0011	11.4	0.0348	4.19	0.0011	0.0011	0.00000549	0.00783	0.0012	0.0114	0.0189	0.00000549	16.3	0.0000179	0.000239
2026 May	54.8	0.0576	0.0129	0.0012	12	0.036	4.51	0.00113	0.00113	0.00000567	0.00808	0.00125	0.0119	0.0195	0.00000567	16.9	0.0000185	0.000247
2026 Jun	53.4	0.0502	0.0271	0.00133	10.9	0.0284	4.36	0.00102	0.00102	0.00000512	0.00739	0.0011	0.0112	0.017	0.00000512	14.8	0.0000192	0.000231
2026 Jul	58	0.053	0.0338	0.00152	11.5	0.0304	4.75	0.00111	0.00111	0.00000557	0.00801	0.00117	0.0123	0.0177	0.00000558	15.4	0.000021	0.000244
2026 Aug	67.3	0.0673	0.0551	0.00193	13.3	0.0343	5.94	0.00117	0.00117	0.00000587	0.00821	0.00125	0.0139	0.0185	0.00000588	16.3	0.0000207	0.000248
2026 Sep	75.2	0.0828	0.0729	0.00226	14.8	0.0367	6.94	0.00121	0.00121	0.00000604	0.00848	0.00129	0.0152	0.019	0.00000606	17	0.000021	0.000255
2026 Oct	82.7	0.104	0.0972	0.00263	16.2	0.0374	8.1	0.00116	0.00116	0.00000583	0.00832	0.00126	0.016	0.0185	0.00000585	16.8	0.0000204	0.000246
2026 Nov	83.5	0.105	0.0982	0.00265	16.3	0.0377	8.18	0.00117	0.00117	0.00000588	0.0084	0.00127	0.0162	0.0187	0.0000059	17	0.0000206	0.000248
2026 Dec	83.6	0.105	0.0984	0.00265	16.3	0.0378	8.19	0.00118	0.00118	0.00000589	0.00841	0.00127	0.0162	0.0187	0.00000591	17	0.0000206	0.000249
2027 Jan	83.6	0.105	0.0984	0.00265	16.3	0.0378	8.19	0.00118	0.00118	0.00000589	0.00841	0.00127	0.0162	0.0187	0.00000591	17	0.0000206	0.000249
2027 Feb	83.6	0.105	0.0984	0.00265	16.3	0.0378	8.19	0.00118	0.00118	0.00000589	0.00841	0.00127	0.0162	0.0187	0.00000591	17	0.0000206	0.000249
2027 Mar	83.8	0.105	0.0985	0.00266	16.4	0.0378	8.2	0.00118	0.00118	0.0000059	0.00842	0.00127	0.0162	0.0187	0.00000592	17	0.0000206	0.000249
2027 Apr	84.8	0.106	0.0998	0.00269	16.6	0.0383	8.31	0.00119	0.00119	0.00000597	0.00853	0.00129	0.0164	0.019	0.000006	17.3	0.0000209	0.000252
2027 May	91.2	0.116	0.111	0.00293	17.8	0.04	9.01	0.00124	0.00124	0.00000622	0.00888	0.00135	0.0174	0.0199	0.00000624	18.1	0.0000218	0.000264
2027 Jun	72.7	0.0831	0.0845	0.00233	13.7	0.0307	6.84	0.00107	0.00107	0.00000536	0.00777	0.00112	0.0144	0.0162	0.00000538	14.7	0.0000207	0.00023
2027 Jul	66.2	0.0664	0.068	0.0021	12.2	0.0299	5.88	0.00111	0.00111	0.00000557	0.00804	0.00111	0.0139	0.0156	0.00000559	14	0.0000219	0.00023
2027 Aug	77.8	0.0819	0.0862	0.00252	14.5	0.0354	7.15	0.00125	0.00125	0.00000624	0.00883	0.00126	0.0162	0.0176	0.00000626	15.9	0.0000232	0.000254
2027 Sep	88.1	0.109	0.117	0.00299	16.6	0.0378	8.72	0.0012	0.0012	0.00000601	0.00854	0.00124	0.0175	0.0172	0.00000604	16.1	0.0000214	0.000245
2027 Oct	90.7	0.122	0.126	0.00311	17.3	0.0384	9.23	0.00116	0.00116	0.00000581	0.0084	0.00122	0.0177	0.0169	0.00000584	16	0.0000206	0.000238
2027 Nov	90.4	0.123	0.125	0.00308	17.3	0.0386	9.21	0.00116	0.00116	0.00000579	0.00841	0.00122	0.0176	0.0169	0.00000582	16	0.0000205	0.000237
2027 Dec	90.5	0.123	0.125	0.00309	17.3	0.0386	9.24	0.00115	0.00115	0.00000578	0.0084	0.00121	0.0176	0.0169	0.00000581	16	0.0000205	0.000237
2028 Jan	90.5	0.123	0.125	0.00309	17.3	0.0386	9.24	0.00115	0.00115	0.00000578	0.0084	0.00121	0.0176	0.0169	0.00000581	16	0.0000205	0.000237

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Feb	90.5	0.123	0.125	0.00309	17.3	0.0386	9.24	0.00115	0.00115	0.00000578	0.00841	0.00122	0.0176	0.0169	0.00000582	16	0.0000205	0.000237
2028 Mar	90.6	0.123	0.125	0.00309	17.3	0.0387	9.24	0.00116	0.00116	0.00000579	0.00841	0.00122	0.0176	0.017	0.00000582	16	0.0000205	0.000237
2028 Apr	91.2	0.124	0.126	0.00312	17.4	0.0389	9.31	0.00116	0.00116	0.00000583	0.00847	0.00122	0.0177	0.0171	0.00000586	16.2	0.0000206	0.000238
2028 May	94.1	0.128	0.13	0.00322	18	0.0401	9.61	0.0012	0.0012	0.000006	0.00872	0.00126	0.0183	0.0176	0.00000604	16.7	0.0000213	0.000246
2028 Jun	75.9	0.0931	0.0962	0.00256	14.2	0.0328	7.34	0.00109	0.00109	0.00000548	0.00803	0.0011	0.0155	0.0151	0.0000055	14.1	0.0000209	0.000223
2028 Jul	69.4	0.0768	0.0805	0.00231	12.7	0.031	6.4	0.00111	0.00111	0.00000555	0.0081	0.00108	0.0147	0.0146	0.00000557	13.5	0.0000218	0.000223
2028 Aug	82.3	0.0919	0.0968	0.00275	15.1	0.037	7.65	0.0013	0.0013	0.00000651	0.00944	0.00128	0.0174	0.0172	0.00000653	15.9	0.0000251	0.00026
2028 Sep	87.4	0.105	0.106	0.00293	16.3	0.0394	8.34	0.00132	0.00132	0.00000662	0.00967	0.00131	0.0182	0.0178	0.00000665	16.6	0.0000251	0.000265
2028 Oct	86.1	0.121	0.113	0.00291	16.5	0.0384	8.69	0.00116	0.00116	0.00000583	0.00877	0.00119	0.0172	0.0164	0.00000585	15.5	0.0000217	0.000234
2028 Nov	86.4	0.123	0.113	0.00291	16.6	0.0389	8.74	0.00116	0.00116	0.00000583	0.00881	0.0012	0.0173	0.0165	0.00000586	15.7	0.0000216	0.000235
2028 Dec	86.5	0.123	0.113	0.00291	16.6	0.039	8.75	0.00117	0.00117	0.00000584	0.00882	0.0012	0.0173	0.0165	0.00000587	15.7	0.0000216	0.000235
2029 Jan	86.5	0.123	0.113	0.00291	16.6	0.039	8.75	0.00117	0.00117	0.00000584	0.00882	0.0012	0.0173	0.0165	0.00000587	15.7	0.0000216	0.000235
2029 Feb	86.5	0.123	0.113	0.00291	16.6	0.039	8.75	0.00117	0.00117	0.00000584	0.00882	0.0012	0.0173	0.0165	0.00000587	15.7	0.0000216	0.000235
2029 Mar	86.5	0.123	0.113	0.00292	16.6	0.039	8.76	0.00117	0.00117	0.00000584	0.00882	0.0012	0.0173	0.0165	0.00000587	15.7	0.0000216	0.000235
2029 Apr	86.7	0.123	0.114	0.00292	16.7	0.0391	8.78	0.00117	0.00117	0.00000586	0.00884	0.0012	0.0173	0.0165	0.00000588	15.7	0.0000217	0.000236
2029 May	89.7	0.128	0.119	0.00304	17.2	0.0399	9.12	0.00119	0.00119	0.00000597	0.00902	0.00123	0.0178	0.0169	0.000006	16.1	0.0000222	0.000241
2029 Jun	91	0.126	0.125	0.00313	17.1	0.038	9.19	0.00119	0.00119	0.00000594	0.00897	0.00121	0.0179	0.0166	0.00000597	15.8	0.0000229	0.000243
2029 Jul	57.7	0.0619	0.0619	0.0019	10.7	0.0284	5.26	0.000989	0.000989	0.00000495	0.00711	0.000965	0.0124	0.0128	0.00000496	11.7	0.0000186	0.000188
2029 Aug	64.1	0.0698	0.0719	0.00214	12	0.0325	6.01	0.00107	0.00107	0.00000536	0.00745	0.00106	0.0136	0.0141	0.00000537	12.8	0.0000185	0.000197
2029 Sep	70.1	0.0823	0.083	0.00236	13.3	0.035	6.76	0.00111	0.00111	0.00000554	0.00774	0.00111	0.0147	0.0148	0.00000556	13.6	0.0000188	0.000206
2029 Oct	73.3	0.0933	0.0915	0.00249	14	0.0358	7.26	0.00109	0.00109	0.00000545	0.00774	0.00111	0.015	0.0148	0.00000547	13.8	0.0000185	0.000204
2029 Nov	73.9	0.0989	0.0946	0.00251	14.2	0.0357	7.44	0.00105	0.00105	0.00000528	0.0076	0.00108	0.0149	0.0146	0.0000053	13.7	0.0000179	0.000199
2029 Dec	74.1	0.0994	0.0953	0.00252	14.2	0.0358	7.48	0.00106	0.00106	0.00000528	0.0076	0.00108	0.015	0.0146	0.00000531	13.7	0.0000179	0.000199
2030 Jan	74.1	0.0994	0.0953	0.00252	14.2	0.0358	7.48	0.00106	0.00106	0.00000528	0.0076	0.00108	0.015	0.0146	0.00000531	13.7	0.0000179	0.000199
2030 Feb	74.1	0.0994	0.0953	0.00252	14.2	0.0358	7.48	0.00106	0.00106	0.00000529	0.00761	0.00109	0.015	0.0146	0.00000531	13.7	0.0000179	0.000199
2030 Mar	74.3	0.0996	0.0954	0.00253	14.3	0.0358	7.49	0.00106	0.00106	0.00000529	0.00762	0.00109	0.015	0.0146	0.00000532	13.7	0.000018	0.000199
2030 Apr	74.5	0.0999	0.0958	0.00253	14.3	0.0359	7.52	0.00106	0.00106	0.00000531	0.00764	0.00109	0.015	0.0147	0.00000534	13.7	0.000018	0.0002
2030 May	77.2	0.104	0.0993	0.00263	14.8	0.0372	7.79	0.0011	0.0011	0.0000055	0.00791	0.00113	0.0156	0.0152	0.00000552	14.2	0.0000186	0.000207
2030 Jun	64.6	0.0762	0.073	0.00214	12.1	0.0317	6.08	0.00105	0.00105	0.00000525	0.00763	0.00103	0.0138	0.0138	0.00000527	12.7	0.0000194	0.000201
2030 Jul	58.3	0.0615	0.0621	0.00193	10.7	0.029	5.28	0.00102	0.00102	0.00000509	0.00731	0.000983	0.0128	0.0129	0.0000051	11.8	0.0000191	0.000192
2030 Aug	66.4	0.0723	0.0773	0.00226	12.3	0.0328	6.24	0.0011	0.0011	0.0000055	0.0077	0.00108	0.0141	0.0141	0.00000552	12.9	0.0000195	0.000201
2030 Sep	73.3	0.0822	0.0872	0.0025	13.6	0.036	6.97	0.00118	0.00118	0.00000593	0.00831	0.00117	0.0155	0.0153	0.00000595	14	0.0000208	0.000218
2030 Oct	74.1	0.0899	0.09	0.00252	14	0.0364	7.19	0.00115	0.00115	0.00000576	0.0082	0.00115	0.0154	0.0152	0.00000579	14	0.0000201	0.000213
2030 Nov	74	0.0931	0.0903	0.00251	14	0.0364	7.25	0.00113	0.00113	0.00000566	0.00811	0.00114	0.0153	0.0151	0.00000568	14	0.0000197	0.00021
2030 Dec	74.1	0.0932	0.0904	0.00251	14.1	0.0365	7.26	0.00113	0.00113	0.00000566	0.00812	0.00114	0.0153	0.0151	0.00000568	14	0.0000197	0.00021
2031 Jan	74.1	0.0932	0.0904	0.00251	14.1	0.0365	7.26	0.00113	0.00113	0.00000566	0.00812	0.00114	0.0153	0.0151	0.00000568	14	0.0000197	0.00021
2031 Feb	74.1	0.0932	0.0904	0.00251	14.1	0.0365	7.26	0.00113	0.00113	0.00000566	0.00812	0.00114	0.0153	0.0151	0.00000568	14	0.0000197	0.00021
2031 Mar	74.1	0.0933	0.0905	0.00251	14.1	0.0365	7.27	0.00113	0.00113	0.00000566	0.00812	0.00114	0.0153	0.0151	0.00000569	14	0.0000197	0.000211
2031 Apr	75	0.0943	0.0915	0.00254	14.2	0.0369	7.35	0.00114	0.00114	0.00000573	0.00821	0.00115	0.0155	0.0153	0.00000575	14.2	0.0000199	0.000213
2031 May	80.5	0.101	0.0979	0.00267	15.4	0.0378	7.89	0.00118	0.00118	0.00000592	0.00847	0.00123	0.0161	0.017	0.00000594	15.6	0.0000208	0.000232
2031 Jun	77.7	0.0842	0.0732	0.00212	15.6	0.0308	7.14	0.00109	0.00109	0.00000546	0.00773	0.0013	0.0135	0.0217	0.00000547	18.8	0.0000207	0.000273
2031 Jul	88.5	0.0949	0.0839	0.00244	17.7	0.0356	8.13	0.00126	0.00126	0.0000063	0.0089	0.00149	0.0155	0.0246	0.00000632	21.3	0.0000237	0.00031
2031 Aug	95.7	0.105	0.0985	0.00274	19.1	0.0394	9.01	0.00133	0.00133	0.00000664	0.00919	0.00156	0.0169	0.0254	0.00000667	22.1	0.0000237	0.000316
2031 Sep	102	0.131	0.13	0.00319	20.3	0.0401	10.3	0.00122	0.00122	0.00000614	0.00861	0.00145	0.0179	0.023	0.00000617	20.7	0.0000212	0.000288
2031 Oct	105	0.154	0.153	0.00346	20.7	0.0396	11.2	0.00109	0.00109	0.00000547	0.00801	0.0013	0.018	0.0202	0.00000551	18.8	0.000019	0.000252
2031 Nov	108	0.161	0.161	0.0036	21.2	0.0401	11.6	0.00109	0.00109	0.00000548	0.00805	0.00131	0.0184	0.0202	0.00000552	18.9	0.0000191	0.000252
2031 Dec	108	0.161	0.161	0.00361	21.3	0.0401	11.6	0.00109	0.00109	0.00000548	0.00805	0.00131	0.0184	0.0203	0.00000552	18.9	0.0000191	0.000252
2032 Jan	108	0.161	0.161	0.00361	21.3	0.0401	11.6	0.00109	0.00109	0.00000548	0.00805	0.00131	0.0184	0.0203	0.00000552	18.9	0.0000191	0.000252
2032 Feb	108	0.161	0.161	0.00361	21.3	0.0401	11.6	0.00109	0.00109	0.00000548	0.00805	0.00131	0.0184	0.0203	0.00000552	18.9	0.0000191	0.000252
2032 Mar	108	0.161	0.161	0.00361	21.3	0.0401	11.6	0.00109	0.00109	0.00000549	0.00806	0.00131	0.0184	0.0203	0.00000553	19	0.0000191	0.000253
2032 Apr	109	0.162	0.162	0.00363	21.4	0.0404	11.7	0.0011	0.0011	0.00000552	0.00811	0.00132	0.0185	0.0204	0.00000556	19.1	0.0000193	0.000254
2032 May	113	0.168	0.169	0.00377	22.2	0.0417	12.1	0.00114	0.00114	0.0000057	0.00838	0.00136	0.0192	0.0211	0.00000575	19.8	0.0000199	0.000263
2032 Jun	80.5	0.11	0.114	0.00276	16	0.0312	8.51	0.00101	0.00101	0.00000507	0.00748	0.00112	0.0153	0.0169	0.0000051	15.6	0.0000198	0.00023
2032 Jul	53.6	0.0643	0.0709	0.00193	10.7	0.0245	5.61	0.000864	0.000864	0.00000433	0.00619	0.000887	0.0116	0.0124	0.00000434	11.3	0.0000167	0.000177
2032 Aug	58.2	0.0781	0.089	0.00228	12.5	0.0287	6.81	0.00092	0.00092	0.00000461	0.00635	0.000964	0.0133	0.0133	0.00000463	12.2	0.000016	0.000183
2032 Sep	62.1	0.0881	0.0987	0.00249	13.7	0.0314	7.53	0.000968	0.000968	0.00000485	0.00667	0.00102	0.0144	0.0141	0.00000487	13.1	0.0000163	0.000193
2032 Oct	63.6	0.0932	0.102	0.00256	14.1	0.0325	7.81	0.000986	0.000986	0.00000494	0.00685	0.00104	0.0148	0.0144	0.00000496	13.5	0.0000166	0.000196
2032 Nov	64.7	0.0984	0.108	0.00265	14.6	0.0329	8.15	0.000986	0.000986	0.00000494	0.00688	0.00105	0.0151	0.0145	0.00000497	13.6	0.0000167	0.000197
2032 Dec	64.9	0.102	0.111	0.0027	14.8	0.033	8.34	0.000977	0.000977	0.0000049	0.00686	0.00104	0.0153	0.0144	0.00000493	13.6	0.0000166	0.000195
2033 Jan	64.9	0.102	0.111	0.0027	14.8	0.033	8.35	0.000977	0.000977	0.0000049	0.00686	0.00104	0.0153	0.0144	0.00000493	13.6	0.0000166	0.000195
2033 Feb	65	0.102	0.111	0.0027	14.8	0.033	8.35	0.000978	0.000978	0.0000049	0.00686	0.00104	0.0153	0.0144	0.00000493	13.6	0.0000166	0.000196
2033 Mar	65.2	0.102	0.112	0.00271	14.8	0.0331	8.37	0.00098	0.00098	0.00000491	0.00688	0.00105	0.0153	0.0144	0.00000494	13.6	0.0000166	0.000196
2033 Apr	66.1	0.104	0.113	0.00275	15	0.0336	8.49	0.000994	0.000994	0.00000498	0.00698	0.00106	0.0155	0.0146	0.00000501	13.8	0.0000168	0.000199
2033 May	73.9	0.109	0.114	0.00274	17.2	0.0324	9.23	0.00101	0.00101	0.00000508	0.00708	0.00122	0.0154	0.0195	0.00000511	17.6	0.0000181	0.000245
2033 Jun	65.6	0.0799	0.0761	0.00196	15.2	0.0238	7.36	0.000885	0.000885	0.00000443	0.0062	0.00117	0.0119	0.0214	0.00000445	18.4	0.0000176	0.00026
2033 Jul	68.4	0.0819	0.08	0.0021	15.7	0.0264	7.71	0.000973	0.000973	0.00000487	0.00676	0.00125	0.0129	0.022	0.00000489	19	0.000019	0.00027
2033 Aug	77.1	0.094	0.0937	0.00244	17.9	0.031	8.9	0.0011	0.0011	0.00000553	0.00758	0.00141	0.0148	0.0245	0.00000556	21.2	0.0000208	0.000299

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Sep	74.8	0.106	0.101	0.00254	17.9	0.0329	9.35	0.00106	0.00106	0.00000529	0.00737	0.00133	0.0153	0.0226	0.00000531	19.9	0.000019	0.000276
2033 Oct	67.9	0.122	0.106	0.00253	17.1	0.0337	9.52	0.000927	0.000927	0.00000464	0.0069	0.00115	0.015	0.0188	0.00000467	17.3	0.0000164	0.000229
2033 Nov	67.8	0.124	0.105	0.00253	17.1	0.0343	9.55	0.000928	0.000928	0.00000465	0.00697	0.00115	0.0151	0.0187	0.00000468	17.2	0.0000164	0.000227
2033 Dec	67.9	0.124	0.105	0.00253	17.1	0.0343	9.56	0.000929	0.000929	0.00000466	0.00698	0.00115	0.0151	0.0187	0.00000469	17.2	0.0000164	0.000227
2034 Jan	67.9	0.124	0.105	0.00253	17.1	0.0343	9.56	0.000929	0.000929	0.00000466	0.00698	0.00115	0.0151	0.0187	0.00000469	17.2	0.0000164	0.000227
2034 Feb	67.9	0.124	0.105	0.00253	17.1	0.0344	9.57	0.000929	0.000929	0.00000466	0.00698	0.00115	0.0151	0.0187	0.00000469	17.2	0.0000164	0.000227
2034 Mar	68	0.124	0.105	0.00253	17.1	0.0344	9.57	0.00093	0.00093	0.00000466	0.00698	0.00115	0.0151	0.0187	0.00000469	17.2	0.0000164	0.000227
2034 Apr	68.8	0.126	0.107	0.00256	17.3	0.0348	9.69	0.000941	0.000941	0.00000472	0.00706	0.00116	0.0153	0.0189	0.00000475	17.4	0.0000166	0.00023
2034 May	73.2	0.129	0.108	0.00261	18.4	0.0355	10.1	0.000983	0.000983	0.00000493	0.00734	0.00125	0.0156	0.021	0.00000496	19.1	0.0000176	0.000252
2034 Jun	69.7	0.0933	0.0711	0.00191	16.8	0.0274	8.02	0.000935	0.000935	0.00000468	0.00677	0.00129	0.0124	0.0242	0.0000047	20.8	0.0000183	0.000285
2034 Jul	71.1	0.0979	0.0858	0.00221	17.1	0.0294	8.84	0.000986	0.000986	0.00000494	0.00704	0.0013	0.0138	0.0232	0.00000496	20.2	0.000019	0.000278
2034 Aug	83.8	0.116	0.103	0.00264	20.2	0.0353	10.5	0.00116	0.00116	0.00000583	0.00825	0.00153	0.0165	0.0271	0.00000586	23.6	0.000022	0.000324
2034 Sep	81.4	0.13	0.113	0.00277	20.1	0.0369	11.1	0.0011	0.0011	0.00000553	0.00805	0.00143	0.0171	0.0247	0.00000557	22.1	0.0000204	0.000296
2034 Oct	76.4	0.141	0.121	0.00284	19.4	0.0371	11.5	0.000997	0.000997	0.000005	0.00757	0.00128	0.0171	0.0213	0.00000504	19.6	0.0000183	0.000255
2034 Nov	77.4	0.145	0.125	0.00291	19.7	0.0376	11.8	0.001	0.001	0.00000503	0.00764	0.00129	0.0174	0.0214	0.00000507	19.8	0.0000184	0.000256
2034 Dec	77.5	0.145	0.125	0.00291	19.7	0.0377	11.8	0.001	0.001	0.00000504	0.00764	0.00129	0.0175	0.0214	0.00000508	19.8	0.0000184	0.000257
2035 Jan	77.5	0.145	0.125	0.00291	19.7	0.0377	11.8	0.001	0.001	0.00000504	0.00764	0.00129	0.0175	0.0214	0.00000508	19.8	0.0000184	0.000257
2035 Feb	77.5	0.145	0.125	0.00291	19.7	0.0377	11.8	0.001	0.001	0.00000504	0.00765	0.00129	0.0175	0.0214	0.00000508	19.8	0.0000184	0.000257
2035 Mar	77.6	0.145	0.125	0.00292	19.7	0.0377	11.8	0.00101	0.00101	0.00000504	0.00765	0.00129	0.0175	0.0214	0.00000508	19.8	0.0000184	0.000257
2035 Apr	78.4	0.147	0.126	0.00295	19.9	0.0381	11.9	0.00102	0.00102	0.00000509	0.00773	0.0013	0.0177	0.0216	0.00000513	20	0.0000186	0.00026
2035 May	82.6	0.153	0.132	0.00307	21	0.0397	12.5	0.00107	0.00107	0.00000535	0.0081	0.00138	0.0184	0.023	0.00000539	21.3	0.0000196	0.000276
2035 Jun	60.6	0.0816	0.0654	0.00184	14.2	0.0266	7.28	0.000922	0.000922	0.00000462	0.00683	0.00113	0.0126	0.0195	0.00000463	17.2	0.0000187	0.000247
2035 Jul	57.7	0.0706	0.0582	0.00177	13	0.0268	6.64	0.000971	0.000971	0.00000486	0.00712	0.00112	0.0126	0.0184	0.00000488	16.2	0.0000197	0.000242
2035 Aug	62	0.0779	0.0655	0.00197	14.2	0.0309	7.43	0.00105	0.00105	0.00000524	0.00748	0.00121	0.0141	0.0194	0.00000526	17.2	0.0000196	0.000253
2035 Sep	61.7	0.0996	0.0846	0.00222	14.9	0.0333	8.89	0.00095	0.00095	0.00000476	0.00694	0.0011	0.0152	0.0171	0.00000479	15.9	0.0000166	0.000222
2035 Oct	61.7	0.111	0.089	0.00227	15.2	0.0346	9.36	0.000922	0.000922	0.00000462	0.00695	0.00108	0.0155	0.0165	0.00000465	15.6	0.0000161	0.000211
2035 Nov	60.6	0.114	0.0896	0.00226	15.1	0.0345	9.42	0.00089	0.00089	0.00000446	0.00681	0.00104	0.0153	0.0159	0.0000045	15.2	0.0000155	0.000202
2035 Dec	60.7	0.114	0.0898	0.00227	15.1	0.0346	9.44	0.000891	0.000891	0.00000447	0.00682	0.00104	0.0153	0.0159	0.0000045	15.2	0.0000155	0.000202
2036 Jan	60.7	0.114	0.0899	0.00227	15.1	0.0346	9.44	0.000891	0.000891	0.00000447	0.00682	0.00104	0.0153	0.0159	0.0000045	15.2	0.0000155	0.000202
2036 Feb	60.7	0.114	0.0899	0.00227	15.1	0.0346	9.44	0.000891	0.000891	0.00000447	0.00682	0.00104	0.0153	0.0159	0.0000045	15.2	0.0000155	0.000202
2036 Mar	60.7	0.114	0.0899	0.00227	15.1	0.0346	9.44	0.000891	0.000891	0.00000447	0.00682	0.00104	0.0153	0.0159	0.0000045	15.2	0.0000155	0.000202
2036 Apr	61.7	0.116	0.0911	0.00229	15.4	0.035	9.58	0.000902	0.000902	0.00000452	0.0069	0.00106	0.0155	0.0162	0.00000456	15.5	0.0000157	0.000206
2036 May	65.5	0.122	0.0961	0.00241	16.3	0.0367	10.1	0.000949	0.000949	0.00000476	0.00725	0.00113	0.0163	0.0175	0.00000479	16.6	0.0000166	0.00022
2036 Jun	56.1	0.0851	0.07	0.00194	13.1	0.0292	7.73	0.000914	0.000914	0.00000458	0.00689	0.00103	0.0139	0.0158	0.0000046	14.6	0.0000178	0.000213
2036 Jul	53.1	0.0709	0.0616	0.00185	11.9	0.0289	6.97	0.000957	0.000957	0.00000479	0.00703	0.00102	0.0135	0.015	0.00000482	13.8	0.0000185	0.000208
2036 Aug	60.5	0.0807	0.0707	0.00212	13.6	0.0336	8.02	0.00109	0.00109	0.00000547	0.00793	0.00117	0.0155	0.0171	0.00000549	15.6	0.0000204	0.000234
2036 Sep	62.1	0.0898	0.0776	0.00223	14.3	0.0354	8.72	0.00108	0.00108	0.00000541	0.00785	0.00117	0.0162	0.017	0.00000544	15.8	0.0000195	0.000231
2036 Oct	61.5	0.101	0.082	0.00225	14.5	0.0359	9.23	0.00102	0.00102	0.0000051	0.00761	0.00112	0.0163	0.0162	0.00000513	15.4	0.0000183	0.000217
2036 Nov	61.8	0.104	0.0847	0.00229	14.7	0.0361	9.47	0.00101	0.00101	0.00000504	0.00756	0.00111	0.0164	0.0161	0.00000507	15.3	0.000018	0.000214
2036 Dec	61.7	0.105	0.0852	0.00229	14.7	0.0361	9.52	0.001	0.001	0.00000501	0.00754	0.00111	0.0164	0.016	0.00000505	15.3	0.0000179	0.000213
2037 Jan	61.7	0.105	0.0852	0.00229	14.7	0.0361	9.52	0.001	0.001	0.00000501	0.00754	0.00111	0.0164	0.016	0.00000505	15.3	0.0000179	0.000213
2037 Feb	61.8	0.105	0.0853	0.00229	14.7	0.0361	9.52	0.001	0.001	0.00000502	0.00754	0.00111	0.0164	0.016	0.00000505	15.3	0.0000179	0.000213
2037 Mar	61.9	0.105	0.0855	0.0023	14.7	0.0362	9.55	0.001	0.001	0.00000503	0.00756	0.00111	0.0165	0.0161	0.00000506	15.3	0.000018	0.000214
2037 Apr	62.4	0.106	0.0861	0.00232	14.8	0.0365	9.62	0.00101	0.00101	0.00000507	0.00762	0.00112	0.0166	0.0162	0.0000051	15.5	0.0000181	0.000215
2037 May	67.8	0.1	0.0758	0.00211	16.1	0.0339	9.3	0.00102	0.00102	0.00000509	0.0075	0.00125	0.0153	0.0209	0.00000512	18.8	0.0000188	0.000259
2037 Jun	63	0.0734	0.0518	0.00155	14.6	0.0247	7.37	0.000888	0.000888	0.00000445	0.0064	0.00121	0.0117	0.0225	0.00000446	19.3	0.0000178	0.00027
2037 Jul	68.1	0.0783	0.0583	0.00175	15.7	0.0279	8.12	0.000995	0.000995	0.00000498	0.00711	0.00131	0.0131	0.0239	0.000005	20.6	0.0000197	0.000289
2037 Aug	74.9	0.0868	0.0658	0.00197	17.3	0.0319	9.11	0.0011	0.0011	0.00000553	0.0078	0.00145	0.0148	0.026	0.00000556	22.5	0.0000211	0.000313
2037 Sep	78	0.0942	0.0694	0.00208	18.1	0.0346	9.65	0.00116	0.00116	0.00000579	0.00819	0.0015	0.0158	0.0267	0.00000581	23.2	0.0000216	0.000322
2037 Oct	73.2	0.0972	0.0652	0.00197	17.2	0.035	9.28	0.00109	0.00109	0.00000547	0.00794	0.0014	0.0152	0.0245	0.0000055	21.6	0.0000201	0.000295
2037 Nov	73.2	0.0985	0.0653	0.00198	17.2	0.0353	9.32	0.00109	0.00109	0.00000548	0.00797	0.0014	0.0153	0.0244	0.0000055	21.5	0.0000201	0.000294
2037 Dec	73.3	0.0987	0.0655	0.00198	17.2	0.0354	9.34	0.0011	0.0011	0.00000549	0.00798	0.0014	0.0153	0.0245	0.00000551	21.6	0.0000201	0.000295
2038 Jan	73.3	0.0987	0.0655	0.00198	17.2	0.0354	9.34	0.0011	0.0011	0.00000549	0.00798	0.0014	0.0153	0.0245	0.00000551	21.6	0.0000201	0.000295
2038 Feb	73.3	0.0987	0.0655	0.00198	17.2	0.0354	9.34	0.0011	0.0011	0.00000549	0.00798	0.0014	0.0153	0.0245	0.00000551	21.6	0.0000201	0.000295
2038 Mar	73.4	0.0988	0.0656	0.00198	17.2	0.0354	9.35	0.0011	0.0011	0.00000549	0.00799	0.00141	0.0153	0.0245	0.00000551	21.6	0.0000201	0.000295
2038 Apr	73.9	0.0995	0.066	0.002	17.4	0.0357	9.41	0.0011	0.0011	0.00000553	0.00804	0.00142	0.0154	0.0247	0.00000555	21.7	0.0000203	0.000297
2038 May	77.4	0.101	0.0653	0.002	18.2	0.0357	9.58	0.00113	0.00113	0.00000567	0.00821	0.00149	0.0155	0.0266	0.00000569	23.2	0.000021	0.000317
2038 Jun	71.1	0.0749	0.043	0.00147	16.5	0.0269	7.49	0.000997	0.000997	0.00000499	0.00709	0.00141	0.0118	0.0274	0.000005	23.1	0.0000198	0.00032
2038 Jul	81.9	0.0849	0.0498	0.00173	18.8	0.0315	8.61	0.00118	0.00118	0.00000589	0.00837	0.00163	0.0139	0.0313	0.00000591	26.4	0.0000234	0.000369
2038 Aug	90.6	0.0947	0.056	0.00196	20.9	0.0371	9.7	0.00133	0.00133	0.00000665	0.0093	0.00182	0.016	0.0342	0.00000666	29.1	0.0000251	0.000404
2038 Sep	89.3	0.0989	0.0565	0.00198	20.7	0.0388	9.81	0.00132	0.00132	0.00000661	0.00931	0.00178	0.0164	0.0331	0.00000663	28.3	0.0000243	0.000391
2038 Oct	85.6	0.101	0.0547	0.00192	20	0.0391	9.6	0.00128	0.00128	0.00000639	0.00913	0.00171	0.0161	0.0313	0.00000641	27	0.0000233	0.00037
2038 Nov	86	0.102	0.0552	0.00194	20.1	0.0394	9.68	0.00128	0.00128	0.00000641	0.00918	0.00171	0.0162	0.0314	0.00000643	27	0.0000234	0.000371
2038 Dec	86.1	0.102	0.0554	0.00194	20.1	0.0394	9.7	0.00128	0.00128	0.00000642	0.00919	0.00171	0.0162	0.0314	0.00000644	27.1	0.0000234	0.000371
2039 Jan	86.1	0.102	0.0554	0.00194	20.1	0.0394	9.7	0.00128	0.00128	0.00000642	0.00919	0.00171	0.0162	0.0314	0.00000644	27.1	0.0000234	0.000371
2039 Feb	86.1	0.102	0.0554	0.00194	20.1	0.0394	9.7	0.00128	0.00128	0.00000642	0.00919	0.00171	0.0162	0.0314	0.00000644	27.1	0.0000234	0.000371
2039 Mar	86.3	0.103	0.0555	0.00194	20.1	0.0395	9.72	0.00128	0.00128	0.00000643	0.00921	0.00172	0.0163	0.0315	0.00000645	27.1	0.0000234	0.000372

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Apr	86.9	0.103	0.0559	0.00196	20.3	0.0398	9.79	0.00129	0.00129	0.00000648	0.00927	0.00173	0.0164	0.0317	0.0000065	27.3	0.0000236	0.000374
2039 May	90.3	0.107	0.0582	0.00204	21.1	0.0413	10.2	0.00134	0.00134	0.00000673	0.00964	0.0018	0.017	0.033	0.00000675	28.4	0.0000245	0.000389
2039 Jun	74.6	0.104	0.125	0.00308	18.9	0.0305	13.2	0.00101	0.00101	0.00000506	0.00715	0.00105	0.0198	0.0154	0.00000513	15.2	0.0000211	0.000233
2039 Jul	61.2	0.0706	0.0946	0.00259	15.7	0.0293	10.4	0.000963	0.000963	0.00000485	0.00634	0.000929	0.0168	0.0119	0.00000491	11.7	0.0000177	0.000183
2039 Aug	68.9	0.0892	0.123	0.00311	17.3	0.0385	13.3	0.00106	0.00106	0.00000532	0.00645	0.00113	0.0197	0.0138	0.00000539	13.5	0.0000154	0.000175
2039 Sep	73.7	0.103	0.136	0.00334	18.3	0.0418	14.7	0.0011	0.0011	0.00000551	0.00679	0.00119	0.0214	0.0147	0.00000559	14.6	0.0000157	0.000183
2039 Oct	77.6	0.121	0.152	0.00357	19.5	0.0432	16.3	0.00107	0.00107	0.00000536	0.00679	0.0012	0.0228	0.0147	0.00000544	15	0.0000155	0.000183
2039 Nov	78.4	0.122	0.153	0.00361	19.7	0.0435	16.5	0.00107	0.00107	0.0000054	0.00684	0.00121	0.023	0.0148	0.00000548	15.2	0.0000156	0.000184
2039 Dec	78.5	0.122	0.154	0.00362	19.7	0.0436	16.5	0.00107	0.00107	0.00000541	0.00685	0.00121	0.0231	0.0148	0.00000549	15.2	0.0000156	0.000185
2040 Jan	78.5	0.122	0.154	0.00362	19.7	0.0436	16.5	0.00107	0.00107	0.00000541	0.00685	0.00121	0.0231	0.0148	0.00000549	15.2	0.0000156	0.000185
2040 Feb	78.5	0.122	0.154	0.00362	19.8	0.0436	16.5	0.00107	0.00107	0.00000541	0.00685	0.00121	0.0231	0.0149	0.00000549	15.2	0.0000156	0.000185
2040 Mar	78.7	0.123	0.154	0.00363	19.8	0.0437	16.6	0.00108	0.00108	0.00000542	0.00687	0.00121	0.0231	0.0149	0.0000055	15.2	0.0000157	0.000185
2040 Apr	79.3	0.123	0.155	0.00365	19.9	0.044	16.7	0.00108	0.00108	0.00000546	0.00692	0.00122	0.0233	0.015	0.00000554	15.3	0.0000158	0.000187
2040 May	84.4	0.129	0.158	0.00369	21.2	0.0441	17.2	0.00111	0.00111	0.00000557	0.00712	0.00131	0.0236	0.0174	0.00000566	17.3	0.0000167	0.000212
2040 Jun	73.9	0.0734	0.0706	0.0021	19.4	0.0252	9.73	0.000946	0.000946	0.00000476	0.00623	0.00119	0.014	0.0221	0.00000481	19.3	0.0000186	0.00028
2040 Jul	72.8	0.0686	0.0694	0.00218	18.7	0.0274	9.54	0.00105	0.00105	0.00000527	0.00694	0.0012	0.0151	0.0208	0.00000531	18.3	0.0000206	0.000277
2040 Aug	77.9	0.0808	0.0876	0.00251	19.3	0.0313	11.3	0.00112	0.00112	0.00000561	0.00743	0.0013	0.0175	0.0215	0.00000566	19.3	0.0000215	0.000284
2040 Sep	83.3	0.105	0.12	0.00302	20.3	0.0351	14.4	0.0011	0.0011	0.00000553	0.00744	0.00131	0.0209	0.0207	0.0000056	19.5	0.0000208	0.000275
2040 Oct	87.6	0.123	0.14	0.00334	21.5	0.0376	16.3	0.00109	0.00109	0.00000549	0.00755	0.00132	0.0229	0.0203	0.00000557	19.6	0.0000206	0.000271
2040 Nov	88.6	0.126	0.143	0.00339	21.7	0.0381	16.6	0.0011	0.0011	0.00000552	0.00762	0.00133	0.0233	0.0204	0.0000056	19.8	0.0000208	0.000273
2040 Dec	88.7	0.126	0.143	0.00339	21.7	0.0381	16.7	0.0011	0.0011	0.00000553	0.00762	0.00133	0.0233	0.0204	0.00000561	19.8	0.0000208	0.000273
2041 Jan	88.7	0.126	0.143	0.0034	21.7	0.0381	16.7	0.0011	0.0011	0.00000553	0.00762	0.00133	0.0233	0.0204	0.00000561	19.8	0.0000208	0.000273
2041 Feb	88.7	0.126	0.143	0.0034	21.7	0.0381	16.7	0.0011	0.0011	0.00000553	0.00762	0.00133	0.0233	0.0204	0.00000561	19.8	0.0000208	0.000273
2041 Mar	88.9	0.126	0.143	0.0034	21.8	0.0382	16.7	0.0011	0.0011	0.00000554	0.00764	0.00134	0.0234	0.0205	0.00000562	19.9	0.0000208	0.000274
2041 Apr	89.4	0.127	0.144	0.00342	21.9	0.0384	16.8	0.00111	0.00111	0.00000557	0.00768	0.00134	0.0235	0.0206	0.00000565	20	0.000021	0.000275
2041 May	93.7	0.136	0.156	0.00364	22.9	0.0398	18.1	0.00113	0.00113	0.00000568	0.00786	0.00139	0.0249	0.0213	0.00000576	20.8	0.0000216	0.000283
2041 Jun	69.8	0.0879	0.108	0.00277	17.1	0.0294	12.5	0.000982	0.000982	0.00000494	0.00695	0.00102	0.0192	0.0143	0.00000501	14.2	0.0000205	0.000223
2041 Jul	53.1	0.0458	0.0573	0.00197	13.3	0.0256	7.41	0.000966	0.000966	0.00000486	0.00648	0.000861	0.0142	0.0115	0.0000049	10.8	0.0000188	0.000189
2041 Aug	58.3	0.0523	0.0646	0.00217	14.1	0.0301	8.45	0.00108	0.00108	0.00000543	0.00721	0.000996	0.0161	0.0131	0.00000547	12.4	0.0000202	0.000207
2041 Sep	63	0.0687	0.0821	0.00244	14.8	0.0335	10.5	0.00109	0.00109	0.00000548	0.00737	0.00106	0.0183	0.0137	0.00000553	13.4	0.0000198	0.00021
2041 Oct	70.8	0.0969	0.112	0.00289	16.8	0.0367	13.7	0.00106	0.00106	0.00000531	0.00739	0.00109	0.0213	0.0139	0.00000538	14.3	0.0000194	0.00021
2041 Nov	72.8	0.102	0.117	0.00299	17.4	0.0375	14.3	0.00106	0.00106	0.00000535	0.00747	0.00111	0.0219	0.0141	0.00000542	14.6	0.0000196	0.000212
2041 Dec	72.9	0.102	0.117	0.003	17.4	0.0376	14.4	0.00106	0.00106	0.00000535	0.00748	0.00111	0.022	0.0141	0.00000543	14.6	0.0000196	0.000213
2042 Jan	72.9	0.102	0.117	0.003	17.4	0.0376	14.4	0.00106	0.00106	0.00000536	0.00748	0.00111	0.022	0.0141	0.00000543	14.6	0.0000196	0.000213
2042 Feb	73	0.102	0.117	0.003	17.4	0.0376	14.4	0.00106	0.00106	0.00000536	0.00748	0.00111	0.022	0.0141	0.00000543	14.6	0.0000196	0.000213
2042 Mar	73.1	0.102	0.118	0.003	17.5	0.0376	14.4	0.00107	0.00107	0.00000536	0.00749	0.00111	0.022	0.0142	0.00000544	14.6	0.0000196	0.000213
2042 Apr	74.1	0.104	0.119	0.00304	17.7	0.0381	14.6	0.00108	0.00108	0.00000544	0.00759	0.00113	0.0223	0.0144	0.00000551	14.8	0.0000199	0.000216
2042 May	78.7	0.111	0.127	0.00321	18.7	0.0401	15.6	0.00113	0.00113	0.0000057	0.00797	0.0012	0.0236	0.0155	0.00000578	15.9	0.000021	0.00023
2042 Jun	64	0.076	0.0882	0.00245	15.1	0.0298	11	0.000997	0.000997	0.00000502	0.00717	0.001	0.0181	0.0134	0.00000507	13.3	0.0000205	0.000214
2042 Jul	54.2	0.0499	0.0608	0.00199	12.4	0.0273	8.02	0.000997	0.000997	0.00000501	0.00698	0.000956	0.0151	0.0124	0.00000505	11.7	0.0000199	0.000199
2042 Aug	65.4	0.0828	0.1	0.00264	16.1	0.0363	12.9	0.00097	0.00097	0.00000488	0.00615	0.00102	0.0198	0.013	0.00000495	13.3	0.0000145	0.000185
2042 Sep	71.2	0.103	0.113	0.00284	18	0.0415	14.8	0.000969	0.000969	0.00000488	0.00609	0.00106	0.0222	0.0137	0.00000495	14.6	0.0000124	0.000192
2042 Oct	74.3	0.117	0.118	0.00295	19.2	0.0429	15.8	0.000957	0.000957	0.00000482	0.00625	0.00106	0.0228	0.0139	0.0000049	15.1	0.0000127	0.000192
2042 Nov	75.2	0.119	0.12	0.00298	19.5	0.0434	16	0.000966	0.000966	0.00000487	0.00632	0.00107	0.0232	0.0141	0.00000495	15.3	0.0000128	0.000194
2042 Dec	75.3	0.119	0.12	0.00299	19.5	0.0434	16.1	0.000967	0.000967	0.00000488	0.00633	0.00107	0.0232	0.0141	0.00000495	15.3	0.0000129	0.000194
2043 Jan	75.4	0.119	0.12	0.00299	19.5	0.0434	16.1	0.000967	0.000967	0.00000488	0.00633	0.00107	0.0232	0.0141	0.00000496	15.3	0.0000129	0.000194
2043 Feb	75.4	0.119	0.12	0.00299	19.5	0.0434	16.1	0.000967	0.000967	0.00000488	0.00633	0.00107	0.0232	0.0141	0.00000496	15.3	0.0000129	0.000194
2043 Mar	75.4	0.119	0.12	0.00299	19.5	0.0435	16.1	0.000968	0.000968	0.00000488	0.00633	0.00107	0.0232	0.0141	0.00000496	15.3	0.0000129	0.000195
2043 Apr	76.4	0.121	0.122	0.00303	19.8	0.044	16.3	0.00098	0.00098	0.00000494	0.00642	0.00108	0.0235	0.0143	0.00000502	15.5	0.000013	0.000197
2043 May	81.9	0.127	0.126	0.00312	21	0.0452	17	0.00103	0.00103	0.00000519	0.00678	0.00118	0.0242	0.0166	0.00000527	17.4	0.0000142	0.000222
2043 Jun	73.5	0.0719	0.0596	0.00188	18.7	0.0264	9.53	0.000964	0.000964	0.00000485	0.00638	0.00124	0.014	0.0234	0.00000488	20.3	0.0000185	0.00029
2043 Jul	75.5	0.0683	0.0578	0.00197	18.4	0.0293	9.47	0.00111	0.00111	0.00000557	0.00744	0.00134	0.0153	0.024	0.0000056	20.8	0.0000216	0.000306
2043 Aug	82.6	0.0792	0.0705	0.00226	19.6	0.0343	11.3	0.00121	0.00121	0.0000061	0.00814	0.00147	0.018	0.0255	0.00000614	22.5	0.0000229	0.000326
2043 Sep	83.8	0.0942	0.091	0.00254	19.5	0.0371	13.8	0.00116	0.00116	0.00000585	0.00791	0.00143	0.0208	0.0234	0.00000591	21.6	0.0000214	0.000304
2043 Oct	87.2	0.124	0.118	0.00294	20.2	0.0411	17.3	0.00109	0.00109	0.00000548	0.00784	0.00136	0.0241	0.0211	0.00000556	20.7	0.0000203	0.000275
2043 Nov	87.8	0.141	0.13	0.0031	20.5	0.0435	18.8	0.00104	0.00104	0.00000525	0.00783	0.00131	0.0255	0.0196	0.00000534	20	0.0000194	0.000256
2043 Dec	87.9	0.141	0.13	0.0031	20.5	0.0435	18.9	0.00104	0.00104	0.00000526	0.00784	0.00132	0.0255	0.0197	0.00000535	20.1	0.0000194	0.000256
2044 Jan	88	0.142	0.13	0.0031	20.5	0.0435	18.9	0.00105	0.00105	0.00000526	0.00784	0.00132	0.0256	0.0197	0.00000535	20.1	0.0000194	0.000256
2044 Feb	88.1	0.142	0.13	0.00311	20.5	0.0436	18.9	0.00105	0.00105	0.00000527	0.00785	0.00132	0.0256	0.0197	0.00000535	20.1	0.0000195	0.000257
2044 Mar	88.3	0.142	0.131	0.00312	20.6	0.0437	18.9	0.00105	0.00105	0.00000528	0.00787	0.00132	0.0256	0.0197	0.00000537	20.1	0.0000195	0.000257
2044 Apr	88.8	0.143	0.131	0.00313	20.7	0.0439	19	0.00106	0.00106	0.00000531	0.00791	0.00133	0.0258	0.0198	0.0000054	20.3	0.0000196	0.000259
2044 May	92.5	0.149	0.137	0.00326	21.5	0.0457	19.8	0.0011	0.0011	0.00000553	0.00825	0.00139	0.0268	0.0208	0.00000562	21.2	0.0000204	0.00027
2044 Jun	58.3	0.06	0.0595	0.00192	14	0.0264	8.81	0.000941	0.000941	0.00000473	0.00669	0.000954	0.0152	0.0142	0.00000477	13.3	0.0000193	0.000215
2044 Jul	58.3	0.0498	0.0548	0.00197	13.4	0.0276	8.2	0.00108	0.00108	0.00000542	0.0076	0.001	0.0159	0.0139	0.00000546	13.1	0.0000225	0.000227
2044 Aug	68	0.0592	0.0641	0.00229	15.5	0.0332	9.73	0.00126	0.00126	0.00000632	0.00883	0.00118	0.0189	0.0163	0.00000636	15.4	0.0000257	0.000263
2044 Sep	63	0.0713	0.0675	0.00213	13.9	0.0351	10.6	0.00108	0.00108	0.00000543	0.00766	0.0011	0.0189	0.0148	0.00000548	14.6	0.0000199	0.000227
2044 Oct	66	0.0916	0.0769	0.00225	15	0.038	12.3	0.00103	0.00103	0.00000518	0.00759	0.0011	0.02	0.0149	0.00000524	15.1	0.0000185	0.000219

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2044 Nov	67.1	0.0965	0.0794	0.00229	15.3	0.0389	12.7	0.00103	0.00103	0.00000518	0.00765	0.00111	0.0204	0.015	0.00000524	15.3	0.0000185	0.000219
2044 Dec	67.2	0.0966	0.0796	0.00229	15.3	0.0389	12.7	0.00103	0.00103	0.00000519	0.00766	0.00111	0.0204	0.015	0.00000524	15.3	0.0000185	0.000219
2045 Jan	67.2	0.0966	0.0796	0.00229	15.3	0.0389	12.7	0.00103	0.00103	0.00000519	0.00766	0.00111	0.0204	0.015	0.00000524	15.3	0.0000185	0.000219
2045 Feb	67.2	0.0966	0.0796	0.00229	15.3	0.0389	12.7	0.00103	0.00103	0.00000519	0.00766	0.00111	0.0204	0.015	0.00000524	15.4	0.0000185	0.000219
2045 Mar	67.3	0.0968	0.0797	0.00229	15.3	0.039	12.8	0.00103	0.00103	0.00000519	0.00767	0.00111	0.0205	0.0151	0.00000525	15.4	0.0000185	0.00022
2045 Apr	67.7	0.0974	0.0802	0.00231	15.4	0.0392	12.8	0.00104	0.00104	0.00000522	0.00772	0.00112	0.0206	0.0151	0.00000528	15.5	0.0000186	0.000221
2045 May	70.4	0.101	0.0834	0.0024	16	0.0408	13.3	0.00108	0.00108	0.00000543	0.00802	0.00117	0.0214	0.0157	0.00000549	16.1	0.0000194	0.00023
2045 Jun	65.5	0.0813	0.0878	0.00242	14.7	0.032	13.2	0.000982	0.000982	0.00000494	0.00725	0.000987	0.0205	0.0127	0.00000501	13.3	0.0000206	0.000208
2045 Jul	59.1	0.0549	0.0642	0.00211	12.8	0.0287	9.86	0.00107	0.00107	0.00000536	0.0077	0.000988	0.0179	0.0127	0.0000054	12.5	0.0000229	0.000217
2045 Aug	62.5	0.0579	0.066	0.0022	13.2	0.0323	10.5	0.00115	0.00115	0.00000578	0.00822	0.00109	0.0192	0.0139	0.00000583	13.7	0.0000237	0.000231
2045 Sep	62.8	0.0643	0.0675	0.00218	13.2	0.0344	11.1	0.00112	0.00112	0.00000562	0.00798	0.0011	0.0197	0.014	0.00000567	14	0.0000218	0.000225
2045 Oct	64.6	0.0691	0.0706	0.00223	13.6	0.0356	11.7	0.00113	0.00113	0.00000566	0.00807	0.00112	0.0203	0.0143	0.00000571	14.4	0.0000218	0.000227
2045 Nov	65.1	0.0697	0.0712	0.00225	13.7	0.0358	11.8	0.00113	0.00113	0.0000057	0.00813	0.00113	0.0205	0.0144	0.00000575	14.5	0.000022	0.000229
2045 Dec	65.2	0.0699	0.0714	0.00225	13.8	0.0359	11.9	0.00114	0.00114	0.00000571	0.00814	0.00113	0.0205	0.0144	0.00000576	14.5	0.000022	0.000229
2046 Jan	65.2	0.0699	0.0715	0.00225	13.8	0.0359	11.9	0.00114	0.00114	0.00000571	0.00814	0.00113	0.0206	0.0144	0.00000576	14.5	0.000022	0.000229
2046 Feb	65.2	0.0699	0.0715	0.00226	13.8	0.0359	11.9	0.00114	0.00114	0.00000571	0.00815	0.00113	0.0206	0.0144	0.00000576	14.5	0.000022	0.000229
2046 Mar	65.4	0.0701	0.0717	0.00226	13.8	0.036	11.9	0.00114	0.00114	0.00000573	0.00817	0.00113	0.0206	0.0145	0.00000578	14.6	0.0000221	0.00023
2046 Apr	66.3	0.071	0.0726	0.00229	14	0.0365	12.1	0.00115	0.00115	0.0000058	0.00828	0.00115	0.0209	0.0147	0.00000585	14.7	0.0000224	0.000233
2046 May	69.4	0.0743	0.0757	0.00238	14.7	0.0379	12.6	0.0012	0.0012	0.00000604	0.00861	0.0012	0.0217	0.0155	0.00000609	15.5	0.0000233	0.000245
2046 Jun	57.6	0.0539	0.0596	0.00196	12.7	0.0281	9.75	0.000997	0.000997	0.00000501	0.00706	0.000957	0.0171	0.0129	0.00000506	12.6	0.0000205	0.000209
2046 Jul	46.3	0.0285	0.0317	0.00151	10.3	0.0245	5.41	0.000999	0.000999	0.00000502	0.00689	0.000882	0.0127	0.0117	0.00000504	10.7	0.00002	0.000194
2046 Aug	50.6	0.0332	0.0353	0.00163	10.9	0.0288	6.35	0.00109	0.00109	0.00000546	0.00742	0.000995	0.0144	0.0131	0.00000548	12	0.0000206	0.000208
2046 Sep	56	0.0564	0.052	0.00182	12.1	0.0339	9.64	0.00101	0.00101	0.00000507	0.00693	0.00102	0.0173	0.0133	0.00000512	13.1	0.0000171	0.000199
2046 Oct	64.7	0.0873	0.0723	0.00214	14.5	0.0385	13.3	0.000973	0.000973	0.00000489	0.00706	0.00106	0.0204	0.0139	0.00000495	14.4	0.0000166	0.0002
2046 Nov	66.6	0.0927	0.076	0.0022	15	0.0394	14	0.000974	0.000974	0.0000049	0.00713	0.00107	0.0211	0.0141	0.00000496	14.7	0.0000167	0.000201
2046 Dec	66.7	0.0929	0.0762	0.0022	15	0.0395	14	0.000975	0.000975	0.0000049	0.00714	0.00107	0.0212	0.0141	0.00000497	14.8	0.0000167	0.000201
2047 Jan	66.7	0.0929	0.0762	0.00221	15	0.0395	14	0.000975	0.000975	0.0000049	0.00714	0.00107	0.0212	0.0141	0.00000497	14.8	0.0000167	0.000201
2047 Feb	66.8	0.093	0.0763	0.00221	15	0.0395	14.1	0.000976	0.000976	0.00000491	0.00714	0.00107	0.0212	0.0141	0.00000497	14.8	0.0000167	0.000201
2047 Mar	67.1	0.0934	0.0766	0.00222	15.1	0.0397	14.1	0.000981	0.000981	0.00000493	0.00718	0.00108	0.0213	0.0142	0.000005	14.8	0.0000168	0.000202
2047 Apr	67.6	0.0941	0.0772	0.00223	15.2	0.04	14.2	0.000987	0.000987	0.00000496	0.00723	0.00109	0.0214	0.0142	0.00000503	14.9	0.0000169	0.000204
2047 May	73.8	0.0987	0.0809	0.00229	16.8	0.0396	15	0.00101	0.00101	0.00000506	0.0073	0.00118	0.0218	0.0171	0.00000513	17.2	0.0000178	0.000231
2047 Jun	79.1	0.0736	0.0537	0.00172	19.1	0.0262	10.7	0.000975	0.000975	0.0000049	0.00657	0.00138	0.0146	0.0272	0.00000494	23.4	0.0000197	0.000324
2047 Jul	84	0.0743	0.0539	0.00182	19.4	0.029	11.1	0.00112	0.00112	0.00000561	0.00772	0.00153	0.0161	0.0291	0.00000565	25.1	0.0000232	0.000355
2047 Aug	91.2	0.0812	0.0593	0.00201	20.8	0.0334	12.4	0.00124	0.00124	0.00000621	0.00849	0.00167	0.0182	0.0312	0.00000625	27.1	0.0000249	0.000381
2047 Sep	81.8	0.0839	0.0629	0.00198	18.2	0.0355	13.2	0.00111	0.00111	0.0000056	0.00777	0.00146	0.0194	0.0253	0.00000565	22.9	0.000021	0.000317
2047 Oct	80.8	0.102	0.076	0.00217	17.9	0.0389	15.7	0.00103	0.00103	0.00000519	0.00757	0.00134	0.0219	0.0217	0.00000525	20.9	0.0000193	0.000276
2047 Nov	81.4	0.108	0.0797	0.00223	18.1	0.04	16.4	0.00102	0.00102	0.00000514	0.0076	0.00132	0.0226	0.0211	0.00000521	20.6	0.0000191	0.00027
2047 Dec	81.6	0.108	0.0799	0.00223	18.1	0.04	16.5	0.00102	0.00102	0.00000514	0.00761	0.00132	0.0227	0.0211	0.00000522	20.6	0.0000192	0.00027
2048 Jan	81.6	0.108	0.0799	0.00223	18.1	0.04	16.5	0.00102	0.00102	0.00000515	0.00761	0.00132	0.0227	0.0212	0.00000522	20.7	0.0000192	0.00027
2048 Feb	81.7	0.108	0.08	0.00224	18.1	0.0401	16.5	0.00102	0.00102	0.00000515	0.00762	0.00132	0.0227	0.0212	0.00000522	20.7	0.0000192	0.00027
2048 Mar	81.7	0.108	0.08	0.00224	18.1	0.0401	16.5	0.00102	0.00102	0.00000515	0.00762	0.00132	0.0227	0.0212	0.00000522	20.7	0.0000192	0.00027
2048 Apr	82.6	0.109	0.0808	0.00226	18.3	0.0405	16.7	0.00103	0.00103	0.0000052	0.00769	0.00134	0.0229	0.0214	0.00000527	20.9	0.0000194	0.000273
2048 May	86.3	0.114	0.0844	0.00236	19.2	0.0423	17.4	0.00108	0.00108	0.00000544	0.00804	0.0014	0.0239	0.0224	0.00000551	21.9	0.0000203	0.000286
2048 Jun	60	0.0611	0.0512	0.00179	13.5	0.03	10	0.000985	0.000985	0.00000495	0.00706	0.00101	0.0168	0.0149	0.00000499	14.3	0.0000196	0.00022
2048 Jul	45.9	0.0264	0.0264	0.00143	9.61	0.0249	5.12	0.00103	0.00103	0.00000518	0.00727	0.000919	0.0128	0.0122	0.0000052	11.1	0.0000211	0.000202
2048 Aug	49.5	0.0336	0.0323	0.00152	10.1	0.0303	6.86	0.00106	0.00106	0.00000529	0.00716	0.00101	0.0147	0.0131	0.00000532	12.2	0.0000189	0.0002
2048 Sep	55.3	0.0496	0.0446	0.0017	11.5	0.035	9.64	0.00104	0.00104	0.00000519	0.00696	0.00105	0.0175	0.0136	0.00000524	13.3	0.0000169	0.0002
2048 Oct	63	0.0725	0.0619	0.00197	13.3	0.0385	13.2	0.000999	0.000999	0.00000502	0.00698	0.00108	0.0207	0.0139	0.00000508	14.4	0.0000165	0.0002
2048 Nov	65.9	0.0806	0.0674	0.00206	14	0.04	14.4	0.000999	0.000999	0.00000502	0.00707	0.0011	0.0218	0.0141	0.00000509	14.9	0.0000165	0.000202
2048 Dec	66	0.0807	0.0675	0.00207	14	0.04	14.4	0.001	0.001	0.00000503	0.00708	0.0011	0.0219	0.0141	0.00000509	14.9	0.0000166	0.000202
2049 Jan	66	0.0807	0.0675	0.00207	14	0.04	14.5	0.001	0.001	0.00000503	0.00708	0.0011	0.0219	0.0141	0.0000051	14.9	0.0000166	0.000202
2049 Feb	66.1	0.0807	0.0676	0.00207	14	0.04	14.5	0.001	0.001	0.00000503	0.00708	0.0011	0.0219	0.0142	0.0000051	14.9	0.0000166	0.000202
2049 Mar	66.2	0.0809	0.0677	0.00207	14.1	0.0401	14.5	0.001	0.001	0.00000504	0.0071	0.0011	0.0219	0.0142	0.00000511	14.9	0.0000166	0.000203
2049 Apr	66.9	0.0817	0.0684	0.00209	14.2	0.0405	14.6	0.00101	0.00101	0.00000509	0.00717	0.00111	0.0221	0.0143	0.00000516	15.1	0.0000168	0.000205
2049 May	70	0.0857	0.0713	0.00218	14.9	0.0421	15.3	0.00105	0.00105	0.0000053	0.00747	0.00116	0.0231	0.0152	0.00000537	15.9	0.0000175	0.000215
2049 Jun	51.7	0.0438	0.04	0.0016	11.6	0.0272	8	0.000953	0.000953	0.00000479	0.00663	0.0009	0.0149	0.0125	0.00000483	11.9	0.0000186	0.000196
2049 Jul	46.9	0.0278	0.0282	0.00146	10	0.0252	5.63	0.00102	0.00102	0.00000513	0.00712	0.000909	0.0132	0.0121	0.00000516	11.1	0.0000207	0.0002
2049 Aug	54.4	0.0331	0.0329	0.00168	11.5	0.0303	6.82	0.00118	0.00118	0.00000593	0.00818	0.00107	0.0156	0.0142	0.00000596	13	0.0000233	0.00023
2049 Sep	57.1	0.0514	0.043	0.00172	11.6	0.034	9.85	0.00108	0.00108	0.00000543	0.00764	0.00107	0.018	0.0139	0.00000547	13.6	0.0000201	0.000213
2049 Oct	62	0.0754	0.0534	0.00183	12.8	0.0377	12.6	0.00101	0.00101	0.0000051	0.00753	0.00108	0.02	0.0142	0.00000515	14.5	0.0000186	0.000205
2049 Nov	63.7	0.0804	0.056	0.00188	13.2	0.0387	13.3	0.00101	0.00101	0.00000509	0.00759	0.00109	0.0207	0.0143	0.00000515	14.8	0.0000186	0.000206
2049 Dec	63.8	0.0806	0.0561	0.00188	13.2	0.0387	13.3	0.00101	0.00101	0.0000051	0.0076	0.00109	0.0207	0.0144	0.00000516	14.8	0.0000186	0.000207
2050 Jan	63.8	0.0806	0.0562	0.00188	13.2	0.0387	13.3	0.00101	0.00101	0.0000051	0.0076	0.00109	0.0207	0.0144	0.00000516	14.8	0.0000186	0.000207
2050 Feb	63.8	0.0806	0.0562	0.00188	13.2	0.0387	13.3	0.00101	0.00101	0.0000051	0.00761	0.00109	0.0207	0.0144	0.00000516	14.8	0.0000186	0.000207
2050 Mar	63.8	0.0806	0.0562	0.00188	13.2	0.0388	13.4	0.00102	0.00102	0.0000051	0.00761	0.00109	0.0207	0.0144	0.00000516	14.8	0.0000187	0.000207
2050 Apr	64.3	0.0813	0.0566	0.0019	13.3	0.0391	13.5	0.00102	0.00102	0.00000514	0.00767	0.0011	0.0209	0.0145	0.0000052	15	0.0000188	0.000208
2050 May	66.9	0.0846	0.0589	0.00197	13.9	0.0405	14	0.00106	0.00106	0.00000532	0.00794	0.00114	0.0217	0.0151	0.00000538	15.6	0.0000195	0.000217

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Jun	56	0.0514	0.0402	0.00158	12.3	0.0281	8.88	0.000963	0.000963	0.00000484	0.00687	0.000984	0.0154	0.0146	0.00000488	13.8	0.0000193	0.000214
2050 Jul	45.3	0.0275	0.0265	0.00137	9.74	0.0253	5.59	0.000972	0.000972	0.00000488	0.00665	0.000901	0.0125	0.0122	0.0000049	11.1	0.0000187	0.000189
2050 Aug	49.5	0.03	0.0289	0.00149	10.3	0.0295	6.48	0.00107	0.00107	0.00000535	0.00718	0.00102	0.0139	0.0136	0.00000538	12.3	0.0000194	0.0002
2050 Sep	52.7	0.0412	0.0351	0.00156	10.8	0.033	8.49	0.00105	0.00105	0.00000525	0.00706	0.00105	0.0158	0.0138	0.00000528	13	0.0000179	0.000197
2050 Oct	55.1	0.0464	0.0381	0.00162	11.3	0.0347	9.3	0.00106	0.00106	0.00000534	0.00723	0.00108	0.0167	0.0142	0.00000537	13.5	0.0000181	0.000201
2050 Nov	55.8	0.0471	0.0387	0.00164	11.4	0.035	9.47	0.00107	0.00107	0.00000539	0.00731	0.00109	0.017	0.0144	0.00000543	13.7	0.0000183	0.000203
2050 Dec	55.9	0.0471	0.0388	0.00165	11.5	0.0351	9.5	0.00107	0.00107	0.00000539	0.00732	0.0011	0.017	0.0144	0.00000543	13.7	0.0000183	0.000203
2051 Jan	55.9	0.0472	0.0388	0.00165	11.5	0.0351	9.51	0.00108	0.00108	0.0000054	0.00732	0.0011	0.017	0.0144	0.00000544	13.7	0.0000183	0.000203
2051 Feb	56	0.0472	0.0388	0.00165	11.5	0.0351	9.51	0.00108	0.00108	0.0000054	0.00732	0.0011	0.017	0.0144	0.00000544	13.7	0.0000183	0.000203
2051 Mar	56	0.0472	0.0389	0.00165	11.5	0.0352	9.52	0.00108	0.00108	0.0000054	0.00733	0.0011	0.0171	0.0144	0.00000544	13.7	0.0000183	0.000203
2051 Apr	56.6	0.0478	0.0393	0.00167	11.6	0.0356	9.63	0.00109	0.00109	0.00000546	0.00741	0.00111	0.0172	0.0146	0.00000551	13.9	0.0000186	0.000206
2051 May	63.3	0.0554	0.0472	0.00182	12.8	0.0373	11.6	0.00112	0.00112	0.00000563	0.00767	0.00119	0.0193	0.0162	0.00000568	15.5	0.0000196	0.000223
2051 Jun	56.6	0.0416	0.0384	0.00152	12.9	0.0243	8.49	0.000929	0.000929	0.00000467	0.0063	0.000972	0.0143	0.0157	0.00000471	14.3	0.0000189	0.000222
2051 Jul	52.6	0.0321	0.0322	0.00154	11.7	0.0257	7.05	0.00104	0.00104	0.00000521	0.00706	0.000952	0.0143	0.0138	0.00000524	12.6	0.0000209	0.000215
2051 Aug	52.6	0.0343	0.0314	0.00149	10.8	0.03	7.91	0.00104	0.00104	0.00000523	0.00701	0.00103	0.0154	0.0142	0.00000526	13.2	0.0000189	0.00021
2051 Sep	54.9	0.0539	0.0343	0.00149	11.7	0.0346	9.36	0.000991	0.000991	0.00000497	0.00687	0.00104	0.0166	0.0143	0.00000501	13.8	0.0000163	0.000202
2051 Oct	58.9	0.0868	0.0371	0.00154	13.9	0.0397	10.8	0.000943	0.000943	0.00000474	0.00705	0.00102	0.0172	0.0146	0.00000478	14.6	0.0000149	0.000191
2051 Nov	59.9	0.0905	0.0375	0.00155	14.2	0.0406	11.1	0.000951	0.000951	0.00000478	0.00717	0.00103	0.0175	0.0149	0.00000483	14.9	0.000015	0.000192
2051 Dec	60	0.0906	0.0376	0.00156	14.2	0.0406	11.1	0.000952	0.000952	0.00000479	0.00717	0.00103	0.0176	0.0149	0.00000483	14.9	0.000015	0.000193
2052 Jan	60	0.0906	0.0376	0.00156	14.2	0.0406	11.1	0.000952	0.000952	0.00000479	0.00717	0.00103	0.0176	0.0149	0.00000483	14.9	0.000015	0.000193
2052 Feb	60	0.0907	0.0376	0.00156	14.2	0.0406	11.1	0.000953	0.000953	0.00000479	0.00718	0.00103	0.0176	0.0149	0.00000483	14.9	0.000015	0.000193
2052 Mar	60.2	0.0909	0.0377	0.00156	14.3	0.0408	11.2	0.000955	0.000955	0.0000048	0.0072	0.00103	0.0176	0.0149	0.00000485	15	0.0000151	0.000193
2052 Apr	60.6	0.0915	0.038	0.00157	14.4	0.041	11.2	0.000961	0.000961	0.00000483	0.00724	0.00104	0.0177	0.015	0.00000488	15.1	0.0000152	0.000194
2052 May	65.8	0.0952	0.0381	0.00155	15.2	0.0408	11.7	0.000986	0.000986	0.00000495	0.00748	0.00116	0.0179	0.0182	0.000005	17.5	0.0000164	0.000225
2052 Jun	69.4	0.0645	0.0347	0.00144	16.6	0.0281	8.93	0.000986	0.000986	0.00000495	0.00681	0.00126	0.0137	0.0236	0.00000498	20.5	0.0000191	0.000288
2052 Jul	62.3	0.0493	0.0315	0.00142	13.6	0.0303	8.62	0.00102	0.00102	0.00000514	0.00689	0.00123	0.0141	0.0206	0.00000517	18	0.0000184	0.000252
2052 Aug	63.2	0.0495	0.0333	0.00149	13.5	0.0346	9.56	0.00107	0.00107	0.00000536	0.00696	0.00128	0.0155	0.0202	0.0000054	18	0.0000172	0.000244
2052 Sep	62.6	0.0567	0.0359	0.00152	13.4	0.0377	10.7	0.00104	0.00104	0.0000052	0.00677	0.00123	0.017	0.0187	0.00000524	17.2	0.0000153	0.000226
2052 Oct	64.6	0.0664	0.04	0.00159	13.9	0.0397	12	0.00103	0.00103	0.00000515	0.00689	0.00123	0.0183	0.0182	0.0000052	17.2	0.0000152	0.000222
2052 Nov	65.3	0.0671	0.0405	0.00161	14	0.0401	12.2	0.00103	0.00103	0.00000519	0.00695	0.00124	0.0186	0.0183	0.00000524	17.4	0.0000153	0.000224
2052 Dec	65.4	0.0672	0.0406	0.00161	14	0.0401	12.2	0.00104	0.00104	0.0000052	0.00696	0.00124	0.0186	0.0184	0.00000525	17.4	0.0000153	0.000224
2053 Jan	65.5	0.0673	0.0406	0.00161	14	0.0401	12.2	0.00104	0.00104	0.0000052	0.00696	0.00124	0.0186	0.0184	0.00000525	17.4	0.0000153	0.000224
2053 Feb	65.5	0.0673	0.0407	0.00161	14.1	0.0402	12.2	0.00104	0.00104	0.00000521	0.00697	0.00124	0.0186	0.0184	0.00000526	17.4	0.0000154	0.000224
2053 Mar	65.8	0.0676	0.0408	0.00162	14.1	0.0403	12.3	0.00104	0.00104	0.00000523	0.00699	0.00124	0.0187	0.0185	0.00000528	17.5	0.0000154	0.000225
2053 Apr	66.6	0.0684	0.0413	0.00164	14.3	0.0408	12.4	0.00105	0.00105	0.00000529	0.00708	0.00126	0.0189	0.0187	0.00000534	17.7	0.0000156	0.000228
2053 May	83.7	0.0834	0.0567	0.00182	17.6	0.0393	17.1	0.00104	0.00104	0.00000521	0.00711	0.00145	0.0223	0.0245	0.00000529	22.9	0.0000182	0.000288
2053 Jun	71.9	0.0567	0.0374	0.00143	17.2	0.0244	9.66	0.000932	0.000932	0.00000469	0.00607	0.00126	0.0134	0.025	0.00000472	21.5	0.0000183	0.000298
2053 Jul	74.8	0.0557	0.038	0.00156	17.5	0.0272	9.79	0.00106	0.00106	0.00000534	0.00704	0.00135	0.0148	0.0255	0.00000538	22	0.0000212	0.000315
2053 Aug	81.2	0.0604	0.0405	0.00168	18.4	0.0316	11.2	0.00117	0.00117	0.00000589	0.00777	0.00149	0.017	0.0274	0.00000593	23.9	0.0000227	0.000339
2053 Sep	87.6	0.0662	0.0444	0.00181	19.5	0.0349	12.8	0.00125	0.00125	0.0000063	0.00836	0.0016	0.0192	0.0291	0.00000635	25.6	0.0000242	0.00036
2053 Oct	90.4	0.0709	0.0488	0.00188	19.5	0.0366	14.8	0.00125	0.00125	0.0000063	0.00847	0.00161	0.0212	0.0289	0.00000636	25.8	0.0000245	0.000359
2053 Nov	91.1	0.0734	0.0513	0.0019	19.2	0.0374	16	0.00123	0.00123	0.0000062	0.00842	0.0016	0.0224	0.0283	0.00000626	25.6	0.0000244	0.000353
2053 Dec	91.1	0.0734	0.0514	0.0019	19.2	0.0374	16	0.00123	0.00123	0.0000062	0.00842	0.0016	0.0225	0.0283	0.00000627	25.7	0.0000244	0.000353
2054 Jan	91.2	0.0734	0.0514	0.0019	19.2	0.0374	16	0.00123	0.00123	0.0000062	0.00842	0.0016	0.0225	0.0283	0.00000627	25.7	0.0000244	0.000353
2054 Feb	91.2	0.0735	0.0515	0.0019	19.2	0.0374	16	0.00123	0.00123	0.00000621	0.00843	0.0016	0.0225	0.0283	0.00000627	25.7	0.0000244	0.000353
2054 Mar	91.2	0.0735	0.0515	0.00191	19.2	0.0374	16	0.00124	0.00124	0.00000621	0.00843	0.0016	0.0225	0.0283	0.00000627	25.7	0.0000244	0.000353
2054 Apr	92.2	0.0742	0.052	0.00192	19.4	0.0378	16.2	0.00125	0.00125	0.00000627	0.00851	0.00162	0.0227	0.0286	0.00000634	25.9	0.0000247	0.000357
2054 May	96.4	0.0789	0.0563	0.00198	19.9	0.0386	17.9	0.00125	0.00125	0.00000626	0.00857	0.00167	0.0243	0.0296	0.00000634	27.1	0.0000251	0.000367
2054 Jun	68.9	0.0512	0.0357	0.00137	14.7	0.0241	10.1	0.000944	0.000944	0.00000474	0.00666	0.00126	0.0148	0.0232	0.00000477	20.3	0.0000206	0.000294
2054 Jul	56.2	0.0346	0.0278	0.00134	11.6	0.0258	7.75	0.000995	0.000995	0.00000499	0.00684	0.0011	0.0139	0.0174	0.00000502	15.4	0.00002	0.000238
2054 Aug	56.8	0.0374	0.0285	0.00138	11.5	0.031	8.86	0.00102	0.00102	0.00000511	0.00675	0.00113	0.0155	0.0169	0.00000514	15.4	0.0000176	0.000226
2054 Sep	58.3	0.0446	0.03	0.00141	11.9	0.0352	9.99	0.00102	0.00102	0.00000513	0.00671	0.00115	0.0171	0.0166	0.00000517	15.6	0.0000159	0.000221
2054 Oct	59.5	0.057	0.0322	0.00144	12.5	0.0373	11	0.00099	0.00099	0.00000497	0.0067	0.00112	0.0179	0.016	0.00000502	15.5	0.000015	0.000212
2054 Nov	60.1	0.0617	0.0332	0.00146	12.9	0.0381	11.3	0.000983	0.000983	0.00000494	0.00671	0.0011	0.0181	0.0159	0.00000498	15.5	0.0000148	0.000209
2054 Dec	60.2	0.0618	0.0333	0.00147	12.9	0.0381	11.3	0.000984	0.000984	0.00000494	0.00672	0.00111	0.0182	0.0159	0.00000499	15.5	0.0000148	0.000209
2055 Jan	60.2	0.0618	0.0333	0.00147	12.9	0.0381	11.3	0.000984	0.000984	0.00000494	0.00672	0.00111	0.0182	0.0159	0.00000499	15.5	0.0000148	0.000209
2055 Feb	60.2	0.0618	0.0333	0.00147	12.9	0.0381	11.3	0.000984	0.000984	0.00000495	0.00672	0.00111	0.0182	0.0159	0.00000499	15.5	0.0000149	0.000209
2055 Mar	60.3	0.0619	0.0334	0.00147	12.9	0.0382	11.4	0.000985	0.000985	0.00000495	0.00673	0.00111	0.0182	0.0159	0.000005	15.5	0.0000149	0.000209
2055 Apr	60.8	0.0624	0.0336	0.00148	13.1	0.0385	11.5	0.000994	0.000994	0.00000499	0.00679	0.00112	0.0183	0.016	0.00000504	15.7	0.000015	0.000211
2055 May	63.1	0.0647	0.0349	0.00154	13.5	0.0399	11.9	0.00103	0.00103	0.00000518	0.00704	0.00116	0.019	0.0166	0.00000523	16.3	0.0000156	0.000219
2055 Jun	47.4	0.0327	0.025	0.00133	10.2	0.0264	6.9	0.00095	0.00095	0.00000477	0.00658	0.000874	0.0139	0.012	0.0000048	11.4	0.0000183	0.00019
2055 Jul	44.7	0.0221	0.0196	0.00132	9.43	0.0249	4.84	0.00103	0.00103	0.00000518	0.00712	0.000897	0.0125	0.0121	0.00000519	10.9	0.0000206	0.000199
2055 Aug	48	0.0235	0.0197	0.00139	9.81	0.0285	5.32	0.00112	0.00112	0.00000562	0.00767	0.001	0.0136	0.0134	0.00000564	12.1	0.0000214	0.000212
2055 Sep	48.6	0.0301	0.0199	0.00133	9.75	0.0313	6.34	0.00108	0.00108	0.00000541	0.00737	0.00102	0.0145	0.0135	0.00000543	12.5	0.000019	0.000206
2055 Oct	50.6	0.0356	0.0216	0.00136	10.2	0.0328	7.11	0.00108	0.00108	0.00000542	0.00745	0.00105	0.0152	0.0138	0.00000545	13	0.0000189	0.000208
2055 Nov	51.3	0.0373	0.0223	0.00137	10.3	0.0333	7.43	0.00108	0.00108	0.00000542	0.00748	0.00105	0.0155	0.0139	0.00000545	13.1	0.0000189	0.000209
2055 Dec	51.4	0.0375	0.0224	0.00137	10.3	0.0333	7.48	0.00108	0.00108	0.00000543	0.00749	0.00105	0.0156	0.0139	0.00000545	13.1	0.0000189	0.000209

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Jan	51.4	0.0375	0.0224	0.00137	10.3	0.0333	7.49	0.00108	0.00108	0.00000543	0.00749	0.00105	0.0156	0.0139	0.00000546	13.2	0.0000189	0.000209
2056 Feb	51.4	0.0375	0.0224	0.00137	10.3	0.0334	7.49	0.00108	0.00108	0.00000543	0.00749	0.00105	0.0156	0.0139	0.00000546	13.2	0.0000189	0.000209
2056 Mar	51.5	0.0376	0.0224	0.00138	10.3	0.0334	7.5	0.00108	0.00108	0.00000544	0.0075	0.00106	0.0156	0.014	0.00000547	13.2	0.0000189	0.000209
2056 Apr	52	0.038	0.0226	0.00139	10.4	0.0337	7.57	0.0011	0.0011	0.00000549	0.00758	0.00107	0.0158	0.0141	0.00000552	13.3	0.0000191	0.000211
2056 May	61.1	0.047	0.0258	0.00139	12.7	0.0328	8.59	0.00109	0.00109	0.00000547	0.00754	0.00122	0.0157	0.0191	0.0000055	17.2	0.0000197	0.000255
2056 Jun	70	0.0522	0.0276	0.00124	16.7	0.023	7.43	0.000957	0.000957	0.0000048	0.00633	0.00133	0.0112	0.0268	0.00000482	22.4	0.000019	0.000316
2056 Jul	72.5	0.0505	0.0269	0.00134	16.7	0.0263	7.67	0.00108	0.00108	0.00000543	0.00721	0.00142	0.0125	0.0275	0.00000545	23	0.0000213	0.00033
2056 Aug	71.2	0.0483	0.0268	0.00137	15.7	0.0302	8.56	0.00112	0.00112	0.00000559	0.00732	0.00144	0.014	0.0261	0.00000562	22.2	0.0000203	0.000312
2056 Sep	73.5	0.0534	0.0282	0.00143	15.9	0.0333	9.64	0.00115	0.00115	0.00000578	0.00763	0.00148	0.0155	0.0262	0.00000581	22.6	0.0000205	0.000314
2056 Oct	71.5	0.0638	0.0328	0.00146	15.2	0.0358	11.8	0.00106	0.00106	0.00000534	0.00734	0.00135	0.0177	0.0227	0.00000539	20.5	0.0000187	0.000276
2056 Nov	71.5	0.0665	0.0333	0.00146	15	0.0366	12.3	0.00105	0.00105	0.0000053	0.00736	0.00134	0.0182	0.0222	0.00000534	20.3	0.0000185	0.000271
2056 Dec	71.6	0.0666	0.0334	0.00146	15.1	0.0367	12.4	0.00106	0.00106	0.0000053	0.00736	0.00134	0.0182	0.0223	0.00000535	20.3	0.0000185	0.000271
2057 Jan	71.6	0.0666	0.0334	0.00146	15.1	0.0367	12.4	0.00106	0.00106	0.0000053	0.00737	0.00134	0.0183	0.0223	0.00000535	20.4	0.0000185	0.000271
2057 Feb	71.6	0.0667	0.0334	0.00146	15.1	0.0367	12.4	0.00106	0.00106	0.0000053	0.00737	0.00134	0.0183	0.0223	0.00000535	20.4	0.0000185	0.000271
2057 Mar	71.8	0.0668	0.0335	0.00147	15.1	0.0368	12.4	0.00106	0.00106	0.00000532	0.00739	0.00135	0.0183	0.0223	0.00000537	20.4	0.0000186	0.000272
2057 Apr	72.6	0.0675	0.0338	0.00148	15.3	0.0372	12.5	0.00107	0.00107	0.00000537	0.00747	0.00136	0.0185	0.0226	0.00000542	20.6	0.0000188	0.000275
2057 May	76.5	0.0716	0.0352	0.00152	16	0.0384	13.3	0.0011	0.0011	0.00000555	0.00773	0.00143	0.0193	0.0241	0.0000056	22	0.0000196	0.000291
2057 Jun	55	0.0374	0.0236	0.00124	12.3	0.0235	6.47	0.000948	0.000948	0.00000476	0.00655	0.00105	0.0121	0.018	0.00000478	15.6	0.0000192	0.000243
2057 Jul	52.8	0.0301	0.0207	0.00129	11.1	0.0251	5.75	0.00105	0.00105	0.00000527	0.00735	0.00107	0.0127	0.0167	0.00000529	14.6	0.0000216	0.000241
2057 Aug	62.6	0.0358	0.0242	0.00153	13.1	0.0308	6.96	0.00125	0.00125	0.00000628	0.00869	0.00128	0.0153	0.0197	0.0000063	17.3	0.0000251	0.000284
2057 Sep	65.6	0.04	0.0256	0.00158	13.4	0.0334	8.2	0.00129	0.00129	0.00000645	0.00897	0.00132	0.0169	0.0202	0.00000648	18	0.0000254	0.00029
2057 Oct	66.7	0.0464	0.0292	0.00157	13	0.0347	10.6	0.00121	0.00121	0.00000609	0.00864	0.00128	0.0189	0.019	0.00000613	17.7	0.0000243	0.000273
2057 Nov	67.4	0.0476	0.03	0.00158	13	0.0351	11.1	0.00121	0.00121	0.00000609	0.00866	0.00129	0.0193	0.019	0.00000613	17.7	0.0000243	0.000273
2057 Dec	67.5	0.0477	0.0301	0.00159	13	0.0352	11.1	0.00121	0.00121	0.0000061	0.00867	0.00129	0.0194	0.0191	0.00000614	17.8	0.0000243	0.000273
2058 Jan	67.5	0.0477	0.0301	0.00159	13	0.0352	11.1	0.00121	0.00121	0.0000061	0.00867	0.00129	0.0194	0.0191	0.00000614	17.8	0.0000243	0.000273
2058 Feb	67.5	0.0477	0.0301	0.00159	13	0.0352	11.1	0.00122	0.00122	0.0000061	0.00867	0.00129	0.0194	0.0191	0.00000614	17.8	0.0000243	0.000273
2058 Mar	67.6	0.0478	0.0301	0.00159	13	0.0352	11.1	0.00122	0.00122	0.0000061	0.00868	0.00129	0.0194	0.0191	0.00000615	17.8	0.0000243	0.000273
2058 Apr	68	0.0481	0.0303	0.0016	13.1	0.0355	11.2	0.00122	0.00122	0.00000614	0.00874	0.0013	0.0195	0.0192	0.00000619	17.9	0.0000245	0.000275
2058 May	79	0.0579	0.0367	0.00162	15.3	0.035	14.1	0.00119	0.00119	0.00000595	0.00846	0.00144	0.0212	0.0236	0.00000601	21.8	0.0000246	0.000312
2058 Jun	67.5	0.0481	0.0285	0.00125	15.9	0.0223	8.24	0.000917	0.000917	0.0000046	0.00603	0.00123	0.012	0.0244	0.00000463	20.7	0.0000185	0.000294
2058 Jul	66.8	0.044	0.0277	0.00137	15.5	0.0252	7.89	0.00104	0.00104	0.0000052	0.00683	0.00124	0.0131	0.0231	0.00000523	19.7	0.0000205	0.000291
2058 Aug	70.8	0.0455	0.0278	0.00144	15.9	0.0287	8.74	0.00113	0.00113	0.00000565	0.00742	0.00136	0.0146	0.0245	0.00000568	21.1	0.0000217	0.000307
2058 Sep	68.4	0.0522	0.0266	0.00136	14.4	0.0318	10.3	0.00107	0.00107	0.00000536	0.00734	0.0013	0.0163	0.0223	0.0000054	19.9	0.0000201	0.000281
2058 Oct	68.1	0.0615	0.027	0.00134	13.9	0.0345	11.7	0.00103	0.00103	0.00000518	0.0074	0.00127	0.0177	0.0209	0.00000523	19.2	0.0000194	0.000264
2058 Nov	68.7	0.063	0.0274	0.00135	14	0.035	12	0.00104	0.00104	0.00000521	0.00746	0.00128	0.0181	0.0209	0.00000525	19.3	0.0000194	0.000264
2058 Dec	68.7	0.0631	0.0274	0.00135	14	0.0351	12.1	0.00104	0.00104	0.00000521	0.00746	0.00128	0.0181	0.021	0.00000525	19.4	0.0000195	0.000264
2059 Jan	68.7	0.0631	0.0274	0.00135	14	0.0351	12.1	0.00104	0.00104	0.00000521	0.00746	0.00128	0.0181	0.021	0.00000525	19.4	0.0000195	0.000264
2059 Feb	68.8	0.0631	0.0274	0.00135	14	0.0351	12.1	0.00104	0.00104	0.00000521	0.00747	0.00128	0.0181	0.021	0.00000526	19.4	0.0000195	0.000264
2059 Mar	68.8	0.0631	0.0274	0.00135	14	0.0351	12.1	0.00104	0.00104	0.00000521	0.00747	0.00128	0.0181	0.021	0.00000526	19.4	0.0000195	0.000264
2059 Apr	69.3	0.0636	0.0276	0.00136	14.1	0.0353	12.2	0.00105	0.00105	0.00000525	0.00752	0.00129	0.0183	0.0211	0.0000053	19.5	0.0000196	0.000266
2059 May	75.4	0.0684	0.03	0.00139	15.5	0.0353	13.1	0.00106	0.00106	0.00000532	0.00762	0.00139	0.0187	0.024	0.00000537	21.8	0.0000204	0.000294
2059 Jun	82.6	0.0667	0.0316	0.00128	18.3	0.0265	11.1	0.000997	0.000997	0.000005	0.007	0.00155	0.0146	0.0312	0.00000504	26.6	0.0000211	0.000362
2059 Jul	94.8	0.0748	0.0352	0.00149	20.8	0.0311	12.5	0.00119	0.00119	0.00000595	0.00832	0.0018	0.0169	0.0359	0.00000599	30.5	0.000025	0.000419
2059 Aug	107	0.0841	0.0395	0.00169	23.5	0.0363	14.2	0.00136	0.00136	0.00000682	0.00947	0.00204	0.0193	0.0404	0.00000686	34.4	0.000028	0.000471
2059 Sep	101	0.083	0.0362	0.00162	21.7	0.0375	14.1	0.00132	0.00132	0.0000066	0.00926	0.00193	0.0197	0.0372	0.00000665	32.1	0.0000265	0.000436
2059 Oct	74.3	0.0844	0.0263	0.00131	15.8	0.0378	12.5	0.00104	0.00104	0.0000052	0.00787	0.00138	0.018	0.024	0.00000524	22	0.0000196	0.000288
2059 Nov	72.9	0.087	0.0257	0.0013	15.5	0.0386	12.5	0.00103	0.00103	0.00000515	0.00789	0.00135	0.018	0.0232	0.00000519	21.3	0.0000192	0.000278
2059 Dec	73	0.087	0.0257	0.0013	15.5	0.0386	12.5	0.00103	0.00103	0.00000515	0.00789	0.00135	0.018	0.0232	0.00000519	21.4	0.0000192	0.000279
2060 Jan	73	0.0871	0.0257	0.0013	15.5	0.0386	12.5	0.00103	0.00103	0.00000515	0.00789	0.00135	0.0181	0.0232	0.00000519	21.4	0.0000192	0.000279
2060 Feb	73	0.0871	0.0257	0.0013	15.5	0.0386	12.5	0.00103	0.00103	0.00000515	0.0079	0.00135	0.0181	0.0232	0.0000052	21.4	0.0000192	0.000279
2060 Mar	73.1	0.0872	0.0258	0.0013	15.6	0.0387	12.5	0.00103	0.00103	0.00000516	0.00791	0.00135	0.0181	0.0232	0.0000052	21.4	0.0000192	0.000279
2060 Apr	73.9	0.0882	0.026	0.00131	15.7	0.0391	12.7	0.00104	0.00104	0.00000522	0.00799	0.00137	0.0183	0.0235	0.00000526	21.6	0.0000194	0.000282
2060 May	81.7	0.086	0.0281	0.00127	17.7	0.0348	12.8	0.00102	0.00102	0.00000514	0.00765	0.00152	0.0171	0.0288	0.00000518	25.5	0.0000202	0.000332
2060 Jun	73.6	0.0568	0.0273	0.00123	17.7	0.0236	8.09	0.000962	0.000962	0.00000483	0.00634	0.00137	0.0115	0.0284	0.00000485	23.7	0.000019	0.000329
2060 Jul	83	0.0616	0.0304	0.00146	19.8	0.028	8.97	0.00115	0.00115	0.00000578	0.0076	0.00157	0.0135	0.0316	0.0000058	26.5	0.0000227	0.000372
2060 Aug	81.1	0.0598	0.0279	0.00143	18.7	0.0314	9.36	0.00118	0.00118	0.0000059	0.00772	0.00158	0.0147	0.0304	0.00000592	25.8	0.0000217	0.00036
2060 Sep	65.1	0.0571	0.0212	0.00121	14.2	0.0357	9.47	0.00101	0.00101	0.00000507	0.00669	0.00128	0.0159	0.0217	0.0000051	19.7	0.000015	0.000269
2060 Oct	65.4	0.0677	0.023	0.00124	14.1	0.0385	11	0.000987	0.000987	0.00000496	0.00685	0.00124	0.0175	0.0201	0.00000499	18.9	0.0000148	0.000251
2060 Nov	65.9	0.0721	0.024	0.00126	14.1	0.0394	11.8	0.000977	0.000977	0.0000049	0.00692	0.00122	0.0182	0.0196	0.00000495	18.6	0.0000148	0.000245
2060 Dec	66	0.0722	0.024	0.00126	14.2	0.0395	11.9	0.000978	0.000978	0.00000491	0.00693	0.00122	0.0183	0.0196	0.00000495	18.7	0.0000148	0.000245
2061 Jan	66.1	0.0722	0.0241	0.00126	14.2	0.0395	11.9	0.000978	0.000978	0.00000491	0.00693	0.00122	0.0183	0.0196	0.00000495	18.7	0.0000148	0.000245
2061 Feb	66.1	0.0722	0.0241	0.00126	14.2	0.0395	11.9	0.000978	0.000978	0.00000491	0.00693	0.00122	0.0183	0.0196	0.00000495	18.7	0.0000148	0.000245
2061 Mar	66.1	0.0723	0.0241	0.00126	14.2	0.0396	11.9	0.000979	0.000979	0.00000491	0.00694	0.00122	0.0183	0.0196	0.00000496	18.7	0.0000149	0.000245
2061 Apr	66.8	0.073	0.0243	0.00127	14.3	0.04	12	0.000989	0.000989	0.00000496	0.00701	0.00124	0.0185	0.0198	0.00000501	18.9	0.000015	0.000248
2061 May	77.1	0.0747	0.0282	0.00129	16.9	0.0357	12.6	0.001	0.001	0.00000502	0.00697	0.00141	0.0177	0.0258	0.00000506	23.3	0.0000172	0.000305
2061 Jun	69.8	0.0513	0.0267	0.00123	16.7	0.0235	8.23	0.000939	0.000939	0.00000471	0.00611	0.00128	0.0119	0.0259	0.00000474	21.8	0.0000183	0.000305
2061 Jul	77.3	0.0539	0.0279	0.00139	17.8	0.0276	9.1	0.00111	0.00111	0.00000556	0.00731	0.00146	0.0139	0.0285	0.00000559	24.1	0.0000217	0.000341

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Aug	86	0.0593	0.0305	0.00155	19.6	0.0321	10.3	0.00125	0.00125	0.00000629	0.00822	0.00165	0.0158	0.0317	0.00000632	26.8	0.000024	0.000378
2061 Sep	83.5	0.0593	0.0283	0.00149	18.3	0.0337	11	0.00123	0.00123	0.00000615	0.00817	0.00161	0.0168	0.03	0.00000619	25.8	0.0000232	0.00036
2061 Oct	72.9	0.0682	0.025	0.00129	14.9	0.0358	12.9	0.00104	0.00104	0.00000521	0.00752	0.00135	0.0184	0.0231	0.00000526	21.2	0.0000195	0.000281
2061 Nov	70.9	0.073	0.0242	0.00126	14.3	0.037	13.2	0.001	0.001	0.00000504	0.00748	0.0013	0.0188	0.0216	0.00000509	20.2	0.0000188	0.000264
2061 Dec	71	0.0731	0.0243	0.00126	14.3	0.0371	13.3	0.001	0.001	0.00000504	0.00748	0.0013	0.0189	0.0216	0.00000509	20.2	0.0000188	0.000264
2062 Jan	71	0.0731	0.0243	0.00126	14.3	0.0371	13.3	0.001	0.001	0.00000505	0.00748	0.0013	0.0189	0.0216	0.0000051	20.2	0.0000188	0.000264
2062 Feb	71.1	0.0731	0.0243	0.00126	14.3	0.0371	13.3	0.00101	0.00101	0.00000505	0.00749	0.0013	0.0189	0.0216	0.0000051	20.2	0.0000188	0.000264
2062 Mar	71.3	0.0734	0.0244	0.00127	14.4	0.0372	13.3	0.00101	0.00101	0.00000506	0.00751	0.0013	0.019	0.0217	0.00000511	20.3	0.0000189	0.000265
2062 Apr	72.1	0.0742	0.0246	0.00128	14.5	0.0376	13.5	0.00102	0.00102	0.00000512	0.00759	0.00132	0.0192	0.0219	0.00000517	20.5	0.0000191	0.000268
2062 May	74.4	0.0765	0.0254	0.00132	15	0.0389	13.9	0.00105	0.00105	0.00000528	0.00784	0.00136	0.0198	0.0226	0.00000534	21.2	0.0000197	0.000277
2062 Jun	51.8	0.0385	0.0193	0.00121	10.6	0.0274	7.55	0.000973	0.000973	0.00000489	0.00703	0.000987	0.0142	0.0147	0.00000491	13.6	0.0000196	0.000215
2062 Jul	44.7	0.0212	0.0159	0.00123	8.96	0.0248	4.81	0.00103	0.00103	0.00000518	0.00727	0.000927	0.0124	0.0127	0.0000052	11.4	0.0000211	0.000205
2062 Aug	45.7	0.0229	0.0146	0.00118	8.76	0.0299	6.05	0.00103	0.00103	0.00000516	0.00692	0.000998	0.0136	0.0132	0.00000518	12	0.0000177	0.000194
2062 Sep	49.9	0.0401	0.0166	0.00119	10	0.0346	8.07	0.000991	0.000991	0.00000497	0.00676	0.00102	0.0154	0.0138	0.000005	13.1	0.0000154	0.000192
2062 Oct	55.6	0.0713	0.0193	0.00122	12.5	0.039	10.2	0.00094	0.00094	0.00000472	0.00687	0.00101	0.0166	0.0145	0.00000476	14.4	0.0000144	0.000187
2062 Nov	56.6	0.0743	0.0194	0.00123	12.7	0.0398	10.5	0.000949	0.000949	0.00000477	0.007	0.00102	0.0169	0.0148	0.00000481	14.6	0.0000146	0.000189
2062 Dec	56.7	0.0744	0.0195	0.00124	12.7	0.0398	10.5	0.00095	0.00095	0.00000478	0.00701	0.00102	0.017	0.0148	0.00000482	14.7	0.0000146	0.00019
2063 Jan	56.7	0.0744	0.0195	0.00124	12.7	0.0399	10.5	0.000951	0.000951	0.00000478	0.00701	0.00102	0.017	0.0148	0.00000482	14.7	0.0000146	0.00019
2063 Feb	56.7	0.0744	0.0195	0.00124	12.7	0.0399	10.5	0.000951	0.000951	0.00000478	0.00702	0.00102	0.017	0.0148	0.00000482	14.7	0.0000146	0.00019
2063 Mar	56.8	0.0745	0.0195	0.00124	12.7	0.0399	10.5	0.000952	0.000952	0.00000478	0.00702	0.00102	0.017	0.0148	0.00000482	14.7	0.0000146	0.00019
2063 Apr	57.1	0.0749	0.0196	0.00125	12.8	0.0401	10.6	0.000957	0.000957	0.00000481	0.00706	0.00103	0.0171	0.0149	0.00000485	14.8	0.0000147	0.000191
2063 May	63.7	0.0767	0.0213	0.00125	14.4	0.0384	10.7	0.000983	0.000983	0.00000494	0.00717	0.00117	0.0166	0.019	0.00000498	17.8	0.000016	0.000232
2063 Jun	55.5	0.0367	0.021	0.00116	13.1	0.0217	5.77	0.000913	0.000913	0.00000459	0.0061	0.00105	0.0106	0.0194	0.0000046	16.5	0.0000181	0.00025
2063 Jul	51.1	0.0279	0.0186	0.00122	11.1	0.0234	5.28	0.001	0.001	0.00000503	0.00689	0.00102	0.0117	0.0164	0.00000504	14.2	0.0000204	0.000234
2063 Aug	56.8	0.0305	0.0196	0.00134	12.1	0.0275	6.15	0.00113	0.00113	0.00000566	0.0077	0.00115	0.0135	0.0183	0.00000567	15.9	0.0000222	0.000258
2063 Sep	56.4	0.0341	0.0178	0.00127	11.3	0.0307	7.58	0.00109	0.00109	0.00000548	0.00751	0.00115	0.0151	0.0174	0.0000055	15.7	0.0000203	0.000245
2063 Oct	58.3	0.0478	0.0203	0.00125	11.5	0.0336	9.98	0.00101	0.00101	0.00000509	0.00724	0.00111	0.017	0.0164	0.00000513	15.5	0.0000185	0.000227
2063 Nov	58.7	0.05	0.0203	0.00125	11.6	0.0343	10.3	0.00101	0.00101	0.00000508	0.00728	0.00111	0.0173	0.0164	0.00000512	15.6	0.0000184	0.000226
2063 Dec	58.9	0.0501	0.0203	0.00125	11.6	0.0344	10.4	0.00101	0.00101	0.00000509	0.00729	0.00112	0.0173	0.0164	0.00000513	15.7	0.0000184	0.000226
2064 Jan	58.9	0.0501	0.0203	0.00125	11.6	0.0344	10.4	0.00101	0.00101	0.00000509	0.00729	0.00112	0.0174	0.0164	0.00000513	15.7	0.0000184	0.000226
2064 Feb	59	0.0501	0.0204	0.00125	11.6	0.0344	10.4	0.00101	0.00101	0.00000509	0.0073	0.00112	0.0174	0.0164	0.00000513	15.7	0.0000184	0.000227
2064 Mar	59.2	0.0503	0.0204	0.00125	11.6	0.0345	10.4	0.00102	0.00102	0.00000511	0.00732	0.00112	0.0174	0.0165	0.00000515	15.7	0.0000185	0.000227
2064 Apr	59.6	0.0506	0.0206	0.00126	11.7	0.0347	10.5	0.00102	0.00102	0.00000514	0.00737	0.00113	0.0176	0.0166	0.00000519	15.8	0.0000186	0.000229
2064 May	69.1	0.0569	0.0237	0.00127	14.3	0.0328	11.3	0.00102	0.00102	0.00000514	0.00723	0.00129	0.0171	0.022	0.00000518	20	0.0000193	0.000277
2064 Jun	71.3	0.0514	0.0251	0.00119	16.9	0.0227	7.84	0.000951	0.000951	0.00000477	0.00623	0.00134	0.0113	0.0275	0.00000479	23	0.000019	0.000321
2064 Jul	72.5	0.0487	0.0235	0.00123	16.4	0.0256	8.03	0.00105	0.00105	0.00000526	0.00697	0.00143	0.0124	0.0279	0.00000528	23.4	0.0000207	0.000329
2064 Aug	69.9	0.0446	0.0217	0.00124	15.1	0.0294	8.62	0.00108	0.00108	0.0000054	0.00701	0.00142	0.0136	0.0261	0.00000542	22.1	0.0000194	0.000306
2064 Sep	64.2	0.0499	0.0201	0.00119	13.4	0.035	10.4	0.001	0.001	0.00000502	0.00658	0.00127	0.0162	0.021	0.00000506	18.9	0.0000155	0.000253
2064 Oct	66.2	0.057	0.021	0.00122	13.6	0.0375	11.8	0.00101	0.00101	0.00000505	0.0068	0.00127	0.0178	0.0205	0.00000509	19	0.0000156	0.000248
2064 Nov	67	0.0576	0.0213	0.00123	13.7	0.038	12	0.00102	0.00102	0.0000051	0.00687	0.00128	0.018	0.0207	0.00000514	19.2	0.0000157	0.000251
2064 Dec	67.1	0.0577	0.0213	0.00123	13.7	0.038	12	0.00102	0.00102	0.0000051	0.00687	0.00128	0.0181	0.0207	0.00000515	19.2	0.0000158	0.000251
2065 Jan	67.1	0.0577	0.0213	0.00123	13.7	0.038	12	0.00102	0.00102	0.0000051	0.00688	0.00128	0.0181	0.0207	0.00000515	19.2	0.0000158	0.000251
2065 Feb	67.1	0.0578	0.0213	0.00123	13.7	0.038	12	0.00102	0.00102	0.00000511	0.00688	0.00128	0.0181	0.0207	0.00000515	19.2	0.0000158	0.000251
2065 Mar	67.4	0.058	0.0214	0.00124	13.8	0.0382	12.1	0.00102	0.00102	0.00000513	0.00691	0.00129	0.0182	0.0208	0.00000517	19.3	0.0000158	0.000252
2065 Apr	68.2	0.0587	0.0217	0.00125	14	0.0386	12.2	0.00103	0.00103	0.00000519	0.00699	0.00131	0.0184	0.021	0.00000523	19.5	0.000016	0.000255
2065 May	79.2	0.0658	0.0246	0.00124	15.7	0.0375	15	0.00103	0.00103	0.00000516	0.00708	0.00145	0.0201	0.0256	0.00000521	23.5	0.0000179	0.0003
2065 Jun	65.4	0.0458	0.0237	0.0012	15.2	0.0237	7.76	0.000945	0.000945	0.00000474	0.00625	0.00122	0.0121	0.0237	0.00000477	20.1	0.0000186	0.000287
2065 Jul	71	0.0463	0.0255	0.00141	16.2	0.0279	8.17	0.00113	0.00113	0.00000568	0.00754	0.00135	0.014	0.0249	0.0000057	21.3	0.0000223	0.000314
2065 Aug	76.9	0.0496	0.0261	0.00151	17.1	0.0324	9.29	0.00125	0.00125	0.00000626	0.00829	0.00149	0.016	0.0267	0.00000628	23	0.0000238	0.000338
2065 Sep	66.5	0.056	0.0196	0.00124	13.7	0.0344	10.4	0.00106	0.00106	0.00000534	0.00753	0.00128	0.0168	0.0212	0.00000538	19.3	0.0000194	0.000271
2065 Oct	61.4	0.0827	0.0175	0.00114	13	0.0396	11.5	0.00094	0.00094	0.00000472	0.00742	0.00112	0.0175	0.0172	0.00000476	16.8	0.0000163	0.000216
2065 Nov	61.7	0.0868	0.0175	0.00116	13.2	0.0407	11.6	0.000946	0.000946	0.00000475	0.00751	0.00111	0.0177	0.0171	0.00000479	16.7	0.0000161	0.000213
2065 Dec	61.8	0.0868	0.0175	0.00116	13.2	0.0407	11.6	0.000946	0.000946	0.00000475	0.00752	0.00112	0.0177	0.0171	0.00000479	16.8	0.0000162	0.000213
2066 Jan	61.8	0.0869	0.0176	0.00116	13.2	0.0408	11.7	0.000947	0.000947	0.00000475	0.00752	0.00112	0.0177	0.0171	0.0000048	16.8	0.0000162	0.000213
2066 Feb	61.9	0.087	0.0176	0.00116	13.3	0.0408	11.7	0.000948	0.000948	0.00000476	0.00753	0.00112	0.0177	0.0171	0.0000048	16.8	0.0000162	0.000214
2066 Mar	62.3	0.0875	0.0177	0.00117	13.3	0.0411	11.8	0.000953	0.000953	0.00000479	0.00757	0.00112	0.0178	0.0172	0.00000483	16.9	0.0000163	0.000215
2066 Apr	62.8	0.0882	0.0178	0.00118	13.4	0.0414	11.8	0.000961	0.000961	0.00000483	0.00763	0.00113	0.018	0.0174	0.00000487	17	0.0000164	0.000217
2066 May	65.4	0.0907	0.0184	0.0012	14	0.0422	12.1	0.000991	0.000991	0.00000497	0.00785	0.00119	0.0183	0.0185	0.00000502	18	0.000017	0.000229
2066 Jun	51.3	0.0351	0.0181	0.00116	11.4	0.0239	5.65	0.00095	0.00095	0.00000477	0.00663	0.000995	0.0116	0.0165	0.00000479	14.4	0.0000191	0.000229
2066 Jul	53.8	0.029	0.017	0.00131	11	0.0274	5.69	0.00114	0.00114	0.0000057	0.00799	0.00111	0.0135	0.0168	0.00000571	14.8	0.0000231	0.000249
2066 Aug	58.8	0.0309	0.0175	0.00141	11.7	0.0317	6.72	0.00125	0.00125	0.00000626	0.0087	0.00124	0.0153	0.0183	0.00000628	16.2	0.0000246	0.000267
2066 Sep	58.8	0.0384	0.0165	0.00133	11.3	0.0341	8.35	0.00118	0.00118	0.00000592	0.00836	0.00121	0.0166	0.0174	0.00000595	16	0.0000225	0.00025
2066 Oct	58.7	0.0546	0.0158	0.00121	11	0.0368	10.6	0.00105	0.00105	0.00000528	0.00783	0.00114	0.0179	0.0161	0.00000532	15.5	0.0000194	0.000221
2066 Nov	59.4	0.059	0.016	0.0012	11.2	0.0377	11.2	0.00104	0.00104	0.0000052	0.0078	0.00113	0.0183	0.016	0.00000524	15.6	0.000019	0.000218
2066 Dec	59.5	0.0591	0.016	0.0012	11.2	0.0378	11.3	0.00104	0.00104	0.00000521	0.00782	0.00113	0.0184	0.016	0.00000525	15.7	0.0000191	0.000219
2067 Jan	59.5	0.0591	0.016	0.0012	11.2	0.0378	11.3	0.00104	0.00104	0.00000521	0.00782	0.00113	0.0184	0.016	0.00000525	15.7	0.0000191	0.000219
2067 Feb	59.6	0.0592	0.0161	0.0012	11.2	0.0379	11.3	0.00104	0.00104	0.00000522	0.00783	0.00114	0.0184	0.0161	0.00000526	15.7	0.0000191	0.000219

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 Mar	59.8	0.0594	0.0161	0.00121	11.2	0.038	11.3	0.00104	0.00104	0.00000523	0.00785	0.00114	0.0185	0.0161	0.00000528	15.7	0.0000192	0.000219
2067 Apr	60.2	0.0597	0.0162	0.00122	11.3	0.0382	11.4	0.00105	0.00105	0.00000526	0.0079	0.00115	0.0186	0.0162	0.00000531	15.8	0.0000193	0.000221
2067 May	68.7	0.0662	0.0185	0.00121	13.6	0.0367	11.8	0.00106	0.00106	0.0000053	0.00787	0.00131	0.018	0.0214	0.00000534	19.7	0.00002	0.000268
2067 Jun	71.5	0.0547	0.0233	0.00114	16.3	0.0239	7.99	0.000962	0.000962	0.00000482	0.00663	0.00138	0.0117	0.0277	0.00000484	23.3	0.0000197	0.000326
2067 Jul	78.8	0.0568	0.0244	0.0013	17.5	0.0281	8.82	0.00113	0.00113	0.00000568	0.00779	0.00155	0.0137	0.0302	0.0000057	25.4	0.000023	0.00036
2067 Aug	75.2	0.0492	0.0216	0.00129	15.8	0.0319	9.62	0.00116	0.00116	0.0000058	0.00774	0.00153	0.015	0.0279	0.00000583	23.7	0.0000216	0.000329
2067 Sep	71.5	0.0499	0.0197	0.00125	14.6	0.0348	10.5	0.00112	0.00112	0.00000561	0.00746	0.00145	0.0163	0.0249	0.00000564	21.9	0.0000193	0.000296
2067 Oct	65	0.0632	0.0174	0.00115	13.2	0.0376	11.4	0.001	0.001	0.00000503	0.00716	0.00126	0.0171	0.0203	0.00000508	18.8	0.0000167	0.000244
2067 Nov	64.7	0.0685	0.0171	0.00115	13.2	0.0388	11.7	0.000994	0.000994	0.00000499	0.00725	0.00124	0.0175	0.0196	0.00000503	18.4	0.0000165	0.000236
2067 Dec	64.8	0.0687	0.0172	0.00115	13.2	0.0389	11.7	0.000996	0.000996	0.000005	0.00727	0.00124	0.0176	0.0197	0.00000504	18.5	0.0000165	0.000237
2068 Jan	64.9	0.0688	0.0172	0.00115	13.2	0.039	11.8	0.000997	0.000997	0.000005	0.00727	0.00124	0.0176	0.0197	0.00000504	18.5	0.0000165	0.000237
2068 Feb	64.9	0.0688	0.0172	0.00115	13.2	0.039	11.8	0.000997	0.000997	0.00000501	0.00728	0.00124	0.0176	0.0197	0.00000505	18.5	0.0000165	0.000237
2068 Mar	65.3	0.0692	0.0173	0.00116	13.3	0.0392	11.8	0.001	0.001	0.00000503	0.00732	0.00125	0.0177	0.0198	0.00000508	18.6	0.0000166	0.000239
2068 Apr	66.7	0.0707	0.0177	0.00119	13.6	0.0401	12.1	0.00102	0.00102	0.00000514	0.00748	0.00127	0.0181	0.0203	0.00000518	19	0.000017	0.000244
2068 May	73	0.0729	0.02	0.0012	15.4	0.0376	11.9	0.00104	0.00104	0.0000052	0.00747	0.00139	0.0172	0.0243	0.00000524	21.9	0.0000181	0.000284
2068 Jun	61.3	0.0415	0.021	0.00112	14.1	0.022	6.67	0.000923	0.000923	0.00000463	0.00622	0.00117	0.011	0.0226	0.00000465	19.1	0.0000187	0.000278
2068 Jul	61	0.035	0.0186	0.00118	12.6	0.0254	7.23	0.00104	0.00104	0.00000522	0.00718	0.00123	0.013	0.0214	0.00000524	18.4	0.0000213	0.000277
2068 Aug	69.3	0.0392	0.0204	0.00135	14.1	0.0306	8.57	0.0012	0.0012	0.00000601	0.00819	0.00141	0.0154	0.0241	0.00000603	20.8	0.0000236	0.00031
2068 Sep	65	0.0452	0.0174	0.00124	12.8	0.0337	9.58	0.00112	0.00112	0.0000056	0.00778	0.00131	0.0163	0.0212	0.00000563	19	0.0000207	0.000272
2068 Oct	64.5	0.0519	0.0169	0.00122	12.6	0.0356	10.4	0.00109	0.00109	0.00000546	0.00773	0.00128	0.0171	0.0202	0.00000549	18.4	0.0000197	0.000258
2068 Nov	65.1	0.0528	0.0172	0.00123	12.8	0.0361	10.6	0.0011	0.0011	0.0000055	0.0078	0.00129	0.0173	0.0203	0.00000554	18.6	0.0000198	0.00026
2068 Dec	65.3	0.0529	0.0172	0.00124	12.8	0.0362	10.6	0.0011	0.0011	0.00000551	0.00782	0.00129	0.0173	0.0204	0.00000555	18.6	0.0000199	0.00026
2069 Jan	65.3	0.0529	0.0172	0.00124	12.8	0.0362	10.6	0.0011	0.0011	0.00000551	0.00782	0.00129	0.0173	0.0204	0.00000555	18.6	0.0000199	0.00026
2069 Feb	65.3	0.053	0.0172	0.00124	12.8	0.0362	10.6	0.0011	0.0011	0.00000552	0.00782	0.00129	0.0174	0.0204	0.00000555	18.6	0.0000199	0.00026
2069 Mar	65.4	0.053	0.0172	0.00124	12.8	0.0362	10.6	0.0011	0.0011	0.00000552	0.00783	0.00129	0.0174	0.0204	0.00000556	18.6	0.0000199	0.000261
2069 Apr	65.7	0.0533	0.0173	0.00124	12.9	0.0364	10.7	0.00111	0.00111	0.00000555	0.00787	0.0013	0.0175	0.0205	0.00000558	18.7	0.00002	0.000262
2069 May	69.4	0.0566	0.0181	0.0013	13.6	0.0381	11.3	0.00116	0.00116	0.0000058	0.00824	0.00137	0.0183	0.0218	0.00000584	19.9	0.000021	0.000277
2069 Jun	51.2	0.0317	0.0164	0.00113	10.5	0.0243	6.04	0.000971	0.000971	0.00000487	0.00693	0.00103	0.0124	0.0164	0.00000489	14.4	0.0000201	0.000233
2069 Jul	51.8	0.0264	0.0159	0.00125	10.2	0.0263	5.66	0.0011	0.0011	0.00000551	0.00782	0.00108	0.0133	0.016	0.00000552	14.1	0.0000229	0.000241
2069 Aug	53.9	0.0269	0.015	0.00127	10.2	0.0299	6.61	0.00115	0.00115	0.00000575	0.00802	0.00114	0.0147	0.0164	0.00000577	14.7	0.0000224	0.000243
2069 Sep	53	0.0433	0.014	0.00117	10.4	0.0333	7.85	0.00104	0.00104	0.00000519	0.00742	0.00108	0.0152	0.0154	0.00000522	14.4	0.0000185	0.000217
2069 Oct	53.9	0.0733	0.0138	0.00112	12	0.038	8.5	0.000956	0.000956	0.0000048	0.0073	0.00104	0.0149	0.0154	0.00000482	14.7	0.0000156	0.000198
2069 Nov	54.6	0.0786	0.0136	0.00113	12.4	0.0391	8.56	0.000962	0.000962	0.00000483	0.00743	0.00105	0.015	0.0156	0.00000485	15	0.0000155	0.000198
2069 Dec	54.7	0.0787	0.0136	0.00113	12.4	0.0392	8.58	0.000963	0.000963	0.00000483	0.00743	0.00105	0.015	0.0156	0.00000486	15	0.0000155	0.000199
2070 Jan	54.7	0.0787	0.0136	0.00113	12.4	0.0392	8.58	0.000963	0.000963	0.00000483	0.00743	0.00105	0.015	0.0156	0.00000486	15	0.0000155	0.000199
2070 Feb	54.7	0.0787	0.0136	0.00113	12.4	0.0392	8.59	0.000963	0.000963	0.00000483	0.00743	0.00105	0.015	0.0156	0.00000486	15	0.0000155	0.000199
2070 Mar	54.8	0.0789	0.0137	0.00113	12.4	0.0393	8.6	0.000965	0.000965	0.00000484	0.00745	0.00105	0.015	0.0157	0.00000487	15	0.0000156	0.000199
2070 Apr	55.4	0.0798	0.0138	0.00114	12.6	0.0397	8.7	0.000976	0.000976	0.0000049	0.00754	0.00106	0.0152	0.0159	0.00000493	15.2	0.0000158	0.000201
2070 May	62.9	0.0805	0.0165	0.00117	14.5	0.0376	8.85	0.00101	0.00101	0.00000504	0.00756	0.00121	0.0146	0.0204	0.00000507	18.6	0.000017	0.000246
2070 Jun	72.2	0.0584	0.0227	0.00114	17.2	0.0242	7.23	0.000972	0.000972	0.00000488	0.00657	0.0014	0.0108	0.0288	0.00000489	24	0.0000191	0.000332
2070 Jul	76.6	0.0582	0.0224	0.00124	17.6	0.027	7.68	0.0011	0.0011	0.0000055	0.00749	0.00153	0.0121	0.0304	0.00000551	25.3	0.0000218	0.000356
2070 Aug	79.2	0.0576	0.0219	0.0013	17.7	0.0307	8.43	0.00118	0.00118	0.00000591	0.00796	0.00161	0.0135	0.031	0.00000593	26	0.0000224	0.000362
2070 Sep	66.8	0.0636	0.0172	0.00115	14.5	0.034	8.98	0.00104	0.00104	0.00000519	0.00737	0.00134	0.0144	0.0236	0.00000522	20.7	0.0000183	0.00028
2070 Oct	60.8	0.0782	0.0151	0.0011	13.6	0.0373	8.96	0.000969	0.000969	0.00000486	0.00739	0.00119	0.0145	0.0197	0.00000488	18	0.0000163	0.000236
2070 Nov	60.8	0.0802	0.0151	0.0011	13.6	0.0379	9.01	0.00097	0.00097	0.00000486	0.00745	0.00119	0.0146	0.0195	0.00000489	17.9	0.0000163	0.000234
2070 Dec	60.8	0.0803	0.0151	0.0011	13.6	0.0379	9.02	0.00097	0.00097	0.00000487	0.00745	0.00119	0.0147	0.0195	0.00000489	17.9	0.0000163	0.000234
2071 Jan	60.8	0.0803	0.0151	0.0011	13.6	0.0379	9.03	0.00097	0.00097	0.00000487	0.00745	0.00119	0.0147	0.0196	0.00000489	17.9	0.0000163	0.000234
2071 Feb	60.8	0.0803	0.0151	0.0011	13.6	0.0379	9.03	0.000971	0.000971	0.00000487	0.00745	0.00119	0.0147	0.0196	0.00000489	17.9	0.0000163	0.000234
2071 Mar	60.8	0.0803	0.0151	0.0011	13.6	0.0379	9.03	0.000971	0.000971	0.00000487	0.00745	0.00119	0.0147	0.0196	0.00000489	17.9	0.0000163	0.000234
2071 Apr	61.1	0.0807	0.0152	0.00111	13.7	0.0381	9.08	0.000976	0.000976	0.00000489	0.00749	0.0012	0.0147	0.0197	0.00000492	18	0.0000164	0.000235
2071 May	67.5	0.0796	0.0174	0.00111	15.4	0.0351	9.06	0.000986	0.000986	0.00000494	0.00735	0.00132	0.0139	0.0239	0.00000496	21.1	0.0000173	0.000277
2071 Jun	65.1	0.0484	0.0215	0.00113	15.5	0.0227	6.43	0.000945	0.000945	0.00000474	0.00635	0.00126	0.0104	0.0251	0.00000475	21	0.0000187	0.0003
2071 Jul	64.1	0.0428	0.0203	0.00122	14.6	0.0248	6.22	0.00105	0.00105	0.00000528	0.00718	0.00128	0.0116	0.0238	0.00000529	20	0.0000212	0.000299
2071 Aug	68.5	0.0453	0.0205	0.00131	15.3	0.0285	6.83	0.00115	0.00115	0.00000578	0.00782	0.00139	0.013	0.0253	0.00000579	21.4	0.0000224	0.000319
2071 Sep	60	0.0476	0.0156	0.00115	12.9	0.0316	7.15	0.00104	0.00104	0.00000522	0.00718	0.00123	0.0137	0.0207	0.00000524	18.2	0.0000181	0.000266
2071 Oct	58	0.058	0.0149	0.00111	12.6	0.0338	7.7	0.000994	0.000994	0.00000498	0.00713	0.00117	0.0141	0.0191	0.000005	17.2	0.0000167	0.000243
2071 Nov	58.6	0.0653	0.0155	0.00113	12.9	0.0356	8.25	0.000988	0.000988	0.00000495	0.00726	0.00116	0.0146	0.0187	0.00000498	17.1	0.0000165	0.000237
2071 Dec	58.7	0.0657	0.0155	0.00113	12.9	0.0357	8.28	0.000989	0.000989	0.00000496	0.00727	0.00116	0.0146	0.0187	0.00000498	17.1	0.0000165	0.000237
2072 Jan	58.7	0.0657	0.0155	0.00113	12.9	0.0358	8.29	0.000989	0.000989	0.00000496	0.00727	0.00116	0.0146	0.0187	0.00000498	17.1	0.0000165	0.000237
2072 Feb	58.8	0.0657	0.0155	0.00113	12.9	0.0358	8.29	0.000989	0.000989	0.00000496	0.00727	0.00116	0.0146	0.0187	0.00000498	17.1	0.0000165	0.000237
2072 Mar	58.8	0.0657	0.0155	0.00113	12.9	0.0358	8.29	0.00099	0.00099	0.00000496	0.00727	0.00116	0.0146	0.0187	0.00000499	17.1	0.0000165	0.000237
2072 Apr	59.3	0.0663	0.0157	0.00114	13	0.0361	8.36	0.000998	0.000998	0.00000501	0.00734	0.00117	0.0148	0.0188	0.00000503	17.3	0.0000167	0.000239
2072 May	62	0.0694	0.0164	0.00119	13.6	0.0378	8.75	0.00104	0.00104	0.00000524	0.00768	0.00123	0.0155	0.0197	0.00000526	18.1	0.0000174	0.000251
2072 Jun	47.4	0.0362	0.0142	0.00113	9.93	0.027	5.26	0.000986	0.000986	0.00000494	0.00716	0.000971	0.0123	0.0143	0.00000496	12.9	0.0000194	0.000213
2072 Jul	45.5	0.0256	0.013	0.00116	8.98	0.0273	4.74	0.00104	0.00104	0.00000523	0.00737	0.000998	0.0122	0.0138	0.00000525	12.3	0.0000201	0.000208
2072 Aug	47.3	0.0316	0.0125	0.00115	9.98	0.0339	5.78	0.00103	0.00103	0.00000516	0.00668	0.00104	0.0135	0.0143	0.00000518	13.1	0.0000147	0.000199
2072 Sep	48.7	0.0437	0.0123	0.00112	11.1	0.0379	6.31	0.000997	0.000997	0.000005	0.00633	0.00104	0.0141	0.0146	0.00000501	13.8	0.0000115	0.000196

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2072 Oct	51	0.0651	0.0136	0.00113	12.4	0.0388	6.93	0.000955	0.000955	0.00000479	0.00659	0.00101	0.0138	0.015	0.00000481	14.2	0.0000121	0.000191
2072 Nov	51.6	0.0687	0.0137	0.00114	12.6	0.0392	7.09	0.000957	0.000957	0.0000048	0.0067	0.00101	0.0139	0.0152	0.00000482	14.4	0.0000123	0.000192
2072 Dec	51.7	0.0687	0.0137	0.00114	12.6	0.0392	7.11	0.000957	0.000957	0.0000048	0.0067	0.00102	0.0139	0.0152	0.00000482	14.4	0.0000124	0.000192
2073 Jan	51.7	0.0687	0.0137	0.00114	12.6	0.0392	7.11	0.000957	0.000957	0.0000048	0.0067	0.00102	0.0139	0.0152	0.00000482	14.4	0.0000124	0.000192
2073 Feb	51.7	0.0687	0.0138	0.00114	12.6	0.0392	7.11	0.000958	0.000958	0.0000048	0.0067	0.00102	0.0139	0.0152	0.00000482	14.4	0.0000124	0.000192
2073 Mar	51.8	0.0688	0.0138	0.00114	12.6	0.0393	7.12	0.000959	0.000959	0.00000481	0.00671	0.00102	0.0139	0.0152	0.00000483	14.4	0.0000124	0.000192
2073 Apr	52.8	0.0702	0.014	0.00116	12.9	0.0401	7.26	0.000978	0.000978	0.00000491	0.00684	0.00104	0.0142	0.0155	0.00000493	14.7	0.0000126	0.000196
2073 May	65.8	0.0717	0.0181	0.00116	15.5	0.0359	8.79	0.000992	0.000992	0.00000497	0.00689	0.00126	0.0142	0.0226	0.000005	20.1	0.0000154	0.000266
2073 Jun	70	0.053	0.0231	0.00116	16.7	0.0237	7.42	0.000954	0.000954	0.00000479	0.00631	0.00133	0.0111	0.0271	0.0000048	22.7	0.0000186	0.000316
2073 Jul	69.5	0.049	0.0227	0.00125	16.3	0.0263	7.27	0.00105	0.00105	0.00000525	0.00686	0.00136	0.0119	0.0263	0.00000526	22	0.0000197	0.000312
2073 Aug	71.6	0.0485	0.0214	0.00129	16.3	0.0298	7.62	0.00113	0.00113	0.00000565	0.00734	0.00146	0.0128	0.0273	0.00000567	22.9	0.0000203	0.000321
2073 Sep	65	0.0509	0.0173	0.00117	14.3	0.0322	7.91	0.00105	0.00105	0.00000527	0.00702	0.00134	0.0134	0.0236	0.00000529	20.3	0.0000176	0.00028
2073 Oct	60.4	0.066	0.0154	0.0011	13.3	0.0356	8.68	0.000973	0.000973	0.00000488	0.00703	0.0012	0.0143	0.02	0.00000491	18	0.0000158	0.000239
2073 Nov	60	0.07	0.0151	0.00109	13.3	0.0365	8.85	0.000965	0.000965	0.00000484	0.0071	0.00119	0.0145	0.0195	0.00000487	17.7	0.0000157	0.000233
2073 Dec	60.2	0.0701	0.0152	0.0011	13.3	0.0366	8.89	0.000967	0.000967	0.00000485	0.00711	0.00119	0.0145	0.0195	0.00000488	17.7	0.0000157	0.000234
2074 Jan	60.2	0.0701	0.0152	0.0011	13.3	0.0366	8.9	0.000967	0.000967	0.00000485	0.00711	0.00119	0.0145	0.0195	0.00000488	17.7	0.0000157	0.000234
2074 Feb	60.2	0.0702	0.0152	0.0011	13.3	0.0366	8.9	0.000967	0.000967	0.00000485	0.00711	0.00119	0.0145	0.0195	0.00000488	17.7	0.0000157	0.000234
2074 Mar	60.3	0.0703	0.0152	0.0011	13.3	0.0367	8.92	0.000969	0.000969	0.00000486	0.00712	0.00119	0.0146	0.0195	0.00000489	17.8	0.0000157	0.000234
2074 Apr	61.3	0.0714	0.0154	0.00112	13.5	0.0373	9.06	0.000985	0.000985	0.00000494	0.00724	0.00121	0.0148	0.0198	0.00000497	18.1	0.000016	0.000238
2074 May	72.7	0.0718	0.0198	0.00114	16.4	0.0331	9.79	0.001	0.001	0.00000502	0.00711	0.0014	0.0142	0.0264	0.00000505	23	0.0000179	0.000303
2074 Jun	70.6	0.052	0.0237	0.00115	17	0.0226	7.25	0.000944	0.000944	0.00000474	0.00617	0.00134	0.0106	0.0278	0.00000475	23	0.0000185	0.000321
2074 Jul	76.6	0.0539	0.0245	0.00129	18	0.026	7.72	0.00109	0.00109	0.00000548	0.00722	0.00149	0.0121	0.03	0.0000055	24.9	0.0000215	0.000352
2074 Aug	86.8	0.0608	0.0271	0.00147	20.3	0.0306	8.87	0.00125	0.00125	0.00000629	0.00825	0.0017	0.014	0.0338	0.00000631	28.2	0.0000242	0.000398
2074 Sep	72.7	0.061	0.0188	0.0012	15.8	0.0327	9.42	0.00108	0.00108	0.00000541	0.0075	0.00143	0.0149	0.0262	0.00000544	22.8	0.0000197	0.000314
2074 Oct	67.7	0.0714	0.0166	0.00113	14.4	0.036	10.4	0.00101	0.00101	0.00000505	0.00744	0.00129	0.016	0.0223	0.00000508	20.2	0.0000179	0.00027
2074 Nov	68.3	0.073	0.0168	0.00113	14.5	0.0366	10.8	0.00101	0.00101	0.00000504	0.00748	0.00129	0.0165	0.0221	0.00000508	20.2	0.0000179	0.000268
2074 Dec	68.5	0.0731	0.0168	0.00114	14.5	0.0367	10.9	0.00101	0.00101	0.00000505	0.00749	0.00129	0.0165	0.0221	0.00000508	20.2	0.000018	0.000268
2075 Jan	68.5	0.0731	0.0169	0.00114	14.5	0.0367	10.9	0.00101	0.00101	0.00000505	0.00749	0.00129	0.0166	0.0221	0.00000509	20.2	0.000018	0.000268
2075 Feb	68.5	0.0731	0.0169	0.00114	14.5	0.0368	10.9	0.00101	0.00101	0.00000505	0.0075	0.00129	0.0166	0.0221	0.00000509	20.2	0.000018	0.000268
2075 Mar	68.7	0.0734	0.0169	0.00114	14.5	0.0369	11	0.00101	0.00101	0.00000507	0.00752	0.0013	0.0166	0.0222	0.0000051	20.3	0.000018	0.000269
2075 Apr	69.7	0.0744	0.0171	0.00116	14.7	0.0374	11.1	0.00102	0.00102	0.00000514	0.00763	0.00132	0.0169	0.0225	0.00000518	20.6	0.0000183	0.000273
2075 May	76.1	0.0783	0.0171	0.00116	15.2	0.0394	13.8	0.00104	0.00104	0.00000523	0.00786	0.00139	0.0194	0.0239	0.00000528	22.2	0.0000193	0.000287
2075 Jun	49.8	0.033	0.0153	0.00112	10	0.0256	6.68	0.000953	0.000953	0.00000478	0.00687	0.000965	0.0132	0.0146	0.00000481	13.3	0.0000195	0.000215
2075 Jul	45	0.0209	0.0136	0.00118	8.84	0.0246	4.45	0.00104	0.00104	0.00000522	0.00738	0.000954	0.0121	0.0133	0.00000523	11.8	0.0000214	0.000212
2075 Aug	46.5	0.0212	0.0126	0.0012	8.94	0.0279	4.85	0.00109	0.00109	0.00000547	0.00758	0.00103	0.0128	0.014	0.00000549	12.5	0.0000209	0.000215
2075 Sep	48.1	0.0258	0.0122	0.0012	9.23	0.0302	5.46	0.0011	0.0011	0.00000552	0.00766	0.00106	0.0135	0.0144	0.00000554	13	0.0000203	0.000216
2075 Oct	49.6	0.0369	0.0127	0.00116	9.74	0.0323	6.58	0.00105	0.00105	0.00000526	0.00746	0.00105	0.0142	0.0144	0.00000528	13.3	0.0000187	0.000208
2075 Nov	50.2	0.0392	0.0126	0.00116	9.88	0.033	6.83	0.00105	0.00105	0.00000527	0.00751	0.00106	0.0144	0.0145	0.00000529	13.5	0.0000186	0.000209
2075 Dec	50.3	0.0393	0.0126	0.00116	9.89	0.0331	6.85	0.00105	0.00105	0.00000528	0.00752	0.00106	0.0145	0.0146	0.0000053	13.5	0.0000187	0.000209
2076 Jan	50.3	0.0393	0.0127	0.00117	9.89	0.0331	6.86	0.00105	0.00105	0.00000528	0.00752	0.00106	0.0145	0.0146	0.0000053	13.5	0.0000187	0.000209
2076 Feb	50.4	0.0393	0.0127	0.00117	9.9	0.0331	6.87	0.00105	0.00105	0.00000529	0.00753	0.00106	0.0145	0.0146	0.00000531	13.5	0.0000187	0.00021
2076 Mar	50.5	0.0394	0.0127	0.00117	9.93	0.0332	6.89	0.00106	0.00106	0.0000053	0.00755	0.00106	0.0145	0.0146	0.00000532	13.6	0.0000187	0.00021
2076 Apr	51	0.0398	0.0128	0.00118	10	0.0335	6.94	0.00107	0.00107	0.00000534	0.00761	0.00107	0.0146	0.0148	0.00000537	13.7	0.0000189	0.000212
2076 May	60.2	0.0481	0.0155	0.00118	12.5	0.0321	7.57	0.00107	0.00107	0.00000536	0.00758	0.00124	0.0141	0.0202	0.00000538	17.9	0.0000196	0.000261
2076 Jun	64.7	0.0466	0.0214	0.00112	15.4	0.0221	6.24	0.000937	0.000937	0.0000047	0.00623	0.00126	0.0102	0.0252	0.00000471	20.9	0.0000185	0.000299
2076 Jul	65	0.0431	0.0211	0.00124	15.1	0.0248	6.16	0.00105	0.00105	0.00000526	0.007	0.00129	0.0113	0.0244	0.00000527	20.4	0.0000205	0.000301
2076 Aug	70.1	0.0459	0.0212	0.00133	16	0.0287	6.73	0.00116	0.00116	0.00000583	0.00772	0.00142	0.0127	0.0264	0.00000584	22.1	0.000022	0.000325
2076 Sep	69	0.048	0.0191	0.00129	15.4	0.0306	7.11	0.00116	0.00116	0.0000058	0.0078	0.00142	0.0133	0.0256	0.00000582	21.7	0.0000214	0.000316
2076 Oct	62.3	0.0571	0.0154	0.00114	13.4	0.0327	7.86	0.00104	0.00104	0.00000519	0.00739	0.00126	0.0138	0.0215	0.00000521	18.9	0.0000186	0.000266
2076 Nov	61.6	0.0601	0.0149	0.00112	13.3	0.0335	8.09	0.00102	0.00102	0.00000512	0.00739	0.00124	0.014	0.0209	0.00000514	18.6	0.0000182	0.000259
2076 Dec	61.7	0.0602	0.015	0.00112	13.3	0.0335	8.12	0.00102	0.00102	0.00000513	0.0074	0.00124	0.0141	0.0209	0.00000515	18.6	0.0000182	0.000259
2077 Jan	61.8	0.0602	0.015	0.00112	13.3	0.0335	8.12	0.00102	0.00102	0.00000513	0.0074	0.00124	0.0141	0.0209	0.00000515	18.6	0.0000182	0.000259
2077 Feb	61.8	0.0603	0.015	0.00112	13.3	0.0336	8.13	0.00102	0.00102	0.00000513	0.00741	0.00124	0.0141	0.0209	0.00000515	18.6	0.0000182	0.000259
2077 Mar	61.9	0.0603	0.015	0.00113	13.3	0.0336	8.13	0.00102	0.00102	0.00000514	0.00742	0.00124	0.0141	0.021	0.00000516	18.6	0.0000182	0.00026
2077 Apr	62.5	0.0609	0.0151	0.00114	13.4	0.0339	8.22	0.00104	0.00104	0.00000519	0.00749	0.00125	0.0143	0.0212	0.00000521	18.8	0.0000184	0.000262
2077 May	68.5	0.0644	0.0174	0.00115	15	0.0328	8.64	0.00104	0.00104	0.00000523	0.00749	0.00136	0.014	0.0246	0.00000525	21.4	0.0000191	0.000294
2077 Jun	68.5	0.05	0.0207	0.0011	15.7	0.0228	6.92	0.000962	0.000962	0.00000482	0.00659	0.00135	0.0108	0.0271	0.00000484	22.6	0.0000197	0.000321
2077 Jul	72.3	0.0487	0.0206	0.00122	15.8	0.0256	7.19	0.00111	0.00111	0.00000555	0.00773	0.00146	0.0124	0.028	0.00000556	23.5	0.0000232	0.000345
2077 Aug	78.3	0.0524	0.0214	0.00134	17	0.0298	7.96	0.00123	0.00123	0.00000616	0.00851	0.0016	0.0141	0.0301	0.00000618	25.3	0.0000248	0.00037
2077 Sep	60.8	0.0553	0.0144	0.0011	13.1	0.0329	7.55	0.00102	0.00102	0.00000513	0.00725	0.00124	0.0139	0.0209	0.00000515	18.6	0.0000177	0.000264
2077 Oct	59.2	0.0662	0.0135	0.00109	12.9	0.0358	7.9	0.001	0.001	0.00000501	0.00736	0.00119	0.0143	0.0194	0.00000503	17.6	0.0000167	0.000245
2077 Nov	59.7	0.067	0.0136	0.0011	13	0.0361	8.01	0.00101	0.00101	0.00000505	0.00742	0.0012	0.0144	0.0196	0.00000507	17.8	0.0000168	0.000246
2077 Dec	59.8	0.0671	0.0136	0.0011	13.1	0.0362	8.03	0.00101	0.00101	0.00000505	0.00743	0.0012	0.0145	0.0196	0.00000508	17.8	0.0000168	0.000246
2078 Jan	59.8	0.0671	0.0136	0.0011	13.1	0.0362	8.04	0.00101	0.00101	0.00000506	0.00744	0.0012	0.0145	0.0196	0.00000508	17.8	0.0000168	0.000247
2078 Feb	59.8	0.0671	0.0136	0.0011	13.1	0.0362	8.04	0.00101	0.00101	0.00000506	0.00744	0.0012	0.0145	0.0196	0.00000508	17.8	0.0000168	0.000247
2078 Mar	59.9	0.0672	0.0136	0.0011	13.1	0.0362	8.05	0.00101	0.00101	0.00000506	0.00744	0.0012	0.0145	0.0196	0.00000508	17.8	0.0000168	0.000247
2078 Apr	61	0.0685	0.0139	0.00112	13.3	0.0369	8.2	0.00103	0.00103	0.00000516	0.00758	0.00122	0.0148	0.02	0.00000518	18.2	0.0000172	0.000251

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 May	73.2	0.0684	0.0196	0.00113	16.8	0.0306	8.64	0.00101	0.00101	0.00000505	0.00707	0.00143	0.013	0.0278	0.00000507	23.8	0.0000185	0.000322
2078 Jun	72.5	0.0548	0.024	0.00115	17.7	0.0224	7.05	0.000947	0.000947	0.00000475	0.00615	0.00138	0.0101	0.0292	0.00000476	24.1	0.0000184	0.000333
2078 Jul	79.1	0.0576	0.0248	0.00126	18.9	0.026	7.65	0.00108	0.00108	0.00000543	0.00705	0.00155	0.0114	0.032	0.00000544	26.4	0.0000208	0.000365
2078 Aug	76	0.0523	0.0213	0.00123	17.4	0.0291	7.72	0.00111	0.00111	0.00000557	0.00714	0.00156	0.012	0.0307	0.00000558	25.4	0.0000197	0.000346
2078 Sep	72.8	0.0521	0.0189	0.00119	16.3	0.0321	8.19	0.0011	0.0011	0.00000551	0.00706	0.00151	0.0131	0.0283	0.00000552	23.9	0.0000181	0.000322
2078 Oct	69.5	0.0566	0.0169	0.00113	15.1	0.0339	9.15	0.00105	0.00105	0.00000524	0.00696	0.00141	0.0143	0.0254	0.00000526	22	0.000017	0.000292
2078 Nov	69.3	0.0581	0.0166	0.00113	14.9	0.0346	9.44	0.00104	0.00104	0.00000522	0.00699	0.0014	0.0146	0.0249	0.00000524	21.7	0.0000169	0.000287
2078 Dec	69.4	0.0582	0.0166	0.00113	14.9	0.0346	9.46	0.00104	0.00104	0.00000522	0.007	0.0014	0.0146	0.025	0.00000525	21.8	0.0000169	0.000287
2079 Jan	69.4	0.0582	0.0167	0.00113	15	0.0346	9.47	0.00104	0.00104	0.00000522	0.007	0.0014	0.0146	0.025	0.00000525	21.8	0.0000169	0.000288
2079 Feb	69.4	0.0582	0.0167	0.00113	15	0.0347	9.47	0.00104	0.00104	0.00000522	0.007	0.0014	0.0146	0.025	0.00000525	21.8	0.0000169	0.000288
2079 Mar	69.5	0.0583	0.0167	0.00113	15	0.0347	9.49	0.00104	0.00104	0.00000523	0.00701	0.0014	0.0147	0.025	0.00000526	21.8	0.0000169	0.000288
2079 Apr	70.3	0.0589	0.0169	0.00114	15.1	0.0351	9.59	0.00105	0.00105	0.00000529	0.00709	0.00141	0.0148	0.0253	0.00000531	22	0.0000171	0.000291
2079 May	73.6	0.0618	0.0175	0.00118	15.8	0.0363	10.1	0.00109	0.00109	0.00000548	0.00737	0.00148	0.0154	0.0266	0.00000551	23.2	0.0000179	0.000306
2079 Jun	50.9	0.0311	0.0162	0.00109	10.9	0.0227	5.32	0.000938	0.000938	0.00000471	0.00656	0.00102	0.0111	0.0171	0.00000472	14.8	0.0000191	0.000235
2079 Jul	47.3	0.0228	0.0139	0.00114	9.42	0.024	4.58	0.00102	0.00102	0.00000513	0.00723	0.00101	0.0117	0.0151	0.00000515	13.2	0.000021	0.000225
2079 Aug	50.7	0.0233	0.0135	0.00122	9.84	0.0281	5.15	0.00112	0.00112	0.00000563	0.00778	0.00112	0.0129	0.0163	0.00000564	14.2	0.0000217	0.000236
2079 Sep	49.6	0.0358	0.0114	0.00112	9.78	0.0316	6.16	0.00104	0.00104	0.00000522	0.00732	0.00108	0.0134	0.0154	0.00000524	13.9	0.0000183	0.000213
2079 Oct	51.3	0.0517	0.0117	0.00109	10.5	0.0345	7.26	0.000995	0.000995	0.00000499	0.00728	0.00106	0.014	0.0153	0.00000501	14.2	0.0000169	0.000205
2079 Nov	52.2	0.0587	0.0116	0.00108	10.9	0.0358	7.62	0.000985	0.000985	0.00000493	0.00734	0.00106	0.0143	0.0154	0.00000496	14.4	0.0000166	0.000203
2079 Dec	52.6	0.0627	0.0115	0.00108	11	0.0365	7.8	0.000978	0.000978	0.0000049	0.00738	0.00106	0.0144	0.0155	0.00000493	14.5	0.0000164	0.000202
2080 Jan	52.6	0.0627	0.0115	0.00108	11	0.0365	7.81	0.000979	0.000979	0.00000491	0.00738	0.00106	0.0144	0.0155	0.00000493	14.6	0.0000164	0.000202
2080 Feb	52.6	0.0627	0.0115	0.00108	11	0.0365	7.81	0.000979	0.000979	0.00000491	0.00738	0.00107	0.0144	0.0155	0.00000493	14.6	0.0000164	0.000202
2080 Mar	52.6	0.0627	0.0115	0.00108	11	0.0365	7.81	0.000979	0.000979	0.00000491	0.00739	0.00107	0.0144	0.0155	0.00000493	14.6	0.0000164	0.000202
2080 Apr	53	0.0632	0.0116	0.00108	11.1	0.0368	7.87	0.000986	0.000986	0.00000494	0.00744	0.00107	0.0145	0.0156	0.00000497	14.7	0.0000165	0.000203
2080 May	55.7	0.0662	0.0122	0.00114	11.7	0.0385	8.24	0.00103	0.00103	0.00000518	0.00779	0.00113	0.0152	0.0165	0.00000521	15.4	0.0000173	0.000214
2080 Jun	46.3	0.0366	0.0133	0.00112	9.72	0.0274	5.25	0.000976	0.000976	0.0000049	0.00708	0.000946	0.0122	0.0137	0.00000491	12.4	0.0000189	0.000203
2080 Jul	43	0.0221	0.0122	0.00113	8.53	0.0257	4.13	0.00102	0.00102	0.0000051	0.00715	0.000947	0.0114	0.013	0.00000511	11.5	0.0000198	0.000199
2080 Aug	44.3	0.0216	0.0112	0.00115	8.64	0.0297	4.51	0.00107	0.00107	0.00000535	0.00722	0.00103	0.0121	0.0138	0.00000536	12.1	0.0000185	0.000198
2080 Sep	45.6	0.0312	0.0107	0.0011	9.31	0.0336	5.44	0.00103	0.00103	0.00000514	0.00679	0.00104	0.0129	0.014	0.00000515	12.7	0.0000152	0.000191
2080 Oct	48.5	0.0466	0.0116	0.0011	10.3	0.036	6.55	0.000994	0.000994	0.00000498	0.00688	0.00104	0.0136	0.0145	0.000005	13.4	0.0000145	0.000191
2080 Nov	50.5	0.0562	0.012	0.0011	11	0.0373	7.24	0.00098	0.00098	0.00000491	0.00697	0.00104	0.0141	0.0148	0.00000493	13.9	0.0000144	0.000192
2080 Dec	50.6	0.0568	0.0119	0.0011	11	0.0374	7.29	0.00098	0.00098	0.00000491	0.00698	0.00105	0.0141	0.0148	0.00000494	13.9	0.0000144	0.000192
2081 Jan	50.6	0.0568	0.0119	0.0011	11	0.0374	7.29	0.000981	0.000981	0.00000492	0.00699	0.00105	0.0141	0.0148	0.00000494	13.9	0.0000144	0.000192
2081 Feb	50.7	0.0568	0.0119	0.0011	11	0.0375	7.29	0.000981	0.000981	0.00000492	0.00699	0.00105	0.0141	0.0148	0.00000494	13.9	0.0000144	0.000192
2081 Mar	50.7	0.0569	0.0119	0.0011	11	0.0375	7.3	0.000982	0.000982	0.00000492	0.007	0.00105	0.0142	0.0148	0.00000494	14	0.0000144	0.000192
2081 Apr	51.3	0.0575	0.0121	0.00111	11.1	0.0379	7.38	0.000993	0.000993	0.00000498	0.00707	0.00106	0.0143	0.015	0.000005	14.1	0.0000146	0.000195
2081 May	66.6	0.0642	0.0176	0.00112	15.3	0.0324	7.84	0.00101	0.00101	0.00000504	0.00699	0.00133	0.0128	0.0245	0.00000506	21.1	0.000017	0.000286
2081 Jun	72.2	0.0566	0.023	0.00115	17.5	0.024	7.03	0.00097	0.00097	0.00000487	0.00639	0.0014	0.0104	0.029	0.00000488	24	0.0000186	0.000331
2081 Jul	83.3	0.0639	0.0264	0.00136	20	0.0283	8.08	0.00115	0.00115	0.00000577	0.00759	0.00162	0.0124	0.0332	0.00000579	27.5	0.0000221	0.000383
2081 Aug	95	0.0728	0.0295	0.00156	22.8	0.0336	9.27	0.00133	0.00133	0.00000668	0.00874	0.00186	0.0144	0.0378	0.00000669	31.4	0.0000249	0.000436
2081 Sep	82.9	0.0662	0.0217	0.00132	19	0.0335	8.6	0.00121	0.00121	0.00000605	0.00808	0.00167	0.014	0.0326	0.00000607	27.4	0.0000216	0.000379
2081 Oct	78.6	0.0684	0.0194	0.00124	17.7	0.0343	8.88	0.00115	0.00115	0.00000577	0.00791	0.00157	0.0144	0.0299	0.00000579	25.6	0.0000204	0.000351
2081 Nov	73.7	0.0704	0.0176	0.00117	16.4	0.0348	9.12	0.00108	0.00108	0.00000543	0.00766	0.00146	0.0146	0.027	0.00000545	23.4	0.0000191	0.000318
2081 Dec	73.4	0.0708	0.0174	0.00117	16.3	0.035	9.16	0.00108	0.00108	0.00000541	0.00766	0.00145	0.0146	0.0268	0.00000543	23.3	0.000019	0.000316
2082 Jan	73.4	0.0708	0.0174	0.00117	16.3	0.035	9.17	0.00108	0.00108	0.00000541	0.00766	0.00145	0.0146	0.0268	0.00000543	23.3	0.000019	0.000316
2082 Feb	73.5	0.0708	0.0174	0.00117	16.3	0.035	9.17	0.00108	0.00108	0.00000542	0.00766	0.00145	0.0147	0.0268	0.00000544	23.3	0.000019	0.000316
2082 Mar	73.6	0.0709	0.0174	0.00117	16.3	0.035	9.19	0.00108	0.00108	0.00000542	0.00768	0.00145	0.0147	0.0268	0.00000545	23.4	0.000019	0.000317
2082 Apr	74.2	0.0715	0.0176	0.00118	16.5	0.0353	9.26	0.00109	0.00109	0.00000547	0.00774	0.00147	0.0148	0.0271	0.00000549	23.6	0.0000192	0.000319
2082 May	77.3	0.0745	0.0183	0.00123	17.2	0.0368	9.65	0.00114	0.00114	0.0000057	0.00807	0.00153	0.0154	0.0282	0.00000572	24.5	0.00002	0.000333
2082 Jun	50.3	0.0338	0.0146	0.00111	10.4	0.0255	5.74	0.000974	0.000974	0.00000488	0.00697	0.00101	0.0123	0.0158	0.0000049	14	0.0000196	0.000227
2082 Jul	43.3	0.019	0.0131	0.00116	8.56	0.0238	3.86	0.00103	0.00103	0.00000517	0.0073	0.000934	0.0115	0.013	0.00000518	11.4	0.0000212	0.000209
2082 Aug	46.2	0.0205	0.0125	0.00122	9.02	0.0276	4.2	0.00112	0.00112	0.0000056	0.00778	0.00103	0.0125	0.0141	0.00000561	12.4	0.0000216	0.00022
2082 Sep	46.9	0.0261	0.0114	0.0012	9.22	0.0302	4.56	0.00112	0.00112	0.00000558	0.00775	0.00106	0.0129	0.0144	0.00000559	12.8	0.0000203	0.000218
2082 Oct	46.3	0.047	0.00996	0.00106	9.7	0.033	5.42	0.000993	0.000993	0.00000497	0.00724	0.001	0.0126	0.0141	0.00000499	12.9	0.0000168	0.000196
2082 Nov	46.9	0.0485	0.00989	0.00107	9.8	0.0334	5.54	0.000999	0.000999	0.000005	0.00731	0.00101	0.0128	0.0142	0.00000502	13.1	0.0000168	0.000198
2082 Dec	47	0.0485	0.0099	0.00107	9.82	0.0335	5.56	0.001	0.001	0.00000501	0.00732	0.00102	0.0128	0.0142	0.00000502	13.1	0.0000169	0.000198
2083 Jan	47	0.0486	0.00991	0.00107	9.82	0.0335	5.57	0.001	0.001	0.00000501	0.00732	0.00102	0.0128	0.0143	0.00000503	13.1	0.0000169	0.000198
2083 Feb	47	0.0486	0.00992	0.00107	9.83	0.0336	5.57	0.001	0.001	0.00000502	0.00733	0.00102	0.0128	0.0143	0.00000503	13.1	0.0000169	0.000198
2083 Mar	47.1	0.0487	0.00994	0.00107	9.86	0.0336	5.59	0.001	0.001	0.00000503	0.00735	0.00102	0.0129	0.0143	0.00000504	13.2	0.0000169	0.000199
2083 Apr	47.7	0.0493	0.0101	0.00109	9.97	0.034	5.65	0.00102	0.00102	0.00000509	0.00744	0.00103	0.013	0.0145	0.0000051	13.3	0.0000171	0.000201
2083 May	61.9	0.0571	0.015	0.00111	13.4	0.0318	7.34	0.00103	0.00103	0.00000514	0.00735	0.00126	0.0132	0.0218	0.00000515	19.1	0.0000185	0.00027
2083 Jun	67.5	0.0491	0.0216	0.00111	16	0.0222	6.61	0.000941	0.000941	0.00000472	0.00626	0.00131	0.0103	0.0266	0.00000473	22.1	0.0000187	0.000312
2083 Jul	67.1	0.0447	0.0204	0.00119	15.3	0.0252	6.57	0.00104	0.00104	0.00000523	0.00694	0.00135	0.0113	0.0258	0.00000524	21.5	0.0000202	0.00031
2083 Aug	60.5	0.0352	0.0156	0.00114	13.1	0.0299	6.37	0.00107	0.00107	0.00000534	0.00678	0.00133	0.0116	0.0231	0.00000536	19.3	0.0000175	0.000267
2083 Sep	57.1	0.0468	0.0137	0.00109	12.4	0.0335	6.92	0.00101	0.00101	0.00000508	0.00673	0.00123	0.0124	0.0203	0.0000051	17.5	0.0000154	0.000235
2083 Oct	54.7	0.068	0.0126	0.00107	12.5	0.037	7.46	0.000954	0.000954	0.00000478	0.00691	0.00111	0.0131	0.0176	0.0000048	16	0.0000143	0.000207
2083 Nov	54.7	0.0726	0.013	0.00109	12.8	0.0375	7.55	0.00095	0.00095	0.00000476	0.00696	0.00109	0.0132	0.0172	0.00000478	15.7	0.0000143	0.000203

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2083 Dec	54.8	0.0727	0.013	0.00109	12.8	0.0376	7.57	0.000951	0.000951	0.00000477	0.00697	0.00109	0.0132	0.0172	0.00000479	15.8	0.0000143	0.000204
2084 Jan	54.8	0.0727	0.013	0.00109	12.8	0.0376	7.57	0.000951	0.000951	0.00000477	0.00697	0.00109	0.0132	0.0172	0.00000479	15.8	0.0000143	0.000204
2084 Feb	54.8	0.0727	0.013	0.00109	12.8	0.0376	7.57	0.000951	0.000951	0.00000477	0.00698	0.00109	0.0132	0.0172	0.00000479	15.8	0.0000143	0.000204
2084 Mar	55	0.0729	0.0131	0.00109	12.9	0.0377	7.59	0.000953	0.000953	0.00000478	0.00699	0.00109	0.0133	0.0173	0.0000048	15.8	0.0000143	0.000204
2084 Apr	56	0.0742	0.0133	0.00111	13.1	0.0384	7.73	0.000971	0.000971	0.00000487	0.00712	0.00111	0.0135	0.0176	0.00000489	16.1	0.0000146	0.000208
2084 May	69.1	0.0744	0.0175	0.00111	16.2	0.0332	8.26	0.000992	0.000992	0.00000497	0.00707	0.00136	0.0126	0.0257	0.00000499	22.1	0.0000171	0.00029
2084 Jun	68.7	0.0524	0.022	0.00111	16.5	0.0224	6.57	0.000936	0.000936	0.00000469	0.00621	0.00133	0.00996	0.0275	0.00000471	22.8	0.0000184	0.000318
2084 Jul	72	0.0514	0.0216	0.0012	16.7	0.0252	6.79	0.00106	0.00106	0.00000529	0.00708	0.00144	0.0111	0.0287	0.00000531	23.7	0.0000207	0.000337
2084 Aug	73.7	0.0516	0.0206	0.00124	16.8	0.0286	7.13	0.00113	0.00113	0.00000564	0.00746	0.00151	0.0121	0.0292	0.00000565	24.3	0.0000209	0.000342
2084 Sep	66.9	0.0506	0.0169	0.00115	14.9	0.0309	7.19	0.00106	0.00106	0.00000533	0.00707	0.00139	0.0127	0.0253	0.00000534	21.6	0.0000181	0.000301
2084 Oct	61.8	0.0621	0.0147	0.00108	13.7	0.0341	7.83	0.00099	0.00099	0.00000496	0.007	0.00125	0.0135	0.0215	0.00000498	19	0.0000162	0.000258
2084 Nov	60.7	0.0674	0.0145	0.00108	13.5	0.0353	8.05	0.000974	0.000974	0.00000488	0.00706	0.00121	0.0137	0.0204	0.0000049	18.3	0.0000158	0.000246
2084 Dec	60.8	0.0675	0.0145	0.00108	13.5	0.0354	8.07	0.000975	0.000975	0.00000489	0.00707	0.00121	0.0138	0.0204	0.00000491	18.3	0.0000158	0.000247
2085 Jan	60.8	0.0675	0.0145	0.00108	13.5	0.0354	8.08	0.000975	0.000975	0.00000489	0.00707	0.00121	0.0138	0.0204	0.00000491	18.3	0.0000158	0.000247
2085 Feb	60.8	0.0675	0.0146	0.00108	13.5	0.0354	8.08	0.000976	0.000976	0.00000489	0.00707	0.00121	0.0138	0.0205	0.00000491	18.3	0.0000158	0.000247
2085 Mar	60.9	0.0676	0.0146	0.00108	13.6	0.0354	8.09	0.000976	0.000976	0.00000489	0.00708	0.00121	0.0138	0.0205	0.00000492	18.3	0.0000158	0.000247
2085 Apr	61.5	0.0683	0.0147	0.00109	13.7	0.0358	8.16	0.000986	0.000986	0.00000494	0.00715	0.00122	0.0139	0.0207	0.00000496	18.5	0.000016	0.000249
2085 May	71.3	0.0706	0.0178	0.00109	16.2	0.032	8.6	0.000995	0.000995	0.00000499	0.00706	0.0014	0.013	0.0268	0.000005	23.1	0.0000177	0.000308
2085 Jun	78	0.0631	0.0234	0.00114	18.6	0.0247	7.79	0.000992	0.000992	0.00000497	0.00666	0.00152	0.0109	0.0319	0.00000498	26.4	0.0000194	0.00036
2085 Jul	83.8	0.0652	0.0238	0.00124	19.5	0.028	8.31	0.00111	0.00111	0.00000557	0.00743	0.00167	0.012	0.0344	0.00000558	28.4	0.0000214	0.000388
2085 Aug	72.3	0.0537	0.0186	0.00114	16.3	0.0307	7.75	0.00106	0.00106	0.0000053	0.00684	0.0015	0.0123	0.0287	0.00000532	24.1	0.0000175	0.000324
2085 Sep	63.1	0.0574	0.015	0.00107	14.1	0.0351	7.98	0.000989	0.000989	0.00000496	0.00654	0.00129	0.0136	0.0225	0.00000498	19.8	0.0000141	0.000263
2085 Oct	60.2	0.0676	0.0142	0.00107	13.7	0.0369	8.41	0.000957	0.000957	0.0000048	0.0067	0.00118	0.0141	0.0198	0.00000482	17.9	0.0000138	0.000234
2085 Nov	58.9	0.072	0.0136	0.00108	13.6	0.0376	8.43	0.000948	0.000948	0.00000476	0.00678	0.00114	0.0142	0.0188	0.00000478	17.2	0.0000138	0.000223
2085 Dec	59	0.072	0.0136	0.00108	13.6	0.0376	8.44	0.000949	0.000949	0.00000476	0.00679	0.00114	0.0142	0.0188	0.00000478	17.2	0.0000138	0.000224
2086 Jan	59	0.072	0.0136	0.00108	13.6	0.0376	8.44	0.000949	0.000949	0.00000476	0.00679	0.00114	0.0142	0.0188	0.00000478	17.2	0.0000138	0.000224
2086 Feb	59	0.072	0.0136	0.00108	13.6	0.0376	8.44	0.000949	0.000949	0.00000476	0.00679	0.00114	0.0142	0.0188	0.00000478	17.2	0.0000138	0.000224
2086 Mar	59.1	0.0721	0.0137	0.00108	13.6	0.0377	8.45	0.00095	0.00095	0.00000477	0.0068	0.00114	0.0142	0.0188	0.00000479	17.3	0.0000139	0.000224
2086 Apr	59.9	0.0731	0.0138	0.00109	13.8	0.0382	8.56	0.000962	0.000962	0.00000483	0.00689	0.00116	0.0144	0.0191	0.00000485	17.5	0.000014	0.000227
2086 May	65.3	0.0763	0.0149	0.00111	14.9	0.038	9.02	0.000998	0.000998	0.000005	0.00715	0.00127	0.0146	0.022	0.00000503	19.8	0.0000153	0.000257
2086 Jun	59.9	0.0432	0.0185	0.0011	13.7	0.0232	5.9	0.000949	0.000949	0.00000476	0.00651	0.00118	0.0107	0.0223	0.00000477	18.8	0.0000189	0.000277
2086 Jul	58.5	0.0353	0.0168	0.00121	12.6	0.0259	5.5	0.00109	0.00109	0.00000545	0.00754	0.00121	0.012	0.0208	0.00000546	17.6	0.0000218	0.000276
2086 Aug	57.2	0.0327	0.0146	0.0012	11.8	0.0294	5.88	0.00111	0.00111	0.00000557	0.00752	0.00123	0.0127	0.02	0.00000559	17.1	0.0000203	0.000262
2086 Sep	53.9	0.0384	0.012	0.00111	11.1	0.0333	6.59	0.00104	0.00104	0.0000052	0.00694	0.00115	0.0136	0.0177	0.00000522	15.8	0.0000162	0.000231
2086 Oct	54.4	0.0462	0.0115	0.00109	11.2	0.0352	7.19	0.00102	0.00102	0.00000512	0.00699	0.00114	0.0142	0.0173	0.00000514	15.7	0.0000156	0.000224
2086 Nov	54.9	0.0467	0.0115	0.0011	11.3	0.0355	7.28	0.00103	0.00103	0.00000516	0.00704	0.00115	0.0143	0.0174	0.00000518	15.9	0.0000157	0.000226
2086 Dec	54.9	0.0468	0.0116	0.0011	11.3	0.0356	7.3	0.00103	0.00103	0.00000516	0.00705	0.00115	0.0144	0.0174	0.00000518	15.9	0.0000157	0.000226
2087 Jan	54.9	0.0468	0.0116	0.0011	11.3	0.0356	7.3	0.00103	0.00103	0.00000516	0.00705	0.00115	0.0144	0.0174	0.00000518	15.9	0.0000157	0.000226
2087 Feb	55	0.0468	0.0116	0.0011	11.4	0.0356	7.3	0.00103	0.00103	0.00000517	0.00706	0.00115	0.0144	0.0175	0.00000519	15.9	0.0000157	0.000226
2087 Mar	55.1	0.047	0.0116	0.0011	11.4	0.0357	7.32	0.00103	0.00103	0.00000518	0.00708	0.00116	0.0144	0.0175	0.0000052	15.9	0.0000158	0.000227
2087 Apr	55.5	0.0473	0.0117	0.00111	11.5	0.0359	7.37	0.00104	0.00104	0.00000522	0.00713	0.00116	0.0145	0.0176	0.00000524	16.1	0.0000159	0.000228
2087 May	62.4	0.0527	0.0144	0.00111	13.4	0.0339	7.78	0.00104	0.00104	0.0000052	0.0071	0.00128	0.014	0.0217	0.00000522	19.1	0.0000168	0.000266
2087 Jun	74.3	0.0568	0.0215	0.0011	17.3	0.0242	7.24	0.000989	0.000989	0.00000496	0.00666	0.00147	0.0107	0.0304	0.00000497	25.2	0.0000195	0.000349
2087 Jul	73	0.0517	0.0197	0.00114	16.5	0.0266	7.08	0.00106	0.00106	0.00000532	0.0071	0.00151	0.0113	0.0297	0.00000533	24.6	0.0000202	0.000342
2087 Aug	77	0.0528	0.02	0.00124	17.2	0.0306	7.62	0.00117	0.00117	0.00000584	0.00768	0.00162	0.0125	0.031	0.00000586	25.7	0.0000211	0.000355
2087 Sep	75.5	0.0553	0.0183	0.00124	16.6	0.0331	7.95	0.00117	0.00117	0.00000588	0.0078	0.00159	0.0132	0.0297	0.00000589	24.9	0.0000205	0.000341
2087 Oct	70.3	0.0586	0.0162	0.00117	15.2	0.0343	8.31	0.0011	0.0011	0.00000553	0.00753	0.00146	0.0136	0.0262	0.00000555	22.4	0.0000188	0.000303
2087 Nov	68.6	0.0605	0.0155	0.00114	14.8	0.0348	8.49	0.00108	0.00108	0.00000541	0.00746	0.00141	0.0139	0.025	0.00000543	21.6	0.0000182	0.000289
2087 Dec	68.7	0.0605	0.0155	0.00115	14.8	0.0349	8.51	0.00108	0.00108	0.00000541	0.00747	0.00142	0.0139	0.0251	0.00000543	21.6	0.0000182	0.00029
2088 Jan	68.7	0.0605	0.0155	0.00115	14.8	0.0349	8.52	0.00108	0.00108	0.00000542	0.00747	0.00142	0.0139	0.0251	0.00000544	21.6	0.0000182	0.00029
2088 Feb	68.7	0.0605	0.0155	0.00115	14.8	0.0349	8.52	0.00108	0.00108	0.00000542	0.00747	0.00142	0.0139	0.0251	0.00000544	21.6	0.0000182	0.00029
2088 Mar	68.9	0.0607	0.0155	0.00115	14.9	0.035	8.55	0.00108	0.00108	0.00000543	0.0075	0.00142	0.0139	0.0251	0.00000545	21.7	0.0000183	0.000291
2088 Apr	70.7	0.0623	0.0159	0.00118	15.2	0.0359	8.77	0.00111	0.00111	0.00000557	0.00769	0.00146	0.0143	0.0258	0.00000559	22.3	0.0000188	0.000298
2088 May	75.1	0.0662	0.0169	0.00124	16.2	0.0378	9.28	0.00117	0.00117	0.00000588	0.00811	0.00155	0.0151	0.0275	0.0000059	23.7	0.0000198	0.000317
2088 Jun	50.3	0.0333	0.0132	0.00107	10	0.0253	5.28	0.000987	0.000987	0.00000494	0.00718	0.00106	0.0118	0.0168	0.00000496	14.6	0.0000201	0.000235
2088 Jul	50.8	0.0273	0.0135	0.0012	9.65	0.0264	4.77	0.00112	0.00112	0.00000559	0.00817	0.00111	0.0127	0.0163	0.0000056	14.3	0.0000236	0.000248
2088 Aug	59.5	0.0324	0.0153	0.0014	11.4	0.032	5.65	0.00131	0.00131	0.00000657	0.0095	0.00131	0.015	0.0191	0.00000658	16.8	0.0000269	0.000288
2088 Sep	59.2	0.0348	0.014	0.00137	11.2	0.0335	5.93	0.0013	0.0013	0.00000651	0.0094	0.0013	0.0154	0.0188	0.00000653	16.7	0.0000259	0.000282
2088 Oct	52.8	0.0518	0.0106	0.00112	10.5	0.034	6.54	0.00107	0.00107	0.00000534	0.00803	0.00111	0.0141	0.016	0.00000536	14.7	0.0000198	0.000226
2088 Nov	52.4	0.0579	0.0102	0.0011	10.7	0.0349	6.69	0.00104	0.00104	0.00000519	0.00791	0.00109	0.014	0.0158	0.00000521	14.6	0.0000189	0.000218
2088 Dec	52.5	0.058	0.0102	0.0011	10.7	0.0349	6.71	0.00104	0.00104	0.0000052	0.00792	0.00109	0.014	0.0158	0.00000522	14.7	0.0000189	0.000219
2089 Jan	52.5	0.058	0.0102	0.0011	10.7	0.035	6.71	0.00104	0.00104	0.0000052	0.00792	0.00109	0.014	0.0159	0.00000522	14.7	0.0000189	0.000219
2089 Feb	52.5	0.0581	0.0102	0.0011	10.7	0.035	6.72	0.00104	0.00104	0.0000052	0.00793	0.00109	0.014	0.0159	0.00000522	14.7	0.0000189	0.000219
2089 Mar	52.7	0.0583	0.0102	0.0011	10.7	0.0351	6.74	0.00104	0.00104	0.00000522	0.00796	0.00109	0.0141	0.0159	0.00000524	14.7	0.000019	0.00022
2089 Apr	53.6	0.0592	0.0104	0.00112	10.9	0.0357	6.85	0.00106	0.00106	0.00000531	0.00808	0.00111	0.0143	0.0162	0.00000532	15	0.0000193	0.000223
2089 May	63.5	0.0641	0.0147	0.00113	13.8	0.033	7.34	0.00106	0.00106	0.00000529	0.00784	0.00129	0.0134	0.0223	0.00000531	19.5	0.0000198	0.000278
2089 Jun	79.4	0.0642	0.0224	0.00111	18.6	0.0243	7.37	0.00102	0.00102	0.00000509	0.00697	0.00158	0.0105	0.0334	0.0000051	27.5	0.0000206	0.000378

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Jul	79	0.0594	0.021	0.00117	18	0.0273	7.52	0.00109	0.00109	0.00000547	0.00736	0.00162	0.0113	0.0329	0.00000548	27.1	0.0000211	0.000371
2089 Aug	79.5	0.056	0.0201	0.00124	17.7	0.0316	8.03	0.00118	0.00118	0.00000588	0.00769	0.00168	0.0125	0.0325	0.0000059	26.8	0.0000208	0.000362
2089 Sep	74.3	0.0572	0.0174	0.00119	16.3	0.0339	8.41	0.00113	0.00113	0.00000567	0.00749	0.00156	0.0133	0.0289	0.00000568	24.3	0.000019	0.000324
2089 Oct	62.1	0.0709	0.0138	0.00107	13.7	0.0367	8.59	0.000979	0.000979	0.00000491	0.00712	0.00125	0.0138	0.021	0.00000493	18.7	0.0000156	0.000241
2089 Nov	61.7	0.0742	0.0135	0.00107	13.6	0.0375	8.64	0.000977	0.000977	0.0000049	0.00722	0.00123	0.0139	0.0206	0.00000492	18.4	0.0000156	0.000237
2089 Dec	61.8	0.0743	0.0135	0.00107	13.7	0.0376	8.66	0.000979	0.000979	0.00000491	0.00723	0.00123	0.0139	0.0206	0.00000493	18.5	0.0000156	0.000237
2090 Jan	61.8	0.0744	0.0135	0.00107	13.7	0.0376	8.67	0.00098	0.00098	0.00000491	0.00724	0.00123	0.014	0.0206	0.00000494	18.5	0.0000156	0.000238
2090 Feb	61.9	0.0745	0.0135	0.00107	13.7	0.0377	8.68	0.000981	0.000981	0.00000492	0.00724	0.00124	0.014	0.0206	0.00000494	18.5	0.0000156	0.000238
2090 Mar	62.1	0.0747	0.0135	0.00107	13.7	0.0378	8.7	0.000983	0.000983	0.00000493	0.00726	0.00124	0.014	0.0207	0.00000495	18.5	0.0000157	0.000238
2090 Apr	62.7	0.0754	0.0137	0.00108	13.9	0.0381	8.79	0.000993	0.000993	0.00000498	0.00733	0.00125	0.0141	0.0209	0.000005	18.7	0.0000158	0.000241
2090 May	66.2	0.0777	0.0146	0.00112	14.6	0.0387	9.29	0.00102	0.00102	0.00000512	0.00753	0.00131	0.0146	0.0223	0.00000515	19.9	0.0000166	0.000256
2090 Jun	63.2	0.0456	0.0186	0.00109	14.3	0.0234	6.52	0.000953	0.000953	0.00000478	0.00656	0.00124	0.011	0.0238	0.00000479	20	0.0000192	0.00029
2090 Jul	62	0.0393	0.017	0.00117	13.3	0.0254	5.98	0.00107	0.00107	0.00000536	0.00745	0.00128	0.0118	0.0229	0.00000537	19.3	0.0000218	0.000293
2090 Aug	53.2	0.0347	0.0127	0.00108	11.3	0.0315	5.87	0.00101	0.00101	0.00000507	0.00657	0.00116	0.0125	0.0184	0.00000508	16.1	0.0000154	0.000234
2090 Sep	52.7	0.052	0.0121	0.00107	11.9	0.0356	6.51	0.000975	0.000975	0.00000489	0.00654	0.00109	0.0132	0.0169	0.0000049	15.4	0.0000133	0.000214
2090 Oct	52.9	0.0766	0.0117	0.00107	12.8	0.0386	6.82	0.000946	0.000946	0.00000474	0.00701	0.00105	0.013	0.0164	0.00000476	15.2	0.0000135	0.0002
2090 Nov	52.9	0.0795	0.0118	0.00107	12.9	0.0386	6.86	0.000938	0.000938	0.00000471	0.00704	0.00104	0.013	0.0163	0.00000472	15.1	0.0000136	0.000198
2090 Dec	53	0.0797	0.0118	0.00107	12.9	0.0387	6.88	0.00094	0.00094	0.00000471	0.00705	0.00104	0.013	0.0163	0.00000473	15.1	0.0000136	0.000198
2091 Jan	53	0.0797	0.0118	0.00107	12.9	0.0387	6.89	0.00094	0.00094	0.00000471	0.00706	0.00104	0.013	0.0163	0.00000473	15.1	0.0000136	0.000198
2091 Feb	53	0.0797	0.0118	0.00107	12.9	0.0387	6.89	0.00094	0.00094	0.00000471	0.00706	0.00104	0.013	0.0163	0.00000473	15.2	0.0000136	0.000198
2091 Mar	53.3	0.0801	0.0118	0.00108	12.9	0.0389	6.92	0.000944	0.000944	0.00000474	0.00709	0.00104	0.0131	0.0164	0.00000475	15.2	0.0000137	0.000199
2091 Apr	54.3	0.0815	0.0121	0.0011	13.2	0.0396	7.05	0.000962	0.000962	0.00000482	0.00722	0.00106	0.0133	0.0167	0.00000484	15.5	0.0000139	0.000203
2091 May	61.3	0.0831	0.0143	0.00113	14.8	0.0385	7.48	0.001	0.001	0.00000502	0.00741	0.0012	0.0133	0.0206	0.00000504	18.5	0.0000154	0.000243
2091 Jun	70.5	0.0558	0.0209	0.0011	16.7	0.0234	6.58	0.000966	0.000966	0.00000484	0.00655	0.00139	0.0101	0.0287	0.00000485	23.7	0.0000191	0.000331
2091 Jul	77.8	0.0585	0.0222	0.00125	18	0.0269	7.11	0.00113	0.00113	0.00000565	0.0077	0.00157	0.0117	0.0314	0.00000566	26	0.0000225	0.000369
2091 Aug	66.8	0.048	0.0167	0.00114	14.8	0.0299	6.73	0.00107	0.00107	0.00000535	0.00707	0.0014	0.0122	0.0258	0.00000537	21.8	0.0000184	0.000307
2091 Sep	60.6	0.0485	0.0138	0.00109	13.3	0.0344	6.99	0.00102	0.00102	0.00000513	0.00664	0.00127	0.0134	0.0216	0.00000514	19	0.0000145	0.000264
2091 Oct	58	0.0599	0.0131	0.00106	12.9	0.0362	7.61	0.000967	0.000967	0.00000485	0.00664	0.00116	0.0139	0.0191	0.00000487	17.3	0.0000136	0.000234
2091 Nov	56.3	0.069	0.0123	0.00105	12.9	0.0374	7.67	0.000945	0.000945	0.00000474	0.00677	0.0011	0.0138	0.0177	0.00000476	16.4	0.0000135	0.000217
2091 Dec	56.3	0.0694	0.0123	0.00105	12.9	0.0375	7.69	0.000946	0.000946	0.00000474	0.00678	0.0011	0.0138	0.0178	0.00000476	16.4	0.0000135	0.000217
2092 Jan	56.4	0.0694	0.0123	0.00105	12.9	0.0375	7.69	0.000946	0.000946	0.00000474	0.00679	0.0011	0.0138	0.0178	0.00000477	16.4	0.0000135	0.000217
2092 Feb	56.4	0.0695	0.0123	0.00105	12.9	0.0375	7.7	0.000947	0.000947	0.00000475	0.00679	0.00111	0.0138	0.0178	0.00000477	16.4	0.0000135	0.000217
2092 Mar	56.7	0.0699	0.0123	0.00106	13	0.0377	7.74	0.000952	0.000952	0.00000477	0.00683	0.00111	0.0139	0.0179	0.00000479	16.5	0.0000136	0.000218
2092 Apr	57.6	0.0709	0.0125	0.00107	13.2	0.0383	7.86	0.000967	0.000967	0.00000485	0.00693	0.00113	0.0141	0.0181	0.00000487	16.7	0.0000138	0.000222
2092 May	65.1	0.0731	0.015	0.00111	14.9	0.0368	8.38	0.000999	0.000999	0.00000501	0.0071	0.00127	0.014	0.0223	0.00000503	19.9	0.0000155	0.000263
2092 Jun	61.7	0.0438	0.0192	0.00107	14.3	0.0217	5.83	0.000923	0.000923	0.00000463	0.00624	0.00121	0.00997	0.0239	0.00000464	19.9	0.0000185	0.000288
2092 Jul	57.3	0.0343	0.0167	0.00112	12.3	0.0233	5.3	0.00101	0.00101	0.00000508	0.00708	0.00119	0.0111	0.021	0.00000509	17.7	0.0000209	0.000274
2092 Aug	62.2	0.037	0.0169	0.00122	13.1	0.0274	6	0.00112	0.00112	0.00000562	0.00774	0.0013	0.0126	0.0225	0.00000563	19.1	0.0000221	0.000294
2092 Sep	59.5	0.038	0.0141	0.00115	12.1	0.03	6.71	0.00108	0.00108	0.00000539	0.00739	0.00124	0.0135	0.0204	0.00000541	17.8	0.0000196	0.000269
2092 Oct	58.7	0.045	0.0127	0.00109	11.7	0.032	7.74	0.00103	0.00103	0.00000514	0.00722	0.00118	0.0144	0.0189	0.00000516	17	0.0000182	0.000248
2092 Nov	58.9	0.047	0.0124	0.00108	11.7	0.0326	8.03	0.00102	0.00102	0.00000511	0.00723	0.00118	0.0147	0.0187	0.00000513	16.9	0.000018	0.000245
2092 Dec	59	0.0471	0.0125	0.00108	11.7	0.0327	8.05	0.00102	0.00102	0.00000512	0.00724	0.00118	0.0147	0.0188	0.00000514	17	0.000018	0.000246
2093 Jan	59	0.0471	0.0125	0.00108	11.7	0.0327	8.05	0.00102	0.00102	0.00000512	0.00724	0.00118	0.0147	0.0188	0.00000514	17	0.000018	0.000246
2093 Feb	59	0.0471	0.0125	0.00109	11.7	0.0327	8.06	0.00102	0.00102	0.00000512	0.00725	0.00118	0.0147	0.0188	0.00000515	17	0.000018	0.000246
2093 Mar	59.5	0.0475	0.0126	0.00109	11.8	0.033	8.12	0.00103	0.00103	0.00000516	0.0073	0.00119	0.0148	0.0189	0.00000519	17.1	0.0000182	0.000248
2093 Apr	60.5	0.0483	0.0128	0.00111	12	0.0335	8.26	0.00105	0.00105	0.00000525	0.00742	0.00121	0.0151	0.0192	0.00000527	17.4	0.0000185	0.000252
2093 May	67.3	0.0539	0.0148	0.00113	13.7	0.0331	8.96	0.00106	0.00106	0.00000532	0.0075	0.00133	0.0151	0.0228	0.00000534	20.2	0.0000192	0.000285
2093 Jun	69.2	0.0508	0.0205	0.00109	16	0.023	6.82	0.00096	0.00096	0.00000481	0.0065	0.00136	0.0106	0.0275	0.00000482	22.9	0.0000192	0.000323
2093 Jul	71.4	0.0489	0.02	0.00119	16	0.026	6.81	0.00108	0.00108	0.00000542	0.00731	0.00145	0.0116	0.0281	0.00000543	23.4	0.0000213	0.000335
2093 Aug	73.4	0.0487	0.0192	0.00125	16.2	0.0293	7.09	0.00116	0.00116	0.00000582	0.00775	0.00153	0.0125	0.0288	0.00000583	24	0.0000218	0.000342
2093 Sep	68.4	0.0515	0.0164	0.00118	14.8	0.0315	7.35	0.00111	0.00111	0.00000555	0.00753	0.00142	0.013	0.0256	0.00000556	21.8	0.0000197	0.000306
2093 Oct	58.7	0.0691	0.0128	0.00104	12.9	0.0351	7.59	0.000965	0.000965	0.00000484	0.00719	0.00118	0.0132	0.0196	0.00000485	17.6	0.0000161	0.000236
2093 Nov	57.7	0.0786	0.012	0.00104	12.9	0.0373	7.75	0.000953	0.000953	0.00000478	0.00736	0.00114	0.0134	0.0186	0.0000048	16.9	0.0000157	0.000223
2093 Dec	57.8	0.0788	0.0121	0.00104	13	0.0374	7.77	0.000955	0.000955	0.00000479	0.00737	0.00114	0.0135	0.0186	0.00000481	17	0.0000157	0.000224
2094 Jan	57.8	0.0788	0.0121	0.00104	13	0.0374	7.78	0.000955	0.000955	0.00000479	0.00738	0.00115	0.0135	0.0186	0.00000481	17	0.0000157	0.000224
2094 Feb	57.9	0.0788	0.0121	0.00104	13	0.0374	7.78	0.000956	0.000956	0.00000479	0.00738	0.00115	0.0135	0.0186	0.00000481	17	0.0000157	0.000224
2094 Mar	58.1	0.0791	0.0121	0.00105	13	0.0376	7.81	0.00096	0.00096	0.00000481	0.00741	0.00115	0.0135	0.0187	0.00000483	17	0.0000158	0.000225
2094 Apr	58.7	0.08	0.0122	0.00106	13.2	0.038	7.9	0.00097	0.00097	0.00000486	0.00749	0.00116	0.0137	0.0189	0.00000488	17.2	0.0000159	0.000227
2094 May	66.3	0.0771	0.0158	0.00108	15.2	0.0343	8.16	0.000979	0.000979	0.00000491	0.00726	0.00129	0.013	0.0236	0.00000493	20.6	0.000017	0.000273
2094 Jun	80.1	0.0663	0.0223	0.00113	18.8	0.0255	7.93	0.00102	0.00102	0.00000509	0.00693	0.00157	0.0111	0.0331	0.0000051	27.3	0.0000202	0.000371
2094 Jul	91	0.073	0.0245	0.0013	21	0.0299	8.91	0.00119	0.00119	0.00000598	0.00815	0.00181	0.0128	0.0375	0.000006	31	0.0000236	0.000423
2094 Aug	105	0.0836	0.0278	0.00151	24.2	0.0357	10.4	0.0014	0.0014	0.00000701	0.00949	0.0021	0.0151	0.0432	0.00000703	35.7	0.0000271	0.000487
2094 Sep	89.8	0.0767	0.021	0.00131	20	0.0354	9.83	0.00124	0.00124	0.00000623	0.00863	0.0018	0.0148	0.0354	0.00000624	29.8	0.0000233	0.000403
2094 Oct	74.1	0.078	0.0156	0.00113	16.2	0.0359	9.32	0.00107	0.00107	0.00000535	0.00785	0.00146	0.0144	0.0268	0.00000537	23.3	0.0000192	0.00031
2094 Nov	65.2	0.0841	0.0131	0.00105	14.3	0.0375	9.04	0.000976	0.000976	0.00000489	0.00757	0.00126	0.0143	0.0217	0.00000492	19.5	0.0000169	0.000254
2094 Dec	64.8	0.0845	0.013	0.00105	14.2	0.0376	9.02	0.000972	0.000972	0.00000487	0.00756	0.00125	0.0143	0.0214	0.0000049	19.4	0.0000168	0.000252
2095 Jan	64.8	0.0846	0.013	0.00105	14.3	0.0377	9.03	0.000973	0.000973	0.00000488	0.00757	0.00125	0.0143	0.0215	0.0000049	19.4	0.0000168	0.000252

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Feb	64.8	0.0846	0.013	0.00105	14.3	0.0377	9.04	0.000973	0.000973	0.00000488	0.00757	0.00125	0.0143	0.0215	0.0000049	19.4	0.0000168	0.000252
2095 Mar	65	0.0849	0.013	0.00105	14.3	0.0378	9.06	0.000976	0.000976	0.00000489	0.00759	0.00125	0.0144	0.0215	0.00000492	19.4	0.0000168	0.000252
2095 Apr	65.9	0.0861	0.0132	0.00106	14.5	0.0383	9.19	0.00099	0.00099	0.00000496	0.0077	0.00127	0.0146	0.0218	0.00000498	19.7	0.0000171	0.000256
2095 May	72.5	0.0829	0.0164	0.00106	16.3	0.0341	8.96	0.000991	0.000991	0.00000497	0.00745	0.00141	0.0133	0.0267	0.00000499	23.2	0.0000181	0.000304
2095 Jun	85.9	0.0776	0.0226	0.00112	19.9	0.0276	8.67	0.00105	0.00105	0.00000524	0.00739	0.0017	0.0116	0.0359	0.00000525	29.7	0.000021	0.000399
2095 Jul	95.6	0.0836	0.0244	0.00128	22	0.0324	9.55	0.00121	0.00121	0.00000607	0.00842	0.00192	0.0131	0.04	0.00000608	33.1	0.0000235	0.000442
2095 Aug	78	0.0633	0.0187	0.00116	17.7	0.0328	7.99	0.00111	0.00111	0.00000556	0.0073	0.00163	0.0122	0.0318	0.00000558	26.5	0.0000184	0.00035
2095 Sep	70.6	0.0584	0.0159	0.00113	15.9	0.0356	7.71	0.00108	0.00108	0.00000541	0.00692	0.00149	0.013	0.0274	0.00000542	23.3	0.0000155	0.000308
2095 Oct	68.6	0.0607	0.0149	0.00111	15.4	0.0366	7.93	0.00106	0.00106	0.00000531	0.00691	0.00143	0.0134	0.0258	0.00000532	22.2	0.000015	0.000292
2095 Nov	64.8	0.0663	0.0141	0.00108	14.5	0.0375	8.3	0.001	0.001	0.00000503	0.00685	0.00131	0.0139	0.0227	0.00000505	20.1	0.0000142	0.000262
2095 Dec	64.6	0.0671	0.0142	0.00108	14.4	0.0376	8.36	0.001	0.001	0.00000501	0.00686	0.0013	0.014	0.0225	0.00000503	19.9	0.0000142	0.000259
2096 Jan	64.6	0.0672	0.0142	0.00108	14.4	0.0377	8.37	0.001	0.001	0.00000502	0.00686	0.0013	0.014	0.0225	0.00000504	19.9	0.0000142	0.00026
2096 Feb	64.7	0.0672	0.0142	0.00108	14.5	0.0377	8.39	0.001	0.001	0.00000502	0.00687	0.00131	0.014	0.0225	0.00000504	19.9	0.0000142	0.00026
2096 Mar	64.9	0.0674	0.0142	0.00108	14.5	0.0378	8.41	0.001	0.001	0.00000504	0.00689	0.00131	0.0141	0.0226	0.00000506	20	0.0000142	0.000261
2096 Apr	65.7	0.0683	0.0144	0.0011	14.7	0.0383	8.52	0.00102	0.00102	0.0000051	0.00698	0.00133	0.0142	0.0229	0.00000512	20.3	0.0000144	0.000264
2096 May	71.4	0.0705	0.016	0.0011	15.8	0.0369	9.21	0.00103	0.00103	0.00000516	0.00708	0.00142	0.0144	0.0257	0.00000518	22.5	0.0000157	0.000293
2096 Jun	54.8	0.0361	0.0167	0.00107	12.2	0.0224	5.33	0.000933	0.000933	0.00000468	0.00642	0.00109	0.0105	0.0197	0.00000469	16.7	0.0000187	0.000255
2096 Jul	55	0.031	0.0159	0.00121	11.6	0.0252	4.98	0.00108	0.00108	0.00000541	0.00755	0.00115	0.0118	0.0189	0.00000542	16.1	0.000022	0.000262
2096 Aug	61.6	0.0349	0.017	0.00135	12.9	0.0297	5.66	0.00123	0.00123	0.00000614	0.0085	0.0013	0.0136	0.0211	0.00000615	18.1	0.0000242	0.000293
2096 Sep	56.3	0.0428	0.0129	0.00119	11.6	0.0316	5.88	0.00111	0.00111	0.00000557	0.00791	0.00119	0.0134	0.0186	0.00000559	16.4	0.0000206	0.000255
2096 Oct	53.3	0.0675	0.0106	0.00105	11.5	0.0357	6.75	0.000978	0.000978	0.0000049	0.00751	0.00108	0.0133	0.0165	0.00000492	15.2	0.0000167	0.000215
2096 Nov	53.9	0.0737	0.0105	0.00105	11.8	0.037	6.99	0.000974	0.000974	0.00000488	0.0076	0.00108	0.0135	0.0166	0.0000049	15.3	0.0000165	0.000212
2096 Dec	54	0.0737	0.0105	0.00105	11.8	0.037	7	0.000975	0.000975	0.00000488	0.0076	0.00108	0.0135	0.0166	0.0000049	15.4	0.0000165	0.000212
2097 Jan	54	0.0737	0.0105	0.00105	11.8	0.0371	7	0.000975	0.000975	0.00000489	0.0076	0.00108	0.0135	0.0166	0.0000049	15.4	0.0000165	0.000212
2097 Feb	54	0.0737	0.0105	0.00105	11.8	0.0371	7	0.000975	0.000975	0.00000489	0.00761	0.00108	0.0135	0.0166	0.0000049	15.4	0.0000165	0.000212
2097 Mar	54.1	0.0739	0.0105	0.00105	11.9	0.0371	7.02	0.000978	0.000978	0.0000049	0.00762	0.00109	0.0135	0.0166	0.00000492	15.4	0.0000165	0.000213
2097 Apr	55	0.0752	0.0107	0.00107	12.1	0.0378	7.14	0.000994	0.000994	0.00000498	0.00775	0.00111	0.0138	0.0169	0.000005	15.7	0.0000168	0.000217
2097 May	61.7	0.0787	0.0124	0.00109	13.7	0.0372	7.51	0.00103	0.00103	0.00000515	0.00791	0.00124	0.0136	0.0207	0.00000516	18.6	0.0000179	0.000253
2097 Jun	73.6	0.0639	0.0203	0.00111	17.2	0.0261	7.06	0.001	0.001	0.00000503	0.00702	0.00146	0.0108	0.0298	0.00000504	24.7	0.0000198	0.000342
2097 Jul	81.2	0.0672	0.0215	0.00126	18.7	0.0299	7.64	0.00116	0.00116	0.00000583	0.00807	0.00165	0.0123	0.0328	0.00000584	27.3	0.0000227	0.00038
2097 Aug	82.1	0.0659	0.0205	0.0013	18.6	0.0328	7.77	0.00123	0.00123	0.00000615	0.00839	0.0017	0.013	0.033	0.00000616	27.5	0.0000228	0.000382
2097 Sep	80.7	0.0658	0.0192	0.0013	18.1	0.0345	7.83	0.00124	0.00124	0.00000619	0.00843	0.00168	0.0135	0.032	0.0000062	26.8	0.0000222	0.000371
2097 Oct	73.8	0.0657	0.0167	0.00121	16.4	0.0347	7.72	0.00115	0.00115	0.00000576	0.008	0.00153	0.0133	0.0282	0.00000578	24	0.0000201	0.000329
2097 Nov	70.4	0.0666	0.0155	0.00116	15.6	0.0349	7.65	0.00111	0.00111	0.00000556	0.00781	0.00146	0.0133	0.0264	0.00000557	22.6	0.0000191	0.000309
2097 Dec	70.3	0.0668	0.0154	0.00116	15.6	0.0349	7.66	0.00111	0.00111	0.00000555	0.00781	0.00145	0.0133	0.0263	0.00000557	22.6	0.0000191	0.000308
2098 Jan	70.3	0.0668	0.0154	0.00116	15.6	0.035	7.66	0.00111	0.00111	0.00000555	0.00781	0.00145	0.0133	0.0263	0.00000557	22.6	0.0000191	0.000308
2098 Feb	70.4	0.0668	0.0154	0.00116	15.6	0.035	7.67	0.00111	0.00111	0.00000556	0.00782	0.00145	0.0133	0.0263	0.00000557	22.6	0.0000191	0.000308
2098 Mar	70.5	0.0669	0.0154	0.00116	15.6	0.035	7.68	0.00111	0.00111	0.00000556	0.00783	0.00146	0.0133	0.0264	0.00000558	22.6	0.0000191	0.000309
2098 Apr	71.3	0.0679	0.0155	0.00117	15.8	0.0353	7.78	0.00112	0.00112	0.0000056	0.00788	0.00147	0.0134	0.0268	0.00000562	22.9	0.0000193	0.000312
2098 May	78.4	0.0705	0.0189	0.00113	17.9	0.031	8.03	0.00108	0.00108	0.00000539	0.00747	0.00159	0.0122	0.0316	0.0000054	26.4	0.0000197	0.000356
2098 Jun	69.1	0.0511	0.0213	0.00109	16.5	0.0219	6.24	0.000949	0.000949	0.00000476	0.00631	0.00136	0.00967	0.0282	0.00000477	23.2	0.0000188	0.000326
2098 Jul	77.3	0.0548	0.023	0.00127	18.1	0.026	6.85	0.00113	0.00113	0.00000564	0.00753	0.00155	0.0114	0.0313	0.00000565	25.8	0.0000223	0.000367
2098 Aug	71.1	0.0494	0.0188	0.0012	16.1	0.0288	6.54	0.00111	0.00111	0.00000556	0.00731	0.00148	0.0118	0.0282	0.00000557	23.5	0.00002	0.000334
2098 Sep	59.4	0.0578	0.0134	0.00105	13.4	0.0332	6.57	0.000985	0.000985	0.00000493	0.0068	0.00123	0.0124	0.0213	0.00000494	18.6	0.0000153	0.000258
2098 Oct	56	0.0756	0.012	0.00103	13	0.0368	7.04	0.000938	0.000938	0.0000047	0.00701	0.00111	0.0129	0.0182	0.00000472	16.6	0.0000143	0.00022
2098 Nov	56	0.0792	0.0121	0.00105	13.2	0.0375	7.18	0.000938	0.000938	0.0000047	0.00709	0.00109	0.013	0.0178	0.00000472	16.3	0.0000144	0.000214
2098 Dec	56.1	0.0794	0.0121	0.00105	13.2	0.0376	7.2	0.00094	0.00094	0.00000471	0.0071	0.00109	0.013	0.0178	0.00000473	16.3	0.0000144	0.000215
2099 Jan	56.1	0.0794	0.0121	0.00105	13.2	0.0376	7.21	0.00094	0.00094	0.00000471	0.0071	0.00109	0.013	0.0178	0.00000473	16.3	0.0000144	0.000215
2099 Feb	56.1	0.0795	0.0121	0.00105	13.2	0.0376	7.21	0.000941	0.000941	0.00000472	0.00711	0.00109	0.013	0.0178	0.00000473	16.3	0.0000144	0.000215
2099 Mar	56.4	0.0799	0.0122	0.00106	13.3	0.0378	7.25	0.000946	0.000946	0.00000474	0.00715	0.0011	0.0131	0.0179	0.00000476	16.4	0.0000145	0.000216
2099 Apr	58.8	0.0827	0.0126	0.00108	13.9	0.0386	7.5	0.000968	0.000968	0.00000485	0.00731	0.00115	0.0133	0.019	0.00000487	17.3	0.0000149	0.000227
2099 May	82.6	0.0792	0.0225	0.00106	20.1	0.0268	8.19	0.000958	0.000958	0.0000048	0.00652	0.0016	0.0103	0.035	0.00000481	28.9	0.0000178	0.000376
2099 Jun	80	0.0642	0.0234	0.00109	19.2	0.023	7.41	0.000975	0.000975	0.00000489	0.0065	0.00157	0.0099	0.034	0.00000489	27.8	0.0000194	0.000377
2099 Jul	88.2	0.0679	0.0246	0.00123	20.7	0.0268	8.14	0.00113	0.00113	0.00000566	0.00757	0.00176	0.0115	0.0373	0.00000567	30.5	0.0000224	0.000417
2099 Aug	91.5	0.0698	0.024	0.00132	21.2	0.0315	8.66	0.00123	0.00123	0.00000616	0.00813	0.00186	0.013	0.0381	0.00000617	31.5	0.0000228	0.000429
2099 Sep	73.9	0.0623	0.0172	0.00113	16.7	0.033	7.73	0.00108	0.00108	0.0000054	0.00718	0.00151	0.0128	0.0289	0.00000542	24.5	0.0000176	0.000332
2099 Oct	64.8	0.0702	0.014	0.00105	14.7	0.0352	7.54	0.000993	0.000993	0.00000498	0.00704	0.00131	0.0129	0.0234	0.00000499	20.5	0.0000156	0.000273
2099 Nov	61.5	0.0756	0.0132	0.00103	14	0.0362	7.56	0.000958	0.000958	0.0000048	0.00705	0.00123	0.013	0.0213	0.00000482	18.9	0.000015	0.00025
2099 Dec	61.6	0.0757	0.0132	0.00103	14.1	0.0363	7.58	0.00096	0.00096	0.00000481	0.00706	0.00123	0.013	0.0213	0.00000483	18.9	0.000015	0.00025
2100 Jan	61.6	0.0757	0.0132	0.00103	14.1	0.0363	7.58	0.00096	0.00096	0.00000481	0.00706	0.00123	0.013	0.0213	0.00000483	19	0.000015	0.00025
2100 Feb	61.6	0.0757	0.0132	0.00103	14.1	0.0363	7.59	0.00096	0.00096	0.00000481	0.00706	0.00123	0.013	0.0213	0.00000483	19	0.000015	0.00025
2100 Mar	61.7	0.0758	0.0132	0.00103	14.1	0.0363	7.6	0.000961	0.000961	0.00000482	0.00707	0.00123	0.013	0.0213	0.00000483	19	0.000015	0.000251
2100 Apr	62.9	0.0773	0.0135	0.00105	14.4	0.037	7.74	0.00098	0.00098	0.00000491	0.00721	0.00125	0.0133	0.0217	0.00000492	19.3	0.0000153	0.000255
2100 May	72.7	0.0766	0.0166	0.00105	16.7	0.0324	8.12	0.000992	0.000992	0.00000497	0.00712	0.00144	0.0123	0.028	0.00000498	23.9	0.0000174	0.000316
2100 Jun	66.1	0.0493	0.0201	0.00107	15.6	0.022	6.09	0.000931	0.000931	0.00000467	0.00626	0.0013	0.00973	0.0265	0.00000468	21.9	0.0000185	0.000311
2100 Jul	64.7	0.044	0.0186	0.00112	14.6	0.0235	5.88	0.00101	0.00101	0.00000506	0.00691	0.00131	0.0106	0.0253	0.00000507	21	0.0000204	0.000308
2100 Aug	58.2	0.0389	0.015	0.00106	12.7	0.0275	5.78	0.000986	0.000986	0.00000494	0.0065	0.00123	0.0113	0.0218	0.00000495	18.5	0.0000168	0.000266

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2100 Sep	56.2	0.0419	0.0134	0.00105	12.3	0.0317	6.02	0.000987	0.000987	0.00000494	0.0064	0.00119	0.0123	0.02	0.00000495	17.4	0.0000145	0.000248
2100 Oct	56.4	0.0467	0.0128	0.00105	12.4	0.0332	6.32	0.000987	0.000987	0.00000494	0.00651	0.00118	0.0127	0.0196	0.00000496	17.3	0.0000142	0.000243
2100 Nov	56.6	0.0479	0.0129	0.00106	12.4	0.0336	6.41	0.00099	0.00099	0.00000496	0.00655	0.00119	0.0128	0.0196	0.00000497	17.3	0.0000142	0.000243
2100 Dec	56.8	0.048	0.0129	0.00106	12.5	0.0337	6.43	0.000993	0.000993	0.00000497	0.00657	0.00119	0.0129	0.0196	0.00000499	17.3	0.0000143	0.000244
2101 Jan	56.8	0.048	0.0129	0.00106	12.5	0.0337	6.44	0.000993	0.000993	0.00000497	0.00657	0.00119	0.0129	0.0196	0.00000499	17.4	0.0000143	0.000244
2101 Feb	56.9	0.0481	0.0129	0.00106	12.5	0.0337	6.45	0.000993	0.000993	0.00000498	0.00658	0.00119	0.0129	0.0196	0.00000499	17.4	0.0000143	0.000244
2101 Mar	56.9	0.0481	0.0129	0.00106	12.5	0.0338	6.46	0.000994	0.000994	0.00000498	0.00658	0.00119	0.0129	0.0197	0.00000499	17.4	0.0000143	0.000244
2101 Apr	57.6	0.0487	0.0131	0.00107	12.6	0.0342	6.53	0.00101	0.00101	0.00000504	0.00666	0.00121	0.0131	0.0199	0.00000505	17.6	0.0000145	0.000247
2101 May	69.7	0.0576	0.018	0.00109	16	0.0303	7.29	0.00101	0.00101	0.00000506	0.0067	0.00141	0.0121	0.027	0.00000507	22.9	0.0000167	0.000314
2101 Jun	72	0.0544	0.0213	0.0011	17.1	0.0234	6.68	0.000971	0.000971	0.00000487	0.00645	0.00142	0.0102	0.0295	0.00000488	24.3	0.0000188	0.000338
2101 Jul	82.1	0.0604	0.0239	0.00129	19.2	0.0274	7.54	0.00115	0.00115	0.00000575	0.00764	0.00163	0.0119	0.0333	0.00000576	27.5	0.0000223	0.000387
2101 Aug	90.5	0.0661	0.0256	0.00143	21.1	0.0319	8.36	0.00129	0.00129	0.00000647	0.00855	0.00182	0.0136	0.0366	0.00000648	30.3	0.0000244	0.000425
2101 Sep	73.4	0.0594	0.0174	0.00118	16.5	0.0323	7.33	0.00112	0.00112	0.00000562	0.00758	0.00151	0.013	0.0284	0.00000563	24.1	0.0000195	0.000337
2101 Oct	69.2	0.0645	0.0156	0.00113	15.5	0.0337	7.43	0.00107	0.00107	0.00000537	0.00749	0.00141	0.0131	0.0258	0.00000539	22.2	0.0000182	0.000307
2101 Nov	64.1	0.0703	0.014	0.00107	14.3	0.0348	7.55	0.001	0.001	0.00000501	0.00728	0.00128	0.0132	0.0225	0.00000503	19.8	0.0000167	0.00027
2101 Dec	63.8	0.0711	0.0138	0.00107	14.3	0.035	7.56	0.000999	0.000999	0.000005	0.00729	0.00127	0.0132	0.0224	0.00000502	19.7	0.0000166	0.000268
2102 Jan	63.8	0.0711	0.0138	0.00107	14.3	0.035	7.57	0.000999	0.000999	0.000005	0.00729	0.00127	0.0132	0.0224	0.00000502	19.7	0.0000166	0.000268
2102 Feb	63.9	0.0711	0.0139	0.00107	14.3	0.035	7.57	0.000999	0.000999	0.00000501	0.0073	0.00127	0.0132	0.0224	0.00000502	19.7	0.0000166	0.000268
2102 Mar	64	0.0712	0.0139	0.00107	14.3	0.0351	7.58	0.001	0.001	0.00000501	0.00731	0.00128	0.0132	0.0224	0.00000503	19.8	0.0000166	0.000268
2102 Apr	64.5	0.0718	0.014	0.00108	14.4	0.0354	7.65	0.00101	0.00101	0.00000506	0.00737	0.00129	0.0134	0.0226	0.00000507	19.9	0.0000168	0.000271
2102 May	67.3	0.0749	0.0146	0.00112	15	0.0369	7.97	0.00105	0.00105	0.00000527	0.00768	0.00134	0.0139	0.0236	0.00000529	20.8	0.0000175	0.000282
2102 Jun	47.7	0.0352	0.0127	0.00107	9.98	0.0256	4.75	0.000964	0.000964	0.00000483	0.00697	0.000986	0.0114	0.0153	0.00000484	13.5	0.000019	0.000219
2102 Jul	44.2	0.021	0.0121	0.00115	8.65	0.0241	3.62	0.00105	0.00105	0.00000526	0.00751	0.000969	0.0113	0.0137	0.00000526	12	0.0000217	0.000218
2102 Aug	45.7	0.0221	0.0112	0.00118	8.9	0.0277	3.83	0.00111	0.00111	0.00000553	0.00772	0.00104	0.0121	0.0144	0.00000554	12.6	0.0000211	0.000221
2102 Sep	45.9	0.0285	0.0101	0.00114	9.14	0.0305	4.1	0.00109	0.00109	0.00000544	0.00755	0.00105	0.0123	0.0144	0.00000545	12.9	0.000019	0.000216
2102 Oct	45.7	0.0488	0.00916	0.00104	9.82	0.0331	4.73	0.000983	0.000983	0.00000492	0.00714	0.001	0.0119	0.0143	0.00000493	13	0.0000159	0.000197
2102 Nov	46.1	0.0502	0.0091	0.00104	9.93	0.0336	4.8	0.000989	0.000989	0.00000495	0.0072	0.00101	0.012	0.0144	0.00000496	13.1	0.000016	0.000198
2102 Dec	46.2	0.0503	0.00911	0.00104	9.95	0.0336	4.82	0.00099	0.00099	0.00000496	0.00722	0.00101	0.0121	0.0144	0.00000497	13.2	0.000016	0.000199
2103 Jan	46.2	0.0503	0.00911	0.00104	9.95	0.0336	4.82	0.000991	0.000991	0.00000496	0.00722	0.00101	0.0121	0.0144	0.00000497	13.2	0.000016	0.000199
2103 Feb	46.3	0.0504	0.00912	0.00104	9.96	0.0337	4.82	0.000992	0.000992	0.00000496	0.00723	0.00101	0.0121	0.0144	0.00000497	13.2	0.0000161	0.000199
2103 Mar	46.4	0.0505	0.00914	0.00105	9.99	0.0337	4.83	0.000994	0.000994	0.00000498	0.00724	0.00102	0.0121	0.0145	0.00000498	13.2	0.0000161	0.000199
2103 Apr	46.9	0.0511	0.00925	0.00106	10.1	0.0341	4.89	0.00101	0.00101	0.00000503	0.00733	0.00103	0.0123	0.0147	0.00000504	13.4	0.0000163	0.000202
2103 May	60.5	0.0582	0.014	0.00108	13.5	0.0315	6.2	0.00102	0.00102	0.0000051	0.00726	0.00126	0.012	0.022	0.00000511	19	0.0000178	0.00027
2103 Jun	66.9	0.0493	0.0197	0.00106	15.6	0.022	6.09	0.000945	0.000945	0.00000474	0.00639	0.00133	0.00981	0.027	0.00000475	22.3	0.000019	0.000317
2103 Jul	63.8	0.0416	0.0176	0.00113	14.2	0.0249	5.75	0.00104	0.00104	0.00000518	0.00698	0.00133	0.0106	0.025	0.00000519	20.7	0.00002	0.000302
2103 Aug	52.9	0.0286	0.0127	0.00109	11.3	0.0311	5.15	0.00104	0.00104	0.00000519	0.00637	0.00124	0.0105	0.0201	0.0000052	16.7	0.0000149	0.000227
2103 Sep	51.2	0.0458	0.0116	0.00106	11.5	0.0345	5.55	0.000987	0.000987	0.00000494	0.00642	0.00115	0.0112	0.0181	0.00000495	15.6	0.0000133	0.000206
2103 Oct	51.5	0.0717	0.0111	0.00105	12.4	0.0372	6	0.000945	0.000945	0.00000474	0.00687	0.00107	0.0117	0.0169	0.00000475	15.2	0.0000134	0.000197
2103 Nov	51.9	0.0767	0.0111	0.00105	12.6	0.0378	6.07	0.000944	0.000944	0.00000473	0.00701	0.00106	0.0118	0.0169	0.00000474	15.2	0.0000136	0.000197
2103 Dec	52	0.0768	0.0111	0.00105	12.7	0.0379	6.09	0.000945	0.000945	0.00000474	0.00701	0.00106	0.0118	0.0169	0.00000475	15.3	0.0000136	0.000197
2104 Jan	52	0.0768	0.0111	0.00105	12.7	0.0379	6.09	0.000945	0.000945	0.00000474	0.00702	0.00106	0.0118	0.0169	0.00000475	15.3	0.0000136	0.000197
2104 Feb	52	0.0768	0.0111	0.00105	12.7	0.0379	6.09	0.000946	0.000946	0.00000474	0.00702	0.00106	0.0118	0.0169	0.00000475	15.3	0.0000136	0.000198
2104 Mar	52.1	0.077	0.0111	0.00105	12.7	0.038	6.1	0.000948	0.000948	0.00000475	0.00704	0.00107	0.0119	0.0169	0.00000476	15.3	0.0000136	0.000198
2104 Apr	53.1	0.0784	0.0113	0.00107	12.9	0.0387	6.22	0.000966	0.000966	0.00000484	0.00717	0.00109	0.0121	0.0172	0.00000485	15.6	0.0000139	0.000202
2104 May	67.4	0.0766	0.0162	0.00107	16.2	0.0326	6.96	0.000987	0.000987	0.00000494	0.00707	0.00136	0.0112	0.026	0.00000495	22.1	0.0000167	0.000291
2104 Jun	68.8	0.0534	0.0203	0.00106	16.3	0.0223	6.2	0.00094	0.00094	0.00000471	0.00634	0.00136	0.00957	0.0282	0.00000472	23.2	0.0000186	0.000325
2104 Jul	70.5	0.0505	0.0194	0.00114	16.1	0.025	6.21	0.00105	0.00105	0.00000527	0.00714	0.00145	0.0106	0.0287	0.00000528	23.6	0.0000207	0.000336
2104 Aug	67.6	0.0473	0.0173	0.00115	15.2	0.0284	6.11	0.00108	0.00108	0.00000542	0.00716	0.00144	0.0112	0.027	0.00000543	22.4	0.0000193	0.000317
2104 Sep	59.1	0.0486	0.0137	0.00106	13.3	0.0319	5.85	0.00101	0.00101	0.00000506	0.00666	0.00127	0.0116	0.0221	0.00000507	19	0.0000154	0.000265
2104 Oct	55.8	0.0642	0.0124	0.00104	12.9	0.0351	6.17	0.000963	0.000963	0.00000483	0.00681	0.00116	0.0121	0.0193	0.00000484	17.1	0.0000142	0.000232
2104 Nov	55.5	0.069	0.0125	0.00105	13.1	0.036	6.27	0.00096	0.00096	0.00000481	0.00691	0.00114	0.0122	0.0188	0.00000482	16.8	0.0000142	0.000226
2104 Dec	55.6	0.0691	0.0125	0.00105	13.1	0.036	6.28	0.000961	0.000961	0.00000482	0.00692	0.00114	0.0122	0.0188	0.00000483	16.8	0.0000142	0.000227
2105 Jan	55.6	0.0691	0.0125	0.00105	13.1	0.036	6.28	0.000961	0.000961	0.00000482	0.00692	0.00114	0.0122	0.0188	0.00000483	16.8	0.0000142	0.000227
2105 Feb	55.6	0.0691	0.0125	0.00105	13.1	0.036	6.28	0.000962	0.000962	0.00000482	0.00692	0.00114	0.0122	0.0189	0.00000483	16.8	0.0000142	0.000227
2105 Mar	55.7	0.0692	0.0125	0.00105	13.1	0.0361	6.29	0.000963	0.000963	0.00000482	0.00693	0.00114	0.0122	0.0189	0.00000484	16.8	0.0000142	0.000227
2105 Apr	56.2	0.0699	0.0126	0.00106	13.2	0.0364	6.36	0.000973	0.000973	0.00000487	0.007	0.00115	0.0123	0.0191	0.00000489	17	0.0000144	0.000229
2105 May	68	0.0713	0.0169	0.00107	16.1	0.0317	7.05	0.000984	0.000984	0.00000493	0.00693	0.00136	0.0115	0.0262	0.00000494	22.3	0.0000167	0.000299
2105 Jun	79	0.0664	0.0223	0.00111	18.8	0.0253	7.36	0.00101	0.00101	0.00000504	0.00681	0.00156	0.0104	0.033	0.00000505	27.2	0.0000195	0.00037
2105 Jul	81.5	0.0653	0.0219	0.00118	19.1	0.0282	7.54	0.0011	0.0011	0.0000055	0.00733	0.00166	0.0111	0.0341	0.0000055	28.1	0.0000205	0.00038
2105 Aug	64	0.0487	0.0157	0.00106	14.7	0.0315	6.39	0.00101	0.00101	0.00000503	0.0063	0.00137	0.0111	0.0253	0.00000504	21.2	0.0000145	0.000283
2105 Sep	55.2	0.0564	0.0125	0.00104	13.1	0.0363	6.2	0.000955	0.000955	0.00000479	0.00616	0.00115	0.0123	0.0191	0.0000048	17	0.0000113	0.000226
2105 Oct	54.2	0.0709	0.0117	0.00104	13	0.0375	6.51	0.000934	0.000934	0.00000468	0.00661	0.00109	0.0125	0.0177	0.0000047	16.1	0.0000124	0.000211
2105 Nov	53.8	0.0757	0.0111	0.00103	13	0.038	6.49	0.000931	0.000931	0.00000467	0.00678	0.00107	0.0124	0.0174	0.00000468	15.8	0.0000127	0.000206
2105 Dec	53.8	0.0758	0.0111	0.00103	13	0.038	6.5	0.000932	0.000932	0.00000467	0.00678	0.00107	0.0124	0.0174	0.00000468	15.8	0.0000127	0.000207
2106 Jan	53.8	0.0758	0.0111	0.00103	13	0.038	6.5	0.000932	0.000932	0.00000467	0.00678	0.00107	0.0124	0.0174	0.00000468	15.9	0.0000127	0.000207
2106 Feb	53.8	0.0758	0.0111	0.00103	13	0.038	6.5	0.000932	0.000932	0.00000467	0.00678	0.00107	0.0124	0.0174	0.00000468	15.9	0.0000127	0.000207
2106 Mar	53.9	0.0759	0.0111	0.00103	13	0.038	6.51	0.000933	0.000933	0.00000468	0.00679	0.00107	0.0124	0.0174	0.00000469	15.9	0.0000127	0.000207

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Apr	54.6	0.0769	0.0112	0.00105	13.2	0.0386	6.6	0.000946	0.000946	0.00000474	0.00688	0.00109	0.0126	0.0176	0.00000475	16.1	0.0000129	0.00021
2106 May	61	0.0796	0.0128	0.00107	14.5	0.0379	7.06	0.000982	0.000982	0.00000492	0.00713	0.00122	0.0127	0.0211	0.00000493	18.8	0.0000144	0.000245
2106 Jun	61	0.0458	0.0172	0.00106	13.9	0.0233	5.54	0.000955	0.000955	0.00000479	0.00664	0.00123	0.0102	0.0235	0.00000479	19.7	0.0000191	0.000288
2106 Jul	58.6	0.0365	0.0151	0.00116	12.4	0.0258	5.06	0.00108	0.00108	0.00000542	0.00754	0.00125	0.0113	0.0217	0.00000543	18.3	0.0000216	0.000282
2106 Aug	51.1	0.0294	0.0118	0.00109	10.7	0.0302	4.91	0.00104	0.00104	0.0000052	0.00674	0.00117	0.0113	0.0183	0.00000521	15.6	0.0000164	0.000228
2106 Sep	49.4	0.0428	0.0105	0.00103	10.9	0.0352	5.5	0.000975	0.000975	0.00000488	0.0063	0.00109	0.0123	0.0163	0.00000489	14.6	0.0000122	0.000204
2106 Oct	50.9	0.0557	0.0106	0.00104	11.5	0.0369	6	0.000964	0.000964	0.00000483	0.00655	0.00108	0.0126	0.0163	0.00000484	14.8	0.0000124	0.000202
2106 Nov	51.4	0.0564	0.0106	0.00105	11.6	0.0373	6.06	0.000971	0.000971	0.00000486	0.0066	0.00108	0.0127	0.0165	0.00000488	15	0.0000125	0.000203
2106 Dec	51.4	0.0564	0.0107	0.00105	11.7	0.0373	6.07	0.000972	0.000972	0.00000487	0.00661	0.00109	0.0127	0.0165	0.00000488	15	0.0000125	0.000204
2107 Jan	51.4	0.0564	0.0107	0.00105	11.7	0.0373	6.07	0.000972	0.000972	0.00000487	0.00661	0.00109	0.0128	0.0165	0.00000488	15	0.0000125	0.000204
2107 Feb	51.5	0.0565	0.0107	0.00105	11.7	0.0373	6.07	0.000973	0.000973	0.00000487	0.00661	0.00109	0.0128	0.0165	0.00000489	15	0.0000125	0.000204
2107 Mar	51.6	0.0566	0.0107	0.00105	11.7	0.0374	6.09	0.000976	0.000976	0.00000489	0.00663	0.00109	0.0128	0.0165	0.0000049	15	0.0000126	0.000204
2107 Apr	52	0.057	0.0108	0.00106	11.8	0.0377	6.13	0.000983	0.000983	0.00000492	0.00668	0.0011	0.0129	0.0166	0.00000494	15.1	0.0000126	0.000206
2107 May	59.5	0.0606	0.0137	0.00107	13.7	0.035	6.55	0.000992	0.000992	0.00000497	0.00673	0.00123	0.0124	0.0211	0.00000498	18.4	0.0000143	0.000249
2107 Jun	75.4	0.0611	0.0204	0.00108	17.7	0.025	6.87	0.001	0.001	0.00000501	0.00676	0.00151	0.0103	0.0315	0.00000502	25.9	0.0000193	0.000356
2107 Jul	70.9	0.0524	0.0181	0.00111	16.1	0.0271	6.41	0.00105	0.00105	0.00000525	0.00696	0.00149	0.0105	0.0293	0.00000526	24.1	0.0000191	0.000332
2107 Aug	73.4	0.0522	0.0181	0.0012	16.5	0.0312	6.74	0.00115	0.00115	0.00000573	0.00744	0.00158	0.0115	0.0301	0.00000574	24.8	0.0000195	0.000338
2107 Sep	67.7	0.0554	0.0152	0.00114	15.1	0.0336	6.65	0.0011	0.0011	0.00000552	0.00731	0.00146	0.0118	0.0266	0.00000553	22.3	0.0000177	0.0003
2107 Oct	62.3	0.0627	0.0133	0.00108	14	0.0351	6.73	0.00103	0.00103	0.00000518	0.00717	0.00132	0.012	0.023	0.00000519	19.8	0.0000161	0.000262
2107 Nov	61.2	0.0658	0.0129	0.00107	13.8	0.0357	6.82	0.00102	0.00102	0.0000051	0.00718	0.00129	0.0121	0.0221	0.00000511	19.2	0.0000158	0.000253
2107 Dec	61.3	0.0658	0.013	0.00107	13.8	0.0357	6.83	0.00102	0.00102	0.0000051	0.00718	0.00129	0.0122	0.0222	0.00000511	19.2	0.0000158	0.000253
2108 Jan	61.3	0.0659	0.013	0.00107	13.8	0.0357	6.83	0.00102	0.00102	0.0000051	0.00719	0.00129	0.0122	0.0222	0.00000512	19.2	0.0000158	0.000253
2108 Feb	61.4	0.0659	0.013	0.00107	13.8	0.0357	6.84	0.00102	0.00102	0.00000511	0.00719	0.00129	0.0122	0.0222	0.00000512	19.2	0.0000158	0.000253
2108 Mar	61.6	0.0661	0.013	0.00108	13.8	0.0359	6.86	0.00102	0.00102	0.00000512	0.00721	0.00129	0.0122	0.0223	0.00000514	19.3	0.0000159	0.000254
2108 Apr	63.2	0.0679	0.0134	0.00111	14.2	0.0368	7.04	0.00105	0.00105	0.00000526	0.0074	0.00133	0.0125	0.0229	0.00000527	19.8	0.0000163	0.000261
2108 May	67.4	0.0722	0.0142	0.00116	15.2	0.0386	7.47	0.00111	0.00111	0.00000554	0.0078	0.00141	0.0132	0.0246	0.00000555	21.2	0.0000172	0.000279
2108 Jun	54.3	0.0414	0.0136	0.00105	11.6	0.0255	4.99	0.000985	0.000985	0.00000493	0.0071	0.00115	0.0108	0.0196	0.00000494	16.7	0.0000196	0.000256
2108 Jul	57.9	0.0386	0.0144	0.00121	11.9	0.0282	5.04	0.00115	0.00115	0.00000575	0.00829	0.00125	0.0124	0.0204	0.00000575	17.4	0.0000234	0.00028
2108 Aug	64.8	0.043	0.0154	0.00137	13.3	0.0331	5.66	0.0013	0.0013	0.00000653	0.00931	0.00141	0.0142	0.0227	0.00000653	19.5	0.0000256	0.000312
2108 Sep	61.2	0.044	0.0133	0.00129	12.5	0.0337	5.55	0.00125	0.00125	0.00000623	0.00888	0.00134	0.0139	0.0211	0.00000624	18.3	0.0000234	0.000289
2108 Oct	52.4	0.0635	0.0101	0.00106	11.4	0.0349	5.63	0.00101	0.00101	0.00000507	0.00768	0.0011	0.0125	0.017	0.00000508	15.3	0.0000174	0.000222
2108 Nov	52.3	0.0687	0.00989	0.00105	11.6	0.0358	5.74	0.000999	0.000999	0.000005	0.00768	0.00109	0.0125	0.0168	0.00000501	15.2	0.0000169	0.000218
2108 Dec	52.3	0.0688	0.0099	0.00105	11.6	0.0359	5.75	0.001	0.001	0.00000501	0.00769	0.00109	0.0125	0.0168	0.00000502	15.3	0.000017	0.000218
2109 Jan	52.4	0.0688	0.0099	0.00105	11.6	0.0359	5.75	0.001	0.001	0.00000501	0.00769	0.0011	0.0125	0.0168	0.00000502	15.3	0.000017	0.000218
2109 Feb	52.4	0.0689	0.00991	0.00105	11.6	0.0359	5.75	0.001	0.001	0.00000501	0.00769	0.0011	0.0125	0.0168	0.00000502	15.3	0.000017	0.000218
2109 Mar	52.6	0.0691	0.00994	0.00106	11.7	0.036	5.77	0.001	0.001	0.00000503	0.00772	0.0011	0.0125	0.0169	0.00000504	15.3	0.000017	0.000219
2109 Apr	53.5	0.0703	0.0101	0.00108	11.9	0.0366	5.88	0.00102	0.00102	0.00000512	0.00786	0.00112	0.0128	0.0172	0.00000513	15.6	0.0000173	0.000223
2109 May	64.4	0.0718	0.0148	0.00109	14.8	0.0329	6.54	0.00102	0.00102	0.00000513	0.00758	0.00131	0.0119	0.0238	0.00000514	20.5	0.0000184	0.000285
2109 Jun	81.2	0.0687	0.0217	0.00111	19.2	0.0254	7.23	0.00104	0.00104	0.0000052	0.00714	0.00163	0.0103	0.0346	0.0000052	28.4	0.0000207	0.000388
2109 Jul	78.1	0.0609	0.0199	0.00114	18	0.0276	7	0.00109	0.00109	0.00000545	0.00733	0.00162	0.0107	0.033	0.00000546	27	0.0000205	0.000369
2109 Aug	77	0.0559	0.0187	0.0012	17.4	0.0317	7.14	0.00116	0.00116	0.0000058	0.00753	0.00165	0.0115	0.0319	0.00000581	26.2	0.0000198	0.000352
2109 Sep	66.6	0.0569	0.0148	0.00111	14.9	0.0339	6.89	0.00106	0.00106	0.00000531	0.00702	0.00142	0.0118	0.0258	0.00000532	21.7	0.0000164	0.000287
2109 Oct	57.7	0.0742	0.0125	0.00104	13.4	0.0368	6.87	0.000955	0.000955	0.00000478	0.007	0.00117	0.0122	0.0196	0.0000048	17.4	0.0000143	0.000226
2109 Nov	58	0.0765	0.0127	0.00105	13.5	0.0374	6.95	0.000962	0.000962	0.00000482	0.0071	0.00117	0.0124	0.0195	0.00000483	17.4	0.0000145	0.000225
2109 Dec	58.1	0.0766	0.0127	0.00105	13.6	0.0375	6.97	0.000963	0.000963	0.00000483	0.00711	0.00118	0.0124	0.0196	0.00000484	17.4	0.0000145	0.000226
2110 Jan	58.1	0.0767	0.0127	0.00106	13.6	0.0375	6.97	0.000964	0.000964	0.00000483	0.00712	0.00118	0.0124	0.0196	0.00000484	17.4	0.0000145	0.000226
2110 Feb	58.2	0.0767	0.0127	0.00106	13.6	0.0375	6.98	0.000965	0.000965	0.00000483	0.00713	0.00118	0.0124	0.0196	0.00000485	17.4	0.0000145	0.000226
2110 Mar	58.3	0.0769	0.0128	0.00106	13.6	0.0376	7	0.000967	0.000967	0.00000485	0.00714	0.00118	0.0124	0.0196	0.00000486	17.5	0.0000146	0.000227
2110 Apr	59	0.0777	0.0129	0.00107	13.8	0.038	7.07	0.000977	0.000977	0.0000049	0.00722	0.00119	0.0126	0.0198	0.00000491	17.7	0.0000147	0.000229
2110 May	63.3	0.0792	0.0142	0.0011	14.7	0.0377	7.46	0.001	0.001	0.00000502	0.00736	0.00127	0.0128	0.022	0.00000504	19.3	0.0000156	0.000252
2110 Jun	66.7	0.0511	0.0183	0.00105	15.3	0.0234	6.18	0.000961	0.000961	0.00000481	0.00663	0.00133	0.0102	0.0266	0.00000482	22.1	0.0000193	0.000314
2110 Jul	64.7	0.0443	0.0167	0.00112	14.2	0.0255	5.78	0.00105	0.00105	0.00000527	0.00725	0.00135	0.0109	0.0253	0.00000528	21.1	0.0000208	0.000308
2110 Aug	48.6	0.031	0.0111	0.00104	10.8	0.0336	4.93	0.000984	0.000984	0.00000493	0.00585	0.00114	0.0108	0.0175	0.00000494	15	0.0000114	0.000199
2110 Sep	49.7	0.0571	0.0104	0.00103	11.8	0.0371	5.56	0.000946	0.000946	0.00000474	0.0063	0.00107	0.0118	0.0164	0.00000475	14.8	0.0000112	0.000195
2110 Oct	51.7	0.083	0.00998	0.00103	12.7	0.0392	6	0.000937	0.000937	0.00000469	0.00712	0.00105	0.012	0.0165	0.0000047	15.2	0.0000131	0.000196
2110 Nov	51.8	0.085	0.00996	0.00102	12.8	0.0391	6.04	0.000931	0.000931	0.00000467	0.00716	0.00104	0.012	0.0165	0.00000468	15.1	0.0000133	0.000196
2110 Dec	51.9	0.0851	0.00998	0.00103	12.8	0.0392	6.05	0.000932	0.000932	0.00000467	0.00717	0.00104	0.012	0.0165	0.00000468	15.2	0.0000133	0.000196
2111 Jan	51.9	0.0852	0.00998	0.00103	12.8	0.0392	6.06	0.000933	0.000933	0.00000467	0.00717	0.00104	0.012	0.0165	0.00000468	15.2	0.0000134	0.000196
2111 Feb	51.9	0.0852	0.00998	0.00103	12.8	0.0392	6.06	0.000933	0.000933	0.00000467	0.00717	0.00105	0.012	0.0165	0.00000469	15.2	0.0000134	0.000196
2111 Mar	52.1	0.0856	0.01	0.00103	12.8	0.0394	6.09	0.000938	0.000938	0.0000047	0.00721	0.00105	0.0121	0.0166	0.00000471	15.2	0.0000134	0.000197
2111 Apr	53.2	0.0873	0.0102	0.00105	13.1	0.0402	6.21	0.000956	0.000956	0.00000479	0.00735	0.00107	0.0123	0.0169	0.0000048	15.5	0.0000137	0.000201
2111 May	61.2	0.0867	0.0131	0.00108	14.9	0.0379	6.65	0.000991	0.000991	0.00000497	0.00745	0.00123	0.0121	0.0216	0.00000498	19	0.0000154	0.000249
2111 Jun	74.2	0.0609	0.0203	0.00107	17.5	0.0237	6.58	0.000981	0.000981	0.00000491	0.00671	0.00149	0.0098	0.0312	0.00000492	25.6	0.0000195	0.000354
2111 Jul	81.7	0.0641	0.0216	0.00121	18.9	0.0271	7.13	0.00114	0.00114	0.00000568	0.00779	0.00167	0.0113	0.0342	0.00000569	28.1	0.0000227	0.000392
2111 Aug	62.1	0.0447	0.0147	0.00107	13.9	0.0305	5.88	0.00103	0.00103	0.00000514	0.00656	0.00135	0.011	0.0244	0.00000515	20.4	0.0000158	0.00028
2111 Sep	56.5	0.0471	0.0123	0.00105	12.8	0.0352	5.87	0.000998	0.000998	0.000005	0.00627	0.00123	0.0122	0.0204	0.00000501	17.8	0.0000123	0.000242
2111 Oct	53.9	0.0624	0.0115	0.00103	12.7	0.0363	6.1	0.000945	0.000945	0.00000474	0.00646	0.00111	0.0122	0.0181	0.00000475	16.2	0.0000123	0.000216

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2111 Nov	53.8	0.0738	0.0117	0.00104	12.9	0.0375	6.29	0.000935	0.000935	0.00000469	0.00678	0.00108	0.0123	0.0174	0.0000047	15.8	0.0000129	0.000209
2111 Dec	53.9	0.0742	0.0117	0.00104	13	0.0376	6.32	0.000937	0.000937	0.0000047	0.00681	0.00108	0.0123	0.0174	0.00000471	15.8	0.0000129	0.000209
2112 Jan	53.9	0.0743	0.0117	0.00104	13	0.0376	6.32	0.000937	0.000937	0.0000047	0.00681	0.00108	0.0123	0.0174	0.00000471	15.9	0.0000129	0.000209
2112 Feb	54	0.0743	0.0117	0.00104	13	0.0377	6.32	0.000938	0.000938	0.0000047	0.00682	0.00108	0.0123	0.0175	0.00000471	15.9	0.000013	0.000209
2112 Mar	54.3	0.0748	0.0118	0.00105	13.1	0.0379	6.36	0.000943	0.000943	0.00000473	0.00685	0.00109	0.0124	0.0176	0.00000474	16	0.000013	0.00021
2112 Apr	55.2	0.076	0.012	0.00106	13.3	0.0385	6.47	0.000959	0.000959	0.00000481	0.00697	0.00111	0.0126	0.0179	0.00000482	16.2	0.0000133	0.000214
2112 May	64.8	0.0761	0.0152	0.00108	15.5	0.0351	6.98	0.000987	0.000987	0.00000495	0.00704	0.00129	0.0121	0.0236	0.00000496	20.5	0.0000154	0.000272
2112 Jun	63.1	0.0464	0.0182	0.00102	14.6	0.0215	5.57	0.000921	0.000921	0.00000461	0.00628	0.00127	0.00943	0.0254	0.00000462	21	0.0000185	0.000301
2112 Jul	59.7	0.0375	0.0161	0.0011	12.9	0.0235	5.12	0.00102	0.00102	0.00000512	0.00713	0.00125	0.0106	0.0229	0.00000513	19.1	0.000021	0.00029
2112 Aug	61.5	0.0386	0.0154	0.00115	13.1	0.0275	5.49	0.00109	0.00109	0.00000547	0.00746	0.00131	0.0118	0.023	0.00000548	19.4	0.0000206	0.000293
2112 Sep	56.8	0.0407	0.0124	0.00108	11.9	0.0307	5.66	0.00103	0.00103	0.00000518	0.00698	0.00121	0.0123	0.02	0.00000519	17.4	0.0000171	0.000256
2112 Oct	55.5	0.0494	0.0114	0.00104	11.7	0.0326	6.13	0.00099	0.00099	0.00000496	0.00689	0.00115	0.0126	0.0186	0.00000497	16.5	0.0000158	0.000237
2112 Nov	55.7	0.0515	0.0114	0.00104	11.8	0.0332	6.26	0.000988	0.000988	0.00000495	0.00692	0.00115	0.0127	0.0185	0.00000496	16.4	0.0000157	0.000235
2112 Dec	55.8	0.0516	0.0114	0.00104	11.8	0.0332	6.27	0.00099	0.00099	0.00000496	0.00693	0.00115	0.0128	0.0185	0.00000497	16.5	0.0000157	0.000235
2113 Jan	55.8	0.0516	0.0114	0.00104	11.8	0.0332	6.28	0.00099	0.00099	0.00000496	0.00693	0.00115	0.0128	0.0185	0.00000497	16.5	0.0000157	0.000235
2113 Feb	55.8	0.0516	0.0114	0.00104	11.8	0.0333	6.28	0.00099	0.00099	0.00000496	0.00694	0.00115	0.0128	0.0185	0.00000497	16.5	0.0000157	0.000235
2113 Mar	56.3	0.0521	0.0115	0.00105	11.9	0.0336	6.34	0.000999	0.000999	0.000005	0.007	0.00116	0.0129	0.0187	0.00000502	16.6	0.0000159	0.000238
2113 Apr	57.3	0.0529	0.0117	0.00107	12.1	0.0341	6.44	0.00102	0.00102	0.00000509	0.00711	0.00118	0.0131	0.019	0.0000051	16.9	0.0000161	0.000241
2113 May	65.4	0.0586	0.0144	0.00108	14.2	0.0324	7.07	0.00103	0.00103	0.00000514	0.00714	0.00132	0.0127	0.0236	0.00000515	20.4	0.0000173	0.000284
2113 Jun	73.1	0.0566	0.0202	0.00107	17.1	0.0237	6.69	0.000979	0.000979	0.0000049	0.00661	0.00145	0.0101	0.0302	0.00000491	24.9	0.0000192	0.000345
2113 Jul	72.9	0.0524	0.0189	0.00113	16.6	0.0267	6.55	0.00107	0.00107	0.00000535	0.0071	0.00152	0.0107	0.03	0.00000535	24.7	0.00002	0.000343
2113 Aug	70.6	0.0481	0.0172	0.00117	15.8	0.0303	6.44	0.00112	0.00112	0.0000056	0.00722	0.00152	0.0112	0.0287	0.0000056	23.7	0.0000189	0.000325
2113 Sep	62.1	0.0517	0.0138	0.00108	13.9	0.033	6.25	0.00103	0.00103	0.00000518	0.00681	0.00134	0.0116	0.0236	0.00000519	20	0.0000157	0.00027
2113 Oct	54.5	0.0735	0.0113	0.00102	12.9	0.0362	6.15	0.000937	0.000937	0.0000047	0.0069	0.00111	0.0117	0.0184	0.00000471	16.4	0.0000139	0.000215
2113 Nov	54.5	0.0801	0.0111	0.00103	13.1	0.0375	6.25	0.000942	0.000942	0.00000472	0.00712	0.0011	0.0119	0.018	0.00000473	16.2	0.0000141	0.000212
2113 Dec	54.6	0.0802	0.0111	0.00103	13.1	0.0376	6.27	0.000944	0.000944	0.00000473	0.00713	0.0011	0.0119	0.0181	0.00000474	16.2	0.0000141	0.000212
2114 Jan	54.6	0.0802	0.0111	0.00103	13.1	0.0376	6.27	0.000944	0.000944	0.00000473	0.00714	0.0011	0.0119	0.0181	0.00000474	16.3	0.0000141	0.000212
2114 Feb	54.7	0.0803	0.0111	0.00103	13.1	0.0376	6.27	0.000945	0.000945	0.00000473	0.00714	0.0011	0.0119	0.0181	0.00000474	16.3	0.0000141	0.000212
2114 Mar	54.9	0.0806	0.0112	0.00104	13.2	0.0378	6.3	0.000949	0.000949	0.00000475	0.00717	0.00111	0.012	0.0182	0.00000477	16.3	0.0000142	0.000213
2114 Apr	55.6	0.0816	0.0113	0.00105	13.3	0.0382	6.38	0.00096	0.00096	0.00000481	0.00726	0.00112	0.0121	0.0184	0.00000482	16.5	0.0000144	0.000216
2114 May	65.7	0.0774	0.0154	0.00106	15.7	0.0331	6.89	0.00097	0.00097	0.00000486	0.00704	0.00131	0.0114	0.0246	0.00000487	21.1	0.0000163	0.000279
2114 Jun	80.9	0.0692	0.0211	0.0011	19	0.0258	7.4	0.00103	0.00103	0.00000516	0.0071	0.00161	0.0105	0.0341	0.00000516	28.1	0.0000204	0.000381
2114 Jul	90.9	0.0751	0.0231	0.00127	21	0.0301	8.22	0.0012	0.0012	0.00000601	0.00825	0.00184	0.0121	0.0383	0.00000602	31.5	0.0000235	0.000429
2114 Aug	102	0.0831	0.0252	0.00143	23.4	0.0352	9.23	0.00137	0.00137	0.00000686	0.00933	0.00207	0.0139	0.0426	0.00000687	35	0.0000261	0.000478
2114 Sep	76.3	0.0702	0.0167	0.00116	17.2	0.0344	7.57	0.00112	0.00112	0.00000563	0.00775	0.00157	0.0128	0.0299	0.00000564	25.2	0.0000191	0.000342
2114 Oct	63.6	0.0778	0.0125	0.00104	14.5	0.0362	7.03	0.000995	0.000995	0.00000498	0.00737	0.00128	0.0125	0.0227	0.00000499	19.9	0.000016	0.000264
2114 Nov	58.2	0.085	0.0108	0.000996	13.4	0.0376	6.86	0.000941	0.000941	0.00000471	0.00733	0.00116	0.0124	0.0195	0.00000472	17.5	0.0000149	0.000229
2114 Dec	58.1	0.0853	0.0107	0.000996	13.4	0.0377	6.85	0.000941	0.000941	0.00000471	0.00734	0.00116	0.0124	0.0194	0.00000472	17.5	0.0000149	0.000228
2115 Jan	58.1	0.0854	0.0107	0.000997	13.4	0.0377	6.86	0.000941	0.000941	0.00000471	0.00734	0.00116	0.0124	0.0194	0.00000473	17.5	0.0000149	0.000228
2115 Feb	58.2	0.0854	0.0107	0.000997	13.4	0.0377	6.87	0.000942	0.000942	0.00000472	0.00734	0.00116	0.0124	0.0194	0.00000473	17.5	0.0000149	0.000229
2115 Mar	58.3	0.0856	0.0108	0.001	13.5	0.0378	6.88	0.000944	0.000944	0.00000473	0.00736	0.00116	0.0124	0.0195	0.00000474	17.5	0.0000149	0.000229
2115 Apr	59.3	0.087	0.0109	0.00102	13.7	0.0384	6.99	0.000959	0.000959	0.0000048	0.00748	0.00118	0.0126	0.0198	0.00000482	17.8	0.0000152	0.000233
2115 May	68.9	0.0814	0.0155	0.00104	16.2	0.0329	7.25	0.000972	0.000972	0.00000487	0.00721	0.00136	0.0116	0.0262	0.00000488	22.4	0.000017	0.000297
2115 Jun	86.1	0.0803	0.022	0.00115	20.4	0.0291	8.06	0.00108	0.00108	0.00000541	0.00756	0.00171	0.0113	0.0362	0.00000542	29.9	0.0000209	0.0004
2115 Jul	90.1	0.0802	0.0223	0.00125	21.1	0.0327	8.35	0.00119	0.00119	0.00000596	0.00811	0.00184	0.012	0.038	0.00000597	31.3	0.0000218	0.000416
2115 Aug	66.9	0.0542	0.0154	0.00108	15.5	0.0332	6.43	0.00104	0.00104	0.0000052	0.00653	0.00145	0.0109	0.0271	0.00000521	22.6	0.0000146	0.000295
2115 Sep	61.5	0.0524	0.0133	0.00107	14.2	0.0366	6.22	0.00103	0.00103	0.00000515	0.00633	0.00134	0.012	0.0234	0.00000516	20.1	0.0000121	0.000263
2115 Oct	60.4	0.056	0.0126	0.00106	13.9	0.0374	6.43	0.00101	0.00101	0.00000507	0.00639	0.0013	0.0123	0.0222	0.00000508	19.3	0.0000119	0.000252
2115 Nov	58.3	0.0626	0.0117	0.00103	13.4	0.0379	6.64	0.000974	0.000974	0.00000488	0.00647	0.00122	0.0126	0.0203	0.00000489	18	0.0000118	0.000234
2115 Dec	58.4	0.0631	0.0118	0.00103	13.4	0.038	6.68	0.000974	0.000974	0.00000488	0.00649	0.00122	0.0126	0.0203	0.00000489	18	0.0000119	0.000234
2116 Jan	58.5	0.0631	0.0118	0.00103	13.4	0.0381	6.68	0.000975	0.000975	0.00000488	0.00649	0.00122	0.0126	0.0203	0.00000489	18	0.0000119	0.000234
2116 Feb	58.5	0.0632	0.0118	0.00103	13.4	0.0381	6.69	0.000976	0.000976	0.00000489	0.0065	0.00122	0.0127	0.0203	0.0000049	18	0.0000119	0.000234
2116 Mar	58.7	0.0634	0.0118	0.00103	13.4	0.0382	6.71	0.000978	0.000978	0.0000049	0.00652	0.00122	0.0127	0.0203	0.00000491	18	0.0000119	0.000235
2116 Apr	59.6	0.0643	0.012	0.00105	13.6	0.0388	6.81	0.000993	0.000993	0.00000497	0.00662	0.00124	0.0129	0.0207	0.00000499	18.3	0.0000121	0.000239
2116 May	68	0.067	0.015	0.00106	15.6	0.0351	7.36	0.001	0.001	0.00000502	0.00673	0.00138	0.0124	0.0255	0.00000504	21.9	0.0000145	0.000288
2116 Jun	66.2	0.0493	0.0187	0.00103	15.5	0.0221	5.91	0.000935	0.000935	0.00000468	0.00632	0.00132	0.00957	0.0269	0.00000469	22.2	0.0000185	0.000314
2116 Jul	71.8	0.0495	0.0193	0.00119	16.1	0.0252	6.15	0.0011	0.0011	0.00000553	0.0076	0.00147	0.0112	0.0288	0.00000553	23.8	0.0000225	0.000348
2116 Aug	75.9	0.0523	0.0194	0.00128	16.9	0.0291	6.53	0.00121	0.00121	0.00000603	0.00822	0.00158	0.0125	0.0301	0.00000604	25	0.0000234	0.000366
2116 Sep	60.6	0.0586	0.0131	0.00107	13.5	0.0321	5.86	0.00103	0.00103	0.00000515	0.0073	0.00126	0.0119	0.0221	0.00000516	19.1	0.0000175	0.000273
2116 Oct	54.9	0.0798	0.0101	0.001	12.7	0.0369	6.11	0.000951	0.000951	0.00000476	0.00737	0.00112	0.0121	0.0182	0.00000477	16.5	0.0000151	0.000222
2116 Nov	55.2	0.083	0.00994	0.00101	12.9	0.0378	6.21	0.000957	0.000957	0.00000479	0.00747	0.00112	0.0122	0.0182	0.0000048	16.5	0.0000152	0.00022
2116 Dec	55.2	0.0831	0.00995	0.00101	12.9	0.0378	6.22	0.000958	0.000958	0.0000048	0.00748	0.00112	0.0122	0.0182	0.00000481	16.5	0.0000152	0.00022
2117 Jan	55.3	0.0831	0.00995	0.00101	12.9	0.0378	6.22	0.000958	0.000958	0.0000048	0.00748	0.00112	0.0123	0.0182	0.00000481	16.5	0.0000152	0.00022
2117 Feb	55.3	0.0831	0.00995	0.00101	12.9	0.0378	6.22	0.000958	0.000958	0.0000048	0.00748	0.00112	0.0123	0.0182	0.00000481	16.5	0.0000152	0.00022
2117 Mar	55.4	0.0833	0.00998	0.00102	12.9	0.0379	6.24	0.000961	0.000961	0.00000481	0.0075	0.00112	0.0123	0.0182	0.00000482	16.5	0.0000152	0.000221
2117 Apr	56.5	0.085	0.0102	0.00104	13.2	0.0387	6.37	0.00098	0.00098	0.00000491	0.00765	0.00114	0.0125	0.0186	0.00000492	16.9	0.0000155	0.000225
2117 May	64.4	0.0842	0.0131	0.00106	15.1	0.036	6.79	0.001	0.001	0.00000502	0.0076	0.0013	0.0121	0.0234	0.00000503	20.4	0.0000169	0.000272

Appendix C.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2117 Jun	79.4	0.0729	0.0205	0.00112	18.8	0.0276	7.28	0.00104	0.00104	0.00000521	0.00726	0.00159	0.0107	0.0331	0.00000521	27.3	0.00002	0.000371
2117 Jul	86.4	0.0763	0.0215	0.00124	20.2	0.0314	7.8	0.00118	0.00118	0.00000591	0.00814	0.00177	0.0119	0.0361	0.00000591	29.8	0.0000223	0.000404
2117 Aug	83.2	0.0708	0.0197	0.00125	19.2	0.0335	7.51	0.0012	0.0012	0.00000601	0.00808	0.00174	0.0122	0.0345	0.00000602	28.5	0.0000211	0.000385
2117 Sep	78.7	0.0691	0.0179	0.00122	18.1	0.0349	7.29	0.00118	0.00118	0.00000589	0.00791	0.00166	0.0124	0.0319	0.0000059	26.6	0.0000196	0.000359
2117 Oct	69.6	0.0704	0.0147	0.00112	15.9	0.0354	6.91	0.00108	0.00108	0.0000054	0.0075	0.00145	0.0122	0.0268	0.00000541	22.8	0.0000173	0.000305
2117 Nov	67	0.072	0.0137	0.00109	15.3	0.0357	6.79	0.00105	0.00105	0.00000527	0.00743	0.0014	0.0121	0.0254	0.00000528	21.7	0.0000167	0.000289
2117 Dec	66.9	0.0722	0.0136	0.00109	15.3	0.0358	6.79	0.00105	0.00105	0.00000527	0.00743	0.0014	0.0121	0.0253	0.00000528	21.7	0.0000167	0.000289
2118 Jan	67	0.0722	0.0136	0.00109	15.3	0.0358	6.79	0.00105	0.00105	0.00000527	0.00744	0.0014	0.0121	0.0253	0.00000528	21.7	0.0000167	0.000289
2118 Feb	67	0.0723	0.0136	0.00109	15.3	0.0358	6.79	0.00105	0.00105	0.00000527	0.00744	0.0014	0.0121	0.0254	0.00000528	21.7	0.0000167	0.000289
2118 Mar	67.1	0.0724	0.0136	0.00109	15.3	0.0359	6.8	0.00106	0.00106	0.00000528	0.00745	0.0014	0.0121	0.0254	0.00000529	21.8	0.0000167	0.000289
2118 Apr	68.4	0.074	0.0138	0.0011	15.7	0.0362	6.93	0.00107	0.00107	0.00000533	0.00752	0.00142	0.0122	0.026	0.00000534	22.3	0.0000169	0.000295
2118 May	76.4	0.0722	0.0184	0.00107	18	0.0296	7.23	0.00102	0.00102	0.0000051	0.00703	0.00155	0.0108	0.0316	0.00000511	26.2	0.0000181	0.000349
2118 Jun	76.3	0.0589	0.0214	0.00107	18.2	0.0225	6.66	0.000982	0.000982	0.00000492	0.00656	0.00152	0.00956	0.0326	0.00000492	26.6	0.0000196	0.000366
2118 Jul	86	0.0642	0.0233	0.00124	20.1	0.0266	7.39	0.00115	0.00115	0.00000577	0.0077	0.00175	0.0111	0.0366	0.00000577	29.9	0.0000228	0.000414
2118 Aug	69.8	0.0511	0.0168	0.00111	15.9	0.0295	6.24	0.00106	0.00106	0.00000532	0.00685	0.00148	0.0111	0.0284	0.00000532	23.6	0.0000175	0.000326
2118 Sep	56.1	0.0638	0.0116	0.001	13.1	0.035	5.89	0.000946	0.000946	0.00000474	0.00655	0.00116	0.0117	0.0198	0.00000475	17.5	0.0000131	0.000236
2118 Oct	55	0.0785	0.0114	0.00102	13.2	0.0373	6.24	0.000933	0.000933	0.00000468	0.00696	0.0011	0.012	0.0181	0.00000469	16.4	0.0000136	0.000216
2118 Nov	55.5	0.0812	0.0119	0.00104	13.4	0.0376	6.44	0.000933	0.000933	0.00000468	0.00704	0.00109	0.0122	0.018	0.00000469	16.3	0.0000138	0.000215
2118 Dec	55.6	0.0813	0.0119	0.00104	13.5	0.0377	6.44	0.000934	0.000934	0.00000468	0.00705	0.00109	0.0122	0.018	0.0000047	16.3	0.0000138	0.000215
2119 Jan	55.6	0.0813	0.012	0.00104	13.5	0.0377	6.45	0.000935	0.000935	0.00000469	0.00705	0.00109	0.0122	0.018	0.0000047	16.3	0.0000138	0.000215
2119 Feb	55.7	0.0814	0.012	0.00104	13.5	0.0377	6.45	0.000935	0.000935	0.00000469	0.00706	0.0011	0.0122	0.018	0.0000047	16.4	0.0000138	0.000216
2119 Mar	56	0.0819	0.012	0.00105	13.5	0.0379	6.49	0.000941	0.000941	0.00000472	0.0071	0.0011	0.0123	0.0181	0.00000473	16.4	0.0000139	0.000217
2119 Apr	61.8	0.0871	0.0132	0.00106	15	0.038	6.95	0.000964	0.000964	0.00000483	0.00722	0.00122	0.0123	0.0214	0.00000484	19	0.0000145	0.000246
2119 May	85	0.0797	0.0227	0.00103	20.8	0.0254	7.9	0.00095	0.00095	0.00000476	0.0064	0.00167	0.00952	0.0371	0.00000476	30.3	0.0000178	0.000394
2119 Jun	79.1	0.0638	0.0214	0.00105	18.7	0.0229	6.98	0.000976	0.000976	0.00000489	0.0066	0.00158	0.00955	0.0341	0.0000049	27.9	0.0000196	0.000379
2119 Jul	85.9	0.0655	0.0225	0.0012	19.8	0.0262	7.45	0.00114	0.00114	0.00000571	0.00781	0.00174	0.0112	0.0365	0.00000571	29.8	0.0000233	0.000415
2119 Aug	77.3	0.058	0.0186	0.00117	17.5	0.0298	6.86	0.00113	0.00113	0.00000567	0.00755	0.00161	0.0118	0.0316	0.00000567	26.2	0.0000204	0.000366
2119 Sep	62.1	0.0571	0.0133	0.00104	14	0.0331	6.1	0.00101	0.00101	0.00000503	0.00677	0.00129	0.012	0.0231	0.00000504	19.9	0.0000151	0.000277
2119 Oct	57.1	0.0696	0.0113	0.001	13.2	0.0355	6.14	0.000951	0.000951	0.00000476	0.00686	0.00116	0.012	0.0197	0.00000477	17.5	0.000014	0.000237
2119 Nov	55.9	0.074	0.0109	0.001	13.1	0.0362	6.15	0.00094	0.00094	0.00000471	0.00693	0.00113	0.012	0.0189	0.00000472	17	0.0000139	0.000227
2119 Dec	56	0.0741	0.0109	0.001	13.1	0.0362	6.16	0.000941	0.000941	0.00000471	0.00694	0.00113	0.012	0.019	0.00000473	17	0.0000139	0.000228

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000112	0.000732	0.0867	0.00000991	0.955	1.63	0.0151	0.000217	4.1	0.00109	0.00927	0.000087	0.00014	0.000051	0.0577	0.00000198	0.0000618	0.000357	0.00171	1.62E-08
Operation (2024-2031): Mean	0.000198	0.000963	0.118	0.0000116	1.29	2.36	0.0281	0.000326	6.71	0.00137	0.0113	0.000196	0.00019	0.0000696	0.0855	0.00000231	0.0000787	0.000512	0.00193	0.000031
Operation (2024-2031): Max	0.000388	0.00118	0.176	0.0000133	1.76	3.27	0.0617	0.000417	10.4	0.0017	0.013	0.000501	0.000256	0.0000953	0.13	0.00000267	0.0000915	0.000858	0.00239	0.000054
Active Closure (2032-2038): Min	0.000125	0.000669	0.0822	0.00000866	0.891	1.66	0.0183	0.000188	5.25	0.00103	0.00815	0.000115	0.000134	0.0000511	0.0566	0.00000174	0.0000563	0.000355	0.00134	0.0000217
Active Closure (2032-2038): Mean	0.000237	0.000966	0.12	0.0000103	1.31	2.77	0.0354	0.000345	7.54	0.0014	0.0104	0.000258	0.000182	0.0000774	0.0933	0.00000206	0.0000807	0.000543	0.00167	0.0000429
Active Closure (2032-2038): Max	0.000459	0.00132	0.197	0.0000133	1.98	4.08	0.0738	0.000444	10.8	0.00191	0.0138	0.000601	0.000255	0.000117	0.151	0.00000267	0.0000978	0.000998	0.00229	0.0000628
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000111	0.000691	0.0744	0.0000082	0.983	1.53	0.0139	0.000146	3.61	0.00103	0.00821	0.000056	0.000056	0.000049	0.0539	0.00000183	0.0000648	0.000224	0.00112	0.0000323
Post Closure (2039-2119): Mean	0.000242	0.000973	0.12	0.0000102	1.36	2.74	0.0362	0.000344	5.63	0.00139	0.0103	0.000267	0.000172	0.000078	0.0942	0.00000208	0.0000877	0.000537	0.00164	0.000138
Post Closure (2039-2119): Max	0.000621	0.00152	0.243	0.0000137	2.39	5.22	0.102	0.000518	11.3	0.00227	0.0149	0.000862	0.000319	0.000147	0.188	0.00000281	0.000124	0.00129	0.00253	0.000297
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2024 Jan	0.000316	0.00112	0.154	0.0000122	1.59	2.85	0.0473	0.000356	5.57	0.00148	0.0125	0.000358	0.000167	0.0000804	0.114	0.00000244	0.0000816	0.000674	0.00191	
2024 Feb	0.000316	0.00112	0.154	0.0000122	1.59	2.85	0.0473	0.000356	5.57	0.00148	0.0125	0.000358	0.000167	0.0000804	0.114	0.00000244	0.0000816	0.000674	0.00191	
2024 Mar	0.000316	0.00113	0.155	0.0000122	1.59	2.85	0.0474	0.000357	5.59	0.00148	0.0125	0.000359	0.000168	0.0000806	0.115	0.00000245	0.0000818	0.000676	0.00192	
2024 Apr	0.000318	0.00113	0.155	0.0000123	1.6	2.87	0.0477	0.000358	5.61	0.00149	0.0126	0.00036	0.000169	0.0000809	0.115	0.00000246	0.0000821	0.000679	0.00193	
2024 May	0.000346	0.00117	0.164	0.0000125	1.68	3.05	0.0526	0.000361	5.89	0.00155	0.0129	0.000404	0.000177	0.0000861	0.122	0.00000251	0.0000843	0.000734	0.00198	
2024 Jun	0.000365	0.00103	0.159	0.0000107	1.56	2.98	0.0583	0.000258	5.43	0.00143	0.0111	0.000474	0.000186	0.0000853	0.118	0.00000214	0.0000713	0.000794	0.00182	
2024 Jul	0.000388	0.00113	0.172	0.000012	1.7	3.2	0.0617	0.000279	5.88	0.00157	0.0123	0.000501	0.000209	0.0000923	0.127	0.00000239	0.0000785	0.000858	0.00205	
2024 Aug	0.000388	0.00118	0.176	0.0000127	1.76	3.27	0.0612	0.000312	6.12	0.00163	0.0129	0.000493	0.000207	0.0000953	0.13	0.00000254	0.0000825	0.000845	0.00212	
2024 Sep	0.000344	0.00112	0.16	0.0000121	1.64	3	0.0531	0.000337	5.75	0.00152	0.0123	0.000419	0.000177	0.0000871	0.12	0.00000242	0.0000801	0.000732	0.00194	
2024 Oct	0.000332	0.00112	0.157	0.000012	1.62	2.93	0.0506	0.000353	5.68	0.00149	0.0123	0.000396	0.000168	0.0000845	0.118	0.00000241	0.0000808	0.000702	0.0019	
2024 Nov	0.000328	0.00112	0.156	0.000012	1.61	2.92	0.0497	0.000361	5.66	0.00149	0.0123	0.000387	0.000165	0.0000836	0.117	0.00000241	0.0000813	0.000691	0.00188	
2024 Dec	0.000329	0.00112	0.156	0.000012	1.61	2.92	0.0497	0.000362	5.67	0.00149	0.0123	0.000388	0.000165	0.0000837	0.117	0.00000241	0.0000815	0.000692	0.00189	
2025 Jan	0.000329	0.00112	0.156	0.000012	1.61	2.92	0.0497	0.000362	5.67	0.00149	0.0123	0.000388	0.000165	0.0000837	0.117	0.00000241	0.0000815	0.000692	0.00189	
2025 Feb	0.000329	0.00112	0.156	0.000012	1.62	2.92	0.0497	0.000362	5.67	0.00149	0.0123	0.000388	0.000165	0.0000837	0.117	0.00000241	0.0000815	0.000692	0.00189	
2025 Mar	0.000329	0.00112	0.156	0.0000121	1.62	2.92	0.0498	0.000362	5.68	0.00149	0.0124	0.000388	0.000165	0.0000838	0.117	0.00000241	0.0000815	0.000693	0.00189	
2025 Apr	0.000329	0.00113	0.156	0.0000121	1.62	2.93	0.0499	0.000363	5.69	0.00149	0.0124	0.000389	0.000166	0.0000839	0.118	0.00000242	0.0000817	0.000694	0.00189	
2025 May	0.000343	0.00117	0.163	0.0000126	1.69	3.05	0.0519	0.000377	5.92	0.00155	0.0129	0.000405	0.000172	0.0000874	0.122	0.00000251	0.000085	0.000722	0.00197	
2025 Jun	0.000293	0.00105	0.146	0.000012	1.51	2.66	0.0443	0.00032	5.21	0.00143	0.012	0.000342	0.000183	0.0000781	0.107	0.0000024	0.0000776	0.000674	0.00199	
2025 Jul	0.000211	0.000872	0.119	0.000011	1.23	2.03	0.0316	0.000235	4.1	0.00123	0.0106	0.000242	0.000185	0.0000627	0.0824	0.00000219	0.0000652	0.000561	0.00192	
2025 Aug	0.000225	0.000965	0.129	0.0000121	1.35	2.2	0.0332	0.000267	4.51	0.00134	0.0116	0.000254	0.000193	0.0000683	0.0895	0.00000242	0.0000715	0.000581	0.00206	
2025 Sep	0.000217	0.000965	0.126	0.000012	1.34	2.17	0.0314	0.000292	4.51	0.00132	0.0116	0.000235	0.000179	0.000067	0.0886	0.0000024	0.0000723	0.000545	0.00199	
2025 Oct	0.000198	0.000926	0.117	0.0000113	1.26	2.04	0.0275	0.000312	4.29	0.00123	0.0111	0.0002	0.000153	0.000061	0.0831	0.00000225	0.0000708	0.000482	0.00181	
2025 Nov	0.000188	0.000904	0.112	0.0000109	1.22	1.97	0.0256	0.00032	4.17	0.00118	0.0108	0.000183	0.00014	0.000058	0.0803	0.00000217	0.0000698	0.000451	0.00171	
2025 Dec	0.000188	0.000905	0.112	0.0000109	1.22	1.97	0.0257	0.00032	4.18	0.00118	0.0108	0.000183	0.000141	0.0000581	0.0804	0.00000217	0.0000699	0.000451	0.00171	
2026 Jan	0.000188	0.000905	0.113	0.0000109	1.22	1.97	0.0257	0.00032	4.18	0.00118	0.0108	0.000183	0.000141	0.0000581	0.0804	0.00000218	0.0000699	0.000451	0.00171	
2026 Feb	0.000188	0.000905	0.113	0.0000109	1.22	1.97	0.0257	0.00032	4.18	0.00118	0.0108	0.000183	0.000141	0.0000581	0.0804	0.00000218	0.0000699	0.000452	0.00171	
2026 Mar	0.000188	0.000906	0.113	0.0000109	1.22	1.97	0.0257	0.000321	4.19	0.00118	0.0108	0.000184	0.000141	0.0000582	0.0805	0.00000218	0.00007	0.000452	0.00172	1.62E-08
2026 Apr	0.00019	0.000914	0.114	0.000011	1.23	1.99	0.0259	0.000323	4.23	0.00119	0.0109	0.000185	0.000142	0.0000587	0.0812	0.0000022	0.0000706	0.000456	0.00173	5.14E-08
2026 May	0.000198	0.000947	0.118	0.0000113	1.27	2.08	0.027	0.000335	4.51	0.00124	0.0112	0.000193	0.000148	0.0000613	0.0842	0.00000227	0.0000733	0.000473	0.00179	0.00000135
2026 Jun	0.000182	0.00081	0.107	0.0000102	1.13	1.91	0.0267	0.00024	4.42	0.00116	0.00994	0.000196	0.000178	0.0000581	0.0743	0.00000205	0.0000639	0.000506	0.00181	0.00000653
2026 Jul	0.000185	0.000862	0.113	0.0000111	1.2	2	0.0272	0.000244	4.83	0.00125	0.0107	0.000199	0.000201	0.000062	0.0774	0.00000223	0.0000683	0.000541	0.002	0.00000876
2026 Aug	0.000188	0.000928	0.117	0.0000118	1.26	2.19	0.0272	0.000276	5.86	0.00134	0.0112	0.000196	0.000203	0.0000673	0.0815	0.00000235	0.0000737	0.000523	0.00203	0.0000163
2026 Sep	0.000192	0.000972	0.119	0.0000121	1.31	2.34	0.0275	0.000308	6.7	0.00141	0.0115	0.000193	0.000207	0.000071	0.0849	0.00000242	0.0000788	0.000524	0.00206	0.0000226
2026 Oct	0.000185	0.00097	0.115	0.0000117	1.28	2.42	0.0261	0.000336	7.58	0.0014	0.0113	0.000175	0.000199	0.0000713	0.0839	0.00000234	0.0000814	0.000492	0.00195	0.0000314
2026 Nov	0.000187	0.000979	0.116	0.0000118	1.29	2.44	0.0263	0.000339	7.65	0.00142	0.0114	0.000177	0.0002	0.0000719	0.0846	0.00000236	0.0000821	0.000496	0.00197	0.0000317
2026 Dec	0.000187	0.00098	0.116	0.0000118	1.29	2.44	0.0263	0.00034	7.66	0.00142	0.0114	0.000177	0.000201	0.000072	0.0847	0.00000236	0.0000822	0.000496	0.00197	0.0000318
2027 Jan	0.000187	0.00098	0.116	0.0000118	1.29	2.44	0.0263	0.00034	7.66	0.00142	0.0114	0.000177	0.000201	0.000072	0.0847	0.00000236	0.0000822	0.000496	0.00197	0.0000318
2027 Feb	0.000187	0.00098	0.116	0.0000118	1.29	2.44	0.0263	0.00034	7.66	0.00142	0.0114	0.000177	0.000201	0.000072	0.0847	0.00000236	0.0000822	0.000496	0.00197	0.0000318
2027 Mar	0.000187	0.000981	0.116	0.0000118	1.29	2.45	0.0263	0.00034	7.67	0.00142	0.0114	0.000177	0.000201	0.0000721	0.0849	0.00000237	0.0000823	0.000497	0.00197	0.0000318
2027 Apr	0.00019	0.000994	0.118	0.000012	1.31	2.48	0.0267	0.000345	7.77	0.00144	0.0116	0.000179	0.000204	0.000073	0.086	0.0000024	0.0000834	0.000504	0.002	0.0000322
2027 May	0.000201	0.00104	0.123	0.0000124	1.37	2.64	0.0284	0.000362	8.4	0.00152	0.012	0.000191	0.000215	0.0000774	0.0904	0.0000025	0.0000877	0.00053	0.00208	0.0000362
2027 Jun	0.000165	0.00084	0.104	0.0000107	1.14	2.11	0.0243	0.000254	6.53	0.00128	0.0102	0.000167	0.000212	0.0000643	0.0735	0.00000215	0.0000711	0.000505	0.00194	0.0000271
2027 Jul	0.000154	0.000824	0.104	0.0000112	1.12	1.96	0.0226	0.000224	5.78	0.00127	0.0104	0.000156	0.000226	0.0000617	0.0701	0.00000223	0.0000689	0.000518	0.00208	0.0000212
2027 Aug	0.00017	0.000939	0.115	0.0000125	1.27	2.25	0.0245	0.000274	6.93	0.00144	0.0116	0.000165	0.000241	0.0000707	0.0793	0.0000025	0.0000785	0.000544	0.00226	0.0000274
2027 Sep	0.000163	0.000948	0.109	0.000012	1.26	2.38	0.0227	0.000329	8.14	0.00144	0.0113	0.000141	0.00022	0.0000724	0.0798	0.00000241	0.0000824	0.000482	0.00208	0.0000384
2027 Oct	0.000158	0.000948	0.106	0.0000116	1.23	2.4	0.0215	0.000356	8.48	0.00142	0.0111	0.000127	0.000206	0.0000711	0.079	0.00000233	0.0000839	0.000451	0.00196	0.0000419
2027 Nov	0.000158	0.00095	0.105	0.0000116	1.23	2.4	0.0212	0.000363	8.44	0.00141	0.0111	0.000124	0.000202	0.0000705	0.079	0.00000233	0.0000842	0.000444	0.00194	0.0000414
2027 Dec	0.000158	0.00095	0.105	0.0000116	1.23	2.4	0.0212	0.000363	8.46	0.00141	0.0111	0.000124	0.000201	0.0000705	0.079	0.00000232	0.0000843	0.000444	0.00193	0.0000416
2028 Jan	0.000158	0.00095	0.105	0.0000116	1.23	2.4	0.0212	0.000363	8.46	0.00141	0.0111	0.000124	0.000201	0.0000705	0.079	0.00000232	0.0000843	0.000444	0.00193	0.0000416

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Feb	0.000158	0.000951	0.105	0.0000116	1.23	2.4	0.0212	0.000363	8.46	0.00141	0.0111	0.000124	0.000201	0.0000705	0.079	0.00000232	0.0000843	0.000444	0.00193	0.0000416
2028 Mar	0.000158	0.000951	0.105	0.0000116	1.23	2.4	0.0212	0.000363	8.46	0.00141	0.0111	0.000124	0.000202	0.0000705	0.079	0.00000233	0.0000843	0.000444	0.00193	0.0000417
2028 Apr	0.000159	0.000958	0.106	0.0000117	1.24	2.42	0.0214	0.000366	8.52	0.00142	0.0112	0.000125	0.000203	0.000071	0.0796	0.00000234	0.000085	0.000447	0.00195	0.000042
2028 May	0.000164	0.000987	0.109	0.000012	1.28	2.5	0.022	0.000377	8.79	0.00146	0.0115	0.000129	0.000209	0.0000732	0.082	0.00000241	0.0000875	0.000461	0.00201	0.0000434
2028 Jun	0.00014	0.00084	0.0976	0.000011	1.11	2.05	0.0194	0.000284	6.89	0.00129	0.0104	0.000117	0.00021	0.0000626	0.0695	0.0000022	0.000074	0.000458	0.00196	0.0000315
2028 Jul	0.000134	0.000813	0.0974	0.0000111	1.09	1.92	0.0189	0.000247	6.16	0.00126	0.0104	0.000118	0.000222	0.0000602	0.0666	0.00000223	0.0000706	0.000477	0.00205	0.0000259
2028 Aug	0.000157	0.000959	0.114	0.000013	1.28	2.26	0.022	0.000296	7.34	0.00149	0.0121	0.000136	0.000256	0.0000711	0.0785	0.00000261	0.0000832	0.000548	0.00239	0.0000312
2028 Sep	0.000161	0.001	0.116	0.0000133	1.32	2.38	0.022	0.000335	7.88	0.00152	0.0125	0.000131	0.00025	0.0000731	0.0816	0.00000266	0.0000878	0.000539	0.00237	0.0000346
2028 Oct	0.000145	0.000944	0.103	0.0000117	1.2	2.28	0.0186	0.000371	7.94	0.00138	0.0114	0.0001	0.000201	0.0000661	0.076	0.00000234	0.0000851	0.00044	0.00197	0.0000376
2028 Nov	0.000146	0.000952	0.104	0.0000117	1.21	2.29	0.0184	0.00038	7.96	0.00138	0.0114	0.0000984	0.000197	0.0000659	0.0765	0.00000234	0.0000859	0.000435	0.00195	0.0000375
2028 Dec	0.000146	0.000953	0.104	0.0000117	1.21	2.3	0.0185	0.000381	7.97	0.00138	0.0114	0.0000985	0.000197	0.000066	0.0766	0.00000234	0.000086	0.000436	0.00195	0.0000376
2029 Jan	0.000146	0.000953	0.104	0.0000117	1.21	2.3	0.0185	0.000381	7.97	0.00138	0.0114	0.0000985	0.000197	0.000066	0.0766	0.00000234	0.000086	0.000436	0.00195	0.0000376
2029 Feb	0.000146	0.000953	0.104	0.0000117	1.21	2.3	0.0185	0.000381	7.97	0.00138	0.0114	0.0000985	0.000197	0.000066	0.0766	0.00000234	0.000086	0.000436	0.00195	0.0000376
2029 Mar	0.000146	0.000954	0.104	0.0000117	1.21	2.3	0.0185	0.000381	7.98	0.00138	0.0114	0.0000985	0.000198	0.000066	0.0766	0.00000235	0.000086	0.000436	0.00195	0.0000376
2029 Apr	0.000146	0.000956	0.104	0.0000117	1.21	2.3	0.0185	0.000382	8	0.00138	0.0115	0.0000988	0.000198	0.0000662	0.0768	0.00000235	0.0000862	0.000437	0.00196	0.0000377
2029 May	0.00015	0.000977	0.106	0.000012	1.24	2.37	0.019	0.000391	8.3	0.00142	0.0117	0.000101	0.000203	0.000068	0.0785	0.0000024	0.0000884	0.000446	0.002	0.0000397
2029 Jun	0.000152	0.000955	0.106	0.0000119	1.23	2.38	0.0202	0.000361	8.41	0.00143	0.0115	0.000113	0.00022	0.0000692	0.0778	0.00000239	0.0000867	0.000478	0.00206	0.0000417
2029 Jul	0.000114	0.000732	0.0867	0.00000991	0.955	1.63	0.0154	0.000217	5.11	0.00109	0.00927	0.0000981	0.000186	0.000051	0.0577	0.00000198	0.0000618	0.000396	0.00178	0.0000197
2029 Aug	0.000122	0.000811	0.0936	0.0000107	1.04	1.8	0.0162	0.00025	5.79	0.00119	0.00997	0.000103	0.000188	0.0000563	0.0632	0.00000215	0.0000673	0.000391	0.00185	0.0000231
2029 Sep	0.000127	0.000856	0.0966	0.0000111	1.09	1.93	0.0166	0.000285	6.41	0.00125	0.0104	0.000101	0.000188	0.0000594	0.067	0.00000222	0.0000721	0.00039	0.00187	0.000027
2029 Oct	0.000127	0.000866	0.0955	0.0000109	1.09	1.99	0.0162	0.00031	6.77	0.00124	0.0104	0.0000938	0.000179	0.0000595	0.0676	0.00000219	0.0000742	0.000375	0.0018	0.0000301
2029 Nov	0.000125	0.000858	0.093	0.0000106	1.07	1.99	0.0155	0.000323	6.86	0.00122	0.0102	0.000087	0.000169	0.0000582	0.0669	0.00000212	0.0000743	0.000357	0.00172	0.0000313
2029 Dec	0.000125	0.000859	0.0931	0.0000106	1.07	1.99	0.0156	0.000323	6.89	0.00122	0.0102	0.000087	0.000169	0.0000583	0.067	0.00000212	0.0000745	0.000357	0.00172	0.0000315
2030 Jan	0.000125	0.000859	0.0931	0.0000106	1.07	1.99	0.0156	0.000323	6.89	0.00122	0.0102	0.000087	0.000169	0.0000583	0.067	0.00000212	0.0000745	0.000357	0.00172	0.0000315
2030 Feb	0.000125	0.000859	0.0931	0.0000106	1.07	1.99	0.0156	0.000323	6.89	0.00122	0.0102	0.0000871	0.000169	0.0000584	0.067	0.00000212	0.0000745	0.000357	0.00172	0.0000315
2030 Mar	0.000125	0.00086	0.0932	0.0000106	1.07	1.99	0.0156	0.000324	6.9	0.00122	0.0102	0.0000872	0.00017	0.0000584	0.0671	0.00000213	0.0000746	0.000358	0.00172	0.0000316
2030 Apr	0.000126	0.000863	0.0936	0.0000106	1.08	2	0.0156	0.000325	6.92	0.00123	0.0102	0.0000875	0.00017	0.0000587	0.0673	0.00000213	0.0000749	0.000359	0.00173	0.0000317
2030 May	0.00013	0.000894	0.0968	0.000011	1.12	2.07	0.0162	0.000336	7.17	0.00127	0.0106	0.0000905	0.000176	0.0000607	0.0697	0.00000221	0.0000775	0.000372	0.00179	0.0000329
2030 Jun	0.000119	0.000794	0.0911	0.0000105	1.03	1.79	0.0156	0.000264	5.78	0.00117	0.00993	0.0000925	0.000189	0.0000548	0.0624	0.00000211	0.0000684	0.000401	0.00184	0.0000236
2030 Jul	0.000112	0.000743	0.0878	0.0000102	0.971	1.64	0.0151	0.00022	5.15	0.00112	0.00949	0.0000943	0.000192	0.0000517	0.0581	0.00000204	0.0000629	0.000403	0.00184	0.0000197
2030 Aug	0.000121	0.000823	0.0952	0.000011	1.06	1.83	0.0161	0.000247	6.01	0.00122	0.0102	0.000101	0.0002	0.0000574	0.0636	0.00000221	0.0000689	0.000408	0.00193	0.000025
2030 Sep	0.000131	0.000895	0.102	0.0000119	1.15	2.01	0.0173	0.000278	6.66	0.00133	0.011	0.000107	0.000213	0.0000626	0.0693	0.00000238	0.0000753	0.000433	0.00207	0.0000283
2030 Oct	0.00013	0.000894	0.1	0.0000115	1.13	2.02	0.0166	0.000301	6.78	0.0013	0.0109	0.0000985	0.000198	0.0000612	0.0691	0.00000231	0.0000762	0.00041	0.00196	0.0000294
2030 Nov	0.000128	0.000889	0.0986	0.0000113	1.12	2.01	0.0162	0.000312	6.79	0.00128	0.0108	0.0000938	0.00019	0.0000602	0.0687	0.00000227	0.0000763	0.000396	0.0019	0.0000296
2030 Dec	0.000128	0.00089	0.0987	0.0000113	1.12	2.01	0.0162	0.000312	6.79	0.00128	0.0108	0.0000939	0.00019	0.0000603	0.0688	0.00000227	0.0000764	0.000396	0.0019	0.0000296
2031 Jan	0.000128	0.00089	0.0987	0.0000113	1.12	2.01	0.0162	0.000312	6.79	0.00128	0.0108	0.0000939	0.00019	0.0000603	0.0688	0.00000227	0.0000764	0.000396	0.0019	0.0000296
2031 Feb	0.000128	0.00089	0.0987	0.0000113	1.12	2.01	0.0162	0.000312	6.79	0.00128	0.0108	0.0000939	0.00019	0.0000603	0.0688	0.00000227	0.0000764	0.000396	0.0019	0.0000296
2031 Mar	0.000129	0.000891	0.0987	0.0000113	1.12	2.01	0.0162	0.000312	6.8	0.00128	0.0108	0.0000939	0.00019	0.0000603	0.0688	0.00000227	0.0000764	0.000397	0.0019	0.0000297
2031 Apr	0.00013	0.000901	0.0998	0.0000115	1.13	2.04	0.0164	0.000316	6.87	0.0013	0.0109	0.000095	0.000192	0.000061	0.0696	0.0000023	0.0000773	0.000401	0.00192	0.00003
2031 May	0.000157	0.000954	0.109	0.0000119	1.22	2.26	0.0211	0.000325	7.39	0.00138	0.0114	0.000135	0.000203	0.0000671	0.0773	0.00000238	0.0000809	0.000456	0.002	0.0000319
2031 Jun	0.000263	0.000963	0.132	0.0000109	1.36	2.66	0.0408	0.000264	6.91	0.00141	0.0108	0.00032	0.00021	0.0000781	0.0964	0.00000219	0.0000747	0.000647	0.00192	0.000022
2031 Jul	0.000294	0.0011	0.15	0.0000126	1.55	3.01	0.0456	0.0003	7.87	0.00162	0.0125	0.000357	0.000242	0.0000888	0.109	0.00000253	0.0000854	0.000733	0.00222	0.0000253
2031 Aug	0.000297	0.00117	0.155	0.0000133	1.62	3.16	0.0455	0.000331	8.65	0.0017	0.013	0.000353	0.000245	0.0000934	0.113	0.00000267	0.0000906	0.000721	0.00228	0.0000305
2031 Sep	0.00026	0.00111	0.138	0.0000123	1.5	3.08	0.0389	0.000372	9.55	0.00162	0.0121	0.000286	0.000218	0.000089	0.105	0.00000247	0.0000909	0.000609	0.00202	0.0000423
2031 Oct	0.00022	0.00104	0.119	0.000011	1.35	2.92	0.0314	0.000408	10	0.00149	0.0111	0.000214	0.000184	0.0000807	0.0942	0.0000022	0.00009	0.000495	0.00172	0.0000509
2031 Nov	0.00022	0.00105	0.119	0.000011	1.35	2.97	0.0313	0.000416	10.4	0.00151	0.0111	0.000211	0.000186	0.0000816	0.0946	0.00000221	0.0000915	0.000493	0.00171	0.000054
2031 Dec	0.00022	0.00105	0.119	0.000011	1.35	2.97	0.0313	0.000417	10.4	0.00151	0.0111	0.000211	0.000186	0.0000816	0.0947	0.00000221	0.0000915	0.000493	0.00172	0.000054
2032 Jan	0.00022	0.00105	0.119	0.000011	1.35	2.97	0.0313	0.000417	10.4	0.00151	0.0111	0.000211	0.000186	0.0000816	0.0947	0.00000221	0.0000915	0.000493	0.00172	0.000054
2032 Feb	0.00022	0.00105	0.119	0.000011	1.35	2.97	0.0313	0.000417	10.4	0.00151	0.0111	0.000211	0.000186	0.0000816	0.0947	0.00000221	0.0000915	0.000493	0.00172	0.000054
2032 Mar	0.00022	0.00105	0.119	0.000011	1.35	2.97	0.0313	0.000417	10.4	0.00151	0.0112	0.000211	0.000186	0.0000817	0.0948	0.00000221	0.0000916	0.000494	0.00172	0.0000541
2032 Apr	0.000221	0.00105	0.12	0.0000111	1.36	2.99	0.0315	0.00042	10.4	0.00152	0.0112	0.000213	0.000187	0.0000822	0.0954	0.00000222	0.0000922	0.000497	0.00173	0.0000544
2032 May	0.00023	0.00109	0.124	0.0000114	1.41	3.1	0.0328	0.000434	10.8	0.00157	0.0116	0.000222	0.000194	0.0000853	0.0989	0.0000023	0.0000954	0.000516	0.00179	0.0000567
2032 Jun	0.000183	0.000862	0.105	0.0000102	1.16	2.37	0.0271	0.000288	7.77	0.00131	0.00993	0.000188	0.000203	0.0000688	0.0781	0.00000204	0.0000748	0.000504	0.00179	0.0000385
2032 Jul	0.000125	0.000669	0.0822	0.00000866	0.891	1.66	0.0183	0.000188	5.25	0.00103	0.00815	0.000127	0.000176	0.0000511	0.0566	0.00000174	0.0000563	0.000396	0.00158	0.0000242
2032 Aug	0.000128	0.000733	0.0856	0.00000923	0.96	1.85	0.0183	0.00023	6.2	0.00112	0.00858	0.000122	0.000174	0.0000567	0.0612	0.00000185	0.0000619	0.000373	0.0016	0.0000318
2032 Sep	0.000134	0.000781	0.0891	0.00000972	1.02	1.99	0.0188	0.000263	6.77	0.00118	0.00904	0.000121	0.000176	0.0000605	0.0653	0.00000195	0.0000667	0.000375	0.00164	0.0000357
2032 Oct	0.000136	0.000803	0.0907	0.00000989	1.04	2.04	0.019	0.000279	6.98	0.00121	0.00927	0.00012	0.000176	0.0000616	0.0669	0.00000198	0.000069	0.000376	0.00166	0.000037
2032 Nov	0.000137	0.000811	0.0908	0.0000099	1.05	2.09	0.019	0.000288	7.23	0.00122	0.00931	0.000118	0.000177	0.0000624	0.0675	0.00000199	0.0000703	0.000375	0.00165	0.0000394
2032 Dec	0.000136	0.000811	0.0901	0.00000981	1.04	2.1	0.0187	0.000293	7.35	0.00122	0.00926	0.000115	0.000175	0.0000623	0.0674	0.00000197	0.0000708	0.000369	0.00163	0.0000409
2033 Jan	0.000136	0.000811	0.0901	0.00000981	1.04	2.1	0.0187	0.000293	7.35	0.00122	0.00926	0.000115	0.000175	0.0000623	0.0674	0.00000197	0.0000708	0.000369	0.00163	0.0000409
2033 Feb	0.000136	0.000812	0.0901	0.00000982	1.05	2.1	0.0187	0.000293	7.35	0.00122	0.00927	0.000115	0.000175	0.0000623	0.0674	0.00000197	0.0000708	0.00037	0.00163	0.0000409
2033 Mar	0.000136	0.000814	0.0904	0.00000985	1.05	2.11	0.0188	0.000294	7.37	0.00122	0.00929	0.000116	0.000175	0.0000625	0.0676	0.00000198	0.000071	0.000371	0.00163	0.000041
2033 Apr	0.000138	0.000825	0.0916	0.00000999	1.06	2.14	0.0191	0.000298	7.48	0.00124	0.00942	0.000117	0.000178	0.0000634	0.0685	0.000002	0.000072	0.000376	0.00166	0.0000416
2033 May	0.000227	0.000922	0.117	0.0000102	1.27	2.69	0.0349	0.000294	8.16	0.00139	0.00996	0.00026	0.000196	0.000078	0.0893	0.00000204	0.0000759	0.00054	0.00172	0.0000419
2033 Jun	0.000286	0.00085	0.126	0.00000888	1.27	2.71	0.0466	0.00021	6.72	0.0013	0.00898	0.000377	0.000194	0.0000785	0.0954	0.00000178	0.0000645	0.000663	0.00161	0.0000272
2033 Jul	0.000288	0.000907	0.132	0.00000976	1.33	2.79	0.0466	0.000222	7.03	0.00138	0.00973	0.000375	0.00021	0.0000818	0.0984	0.00000196	0.000069	0.000681	0.00177	0.000029
2033 Aug	0.000316	0.00103	0.147	0.0000111	1.49	3.14	0.0509	0.000258	8.05	0.00156	0.011	0.000409	0.000232	0.0000919	0.11	0.00000222	0.0000784	0.00074	0.00197	0.0000346

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Sep	0.000278	0.000998	0.133	0.0000106	1.4	2.98	0.0435	0.000306	8.14	0.00148	0.0106	0.000336	0.000203	0.0000859	0.102	0.00000212	0.0000794	0.000631	0.00179	0.0000395
2033 Oct	0.000214	0.000916	0.109	0.00000931	1.21	2.63	0.031	0.000363	7.82	0.00129	0.00967	0.000219	0.000152	0.0000715	0.0866	0.00000187	0.0000784	0.000461	0.00144	0.0000438
2033 Nov	0.00021	0.000921	0.108	0.00000933	1.2	2.62	0.0301	0.000374	7.81	0.00129	0.00973	0.00021	0.000148	0.0000706	0.0862	0.00000187	0.0000793	0.000449	0.00142	0.0000438
2033 Dec	0.00021	0.000922	0.108	0.00000933	1.2	2.62	0.0301	0.000375	7.82	0.00129	0.00974	0.00021	0.000148	0.0000707	0.0863	0.00000187	0.0000794	0.000449	0.00142	0.0000438
2034 Jan	0.00021	0.000922	0.108	0.00000933	1.2	2.62	0.0301	0.000375	7.82	0.00129	0.00974	0.00021	0.000148	0.0000707	0.0863	0.00000187	0.0000794	0.000449	0.00142	0.0000438
2034 Feb	0.00021	0.000922	0.108	0.00000934	1.2	2.62	0.0301	0.000375	7.82	0.00129	0.00974	0.00021	0.000148	0.0000707	0.0863	0.00000187	0.0000794	0.000449	0.00142	0.0000438
2034 Mar	0.00021	0.000923	0.108	0.00000934	1.2	2.62	0.0301	0.000375	7.83	0.00129	0.00975	0.00021	0.000148	0.0000708	0.0864	0.00000188	0.0000795	0.00045	0.00142	0.0000439
2034 Apr	0.000213	0.000933	0.109	0.00000945	1.22	2.65	0.0305	0.00038	7.92	0.00131	0.00987	0.000213	0.00015	0.0000716	0.0874	0.0000019	0.0000804	0.000455	0.00144	0.0000444
2034 May	0.000247	0.000992	0.121	0.00000988	1.32	2.89	0.0364	0.000386	8.31	0.00139	0.0104	0.000264	0.000162	0.0000783	0.0964	0.00000198	0.0000838	0.000523	0.00152	0.0000448
2034 Jun	0.000322	0.000958	0.139	0.00000937	1.4	3.01	0.0515	0.000279	7.07	0.00139	0.00991	0.000414	0.000183	0.0000841	0.107	0.00000188	0.0000731	0.000701	0.0016	0.0000272
2034 Jul	0.000301	0.000973	0.136	0.00000989	1.39	3.01	0.0478	0.00028	7.53	0.00144	0.0102	0.00038	0.000199	0.000085	0.104	0.00000198	0.0000759	0.000676	0.0017	0.000036
2034 Aug	0.000349	0.00115	0.159	0.0000117	1.63	3.53	0.0552	0.000336	8.94	0.00169	0.012	0.000437	0.000231	0.0000999	0.122	0.00000234	0.0000897	0.000778	0.00199	0.0000438
2034 Sep	0.000305	0.00111	0.143	0.0000111	1.52	3.36	0.0468	0.00038	9.02	0.0016	0.0115	0.000356	0.000204	0.0000927	0.113	0.00000222	0.0000908	0.000665	0.0018	0.0000507
2034 Oct	0.00025	0.00103	0.122	0.00001	1.35	3.07	0.0366	0.000413	8.87	0.00146	0.0106	0.00026	0.00017	0.000082	0.0989	0.00000201	0.0000892	0.000528	0.00154	0.0000574
2034 Nov	0.00025	0.00104	0.123	0.0000101	1.36	3.11	0.0365	0.000421	9.05	0.00147	0.0107	0.000259	0.000171	0.0000828	0.0995	0.00000203	0.0000905	0.000527	0.00155	0.0000595
2034 Dec	0.00025	0.00104	0.123	0.0000101	1.36	3.12	0.0366	0.000422	9.06	0.00148	0.0107	0.000259	0.000172	0.0000829	0.0996	0.00000203	0.0000906	0.000528	0.00155	0.0000596
2035 Jan	0.00025	0.00104	0.123	0.0000101	1.36	3.12	0.0366	0.000422	9.06	0.00148	0.0107	0.000259	0.000172	0.0000829	0.0996	0.00000203	0.0000906	0.000528	0.00155	0.0000597
2035 Feb	0.00025	0.00104	0.123	0.0000101	1.36	3.12	0.0366	0.000422	9.06	0.00148	0.0107	0.000259	0.000172	0.0000829	0.0997	0.00000203	0.0000906	0.000528	0.00155	0.0000597
2035 Mar	0.00025	0.00104	0.123	0.0000101	1.36	3.12	0.0366	0.000422	9.07	0.00148	0.0107	0.000259	0.000172	0.000083	0.0997	0.00000203	0.0000907	0.000528	0.00155	0.0000597
2035 Apr	0.000253	0.00105	0.124	0.0000102	1.37	3.15	0.037	0.000426	9.16	0.00149	0.0108	0.000262	0.000174	0.0000838	0.101	0.00000205	0.0000916	0.000534	0.00156	0.0000603
2035 May	0.000272	0.00111	0.132	0.0000107	1.46	3.34	0.0401	0.000444	9.62	0.00157	0.0114	0.000286	0.000184	0.000089	0.107	0.00000215	0.000096	0.000574	0.00165	0.0000628
2035 Jun	0.000242	0.000852	0.117	0.00000925	1.21	2.5	0.0379	0.000256	6.15	0.00126	0.00943	0.000293	0.000186	0.0000712	0.0877	0.00000185	0.0000688	0.000591	0.00164	0.0000289
2035 Jul	0.000219	0.000836	0.113	0.00000974	1.18	2.32	0.034	0.000235	5.71	0.00126	0.00966	0.00026	0.000199	0.0000681	0.0823	0.00000195	0.0000675	0.000579	0.00177	0.0000257
2035 Aug	0.000223	0.000901	0.118	0.0000105	1.26	2.47	0.034	0.000275	6.26	0.00134	0.0103	0.000254	0.0002	0.000073	0.0871	0.0000021	0.0000731	0.000567	0.00183	0.0000303
2035 Sep	0.000184	0.000865	0.101	0.00000954	1.15	2.41	0.0264	0.000341	6.76	0.00126	0.00948	0.000177	0.000161	0.0000682	0.0795	0.00000191	0.0000752	0.000431	0.00153	0.0000446
2035 Oct	0.000171	0.000869	0.0959	0.00000927	1.12	2.39	0.0234	0.000377	6.89	0.00123	0.00944	0.000146	0.000145	0.0000654	0.0774	0.00000186	0.0000777	0.000385	0.00142	0.0000484
2035 Nov	0.000161	0.000854	0.0917	0.00000895	1.08	2.34	0.0215	0.000387	6.83	0.0012	0.00923	0.000129	0.000134	0.0000629	0.0748	0.0000018	0.0000773	0.000355	0.00134	0.0000494
2035 Dec	0.000161	0.000855	0.0918	0.00000896	1.08	2.34	0.0215	0.000387	6.84	0.0012	0.00924	0.000129	0.000134	0.0000629	0.0749	0.0000018	0.0000775	0.000355	0.00134	0.0000495
2036 Jan	0.000161	0.000855	0.0918	0.00000896	1.08	2.34	0.0215	0.000387	6.84	0.0012	0.00924	0.000129	0.000134	0.0000629	0.0749	0.0000018	0.0000775	0.000356	0.00134	0.0000495
2036 Feb	0.000161	0.000855	0.0918	0.00000896	1.08	2.34	0.0215	0.000387	6.84	0.0012	0.00924	0.000129	0.000134	0.0000629	0.0749	0.0000018	0.0000775	0.000356	0.00134	0.0000495
2036 Mar	0.000162	0.000855	0.0918	0.00000896	1.08	2.34	0.0215	0.000387	6.85	0.0012	0.00924	0.000129	0.000134	0.0000629	0.0749	0.0000018	0.0000775	0.000356	0.00134	0.0000495
2036 Apr	0.000166	0.000868	0.0936	0.00000907	1.1	2.39	0.0222	0.000392	6.95	0.00122	0.00936	0.000133	0.000136	0.0000639	0.0764	0.00000182	0.0000785	0.000364	0.00136	0.0000502
2036 May	0.000182	0.00092	0.1	0.00000955	1.17	2.56	0.0247	0.000411	7.37	0.00129	0.00987	0.000146	0.000145	0.0000679	0.082	0.00000192	0.0000828	0.000395	0.00143	0.0000529
2036 Jun	0.000171	0.000797	0.0959	0.00000918	1.07	2.18	0.0248	0.000291	5.88	0.00119	0.00914	0.000165	0.000172	0.0000618	0.0729	0.00000184	0.0000698	0.000451	0.00158	0.0000384
2036 Jul	0.000156	0.000784	0.0951	0.00000961	1.05	2.03	0.0226	0.000256	5.42	0.00118	0.0093	0.000151	0.000186	0.0000596	0.0688	0.00000193	0.0000673	0.00045	0.0017	0.000034
2036 Aug	0.000175	0.000898	0.108	0.000011	1.19	2.31	0.0252	0.000297	6.21	0.00134	0.0106	0.000168	0.000206	0.0000681	0.0782	0.0000022	0.0000767	0.000495	0.00191	0.0000395
2036 Sep	0.00017	0.000909	0.105	0.0000108	1.19	2.37	0.0239	0.000331	6.52	0.00135	0.0105	0.000151	0.000194	0.0000689	0.0786	0.00000217	0.0000791	0.000459	0.00183	0.0000451
2036 Oct	0.000158	0.000896	0.0984	0.0000102	1.14	2.35	0.0212	0.000364	6.61	0.0013	0.0101	0.000125	0.000171	0.0000657	0.0759	0.00000205	0.0000802	0.000405	0.00165	0.0000497
2036 Nov	0.000156	0.000895	0.0971	0.0000101	1.13	2.36	0.0208	0.000372	6.7	0.00129	0.0101	0.00012	0.000168	0.0000654	0.0755	0.00000203	0.0000807	0.000395	0.00161	0.0000519
2036 Dec	0.000155	0.000893	0.0966	0.0000101	1.13	2.36	0.0206	0.000374	6.71	0.00129	0.01	0.000118	0.000166	0.0000652	0.0753	0.00000202	0.0000807	0.000391	0.0016	0.0000524
2037 Jan	0.000155	0.000893	0.0966	0.0000101	1.13	2.36	0.0206	0.000374	6.71	0.00129	0.01	0.000118	0.000166	0.0000652	0.0753	0.00000202	0.0000808	0.000391	0.0016	0.0000524
2037 Feb	0.000155	0.000894	0.0966	0.0000101	1.13	2.36	0.0206	0.000374	6.71	0.00129	0.01	0.000118	0.000166	0.0000652	0.0753	0.00000202	0.0000808	0.000391	0.0016	0.0000524
2037 Mar	0.000156	0.000896	0.0969	0.0000101	1.13	2.37	0.0206	0.000375	6.73	0.00129	0.0101	0.000119	0.000167	0.0000654	0.0755	0.00000202	0.000081	0.000392	0.0016	0.0000526
2037 Apr	0.000157	0.000903	0.0976	0.0000102	1.14	2.38	0.0208	0.000378	6.78	0.0013	0.0102	0.000119	0.000168	0.0000659	0.0761	0.00000204	0.0000816	0.000395	0.00162	0.000053
2037 May	0.000245	0.000971	0.122	0.0000102	1.32	2.8	0.0368	0.000349	6.98	0.0014	0.0105	0.000269	0.000181	0.0000778	0.0951	0.00000205	0.0000811	0.000559	0.00167	0.0000442
2037 Jun	0.000303	0.000886	0.131	0.00000891	1.31	2.8	0.0488	0.00024	6	0.00131	0.00928	0.000393	0.000184	0.0000794	0.1	0.00000178	0.0000674	0.000679	0.00157	0.0000282
2037 Jul	0.000315	0.000968	0.14	0.00000998	1.42	3	0.0506	0.00026	6.53	0.00144	0.0103	0.000406	0.000206	0.0000857	0.107	0.000002	0.0000741	0.000721	0.00177	0.0000328
2037 Aug	0.000338	0.00107	0.152	0.0000111	1.55	3.28	0.054	0.000296	7.24	0.00158	0.0113	0.000431	0.000222	0.000094	0.116	0.00000222	0.0000821	0.000765	0.00193	0.0000379
2037 Sep	0.000342	0.00112	0.156	0.0000116	1.61	3.39	0.054	0.000331	7.58	0.00164	0.0118	0.000425	0.000223	0.0000967	0.12	0.00000232	0.000087	0.000765	0.00197	0.0000409
2037 Oct	0.000303	0.00107	0.142	0.000011	1.5	3.13	0.0466	0.000355	7.14	0.00152	0.0114	0.000359	0.000194	0.0000876	0.11	0.0000022	0.0000852	0.000668	0.0018	0.0000395
2037 Nov	0.000301	0.00107	0.142	0.000011	1.49	3.13	0.046	0.000362	7.14	0.00152	0.0114	0.000353	0.000191	0.0000871	0.11	0.0000022	0.0000857	0.00066	0.00179	0.0000397
2037 Dec	0.000301	0.00107	0.142	0.000011	1.49	3.13	0.0461	0.000362	7.16	0.00152	0.0114	0.000353	0.000191	0.0000873	0.11	0.0000022	0.0000858	0.000661	0.00179	0.0000399
2038 Jan	0.000301	0.00107	0.142	0.000011	1.49	3.13	0.0461	0.000362	7.16	0.00152	0.0114	0.000353	0.000192	0.0000873	0.11	0.0000022	0.0000858	0.000661	0.00179	0.0000399
2038 Feb	0.000301	0.00107	0.142	0.000011	1.49	3.13	0.0461	0.000362	7.16	0.00152	0.0114	0.000353	0.000192	0.0000873	0.11	0.0000022	0.0000858	0.000661	0.00179	0.0000399
2038 Mar	0.000301	0.00107	0.142	0.000011	1.5	3.13	0.0461	0.000362	7.16	0.00152	0.0114	0.000353	0.000192	0.0000873	0.11	0.0000022	0.0000859	0.000661	0.00179	0.0000399
2038 Apr	0.000303	0.00108	0.143	0.0000111	1.51	3.16	0.0464	0.000365	7.21	0.00154	0.0115	0.000356	0.000193	0.0000879	0.111	0.00000222	0.0000865	0.000666	0.0018	0.0000402
2038 May	0.000337	0.00113	0.154	0.0000114	1.6	3.36	0.0522	0.000365	7.47	0.0016	0.0119	0.000408	0.000202	0.0000937	0.119	0.00000228	0.0000885	0.00073	0.00186	0.0000388
2038 Jun	0.000378	0.00102	0.157	0.00000999	1.55	3.26	0.0612	0.000261	6.45	0.00148	0.0106	0.000504	0.0002	0.0000922	0.12	0.000002	0.0000742	0.000819	0.00174	0.0000217
2038 Jul	0.000427	0.00118	0.181	0.0000118	1.79	3.72	0.0691	0.0003	7.4	0.00172	0.0124	0.000568	0.000237	0.000106	0.137	0.00000236	0.0000863	0.000941	0.00208	0.0000255
2038 Aug	0.000459	0.00132	0.197	0.0000133	1.98	4.08	0.0738	0.000353	8.25	0.00191	0.0138	0.000601	0.000255	0.000117	0.151	0.00000267	0.0000968	0.000998	0.00229	0.0000297
2038 Sep	0.000434	0.00131	0.19	0.0000132	1.93	3.97	0.069	0.000382	8.17	0.00188	0.0137	0.000555	0.00024	0.000113	0.146	0.00000265	0.0000978	0.000935	0.00222	0.0000316
2038 Oct	0.000403	0.00127	0.179	0.0000128	1.84	3.77	0.063	0.000398	7.86	0.00179	0.0134	0.000501	0.00022	0.000106	0.139	0.00000256	0.0000965	0.00086	0.00209	0.0000316
2038 Nov	0.000403	0.00128	0.18	0.0000128	1.85	3.79	0.063	0.000402	7.9	0.0018	0.0134	0.0005	0.00022	0.000107	0.139	0.00000257	0.0000971	0.00086	0.0021	0.0000321
2038 Dec	0.000403	0.00128	0.18	0.0000129	1.85	3.79	0.063	0.000402	7.91	0.0018	0.0134	0.0005	0.00022	0.000107	0.139	0.00000257	0.0000972	0.00086	0.0021	0.0000322
2039 Jan	0.000403	0.00128	0.18	0.0000129	1.85	3.79	0.063	0.000402	7.92	0.0018	0.0134	0.0005	0.00022	0.000107	0.139	0.00000257	0.0000972	0.00086	0.0021	0.0000323
2039 Feb	0.000403	0.00128	0.18	0.0000129	1.85	3.79	0.063	0.000402	7.92	0.0018	0.0134	0.0005	0.00022	0.000107	0.139	0.00000257	0.0000972	0.000861	0.0021	0.0000323
2039 Mar	0.000404	0.00128	0.18	0.0000129	1.85	3.8	0.0631	0.000403	7.93	0.0018	0.0135	0.000501	0.000221	0.000107	0.139	0.00000258	0.0000974	0.000862	0.0021	0.0000324

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Apr	0.000407	0.00129	0.181	0.000013	1.87	3.83	0.0636	0.000406	7.99	0.00181	0.0136	0.000505	0.000222	0.000108	0.14	0.0000026	0.0000981	0.000868	0.00212	0.0000326
2039 May	0.000423	0.00134	0.188	0.0000135	1.94	3.98	0.0662	0.000422	8.31	0.00189	0.0141	0.000526	0.000231	0.000112	0.146	0.0000027	0.000102	0.000903	0.0022	0.0000339
2039 Jun	0.000178	0.000872	0.0941	0.0000093	1.24	2.82	0.0279	0.000277	9.5	0.00148	0.00914	0.000183	0.000257	0.0000833	0.0773	0.00000204	0.000106	0.000531	0.00187	0.000114
2039 Jul	0.000118	0.000772	0.0782	0.00000887	1.06	2.18	0.0174	0.000217	8.07	0.00127	0.00834	0.000109	0.000222	0.0000674	0.0592	0.00000195	0.0000979	0.000389	0.00172	0.0000973
2039 Aug	0.000128	0.000929	0.0917	0.0000103	1.15	2.62	0.018	0.000281	9.12	0.00145	0.00937	0.000115	0.000216	0.000078	0.0686	0.00000215	0.000102	0.000326	0.0017	0.000114
2039 Sep	0.000134	0.000989	0.0958	0.0000107	1.2	2.84	0.0186	0.000326	9.66	0.00154	0.00987	0.000112	0.000219	0.0000829	0.0734	0.00000223	0.000107	0.000324	0.00172	0.000124
2039 Oct	0.000135	0.00101	0.0944	0.0000106	1.21	3.02	0.0185	0.000369	10.3	0.00158	0.00982	0.000103	0.000216	0.0000856	0.0753	0.00000217	0.000112	0.000308	0.00164	0.000138
2039 Nov	0.000136	0.00101	0.095	0.0000106	1.22	3.05	0.0186	0.000372	10.4	0.00159	0.00989	0.000104	0.000217	0.0000864	0.076	0.00000219	0.000113	0.00031	0.00165	0.000139
2039 Dec	0.000136	0.00101	0.0952	0.0000106	1.22	3.05	0.0186	0.000373	10.4	0.00159	0.0099	0.000104	0.000218	0.0000865	0.0761	0.00000219	0.000113	0.000311	0.00166	0.00014
2040 Jan	0.000137	0.00101	0.0952	0.0000106	1.22	3.05	0.0186	0.000373	10.4	0.00159	0.0099	0.000104	0.000218	0.0000865	0.0761	0.00000219	0.000113	0.000311	0.00166	0.00014
2040 Feb	0.000137	0.00101	0.0952	0.0000106	1.22	3.05	0.0186	0.000373	10.4	0.00159	0.0099	0.000104	0.000218	0.0000866	0.0761	0.00000219	0.000113	0.000311	0.00166	0.00014
2040 Mar	0.000137	0.00102	0.0954	0.0000107	1.22	3.06	0.0187	0.000374	10.4	0.0016	0.00993	0.000104	0.000218	0.0000867	0.0763	0.00000219	0.000114	0.000311	0.00166	0.00014
2040 Apr	0.000138	0.00102	0.0961	0.0000108	1.23	3.08	0.0188	0.000377	10.5	0.00161	0.01	0.000105	0.00022	0.0000874	0.0768	0.00000221	0.000114	0.000314	0.00167	0.000141
2040 May	0.00018	0.00108	0.109	0.000011	1.34	3.37	0.0263	0.000385	10.9	0.0017	0.0104	0.00017	0.000231	0.000095	0.0875	0.00000226	0.000118	0.000395	0.00173	0.000142
2040 Jun	0.000306	0.000928	0.126	0.00000856	1.46	3.07	0.05	0.000221	8.68	0.00144	0.00902	0.000404	0.000219	0.0000904	0.101	0.00000191	0.000102	0.000704	0.00168	0.0000765
2040 Jul	0.000273	0.000942	0.123	0.00000945	1.45	2.92	0.0441	0.00022	8.47	0.00147	0.00966	0.000349	0.00024	0.0000882	0.0956	0.00000212	0.000103	0.000684	0.00189	0.0000775
2040 Aug	0.000275	0.00101	0.129	0.0000105	1.49	3.17	0.0443	0.000253	8.95	0.00161	0.0104	0.000344	0.000259	0.0000947	0.1	0.00000226	0.000106	0.00069	0.00201	0.000089
2040 Sep	0.000256	0.00103	0.123	0.0000106	1.47	3.42	0.041	0.000314	9.78	0.0017	0.0103	0.000299	0.000263	0.0001	0.1	0.00000223	0.000109	0.00063	0.00195	0.000115
2040 Oct	0.000246	0.00105	0.12	0.0000107	1.46	3.59	0.039	0.00036	10.5	0.00175	0.0104	0.000272	0.000264	0.000103	0.1	0.00000222	0.000115	0.000597	0.00191	0.000133
2040 Nov	0.000247	0.00106	0.121	0.0000108	1.47	3.64	0.0391	0.000367	10.6	0.00177	0.0105	0.000272	0.000266	0.000104	0.101	0.00000223	0.000117	0.000599	0.00192	0.000136
2040 Dec	0.000247	0.00106	0.121	0.0000108	1.48	3.64	0.0392	0.000368	10.7	0.00177	0.0105	0.000272	0.000267	0.000104	0.101	0.00000224	0.000117	0.000599	0.00192	0.000136
2041 Jan	0.000247	0.00106	0.121	0.0000108	1.48	3.64	0.0392	0.000368	10.7	0.00177	0.0105	0.000272	0.000267	0.000104	0.101	0.00000224	0.000117	0.000599	0.00192	0.000136
2041 Feb	0.000247	0.00106	0.121	0.0000108	1.48	3.64	0.0392	0.000368	10.7	0.00177	0.0105	0.000272	0.000267	0.000104	0.101	0.00000224	0.000117	0.000599	0.00192	0.000136
2041 Mar	0.000248	0.00107	0.121	0.0000108	1.48	3.65	0.0393	0.000368	10.7	0.00177	0.0105	0.000272	0.000267	0.000104	0.101	0.00000224	0.000117	0.0006	0.00192	0.000136
2041 Apr	0.000249	0.00107	0.122	0.0000109	1.49	3.67	0.0395	0.00037	10.7	0.00178	0.0106	0.000274	0.000269	0.000105	0.102	0.00000225	0.000118	0.000604	0.00193	0.000137
2041 May	0.00026	0.00111	0.126	0.0000111	1.53	3.88	0.0414	0.000389	11.3	0.00186	0.0108	0.000286	0.000281	0.00011	0.106	0.0000023	0.000121	0.000625	0.00197	0.000149
2041 Jun	0.000161	0.000825	0.0899	0.0000093	1.17	2.65	0.0253	0.000257	8.6	0.00143	0.00887	0.000163	0.000254	0.0000791	0.072	0.00000199	0.000103	0.000504	0.00186	0.000113
2041 Jul	0.000114	0.00071	0.0752	0.00000863	1.03	1.82	0.0167	0.000177	6.52	0.00115	0.00821	0.000108	0.000217	0.0000595	0.055	0.00000195	0.0000892	0.000419	0.00179	0.0000727
2041 Aug	0.000126	0.000804	0.0861	0.00000995	1.13	2.05	0.0182	0.000211	6.88	0.0013	0.00931	0.000116	0.000235	0.0000665	0.0624	0.00000218	0.0000933	0.000446	0.00197	0.000077
2041 Sep	0.000129	0.000851	0.0887	0.0000104	1.15	2.32	0.0186	0.000263	7.34	0.00139	0.00959	0.000109	0.000237	0.0000723	0.0669	0.00000221	0.0000953	0.000429	0.00195	0.0000915
2041 Oct	0.000132	0.000898	0.0884	0.0000103	1.17	2.69	0.0188	0.000332	8.48	0.00149	0.00963	0.0000983	0.000238	0.0000792	0.0712	0.00000214	0.000105	0.000403	0.00184	0.000121
2041 Nov	0.000134	0.000914	0.0893	0.0000104	1.19	2.78	0.0191	0.000344	8.78	0.00152	0.00973	0.0000982	0.000241	0.0000811	0.0726	0.00000216	0.000108	0.000405	0.00185	0.000127
2041 Dec	0.000134	0.000915	0.0894	0.0000104	1.19	2.78	0.0192	0.000345	8.8	0.00152	0.00975	0.0000984	0.000241	0.0000813	0.0727	0.00000216	0.000108	0.000406	0.00185	0.000127
2042 Jan	0.000134	0.000916	0.0894	0.0000104	1.2	2.79	0.0192	0.000345	8.8	0.00152	0.00975	0.0000984	0.000241	0.0000813	0.0727	0.00000216	0.000108	0.000406	0.00185	0.000127
2042 Feb	0.000134	0.000916	0.0894	0.0000104	1.2	2.79	0.0192	0.000345	8.81	0.00152	0.00975	0.0000984	0.000241	0.0000813	0.0728	0.00000216	0.000108	0.000406	0.00185	0.000127
2042 Mar	0.000134	0.000917	0.0896	0.0000104	1.2	2.79	0.0192	0.000346	8.82	0.00152	0.00976	0.0000985	0.000242	0.0000814	0.0729	0.00000217	0.000109	0.000407	0.00185	0.000127
2042 Apr	0.000136	0.00093	0.0908	0.0000106	1.21	2.83	0.0195	0.00035	8.94	0.00155	0.0099	0.0000999	0.000245	0.0000826	0.0739	0.0000022	0.00011	0.000412	0.00188	0.000129
2042 May	0.000151	0.000986	0.0974	0.0000111	1.29	3.03	0.0218	0.00037	9.44	0.00164	0.0104	0.000116	0.000259	0.0000882	0.0795	0.0000023	0.000115	0.000445	0.00197	0.000137
2042 Jun	0.000138	0.0008	0.0871	0.00000968	1.12	2.38	0.021	0.000255	7.52	0.00136	0.00909	0.000127	0.000243	0.0000717	0.0666	0.00000202	0.0000977	0.000467	0.00188	0.0000972
2042 Jul	0.00012	0.000741	0.0846	0.00000968	1.03	1.95	0.018	0.000195	6.08	0.00123	0.00892	0.000116	0.000231	0.0000617	0.059	0.00000201	0.0000851	0.000446	0.0019	0.0000688
2042 Aug	0.00012	0.000837	0.0783	0.00000931	1.11	2.5	0.0168	0.000319	8.03	0.00137	0.00845	0.0000869	0.000195	0.0000757	0.0664	0.00000197	0.0000982	0.000304	0.00156	0.000118
2042 Sep	0.000122	0.000886	0.0753	0.00000929	1.17	2.75	0.0162	0.000415	8.78	0.00143	0.00846	0.0000641	0.000169	0.0000816	0.072	0.00000197	0.000106	0.000241	0.0014	0.000134
2042 Oct	0.000125	0.000922	0.0744	0.00000897	1.19	2.88	0.0159	0.000457	9.29	0.00145	0.0086	0.0000563	0.00016	0.0000824	0.074	0.00000195	0.000113	0.000231	0.00132	0.000145
2042 Nov	0.000127	0.000933	0.0752	0.00000906	1.21	2.92	0.016	0.000464	9.41	0.00146	0.00869	0.0000566	0.000162	0.0000834	0.0749	0.00000197	0.000114	0.000233	0.00133	0.000147
2042 Dec	0.000127	0.000934	0.0752	0.00000907	1.21	2.92	0.0161	0.000464	9.42	0.00146	0.0087	0.0000567	0.000162	0.0000835	0.075	0.00000197	0.000115	0.000234	0.00133	0.000148
2043 Jan	0.000127	0.000934	0.0752	0.00000907	1.21	2.92	0.0161	0.000464	9.43	0.00147	0.0087	0.0000567	0.000162	0.0000836	0.075	0.00000197	0.000115	0.000234	0.00133	0.000148
2043 Feb	0.000127	0.000934	0.0752	0.00000907	1.21	2.92	0.0161	0.000464	9.43	0.00147	0.0087	0.0000567	0.000163	0.0000836	0.075	0.00000197	0.000115	0.000234	0.00133	0.000148
2043 Mar	0.000127	0.000935	0.0753	0.00000907	1.21	2.93	0.0161	0.000465	9.43	0.00147	0.00871	0.0000567	0.000163	0.0000836	0.075	0.00000197	0.000115	0.000234	0.00133	0.000148
2043 Apr	0.000128	0.000947	0.0763	0.00000919	1.22	2.97	0.0163	0.000471	9.56	0.00149	0.00882	0.0000575	0.000165	0.0000847	0.076	0.000002	0.000116	0.000237	0.00135	0.00015
2043 May	0.000164	0.00102	0.0889	0.00000972	1.34	3.25	0.0224	0.000486	10	0.00159	0.00944	0.000109	0.000179	0.0000924	0.0861	0.0000021	0.000121	0.000308	0.00144	0.000153
2043 Jun	0.000323	0.000959	0.132	0.00000876	1.49	3.15	0.0525	0.000243	8.04	0.00146	0.0093	0.000423	0.000212	0.0000925	0.106	0.00000195	0.0000962	0.000721	0.00167	0.0000711
2043 Jul	0.000318	0.00102	0.14	0.0000103	1.56	3.18	0.0514	0.000247	7.95	0.00157	0.0105	0.000411	0.000244	0.0000951	0.109	0.00000224	0.0000989	0.000761	0.00199	0.000068
2043 Aug	0.000329	0.00112	0.149	0.0000115	1.67	3.51	0.053	0.000295	8.57	0.00174	0.0115	0.000415	0.000265	0.000104	0.117	0.00000245	0.000106	0.000784	0.00215	0.0000825
2043 Sep	0.000293	0.0011	0.137	0.0000113	1.58	3.59	0.0467	0.000345	8.78	0.00176	0.0111	0.000346	0.000259	0.000105	0.111	0.00000236	0.000106	0.000688	0.00202	0.000108
2043 Oct	0.00025	0.0011	0.122	0.0000108	1.48	3.74	0.0385	0.000435	9.44	0.00178	0.0108	0.000257	0.000245	0.000104	0.105	0.00000222	0.000114	0.000569	0.00181	0.000146
2043 Nov	0.000222	0.0011	0.112	0.0000105	1.42	3.77	0.0328	0.000492	9.64	0.00176	0.0106	0.000197	0.000228	0.000101	0.1	0.00000213	0.000118	0.000487	0.00166	0.000162
2043 Dec	0.000222	0.0011	0.112	0.0000105	1.42	3.77	0.0329	0.000493	9.65	0.00176	0.0106	0.000197	0.000229	0.000101	0.1	0.00000213	0.000118	0.000488	0.00166	0.000162
2044 Jan	0.000222	0.0011	0.112	0.0000105	1.42	3.77	0.0329	0.000493	9.65	0.00176	0.0106	0.000197	0.000229	0.000102	0.1	0.00000213	0.000118	0.000488	0.00166	0.000162
2044 Feb	0.000223	0.0011	0.112	0.0000105	1.42	3.78	0.0329	0.000493	9.66	0.00176	0.0106	0.000198	0.000229	0.000102	0.101	0.00000213	0.000118	0.000488	0.00166	0.000162
2044 Mar	0.000223	0.0011	0.113	0.0000105	1.42	3.78	0.033	0.000494	9.68	0.00177	0.0107	0.000198	0.00023	0.000102	0.101	0.00000214	0.000119	0.00049	0.00167	0.000163
2044 Apr	0.000224	0.00111	0.113	0.0000106	1.43	3.81	0.0332	0.000497	9.74	0.00178	0.0107	0.000199	0.000231	0.000102	0.101	0.00000215	0.000119	0.000492	0.00167	0.000164
2044 May	0.000236	0.00116	0.119	0.0000111	1.49	3.97	0.0349	0.000518	10.1	0.00185	0.0112	0.000211	0.00024	0.000107	0.106	0.00000224	0.000124	0.000516	0.00174	0.00017
2044 Jun	0.000159	0.000767	0.0878	0.00000877	1.11	2.21	0.0243	0.000226	6.52	0.00124	0.00858	0.000166	0.000216	0.0000673	0.0676	0.0000019	0.0000896	0.000486	0.00174	0.0000791
2044 Jul	0.000145	0.000797	0.0911	0.00000999	1.15	2.12	0.0221	0.000203	6.33	0.00132	0.00951	0.000147	0.000253	0.000068	0.0662	0.00000218	0.0000907	0.000528	0.00207	0.0000752
2044 Aug	0.000168	0.000936	0.106	0.0000117	1.34	2.49	0.0253	0.00025	7.29	0.00154	0.0111	0.000165	0.000289	0.0000797	0.0777	0.00000254	0.000104	0.000597	0.00239	0.0000876
2044 Sep	0.00014	0.000863	0.0917	0.0000106	1.18	2.41	0.02	0.00032	6.47	0.0014	0.00987	0.00011	0.000223	0.0000735	0.0722	0.00000219	0.0000918	0.000434	0.00191	0.0000892
2044 Oct	0.000137	0.000896	0.0892	0.0000103	1.17	2.58	0.0185	0.000393	6.88	0.00141	0.00985	0.0000879	0.000198	0.0000739	0.074	0.00000209	0.0000977	0.000378	0.0017	0.000104

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2044 Nov	0.000138	0.000911	0.0895	0.0000103	1.18	2.64	0.0183	0.00041	7.01	0.00142	0.00994	0.0000845	0.000195	0.0000747	0.075	0.00000209	0.0000996	0.000371	0.00168	0.000108
2044 Dec	0.000138	0.000912	0.0895	0.0000103	1.18	2.64	0.0184	0.000411	7.02	0.00143	0.00995	0.0000845	0.000195	0.0000748	0.0751	0.00000209	0.0000998	0.000371	0.00168	0.000108
2045 Jan	0.000138	0.000912	0.0895	0.0000103	1.18	2.64	0.0184	0.000411	7.02	0.00143	0.00995	0.0000845	0.000195	0.0000748	0.0751	0.00000209	0.0000998	0.000371	0.00168	0.000108
2045 Feb	0.000138	0.000912	0.0895	0.0000103	1.18	2.64	0.0184	0.000411	7.02	0.00143	0.00995	0.0000846	0.000195	0.0000748	0.0751	0.00000209	0.0000998	0.000371	0.00168	0.000108
2045 Mar	0.000138	0.000913	0.0897	0.0000103	1.18	2.64	0.0184	0.000411	7.03	0.00143	0.00996	0.0000847	0.000196	0.0000749	0.0752	0.0000021	0.0000999	0.000372	0.00169	0.000108
2045 Apr	0.000139	0.000919	0.0902	0.0000104	1.19	2.66	0.0185	0.000414	7.08	0.00144	0.01	0.0000852	0.000197	0.0000753	0.0757	0.00000211	0.000101	0.000374	0.0017	0.000109
2045 May	0.000145	0.000955	0.0938	0.0000108	1.24	2.77	0.0192	0.00043	7.36	0.00149	0.0104	0.0000886	0.000205	0.0000783	0.0787	0.00000219	0.000105	0.000389	0.00176	0.000113
2045 Jun	0.000126	0.000816	0.0811	0.0000095	1.1	2.56	0.0186	0.000302	7.22	0.00141	0.00899	0.0000937	0.000246	0.0000752	0.0664	0.000002	0.0001	0.000433	0.00183	0.000129
2045 Jul	0.000124	0.000787	0.086	0.0000102	1.1	2.2	0.0187	0.000221	6.25	0.00136	0.00945	0.000109	0.000266	0.0000691	0.0628	0.00000216	0.0000914	0.000498	0.00209	0.0000954
2045 Aug	0.000132	0.000856	0.0935	0.0000111	1.18	2.35	0.0197	0.00025	6.4	0.00146	0.0102	0.000113	0.000275	0.000074	0.0684	0.00000233	0.0000942	0.000511	0.00221	0.0000979
2045 Sep	0.00013	0.000863	0.0916	0.000011	1.17	2.41	0.0188	0.00029	6.32	0.00145	0.0101	0.000101	0.000254	0.0000744	0.0695	0.00000226	0.0000929	0.000462	0.00207	0.000102
2045 Oct	0.000132	0.000884	0.0927	0.0000111	1.18	2.5	0.019	0.00031	6.49	0.00148	0.0102	0.0000991	0.000253	0.0000761	0.0712	0.00000228	0.0000955	0.000458	0.00206	0.000107
2045 Nov	0.000133	0.00089	0.0933	0.0000112	1.19	2.52	0.0191	0.000312	6.54	0.00149	0.0103	0.0000998	0.000255	0.0000767	0.0718	0.0000023	0.0000963	0.000461	0.00207	0.000109
2045 Dec	0.000133	0.000892	0.0935	0.0000112	1.19	2.53	0.0191	0.000313	6.56	0.00149	0.0103	0.0000999	0.000255	0.0000769	0.0719	0.0000023	0.0000964	0.000462	0.00208	0.000109
2046 Jan	0.000133	0.000892	0.0935	0.0000112	1.19	2.53	0.0191	0.000313	6.56	0.00149	0.0103	0.0000999	0.000256	0.0000769	0.0719	0.0000023	0.0000965	0.000462	0.00208	0.000109
2046 Feb	0.000133	0.000892	0.0935	0.0000112	1.19	2.53	0.0191	0.000313	6.56	0.00149	0.0103	0.0001	0.000256	0.0000769	0.0719	0.0000023	0.0000965	0.000462	0.00208	0.000109
2046 Mar	0.000134	0.000895	0.0938	0.0000112	1.2	2.54	0.0192	0.000314	6.58	0.0015	0.0104	0.0001	0.000256	0.0000772	0.0721	0.00000231	0.0000968	0.000463	0.00208	0.000109
2046 Apr	0.000135	0.000907	0.095	0.0000114	1.21	2.57	0.0194	0.000318	6.67	0.00152	0.0105	0.000102	0.00026	0.0000782	0.0731	0.00000234	0.000098	0.000469	0.00211	0.000111
2046 May	0.000145	0.000948	0.1	0.0000118	1.27	2.7	0.021	0.000331	6.97	0.00159	0.0109	0.000112	0.000271	0.000082	0.0771	0.00000243	0.000102	0.000495	0.0022	0.000116
2046 Jun	0.000133	0.000768	0.0836	0.00000939	1.08	2.2	0.0201	0.000225	6.06	0.0013	0.00884	0.000124	0.000241	0.0000686	0.0636	0.00000202	0.0000876	0.000469	0.00189	0.0000956
2046 Jul	0.000111	0.000691	0.0796	0.00000927	0.989	1.6	0.0163	0.000154	4.79	0.00111	0.00866	0.000108	0.000219	0.0000542	0.0539	0.00000201	0.0000745	0.000445	0.00191	0.0000486
2046 Aug	0.00012	0.000769	0.0878	0.0000103	1.08	1.8	0.0173	0.000192	5.06	0.00123	0.00951	0.000112	0.000228	0.0000602	0.0603	0.00000219	0.000079	0.000455	0.00202	0.0000546
2046 Sep	0.000118	0.000804	0.0832	0.00000997	1.07	2.15	0.0162	0.000297	5.58	0.00128	0.00912	0.0000851	0.000196	0.0000663	0.0645	0.00000204	0.0000847	0.000356	0.00172	0.000087
2046 Oct	0.000124	0.00088	0.0828	0.00000973	1.12	2.6	0.0162	0.000401	6.71	0.00138	0.0093	0.000069	0.000185	0.0000733	0.0706	0.00000198	0.000101	0.000319	0.00155	0.000127
2046 Nov	0.000126	0.000899	0.0833	0.00000975	1.14	2.69	0.0164	0.00042	6.93	0.00141	0.00939	0.0000671	0.000185	0.000075	0.072	0.00000198	0.000104	0.000316	0.00153	0.000135
2046 Dec	0.000126	0.0009	0.0834	0.00000976	1.14	2.7	0.0164	0.00042	6.94	0.00141	0.00941	0.0000672	0.000186	0.0000752	0.0722	0.00000198	0.000104	0.000317	0.00153	0.000135
2047 Jan	0.000126	0.0009	0.0834	0.00000977	1.14	2.7	0.0164	0.00042	6.94	0.00142	0.00941	0.0000672	0.000186	0.0000752	0.0722	0.00000198	0.000104	0.000317	0.00153	0.000136
2047 Feb	0.000127	0.000901	0.0834	0.00000977	1.14	2.7	0.0164	0.000421	6.95	0.00142	0.00941	0.0000672	0.000186	0.0000752	0.0722	0.00000198	0.000104	0.000317	0.00153	0.000136
2047 Mar	0.000127	0.000905	0.0839	0.00000982	1.15	2.72	0.0165	0.000423	6.98	0.00142	0.00946	0.0000676	0.000187	0.0000756	0.0726	0.00000199	0.000105	0.000319	0.00154	0.000136
2047 Apr	0.000128	0.000911	0.0844	0.00000989	1.15	2.73	0.0166	0.000426	7.03	0.00143	0.00952	0.000068	0.000188	0.0000761	0.0731	0.00000201	0.000106	0.000321	0.00155	0.000137
2047 May	0.000182	0.000979	0.0993	0.00000999	1.29	3.11	0.0262	0.000424	7.63	0.00154	0.00985	0.000154	0.000203	0.0000863	0.0859	0.00000205	0.000109	0.000421	0.0016	0.000143
2047 Jun	0.000392	0.00105	0.153	0.00000908	1.63	3.65	0.0648	0.000251	7.87	0.0016	0.00985	0.000531	0.000229	0.000105	0.123	0.00000197	0.0000946	0.000848	0.00173	0.0000811
2047 Jul	0.000411	0.00113	0.168	0.0000108	1.75	3.85	0.0679	0.000264	7.98	0.00176	0.0113	0.000554	0.000266	0.000111	0.132	0.00000225	0.000099	0.000933	0.00205	0.000079
2047 Aug	0.000432	0.00124	0.18	0.000012	1.9	4.17	0.0711	0.000305	8.57	0.00193	0.0124	0.000575	0.000287	0.000121	0.141	0.00000249	0.000107	0.000979	0.00224	0.0000897
2047 Sep	0.000329	0.00111	0.145	0.000011	1.61	3.69	0.0527	0.000352	7.63	0.00174	0.0111	0.000402	0.000245	0.000106	0.118	0.00000225	0.000101	0.000736	0.00193	0.000108
2047 Oct	0.000264	0.00107	0.123	0.0000103	1.46	3.62	0.0406	0.00043	7.75	0.00169	0.0105	0.00028	0.000221	0.0000995	0.106	0.0000021	0.000109	0.000576	0.00168	0.000145
2047 Nov	0.000253	0.00107	0.12	0.0000103	1.45	3.64	0.0384	0.000452	7.87	0.00169	0.0105	0.000256	0.000217	0.000099	0.104	0.00000208	0.000112	0.000546	0.00164	0.000154
2047 Dec	0.000253	0.00108	0.12	0.0000103	1.45	3.65	0.0384	0.000452	7.88	0.00169	0.0105	0.000257	0.000217	0.0000992	0.104	0.00000208	0.000112	0.000547	0.00164	0.000155
2048 Jan	0.000253	0.00108	0.12	0.0000103	1.45	3.65	0.0384	0.000453	7.89	0.00169	0.0105	0.000257	0.000218	0.0000993	0.104	0.00000208	0.000112	0.000548	0.00164	0.000155
2048 Feb	0.000253	0.00108	0.12	0.0000103	1.45	3.66	0.0385	0.000453	7.89	0.00169	0.0105	0.000257	0.000218	0.0000993	0.104	0.00000208	0.000112	0.000548	0.00164	0.000155
2048 Mar	0.000253	0.00108	0.12	0.0000103	1.45	3.66	0.0385	0.000453	7.89	0.00169	0.0105	0.000257	0.000218	0.0000994	0.104	0.00000208	0.000112	0.000548	0.00164	0.000155
2048 Apr	0.000256	0.00109	0.121	0.0000104	1.47	3.7	0.039	0.000457	7.97	0.00171	0.0106	0.00026	0.00022	0.0001	0.105	0.0000021	0.000113	0.000554	0.00166	0.000157
2048 May	0.000268	0.00114	0.127	0.0000109	1.53	3.86	0.0408	0.000478	8.33	0.00179	0.0111	0.000272	0.00023	0.000105	0.11	0.0000022	0.000118	0.00058	0.00174	0.000164
2048 Jun	0.000162	0.000826	0.091	0.00000927	1.15	2.39	0.0241	0.000274	6.06	0.00132	0.0091	0.000157	0.000217	0.0000713	0.0719	0.00000199	0.0000906	0.000476	0.00176	0.0000971
2048 Jul	0.000115	0.000705	0.0839	0.00000977	1	1.61	0.0169	0.000157	4.39	0.00114	0.00908	0.000112	0.000228	0.0000545	0.0556	0.00000208	0.000072	0.000471	0.002	0.0000434
2048 Aug	0.000117	0.000771	0.0874	0.0000103	1.05	1.84	0.0167	0.000218	4.61	0.00122	0.00937	0.000104	0.000211	0.0000602	0.0608	0.00000212	0.0000747	0.000411	0.00191	0.0000591
2048 Sep	0.000119	0.00082	0.0855	0.0000103	1.09	2.18	0.0165	0.000298	5.21	0.0013	0.00929	0.0000881	0.000196	0.0000676	0.0658	0.00000209	0.0000828	0.000353	0.00175	0.000091
2048 Oct	0.000124	0.000878	0.0839	0.00001	1.13	2.6	0.0168	0.000377	6.12	0.00141	0.00928	0.0000758	0.000196	0.0000754	0.0707	0.00000203	0.0000963	0.000326	0.00162	0.000135
2048 Nov	0.000127	0.000906	0.0844	0.00001	1.15	2.75	0.017	0.000407	6.43	0.00146	0.0094	0.0000725	0.000196	0.0000783	0.0729	0.00000203	0.000101	0.000321	0.00159	0.00015
2048 Dec	0.000127	0.000907	0.0845	0.00001	1.15	2.76	0.017	0.000407	6.44	0.00146	0.00941	0.0000725	0.000197	0.0000784	0.073	0.00000203	0.000101	0.000321	0.00159	0.00015
2049 Jan	0.000127	0.000907	0.0845	0.00001	1.15	2.76	0.017	0.000407	6.44	0.00146	0.00941	0.0000725	0.000197	0.0000785	0.073	0.00000203	0.000101	0.000321	0.00159	0.00015
2049 Feb	0.000127	0.000907	0.0845	0.00001	1.15	2.76	0.017	0.000408	6.44	0.00146	0.00941	0.0000726	0.000197	0.0000785	0.0731	0.00000203	0.000101	0.000322	0.00159	0.00015
2049 Mar	0.000128	0.000909	0.0847	0.0000101	1.15	2.76	0.0171	0.000408	6.45	0.00146	0.00943	0.0000727	0.000197	0.0000786	0.0732	0.00000204	0.000102	0.000322	0.0016	0.00015
2049 Apr	0.000129	0.000918	0.0856	0.0000102	1.16	2.79	0.0172	0.000413	6.52	0.00148	0.00953	0.0000734	0.000199	0.0000794	0.0739	0.00000206	0.000103	0.000325	0.00161	0.000152
2049 May	0.000139	0.000961	0.0904	0.0000106	1.22	2.94	0.0188	0.00043	6.8	0.00154	0.00994	0.0000836	0.000208	0.0000835	0.0781	0.00000214	0.000107	0.000347	0.00168	0.000158
2049 Jun	0.000126	0.000734	0.0788	0.00000878	1.03	1.95	0.0183	0.00022	5.28	0.00118	0.00842	0.000114	0.000207	0.0000615	0.06	0.00000192	0.0000815	0.000421	0.00173	0.0000816
2049 Jul	0.000116	0.00071	0.0822	0.00000954	1.01	1.66	0.017	0.000163	4.57	0.00115	0.00892	0.000112	0.000225	0.0000559	0.056	0.00000206	0.0000741	0.000461	0.00196	0.0000527
2049 Aug	0.000134	0.000831	0.0955	0.0000111	1.17	1.96	0.0194	0.000202	5.22	0.00133	0.0103	0.000126	0.000255	0.0000655	0.0655	0.00000238	0.0000849	0.000517	0.00224	0.0000633
2049 Sep	0.000127	0.000846	0.0899	0.0000106	1.12	2.25	0.0178	0.00029	5.21	0.00136	0.00985	0.0000982	0.000225	0.000069	0.0676	0.00000218	0.0000861	0.000423	0.00192	0.0000972
2049 Oct	0.000128	0.000894	0.0872	0.0000101	1.13	2.56	0.0169	0.000383	5.7	0.0014	0.00978	0.000077	0.0002	0.0000722	0.0712	0.00000206	0.0000955	0.000364	0.00168	0.000129
2049 Nov	0.00013	0.000911	0.0875	0.0000101	1.14	2.65	0.0169	0.000403	5.86	0.00142	0.00985	0.0000743	0.000199	0.0000737	0.0725	0.00000205	0.0000985	0.000358	0.00166	0.000137
2049 Dec	0.00013	0.000913	0.0877	0.0000101	1.14	2.65	0.0169	0.000403	5.87	0.00142	0.00987	0.0000744	0.000199	0.0000738	0.0727	0.00000206	0.0000987	0.000359	0.00166	0.000138
2050 Jan	0.00013	0.000913	0.0877	0.0000101	1.14	2.65	0.0169	0.000403	5.88	0.00142	0.00987	0.0000744	0.0002	0.0000739	0.0727	0.00000206	0.0000988	0.000359	0.00166	0.000138
2050 Feb	0.00013	0.000913	0.0877	0.0000101	1.14	2.65	0.0169	0.000403	5.88	0.00142	0.00987	0.0000745	0.0002	0.0000739	0.0727	0.00000206	0.0000988	0.000359	0.00166	0.000138
2050 Mar	0.00013	0.000914	0.0877	0.0000101	1.14	2.66	0.017	0.000404	5.88	0.00142	0.00988	0.0000745	0.0002	0.0000739	0.0727	0.00000206	0.0000988	0.000359	0.00166	0.000138
2050 Apr	0.000131	0.000921	0.0884	0.0000102	1.15	2.68	0.0171	0.000407	5.92	0.00144	0.00995	0.000075	0.000201	0.0000745	0.0733	0.00000207	0.0000996	0.000362	0.00167	0.000139
2050 May	0.000139	0.000957	0.0923	0.0000106	1.2	2.79	0.0182	0.000422	6.15	0.00149	0.0103	0.0000817	0.000209	0.0000777	0.0766	0.00000215	0.000103	0.000379	0.00173	0.000145

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Jun	0.000162	0.000797	0.0904	0.00000903	1.12	2.25	0.0242	0.000245	5.43	0.00126	0.00889	0.000164	0.000212	0.0000678	0.0698	0.00000194	0.0000838	0.00048	0.00174	0.0000883
2050 Jul	0.000119	0.000703	0.0819	0.00000916	0.983	1.66	0.0173	0.000166	4.42	0.0011	0.00859	0.00012	0.000205	0.0000545	0.0559	0.00000196	0.0000712	0.000428	0.00181	0.0000513
2050 Aug	0.000128	0.00079	0.0916	0.0000103	1.07	1.85	0.0185	0.000195	4.7	0.00122	0.00951	0.000127	0.000216	0.0000603	0.062	0.00000215	0.0000765	0.000438	0.00193	0.0000584
2050 Sep	0.000127	0.000826	0.0903	0.0000103	1.08	2.08	0.0177	0.000257	4.87	0.00127	0.0095	0.000111	0.000202	0.0000644	0.065	0.00000211	0.0000801	0.000389	0.0018	0.0000817
2050 Oct	0.00013	0.000857	0.0922	0.0000105	1.11	2.2	0.018	0.000281	5.09	0.00132	0.00974	0.00011	0.000204	0.000067	0.0675	0.00000215	0.0000841	0.000389	0.00181	0.0000912
2050 Nov	0.000132	0.000866	0.0931	0.0000106	1.12	2.23	0.0182	0.000284	5.14	0.00133	0.00983	0.000111	0.000207	0.0000679	0.0682	0.00000217	0.0000852	0.000393	0.00183	0.0000933
2050 Dec	0.000132	0.000867	0.0932	0.0000106	1.13	2.24	0.0182	0.000285	5.15	0.00134	0.00985	0.000111	0.000207	0.000068	0.0683	0.00000217	0.0000853	0.000393	0.00183	0.0000936
2051 Jan	0.000132	0.000868	0.0932	0.0000106	1.13	2.24	0.0182	0.000285	5.15	0.00134	0.00985	0.000111	0.000207	0.0000681	0.0684	0.00000217	0.0000853	0.000393	0.00183	0.0000938
2051 Feb	0.000132	0.000868	0.0933	0.0000106	1.13	2.24	0.0182	0.000285	5.16	0.00134	0.00985	0.000111	0.000208	0.0000681	0.0684	0.00000217	0.0000854	0.000393	0.00183	0.0000938
2051 Mar	0.000132	0.000869	0.0934	0.0000106	1.13	2.24	0.0183	0.000285	5.16	0.00134	0.00986	0.000111	0.000208	0.0000682	0.0685	0.00000217	0.0000855	0.000394	0.00184	0.0000939
2051 Apr	0.000134	0.000879	0.0944	0.0000107	1.14	2.27	0.0185	0.000289	5.22	0.00135	0.00997	0.000112	0.00021	0.000069	0.0692	0.0000022	0.0000864	0.000398	0.00186	0.000095
2051 May	0.000161	0.000947	0.103	0.0000111	1.24	2.64	0.0232	0.000314	5.78	0.00149	0.0104	0.000148	0.00023	0.0000787	0.0779	0.00000227	0.0000937	0.00045	0.00192	0.00012
2051 Jun	0.000195	0.000781	0.0949	0.00000836	1.16	2.34	0.0309	0.000188	5.67	0.00126	0.00833	0.000232	0.000221	0.0000722	0.0738	0.00000188	0.0000819	0.000547	0.00173	0.0000899
2051 Jul	0.00015	0.000769	0.0885	0.00000929	1.12	1.99	0.0228	0.000173	5.25	0.00124	0.00896	0.000161	0.000236	0.0000652	0.0646	0.00000209	0.0000808	0.000514	0.00196	0.0000755
2051 Aug	0.000141	0.000797	0.091	0.00001	1.1	2.07	0.021	0.000222	4.79	0.00127	0.00925	0.00014	0.000218	0.0000663	0.0665	0.0000021	0.0000776	0.000448	0.00188	0.0000799
2051 Sep	0.000133	0.000829	0.0861	0.00000973	1.1	2.2	0.018	0.000325	5	0.00126	0.00919	0.000101	0.000174	0.0000658	0.0683	0.000002	0.000084	0.000353	0.00161	0.0000941
2051 Oct	0.00013	0.000909	0.0812	0.00000891	1.13	2.36	0.0144	0.000453	5.7	0.00123	0.00944	0.0000585	0.00012	0.000063	0.0711	0.00000191	0.000098	0.000262	0.00128	0.00011
2051 Nov	0.000131	0.000927	0.082	0.00000898	1.14	2.4	0.0144	0.000469	5.78	0.00124	0.0096	0.000056	0.000117	0.0000634	0.0722	0.00000192	0.0001	0.000259	0.00127	0.000112
2051 Dec	0.000131	0.000929	0.0821	0.00000899	1.14	2.41	0.0144	0.00047	5.79	0.00124	0.00961	0.0000561	0.000118	0.0000636	0.0723	0.00000193	0.0001	0.00026	0.00127	0.000113
2052 Jan	0.000131	0.000929	0.0821	0.00000899	1.14	2.41	0.0144	0.00047	5.79	0.00124	0.00961	0.0000561	0.000118	0.0000636	0.0723	0.00000193	0.0001	0.00026	0.00127	0.000113
2052 Feb	0.000131	0.000929	0.0821	0.00000899	1.14	2.41	0.0144	0.00047	5.8	0.00124	0.00962	0.0000561	0.000118	0.0000636	0.0724	0.00000193	0.0001	0.00026	0.00127	0.000113
2052 Mar	0.000132	0.000932	0.0824	0.00000902	1.15	2.41	0.0144	0.000472	5.81	0.00125	0.00965	0.0000563	0.000118	0.0000638	0.0726	0.00000193	0.000101	0.000261	0.00127	0.000113
2052 Apr	0.000133	0.000938	0.0829	0.00000907	1.15	2.43	0.0145	0.000474	5.85	0.00125	0.00971	0.0000566	0.000119	0.0000642	0.073	0.00000194	0.000101	0.000262	0.00128	0.000114
2052 May	0.000188	0.001	0.101	0.0000095	1.28	2.79	0.0244	0.000476	6.06	0.00136	0.0103	0.000144	0.000134	0.0000734	0.0866	0.00000199	0.000101	0.00037	0.00136	0.000113
2052 Jun	0.000317	0.000984	0.133	0.0000091	1.48	3.08	0.0504	0.000272	6.65	0.00144	0.00981	0.000403	0.0002	0.0000887	0.106	0.00000199	0.0000903	0.000704	0.00167	0.000073
2052 Jul	0.000254	0.000945	0.124	0.00000999	1.33	2.74	0.0399	0.000248	5.66	0.0014	0.00995	0.000316	0.000205	0.0000805	0.0928	0.00000206	0.0000827	0.000599	0.00176	0.0000735
2052 Aug	0.000237	0.000982	0.123	0.0000106	1.34	2.78	0.0363	0.000282	5.68	0.00145	0.0102	0.00028	0.000199	0.0000821	0.0921	0.00000216	0.0000851	0.000535	0.00175	0.0000864
2052 Sep	0.000203	0.000967	0.111	0.0000103	1.28	2.74	0.0298	0.00034	5.6	0.00142	0.00991	0.000213	0.000175	0.0000797	0.0869	0.00000209	0.0000879	0.00043	0.0016	0.000105
2052 Oct	0.000192	0.000983	0.106	0.0000103	1.28	2.83	0.0274	0.000385	5.83	0.00144	0.00996	0.000183	0.00017	0.0000803	0.0863	0.00000207	0.0000943	0.000394	0.00153	0.000124
2052 Nov	0.000193	0.000992	0.107	0.0000104	1.29	2.86	0.0276	0.000389	5.88	0.00146	0.01	0.000184	0.000171	0.0000812	0.0871	0.00000209	0.0000953	0.000397	0.00155	0.000126
2052 Dec	0.000194	0.000993	0.107	0.0000104	1.29	2.87	0.0276	0.000389	5.89	0.00146	0.0101	0.000184	0.000172	0.0000813	0.0872	0.00000209	0.0000955	0.000398	0.00155	0.000126
2053 Jan	0.000194	0.000994	0.108	0.0000104	1.29	2.87	0.0277	0.000389	5.89	0.00146	0.0101	0.000184	0.000172	0.0000814	0.0873	0.0000021	0.0000955	0.000398	0.00155	0.000126
2053 Feb	0.000194	0.000995	0.108	0.0000104	1.29	2.87	0.0277	0.00039	5.9	0.00146	0.0101	0.000185	0.000172	0.0000815	0.0873	0.0000021	0.0000956	0.000399	0.00155	0.000127
2053 Mar	0.000195	0.000999	0.108	0.0000104	1.3	2.89	0.0278	0.000391	5.92	0.00147	0.0101	0.000185	0.000173	0.0000818	0.0877	0.00000211	0.000096	0.0004	0.00156	0.000127
2053 Apr	0.000197	0.00101	0.109	0.0000105	1.31	2.92	0.0281	0.000396	5.99	0.00149	0.0102	0.000188	0.000175	0.0000828	0.0887	0.00000213	0.0000971	0.000405	0.00158	0.000129
2053 May	0.000317	0.00115	0.139	0.0000104	1.58	4.04	0.0504	0.000409	7.3	0.0018	0.0105	0.000374	0.000231	0.000112	0.118	0.00000211	0.00011	0.000642	0.00166	0.000191
2053 Jun	0.000361	0.000978	0.14	0.00000834	1.53	3.34	0.0595	0.000219	6.96	0.00149	0.00911	0.000489	0.000215	0.0000974	0.113	0.00000188	0.000088	0.000784	0.00163	0.0000887
2053 Jul	0.000356	0.00104	0.146	0.00000966	1.6	3.39	0.0584	0.000228	7.15	0.00159	0.0102	0.000476	0.000245	0.0001	0.116	0.00000214	0.0000941	0.00082	0.00191	0.0000897
2053 Aug	0.000375	0.00114	0.158	0.0000109	1.73	3.7	0.0612	0.00027	7.47	0.00176	0.0113	0.000493	0.000265	0.000109	0.125	0.00000236	0.000101	0.00086	0.00209	0.000105
2053 Sep	0.000395	0.00122	0.167	0.0000118	1.84	4.03	0.0644	0.000306	7.91	0.00191	0.0121	0.000514	0.000286	0.000118	0.133	0.00000253	0.000109	0.000904	0.00223	0.000126
2053 Oct	0.000391	0.00125	0.166	0.0000119	1.85	4.22	0.0638	0.000334	7.96	0.00198	0.0121	0.000501	0.000297	0.000123	0.135	0.00000254	0.000113	0.000895	0.00223	0.000157
2053 Nov	0.000382	0.00124	0.163	0.0000118	1.82	4.31	0.0623	0.00035	7.87	0.002	0.012	0.000482	0.000301	0.000124	0.133	0.0000025	0.000114	0.000874	0.00219	0.000178
2053 Dec	0.000382	0.00124	0.163	0.0000118	1.82	4.31	0.0623	0.00035	7.88	0.002	0.012	0.000483	0.000301	0.000124	0.134	0.0000025	0.000114	0.000874	0.0022	0.000178
2054 Jan	0.000382	0.00124	0.163	0.0000118	1.82	4.31	0.0624	0.00035	7.88	0.002	0.012	0.000483	0.000301	0.000124	0.134	0.0000025	0.000114	0.000875	0.0022	0.000178
2054 Feb	0.000382	0.00124	0.163	0.0000118	1.82	4.31	0.0624	0.00035	7.89	0.002	0.012	0.000483	0.000301	0.000124	0.134	0.0000025	0.000114	0.000875	0.0022	0.000178
2054 Mar	0.000383	0.00124	0.163	0.0000118	1.82	4.32	0.0624	0.00035	7.89	0.002	0.012	0.000483	0.000301	0.000124	0.134	0.0000025	0.000114	0.000875	0.0022	0.000178
2054 Apr	0.000387	0.00126	0.165	0.0000119	1.84	4.36	0.063	0.000354	7.97	0.00202	0.0121	0.000488	0.000304	0.000126	0.135	0.00000253	0.000116	0.000884	0.00222	0.00018
2054 May	0.000406	0.00129	0.17	0.0000121	1.89	4.65	0.0666	0.000372	8.17	0.00212	0.0123	0.000514	0.000318	0.000133	0.141	0.00000253	0.000119	0.000918	0.00223	0.000205
2054 Jun	0.000324	0.000926	0.136	0.00000931	1.43	3.22	0.054	0.000216	5.99	0.00151	0.00944	0.000434	0.000244	0.0000934	0.106	0.0000019	0.0000843	0.000777	0.00181	0.0000985
2054 Jul	0.000212	0.000826	0.109	0.00000965	1.2	2.39	0.0339	0.000187	4.96	0.00132	0.00928	0.000262	0.00023	0.0000734	0.0796	0.000002	0.0000768	0.000591	0.00188	0.0000772
2054 Aug	0.000189	0.000855	0.104	0.0000101	1.19	2.42	0.0291	0.000246	4.9	0.00134	0.00937	0.000213	0.000208	0.0000743	0.0784	0.00000205	0.0000789	0.000492	0.00178	0.0000931
2054 Sep	0.000173	0.000878	0.0991	0.0000102	1.2	2.49	0.0256	0.00031	4.99	0.00137	0.00939	0.000171	0.000187	0.0000756	0.0785	0.00000206	0.0000829	0.000414	0.00167	0.000109
2054 Oct	0.00016	0.000892	0.0931	0.00000981	1.18	2.53	0.0224	0.000366	5.19	0.00135	0.00931	0.000135	0.000167	0.000074	0.0772	0.000002	0.0000888	0.000357	0.00152	0.000124
2054 Nov	0.000156	0.0009	0.091	0.00000964	1.18	2.55	0.0214	0.000384	5.34	0.00134	0.00929	0.000124	0.00016	0.0000735	0.0768	0.00000199	0.0000917	0.000339	0.00147	0.000129
2054 Dec	0.000157	0.000902	0.0911	0.00000965	1.18	2.56	0.0214	0.000385	5.35	0.00135	0.00931	0.000124	0.00016	0.0000737	0.077	0.00000199	0.0000919	0.00034	0.00148	0.00013
2055 Jan	0.000157	0.000902	0.0911	0.00000965	1.18	2.56	0.0214	0.000385	5.35	0.00135	0.00931	0.000124	0.00016	0.0000738	0.077	0.00000199	0.0000919	0.00034	0.00148	0.00013
2055 Feb	0.000157	0.000902	0.0911	0.00000965	1.18	2.56	0.0214	0.000385	5.35	0.00135	0.00931	0.000124	0.00016	0.0000738	0.077	0.00000199	0.0000919	0.00034	0.00148	0.00013
2055 Mar	0.000157	0.000903	0.0912	0.00000966	1.19	2.56	0.0214	0.000385	5.35	0.00135	0.00932	0.000124	0.000161	0.0000739	0.0771	0.00000199	0.000092	0.000341	0.00148	0.00013
2055 Apr	0.000158	0.000911	0.092	0.00000975	1.2	2.58	0.0216	0.000389	5.4	0.00136	0.0094	0.000125	0.000162	0.0000745	0.0777	0.00000201	0.0000928	0.000343	0.00149	0.000131
2055 May	0.000164	0.000945	0.0954	0.0000101	1.24	2.68	0.0224	0.000403	5.6	0.00141	0.00975	0.00013	0.000168	0.0000773	0.0806	0.00000209	0.0000963	0.000356	0.00155	0.000136
2055 Jun	0.000118	0.000711	0.0766	0.00000871	0.997	1.79	0.0168	0.000206	4.47	0.00113	0.00834	0.000105	0.0002	0.0000575	0.0571	0.00000191	0.0000755	0.000408	0.00172	0.0000805
2055 Jul	0.000115	0.000706	0.0817	0.00000948	1.01	1.57	0.0166	0.000155	4.19	0.00112	0.00892	0.000111	0.00022	0.0000054	0.0552	0.00000207	0.0000706	0.000459	0.00196	0.0000485
2055 Aug	0.000123	0.000777	0.0903	0.0000105	1.09	1.71	0.0176	0.000181	4.33	0.00121	0.00979	0.000117	0.00023	0.0000585	0.0606	0.00000225	0.0000742	0.000474	0.00209	0.0000508
2055 Sep	0.000119	0.000785	0.0882	0.0000105	1.07	1.81	0.0164	0.000236	4.18	0.00121	0.0096	0.0001	0.000204	0.0000595	0.0622	0.00000217	0.0000742	0.00041	0.00192	0.0000628
2055 Oct	0.000122	0.000809	0.089	0.0000106	1.09	1.92	0.0165	0.000264	4.33	0.00124	0.00974	0.0000965	0.0002	0.0000613	0.0642	0.00000217	0.0000778	0.0004	0.00189	0.0000732
2055 Nov	0.000123	0.000818	0.0893	0.0000106	1.1	1.96	0.0166	0.000273	4.38	0.00126	0.00979	0.0000955	0.0002	0.0000621	0.0649	0.00000218	0.0000791	0.000398	0.00188	0.000078
2055 Dec	0.000123	0.000819	0.0893	0.0000106	1.1	1.97	0.0166	0.000274	4.38	0.00126	0.00979	0.0000954	0.0002	0.0000623	0.065	0.00000218	0.0000793	0.000398	0.00188	0.0000789

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Jan	0.000123	0.000819	0.0894	0.0000106	1.1	1.97	0.0166	0.000274	4.39	0.00126	0.0098	0.0000954	0.0002	0.0000623	0.065	0.00000218	0.0000793	0.000398	0.00188	0.000079
2056 Feb	0.000123	0.00082	0.0894	0.0000106	1.1	1.97	0.0166	0.000274	4.39	0.00126	0.0098	0.0000954	0.0002	0.0000623	0.0651	0.00000218	0.0000793	0.000399	0.00188	0.000079
2056 Mar	0.000123	0.000821	0.0895	0.0000106	1.1	1.97	0.0166	0.000274	4.39	0.00126	0.00981	0.0000956	0.000201	0.0000624	0.0652	0.00000218	0.0000795	0.000399	0.00188	0.0000791
2056 Apr	0.000124	0.000829	0.0904	0.0000107	1.11	1.99	0.0168	0.000277	4.44	0.00127	0.00991	0.0000965	0.000203	0.000063	0.0658	0.0000022	0.0000802	0.000403	0.0019	0.0000799
2056 May	0.000216	0.000927	0.115	0.0000107	1.31	2.58	0.033	0.000284	5.19	0.00142	0.0103	0.000241	0.000213	0.0000778	0.0873	0.00000219	0.0000842	0.000556	0.0019	0.0000832
2056 Jun	0.000386	0.000982	0.151	0.00000888	1.57	3.24	0.0637	0.0002	6.51	0.00146	0.00959	0.000534	0.00021	0.000095	0.118	0.00000192	0.0000807	0.000842	0.00171	0.0000495
2056 Jul	0.000384	0.00105	0.159	0.0000102	1.64	3.31	0.063	0.000212	6.55	0.00157	0.0107	0.000525	0.000235	0.0000983	0.121	0.00000218	0.0000844	0.00087	0.00195	0.0000512
2056 Aug	0.000348	0.00106	0.153	0.0000108	1.59	3.25	0.0564	0.000241	6.2	0.00158	0.0109	0.000463	0.00023	0.0000966	0.116	0.00000224	0.0000847	0.000784	0.00195	0.0000675
2056 Sep	0.00034	0.0011	0.153	0.0000113	1.61	3.36	0.0546	0.000282	6.28	0.00164	0.0113	0.00044	0.000231	0.0000989	0.117	0.00000232	0.0000893	0.000759	0.00198	0.0000839
2056 Oct	0.000281	0.00105	0.132	0.0000106	1.47	3.27	0.0436	0.000347	6.07	0.00158	0.0106	0.00033	0.000209	0.000093	0.105	0.00000215	0.0000957	0.000613	0.00174	0.000128
2056 Nov	0.000271	0.00105	0.129	0.0000105	1.45	3.28	0.0418	0.000364	6.02	0.00158	0.0106	0.00031	0.000205	0.0000923	0.104	0.00000213	0.0000969	0.000588	0.00171	0.000137
2056 Dec	0.000271	0.00105	0.129	0.0000105	1.45	3.29	0.0418	0.000364	6.02	0.00158	0.0106	0.000311	0.000206	0.0000925	0.104	0.00000213	0.000097	0.000589	0.00171	0.000138
2057 Jan	0.000272	0.00105	0.129	0.0000105	1.45	3.29	0.0418	0.000364	6.03	0.00158	0.0106	0.000311	0.000206	0.0000925	0.104	0.00000214	0.0000971	0.000589	0.00171	0.000138
2057 Feb	0.000272	0.00105	0.129	0.0000105	1.45	3.29	0.0419	0.000364	6.03	0.00158	0.0106	0.000311	0.000206	0.0000926	0.104	0.00000214	0.0000971	0.000589	0.00171	0.000138
2057 Mar	0.000272	0.00106	0.129	0.0000106	1.46	3.3	0.042	0.000365	6.04	0.00159	0.0106	0.000312	0.000206	0.0000928	0.104	0.00000214	0.0000974	0.000591	0.00172	0.000138
2057 Apr	0.000275	0.00107	0.131	0.0000107	1.47	3.33	0.0424	0.000369	6.11	0.0016	0.0107	0.000315	0.000208	0.0000938	0.105	0.00000216	0.0000984	0.000597	0.00173	0.00014
2057 May	0.000299	0.00112	0.139	0.000011	1.55	3.55	0.0463	0.000385	6.37	0.00168	0.0112	0.000347	0.000218	0.0000995	0.112	0.00000223	0.000102	0.000641	0.00179	0.000148
2057 Jun	0.000228	0.000802	0.108	0.00000886	1.21	2.31	0.0363	0.000184	5.05	0.00124	0.00888	0.000286	0.000209	0.0000709	0.081	0.00000191	0.0000748	0.000606	0.00176	0.0000589
2057 Jul	0.000193	0.000803	0.106	0.00000998	1.19	2.09	0.0303	0.000173	4.66	0.00126	0.00962	0.000231	0.000232	0.0000669	0.0747	0.00000211	0.000074	0.000594	0.00201	0.0000507
2057 Aug	0.000226	0.00096	0.125	0.0000119	1.41	2.49	0.0352	0.000215	5.49	0.0015	0.0114	0.000268	0.000271	0.0000795	0.0887	0.00000252	0.0000876	0.000688	0.00237	0.0000621
2057 Sep	0.000227	0.001	0.128	0.0000124	1.45	2.65	0.0352	0.000249	5.58	0.00158	0.0118	0.000261	0.000277	0.0000836	0.0918	0.00000259	0.0000917	0.000683	0.0024	0.0000817
2057 Oct	0.000212	0.000994	0.12	0.0000119	1.39	2.82	0.0326	0.000288	5.43	0.00159	0.0113	0.000228	0.000271	0.0000855	0.0896	0.00000245	0.0000949	0.000627	0.00224	0.000127
2057 Nov	0.000212	0.001	0.12	0.0000119	1.39	2.87	0.0325	0.000296	5.46	0.00161	0.0113	0.000226	0.000273	0.0000865	0.09	0.00000245	0.0000961	0.000624	0.00224	0.000135
2057 Dec	0.000212	0.001	0.12	0.0000119	1.39	2.88	0.0325	0.000296	5.47	0.00161	0.0114	0.000226	0.000273	0.0000866	0.0901	0.00000245	0.0000963	0.000625	0.00224	0.000136
2058 Jan	0.000212	0.001	0.12	0.0000119	1.39	2.88	0.0325	0.000296	5.47	0.00161	0.0114	0.000226	0.000274	0.0000866	0.0901	0.00000245	0.0000963	0.000625	0.00224	0.000136
2058 Feb	0.000212	0.001	0.12	0.0000119	1.39	2.88	0.0325	0.000296	5.47	0.00161	0.0114	0.000226	0.000274	0.0000867	0.0901	0.00000245	0.0000963	0.000625	0.00224	0.000136
2058 Mar	0.000212	0.001	0.12	0.0000119	1.39	2.88	0.0325	0.000296	5.47	0.00161	0.0114	0.000226	0.000274	0.0000867	0.0902	0.00000245	0.0000964	0.000625	0.00224	0.000136
2058 Apr	0.000214	0.00101	0.121	0.000012	1.4	2.9	0.0328	0.000298	5.51	0.00163	0.0114	0.000228	0.000276	0.0000873	0.0908	0.00000247	0.0000971	0.00063	0.00226	0.000137
2058 May	0.000302	0.00111	0.142	0.0000117	1.58	3.67	0.0487	0.000318	6.28	0.00181	0.0115	0.000365	0.000294	0.000106	0.112	0.0000024	0.000104	0.000768	0.0022	0.000179
2058 Jun	0.000353	0.000933	0.138	0.0000083	1.48	3.13	0.0583	0.000191	6.31	0.00142	0.00897	0.000483	0.000213	0.0000922	0.11	0.00000185	0.0000811	0.000785	0.00165	0.000077
2058 Jul	0.000317	0.000956	0.134	0.00000932	1.48	2.95	0.0515	0.000195	6.29	0.00145	0.00974	0.000421	0.000231	0.0000894	0.104	0.00000208	0.0000849	0.000757	0.00188	0.0000754
2058 Aug	0.000328	0.00103	0.144	0.0000104	1.57	3.16	0.0532	0.000222	6.39	0.00157	0.0106	0.000432	0.000246	0.0000953	0.11	0.00000227	0.0000889	0.000784	0.00202	0.0000857
2058 Sep	0.000283	0.001	0.131	0.0000103	1.45	3.1	0.0449	0.000286	5.74	0.00154	0.0104	0.000347	0.000226	0.0000905	0.103	0.00000215	0.0000889	0.000666	0.00186	0.000118
2058 Oct	0.000254	0.001	0.122	0.0000102	1.38	3.11	0.0391	0.000344	5.49	0.00152	0.0103	0.000286	0.00021	0.0000877	0.0981	0.00000209	0.0000927	0.000585	0.00173	0.000146
2058 Nov	0.000253	0.00101	0.122	0.0000103	1.39	3.14	0.0388	0.000354	5.52	0.00153	0.0104	0.000282	0.00021	0.0000883	0.0985	0.0000021	0.000094	0.000582	0.00173	0.000151
2058 Dec	0.000254	0.00101	0.122	0.0000103	1.39	3.15	0.0389	0.000354	5.52	0.00154	0.0104	0.000283	0.000211	0.0000884	0.0986	0.0000021	0.0000941	0.000582	0.00173	0.000151
2059 Jan	0.000254	0.00101	0.122	0.0000103	1.39	3.15	0.0389	0.000354	5.52	0.00154	0.0104	0.000283	0.000211	0.0000884	0.0986	0.0000021	0.0000941	0.000583	0.00173	0.000151
2059 Feb	0.000254	0.00101	0.122	0.0000103	1.39	3.15	0.0389	0.000354	5.52	0.00154	0.0104	0.000283	0.000211	0.0000884	0.0986	0.0000021	0.0000941	0.000583	0.00173	0.000151
2059 Mar	0.000254	0.00101	0.122	0.0000103	1.39	3.15	0.0389	0.000354	5.52	0.00154	0.0104	0.000283	0.000211	0.0000884	0.0986	0.0000021	0.0000941	0.000583	0.00173	0.000151
2059 Apr	0.000256	0.00102	0.123	0.0000103	1.4	3.17	0.0392	0.000357	5.56	0.00155	0.0105	0.000285	0.000212	0.0000891	0.0994	0.00000211	0.0000948	0.000587	0.00174	0.000152
2059 May	0.000307	0.00109	0.138	0.0000105	1.53	3.55	0.0484	0.000363	6.03	0.00166	0.0108	0.000366	0.000226	0.000099	0.112	0.00000214	0.0000987	0.000681	0.00178	0.000162
2059 Jun	0.000456	0.00113	0.176	0.00000997	1.77	4.06	0.0761	0.00027	6.96	0.00173	0.0107	0.00063	0.000241	0.000114	0.14	0.00000201	0.0000929	0.000969	0.00181	0.000106
2059 Jul	0.000521	0.00131	0.204	0.0000119	2.04	4.63	0.0867	0.000308	7.93	0.002	0.0127	0.000717	0.000284	0.000131	0.161	0.00000239	0.000106	0.00112	0.00217	0.000117
2059 Aug	0.000582	0.00149	0.23	0.0000136	2.31	5.22	0.0967	0.000356	8.94	0.00227	0.0144	0.000799	0.000319	0.000147	0.181	0.00000274	0.000121	0.00125	0.00246	0.000133
2059 Sep	0.000523	0.00142	0.212	0.0000132	2.15	4.89	0.0859	0.000377	8.25	0.00216	0.0139	0.000699	0.000297	0.000138	0.168	0.00000265	0.000116	0.00112	0.00233	0.000142
2059 Oct	0.000297	0.0011	0.136	0.0000104	1.5	3.45	0.0448	0.000433	5.92	0.00158	0.0111	0.000329	0.000186	0.0000921	0.111	0.00000209	0.000101	0.000619	0.00162	0.000145
2059 Nov	0.000279	0.00109	0.131	0.0000103	1.47	3.35	0.0413	0.00045	5.81	0.00155	0.0111	0.000296	0.000175	0.0000887	0.108	0.00000207	0.000101	0.000577	0.00157	0.000146
2059 Dec	0.000279	0.00109	0.131	0.0000103	1.47	3.35	0.0413	0.00045	5.82	0.00155	0.0111	0.000296	0.000175	0.0000888	0.108	0.00000207	0.000101	0.000577	0.00157	0.000146
2060 Jan	0.000279	0.00109	0.131	0.0000103	1.47	3.36	0.0413	0.00045	5.82	0.00155	0.0111	0.000296	0.000175	0.0000888	0.108	0.00000207	0.000101	0.000578	0.00157	0.000147
2060 Feb	0.000279	0.00109	0.131	0.0000103	1.47	3.36	0.0413	0.000451	5.82	0.00155	0.0111	0.000296	0.000176	0.0000888	0.108	0.00000207	0.000101	0.000578	0.00157	0.000147
2060 Mar	0.00028	0.0011	0.131	0.0000104	1.47	3.36	0.0414	0.000451	5.83	0.00155	0.0111	0.000297	0.000176	0.000089	0.108	0.00000208	0.000102	0.000579	0.00157	0.000147
2060 Apr	0.000283	0.00111	0.132	0.0000105	1.49	3.4	0.0418	0.000456	5.89	0.00157	0.0112	0.0003	0.000178	0.0000899	0.109	0.0000021	0.000103	0.000585	0.00159	0.000148
2060 May	0.000391	0.00117	0.161	0.0000103	1.69	3.96	0.062	0.000403	6.54	0.0017	0.0113	0.000488	0.000203	0.000106	0.132	0.00000207	0.0001	0.000793	0.00165	0.000141
2060 Jun	0.000415	0.00103	0.158	0.00000878	1.64	3.47	0.0685	0.000216	6.83	0.00151	0.00976	0.000575	0.000209	0.0001	0.126	0.00000193	0.0000842	0.00088	0.00168	0.0000621
2060 Jul	0.000454	0.00118	0.178	0.0000105	1.86	3.85	0.0746	0.000243	7.68	0.00173	0.0115	0.000624	0.000249	0.000113	0.14	0.00000231	0.0000967	0.00099	0.00203	0.000069
2060 Aug	0.000421	0.00117	0.172	0.0000111	1.82	3.75	0.0685	0.000278	7.2	0.00173	0.0116	0.000564	0.000239	0.00011	0.135	0.00000236	0.0000949	0.00091	0.00202	0.000078
2060 Sep	0.000258	0.000962	0.12	0.0000101	1.4	2.89	0.0395	0.000365	5.38	0.00142	0.00978	0.00029	0.000159	0.0000852	0.0998	0.00000204	0.0000839	0.000518	0.00155	0.000101
2060 Oct	0.000226	0.000969	0.11	0.00000989	1.34	2.9	0.033	0.000423	5.36	0.00141	0.00979	0.000222	0.000147	0.0000821	0.0945	0.00000199	0.0000915	0.000439	0.00144	0.000134
2060 Nov	0.000215	0.000975	0.107	0.00000981	1.32	2.93	0.0308	0.000445	5.37	0.00142	0.00979	0.0002	0.000145	0.0000816	0.0929	0.00000197	0.0000949	0.000414	0.0014	0.000151
2060 Dec	0.000215	0.000977	0.107	0.00000982	1.33	2.94	0.0309	0.000446	5.37	0.00142	0.0098	0.0002	0.000146	0.0000818	0.093	0.00000198	0.0000951	0.000414	0.0014	0.000152
2061 Jan	0.000215	0.000977	0.107	0.00000982	1.33	2.94	0.0309	0.000446	5.38	0.00142	0.0098	0.0002	0.000146	0.0000819	0.093	0.00000198	0.0000951	0.000414	0.0014	0.000152
2061 Feb	0.000215	0.000977	0.107	0.00000982	1.33	2.94	0.0309	0.000446	5.38	0.00142	0.0098	0.0002	0.000146	0.0000819	0.093	0.00000198	0.0000951	0.000414	0.0014	0.000152
2061 Mar	0.000216	0.000978	0.107	0.00000983	1.33	2.94	0.0309	0.000446	5.38	0.00142	0.00981	0.0002	0.000146	0.0000819	0.0931	0.00000198	0.0000952	0.000415	0.0014	0.000152
2061 Apr	0.000218	0.000988	0.108	0.00000993	1.34	2.97	0.0312	0.000451	5.44	0.00144	0.00991	0.000202	0.000147	0.0000828	0.0941	0.000002	0.0000962	0.000419	0.00142	0.000154
2061 May	0.000339	0.00109	0.141	0.0000099	1.59	3.65	0.0534	0.000399	6.38	0.00162	0.0104	0.000408	0.000185	0.000102	0.12	0.00000202	0.0000985	0.000666	0.00154	0.000153
2061 Jun	0.000374	0.000977	0.144	0.00000841	1.55	3.25	0.0615	0.000208	6.51	0.00145	0.00924	0.000512	0.000206	0.0000954	0.116	0.00000189	0.0000826	0.000807	0.00164	0.0000774
2061 Jul	0.000403	0.0011	0.163	0.0000102	1.72	3.58	0.0661	0.000232	6.97	0.00165	0.0109	0.000548	0.000244	0.000105	0.127	0.00000223	0.0000915	0.0009	0.00197	0.0000857

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Aug	0.000442	0.00124	0.181	0.0000116	1.91	3.98	0.0724	0.000268	7.68	0.00185	0.0123	0.000598	0.000271	0.000117	0.141	0.00000252	0.000102	0.000984	0.00221	0.0000984
2061 Sep	0.00041	0.00121	0.172	0.0000117	1.83	3.89	0.0666	0.000294	7.12	0.00183	0.0121	0.000541	0.000262	0.000114	0.135	0.00000247	0.0000997	0.00091	0.00214	0.000118
2061 Oct	0.00029	0.00107	0.133	0.0000103	1.48	3.43	0.0449	0.000377	5.7	0.0016	0.0107	0.000335	0.00021	0.0000947	0.108	0.0000021	0.0000972	0.000632	0.0017	0.000175
2061 Nov	0.000262	0.00105	0.124	0.0000101	1.41	3.32	0.0394	0.000408	5.45	0.00155	0.0105	0.000282	0.000194	0.0000899	0.102	0.00000203	0.0000981	0.000561	0.00159	0.000186
2061 Dec	0.000262	0.00105	0.124	0.0000101	1.41	3.33	0.0395	0.000409	5.46	0.00155	0.0105	0.000282	0.000194	0.00009	0.102	0.00000203	0.0000982	0.000562	0.00159	0.000187
2062 Jan	0.000262	0.00105	0.124	0.0000101	1.41	3.33	0.0395	0.000409	5.46	0.00156	0.0105	0.000282	0.000194	0.0000901	0.102	0.00000203	0.0000983	0.000562	0.00159	0.000187
2062 Feb	0.000262	0.00105	0.124	0.0000101	1.41	3.33	0.0395	0.000409	5.46	0.00156	0.0105	0.000282	0.000194	0.0000901	0.102	0.00000203	0.0000983	0.000562	0.0016	0.000187
2062 Mar	0.000263	0.00105	0.124	0.0000101	1.41	3.34	0.0396	0.000411	5.48	0.00156	0.0105	0.000283	0.000195	0.0000904	0.103	0.00000204	0.0000986	0.000564	0.0016	0.000188
2062 Apr	0.000266	0.00106	0.126	0.0000102	1.43	3.38	0.0401	0.000415	5.54	0.00158	0.0106	0.000286	0.000197	0.0000914	0.104	0.00000206	0.0000997	0.00057	0.00162	0.00019
2062 May	0.000274	0.0011	0.13	0.0000106	1.47	3.49	0.0414	0.000428	5.72	0.00163	0.011	0.000295	0.000203	0.0000944	0.107	0.00000213	0.000103	0.000589	0.00167	0.000196
2062 Jun	0.00016	0.000784	0.0921	0.00000928	1.1	2.1	0.0237	0.000235	4.36	0.00122	0.00908	0.000163	0.000206	0.0000638	0.0687	0.00000196	0.0000778	0.000485	0.00177	0.0000993
2062 Jul	0.000123	0.000713	0.0859	0.00000974	1.02	1.61	0.0181	0.000158	3.89	0.00113	0.00913	0.000124	0.000223	0.0000546	0.0574	0.00000207	0.0000689	0.000481	0.00199	0.000053
2062 Aug	0.000118	0.000757	0.087	0.0000101	1.02	1.75	0.0166	0.000214	3.73	0.00116	0.00919	0.000108	0.000195	0.0000573	0.0601	0.00000207	0.0000689	0.000392	0.00182	0.0000739
2062 Sep	0.00012	0.000806	0.0841	0.00000984	1.06	1.99	0.0156	0.000313	4.07	0.0012	0.00914	0.0000848	0.00016	0.0000608	0.0647	0.000002	0.0000778	0.000319	0.00158	0.000108
2062 Oct	0.000129	0.000894	0.0807	0.00000887	1.11	2.28	0.0145	0.000434	4.83	0.0012	0.00929	0.000063	0.000117	0.0000618	0.07	0.0000019	0.0000927	0.000259	0.00127	0.000144
2062 Nov	0.000131	0.000912	0.0818	0.00000898	1.12	2.33	0.0146	0.000448	4.89	0.00122	0.00946	0.0000616	0.000116	0.0000625	0.0713	0.00000192	0.0000945	0.000259	0.00127	0.000148
2062 Dec	0.000131	0.000913	0.0819	0.00000899	1.13	2.33	0.0146	0.000449	4.9	0.00122	0.00947	0.0000617	0.000117	0.0000627	0.0714	0.00000192	0.0000947	0.000259	0.00127	0.000149
2063 Jan	0.000131	0.000913	0.0819	0.00000899	1.13	2.33	0.0146	0.000449	4.9	0.00122	0.00947	0.0000617	0.000117	0.0000627	0.0714	0.00000192	0.0000948	0.000259	0.00127	0.000149
2063 Feb	0.000131	0.000913	0.082	0.00000899	1.13	2.33	0.0146	0.000449	4.9	0.00122	0.00947	0.0000617	0.000117	0.0000627	0.0714	0.00000192	0.0000948	0.00026	0.00127	0.000149
2063 Mar	0.000131	0.000914	0.082	0.000009	1.13	2.34	0.0146	0.00045	4.9	0.00122	0.00948	0.0000618	0.000117	0.0000628	0.0715	0.00000192	0.0000949	0.00026	0.00128	0.00015
2063 Apr	0.000132	0.00092	0.0825	0.00000906	1.13	2.35	0.0147	0.000452	4.93	0.00123	0.00954	0.0000621	0.000118	0.0000632	0.0719	0.00000193	0.0000954	0.000261	0.00128	0.00015
2063 May	0.000209	0.000992	0.105	0.00000936	1.3	2.76	0.0285	0.000431	5.48	0.00135	0.01	0.000189	0.000138	0.0000749	0.089	0.00000198	0.0000963	0.000413	0.00138	0.00014
2063 Jun	0.00026	0.00081	0.113	0.0000082	1.26	2.37	0.0419	0.000167	5.26	0.00121	0.00855	0.000342	0.000195	0.0000729	0.0864	0.00000183	0.0000721	0.000641	0.00166	0.0000508
2063 Jul	0.000197	0.000775	0.103	0.00000927	1.16	2.03	0.031	0.000158	4.63	0.0012	0.00908	0.000241	0.000219	0.0000653	0.0735	0.00000201	0.0000713	0.000584	0.0019	0.000052
2063 Aug	0.000214	0.000875	0.115	0.0000106	1.29	2.27	0.0334	0.000189	5.01	0.00135	0.0102	0.000258	0.000241	0.000073	0.0819	0.00000226	0.0000787	0.000629	0.00211	0.0000634
2063 Sep	0.000192	0.00087	0.108	0.0000106	1.24	2.33	0.0294	0.000243	4.58	0.00136	0.01	0.000212	0.000222	0.0000728	0.0798	0.0000022	0.0000783	0.000545	0.00197	0.0000956
2063 Oct	0.000173	0.000879	0.0989	0.00001	1.19	2.48	0.0252	0.000321	4.63	0.00136	0.00967	0.000164	0.000197	0.0000728	0.0778	0.00000205	0.0000869	0.000455	0.00172	0.000148
2063 Nov	0.000172	0.000886	0.0985	0.00001	1.19	2.52	0.0248	0.000334	4.62	0.00136	0.00971	0.000158	0.000195	0.0000731	0.0781	0.00000204	0.000088	0.000446	0.0017	0.000155
2063 Dec	0.000172	0.000888	0.0986	0.0000101	1.2	2.52	0.0249	0.000335	4.63	0.00137	0.00973	0.000159	0.000196	0.0000733	0.0783	0.00000205	0.0000882	0.000447	0.0017	0.000155
2064 Jan	0.000172	0.000889	0.0987	0.0000101	1.2	2.53	0.0249	0.000335	4.63	0.00137	0.00973	0.000159	0.000196	0.0000734	0.0783	0.00000205	0.0000882	0.000447	0.0017	0.000156
2064 Feb	0.000172	0.000889	0.0987	0.0000101	1.2	2.53	0.0249	0.000335	4.63	0.00137	0.00974	0.000159	0.000196	0.0000734	0.0783	0.00000205	0.0000883	0.000448	0.00171	0.000156
2064 Mar	0.000173	0.000892	0.0991	0.0000101	1.2	2.54	0.025	0.000336	4.65	0.00137	0.00977	0.000159	0.000197	0.0000737	0.0786	0.00000206	0.0000886	0.000449	0.00171	0.000156
2064 Apr	0.000174	0.000898	0.0997	0.0000102	1.21	2.55	0.0251	0.000338	4.68	0.00138	0.00984	0.00016	0.000198	0.0000742	0.0791	0.00000207	0.0000892	0.000452	0.00172	0.000157
2064 May	0.000277	0.000998	0.127	0.0000101	1.43	3.17	0.0436	0.000326	5.55	0.00153	0.0102	0.000328	0.000213	0.0000905	0.102	0.00000207	0.0000923	0.000632	0.00174	0.000159
2064 Jun	0.000402	0.001	0.154	0.00000868	1.6	3.36	0.0665	0.000199	6.51	0.00148	0.00954	0.000559	0.000212	0.0000982	0.122	0.00000191	0.0000808	0.000866	0.00169	0.0000685
2064 Jul	0.000395	0.00105	0.161	0.00000998	1.64	3.4	0.0652	0.000209	6.32	0.00157	0.0105	0.000545	0.000232	0.0000998	0.123	0.00000211	0.0000822	0.00088	0.00189	0.0000714
2064 Aug	0.000352	0.00105	0.153	0.0000105	1.57	3.26	0.0572	0.000235	5.89	0.00156	0.0106	0.000473	0.000222	0.0000961	0.116	0.00000216	0.0000822	0.000776	0.00187	0.0000907
2064 Sep	0.000251	0.000969	0.12	0.00001	1.36	2.94	0.0387	0.000333	5.17	0.00144	0.00974	0.00029	0.000175	0.0000852	0.0967	0.00000202	0.0000851	0.000519	0.00157	0.000145
2064 Oct	0.000238	0.000994	0.116	0.0000101	1.36	3.03	0.0358	0.000379	5.23	0.00148	0.0099	0.000256	0.000173	0.0000862	0.0961	0.00000203	0.0000914	0.000482	0.00153	0.000178
2064 Nov	0.00024	0.001	0.117	0.0000102	1.37	3.07	0.0362	0.000384	5.28	0.0015	0.01	0.000258	0.000176	0.0000874	0.0972	0.00000205	0.0000925	0.000487	0.00155	0.000181
2064 Dec	0.000241	0.00101	0.118	0.0000102	1.37	3.08	0.0362	0.000384	5.29	0.0015	0.01	0.000259	0.000176	0.0000875	0.0973	0.00000205	0.0000926	0.000488	0.00155	0.000182
2065 Jan	0.000241	0.00101	0.118	0.0000102	1.37	3.08	0.0362	0.000384	5.29	0.0015	0.01	0.000259	0.000176	0.0000875	0.0973	0.00000205	0.0000927	0.000488	0.00155	0.000182
2065 Feb	0.000241	0.00101	0.118	0.0000102	1.37	3.08	0.0363	0.000385	5.29	0.0015	0.01	0.000259	0.000176	0.0000876	0.0974	0.00000206	0.0000927	0.000488	0.00155	0.000182
2065 Mar	0.000242	0.00101	0.118	0.0000103	1.38	3.09	0.0364	0.000386	5.31	0.0015	0.0101	0.00026	0.000177	0.0000879	0.0978	0.00000206	0.0000931	0.00049	0.00156	0.000183
2065 Apr	0.000245	0.00102	0.119	0.0000104	1.4	3.13	0.0368	0.000391	5.38	0.00152	0.0102	0.000263	0.000179	0.000089	0.0989	0.00000209	0.0000942	0.000496	0.00158	0.000185
2065 May	0.000335	0.00113	0.143	0.0000104	1.59	3.9	0.0533	0.000397	5.94	0.00174	0.0106	0.000405	0.000214	0.000108	0.121	0.00000208	0.0001	0.000672	0.00164	0.000239
2065 Jun	0.000332	0.00093	0.134	0.00000861	1.45	2.99	0.0543	0.000203	5.97	0.0014	0.00918	0.000447	0.000207	0.0000886	0.106	0.0000019	0.0000799	0.000748	0.00167	0.0000835
2065 Jul	0.000336	0.00103	0.145	0.0000103	1.59	3.13	0.0543	0.000221	6.48	0.00156	0.0107	0.000442	0.000246	0.0000948	0.111	0.00000227	0.0000902	0.000807	0.00204	0.0000881
2065 Aug	0.000353	0.00113	0.156	0.0000116	1.71	3.4	0.0568	0.000261	6.79	0.00171	0.0118	0.000457	0.000264	0.000103	0.12	0.00000251	0.0000973	0.000844	0.00222	0.000107
2065 Sep	0.000254	0.000995	0.123	0.0000105	1.4	2.97	0.0389	0.000339	5.26	0.00149	0.0105	0.000286	0.000204	0.0000856	0.0981	0.00000215	0.0000898	0.00059	0.00178	0.000149
2065 Oct	0.000173	0.000961	0.0965	0.00000942	1.2	2.67	0.0219	0.000476	4.81	0.00131	0.01	0.000122	0.000129	0.0000688	0.0822	0.0000019	0.0000974	0.000349	0.00131	0.000178
2065 Nov	0.000167	0.000975	0.095	0.0000094	1.2	2.66	0.0205	0.000495	4.89	0.0013	0.0101	0.000107	0.000122	0.0000678	0.0817	0.00000191	0.0000995	0.000328	0.00128	0.00018
2065 Dec	0.000167	0.000975	0.095	0.00000941	1.2	2.66	0.0205	0.000496	4.89	0.0013	0.0101	0.000107	0.000122	0.0000679	0.0818	0.00000191	0.0000996	0.000329	0.00128	0.000181
2066 Jan	0.000168	0.000976	0.095	0.00000941	1.2	2.66	0.0205	0.000496	4.89	0.0013	0.0101	0.000107	0.000122	0.0000679	0.0818	0.00000191	0.0000997	0.000329	0.00129	0.000181
2066 Feb	0.000168	0.000977	0.0952	0.00000942	1.21	2.67	0.0205	0.000497	4.9	0.00131	0.0102	0.000107	0.000122	0.000068	0.0819	0.00000192	0.0000998	0.000329	0.00129	0.000181
2066 Mar	0.000169	0.000983	0.0957	0.00000948	1.21	2.68	0.0206	0.0005	4.93	0.00131	0.0102	0.000108	0.000123	0.0000684	0.0824	0.00000193	0.0001	0.000331	0.00129	0.000182
2066 Apr	0.00017	0.000991	0.0965	0.00000956	1.22	2.7	0.0208	0.000504	4.97	0.00132	0.0103	0.000109	0.000124	0.000069	0.0831	0.00000194	0.000101	0.000334	0.0013	0.000184
2066 May	0.000187	0.00103	0.103	0.00000986	1.28	2.84	0.0236	0.000513	5.17	0.00138	0.0107	0.000132	0.00013	0.0000726	0.0881	0.000002	0.000104	0.000367	0.00135	0.000186
2066 Jun	0.000199	0.000775	0.1	0.00000876	1.15	2.07	0.0309	0.000189	4.65	0.00117	0.00881	0.000238	0.000197	0.0000643	0.0742	0.00000191	0.0000722	0.000553	0.00174	0.0000611
2066 Jul	0.000186	0.000845	0.109	0.0000108	1.23	2.08	0.0285	0.000188	4.58	0.00131	0.0103	0.000213	0.000244	0.0000674	0.0754	0.00000228	0.0000767	0.000601	0.00216	0.0000631
2066 Aug	0.000197	0.000937	0.119	0.000012	1.33	2.31	0.0299	0.00022	4.84	0.00145	0.0114	0.000221	0.000262	0.0000744	0.0823	0.00000251	0.0000834	0.000628	0.00234	0.0000819
2066 Sep	0.00018	0.000934	0.111	0.0000116	1.28	2.4	0.0264	0.000277	4.58	0.00144	0.011	0.000182	0.000238	0.0000737	0.0803	0.00000238	0.0000853	0.000546	0.00212	0.000123
2066 Oct	0.000157	0.000924	0.0987	0.0000106	1.18	2.5	0.0213	0.000367	4.31	0.00138	0.0103	0.000124	0.000194	0.0000707	0.0768	0.00000212	0.0000897	0.000422	0.00174	0.00018
2066 Nov	0.000155	0.000933	0.0973	0.0000104	1.18	2.55	0.0206	0.00039	4.33	0.00138	0.0103	0.000115	0.000187	0.0000708	0.077	0.00000209	0.0000918	0.000403	0.00168	0.000193
2066 Dec	0.000155	0.000935	0.0974	0.0000104	1.18	2.56	0.0206	0.00039	4.34	0.00138	0.0103	0.000115	0.000187	0.0000711	0.0772	0.0000021	0.0000921	0.000404	0.00168	0.000194
2067 Jan	0.000155	0.000935	0.0975	0.0000105	1.18	2.56	0.0206	0.000391	4.34	0.00138	0.0103	0.000115	0.000187	0.0000711	0.0772	0.0000021	0.0000921	0.000404	0.00168	0.000194
2067 Feb	0.000155	0.000936	0.0976	0.0000105	1.18	2.57	0.0206	0.000391	4.34	0.00139	0.0103	0.000115	0.000188	0.0000711	0.0773	0.0000021	0.0000922	0.000405	0.00168	0.000195

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 Mar	0.000156	0.000939	0.0979	0.0000105	1.19	2.57	0.0207	0.000392	4.36	0.00139	0.0104	0.000116	0.000188	0.0000713	0.0776	0.00000211	0.0000924	0.000406	0.00169	0.000195
2067 Apr	0.000157	0.000945	0.0985	0.0000106	1.2	2.59	0.0208	0.000395	4.39	0.0014	0.0104	0.000117	0.000189	0.0000718	0.0781	0.00000212	0.000093	0.000409	0.0017	0.000196
2067 May	0.000252	0.00104	0.125	0.0000106	1.4	3.14	0.0378	0.000388	5.13	0.00153	0.0109	0.000271	0.000201	0.0000863	0.0999	0.00000213	0.0000951	0.000575	0.00173	0.000188
2067 Jun	0.000398	0.00101	0.157	0.00000931	1.59	3.38	0.0657	0.000224	6.19	0.0015	0.01	0.000548	0.000214	0.0000971	0.123	0.00000193	0.0000815	0.000867	0.00173	0.000073
2067 Jul	0.000424	0.00114	0.174	0.000011	1.77	3.68	0.0698	0.000248	6.69	0.0017	0.0116	0.000579	0.00025	0.000107	0.133	0.00000228	0.0000905	0.000952	0.00206	0.0000841
2067 Aug	0.000374	0.00113	0.164	0.0000115	1.67	3.53	0.0606	0.000262	6.11	0.00169	0.0116	0.000498	0.000244	0.000103	0.124	0.00000233	0.0000889	0.000836	0.00204	0.000116
2067 Sep	0.000317	0.00109	0.146	0.0000112	1.55	3.33	0.0503	0.000307	5.63	0.00162	0.0111	0.000398	0.000219	0.0000965	0.113	0.00000225	0.0000888	0.000693	0.00187	0.000149
2067 Oct	0.000232	0.00101	0.117	0.0000101	1.33	2.97	0.034	0.000392	4.99	0.00144	0.0103	0.000242	0.000168	0.0000816	0.0946	0.00000203	0.0000914	0.000481	0.00152	0.000183
2067 Nov	0.000218	0.00101	0.113	0.0000101	1.31	2.93	0.031	0.000421	4.94	0.00142	0.0103	0.00021	0.000157	0.0000792	0.0922	0.00000201	0.0000937	0.000443	0.00147	0.000192
2067 Dec	0.000218	0.00101	0.113	0.0000101	1.31	2.94	0.031	0.000422	4.95	0.00143	0.0103	0.000211	0.000158	0.0000794	0.0924	0.00000201	0.000094	0.000444	0.00147	0.000193
2068 Jan	0.000218	0.00101	0.113	0.0000101	1.31	2.94	0.031	0.000423	4.95	0.00143	0.0103	0.000211	0.000158	0.0000795	0.0925	0.00000201	0.0000941	0.000444	0.00147	0.000193
2068 Feb	0.000219	0.00101	0.113	0.0000101	1.31	2.95	0.0311	0.000423	4.96	0.00143	0.0103	0.000211	0.000158	0.0000796	0.0926	0.00000202	0.0000941	0.000444	0.00147	0.000193
2068 Mar	0.00022	0.00102	0.114	0.0000101	1.32	2.96	0.0312	0.000425	4.98	0.00144	0.0104	0.000212	0.000159	0.00008	0.0931	0.00000203	0.0000946	0.000447	0.00148	0.000194
2068 Apr	0.000225	0.00104	0.116	0.0000104	1.35	3.02	0.0319	0.000435	5.09	0.00147	0.0106	0.000217	0.000162	0.0000818	0.0951	0.00000207	0.0000967	0.000456	0.00151	0.000199
2068 May	0.000303	0.0011	0.138	0.0000104	1.51	3.41	0.0461	0.000407	5.73	0.00157	0.0109	0.000348	0.000179	0.0000929	0.112	0.00000209	0.0000973	0.00061	0.00159	0.000179
2068 Jun	0.000315	0.000879	0.13	0.00000854	1.38	2.77	0.0516	0.00018	5.52	0.00132	0.009	0.000426	0.000205	0.0000826	0.1	0.00000186	0.0000742	0.000733	0.00168	0.0000669
2068 Jul	0.000279	0.000907	0.13	0.0000101	1.36	2.7	0.0454	0.000189	5.01	0.00141	0.01	0.000366	0.000237	0.0000818	0.0957	0.00000209	0.0000761	0.000718	0.00196	0.0000894
2068 Aug	0.000307	0.00104	0.147	0.0000117	1.54	3.07	0.0496	0.000231	5.6	0.00161	0.0115	0.000397	0.000265	0.000093	0.108	0.00000241	0.000087	0.000784	0.00222	0.000112
2068 Sep	0.000252	0.000997	0.128	0.0000111	1.4	2.89	0.0391	0.000294	5	0.00151	0.0108	0.000296	0.000225	0.000085	0.0969	0.00000225	0.0000861	0.000622	0.00195	0.000148
2068 Oct	0.000231	0.000996	0.121	0.0000109	1.35	2.87	0.0347	0.000337	4.89	0.00149	0.0107	0.000251	0.000208	0.0000822	0.0934	0.00000219	0.0000891	0.000555	0.00183	0.00017
2068 Nov	0.000232	0.00101	0.122	0.000011	1.37	2.9	0.0348	0.000343	4.94	0.0015	0.0108	0.000251	0.000209	0.000083	0.0941	0.00000221	0.0000903	0.000557	0.00184	0.000173
2068 Dec	0.000232	0.00101	0.122	0.000011	1.37	2.9	0.0349	0.000343	4.95	0.0015	0.0108	0.000252	0.000209	0.0000831	0.0943	0.00000222	0.0000905	0.000558	0.00184	0.000174
2069 Jan	0.000233	0.00101	0.122	0.000011	1.37	2.9	0.0349	0.000343	4.95	0.00151	0.0108	0.000252	0.00021	0.0000832	0.0943	0.00000222	0.0000906	0.000558	0.00184	0.000174
2069 Feb	0.000233	0.00101	0.122	0.000011	1.37	2.91	0.0349	0.000344	4.95	0.00151	0.0109	0.000252	0.00021	0.0000832	0.0944	0.00000222	0.0000906	0.000558	0.00184	0.000174
2069 Mar	0.000233	0.00101	0.122	0.000011	1.37	2.91	0.0349	0.000344	4.95	0.00151	0.0109	0.000252	0.00021	0.0000833	0.0944	0.00000222	0.0000906	0.000558	0.00184	0.000175
2069 Apr	0.000234	0.00101	0.123	0.0000111	1.38	2.92	0.0351	0.000346	4.98	0.00152	0.0109	0.000253	0.000211	0.0000837	0.0949	0.00000223	0.0000911	0.000561	0.00185	0.000175
2069 May	0.000251	0.00107	0.13	0.0000116	1.45	3.1	0.0378	0.000364	5.24	0.0016	0.0115	0.000274	0.000221	0.0000887	0.101	0.00000233	0.0000956	0.000597	0.00194	0.000186
2069 Jun	0.000193	0.000773	0.103	0.00000939	1.14	2.1	0.0302	0.000189	4.27	0.00121	0.00912	0.000229	0.000213	0.000065	0.0739	0.00000195	0.0000714	0.000566	0.00184	0.0000775
2069 Jul	0.000174	0.000806	0.105	0.0000106	1.17	2.01	0.0269	0.00018	4.26	0.00128	0.01	0.000199	0.000243	0.000065	0.0718	0.00000221	0.0000741	0.000586	0.00213	0.0000714
2069 Aug	0.000171	0.000853	0.107	0.0000112	1.21	2.13	0.026	0.000213	4.23	0.00135	0.0105	0.000186	0.000243	0.0000685	0.0744	0.0000023	0.0000767	0.000559	0.00215	0.0000953
2069 Sep	0.000149	0.000845	0.095	0.0000103	1.13	2.13	0.0206	0.000306	4.13	0.00126	0.00983	0.000129	0.000184	0.0000638	0.0712	0.00000208	0.0000799	0.00042	0.00175	0.000124
2069 Oct	0.000138	0.000894	0.0873	0.00000933	1.11	2.15	0.0156	0.000431	4.49	0.00116	0.0098	0.0000763	0.000112	0.0000572	0.0714	0.00000192	0.0000888	0.000294	0.00133	0.000126
2069 Nov	0.000138	0.000914	0.0878	0.00000934	1.13	2.17	0.0152	0.000454	4.59	0.00116	0.00998	0.0000708	0.000104	0.0000567	0.0724	0.00000194	0.0000907	0.000283	0.0013	0.000123
2069 Dec	0.000139	0.000915	0.0879	0.00000935	1.13	2.17	0.0152	0.000454	4.6	0.00116	0.00999	0.0000709	0.000104	0.0000568	0.0725	0.00000194	0.0000908	0.000283	0.0013	0.000124
2070 Jan	0.000139	0.000915	0.0879	0.00000935	1.13	2.17	0.0152	0.000454	4.6	0.00116	0.00999	0.0000709	0.000104	0.0000568	0.0725	0.00000194	0.0000908	0.000283	0.0013	0.000124
2070 Feb	0.000139	0.000915	0.0879	0.00000935	1.13	2.17	0.0152	0.000454	4.6	0.00116	0.00999	0.0000709	0.000104	0.0000568	0.0725	0.00000194	0.0000908	0.000284	0.0013	0.000124
2070 Mar	0.000139	0.000917	0.0881	0.00000937	1.13	2.18	0.0152	0.000455	4.61	0.00116	0.01	0.000071	0.000104	0.0000569	0.0727	0.00000194	0.000091	0.000284	0.0013	0.000124
2070 Apr	0.000141	0.000928	0.0892	0.00000948	1.14	2.2	0.0154	0.000461	4.66	0.00118	0.0101	0.000072	0.000105	0.0000576	0.0736	0.00000197	0.0000921	0.000288	0.00132	0.000126
2070 May	0.000227	0.00101	0.114	0.00000973	1.34	2.67	0.0311	0.000431	5.37	0.00131	0.0106	0.000216	0.000128	0.0000713	0.0926	0.00000202	0.0000933	0.000457	0.00143	0.000113
2070 Jun	0.000416	0.00104	0.161	0.00000913	1.64	3.39	0.0681	0.000229	6.48	0.00149	0.0101	0.000572	0.000199	0.0000975	0.126	0.00000195	0.0000809	0.000877	0.00168	0.0000511
2070 Jul	0.00043	0.00112	0.174	0.0000106	1.75	3.57	0.0705	0.000242	6.62	0.00163	0.0113	0.00059	0.000229	0.000104	0.133	0.0000022	0.0000855	0.000941	0.00195	0.0000574
2070 Aug	0.000428	0.00118	0.179	0.0000115	1.8	3.69	0.0697	0.000265	6.67	0.00172	0.012	0.000581	0.000239	0.000107	0.136	0.00000237	0.0000893	0.000936	0.00206	0.0000759
2070 Sep	0.000292	0.00103	0.135	0.0000103	1.45	3.02	0.0448	0.000346	5.41	0.00145	0.0107	0.000347	0.000175	0.0000843	0.106	0.00000208	0.000087	0.00062	0.00165	0.000117
2070 Oct	0.000215	0.000979	0.112	0.00000972	1.28	2.61	0.0293	0.000429	4.97	0.00128	0.0104	0.000201	0.000124	0.0000687	0.0895	0.00000195	0.0000905	0.000429	0.00138	0.000122
2070 Nov	0.00021	0.000982	0.11	0.00000973	1.27	2.59	0.0283	0.00044	4.97	0.00128	0.0104	0.000191	0.00012	0.0000679	0.0888	0.00000195	0.0000915	0.000417	0.00136	0.000123
2070 Dec	0.00021	0.000983	0.11	0.00000973	1.27	2.6	0.0283	0.00044	4.98	0.00128	0.0104	0.000191	0.00012	0.0000679	0.0889	0.00000195	0.0000915	0.000417	0.00136	0.000123
2071 Jan	0.00021	0.000983	0.11	0.00000974	1.27	2.6	0.0283	0.00044	4.98	0.00128	0.0104	0.000191	0.00012	0.0000679	0.0889	0.00000195	0.0000915	0.000417	0.00136	0.000123
2071 Feb	0.00021	0.000983	0.11	0.00000974	1.27	2.6	0.0283	0.00044	4.98	0.00128	0.0104	0.000191	0.00012	0.0000679	0.0889	0.00000195	0.0000916	0.000417	0.00136	0.000123
2071 Mar	0.00021	0.000983	0.11	0.00000974	1.27	2.6	0.0283	0.00044	4.98	0.00128	0.0104	0.000191	0.00012	0.000068	0.0889	0.00000195	0.0000916	0.000417	0.00136	0.000123
2071 Apr	0.000211	0.000988	0.111	0.00000979	1.28	2.61	0.0285	0.000442	5	0.00129	0.0105	0.000192	0.000121	0.0000683	0.0894	0.00000196	0.0000921	0.000419	0.00137	0.000124
2071 May	0.000295	0.00105	0.133	0.00000977	1.45	3.03	0.044	0.000402	5.62	0.0014	0.0107	0.000336	0.000143	0.0000812	0.107	0.00000198	0.0000909	0.000585	0.00145	0.000109
2071 Jun	0.000355	0.000939	0.143	0.00000875	1.49	2.97	0.0581	0.000197	5.94	0.00137	0.00944	0.000485	0.000198	0.0000873	0.11	0.0000019	0.0000762	0.000789	0.00168	0.0000488
2071 Jul	0.000321	0.00095	0.14	0.0000099	1.47	2.81	0.0521	0.000194	5.69	0.00142	0.0102	0.000429	0.000224	0.000085	0.105	0.00000211	0.0000781	0.000778	0.00193	0.0000508
2071 Aug	0.000333	0.00103	0.149	0.000011	1.57	2.99	0.0537	0.000226	5.95	0.00153	0.0111	0.000438	0.000237	0.0000907	0.111	0.00000231	0.0000835	0.000804	0.00208	0.0000597
2071 Sep	0.000246	0.000921	0.121	0.0000103	1.34	2.56	0.0377	0.000293	4.91	0.00135	0.0101	0.000286	0.000182	0.0000766	0.0929	0.00000209	0.0000781	0.000572	0.00175	0.0000855
2071 Oct	0.000211	0.000908	0.109	0.00000991	1.26	2.44	0.0306	0.00035	4.73	0.00128	0.00993	0.000217	0.000152	0.00007	0.0863	0.000002	0.0000817	0.000471	0.00156	0.000102
2071 Nov	0.0002	0.000923	0.106	0.00000987	1.25	2.45	0.0279	0.000387	4.81	0.00127	0.01	0.000189	0.00014	0.0000684	0.085	0.00000199	0.0000864	0.000433	0.00149	0.000114
2071 Dec	0.000199	0.000924	0.106	0.00000988	1.25	2.45	0.0278	0.000389	4.83	0.00127	0.0101	0.000188	0.00014	0.0000684	0.0851	0.00000199	0.0000867	0.000432	0.00149	0.000115
2072 Jan	0.000199	0.000924	0.106	0.00000988	1.25	2.45	0.0278	0.000389	4.83	0.00127	0.0101	0.000188	0.00014	0.0000685	0.0851	0.00000199	0.0000867	0.000432	0.00149	0.000115
2072 Feb	0.0002	0.000924	0.106	0.00000988	1.25	2.45	0.0278	0.000389	4.83	0.00127	0.0101	0.000188	0.00014	0.0000685	0.0851	0.00000199	0.0000868	0.000432	0.00149	0.000115
2072 Mar	0.0002	0.000925	0.106	0.00000989	1.25	2.45	0.0278	0.000389	4.83	0.00128	0.0101	0.000188	0.00014	0.0000685	0.0851	0.00000199	0.0000868	0.000433	0.0015	0.000115
2072 Apr	0.000201	0.000933	0.107	0.00000997	1.26	2.47	0.0281	0.000392	4.87	0.00129	0.0101	0.00019	0.000142	0.0000691	0.0859	0.00000201	0.0000875	0.000436	0.00151	0.000116
2072 May	0.000211	0.000976	0.112	0.0000104	1.32	2.59	0.0294	0.00041	5.1	0.00135	0.0106	0.000199	0.000148	0.0000723	0.0899	0.0000021	0.0000916	0.000457	0.00158	0.000122
2072 Jun	0.000146	0.000752	0.0906	0.0000095	1.06	1.79	0.0209	0.000228	4.01	0.00113	0.00922	0.000143	0.000188	0.0000559	0.0647	0.00000198	0.0000718	0.000462	0.00178	0.0000634
2072 Jul	0.000133	0.000754	0.0925	0.0000102	1.04	1.68	0.019	0.000193	3.76	0.00114	0.00956	0.000132	0.000205	0.0000547	0.0616	0.00000209	0.0000687	0.000463	0.00193	0.0000555
2072 Aug	0.000124	0.000788	0.0864	0.0000101	1.08	1.78	0.0164	0.000284	4	0.00115	0.00919	0.0000987	0.00015	0.0000581	0.0647	0.00000207	0.000071	0.000325	0.00164	0.0000762
2072 Sep	0.00012	0.000807	0.0807	0.00000974	1.1	1.82	0.0144	0.000365	4.24	0.00112	0.00893	0.0000714	0.000104	0.0000583	0.067	0.000002	0.0000742	0.000234	0.00139	0.0000811

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2072 Oct	0.000128	0.000854	0.0804	0.00000903	1.11	1.92	0.0139	0.000422	4.66	0.00108	0.00916	0.0000644	0.0000811	0.0000553	0.0688	0.00000192	0.000083	0.000224	0.00122	0.000088
2072 Nov	0.000129	0.000868	0.0812	0.00000902	1.12	1.95	0.014	0.000433	4.73	0.00109	0.00929	0.0000637	0.0000792	0.0000552	0.0696	0.00000192	0.0000847	0.000225	0.00121	0.0000903
2072 Dec	0.00013	0.000869	0.0812	0.00000903	1.12	1.95	0.014	0.000433	4.73	0.00109	0.00929	0.0000637	0.0000794	0.0000553	0.0697	0.00000192	0.0000848	0.000226	0.00121	0.0000909
2073 Jan	0.00013	0.000869	0.0812	0.00000903	1.12	1.96	0.014	0.000433	4.73	0.00109	0.00929	0.0000637	0.0000794	0.0000553	0.0697	0.00000192	0.0000848	0.000226	0.00121	0.0000911
2073 Feb	0.00013	0.000869	0.0812	0.00000903	1.12	1.96	0.014	0.000434	4.73	0.00109	0.0093	0.0000637	0.0000795	0.0000553	0.0697	0.00000193	0.0000849	0.000226	0.00121	0.0000911
2073 Mar	0.00013	0.00087	0.0813	0.00000904	1.12	1.96	0.014	0.000434	4.74	0.00109	0.00931	0.0000638	0.0000796	0.0000554	0.0698	0.00000193	0.000085	0.000226	0.00121	0.0000912
2073 Apr	0.000132	0.000887	0.0829	0.00000922	1.14	2	0.0143	0.000443	4.83	0.00111	0.00949	0.0000651	0.0000811	0.0000565	0.0712	0.00000197	0.0000866	0.00023	0.00123	0.000093
2073 May	0.000272	0.00101	0.123	0.00000949	1.43	2.88	0.0402	0.000395	5.73	0.00136	0.0101	0.000301	0.000132	0.0000806	0.102	0.00000199	0.0000897	0.00052	0.00141	0.000115
2073 Jun	0.00039	0.000996	0.152	0.00000879	1.58	3.26	0.0641	0.000215	6.37	0.00145	0.00963	0.000536	0.0002	0.0000951	0.12	0.00000192	0.0000805	0.000834	0.00166	0.0000706
2073 Jul	0.000364	0.00102	0.15	0.00000965	1.58	3.15	0.0591	0.000218	6.34	0.00149	0.0102	0.000492	0.000213	0.0000934	0.116	0.0000021	0.0000832	0.000807	0.00182	0.0000703
2073 Aug	0.000367	0.00108	0.158	0.0000107	1.64	3.25	0.0593	0.00024	6.3	0.00157	0.0111	0.000492	0.00022	0.0000966	0.12	0.00000226	0.000085	0.000811	0.00193	0.0000768
2073 Sep	0.000297	0.00101	0.136	0.0000103	1.46	2.91	0.0464	0.000292	5.44	0.00143	0.0104	0.00037	0.000182	0.000085	0.105	0.00000211	0.0000815	0.000636	0.00171	0.000101
2073 Oct	0.000225	0.000959	0.114	0.00000973	1.29	2.62	0.0323	0.000382	4.96	0.0013	0.0101	0.000233	0.000137	0.000072	0.0904	0.00000196	0.0000863	0.000458	0.00144	0.000132
2073 Nov	0.000214	0.000958	0.11	0.00000968	1.27	2.58	0.0298	0.000402	4.91	0.00128	0.0101	0.000209	0.000129	0.0000699	0.0884	0.00000194	0.000088	0.000429	0.00139	0.000137
2073 Dec	0.000214	0.00096	0.111	0.00000969	1.27	2.59	0.0299	0.000403	4.92	0.00129	0.0101	0.000209	0.000129	0.0000701	0.0886	0.00000195	0.0000882	0.00043	0.00139	0.000138
2074 Jan	0.000214	0.00096	0.111	0.0000097	1.27	2.59	0.0299	0.000403	4.92	0.00129	0.0101	0.000209	0.00013	0.0000701	0.0887	0.00000195	0.0000883	0.00043	0.00139	0.000138
2074 Feb	0.000214	0.000961	0.111	0.0000097	1.27	2.59	0.0299	0.000404	4.93	0.00129	0.0101	0.000209	0.00013	0.0000702	0.0887	0.00000195	0.0000883	0.00043	0.0014	0.000139
2074 Mar	0.000215	0.000962	0.111	0.00000971	1.27	2.6	0.03	0.000404	4.93	0.00129	0.0101	0.000209	0.00013	0.0000703	0.0888	0.00000195	0.0000884	0.00043	0.0014	0.000139
2074 Apr	0.000218	0.000978	0.113	0.00000987	1.3	2.64	0.0304	0.000411	5.01	0.00131	0.0103	0.000213	0.000132	0.0000714	0.0903	0.00000198	0.0000899	0.000437	0.00142	0.000141
2074 May	0.000349	0.00108	0.147	0.00000989	1.57	3.38	0.0546	0.000359	6.05	0.00151	0.0107	0.000434	0.000171	0.0000931	0.119	0.00000201	0.0000915	0.000699	0.00156	0.00014
2074 Jun	0.000405	0.000998	0.155	0.0000086	1.6	3.31	0.0668	0.0002	6.5	0.00145	0.00952	0.000564	0.000202	0.0000967	0.122	0.0000019	0.0000796	0.000861	0.00165	0.0000658
2074 Jul	0.000429	0.0011	0.17	0.0000101	1.75	3.55	0.0706	0.000218	6.9	0.00162	0.0109	0.000593	0.000234	0.000105	0.132	0.00000219	0.0000869	0.000941	0.00194	0.0000693
2074 Aug	0.00048	0.00126	0.192	0.0000117	1.98	4.02	0.0787	0.000258	7.76	0.00184	0.0125	0.00066	0.000263	0.000118	0.149	0.00000252	0.0000987	0.00105	0.00221	0.0000832
2074 Sep	0.000343	0.00108	0.149	0.0000106	1.59	3.33	0.0544	0.000324	5.89	0.00157	0.011	0.000432	0.000203	0.0000953	0.118	0.00000217	0.0000889	0.000739	0.00179	0.000142
2074 Oct	0.000268	0.00103	0.126	0.0000101	1.41	3.04	0.04	0.0004	5.31	0.00145	0.0106	0.000294	0.000165	0.0000831	0.102	0.00000203	0.0000928	0.000559	0.00155	0.000186
2074 Nov	0.000264	0.00103	0.125	0.0000101	1.41	3.07	0.0391	0.000412	5.32	0.00146	0.0106	0.000283	0.000165	0.0000834	0.102	0.00000203	0.0000948	0.000548	0.00154	0.000202
2074 Dec	0.000264	0.00103	0.125	0.0000101	1.41	3.08	0.0391	0.000413	5.33	0.00146	0.0106	0.000283	0.000165	0.0000836	0.102	0.00000203	0.000095	0.000548	0.00154	0.000205
2075 Jan	0.000264	0.00103	0.125	0.0000101	1.41	3.09	0.0391	0.000413	5.33	0.00146	0.0106	0.000284	0.000165	0.0000837	0.102	0.00000203	0.0000951	0.000548	0.00154	0.000205
2075 Feb	0.000264	0.00104	0.125	0.0000101	1.41	3.09	0.0392	0.000413	5.33	0.00146	0.0106	0.000284	0.000166	0.0000837	0.102	0.00000203	0.0000951	0.000549	0.00154	0.000205
2075 Mar	0.000265	0.00104	0.125	0.0000102	1.42	3.1	0.0393	0.000415	5.35	0.00147	0.0106	0.000284	0.000166	0.000084	0.102	0.00000204	0.0000954	0.00055	0.00154	0.000206
2075 Apr	0.000269	0.00105	0.127	0.0000103	1.44	3.14	0.0398	0.00042	5.42	0.00149	0.0108	0.000288	0.000168	0.0000852	0.104	0.00000207	0.0000968	0.000558	0.00157	0.000209
2075 May	0.000293	0.00112	0.134	0.0000106	1.52	3.57	0.0441	0.000454	5.52	0.00163	0.0111	0.000318	0.00019	0.0000956	0.112	0.00000211	0.000103	0.000603	0.00161	0.000297
2075 Jun	0.000162	0.000754	0.0918	0.00000912	1.08	2	0.0245	0.000211	4.09	0.00118	0.00886	0.000174	0.000204	0.0000617	0.0675	0.00000192	0.0000734	0.000497	0.00177	0.000123
2075 Jul	0.000133	0.000721	0.09	0.00000994	1.04	1.63	0.0198	0.000157	3.76	0.00114	0.00931	0.00014	0.000224	0.000055	0.0598	0.00000209	0.0000672	0.000503	0.00201	0.0000598
2075 Aug	0.000134	0.000769	0.0945	0.0000106	1.07	1.71	0.0194	0.000183	3.78	0.00119	0.0098	0.000135	0.00022	0.0000573	0.0627	0.00000219	0.0000689	0.000483	0.00204	0.0000688
2075 Sep	0.000134	0.000797	0.0952	0.0000108	1.1	1.8	0.0189	0.000219	3.82	0.00122	0.00999	0.000126	0.000211	0.0000589	0.0648	0.00000221	0.0000715	0.000459	0.002	0.0000849
2075 Oct	0.000131	0.000814	0.092	0.0000104	1.09	1.9	0.0176	0.000276	3.93	0.0012	0.00982	0.000109	0.000185	0.0000587	0.0658	0.00000211	0.0000765	0.000404	0.0018	0.000116
2075 Nov	0.000132	0.000825	0.0924	0.0000105	1.1	1.94	0.0175	0.000289	3.95	0.00121	0.0099	0.000106	0.000182	0.0000591	0.0666	0.00000211	0.0000777	0.000399	0.00179	0.000122
2075 Dec	0.000132	0.000827	0.0925	0.0000105	1.1	1.94	0.0176	0.00029	3.96	0.00122	0.00991	0.000106	0.000183	0.0000592	0.0667	0.00000212	0.0000779	0.0004	0.00179	0.000123
2076 Jan	0.000132	0.000827	0.0925	0.0000105	1.1	1.94	0.0176	0.00029	3.96	0.00122	0.00992	0.000106	0.000183	0.0000592	0.0667	0.00000212	0.0000779	0.0004	0.00179	0.000123
2076 Feb	0.000132	0.000828	0.0926	0.0000105	1.1	1.94	0.0176	0.00029	3.97	0.00122	0.00993	0.000106	0.000183	0.0000593	0.0668	0.00000212	0.000078	0.0004	0.00179	0.000123
2076 Mar	0.000132	0.00083	0.0929	0.0000105	1.1	1.95	0.0176	0.000291	3.98	0.00122	0.00996	0.000107	0.000183	0.0000595	0.067	0.00000213	0.0000782	0.000401	0.0018	0.000124
2076 Apr	0.000134	0.000837	0.0937	0.0000106	1.11	1.97	0.0178	0.000293	4.01	0.00123	0.01	0.000108	0.000185	0.00006	0.0675	0.00000214	0.0000789	0.000405	0.00181	0.000125
2076 May	0.000234	0.00094	0.121	0.0000107	1.33	2.56	0.0356	0.000292	4.83	0.00138	0.0105	0.000268	0.000196	0.0000753	0.0907	0.00000215	0.0000819	0.000577	0.00183	0.000117
2076 Jun	0.000358	0.000931	0.143	0.00000867	1.48	2.95	0.0587	0.000188	5.92	0.00136	0.00933	0.000492	0.000197	0.0000873	0.11	0.00000188	0.000075	0.000792	0.00167	0.0000487
2076 Jul	0.000332	0.000962	0.142	0.00000972	1.5	2.86	0.0539	0.000192	5.91	0.00142	0.0101	0.000448	0.000218	0.0000865	0.107	0.0000021	0.0000787	0.000783	0.00189	0.0000503
2076 Aug	0.000351	0.00105	0.154	0.000011	1.62	3.08	0.0567	0.000223	6.23	0.00155	0.0112	0.000468	0.000234	0.0000934	0.116	0.00000233	0.0000844	0.000825	0.00207	0.000058
2076 Sep	0.000331	0.00105	0.149	0.0000111	1.58	3.03	0.0528	0.000253	5.91	0.00154	0.0112	0.000429	0.000224	0.000091	0.113	0.00000232	0.000084	0.000772	0.00202	0.0000757
2076 Oct	0.000257	0.000968	0.125	0.0000103	1.37	2.7	0.0388	0.000322	5.06	0.00137	0.0104	0.000296	0.000176	0.0000773	0.0962	0.00000208	0.000083	0.000581	0.00169	0.000118
2076 Nov	0.000245	0.000963	0.121	0.0000102	1.34	2.66	0.0364	0.000341	4.96	0.00135	0.0104	0.000272	0.000167	0.0000752	0.0939	0.00000205	0.000084	0.000547	0.00164	0.000127
2076 Dec	0.000245	0.000965	0.121	0.0000102	1.34	2.67	0.0364	0.000342	4.97	0.00135	0.0104	0.000272	0.000168	0.0000753	0.0941	0.00000206	0.0000841	0.000548	0.00164	0.000128
2077 Jan	0.000245	0.000965	0.121	0.0000102	1.34	2.67	0.0364	0.000342	4.97	0.00135	0.0104	0.000272	0.000168	0.0000754	0.0941	0.00000206	0.0000842	0.000548	0.00164	0.000128
2077 Feb	0.000245	0.000965	0.121	0.0000102	1.34	2.67	0.0365	0.000342	4.97	0.00135	0.0104	0.000272	0.000168	0.0000754	0.0941	0.00000206	0.0000842	0.000549	0.00164	0.000128
2077 Mar	0.000245	0.000966	0.121	0.0000102	1.34	2.67	0.0365	0.000342	4.98	0.00136	0.0104	0.000272	0.000168	0.0000755	0.0942	0.00000206	0.0000843	0.000549	0.00164	0.000128
2077 Apr	0.000248	0.000976	0.123	0.0000103	1.36	2.7	0.0369	0.000346	5.03	0.00137	0.0105	0.000275	0.00017	0.0000763	0.0952	0.00000208	0.0000852	0.000555	0.00166	0.00013
2077 May	0.000312	0.00104	0.14	0.0000104	1.5	3.08	0.0483	0.000337	5.57	0.00147	0.0108	0.000379	0.000182	0.0000865	0.11	0.0000021	0.0000874	0.000672	0.0017	0.000127
2077 Jun	0.000387	0.000979	0.155	0.00000926	1.56	3.2	0.064	0.000202	5.92	0.00145	0.00988	0.000536	0.000211	0.0000932	0.119	0.00000193	0.0000765	0.000858	0.00175	0.0000655
2077 Jul	0.000389	0.00105	0.164	0.0000109	1.65	3.31	0.0642	0.000212	6.01	0.00159	0.0112	0.000533	0.000249	0.0000976	0.123	0.00000222	0.0000819	0.000918	0.00208	0.0000715
2077 Aug	0.000409	0.00115	0.176	0.0000121	1.78	3.55	0.067	0.000248	6.44	0.00173	0.0123	0.000552	0.000266	0.000105	0.132	0.00000247	0.0000895	0.000961	0.00227	0.0000848
2077 Sep	0.000245	0.000936	0.12	0.0000103	1.34	2.6	0.0369	0.000331	4.86	0.00134	0.0102	0.000275	0.000167	0.0000757	0.0939	0.00000206	0.0000803	0.000549	0.00166	0.000113
2077 Oct	0.000211	0.000936	0.11	0.0000101	1.28	2.48	0.0297	0.00039	4.75	0.00128	0.0102	0.000205	0.000139	0.0000691	0.0879	0.00000201	0.0000845	0.000452	0.00151	0.000125
2077 Nov	0.000212	0.000944	0.111	0.0000101	1.28	2.5	0.0298	0.000395	4.78	0.00129	0.0103	0.000205	0.000139	0.0000696	0.0885	0.00000202	0.0000853	0.000454	0.00152	0.000127
2077 Dec	0.000212	0.000945	0.111	0.0000101	1.29	2.5	0.0298	0.000395	4.79	0.00129	0.0103	0.000205	0.00014	0.0000697	0.0886	0.00000203	0.0000854	0.000455	0.00152	0.000128
2078 Jan	0.000212	0.000946	0.111	0.0000101	1.29	2.5	0.0298	0.000396	4.79	0.00129	0.0103	0.000205	0.00014	0.0000698	0.0887	0.00000203	0.0000855	0.000455	0.00152	0.000128
2078 Feb	0.000212	0.000946	0.111	0.0000102	1.29	2.5	0.0299	0.000396	4.79	0.00129	0.0103	0.000206	0.00014	0.0000698	0.0887	0.00000203	0.0000855	0.000455	0.00152	0.000128
2078 Mar	0.000212	0.000947	0.111	0.0000102	1.29	2.51	0.0299	0.000396	4.8	0.0013	0.0103	0.000206	0.00014	0.0000699	0.0888	0.00000203	0.0000856	0.000455	0.00152	0.000128
2078 Apr	0.000216	0.000965	0.113	0.0000104	1.31	2.55	0.0304	0.000404	4.89	0.00132	0.0105	0.00021	0.000143	0.0000712	0.0904	0.00000207	0.0000872	0.000464	0.00155	0.000131

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 May	0.000377	0.00107	0.155	0.0000099	1.62	3.4	0.06	0.000326	6.15	0.00152	0.0107	0.000486	0.000179	0.0000952	0.123	0.00000202	0.0000871	0.00077	0.00163	0.000112
2078 Jun	0.000431	0.00103	0.162	0.00000864	1.66	3.43	0.0712	0.000202	6.71	0.00148	0.00968	0.000604	0.000199	0.0000995	0.128	0.0000019	0.0000798	0.000898	0.00164	0.000054
2078 Jul	0.000465	0.00114	0.18	0.0000101	1.82	3.73	0.0766	0.000224	7.16	0.00164	0.011	0.00065	0.000224	0.000109	0.14	0.00000217	0.0000866	0.000981	0.00188	0.0000592
2078 Aug	0.000429	0.00114	0.175	0.0000107	1.75	3.58	0.0701	0.000239	6.6	0.00163	0.0113	0.000593	0.000216	0.000105	0.134	0.00000223	0.0000835	0.000898	0.00189	0.0000741
2078 Sep	0.000379	0.00111	0.161	0.0000108	1.66	3.39	0.061	0.00028	6.12	0.00158	0.011	0.000504	0.000197	0.000099	0.124	0.00000221	0.0000832	0.000779	0.00179	0.000105
2078 Oct	0.000326	0.00106	0.144	0.0000104	1.53	3.21	0.0511	0.000326	5.63	0.00151	0.0106	0.000408	0.000177	0.0000916	0.113	0.0000021	0.0000849	0.000659	0.00164	0.000156
2078 Nov	0.000317	0.00106	0.141	0.0000104	1.51	3.19	0.0493	0.000338	5.56	0.0015	0.0106	0.00039	0.000174	0.0000907	0.112	0.00000209	0.0000859	0.000637	0.00162	0.000169
2078 Dec	0.000317	0.00106	0.142	0.0000104	1.51	3.2	0.0494	0.000339	5.57	0.0015	0.0106	0.000391	0.000174	0.0000908	0.112	0.0000021	0.000086	0.000638	0.00162	0.00017
2079 Jan	0.000317	0.00106	0.142	0.0000104	1.51	3.2	0.0494	0.000339	5.57	0.0015	0.0106	0.000391	0.000175	0.0000909	0.112	0.0000021	0.0000861	0.000638	0.00162	0.00017
2079 Feb	0.000317	0.00106	0.142	0.0000104	1.51	3.2	0.0494	0.000339	5.57	0.0015	0.0106	0.000391	0.000175	0.0000909	0.112	0.0000021	0.0000861	0.000638	0.00162	0.00017
2079 Mar	0.000318	0.00106	0.142	0.0000105	1.52	3.2	0.0495	0.000339	5.58	0.00151	0.0106	0.000391	0.000175	0.000091	0.112	0.0000021	0.0000862	0.000639	0.00162	0.000171
2079 Apr	0.000321	0.00107	0.143	0.0000106	1.53	3.24	0.05	0.000343	5.64	0.00152	0.0107	0.000396	0.000177	0.000092	0.113	0.00000212	0.0000871	0.000646	0.00164	0.000172
2079 May	0.00034	0.00112	0.151	0.000011	1.6	3.41	0.0531	0.000357	5.88	0.00159	0.0112	0.000421	0.000185	0.0000966	0.119	0.0000022	0.0000905	0.000683	0.00171	0.000182
2079 Jun	0.000211	0.000764	0.105	0.00000895	1.15	2.09	0.0334	0.000173	4.39	0.00117	0.00881	0.000263	0.000202	0.0000651	0.0762	0.00000188	0.0000686	0.000582	0.00176	0.0000712
2079 Jul	0.000166	0.000746	0.0991	0.00000991	1.09	1.81	0.0257	0.000157	3.92	0.00117	0.00936	0.000194	0.000222	0.0000593	0.0671	0.00000205	0.0000667	0.00055	0.00198	0.0000607
2079 Aug	0.000172	0.000825	0.107	0.000011	1.17	1.95	0.0261	0.000183	4.09	0.00127	0.0103	0.000196	0.000231	0.0000639	0.0721	0.00000225	0.0000711	0.000556	0.00211	0.0000752
2079 Sep	0.000149	0.000823	0.0975	0.0000104	1.11	1.95	0.0209	0.000264	3.88	0.0012	0.00983	0.000142	0.000181	0.0000598	0.0692	0.00000209	0.0000728	0.00043	0.00179	0.000111
2079 Oct	0.000143	0.000851	0.0934	0.00001	1.1	2.04	0.0184	0.000339	4.04	0.00118	0.00982	0.000112	0.000149	0.0000582	0.0699	0.000002	0.0000797	0.000365	0.00157	0.000141
2079 Nov	0.000142	0.000868	0.0926	0.00000991	1.1	2.07	0.0176	0.000371	4.11	0.00118	0.0099	0.000101	0.000137	0.0000576	0.0706	0.00000198	0.0000825	0.000343	0.0015	0.00015
2079 Dec	0.000141	0.000877	0.0921	0.00000986	1.11	2.09	0.017	0.000389	4.14	0.00117	0.00995	0.0000947	0.00013	0.0000571	0.071	0.00000197	0.0000838	0.000331	0.00146	0.000154
2080 Jan	0.000141	0.000877	0.0921	0.00000986	1.11	2.09	0.017	0.000389	4.14	0.00117	0.00995	0.0000947	0.00013	0.0000571	0.071	0.00000197	0.0000838	0.000331	0.00146	0.000154
2080 Feb	0.000141	0.000878	0.0922	0.00000987	1.11	2.09	0.017	0.000389	4.15	0.00117	0.00996	0.0000947	0.00013	0.0000572	0.071	0.00000197	0.0000839	0.000331	0.00146	0.000154
2080 Mar	0.000141	0.000878	0.0922	0.00000987	1.11	2.09	0.017	0.000389	4.15	0.00117	0.00996	0.0000947	0.00013	0.0000572	0.0711	0.00000197	0.0000839	0.000331	0.00146	0.000154
2080 Apr	0.000142	0.000884	0.0929	0.00000994	1.11	2.11	0.0172	0.000392	4.18	0.00118	0.01	0.0000954	0.000131	0.0000576	0.0716	0.00000198	0.0000845	0.000333	0.00147	0.000155
2080 May	0.00015	0.000928	0.0978	0.0000104	1.17	2.22	0.0183	0.00041	4.39	0.00124	0.0105	0.000103	0.000138	0.0000606	0.0753	0.00000208	0.0000885	0.000352	0.00154	0.000162
2080 Jun	0.000135	0.000747	0.0871	0.00000936	1.03	1.72	0.0187	0.000232	3.93	0.0011	0.00913	0.000124	0.000181	0.0000536	0.062	0.00000196	0.0000717	0.000432	0.00173	0.0000826
2080 Jul	0.000124	0.000718	0.0881	0.00000984	1	1.55	0.0177	0.00017	3.61	0.00109	0.00921	0.000124	0.000202	0.0000515	0.0577	0.00000204	0.0000652	0.000451	0.0019	0.0000535
2080 Aug	0.000124	0.000773	0.0928	0.0000105	1.04	1.62	0.0171	0.000198	3.64	0.00114	0.00968	0.000119	0.000192	0.0000538	0.0606	0.00000214	0.0000665	0.000414	0.00189	0.0000632
2080 Sep	0.000119	0.000789	0.0878	0.0000102	1.04	1.71	0.0152	0.000274	3.74	0.00112	0.00937	0.0000937	0.00015	0.0000547	0.0626	0.00000206	0.0000693	0.000322	0.00164	0.0000893
2080 Oct	0.000122	0.000826	0.0869	0.00000997	1.07	1.85	0.0147	0.000342	4	0.00113	0.00949	0.0000808	0.000128	0.0000552	0.0656	0.000002	0.0000769	0.000289	0.00149	0.000118
2080 Nov	0.000126	0.000853	0.0867	0.00000978	1.08	1.95	0.0146	0.000381	4.18	0.00113	0.00959	0.0000752	0.000116	0.0000556	0.0676	0.00000197	0.0000815	0.000276	0.00141	0.000138
2080 Dec	0.000126	0.000855	0.0867	0.00000977	1.09	1.96	0.0146	0.000383	4.19	0.00114	0.0096	0.0000748	0.000116	0.0000557	0.0678	0.00000197	0.0000818	0.000276	0.0014	0.000139
2081 Jan	0.000126	0.000856	0.0868	0.00000978	1.09	1.96	0.0146	0.000384	4.19	0.00114	0.00961	0.0000748	0.000116	0.0000558	0.0678	0.00000197	0.0000818	0.000276	0.0014	0.000139
2081 Feb	0.000126	0.000856	0.0868	0.00000978	1.09	1.96	0.0146	0.000384	4.19	0.00114	0.00961	0.0000748	0.000116	0.0000558	0.0678	0.00000197	0.0000818	0.000276	0.0014	0.000139
2081 Mar	0.000126	0.000857	0.0869	0.00000979	1.09	1.96	0.0146	0.000384	4.2	0.00114	0.00962	0.0000749	0.000116	0.0000558	0.0679	0.00000197	0.0000819	0.000276	0.0014	0.000139
2081 Apr	0.000128	0.000867	0.0879	0.0000099	1.1	1.99	0.0148	0.000388	4.24	0.00115	0.00973	0.000076	0.000117	0.0000565	0.0687	0.000002	0.0000828	0.00028	0.00142	0.000141
2081 May	0.000312	0.00102	0.138	0.00000991	1.48	2.97	0.0481	0.000334	5.67	0.0014	0.0104	0.00038	0.000158	0.0000837	0.108	0.00000202	0.0000849	0.000635	0.00156	0.000106
2081 Jun	0.000419	0.00104	0.161	0.00000899	1.65	3.38	0.0688	0.000221	6.6	0.00148	0.00995	0.00058	0.000195	0.0000979	0.127	0.00000195	0.0000807	0.000875	0.00166	0.0000559
2081 Jul	0.000477	0.0012	0.186	0.0000107	1.91	3.87	0.0781	0.000255	7.59	0.00172	0.0117	0.000658	0.000232	0.000113	0.145	0.00000231	0.0000939	0.00101	0.00198	0.000065
2081 Aug	0.000537	0.00138	0.212	0.0000124	2.18	4.4	0.0878	0.000302	8.61	0.00197	0.0135	0.000737	0.000262	0.000128	0.165	0.00000267	0.000107	0.00113	0.00227	0.0000769
2081 Sep	0.000446	0.00122	0.182	0.0000117	1.89	3.82	0.0719	0.000318	7.05	0.00175	0.0123	0.000592	0.000222	0.000111	0.143	0.00000242	0.0000931	0.000932	0.00201	0.0000943
2081 Oct	0.000398	0.00117	0.168	0.0000113	1.76	3.6	0.0633	0.000345	6.5	0.00166	0.0118	0.000511	0.000202	0.000103	0.132	0.00000231	0.0000918	0.000827	0.00187	0.000122
2081 Nov	0.000347	0.00111	0.151	0.0000108	1.61	3.34	0.0541	0.000369	5.98	0.00155	0.0113	0.000425	0.00018	0.0000939	0.12	0.00000218	0.0000908	0.000715	0.00171	0.000149
2081 Dec	0.000344	0.0011	0.15	0.0000107	1.61	3.32	0.0534	0.000372	5.95	0.00155	0.0113	0.000419	0.000178	0.0000933	0.12	0.00000217	0.0000909	0.000707	0.0017	0.000152
2082 Jan	0.000344	0.0011	0.15	0.0000108	1.61	3.33	0.0534	0.000372	5.95	0.00155	0.0113	0.000419	0.000178	0.0000933	0.12	0.00000217	0.0000909	0.000707	0.0017	0.000152
2082 Feb	0.000344	0.0011	0.15	0.0000108	1.61	3.33	0.0534	0.000373	5.95	0.00155	0.0113	0.000419	0.000178	0.0000933	0.12	0.00000217	0.0000909	0.000707	0.0017	0.000152
2082 Mar	0.000344	0.00111	0.15	0.0000108	1.61	3.33	0.0535	0.000373	5.96	0.00155	0.0113	0.000419	0.000179	0.0000935	0.12	0.00000218	0.0000911	0.000708	0.00171	0.000152
2082 Apr	0.000347	0.00112	0.151	0.0000109	1.62	3.36	0.0539	0.000376	6.01	0.00157	0.0114	0.000423	0.00018	0.0000943	0.121	0.00000219	0.0000919	0.000714	0.00172	0.000153
2082 May	0.000362	0.00116	0.158	0.0000113	1.69	3.5	0.0562	0.000392	6.27	0.00163	0.0119	0.000441	0.000188	0.0000983	0.126	0.00000229	0.0000957	0.000745	0.00179	0.00016
2082 Jun	0.000179	0.000769	0.0984	0.0000094	1.12	2	0.0272	0.000208	4.17	0.00118	0.00913	0.000201	0.0002	0.000062	0.0714	0.00000196	0.0000715	0.000526	0.0018	0.000101
2082 Jul	0.000128	0.0007	0.0883	0.00000985	1.01	1.53	0.019	0.000146	3.66	0.0011	0.00919	0.000135	0.00022	0.0000526	0.0577	0.00000207	0.0000649	0.000496	0.00201	0.0000484
2082 Aug	0.000133	0.000767	0.0953	0.0000108	1.09	1.64	0.0193	0.000176	3.81	0.00119	0.00998	0.000135	0.000224	0.0000564	0.0625	0.00000224	0.0000684	0.000497	0.00211	0.0000537
2082 Sep	0.00013	0.000789	0.0949	0.0000109	1.09	1.69	0.0181	0.000219	3.79	0.00119	0.0101	0.00012	0.000205	0.0000564	0.0639	0.00000224	0.0000696	0.000454	0.00202	0.0000635
2082 Oct	0.00012	0.000793	0.087	0.00000992	1.03	1.71	0.0146	0.000314	3.73	0.00109	0.00961	0.0000821	0.000141	0.0000509	0.0631	0.00000199	0.0000726	0.000338	0.00159	0.0000856
2082 Nov	0.000121	0.000802	0.0876	0.00000998	1.04	1.73	0.0146	0.000322	3.76	0.00109	0.0097	0.0000811	0.000141	0.0000513	0.0637	0.000002	0.0000735	0.000337	0.00159	0.0000893
2082 Dec	0.000122	0.000804	0.0877	0.00001	1.04	1.74	0.0147	0.000323	3.76	0.0011	0.00971	0.0000813	0.000141	0.0000514	0.0639	0.00000201	0.0000736	0.000338	0.00159	0.0000902
2083 Jan	0.000122	0.000804	0.0878	0.00001	1.04	1.74	0.0147	0.000323	3.76	0.0011	0.00972	0.0000813	0.000141	0.0000514	0.0639	0.00000201	0.0000737	0.000338	0.0016	0.0000903
2083 Feb	0.000122	0.000805	0.0879	0.00001	1.05	1.74	0.0147	0.000323	3.77	0.0011	0.00973	0.0000814	0.000141	0.0000515	0.064	0.00000201	0.0000738	0.000338	0.0016	0.0000904
2083 Mar	0.000122	0.000807	0.0881	0.00001	1.05	1.75	0.0147	0.000324	3.78	0.0011	0.00975	0.0000816	0.000141	0.0000516	0.0641	0.00000201	0.0000739	0.000339	0.0016	0.0000906
2083 Apr	0.000123	0.000817	0.0891	0.0000102	1.06	1.77	0.0149	0.000328	3.82	0.00111	0.00987	0.0000825	0.000143	0.0000522	0.0649	0.00000204	0.0000748	0.000343	0.00162	0.0000916
2083 May	0.000264	0.00096	0.127	0.0000102	1.37	2.67	0.0401	0.000315	5.02	0.00135	0.0104	0.000309	0.000173	0.0000765	0.0971	0.00000206	0.0000813	0.000595	0.00169	0.000119
2083 Jun	0.000383	0.000964	0.15	0.00000875	1.54	3.13	0.0631	0.000194	6.1	0.00141	0.0095	0.000531	0.0002	0.0000917	0.117	0.00000189	0.0000763	0.000833	0.00167	0.0000632
2083 Jul	0.000356	0.000993	0.15	0.00000988	1.54	3.03	0.0581	0.0002	5.93	0.00146	0.0103	0.000485	0.000217	0.0000903	0.113	0.00000209	0.0000785	0.000811	0.00187	0.0000696
2083 Aug	0.000292	0.000979	0.139	0.0000106	1.41	2.71	0.0463	0.000214	5.12	0.00139	0.0104	0.000387	0.000193	0.0000813	0.101	0.00000214	0.000073	0.00065	0.00179	0.0000867
2083 Sep	0.000234	0.000945	0.12	0.0000101	1.29	2.47	0.0347	0.000295	4.76	0.00129	0.0101	0.000272	0.000151	0.0000715	0.0895	0.00000204	0.0000765	0.000491	0.00156	0.000118
2083 Oct	0.000178	0.000924	0.1	0.00000941	1.18	2.24	0.0229	0.000397	4.65	0.00116	0.00986	0.000154	0.000104	0.0000603	0.079	0.00000192	0.0000839	0.000343	0.0013	0.000139
2083 Nov	0.00017	0.000925	0.0969	0.00000921	1.17	2.21	0.0211	0.000414	4.76	0.00115	0.00983	0.000135	0.0000965	0.0000588	0.0776	0.00000191	0.0000862	0.000322	0.00126	0.00014

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2083 Dec	0.000171	0.000926	0.097	0.00000922	1.17	2.21	0.0211	0.000415	4.77	0.00115	0.00984	0.000135	0.0000966	0.0000589	0.0777	0.00000191	0.0000864	0.000322	0.00126	0.000141
2084 Jan	0.000171	0.000927	0.097	0.00000922	1.17	2.21	0.0211	0.000415	4.77	0.00115	0.00984	0.000135	0.0000966	0.0000589	0.0777	0.00000191	0.0000864	0.000322	0.00126	0.000141
2084 Feb	0.000171	0.000927	0.097	0.00000922	1.17	2.21	0.0211	0.000415	4.77	0.00115	0.00985	0.000135	0.0000967	0.0000589	0.0777	0.00000191	0.0000864	0.000322	0.00126	0.000141
2084 Mar	0.000171	0.000929	0.0972	0.00000924	1.18	2.22	0.0211	0.000416	4.78	0.00115	0.00987	0.000136	0.0000969	0.000059	0.0779	0.00000192	0.0000866	0.000323	0.00126	0.000141
2084 Apr	0.000174	0.000946	0.099	0.00000941	1.2	2.26	0.0215	0.000423	4.87	0.00117	0.01	0.000138	0.0000986	0.0000601	0.0793	0.00000195	0.0000882	0.000329	0.00129	0.000144
2084 May	0.000333	0.00107	0.143	0.00000968	1.52	3.13	0.0509	0.000362	5.92	0.00142	0.0106	0.000406	0.000147	0.0000854	0.114	0.00000199	0.0000879	0.000652	0.00148	0.000125
2084 Jun	0.000399	0.000983	0.154	0.0000087	1.57	3.21	0.0656	0.000201	6.26	0.00142	0.00957	0.000554	0.000194	0.0000933	0.12	0.00000188	0.0000767	0.000849	0.00163	0.0000538
2084 Jul	0.000405	0.00105	0.164	0.0000101	1.66	3.32	0.0664	0.000212	6.36	0.00153	0.0107	0.000559	0.00022	0.0000975	0.125	0.00000212	0.0000808	0.000894	0.00188	0.0000585
2084 Aug	0.000401	0.0011	0.168	0.0000109	1.7	3.38	0.0653	0.000238	6.37	0.00159	0.0113	0.000546	0.000222	0.0000997	0.127	0.00000226	0.0000831	0.000879	0.00196	0.000071
2084 Sep	0.000328	0.00102	0.145	0.0000105	1.52	3	0.0522	0.000279	5.58	0.00146	0.0106	0.000422	0.000187	0.0000884	0.112	0.00000213	0.0000792	0.000704	0.00176	0.000101
2084 Oct	0.000253	0.000962	0.121	0.00000994	1.35	2.67	0.0376	0.000357	5.05	0.00132	0.0101	0.000283	0.000145	0.0000753	0.096	0.00000199	0.0000829	0.000521	0.00151	0.000146
2084 Nov	0.000231	0.000954	0.115	0.0000098	1.31	2.59	0.0332	0.000386	4.98	0.00129	0.0101	0.000241	0.000131	0.0000714	0.0918	0.00000196	0.0000855	0.000468	0.00143	0.000156
2084 Dec	0.000232	0.000955	0.115	0.00000981	1.31	2.59	0.0333	0.000386	4.99	0.00129	0.0101	0.000241	0.000132	0.0000715	0.0919	0.00000196	0.0000856	0.000469	0.00143	0.000157
2085 Jan	0.000232	0.000956	0.115	0.00000981	1.31	2.59	0.0333	0.000386	4.99	0.00129	0.0101	0.000241	0.000132	0.0000715	0.092	0.00000196	0.0000856	0.000469	0.00143	0.000157
2085 Feb	0.000232	0.000956	0.115	0.00000982	1.31	2.59	0.0333	0.000386	4.99	0.00129	0.0101	0.000241	0.000132	0.0000716	0.092	0.00000196	0.0000857	0.000469	0.00143	0.000157
2085 Mar	0.000232	0.000957	0.115	0.00000983	1.31	2.59	0.0333	0.000387	4.99	0.00129	0.0101	0.000241	0.000132	0.0000716	0.0921	0.00000196	0.0000857	0.000469	0.00144	0.000157
2085 Apr	0.000234	0.000966	0.116	0.00000992	1.32	2.62	0.0337	0.00039	5.04	0.0013	0.0102	0.000244	0.000133	0.0000723	0.093	0.00000198	0.0000866	0.000474	0.00145	0.000159
2085 May	0.000355	0.00106	0.149	0.00000992	1.56	3.28	0.0557	0.000347	5.9	0.00147	0.0106	0.000446	0.000164	0.0000908	0.119	0.000002	0.0000868	0.00071	0.00155	0.000144
2085 Jun	0.000468	0.00111	0.177	0.00000948	1.77	3.74	0.0772	0.000242	6.88	0.00159	0.0105	0.000653	0.000204	0.000106	0.14	0.00000199	0.0000839	0.000961	0.0017	0.0000764
2085 Jul	0.000498	0.00121	0.193	0.0000108	1.91	4.01	0.082	0.000261	7.25	0.00173	0.0117	0.000694	0.000226	0.000115	0.15	0.00000223	0.0000895	0.00103	0.00191	0.0000832
2085 Aug	0.000389	0.00109	0.162	0.0000105	1.65	3.37	0.0628	0.000277	6.08	0.00155	0.0108	0.000522	0.000187	0.000098	0.126	0.00000212	0.0000808	0.000787	0.00172	0.000106
2085 Sep	0.00027	0.000973	0.125	0.00000997	1.39	2.78	0.0409	0.000356	5.21	0.00135	0.00989	0.000313	0.000135	0.0000803	0.101	0.00000199	0.0000808	0.000514	0.00145	0.000151
2085 Oct	0.000219	0.00095	0.108	0.00000946	1.29	2.56	0.0307	0.000406	5.03	0.00126	0.00973	0.000216	0.000113	0.000071	0.0898	0.00000192	0.0000857	0.000406	0.00131	0.000181
2085 Nov	0.0002	0.000943	0.102	0.00000924	1.25	2.46	0.0268	0.000423	4.97	0.00122	0.0097	0.00018	0.000103	0.0000671	0.0856	0.00000191	0.0000871	0.000366	0.00126	0.000185
2085 Dec	0.0002	0.000944	0.102	0.00000925	1.25	2.46	0.0269	0.000424	4.98	0.00122	0.00971	0.00018	0.000103	0.0000672	0.0857	0.00000191	0.0000871	0.000366	0.00126	0.000186
2086 Jan	0.0002	0.000944	0.102	0.00000925	1.25	2.46	0.0269	0.000424	4.98	0.00122	0.00971	0.00018	0.000103	0.0000672	0.0857	0.00000191	0.0000871	0.000367	0.00126	0.000186
2086 Feb	0.0002	0.000944	0.102	0.00000925	1.25	2.46	0.0269	0.000424	4.98	0.00122	0.00971	0.00018	0.000103	0.0000672	0.0857	0.00000191	0.0000872	0.000367	0.00126	0.000186
2086 Mar	0.000201	0.000945	0.103	0.00000926	1.25	2.47	0.0269	0.000424	4.98	0.00123	0.00972	0.000181	0.000103	0.0000673	0.0858	0.00000191	0.0000873	0.000367	0.00126	0.000186
2086 Apr	0.000203	0.000958	0.104	0.00000938	1.27	2.5	0.0272	0.00043	5.05	0.00124	0.00985	0.000183	0.000105	0.0000682	0.0869	0.00000194	0.0000884	0.000372	0.00128	0.000188
2086 May	0.000254	0.00102	0.12	0.0000098	1.39	2.83	0.0362	0.000429	5.43	0.00135	0.0104	0.000263	0.000121	0.000077	0.0994	0.00000201	0.0000908	0.000474	0.00137	0.000192
2086 Jun	0.000302	0.00088	0.129	0.00000895	1.37	2.64	0.0488	0.000196	5.31	0.0013	0.00932	0.000401	0.000196	0.0000787	0.0982	0.0000019	0.0000732	0.000709	0.00171	0.0000686
2086 Jul	0.00026	0.000896	0.127	0.0000104	1.35	2.43	0.0414	0.000189	4.99	0.00135	0.0103	0.000333	0.000228	0.0000756	0.0913	0.00000218	0.0000748	0.000695	0.00203	0.0000677
2086 Aug	0.000235	0.000909	0.123	0.0000109	1.32	2.37	0.0366	0.000216	4.7	0.00135	0.0105	0.000289	0.000216	0.0000739	0.088	0.00000223	0.0000741	0.000617	0.00199	0.0000964
2086 Sep	0.000186	0.000864	0.105	0.0000104	1.21	2.19	0.0271	0.000292	4.28	0.00126	0.00975	0.000194	0.000165	0.0000675	0.0794	0.00000209	0.0000735	0.000444	0.00169	0.000142
2086 Oct	0.000175	0.000876	0.101	0.0000103	1.19	2.21	0.0245	0.000334	4.26	0.00124	0.00978	0.000165	0.000149	0.0000659	0.0784	0.00000205	0.0000767	0.000399	0.00159	0.000169
2086 Nov	0.000176	0.000883	0.102	0.0000104	1.2	2.22	0.0246	0.000338	4.29	0.00125	0.00985	0.000166	0.00015	0.0000665	0.079	0.00000207	0.0000775	0.000401	0.0016	0.000172
2086 Dec	0.000176	0.000884	0.102	0.0000104	1.2	2.23	0.0246	0.000338	4.3	0.00125	0.00986	0.000166	0.00015	0.0000665	0.0791	0.00000207	0.0000776	0.000401	0.0016	0.000173
2087 Jan	0.000176	0.000884	0.102	0.0000104	1.2	2.23	0.0246	0.000338	4.3	0.00125	0.00986	0.000166	0.00015	0.0000666	0.0791	0.00000207	0.0000776	0.000402	0.0016	0.000173
2087 Feb	0.000176	0.000885	0.102	0.0000104	1.2	2.23	0.0247	0.000339	4.3	0.00126	0.00987	0.000166	0.00015	0.0000666	0.0791	0.00000207	0.0000776	0.000402	0.0016	0.000173
2087 Mar	0.000177	0.000887	0.103	0.0000104	1.21	2.24	0.0247	0.00034	4.31	0.00126	0.0099	0.000167	0.000151	0.0000668	0.0794	0.00000208	0.0000779	0.000403	0.00161	0.000174
2087 Apr	0.000178	0.000893	0.103	0.0000105	1.21	2.25	0.0249	0.000342	4.34	0.00127	0.00997	0.000168	0.000152	0.0000673	0.0799	0.00000209	0.0000784	0.000406	0.00162	0.000175
2087 May	0.000256	0.000964	0.124	0.0000104	1.38	2.7	0.0389	0.000329	5	0.00137	0.0103	0.000295	0.000165	0.0000788	0.0971	0.00000209	0.0000809	0.000551	0.00165	0.000163
2087 Jun	0.000441	0.00106	0.171	0.0000096	1.7	3.53	0.0729	0.000226	6.43	0.00154	0.0104	0.000615	0.000207	0.000102	0.133	0.00000198	0.0000794	0.000928	0.00174	0.0000726
2087 Jul	0.000417	0.00108	0.171	0.0000105	1.68	3.43	0.0684	0.000226	6.17	0.00157	0.011	0.000577	0.000216	0.0000997	0.129	0.00000213	0.0000791	0.000897	0.00187	0.000076
2087 Aug	0.000425	0.00116	0.18	0.0000116	1.78	3.58	0.0693	0.000252	6.46	0.00167	0.0119	0.000583	0.000227	0.000105	0.135	0.00000234	0.0000847	0.000912	0.00201	0.0000906
2087 Sep	0.000395	0.00116	0.172	0.0000117	1.73	3.48	0.0634	0.000285	6.22	0.00165	0.012	0.000526	0.000214	0.000101	0.13	0.00000236	0.0000859	0.000839	0.00197	0.000117
2087 Oct	0.000334	0.00109	0.152	0.0000111	1.57	3.18	0.0522	0.000321	5.68	0.00153	0.0113	0.000421	0.000187	0.0000907	0.116	0.00000222	0.0000855	0.000701	0.00178	0.000159
2087 Nov	0.000312	0.00107	0.145	0.0000109	1.51	3.08	0.0481	0.000337	5.5	0.00149	0.0111	0.000382	0.000176	0.000087	0.111	0.00000217	0.0000859	0.00065	0.00171	0.000176
2087 Dec	0.000313	0.00107	0.145	0.0000109	1.51	3.09	0.0481	0.000337	5.5	0.00149	0.0111	0.000383	0.000177	0.0000871	0.111	0.00000217	0.0000861	0.000651	0.00171	0.000177
2088 Jan	0.000313	0.00107	0.145	0.0000109	1.52	3.09	0.0482	0.000337	5.51	0.00149	0.0111	0.000383	0.000177	0.0000872	0.111	0.00000217	0.0000861	0.000651	0.00171	0.000177
2088 Feb	0.000313	0.00107	0.145	0.0000109	1.52	3.09	0.0482	0.000337	5.51	0.00149	0.0111	0.000383	0.000177	0.0000872	0.111	0.00000217	0.0000861	0.000651	0.00171	0.000177
2088 Mar	0.000314	0.00108	0.145	0.0000109	1.52	3.1	0.0483	0.000338	5.52	0.0015	0.0112	0.000384	0.000177	0.0000875	0.111	0.00000218	0.0000864	0.000653	0.00171	0.000178
2088 Apr	0.000322	0.00111	0.149	0.0000112	1.56	3.18	0.0496	0.000347	5.67	0.00153	0.0115	0.000394	0.000182	0.0000897	0.114	0.00000223	0.0000886	0.00067	0.00176	0.000182
2088 May	0.000345	0.00117	0.159	0.0000118	1.66	3.39	0.0532	0.000366	6.02	0.00163	0.0121	0.00042	0.000192	0.000095	0.122	0.00000236	0.0000936	0.000715	0.00185	0.000192
2088 Jun	0.000191	0.000782	0.106	0.00000991	1.13	2.02	0.0296	0.000202	3.97	0.00119	0.00951	0.000222	0.000204	0.0000619	0.0743	0.00000198	0.0000691	0.000558	0.00185	0.0000942
2088 Jul	0.000173	0.000802	0.109	0.0000112	1.17	1.92	0.0266	0.000185	3.95	0.00127	0.0105	0.000194	0.000242	0.0000619	0.072	0.00000224	0.0000721	0.000597	0.00219	0.0000749
2088 Aug	0.0002	0.000947	0.127	0.0000132	1.37	2.25	0.0305	0.000229	4.64	0.00148	0.0122	0.000221	0.000276	0.0000726	0.0845	0.00000263	0.0000843	0.000677	0.00253	0.0000899
2088 Sep	0.000191	0.000949	0.123	0.0000131	1.35	2.24	0.0286	0.000253	4.53	0.00147	0.0122	0.000201	0.000262	0.0000718	0.0836	0.00000261	0.0000837	0.000637	0.00245	0.000109
2088 Oct	0.00015	0.000866	0.0995	0.0000108	1.15	2.02	0.0198	0.000331	4	0.00123	0.0105	0.000121	0.000174	0.0000588	0.0723	0.00000214	0.0000797	0.000433	0.00179	0.000151
2088 Nov	0.000145	0.000868	0.0966	0.0000105	1.13	2.01	0.0183	0.000358	4	0.00119	0.0104	0.000106	0.000155	0.0000568	0.0715	0.00000208	0.0000807	0.000396	0.00168	0.000154
2088 Dec	0.000145	0.00087	0.0968	0.0000105	1.13	2.01	0.0184	0.000359	4.01	0.0012	0.0104	0.000106	0.000155	0.0000569	0.0716	0.00000208	0.0000808	0.000396	0.00168	0.000155
2089 Jan	0.000145	0.00087	0.0968	0.0000105	1.13	2.01	0.0184	0.000359	4.01	0.0012	0.0104	0.000106	0.000155	0.0000569	0.0717	0.00000208	0.0000809	0.000397	0.00168	0.000155
2089 Feb	0.000145	0.00087	0.0969	0.0000105	1.13	2.01	0.0184	0.000359	4.01	0.0012	0.0104	0.000106	0.000155	0.0000569	0.0717	0.00000209	0.0000809	0.000397	0.00168	0.000155
2089 Mar	0.000146	0.000874	0.0972	0.0000105	1.13	2.02	0.0184	0.00036	4.03	0.0012	0.0105	0.000107	0.000156	0.0000571	0.072	0.00000209	0.0000812	0.000398	0.00168	0.000155
2089 Apr	0.000148	0.000888	0.0988	0.0000107	1.15	2.05	0.0187	0.000366	4.09	0.00122	0.0106	0.000109	0.000158	0.0000581	0.0731	0.00000213	0.0000825	0.000405	0.00171	0.000158
2089 May	0.000265	0.000989	0.13	0.0000106	1.4	2.7	0.0398	0.000341	5.11	0.00138	0.0109	0.000302	0.000175	0.000076	0.0989	0.00000212	0.0000851	0.000609	0.00174	0.000133
2089 Jun	0.000491	0.00113	0.187	0.00000996	1.82	3.83	0.0814	0.000238	6.84	0.00162	0.011	0.000691	0.000213	0.000109	0.145	0.00000204	0.0000823	0.00102	0.00179	0.0000534

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Jul	0.00047	0.00116	0.188	0.0000108	1.82	3.77	0.0775	0.000243	6.67	0.00166	0.0116	0.000657	0.000222	0.000108	0.143	0.00000219	0.0000833	0.000989	0.00191	0.0000726
2089 Aug	0.000449	0.00121	0.188	0.0000117	1.83	3.76	0.0731	0.000262	6.64	0.00172	0.0122	0.000619	0.000224	0.000108	0.141	0.00000236	0.0000865	0.000936	0.00199	0.000105
2089 Sep	0.000382	0.00115	0.167	0.0000114	1.68	3.45	0.0608	0.000302	6.07	0.00161	0.0117	0.000503	0.000197	0.0000985	0.127	0.00000227	0.0000859	0.000784	0.00183	0.000154
2089 Oct	0.000239	0.000999	0.12	0.00000993	1.32	2.69	0.034	0.000398	5.03	0.00131	0.0104	0.000251	0.000127	0.0000722	0.0942	0.00000197	0.000088	0.000465	0.00139	0.000206
2089 Nov	0.000228	0.000999	0.117	0.00000993	1.31	2.65	0.0317	0.000416	5	0.00129	0.0104	0.000228	0.00012	0.0000701	0.0923	0.00000197	0.0000893	0.000439	0.00137	0.000208
2089 Dec	0.000229	0.001	0.117	0.00000994	1.31	2.65	0.0318	0.000417	5	0.00129	0.0105	0.000229	0.00012	0.0000703	0.0924	0.00000197	0.0000895	0.000439	0.00137	0.000209
2090 Jan	0.000229	0.001	0.117	0.00000995	1.31	2.65	0.0318	0.000417	5.01	0.0013	0.0105	0.000229	0.00012	0.0000703	0.0925	0.00000197	0.0000896	0.00044	0.00137	0.000209
2090 Feb	0.000229	0.001	0.117	0.00000996	1.31	2.66	0.0318	0.000417	5.01	0.0013	0.0105	0.000229	0.00012	0.0000704	0.0926	0.00000197	0.0000896	0.00044	0.00137	0.000209
2090 Mar	0.00023	0.001	0.118	0.00000999	1.31	2.66	0.0319	0.000419	5.03	0.0013	0.0105	0.00023	0.000121	0.0000706	0.0928	0.00000198	0.0000899	0.000441	0.00137	0.00021
2090 Apr	0.000232	0.00101	0.119	0.0000101	1.33	2.69	0.0322	0.000423	5.07	0.00131	0.0106	0.000232	0.000122	0.0000713	0.0937	0.000002	0.0000908	0.000446	0.00139	0.000212
2090 May	0.000255	0.00106	0.126	0.0000104	1.4	2.88	0.0362	0.00043	5.34	0.00138	0.011	0.000267	0.000132	0.0000765	0.1	0.00000205	0.0000939	0.000492	0.00144	0.000228
2090 Jun	0.000328	0.000918	0.137	0.0000091	1.43	2.85	0.0534	0.000203	5.46	0.00136	0.00953	0.000441	0.000202	0.0000838	0.105	0.00000191	0.000075	0.000754	0.00172	0.000101
2090 Jul	0.000299	0.000932	0.138	0.0000104	1.42	2.68	0.0483	0.000195	5.17	0.0014	0.0104	0.000394	0.000229	0.0000813	0.1	0.00000215	0.0000754	0.000754	0.002	0.0000873
2090 Aug	0.000202	0.000847	0.108	0.0000102	1.22	2.18	0.0305	0.000264	4.35	0.00123	0.00945	0.00023	0.00016	0.0000682	0.0814	0.00000203	0.0000699	0.000467	0.00165	0.000116
2090 Sep	0.000168	0.000855	0.0948	0.00000959	1.17	2.08	0.0225	0.000357	4.47	0.00116	0.0093	0.000148	0.000114	0.000062	0.0763	0.00000196	0.0000765	0.000338	0.00139	0.00014
2090 Oct	0.00015	0.000897	0.0891	0.00000913	1.14	2.03	0.0169	0.000444	4.65	0.00109	0.00971	0.0000921	0.0000768	0.0000543	0.0738	0.0000019	0.000085	0.000269	0.0012	0.000132
2090 Nov	0.000148	0.0009	0.0883	0.00000902	1.13	2.02	0.0164	0.000452	4.68	0.00108	0.00972	0.0000869	0.0000731	0.0000533	0.0734	0.00000188	0.0000861	0.000264	0.00118	0.000133
2090 Dec	0.000148	0.000901	0.0884	0.00000903	1.14	2.03	0.0164	0.000452	4.69	0.00108	0.00974	0.000087	0.0000732	0.0000534	0.0735	0.00000189	0.0000862	0.000264	0.00118	0.000134
2091 Jan	0.000148	0.000901	0.0884	0.00000903	1.14	2.03	0.0164	0.000452	4.69	0.00108	0.00974	0.0000871	0.0000733	0.0000534	0.0735	0.00000189	0.0000862	0.000264	0.00118	0.000134
2091 Feb	0.000148	0.000901	0.0885	0.00000904	1.14	2.03	0.0164	0.000453	4.69	0.00108	0.00974	0.0000871	0.0000733	0.0000534	0.0735	0.00000189	0.0000862	0.000264	0.00118	0.000134
2091 Mar	0.000149	0.000906	0.0889	0.00000908	1.14	2.04	0.0165	0.000455	4.71	0.00108	0.00979	0.0000875	0.0000737	0.0000537	0.0739	0.0000019	0.0000866	0.000265	0.00118	0.000135
2091 Apr	0.000152	0.000922	0.0905	0.00000925	1.16	2.07	0.0168	0.000463	4.8	0.0011	0.00997	0.0000891	0.000075	0.0000547	0.0752	0.00000193	0.0000882	0.00027	0.00121	0.000137
2091 May	0.000223	0.001	0.112	0.00000967	1.33	2.5	0.0297	0.000446	5.37	0.00124	0.0105	0.000207	0.0000992	0.000067	0.0918	0.00000201	0.0000907	0.000416	0.00133	0.000131
2091 Jun	0.000412	0.00102	0.161	0.0000092	1.62	3.3	0.0677	0.000218	6.24	0.00146	0.0101	0.000571	0.000197	0.0000952	0.125	0.00000194	0.0000775	0.000878	0.00169	0.0000548
2091 Jul	0.000444	0.00113	0.179	0.0000109	1.79	3.59	0.0728	0.000237	6.75	0.00164	0.0116	0.000612	0.000233	0.000105	0.136	0.00000226	0.0000858	0.000976	0.00202	0.00006
2091 Aug	0.000337	0.00101	0.148	0.0000106	1.53	2.99	0.054	0.000261	5.57	0.00146	0.0106	0.000442	0.000192	0.000089	0.113	0.00000214	0.0000771	0.00073	0.0018	0.0000995
2091 Sep	0.000251	0.000933	0.12	0.0000103	1.36	2.58	0.0382	0.000331	4.95	0.00133	0.00984	0.000289	0.000145	0.000078	0.0962	0.00000206	0.000076	0.000508	0.00156	0.000146
2091 Oct	0.000205	0.000907	0.105	0.0000097	1.26	2.4	0.0289	0.000385	4.76	0.00124	0.00956	0.0002	0.000117	0.0000691	0.0862	0.00000194	0.000081	0.000394	0.00137	0.000189
2091 Nov	0.00018	0.000904	0.0967	0.00000932	1.2	2.27	0.0234	0.00042	4.7	0.00117	0.00956	0.000149	0.0000975	0.0000629	0.0807	0.0000019	0.0000837	0.000333	0.00126	0.000193
2091 Dec	0.000179	0.000906	0.0968	0.00000933	1.2	2.27	0.0233	0.000421	4.7	0.00117	0.00958	0.000148	0.0000972	0.0000629	0.0807	0.0000019	0.0000839	0.000332	0.00126	0.000194
2092 Jan	0.00018	0.000906	0.0968	0.00000934	1.2	2.28	0.0233	0.000422	4.7	0.00117	0.00958	0.000148	0.0000973	0.0000629	0.0808	0.0000019	0.0000839	0.000332	0.00126	0.000194
2092 Feb	0.00018	0.000907	0.0968	0.00000934	1.2	2.28	0.0233	0.000422	4.7	0.00117	0.00959	0.000148	0.0000974	0.0000629	0.0808	0.0000019	0.000084	0.000333	0.00126	0.000195
2092 Mar	0.000181	0.000912	0.0974	0.00000939	1.21	2.29	0.0235	0.000424	4.73	0.00118	0.00964	0.000149	0.0000979	0.0000633	0.0813	0.00000191	0.0000844	0.000334	0.00127	0.000196
2092 Apr	0.000183	0.000926	0.0989	0.00000954	1.23	2.32	0.0238	0.000431	4.8	0.0012	0.00979	0.000151	0.0000994	0.0000643	0.0825	0.00000194	0.0000857	0.00034	0.00129	0.000199
2092 May	0.000261	0.00101	0.122	0.00000987	1.4	2.79	0.0379	0.000411	5.42	0.00134	0.0103	0.000279	0.000125	0.0000773	0.1	0.00000201	0.0000884	0.000499	0.00141	0.000197
2092 Jun	0.000334	0.000893	0.137	0.00000869	1.41	2.78	0.0547	0.000183	5.5	0.00131	0.00919	0.000456	0.000195	0.0000825	0.104	0.00000185	0.0000718	0.000758	0.00166	0.0000631
2092 Jul	0.000272	0.000858	0.127	0.00000988	1.32	2.44	0.0441	0.000172	4.83	0.00131	0.00979	0.000359	0.000221	0.000075	0.0919	0.00000203	0.0000708	0.000709	0.00193	0.0000712
2092 Aug	0.000283	0.000942	0.136	0.000011	1.43	2.63	0.0455	0.000207	5.14	0.00143	0.0107	0.000367	0.000234	0.0000813	0.0988	0.00000225	0.000077	0.000732	0.00208	0.0000985
2092 Sep	0.000243	0.000906	0.123	0.0000108	1.33	2.5	0.0379	0.00025	4.67	0.00137	0.0103	0.000292	0.000207	0.0000766	0.0911	0.00000216	0.0000755	0.000612	0.00191	0.000168
2092 Oct	0.000215	0.000894	0.112	0.0000104	1.26	2.46	0.0323	0.000299	4.43	0.00133	0.00996	0.000236	0.000184	0.0000729	0.086	0.00000206	0.0000781	0.000523	0.00173	0.000244
2092 Nov	0.00021	0.000897	0.111	0.0000104	1.25	2.47	0.0313	0.000312	4.41	0.00132	0.00995	0.000225	0.00018	0.0000725	0.0854	0.00000205	0.0000791	0.000507	0.0017	0.000263
2092 Dec	0.00021	0.000898	0.111	0.0000104	1.26	2.47	0.0314	0.000313	4.41	0.00133	0.00997	0.000225	0.00018	0.0000726	0.0855	0.00000205	0.0000793	0.000508	0.0017	0.000264
2093 Jan	0.00021	0.000898	0.111	0.0000104	1.26	2.47	0.0314	0.000313	4.41	0.00133	0.00997	0.000225	0.00018	0.0000726	0.0855	0.00000205	0.0000793	0.000508	0.0017	0.000264
2093 Feb	0.00021	0.000899	0.111	0.0000104	1.26	2.47	0.0314	0.000313	4.42	0.00133	0.00998	0.000225	0.00018	0.0000727	0.0856	0.00000206	0.0000794	0.000508	0.00171	0.000264
2093 Mar	0.000212	0.000906	0.112	0.0000105	1.27	2.49	0.0316	0.000316	4.45	0.00134	0.0101	0.000227	0.000182	0.0000733	0.0863	0.00000207	0.00008	0.000512	0.00172	0.000266
2093 Apr	0.000216	0.000921	0.114	0.0000106	1.29	2.54	0.0322	0.000321	4.53	0.00136	0.0102	0.000231	0.000185	0.0000745	0.0877	0.00000211	0.0000813	0.000521	0.00175	0.000271
2093 May	0.00028	0.000998	0.132	0.0000108	1.44	2.95	0.0436	0.000324	5.09	0.00147	0.0106	0.000333	0.000196	0.0000853	0.103	0.00000213	0.0000849	0.000635	0.00178	0.000281
2093 Jun	0.000394	0.000987	0.156	0.00000922	1.57	3.23	0.0651	0.000207	6.02	0.00145	0.00986	0.000546	0.000205	0.0000939	0.121	0.00000193	0.0000767	0.000858	0.00172	0.0000915
2093 Jul	0.000391	0.00105	0.163	0.0000105	1.64	3.26	0.0641	0.000214	6.09	0.00154	0.0109	0.000537	0.000227	0.0000963	0.123	0.00000217	0.00008	0.000882	0.00195	0.0000889
2093 Aug	0.00039	0.0011	0.168	0.0000114	1.69	3.33	0.0634	0.000235	6.16	0.00161	0.0116	0.000529	0.000232	0.0000988	0.125	0.00000233	0.0000827	0.000876	0.00206	0.000103
2093 Sep	0.00033	0.00105	0.149	0.000011	1.54	3.04	0.0522	0.000279	5.58	0.0015	0.0111	0.000423	0.000201	0.000089	0.113	0.00000222	0.0000816	0.00073	0.00187	0.000149
2093 Oct	0.000217	0.000942	0.112	0.00000978	1.26	2.46	0.0303	0.000385	4.74	0.00124	0.0102	0.000217	0.000126	0.0000665	0.0878	0.00000194	0.000084	0.000447	0.00142	0.000193
2093 Nov	0.000191	0.000944	0.105	0.00000967	1.21	2.35	0.0248	0.000434	4.67	0.00119	0.0103	0.000163	0.000104	0.0000613	0.0834	0.00000192	0.0000875	0.000377	0.00132	0.000198
2093 Dec	0.000192	0.000946	0.105	0.00000969	1.22	2.36	0.0248	0.000435	4.68	0.00119	0.0103	0.000163	0.000105	0.0000614	0.0836	0.00000192	0.0000877	0.000378	0.00132	0.000199
2094 Jan	0.000192	0.000947	0.105	0.00000969	1.22	2.36	0.0248	0.000435	4.68	0.0012	0.0103	0.000163	0.000105	0.0000614	0.0836	0.00000192	0.0000877	0.000378	0.00132	0.000199
2094 Feb	0.000192	0.000947	0.105	0.00000969	1.22	2.36	0.0248	0.000435	4.69	0.0012	0.0103	0.000163	0.000105	0.0000615	0.0837	0.00000192	0.0000877	0.000378	0.00132	0.000199
2094 Mar	0.000192	0.000951	0.106	0.00000973	1.22	2.37	0.0249	0.000437	4.71	0.0012	0.0103	0.000164	0.000105	0.0000617	0.084	0.00000193	0.0000881	0.00038	0.00132	0.0002
2094 Apr	0.000195	0.000961	0.107	0.00000984	1.24	2.39	0.0252	0.000442	4.76	0.00121	0.0104	0.000166	0.000106	0.0000624	0.0849	0.00000195	0.0000891	0.000384	0.00134	0.000202
2094 May	0.00029	0.00103	0.132	0.00000976	1.43	2.9	0.043	0.000389	5.52	0.00135	0.0106	0.000331	0.000136	0.0000781	0.105	0.00000197	0.0000887	0.000576	0.00144	0.000183
2094 Jun	0.000484	0.00114	0.184	0.00000985	1.82	3.85	0.0797	0.000255	6.9	0.00163	0.0109	0.000674	0.000208	0.000109	0.144	0.00000204	0.0000845	0.000993	0.00175	0.000102
2094 Jul	0.000544	0.00131	0.211	0.0000117	2.07	4.35	0.0895	0.000287	7.73	0.00187	0.0128	0.000757	0.000244	0.000124	0.164	0.0000024	0.0000957	0.00113	0.00207	0.000117
2094 Aug	0.000621	0.00152	0.243	0.0000137	2.39	5.01	0.102	0.00034	8.89	0.00217	0.0149	0.000862	0.000281	0.000143	0.188	0.00000281	0.000111	0.00129	0.00241	0.000142
2094 Sep	0.000489	0.00132	0.2	0.0000124	2	4.21	0.0789	0.000353	7.27	0.00187	0.0132	0.000652	0.000232	0.000119	0.155	0.00000249	0.0000991	0.00101	0.00207	0.000205
2094 Oct	0.000341	0.00113	0.151	0.0000108	1.59	3.33	0.0521	0.000397	5.83	0.00153	0.0115	0.000409	0.000168	0.0000905	0.119	0.00000215	0.0000924	0.000692	0.00165	0.000252
2094 Nov	0.000248	0.00102	0.121	0.00000998	1.35	2.8	0.0347	0.000446	5.11	0.00133	0.0107	0.000248	0.000122	0.0000726	0.0977	0.00000196	0.000092	0.000483	0.00138	0.000268
2094 Dec	0.000243	0.00102	0.12	0.00000994	1.34	2.77	0.0338	0.000449	5.08	0.00132	0.0107	0.00024	0.00012	0.0000717	0.0967	0.00000196	0.0000921	0.000473	0.00136	0.000268
2095 Jan	0.000243	0.00102	0.12	0.00000995	1.34	2.77	0.0339	0.00045	5.08	0.00132	0.0107	0.00024	0.00012	0.0000718	0.0967	0.00000196	0.0000921	0.000473	0.00136	0.000269

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Feb	0.000243	0.00102	0.12	0.00000995	1.34	2.77	0.0339	0.00045	5.09	0.00132	0.0107	0.00024	0.00012	0.0000718	0.0968	0.00000196	0.0000922	0.000474	0.00136	0.000269
2095 Mar	0.000244	0.00102	0.12	0.00000998	1.35	2.78	0.034	0.000451	5.1	0.00132	0.0107	0.000241	0.00012	0.000072	0.097	0.00000196	0.0000924	0.000475	0.00137	0.00027
2095 Apr	0.000247	0.00104	0.122	0.0000101	1.37	2.82	0.0344	0.000457	5.17	0.00134	0.0109	0.000244	0.000122	0.000073	0.0984	0.00000199	0.0000937	0.000482	0.00139	0.000274
2095 May	0.000346	0.00109	0.148	0.0000101	1.56	3.29	0.0529	0.000399	5.85	0.00146	0.011	0.000417	0.000149	0.0000875	0.119	0.00000199	0.0000914	0.00068	0.00149	0.000217
2095 Jun	0.000524	0.00122	0.2	0.0000105	1.93	4.17	0.0862	0.000301	7.18	0.00173	0.0118	0.000727	0.000208	0.000115	0.156	0.0000021	0.00009	0.00105	0.00177	0.000118
2095 Jul	0.000577	0.00139	0.224	0.0000122	2.16	4.62	0.0946	0.000335	7.97	0.00195	0.0134	0.000799	0.000235	0.000129	0.174	0.00000243	0.0001	0.00116	0.00204	0.000129
2095 Aug	0.000435	0.00119	0.18	0.0000112	1.78	3.67	0.07	0.000307	6.49	0.00164	0.0117	0.000586	0.000188	0.000105	0.138	0.00000223	0.000085	0.000859	0.00177	0.000125
2095 Sep	0.000349	0.00109	0.153	0.0000109	1.6	3.2	0.0547	0.000341	5.84	0.0015	0.0109	0.000443	0.000155	0.0000928	0.12	0.00000217	0.0000817	0.000665	0.00162	0.00015
2095 Oct	0.000319	0.00107	0.143	0.0000108	1.54	3.06	0.0491	0.000363	5.61	0.00146	0.0107	0.000388	0.000143	0.0000882	0.114	0.00000213	0.0000824	0.0006	0.00155	0.00018
2095 Nov	0.000265	0.00101	0.125	0.0000102	1.41	2.81	0.039	0.000399	5.27	0.00136	0.0103	0.000292	0.000123	0.0000789	0.101	0.00000202	0.0000852	0.000487	0.0014	0.000224
2095 Dec	0.00026	0.00101	0.124	0.0000102	1.4	2.79	0.0381	0.000404	5.26	0.00135	0.0103	0.000284	0.000121	0.0000781	0.1	0.00000201	0.0000859	0.000478	0.00139	0.000229
2096 Jan	0.00026	0.00101	0.124	0.0000102	1.4	2.79	0.0381	0.000404	5.26	0.00135	0.0103	0.000284	0.000121	0.0000781	0.1	0.00000201	0.000086	0.000478	0.00139	0.000229
2096 Feb	0.000261	0.00101	0.124	0.0000102	1.4	2.8	0.0381	0.000405	5.27	0.00135	0.0103	0.000284	0.000121	0.0000782	0.101	0.00000201	0.0000861	0.000479	0.0014	0.00023
2096 Mar	0.000261	0.00101	0.124	0.0000102	1.4	2.8	0.0382	0.000406	5.28	0.00135	0.0103	0.000285	0.000122	0.0000784	0.101	0.00000202	0.0000863	0.00048	0.0014	0.00023
2096 Apr	0.000265	0.00103	0.126	0.0000104	1.42	2.84	0.0387	0.000411	5.35	0.00137	0.0105	0.000289	0.000123	0.0000795	0.102	0.00000205	0.0000875	0.000486	0.00142	0.000233
2096 May	0.00032	0.00108	0.142	0.0000105	1.54	3.2	0.0488	0.000399	5.75	0.00148	0.0108	0.000379	0.000144	0.0000891	0.115	0.00000207	0.0000897	0.000602	0.00149	0.00026
2096 Jun	0.000257	0.000813	0.117	0.00000883	1.25	2.33	0.0414	0.000177	4.81	0.00122	0.00895	0.000335	0.000196	0.0000712	0.0869	0.00000187	0.0000694	0.000645	0.00171	0.0000856
2096 Jul	0.000228	0.000846	0.118	0.0000104	1.27	2.2	0.036	0.000176	4.68	0.00129	0.0101	0.000285	0.000229	0.0000699	0.0831	0.00000217	0.0000729	0.000654	0.00205	0.000075
2096 Aug	0.000249	0.000956	0.131	0.0000118	1.43	2.46	0.0391	0.000212	5.18	0.00146	0.0114	0.000306	0.000252	0.0000783	0.093	0.00000246	0.0000815	0.00071	0.00229	0.0000929
2096 Sep	0.000202	0.000896	0.114	0.000011	1.27	2.22	0.0299	0.000273	4.5	0.00131	0.0106	0.000219	0.000198	0.000068	0.0826	0.00000223	0.0000772	0.000551	0.00194	0.000137
2096 Oct	0.000157	0.00088	0.0965	0.00000991	1.14	2.06	0.0196	0.000393	4.23	0.00115	0.0101	0.000118	0.000122	0.0000561	0.0744	0.00000196	0.0000822	0.000363	0.00146	0.000186
2096 Nov	0.000154	0.000896	0.0957	0.00000988	1.14	2.08	0.0184	0.000422	4.29	0.00114	0.0102	0.000105	0.00011	0.0000551	0.0746	0.00000196	0.0000848	0.000339	0.0014	0.000193
2096 Dec	0.000154	0.000897	0.0957	0.00000989	1.14	2.08	0.0184	0.000423	4.3	0.00114	0.0102	0.000105	0.000111	0.0000552	0.0747	0.00000196	0.0000848	0.00034	0.0014	0.000194
2097 Jan	0.000154	0.000897	0.0958	0.00000989	1.14	2.08	0.0184	0.000423	4.3	0.00114	0.0102	0.000105	0.000111	0.0000552	0.0747	0.00000196	0.0000848	0.00034	0.0014	0.000194
2097 Feb	0.000154	0.000897	0.0958	0.00000989	1.14	2.08	0.0184	0.000423	4.3	0.00114	0.0102	0.000105	0.000111	0.0000552	0.0747	0.00000196	0.0000849	0.00034	0.0014	0.000194
2097 Mar	0.000154	0.0009	0.096	0.00000992	1.14	2.09	0.0185	0.000424	4.31	0.00115	0.0103	0.000105	0.000111	0.0000553	0.0749	0.00000196	0.0000851	0.000341	0.00141	0.000194
2097 Apr	0.000157	0.000915	0.0976	0.0000101	1.16	2.12	0.0188	0.000431	4.38	0.00117	0.0104	0.000107	0.000113	0.0000563	0.0762	0.000002	0.0000865	0.000346	0.00143	0.000198
2097 May	0.000225	0.000995	0.118	0.0000104	1.32	2.53	0.0309	0.000424	4.94	0.00129	0.011	0.000217	0.000129	0.0000676	0.0923	0.00000206	0.0000885	0.000475	0.00151	0.000186
2097 Jun	0.000421	0.00107	0.167	0.00000982	1.67	3.43	0.0685	0.000261	6.33	0.00151	0.0107	0.000573	0.000195	0.0000972	0.13	0.00000201	0.000082	0.000886	0.00172	0.0000797
2097 Jul	0.000458	0.0012	0.187	0.0000114	1.86	3.76	0.0744	0.000283	6.9	0.0017	0.0122	0.000623	0.000225	0.000107	0.143	0.00000233	0.0000901	0.000982	0.00201	0.0000857
2097 Aug	0.000451	0.00124	0.189	0.0000122	1.89	3.77	0.0729	0.0003	6.9	0.00175	0.0128	0.000607	0.000228	0.000109	0.144	0.00000246	0.0000914	0.000964	0.00209	0.0000977
2097 Sep	0.000428	0.00123	0.183	0.0000123	1.85	3.67	0.0684	0.000319	6.7	0.00173	0.0127	0.000565	0.000219	0.000106	0.139	0.00000248	0.0000911	0.000909	0.00207	0.000115
2097 Oct	0.000363	0.00114	0.162	0.0000115	1.66	3.29	0.0568	0.000338	6.03	0.00157	0.0119	0.000459	0.00019	0.0000939	0.124	0.00000231	0.0000877	0.000765	0.00186	0.000148
2097 Nov	0.000332	0.0011	0.151	0.0000112	1.57	3.11	0.0511	0.00035	5.72	0.0015	0.0115	0.000407	0.000174	0.0000878	0.116	0.00000223	0.0000863	0.000693	0.00176	0.000163
2097 Dec	0.00033	0.00109	0.15	0.0000112	1.57	3.1	0.0507	0.000351	5.7	0.0015	0.0115	0.000404	0.000173	0.0000875	0.116	0.00000222	0.0000863	0.000689	0.00175	0.000164
2098 Jan	0.00033	0.0011	0.15	0.0000112	1.57	3.1	0.0508	0.000351	5.7	0.0015	0.0115	0.000404	0.000173	0.0000876	0.116	0.00000222	0.0000863	0.00069	0.00175	0.000164
2098 Feb	0.00033	0.0011	0.151	0.0000112	1.57	3.1	0.0508	0.000351	5.71	0.0015	0.0115	0.000404	0.000173	0.0000876	0.116	0.00000223	0.0000863	0.00069	0.00175	0.000164
2098 Mar	0.000331	0.0011	0.151	0.0000112	1.57	3.11	0.0509	0.000352	5.72	0.0015	0.0116	0.000405	0.000174	0.0000877	0.116	0.00000223	0.0000865	0.000691	0.00176	0.000164
2098 Apr	0.000337	0.00111	0.153	0.0000113	1.59	3.15	0.0518	0.000356	5.78	0.00152	0.0117	0.000408	0.000175	0.0000885	0.118	0.00000224	0.0000872	0.000701	0.00177	0.000167
2098 May	0.000436	0.00116	0.177	0.0000108	1.77	3.67	0.0702	0.000318	6.49	0.00162	0.0116	0.000562	0.00019	0.000101	0.138	0.00000216	0.0000867	0.000883	0.00176	0.000134
2098 Jun	0.000409	0.000989	0.158	0.00000891	1.6	3.23	0.0676	0.000192	6.22	0.00143	0.00973	0.000571	0.000199	0.000094	0.123	0.0000019	0.0000755	0.000878	0.00168	0.000046
2098 Jul	0.000446	0.00113	0.179	0.0000107	1.8	3.57	0.0735	0.000216	6.86	0.00164	0.0114	0.000619	0.000236	0.000105	0.136	0.00000226	0.0000852	0.000983	0.00202	0.0000504
2098 Aug	0.000382	0.00106	0.162	0.0000109	1.65	3.21	0.062	0.000242	6.07	0.00154	0.011	0.000513	0.00021	0.0000956	0.123	0.00000223	0.0000794	0.000834	0.00192	0.0000768
2098 Sep	0.000249	0.000927	0.119	0.0000099	1.33	2.51	0.0372	0.00034	4.91	0.00127	0.0099	0.00028	0.000135	0.0000725	0.0942	0.00000198	0.0000771	0.000509	0.00149	0.000141
2098 Oct	0.000186	0.000914	0.1	0.00000933	1.2	2.24	0.024	0.000426	4.71	0.00115	0.00984	0.000156	0.0000923	0.0000599	0.0816	0.00000188	0.0000842	0.000352	0.00126	0.000178
2098 Nov	0.000178	0.000921	0.0974	0.00000921	1.19	2.21	0.0221	0.00044	4.78	0.00113	0.00988	0.000138	0.0000864	0.0000583	0.08	0.00000188	0.0000863	0.000331	0.00123	0.000186
2098 Dec	0.000178	0.000922	0.0975	0.00000922	1.19	2.22	0.0221	0.000441	4.78	0.00113	0.00989	0.000138	0.0000865	0.0000584	0.0801	0.00000189	0.0000865	0.000332	0.00123	0.000186
2099 Jan	0.000178	0.000923	0.0976	0.00000923	1.19	2.22	0.0221	0.000441	4.79	0.00114	0.0099	0.000138	0.0000866	0.0000585	0.0802	0.00000189	0.0000865	0.000332	0.00123	0.000187
2099 Feb	0.000178	0.000923	0.0977	0.00000923	1.19	2.22	0.0222	0.000441	4.79	0.00114	0.0099	0.000138	0.0000867	0.0000585	0.0802	0.00000189	0.0000866	0.000332	0.00123	0.000187
2099 Mar	0.000179	0.000929	0.0982	0.00000928	1.2	2.23	0.0223	0.000444	4.82	0.00114	0.00996	0.000139	0.0000872	0.0000588	0.0807	0.0000019	0.0000871	0.000334	0.00124	0.000188
2099 Apr	0.000196	0.000963	0.104	0.00000952	1.25	2.36	0.025	0.000454	5	0.00119	0.0103	0.000151	0.0000904	0.0000609	0.0854	0.00000194	0.0000891	0.000363	0.00127	0.000192
2099 May	0.000515	0.00118	0.19	0.00000929	1.87	4.03	0.0842	0.000303	7.23	0.00161	0.0108	0.000593	0.00017	0.0000988	0.152	0.00000192	0.0000861	0.00098	0.0015	0.0000949
2099 Jun	0.000508	0.00113	0.188	0.00000936	1.83	3.89	0.0845	0.000227	7.05	0.00161	0.0106	0.000681	0.000204	0.000106	0.148	0.00000195	0.0000814	0.00103	0.00169	0.0000644
2099 Jul	0.00055	0.00126	0.209	0.000011	2.03	4.26	0.0913	0.00025	7.61	0.00181	0.0121	0.000737	0.000237	0.000117	0.162	0.00000227	0.0000899	0.00114	0.00198	0.0000825
2099 Aug	0.000547	0.00133	0.214	0.0000121	2.1	4.36	0.0902	0.000292	7.78	0.0019	0.0129	0.000723	0.00024	0.000122	0.166	0.00000247	0.0000945	0.00112	0.0021	0.000111
2099 Sep	0.000383	0.0011	0.161	0.0000108	1.67	3.37	0.0611	0.000327	6.09	0.00155	0.0111	0.000473	0.000175	0.0000947	0.127	0.00000216	0.0000831	0.000765	0.00171	0.000156
2099 Oct	0.000282	0.001	0.13	0.0000101	1.42	2.8	0.042	0.000386	5.29	0.00134	0.0104	0.000306	0.000128	0.0000764	0.104	0.00000199	0.0000833	0.000545	0.00144	0.000185
2099 Nov	0.000241	0.00097	0.117	0.00000973	1.32	2.59	0.0342	0.000416	5.05	0.00126	0.0102	0.000237	0.000108	0.0000688	0.0947	0.00000192	0.0000853	0.000456	0.00133	0.000198
2099 Dec	0.000242	0.000972	0.117	0.00000975	1.33	2.59	0.0342	0.000417	5.05	0.00126	0.0102	0.000237	0.000109	0.0000069	0.0948	0.00000193	0.0000854	0.000457	0.00133	0.000198
2100 Jan	0.000242	0.000972	0.117	0.00000975	1.33	2.59	0.0342	0.000417	5.05	0.00126	0.0102	0.000238	0.000109	0.0000069	0.0949	0.00000193	0.0000854	0.000457	0.00133	0.000199
2100 Feb	0.000242	0.000973	0.118	0.00000975	1.33	2.6	0.0342	0.000417	5.06	0.00126	0.0102	0.000238	0.000109	0.0000069	0.0949	0.00000193	0.0000855	0.000457	0.00133	0.000199
2100 Mar	0.000242	0.000974	0.118	0.00000976	1.33	2.6	0.0343	0.000418	5.06	0.00126	0.0102	0.000238	0.000109	0.0000691	0.095	0.00000193	0.0000856	0.000458	0.00133	0.000199
2100 Apr	0.000247	0.000992	0.12	0.00000995	1.35	2.65	0.0349	0.000426	5.16	0.00128	0.0104	0.000242	0.000111	0.0000704	0.0968	0.00000197	0.0000872	0.000466	0.00136	0.000203
2100 May	0.000372	0.00109	0.154	0.00001	1.6	3.32	0.0581	0.000366	5.97	0.00147	0.0108	0.000462	0.00015	0.0000903	0.123	0.00000199	0.0000859	0.000724	0.00151	0.000182
2100 Jun	0.00038	0.000951	0.15	0.00000879	1.52	3.05	0.0625	0.000194	5.9	0.00138	0.0095	0.000525	0.000194	0.0000892	0.116	0.00000187	0.0000739	0.000826	0.00165	0.0000601
2100 Jul	0.000349	0.000951	0.147	0.00000975	1.49	2.91	0.0572	0.00019	5.58	0.00141	0.0101	0.000476	0.000215	0.0000865	0.11	0.00000202	0.0000742	0.000812	0.00185	0.000072
2100 Aug	0.000275	0.000888	0.127	0.0000098	1.34	2.52	0.0437	0.000229	4.86	0.00129	0.00957	0.000353	0.000177	0.0000764	0.0954	0.00000198	0.0000701	0.00062	0.00168	0.000112

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2100 Sep	0.000231	0.000869	0.114	0.00000993	1.28	2.34	0.0352	0.000289	4.65	0.00125	0.00939	0.000268	0.000146	0.0000718	0.0885	0.00000198	0.0000714	0.00049	0.00155	0.000141
2100 Oct	0.000219	0.000877	0.111	0.00000997	1.27	2.32	0.0327	0.000318	4.62	0.00124	0.00948	0.000241	0.000137	0.0000702	0.0871	0.00000198	0.0000736	0.000456	0.00151	0.000164
2100 Nov	0.000218	0.000882	0.11	0.00001	1.27	2.33	0.0323	0.000325	4.64	0.00124	0.00954	0.000237	0.000135	0.0000701	0.0871	0.00000199	0.0000744	0.000451	0.00151	0.000169
2100 Dec	0.000218	0.000885	0.111	0.00001	1.27	2.34	0.0323	0.000326	4.65	0.00124	0.00956	0.000238	0.000136	0.0000703	0.0874	0.00000199	0.0000746	0.000452	0.00151	0.00017
2101 Jan	0.000219	0.000885	0.111	0.00001	1.27	2.34	0.0324	0.000326	4.65	0.00124	0.00957	0.000238	0.000136	0.0000704	0.0874	0.00000199	0.0000747	0.000452	0.00151	0.000171
2101 Feb	0.000219	0.000885	0.111	0.00001	1.27	2.34	0.0324	0.000327	4.65	0.00125	0.00957	0.000238	0.000136	0.0000704	0.0874	0.00000199	0.0000747	0.000452	0.00151	0.000171
2101 Mar	0.000219	0.000886	0.111	0.0000101	1.27	2.34	0.0324	0.000327	4.66	0.00125	0.00958	0.000238	0.000136	0.0000705	0.0875	0.000002	0.0000748	0.000453	0.00151	0.000172
2101 Apr	0.000222	0.000896	0.112	0.0000102	1.29	2.37	0.0328	0.000331	4.71	0.00126	0.00969	0.000241	0.000137	0.0000713	0.0885	0.00000202	0.0000756	0.000458	0.00153	0.000173
2101 May	0.00036	0.00103	0.15	0.0000101	1.57	3.16	0.0575	0.0003	5.88	0.00146	0.0103	0.000467	0.000168	0.0000916	0.119	0.00000203	0.0000805	0.000726	0.00162	0.000144
2101 Jun	0.000427	0.00103	0.165	0.00000925	1.66	3.39	0.0705	0.000213	6.39	0.00149	0.01	0.000595	0.000199	0.0000983	0.128	0.00000195	0.0000778	0.000899	0.0017	0.0000685
2101 Jul	0.000478	0.00118	0.188	0.000011	1.89	3.82	0.0788	0.000242	7.22	0.00171	0.0118	0.000664	0.000236	0.000112	0.145	0.0000023	0.0000893	0.00103	0.00202	0.0000793
2101 Aug	0.000518	0.00132	0.207	0.0000124	2.09	4.19	0.0851	0.00028	7.9	0.0019	0.0132	0.000715	0.000258	0.000123	0.159	0.00000259	0.0000987	0.00111	0.00225	0.000096
2101 Sep	0.000375	0.0011	0.16	0.0000112	1.67	3.29	0.0598	0.000308	6.06	0.00156	0.0114	0.000485	0.000194	0.0000962	0.125	0.00000225	0.0000835	0.000791	0.00185	0.000141
2101 Oct	0.000325	0.00105	0.145	0.0000108	1.54	3.03	0.0503	0.000346	5.64	0.00146	0.011	0.000396	0.000168	0.0000868	0.114	0.00000215	0.0000839	0.000675	0.0017	0.000174
2101 Nov	0.000267	0.000989	0.126	0.0000101	1.39	2.73	0.0394	0.000384	5.19	0.00133	0.0105	0.000295	0.000137	0.0000755	0.1	0.00000201	0.0000849	0.000541	0.0015	0.000209
2101 Dec	0.000263	0.000988	0.125	0.0000101	1.38	2.71	0.0386	0.000388	5.17	0.00132	0.0105	0.000288	0.000134	0.0000748	0.0994	0.000002	0.000085	0.000532	0.00149	0.000211
2102 Jan	0.000263	0.000988	0.125	0.0000101	1.38	2.71	0.0386	0.000388	5.17	0.00132	0.0105	0.000288	0.000134	0.0000748	0.0994	0.00000201	0.0000851	0.000532	0.00149	0.000212
2102 Feb	0.000263	0.000989	0.125	0.0000101	1.38	2.71	0.0386	0.000388	5.17	0.00132	0.0105	0.000288	0.000134	0.0000748	0.0995	0.00000201	0.0000851	0.000532	0.00149	0.000212
2102 Mar	0.000264	0.00099	0.125	0.0000102	1.39	2.72	0.0387	0.000389	5.18	0.00133	0.0105	0.000289	0.000135	0.000075	0.0996	0.00000201	0.0000852	0.000533	0.00149	0.000212
2102 Apr	0.000266	0.000999	0.126	0.0000102	1.4	2.74	0.039	0.000392	5.22	0.00134	0.0106	0.000291	0.000136	0.0000756	0.1	0.00000203	0.000086	0.000538	0.0015	0.000214
2102 May	0.000277	0.00104	0.132	0.0000107	1.46	2.85	0.0407	0.000409	5.44	0.00139	0.011	0.000304	0.000142	0.0000788	0.105	0.00000211	0.0000896	0.000561	0.00157	0.000223
2102 Jun	0.000165	0.000748	0.0953	0.0000094	1.08	1.82	0.0246	0.000214	3.96	0.00111	0.00911	0.000178	0.000184	0.0000567	0.0679	0.00000193	0.0000686	0.000492	0.00175	0.000108
2102 Jul	0.000137	0.000716	0.0928	0.0000102	1.04	1.57	0.0205	0.000153	3.63	0.00112	0.00948	0.000147	0.000222	0.0000532	0.0604	0.0000021	0.0000648	0.000517	0.00204	0.0000539
2102 Aug	0.000135	0.000761	0.096	0.0000109	1.08	1.62	0.0196	0.000185	3.69	0.00117	0.00996	0.000136	0.000214	0.0000552	0.0631	0.00000221	0.0000664	0.000489	0.00207	0.0000629
2102 Sep	0.000128	0.000774	0.0932	0.0000108	1.08	1.62	0.0176	0.000234	3.67	0.00114	0.0099	0.000114	0.000185	0.0000542	0.0636	0.00000218	0.0000671	0.000425	0.00192	0.000076
2102 Oct	0.000121	0.000784	0.0864	0.00000986	1.03	1.64	0.0145	0.000323	3.72	0.00105	0.00953	0.0000805	0.000127	0.000049	0.0632	0.00000197	0.0000709	0.000322	0.00154	0.0000962
2102 Nov	0.000122	0.000792	0.087	0.00000993	1.04	1.66	0.0145	0.00033	3.75	0.00106	0.00962	0.0000796	0.000125	0.0000492	0.0638	0.00000198	0.0000716	0.000321	0.00154	0.000099
2102 Dec	0.000122	0.000794	0.0872	0.00000995	1.04	1.66	0.0145	0.000331	3.75	0.00106	0.00964	0.0000797	0.000126	0.0000493	0.0639	0.00000198	0.0000718	0.000322	0.00154	0.0000998
2103 Jan	0.000122	0.000794	0.0872	0.00000995	1.04	1.66	0.0145	0.000331	3.75	0.00106	0.00964	0.0000797	0.000126	0.0000493	0.0639	0.00000199	0.0000718	0.000322	0.00154	0.0000998
2103 Feb	0.000122	0.000795	0.0873	0.00000996	1.04	1.66	0.0145	0.000331	3.76	0.00106	0.00965	0.0000798	0.000126	0.0000494	0.064	0.00000199	0.0000719	0.000322	0.00154	0.0000999
2103 Mar	0.000122	0.000797	0.0875	0.00000998	1.05	1.67	0.0146	0.000332	3.77	0.00106	0.00967	0.00008	0.000126	0.0000495	0.0641	0.00000199	0.000072	0.000323	0.00155	0.0001
2103 Apr	0.000124	0.000806	0.0885	0.0000101	1.06	1.69	0.0147	0.000336	3.81	0.00108	0.00979	0.0000809	0.000128	0.0000501	0.0649	0.00000202	0.0000729	0.000327	0.00156	0.000101
2103 May	0.000264	0.000946	0.127	0.0000102	1.36	2.55	0.0399	0.000315	5	0.0013	0.0104	0.000309	0.000158	0.0000734	0.0966	0.00000204	0.0000783	0.000583	0.00164	0.000123
2103 Jun	0.000387	0.000962	0.153	0.00000903	1.54	3.1	0.0639	0.000194	5.88	0.0014	0.00969	0.000538	0.000199	0.0000906	0.118	0.00000189	0.0000736	0.000847	0.00169	0.0000643
2103 Jul	0.000339	0.000962	0.148	0.0000101	1.48	2.85	0.0552	0.000192	5.46	0.00141	0.0103	0.000461	0.000212	0.0000852	0.109	0.00000207	0.0000736	0.000785	0.00187	0.0000736
2103 Aug	0.000234	0.000914	0.124	0.0000104	1.26	2.26	0.0358	0.00021	4.52	0.00125	0.0099	0.000299	0.000162	0.0000693	0.0864	0.00000208	0.0000668	0.000509	0.00166	0.0000964
2103 Sep	0.000189	0.000893	0.107	0.00000982	1.18	2.08	0.0262	0.000303	4.45	0.00115	0.00965	0.0002	0.000117	0.0000609	0.0786	0.00000198	0.0000722	0.000376	0.00142	0.000121
2103 Oct	0.000161	0.000901	0.095	0.0000092	1.14	1.99	0.0191	0.000407	4.58	0.00107	0.00978	0.000122	0.0000783	0.0000531	0.0745	0.0000019	0.000081	0.000293	0.00122	0.000126
2103 Nov	0.000158	0.000908	0.094	0.00000917	1.14	1.99	0.0182	0.000426	4.63	0.00106	0.00988	0.000111	0.0000728	0.0000521	0.0744	0.00000189	0.0000829	0.000284	0.00119	0.000124
2103 Dec	0.000158	0.000909	0.0941	0.00000918	1.14	1.99	0.0182	0.000427	4.63	0.00106	0.00989	0.000111	0.0000729	0.0000522	0.0745	0.0000019	0.000083	0.000284	0.0012	0.000125
2104 Jan	0.000158	0.00091	0.0941	0.00000918	1.14	1.99	0.0182	0.000427	4.63	0.00106	0.0099	0.000111	0.0000729	0.0000522	0.0745	0.0000019	0.000083	0.000284	0.0012	0.000125
2104 Feb	0.000158	0.00091	0.0941	0.00000918	1.14	1.99	0.0182	0.000427	4.63	0.00106	0.0099	0.000111	0.0000729	0.0000522	0.0746	0.0000019	0.0000831	0.000284	0.0012	0.000125
2104 Mar	0.000159	0.000912	0.0944	0.00000921	1.14	2	0.0183	0.000428	4.64	0.00107	0.00992	0.000112	0.0000731	0.0000523	0.0747	0.0000019	0.0000833	0.000285	0.0012	0.000125
2104 Apr	0.000162	0.000929	0.0962	0.00000938	1.16	2.03	0.0186	0.000436	4.73	0.00109	0.0101	0.000114	0.0000745	0.0000533	0.0762	0.00000194	0.0000849	0.00029	0.00122	0.000128
2104 May	0.000335	0.00105	0.144	0.00000967	1.51	3	0.0509	0.00036	5.85	0.00136	0.0107	0.000409	0.000132	0.0000816	0.113	0.00000198	0.0000844	0.000649	0.00145	0.000108
2104 Jun	0.000408	0.00099	0.159	0.00000897	1.59	3.22	0.0672	0.000204	6.1	0.00142	0.0098	0.000568	0.000193	0.0000931	0.123	0.00000188	0.0000747	0.000869	0.00165	0.0000509
2104 Jul	0.000402	0.00104	0.165	0.0000103	1.64	3.24	0.066	0.000209	6.06	0.00151	0.0108	0.000556	0.000216	0.000095	0.124	0.00000211	0.0000773	0.000891	0.00189	0.0000579
2104 Aug	0.000361	0.00103	0.157	0.0000107	1.58	3.05	0.0584	0.000234	5.73	0.00148	0.0109	0.000487	0.000201	0.0000904	0.117	0.00000217	0.000076	0.00079	0.00186	0.0000767
2104 Sep	0.000266	0.00093	0.126	0.0000101	1.36	2.52	0.0409	0.000295	4.95	0.00129	0.00994	0.000322	0.000147	0.0000752	0.0969	0.00000203	0.0000728	0.000553	0.00158	0.000108
2104 Oct	0.000208	0.000907	0.108	0.00000965	1.24	2.25	0.0288	0.000376	4.74	0.00117	0.00981	0.000206	0.000106	0.0000635	0.0852	0.00000193	0.0000789	0.000406	0.00136	0.000136
2104 Nov	0.000197	0.000911	0.105	0.00000954	1.23	2.21	0.0264	0.000396	4.78	0.00115	0.00987	0.000183	0.0000979	0.0000613	0.0833	0.00000193	0.0000812	0.000379	0.00132	0.000138
2104 Dec	0.000198	0.000913	0.105	0.00000955	1.23	2.22	0.0265	0.000396	4.78	0.00116	0.00988	0.000183	0.000098	0.0000613	0.0834	0.00000193	0.0000813	0.000379	0.00132	0.000138
2105 Jan	0.000198	0.000913	0.105	0.00000955	1.23	2.22	0.0265	0.000396	4.78	0.00116	0.00988	0.000183	0.000098	0.0000614	0.0834	0.00000193	0.0000813	0.000379	0.00132	0.000139
2105 Feb	0.000198	0.000913	0.105	0.00000956	1.23	2.22	0.0265	0.000396	4.79	0.00116	0.00988	0.000183	0.0000981	0.0000614	0.0835	0.00000193	0.0000813	0.000379	0.00132	0.000139
2105 Mar	0.000198	0.000914	0.105	0.00000957	1.23	2.22	0.0265	0.000397	4.79	0.00116	0.00989	0.000184	0.0000982	0.0000614	0.0836	0.00000193	0.0000814	0.00038	0.00132	0.000139
2105 Apr	0.0002	0.000923	0.106	0.00000967	1.24	2.24	0.0268	0.000401	4.84	0.00117	0.00999	0.000185	0.0000992	0.0000621	0.0844	0.00000195	0.0000823	0.000384	0.00134	0.00014
2105 May	0.000341	0.00104	0.145	0.00000973	1.53	3.03	0.0527	0.000344	5.85	0.00138	0.0105	0.000424	0.000142	0.0000843	0.115	0.00000197	0.0000835	0.00067	0.00149	0.000125
2105 Jun	0.000482	0.00113	0.183	0.00000976	1.81	3.78	0.0794	0.000254	6.91	0.0016	0.0108	0.000672	0.000198	0.000107	0.144	0.00000202	0.0000835	0.000979	0.00171	0.0000762
2105 Jul	0.000489	0.0012	0.192	0.0000108	1.88	3.88	0.0803	0.000264	7.03	0.00168	0.0117	0.000681	0.000211	0.000111	0.148	0.0000022	0.0000861	0.001	0.00186	0.0000852
2105 Aug	0.000326	0.000997	0.143	0.0000101	1.48	2.88	0.0514	0.00028	5.47	0.00137	0.01	0.000423	0.000149	0.0000848	0.11	0.00000201	0.000074	0.000632	0.00154	0.000116
2105 Sep	0.000204	0.000889	0.103	0.00000944	1.24	2.23	0.0285	0.000373	4.81	0.00116	0.00923	0.000202	0.0000912	0.0000661	0.0849	0.00000192	0.0000755	0.000354	0.00127	0.000151
2105 Oct	0.000176	0.000895	0.0953	0.00000914	1.18	2.12	0.0222	0.000421	4.73	0.00111	0.00947	0.000142	0.0000761	0.0000586	0.0791	0.00000188	0.0000811	0.000303	0.00118	0.000176
2105 Nov	0.000168	0.0009	0.0935	0.00000909	1.16	2.08	0.0203	0.000437	4.67	0.00109	0.0096	0.000124	0.0000705	0.0000561	0.0775	0.00000187	0.0000821	0.000288	0.00116	0.000175
2105 Dec	0.000168	0.0009	0.0936	0.0000091	1.17	2.08	0.0203	0.000437	4.68	0.00109	0.00961	0.000124	0.0000706	0.0000561	0.0776	0.00000187	0.0000822	0.000289	0.00116	0.000175
2106 Jan	0.000168	0.000901	0.0936	0.0000091	1.17	2.08	0.0203	0.000437	4.68	0.00109	0.00961	0.000124	0.0000706	0.0000561	0.0776	0.00000187	0.0000822	0.000289	0.00116	0.000175
2106 Feb	0.000168	0.000901	0.0936	0.0000091	1.17	2.08	0.0203	0.000437	4.68	0.00109	0.00961	0.000124	0.0000706	0.0000561	0.0776	0.00000187	0.0000822	0.000289	0.00116	0.000175
2106 Mar	0.000168	0.000902	0.0937	0.00000911	1.17	2.09	0.0204	0.000438	4.68	0.00109	0.00962	0.000125	0.0000707	0.0000562	0.0777	0.00000187	0.0000823	0.000289	0.00116	0.000176

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Apr	0.000171	0.000914	0.095	0.00000924	1.18	2.12	0.0206	0.000444	4.75	0.0011	0.00975	0.000126	0.0000717	0.000057	0.0788	0.0000019	0.0000834	0.000293	0.00118	0.000178
2106 May	0.000233	0.000988	0.115	0.00000967	1.33	2.5	0.0318	0.000435	5.21	0.00123	0.0103	0.000227	0.0000928	0.0000676	0.0936	0.00000197	0.0000857	0.000421	0.00129	0.000181
2106 Jun	0.00032	0.0009	0.136	0.00000923	1.4	2.7	0.0518	0.000203	5.26	0.00131	0.00961	0.000428	0.000194	0.0000798	0.103	0.00000191	0.0000718	0.00074	0.00172	0.0000714
2106 Jul	0.000274	0.000906	0.133	0.0000106	1.36	2.46	0.0438	0.000191	4.85	0.00135	0.0105	0.000356	0.000222	0.0000756	0.0946	0.00000217	0.0000718	0.000712	0.00201	0.0000745
2106 Aug	0.000202	0.000855	0.113	0.0000104	1.2	2.07	0.0305	0.000221	4.22	0.00121	0.00977	0.000241	0.000171	0.000065	0.0795	0.00000208	0.0000666	0.000492	0.00174	0.000114
2106 Sep	0.000155	0.000824	0.0936	0.00000986	1.12	1.9	0.0208	0.000328	4.12	0.00111	0.00916	0.000139	0.000109	0.0000586	0.0724	0.00000196	0.0000702	0.00031	0.0014	0.000159
2106 Oct	0.000151	0.000851	0.0915	0.00000967	1.13	1.94	0.0189	0.000378	4.29	0.0011	0.00936	0.000117	0.0000933	0.0000568	0.0729	0.00000193	0.0000757	0.000284	0.00131	0.000184
2106 Nov	0.000152	0.000858	0.0922	0.00000974	1.14	1.96	0.019	0.000382	4.33	0.00111	0.00944	0.000117	0.0000938	0.0000572	0.0734	0.00000195	0.0000764	0.000286	0.00132	0.000186
2106 Dec	0.000152	0.000859	0.0923	0.00000975	1.14	1.96	0.019	0.000382	4.33	0.00111	0.00945	0.000117	0.0000939	0.0000573	0.0735	0.00000195	0.0000765	0.000287	0.00132	0.000187
2107 Jan	0.000152	0.00086	0.0923	0.00000975	1.14	1.96	0.0191	0.000382	4.33	0.00111	0.00945	0.000117	0.0000939	0.0000573	0.0735	0.00000195	0.0000765	0.000287	0.00132	0.000187
2107 Feb	0.000152	0.00086	0.0924	0.00000976	1.14	1.96	0.0191	0.000383	4.33	0.00111	0.00946	0.000117	0.000094	0.0000574	0.0736	0.00000195	0.0000766	0.000287	0.00132	0.000187
2107 Mar	0.000153	0.000863	0.0927	0.00000979	1.14	1.97	0.0191	0.000384	4.35	0.00112	0.00949	0.000118	0.0000943	0.0000575	0.0738	0.00000196	0.0000768	0.000288	0.00133	0.000188
2107 Apr	0.000154	0.000869	0.0933	0.00000985	1.15	1.98	0.0193	0.000386	4.38	0.00112	0.00955	0.000119	0.0000949	0.0000579	0.0743	0.00000197	0.0000773	0.00029	0.00134	0.000189
2107 May	0.000241	0.000945	0.117	0.00000987	1.33	2.47	0.035	0.000359	5.06	0.00125	0.00994	0.000263	0.000119	0.0000711	0.0931	0.00000199	0.0000794	0.000466	0.00142	0.000167
2107 Jun	0.000454	0.00109	0.176	0.00000978	1.73	3.58	0.0748	0.000242	6.49	0.00155	0.0106	0.000632	0.000197	0.000102	0.137	0.000002	0.0000791	0.000937	0.00172	0.0000734
2107 Jul	0.000407	0.00107	0.168	0.0000104	1.65	3.3	0.0664	0.000232	6.01	0.00151	0.0109	0.000561	0.000198	0.0000958	0.127	0.0000021	0.0000764	0.000859	0.0018	0.0000782
2107 Aug	0.000405	0.00114	0.174	0.0000114	1.71	3.38	0.0654	0.000256	6.2	0.00159	0.0117	0.000552	0.000203	0.0000987	0.13	0.00000229	0.0000808	0.000848	0.00191	0.0000956
2107 Sep	0.000338	0.00108	0.154	0.0000111	1.56	3.02	0.0527	0.000298	5.64	0.00147	0.0113	0.000434	0.000171	0.000087	0.115	0.00000221	0.0000796	0.000691	0.00174	0.000134
2107 Oct	0.000273	0.00102	0.133	0.0000105	1.4	2.68	0.0404	0.000347	5.16	0.00133	0.0107	0.000318	0.000137	0.0000748	0.101	0.00000207	0.0000807	0.000544	0.00153	0.000175
2107 Nov	0.000256	0.001	0.127	0.0000103	1.36	2.59	0.0371	0.000364	5.06	0.00129	0.0106	0.000286	0.000127	0.0000716	0.0969	0.00000204	0.0000819	0.000504	0.00148	0.000188
2107 Dec	0.000256	0.001	0.127	0.0000103	1.36	2.6	0.0371	0.000365	5.07	0.00129	0.0107	0.000286	0.000127	0.0000717	0.097	0.00000204	0.000082	0.000505	0.00148	0.000189
2108 Jan	0.000256	0.001	0.127	0.0000103	1.36	2.6	0.0371	0.000365	5.07	0.0013	0.0107	0.000286	0.000127	0.0000718	0.097	0.00000204	0.000082	0.000505	0.00148	0.00019
2108 Feb	0.000256	0.001	0.127	0.0000103	1.36	2.6	0.0371	0.000365	5.07	0.0013	0.0107	0.000286	0.000128	0.0000718	0.0971	0.00000204	0.0000821	0.000505	0.00148	0.00019
2108 Mar	0.000257	0.00101	0.128	0.0000104	1.37	2.61	0.0372	0.000366	5.09	0.0013	0.0107	0.000287	0.000128	0.000072	0.0974	0.00000205	0.0000823	0.000507	0.00149	0.00019
2108 Apr	0.000264	0.00103	0.131	0.0000107	1.4	2.68	0.0383	0.000376	5.23	0.00133	0.011	0.000295	0.000131	0.0000739	0.1	0.00000211	0.0000845	0.000521	0.00153	0.000195
2108 May	0.000287	0.0011	0.141	0.0000112	1.5	2.87	0.0419	0.000396	5.56	0.00142	0.0116	0.00032	0.000139	0.0000787	0.107	0.00000222	0.000089	0.000564	0.00161	0.000205
2108 Jun	0.00024	0.00084	0.119	0.00000984	1.24	2.25	0.0375	0.000218	4.44	0.00123	0.00977	0.000294	0.00019	0.000067	0.0858	0.00000197	0.0000699	0.000617	0.00178	0.0000902
2108 Jul	0.000239	0.00091	0.128	0.0000115	1.34	2.31	0.0372	0.000218	4.66	0.00136	0.0111	0.000288	0.000232	0.0000713	0.089	0.0000023	0.0000763	0.00068	0.00216	0.0000847
2108 Aug	0.00026	0.00103	0.142	0.000013	1.5	2.57	0.0401	0.000259	5.18	0.00153	0.0125	0.000307	0.000254	0.0000797	0.0992	0.00000261	0.0000852	0.000733	0.00241	0.000101
2108 Sep	0.000231	0.000981	0.131	0.0000125	1.41	2.39	0.0347	0.000279	4.82	0.00144	0.0119	0.000258	0.000226	0.000074	0.0923	0.00000249	0.0000814	0.000642	0.00223	0.000122
2108 Oct	0.000162	0.000877	0.1	0.0000102	1.15	1.98	0.0208	0.000369	4.2	0.00114	0.0103	0.000131	0.000129	0.0000552	0.075	0.00000203	0.0000789	0.000392	0.00156	0.000149
2108 Nov	0.000157	0.000883	0.0984	0.0000101	1.14	1.96	0.0193	0.000393	4.23	0.00112	0.0103	0.000117	0.000116	0.0000535	0.0743	0.000002	0.0000805	0.000365	0.00148	0.000149
2108 Dec	0.000157	0.000884	0.0985	0.0000101	1.15	1.97	0.0193	0.000393	4.23	0.00116	0.0104	0.000117	0.000116	0.0000536	0.0744	0.00000201	0.0000806	0.000365	0.00149	0.00015
2109 Jan	0.000157	0.000884	0.0985	0.0000101	1.15	1.97	0.0194	0.000393	4.23	0.00113	0.0104	0.000117	0.000116	0.0000536	0.0744	0.00000201	0.0000806	0.000365	0.00149	0.00015
2109 Feb	0.000158	0.000884	0.0986	0.0000101	1.15	1.97	0.0194	0.000394	4.24	0.00113	0.0104	0.000117	0.000116	0.0000537	0.0745	0.00000201	0.0000806	0.000365	0.00149	0.00015
2109 Mar	0.000158	0.000888	0.0989	0.0000102	1.15	1.98	0.0194	0.000395	4.25	0.00113	0.0104	0.000117	0.000116	0.0000539	0.0748	0.00000201	0.0000809	0.000367	0.00149	0.000151
2109 Apr	0.000161	0.000903	0.101	0.0000104	1.17	2.01	0.0198	0.000402	4.33	0.00115	0.0106	0.000119	0.000118	0.0000548	0.0761	0.00000205	0.0000824	0.000373	0.00152	0.000153
2109 May	0.000292	0.00101	0.135	0.0000103	1.44	2.75	0.0437	0.000357	5.39	0.00134	0.0109	0.00034	0.000148	0.0000758	0.104	0.00000205	0.0000842	0.000616	0.0016	0.000123
2109 Jun	0.000507	0.00117	0.193	0.0000102	1.87	3.91	0.0837	0.000255	6.98	0.00165	0.0113	0.000711	0.000208	0.00011	0.15	0.00000208	0.0000833	0.00104	0.0018	0.0000556
2109 Jul	0.000469	0.00116	0.188	0.0000108	1.81	3.71	0.0769	0.000248	6.61	0.00164	0.0116	0.000653	0.000211	0.000106	0.142	0.00000218	0.0000816	0.000974	0.00187	0.0000769
2109 Aug	0.000437	0.00119	0.185	0.0000116	1.79	3.6	0.0707	0.000263	6.48	0.00165	0.012	0.000601	0.000206	0.000104	0.138	0.00000232	0.000083	0.000897	0.00192	0.000113
2109 Sep	0.000325	0.00106	0.148	0.0000107	1.51	2.96	0.0503	0.000312	5.54	0.00142	0.0109	0.000411	0.000156	0.0000846	0.112	0.00000213	0.0000797	0.000644	0.00162	0.000175
2109 Oct	0.00021	0.000953	0.11	0.00000964	1.25	2.35	0.0281	0.000409	4.89	0.00118	0.0102	0.0002	0.0000954	0.0000624	0.0865	0.00000192	0.0000851	0.00039	0.00128	0.000206
2109 Nov	0.000206	0.00096	0.11	0.00000969	1.25	2.34	0.0273	0.00042	4.94	0.00118	0.0103	0.000192	0.0000933	0.000062	0.0863	0.00000193	0.0000868	0.000382	0.00128	0.000208
2109 Dec	0.000207	0.000962	0.11	0.0000097	1.25	2.35	0.0273	0.000421	4.95	0.00118	0.0103	0.000192	0.0000935	0.0000621	0.0864	0.00000193	0.0000869	0.000382	0.00128	0.000209
2110 Jan	0.000207	0.000963	0.11	0.00000971	1.26	2.35	0.0273	0.000421	4.95	0.00118	0.0103	0.000192	0.0000935	0.0000621	0.0865	0.00000193	0.000087	0.000383	0.00128	0.000209
2110 Feb	0.000207	0.000963	0.11	0.00000972	1.26	2.35	0.0274	0.000422	4.96	0.00118	0.0103	0.000192	0.0000936	0.0000622	0.0865	0.00000194	0.0000871	0.000383	0.00128	0.000209
2110 Mar	0.000207	0.000966	0.11	0.00000974	1.26	2.36	0.0274	0.000423	4.97	0.00119	0.0103	0.000193	0.0000939	0.0000623	0.0868	0.00000194	0.0000873	0.000384	0.00129	0.00021
2110 Apr	0.00021	0.000976	0.111	0.00000985	1.27	2.38	0.0277	0.000427	5.02	0.0012	0.0104	0.000195	0.0000949	0.000063	0.0877	0.00000196	0.0000882	0.000388	0.0013	0.000212
2110 May	0.000249	0.00102	0.123	0.0000101	1.37	2.63	0.0347	0.000422	5.37	0.00128	0.0107	0.000257	0.000109	0.0000703	0.097	0.00000201	0.0000904	0.000468	0.00137	0.000223
2110 Jun	0.000374	0.000968	0.152	0.00000936	1.52	3.06	0.0612	0.000212	5.7	0.0014	0.00993	0.000512	0.000197	0.0000887	0.116	0.00000193	0.0000744	0.000824	0.00171	0.000101
2110 Jul	0.000341	0.000975	0.15	0.0000104	1.5	2.88	0.0553	0.000205	5.39	0.00143	0.0106	0.00046	0.000215	0.0000854	0.11	0.00000211	0.0000741	0.000797	0.00191	0.0000951
2110 Aug	0.000182	0.000849	0.104	0.00000982	1.15	1.97	0.026	0.00026	4.26	0.00113	0.00911	0.000204	0.000118	0.0000615	0.0759	0.00000197	0.0000653	0.000353	0.00142	0.000116
2110 Sep	0.000153	0.000854	0.0911	0.00000933	1.12	1.9	0.0189	0.000378	4.37	0.00106	0.00922	0.000121	0.0000771	0.000055	0.0726	0.0000019	0.0000743	0.000263	0.00122	0.000144
2110 Oct	0.000147	0.000904	0.09	0.00000918	1.12	1.93	0.0156	0.000463	4.55	0.00104	0.00992	0.0000825	0.0000571	0.0000497	0.0732	0.00000188	0.0000838	0.000247	0.00113	0.000141
2110 Nov	0.000146	0.000905	0.0898	0.00000911	1.12	1.93	0.0154	0.000468	4.55	0.00103	0.00994	0.0000804	0.000056	0.0000491	0.0731	0.00000187	0.0000844	0.000247	0.00112	0.000143
2110 Dec	0.000147	0.000906	0.0899	0.00000912	1.12	1.93	0.0155	0.000468	4.56	0.00103	0.00995	0.0000805	0.0000561	0.0000492	0.0732	0.00000187	0.0000845	0.000248	0.00112	0.000144
2111 Jan	0.000147	0.000906	0.0899	0.00000913	1.12	1.93	0.0155	0.000468	4.56	0.00103	0.00995	0.0000805	0.0000561	0.0000492	0.0732	0.00000187	0.0000845	0.000248	0.00112	0.000144
2111 Feb	0.000147	0.000907	0.0899	0.00000913	1.12	1.94	0.0155	0.000469	4.56	0.00103	0.00996	0.0000805	0.0000561	0.0000492	0.0732	0.00000187	0.0000846	0.000248	0.00112	0.000144
2111 Mar	0.000147	0.000911	0.0904	0.00000917	1.13	1.94	0.0156	0.000471	4.58	0.00104	0.01	0.0000809	0.0000564	0.0000495	0.0736	0.00000188	0.000085	0.000249	0.00113	0.000145
2111 Apr	0.00015	0.000929	0.0921	0.00000935	1.15	1.98	0.0159	0.00048	4.67	0.00106	0.0102	0.0000825	0.0000575	0.0000504	0.075	0.00000192	0.0000866	0.000254	0.00115	0.000148
2111 May	0.000239	0.00101	0.118	0.00000972	1.35	2.49	0.0322	0.000446	5.34	0.00122	0.0107	0.000232	0.0000894	0.0000656	0.0948	0.00000199	0.0000882	0.000438	0.0013	0.000133
2111 Jun	0.000454	0.00107	0.175	0.00000955	1.71	3.53	0.0748	0.000229	6.43	0.00152	0.0105	0.000634	0.000198	0.000101	0.135	0.00000197	0.0000777	0.000946	0.00171	0.0000549
2111 Jul	0.00049	0.00119	0.194	0.0000112	1.89	3.85	0.0808	0.000249	6.96	0.00171	0.012	0.000684	0.000231	0.000111	0.148	0.00000227	0.0000857	0.00105	0.00201	0.0000651
2111 Aug	0.000311	0.000977	0.141	0.0000103	1.44	2.75	0.049	0.000259	5.23	0.00136	0.0102	0.000404	0.000162	0.0000818	0.106	0.00000206	0.0000719	0.000639	0.00164	0.000115
2111 Sep	0.000226	0.000903	0.114	0.0000101	1.29	2.32	0.0334	0.000333	4.74	0.00123	0.00954	0.000251	0.000115	0.0000708	0.0898	0.000002	0.000072	0.000424	0.00143	0.000158
2111 Oct	0.000185	0.000882	0.0988	0.00000937	1.19	2.12	0.0245	0.000388	4.64	0.00112	0.00939	0.000167	0.0000874	0.0000607	0.0803	0.0000019	0.0000772	0.000332	0.00125	0.000183

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2111 Nov	0.00017	0.000895	0.0948	0.00000921	1.17	2.07	0.0208	0.000427	4.7	0.00109	0.00963	0.00013	0.0000747	0.0000562	0.0776	0.00000188	0.0000826	0.000299	0.00119	0.00018
2111 Dec	0.000169	0.000897	0.0949	0.00000923	1.17	2.07	0.0208	0.000429	4.71	0.00109	0.00965	0.00013	0.0000746	0.0000562	0.0777	0.00000188	0.000083	0.000299	0.00119	0.000181
2112 Jan	0.00017	0.000897	0.0949	0.00000923	1.17	2.07	0.0208	0.000429	4.71	0.00109	0.00966	0.00013	0.0000746	0.0000562	0.0777	0.00000188	0.000083	0.000299	0.00119	0.000181
2112 Feb	0.00017	0.000898	0.095	0.00000924	1.17	2.07	0.0208	0.00043	4.72	0.00109	0.00966	0.00013	0.0000747	0.0000563	0.0778	0.00000188	0.0000831	0.000299	0.00119	0.000182
2112 Mar	0.000171	0.000903	0.0955	0.0000093	1.18	2.09	0.0209	0.000432	4.74	0.0011	0.00972	0.00013	0.0000751	0.0000566	0.0782	0.00000189	0.0000835	0.000301	0.0012	0.000183
2112 Apr	0.000173	0.000918	0.0971	0.00000945	1.2	2.12	0.0213	0.000439	4.82	0.00112	0.00988	0.000133	0.0000764	0.0000575	0.0795	0.00000192	0.000085	0.000306	0.00122	0.000186
2112 May	0.000285	0.00101	0.129	0.00000975	1.43	2.76	0.0419	0.000394	5.6	0.0013	0.0104	0.000322	0.000115	0.0000757	0.104	0.00000198	0.0000858	0.000539	0.00138	0.000168
2112 Jun	0.000359	0.000915	0.145	0.00000885	1.46	2.89	0.059	0.000187	5.51	0.00133	0.0094	0.000496	0.000192	0.0000847	0.11	0.00000185	0.0000703	0.000798	0.00166	0.000057
2112 Jul	0.000303	0.000895	0.138	0.0000101	1.39	2.59	0.0493	0.000177	4.98	0.00134	0.0101	0.000408	0.000219	0.0000786	0.0994	0.00000205	0.0000705	0.000756	0.00193	0.0000726
2112 Aug	0.000291	0.000938	0.138	0.0000109	1.42	2.61	0.0467	0.000215	5.04	0.00139	0.0106	0.000379	0.000215	0.0000801	0.1	0.00000219	0.0000735	0.000716	0.00198	0.000115
2112 Sep	0.000231	0.000879	0.118	0.0000105	1.29	2.32	0.0354	0.000269	4.51	0.00128	0.00991	0.000271	0.000171	0.0000711	0.0882	0.00000207	0.000071	0.000543	0.00173	0.000193
2112 Oct	0.000202	0.000866	0.108	0.0000101	1.22	2.21	0.0293	0.000319	4.37	0.00121	0.0097	0.000212	0.000143	0.0000656	0.0826	0.00000199	0.0000739	0.000453	0.00156	0.000254
2112 Nov	0.000199	0.00087	0.107	0.0000101	1.21	2.21	0.0285	0.00033	4.37	0.00121	0.00973	0.000204	0.000139	0.0000651	0.0822	0.00000198	0.000075	0.000441	0.00154	0.000267
2112 Dec	0.000199	0.000872	0.107	0.0000101	1.22	2.22	0.0286	0.00033	4.38	0.00121	0.00974	0.000204	0.00014	0.0000652	0.0824	0.00000199	0.0000751	0.000442	0.00154	0.000268
2113 Jan	0.000199	0.000872	0.107	0.0000101	1.22	2.22	0.0286	0.00033	4.38	0.00121	0.00975	0.000204	0.00014	0.0000652	0.0824	0.00000199	0.0000752	0.000442	0.00154	0.000268
2113 Feb	0.000199	0.000872	0.107	0.0000101	1.22	2.22	0.0286	0.00033	4.39	0.00121	0.00975	0.000204	0.00014	0.0000653	0.0824	0.00000199	0.0000752	0.000442	0.00154	0.000269
2113 Mar	0.000201	0.00088	0.108	0.0000102	1.23	2.24	0.0289	0.000333	4.42	0.00122	0.00984	0.000206	0.000141	0.0000658	0.0832	0.000002	0.0000759	0.000446	0.00155	0.000271
2113 Apr	0.000204	0.000895	0.11	0.0000104	1.25	2.28	0.0293	0.000339	4.5	0.00124	0.01	0.000209	0.000143	0.0000669	0.0846	0.00000204	0.0000771	0.000453	0.00158	0.000276
2113 May	0.000292	0.000984	0.134	0.0000105	1.44	2.8	0.045	0.000327	5.22	0.00138	0.0104	0.000352	0.000161	0.0000807	0.104	0.00000206	0.0000801	0.000616	0.00163	0.000267
2113 Jun	0.000437	0.00105	0.169	0.00000952	1.68	3.45	0.0721	0.000222	6.31	0.00151	0.0103	0.000609	0.0002	0.0000993	0.131	0.00000196	0.0000773	0.000918	0.00172	0.0000974
2113 Jul	0.000421	0.00109	0.172	0.0000105	1.69	3.39	0.069	0.000225	6.19	0.00155	0.011	0.000584	0.00021	0.0000987	0.13	0.00000214	0.000078	0.000899	0.00186	0.000099
2113 Aug	0.000385	0.0011	0.167	0.0000112	1.65	3.23	0.0622	0.000241	5.94	0.00154	0.0113	0.000525	0.0002	0.0000949	0.124	0.00000224	0.0000775	0.000813	0.00187	0.000117
2113 Sep	0.000289	0.000992	0.136	0.0000105	1.42	2.69	0.0444	0.0003	5.17	0.00134	0.0104	0.000358	0.000149	0.0000785	0.103	0.00000207	0.0000756	0.000585	0.00159	0.000169
2113 Oct	0.00019	0.000914	0.103	0.00000932	1.19	2.15	0.0245	0.000405	4.68	0.00111	0.00987	0.000169	0.0000857	0.0000576	0.0811	0.00000188	0.0000811	0.000353	0.00124	0.000176
2113 Nov	0.000179	0.000925	0.0999	0.00000933	1.18	2.12	0.0219	0.000435	4.71	0.0011	0.01	0.000142	0.0000765	0.0000552	0.0796	0.00000189	0.0000841	0.000326	0.00121	0.000174
2113 Dec	0.000179	0.000927	0.1	0.00000935	1.18	2.12	0.0219	0.000436	4.72	0.0011	0.0101	0.000142	0.0000767	0.0000553	0.0797	0.00000189	0.0000842	0.000326	0.00121	0.000175
2114 Jan	0.000179	0.000927	0.1	0.00000935	1.18	2.12	0.0219	0.000436	4.72	0.0011	0.0101	0.000142	0.0000767	0.0000553	0.0798	0.00000189	0.0000843	0.000326	0.00121	0.000175
2114 Feb	0.000179	0.000927	0.1	0.00000936	1.18	2.12	0.0219	0.000436	4.72	0.0011	0.0101	0.000142	0.0000767	0.0000553	0.0798	0.00000189	0.0000843	0.000326	0.00121	0.000175
2114 Mar	0.00018	0.000932	0.101	0.0000094	1.19	2.13	0.022	0.000438	4.74	0.00111	0.0101	0.000143	0.0000771	0.0000556	0.0802	0.0000019	0.0000847	0.000328	0.00122	0.000176
2114 Apr	0.000182	0.000943	0.102	0.00000951	1.2	2.16	0.0223	0.000443	4.8	0.00112	0.0102	0.000144	0.000078	0.0000562	0.0811	0.00000193	0.0000857	0.000332	0.00123	0.000178
2114 May	0.00031	0.00103	0.136	0.00000956	1.46	2.86	0.0463	0.000373	5.67	0.00131	0.0105	0.000366	0.000123	0.0000774	0.108	0.00000194	0.0000848	0.000598	0.0014	0.000158
2114 Jun	0.000498	0.00116	0.19	0.0000102	1.85	3.88	0.082	0.000263	6.88	0.00164	0.0113	0.000694	0.000203	0.000109	0.148	0.00000206	0.0000832	0.00102	0.00176	0.000104
2114 Jul	0.000553	0.00132	0.215	0.0000119	2.08	4.33	0.0909	0.000292	7.65	0.00186	0.013	0.00077	0.000237	0.000123	0.166	0.00000241	0.0000935	0.00114	0.00207	0.00012
2114 Aug	0.000608	0.00148	0.24	0.0000136	2.33	4.81	0.0997	0.000338	8.51	0.00209	0.0147	0.000842	0.000263	0.000137	0.184	0.00000274	0.000105	0.00125	0.00234	0.000147
2114 Sep	0.000392	0.00115	0.167	0.0000114	1.72	3.42	0.0618	0.000351	6.21	0.00158	0.0118	0.000503	0.000176	0.0000971	0.13	0.00000225	0.0000864	0.00079	0.00177	0.000211
2114 Oct	0.000263	0.00101	0.126	0.0000102	1.38	2.66	0.0378	0.000412	5.15	0.00129	0.0107	0.000282	0.000114	0.0000718	0.0999	0.000002	0.0000844	0.000508	0.00141	0.000243
2114 Nov	0.000203	0.000952	0.108	0.00000963	1.23	2.32	0.0262	0.000453	4.74	0.00115	0.0103	0.000176	0.0000831	0.0000596	0.0862	0.00000189	0.0000858	0.000375	0.00124	0.000249
2114 Dec	0.000202	0.000952	0.107	0.00000963	1.23	2.31	0.0259	0.000455	4.73	0.00115	0.0103	0.000173	0.0000823	0.0000593	0.086	0.00000189	0.0000858	0.000372	0.00123	0.000249
2115 Jan	0.000202	0.000952	0.107	0.00000964	1.23	2.31	0.026	0.000455	4.74	0.00115	0.0103	0.000173	0.0000824	0.0000593	0.086	0.00000189	0.0000859	0.000372	0.00123	0.000249
2115 Feb	0.000202	0.000953	0.107	0.00000964	1.23	2.32	0.026	0.000456	4.74	0.00115	0.0103	0.000173	0.0000824	0.0000594	0.0861	0.00000189	0.000086	0.000373	0.00123	0.00025
2115 Mar	0.000202	0.000955	0.108	0.00000967	1.24	2.32	0.026	0.000457	4.75	0.00116	0.0104	0.000174	0.0000826	0.0000595	0.0863	0.00000189	0.0000862	0.000373	0.00124	0.000251
2115 Apr	0.000206	0.000971	0.109	0.00000982	1.26	2.36	0.0265	0.000464	4.83	0.00117	0.0105	0.000177	0.000084	0.0000605	0.0877	0.00000192	0.0000876	0.00038	0.00126	0.000255
2115 May	0.000336	0.00105	0.145	0.0000098	1.51	3.04	0.0511	0.000384	5.76	0.00137	0.0108	0.000406	0.000129	0.0000816	0.115	0.00000195	0.0000861	0.000651	0.00143	0.000189
2115 Jun	0.000522	0.00124	0.2	0.0000107	1.96	4.11	0.0851	0.000315	7.33	0.00172	0.012	0.000718	0.000198	0.000114	0.157	0.00000217	0.0000909	0.00104	0.00178	0.000119
2115 Jul	0.00054	0.00134	0.212	0.0000119	2.06	4.29	0.0877	0.000328	7.65	0.00183	0.013	0.000742	0.000211	0.00012	0.164	0.00000238	0.0000949	0.00107	0.00194	0.000123
2115 Aug	0.00035	0.00106	0.153	0.0000105	1.55	3.04	0.055	0.000299	5.72	0.00142	0.0106	0.000458	0.000144	0.000088	0.117	0.00000208	0.000076	0.000661	0.00155	0.000125
2115 Sep	0.000275	0.000987	0.129	0.0000104	1.42	2.63	0.0413	0.000347	5.24	0.00131	0.0101	0.000325	0.000113	0.0000784	0.102	0.00000206	0.0000749	0.000486	0.00142	0.000156
2115 Oct	0.000251	0.000969	0.122	0.0000103	1.37	2.53	0.0369	0.00037	5.09	0.00128	0.00996	0.000281	0.000103	0.0000746	0.0973	0.00000203	0.0000765	0.000438	0.00137	0.0002
2115 Nov	0.000218	0.000938	0.111	0.00000997	1.29	2.37	0.0304	0.0004	4.85	0.00121	0.00977	0.000219	0.0000894	0.0000679	0.0897	0.00000195	0.0000788	0.000372	0.00128	0.00025
2115 Dec	0.000217	0.000939	0.111	0.00000997	1.29	2.37	0.0302	0.000402	4.86	0.00121	0.00979	0.000217	0.0000892	0.0000678	0.0896	0.00000195	0.0000793	0.00037	0.00127	0.000252
2116 Jan	0.000217	0.000939	0.111	0.00000998	1.29	2.38	0.0302	0.000403	4.86	0.00121	0.00979	0.000217	0.0000893	0.0000678	0.0897	0.00000195	0.0000793	0.00037	0.00128	0.000253
2116 Feb	0.000217	0.000941	0.111	0.00000999	1.29	2.38	0.0302	0.000403	4.87	0.00121	0.00981	0.000217	0.0000894	0.0000679	0.0898	0.00000196	0.0000794	0.000371	0.00128	0.000253
2116 Mar	0.000218	0.000943	0.111	0.00001	1.29	2.38	0.0303	0.000404	4.88	0.00121	0.00983	0.000218	0.0000896	0.0000681	0.09	0.00000196	0.0000796	0.000372	0.00128	0.000254
2116 Apr	0.000221	0.000957	0.113	0.0000102	1.31	2.42	0.0308	0.00041	4.95	0.00123	0.00998	0.000221	0.000091	0.0000691	0.0914	0.00000199	0.0000808	0.000377	0.0013	0.000258
2116 May	0.000318	0.00104	0.14	0.0000102	1.5	2.97	0.0485	0.000372	5.64	0.00138	0.0104	0.000384	0.000126	0.000084	0.112	0.00000201	0.0000826	0.000587	0.00143	0.000253
2116 Jun	0.000385	0.000955	0.153	0.000009	1.53	3.07	0.0634	0.000197	5.78	0.00138	0.00963	0.000534	0.000193	0.0000895	0.117	0.00000187	0.0000724	0.000834	0.00166	0.0000717
2116 Jul	0.000401	0.00105	0.167	0.0000108	1.67	3.25	0.0659	0.000208	6.07	0.00155	0.0112	0.000553	0.000235	0.0000964	0.125	0.00000221	0.0000794	0.000923	0.00204	0.0000751
2116 Aug	0.000409	0.00112	0.175	0.0000119	1.76	3.39	0.0668	0.000242	6.34	0.00165	0.0121	0.000555	0.000243	0.000101	0.131	0.00000241	0.0000843	0.000938	0.00218	0.0000945
2116 Sep	0.000263	0.000945	0.127	0.0000104	1.37	2.52	0.0396	0.000324	4.96	0.0013	0.0104	0.000305	0.000153	0.0000731	0.097	0.00000206	0.0000771	0.000575	0.00164	0.000148
2116 Oct	0.000181	0.000913	0.102	0.00000966	1.19	2.12	0.0227	0.000435	4.51	0.00111	0.0102	0.000145	0.0000866	0.0000556	0.0805	0.00000191	0.0000826	0.000354	0.00129	0.000192
2116 Nov	0.000177	0.000925	0.101	0.0000097	1.19	2.12	0.0216	0.000451	4.55	0.00111	0.0103	0.000134	0.0000817	0.0000549	0.0803	0.00000192	0.0000842	0.00034	0.00127	0.000198
2116 Dec	0.000177	0.000926	0.101	0.00000971	1.19	2.12	0.0216	0.000451	4.55	0.00111	0.0103	0.000134	0.0000818	0.0000549	0.0803	0.00000192	0.0000842	0.00034	0.00127	0.000198
2117 Jan	0.000177	0.000926	0.101	0.00000971	1.19	2.12	0.0216	0.000451	4.55	0.00111	0.0103	0.000134	0.0000818	0.0000549	0.0803	0.00000192	0.0000842	0.00034	0.00127	0.000199
2117 Feb	0.000177	0.000926	0.101	0.00000971	1.19	2.12	0.0216	0.000451	4.55	0.00111	0.0103	0.000134	0.0000818	0.0000549	0.0803	0.00000192	0.0000843	0.00034	0.00127	0.000199
2117 Mar	0.000178	0.000929	0.101	0.00000974	1.19	2.13	0.0217	0.000453	4.57	0.00112	0.0104	0.000135	0.0000821	0.0000551	0.0806	0.00000193	0.0000845	0.000341	0.00128	0.000199
2117 Apr	0.000181	0.000947	0.103	0.00000993	1.21	2.17	0.0221	0.000461	4.66	0.00114	0.0106	0.000137	0.0000837	0.0000562	0.0822	0.00000196	0.0000862	0.000348	0.0013	0.000203
2117 May	0.000275	0.00103	0.13	0.0000101	1.41	2.7	0.0394	0.000422	5.36	0.00129	0.0109	0.000296	0.000113	0.0000717	0.103	0.00000201	0.0000868	0.000536	0.00142	0.000181

Appendix C.2-5: B4

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2117 Jun	0.000472	0.00116	0.184	0.0000102	1.81	3.75	0.0768	0.00029	6.82	0.0016	0.0114	0.000646	0.000191	0.000105	0.143	0.00000208	0.0000855	0.000957	0.00173	0.0000925
2117 Jul	0.00051	0.00128	0.203	0.0000117	1.99	4.06	0.0828	0.000312	7.35	0.00177	0.0128	0.000698	0.000214	0.000115	0.156	0.00000236	0.0000924	0.00104	0.00197	0.0000976
2117 Aug	0.000474	0.00126	0.195	0.000012	1.92	3.86	0.0762	0.000319	7.02	0.00173	0.0127	0.00064	0.000204	0.00011	0.149	0.00000241	0.0000896	0.00096	0.00196	0.000109
2117 Sep	0.000425	0.00121	0.18	0.0000118	1.81	3.58	0.0675	0.000336	6.6	0.00165	0.0123	0.000559	0.000185	0.000102	0.138	0.00000236	0.0000876	0.000852	0.00186	0.000134
2117 Oct	0.000336	0.00109	0.151	0.0000109	1.57	3.05	0.0514	0.000365	5.76	0.00144	0.0114	0.000412	0.000146	0.0000855	0.117	0.00000216	0.0000839	0.000662	0.00162	0.00018
2117 Nov	0.00031	0.00106	0.143	0.0000107	1.5	2.89	0.0465	0.000377	5.52	0.00138	0.0111	0.000367	0.000134	0.0000803	0.111	0.00000211	0.0000831	0.000605	0.00155	0.000189
2117 Dec	0.000309	0.00106	0.142	0.0000107	1.5	2.89	0.0463	0.000379	5.51	0.00138	0.0111	0.000365	0.000133	0.0000801	0.11	0.00000211	0.0000831	0.000602	0.00154	0.00019
2118 Jan	0.000309	0.00106	0.142	0.0000107	1.5	2.89	0.0463	0.000379	5.51	0.00138	0.0111	0.000365	0.000133	0.0000801	0.11	0.00000211	0.0000831	0.000602	0.00154	0.00019
2118 Feb	0.000309	0.00106	0.142	0.0000107	1.5	2.89	0.0463	0.000379	5.51	0.00138	0.0111	0.000365	0.000133	0.0000801	0.111	0.00000211	0.0000832	0.000603	0.00154	0.000191
2118 Mar	0.00031	0.00107	0.143	0.0000107	1.5	2.89	0.0464	0.00038	5.52	0.00139	0.0112	0.000366	0.000134	0.0000803	0.111	0.00000211	0.0000833	0.000604	0.00155	0.000191
2118 Apr	0.000319	0.00108	0.146	0.0000108	1.53	2.96	0.0479	0.000385	5.62	0.00141	0.0113	0.000371	0.000135	0.0000812	0.113	0.00000213	0.0000843	0.000619	0.00156	0.000194
2118 May	0.00044	0.00113	0.175	0.0000102	1.74	3.58	0.0708	0.000312	6.46	0.00154	0.0111	0.000573	0.000168	0.0000978	0.137	0.00000204	0.000083	0.000864	0.00161	0.00013
2118 Jun	0.000482	0.00109	0.182	0.00000947	1.77	3.68	0.0801	0.00021	6.68	0.00156	0.0105	0.000681	0.000206	0.000105	0.141	0.00000197	0.0000779	0.000999	0.00173	0.0000478
2118 Jul	0.000536	0.00124	0.207	0.0000112	2	4.12	0.089	0.000236	7.43	0.00178	0.0122	0.000757	0.00024	0.000118	0.158	0.00000231	0.0000875	0.00113	0.00204	0.0000552
2118 Aug	0.000383	0.00105	0.161	0.0000106	1.63	3.17	0.0619	0.000261	5.88	0.00149	0.0107	0.000513	0.000181	0.0000938	0.123	0.00000213	0.0000754	0.000786	0.00175	0.000101
2118 Sep	0.000216	0.000898	0.108	0.00000952	1.25	2.26	0.0304	0.000379	4.74	0.00116	0.00959	0.000218	0.0000954	0.0000644	0.0872	0.0000019	0.0000763	0.000401	0.0013	0.000166
2118 Oct	0.000181	0.00091	0.0986	0.00000925	1.19	2.13	0.0226	0.000436	4.77	0.0011	0.00983	0.000145	0.0000746	0.0000566	0.0803	0.00000187	0.0000839	0.000325	0.00119	0.000193
2118 Nov	0.000178	0.000917	0.0979	0.00000924	1.19	2.13	0.0219	0.000445	4.85	0.0011	0.00989	0.000138	0.0000735	0.0000561	0.0799	0.00000187	0.0000867	0.000319	0.00119	0.000204
2118 Dec	0.000179	0.000918	0.098	0.00000925	1.19	2.14	0.022	0.000446	4.86	0.0011	0.0099	0.000138	0.0000736	0.0000562	0.08	0.00000187	0.0000868	0.00032	0.00119	0.000204
2119 Jan	0.000179	0.000918	0.098	0.00000925	1.2	2.14	0.022	0.000446	4.86	0.0011	0.00991	0.000138	0.0000736	0.0000562	0.0801	0.00000188	0.0000869	0.00032	0.00119	0.000205
2119 Feb	0.000179	0.000919	0.0981	0.00000926	1.2	2.14	0.022	0.000447	4.86	0.0011	0.00992	0.000138	0.0000737	0.0000562	0.0801	0.00000188	0.0000869	0.00032	0.00119	0.000205
2119 Mar	0.00018	0.000924	0.0987	0.00000931	1.2	2.15	0.0221	0.000449	4.89	0.00111	0.00997	0.000139	0.0000741	0.0000566	0.0806	0.00000189	0.0000874	0.000322	0.0012	0.000206
2119 Apr	0.000237	0.000998	0.116	0.00000958	1.34	2.51	0.032	0.000456	5.35	0.00121	0.0104	0.000181	0.000082	0.0000611	0.0945	0.00000193	0.0000894	0.000419	0.00123	0.000207
2119 May	0.000555	0.0012	0.201	0.0000093	1.94	4.2	0.0914	0.000288	7.43	0.00164	0.0109	0.000635	0.000173	0.000101	0.16	0.0000019	0.0000846	0.00105	0.00151	0.0000887
2119 Jun	0.000508	0.00112	0.19	0.00000957	1.82	3.85	0.0845	0.000226	6.82	0.0016	0.0107	0.000658	0.000203	0.000103	0.148	0.00000196	0.0000788	0.00103	0.00171	0.0000672
2119 Jul	0.000533	0.00123	0.206	0.0000113	1.98	4.11	0.0886	0.000242	7.24	0.00178	0.0122	0.000691	0.000242	0.000111	0.158	0.00000228	0.0000867	0.00113	0.00205	0.0000876
2119 Aug	0.000436	0.00114	0.179	0.0000113	1.78	3.55	0.0711	0.000271	6.41	0.00163	0.0116	0.000546	0.000209	0.0000991	0.137	0.00000227	0.0000815	0.000917	0.00193	0.000124
2119 Sep	0.000279	0.00095	0.128	0.0000102	1.4	2.62	0.0425	0.000336	5.1	0.00131	0.0101	0.000305	0.000135	0.0000746	0.101	0.00000201	0.0000754	0.000557	0.00153	0.000178
2119 Oct	0.000213	0.000911	0.109	0.00000965	1.25	2.28	0.0295	0.000399	4.72	0.00117	0.00985	0.000195	0.0000965	0.0000621	0.0872	0.00000191	0.000079	0.000405	0.00131	0.000208
2119 Nov	0.000198	0.000908	0.104	0.00000947	1.22	2.2	0.0262	0.000416	4.68	0.00113	0.00984	0.000167	0.0000865	0.0000588	0.0838	0.00000189	0.0000805	0.000369	0.00126	0.000208
2119 Dec	0.000198	0.000909	0.104	0.00000948	1.22	2.2	0.0262	0.000417	4.68	0.00113	0.00985	0.000168	0.0000866	0.0000589	0.0839	0.00000189	0.0000806	0.000369	0.00126	0.000209

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	34.7	0.0123	0.00566	0.000977	6.41	0.0217	2.27	0.000977	0.000977	0.00000488	0.0063	0.000911	0.0091	0.0118	0.00000488	10.1	0.0000132	0.000163
Operation (2024-2031): Mean	46	0.0501	0.00732	0.00103	10.1	0.0335	3.75	0.00103	0.00103	0.00000514	0.0074	0.00109	0.0107	0.0163	0.00000514	14.3	0.0000165	0.00021
Operation (2024-2031): Max	64.9	0.0862	0.0151	0.00109	14.4	0.0394	5.07	0.00109	0.00109	0.00000546	0.00815	0.00139	0.0115	0.0278	0.00000546	22.7	0.0000215	0.000328
Active Closure (2032-2038): Min	39.6	0.0253	0.00697	0.000979	7.48	0.024	2.85	0.000931	0.000931	0.00000474	0.00634	0.0009	0.00997	0.0116	0.00000475	10	0.0000149	0.000166
Active Closure (2032-2038): Mean	137	0.336	0.43	0.00796	36.3	0.0483	30.2	0.000988	0.000988	0.00000499	0.00787	0.00136	0.0364	0.0189	0.00000514	21.7	0.0000217	0.000248
Active Closure (2032-2038): Max	227	0.673	0.91	0.0159	65.2	0.0687	57.7	0.00111	0.00111	0.00000555	0.0089	0.00161	0.0638	0.0289	0.0000056	28.3	0.0000268	0.000342
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	37.1	0.0114	0.00496	0.000937	6.22	0.0195	2.66	0.000934	0.000934	0.00000467	0.00568	0.000901	0.00873	0.0115	0.00000468	10.2	0.00000935	0.000151
Post Closure (2039-2119): Mean	62.9	0.0726	0.0284	0.00132	13	0.0364	10.1	0.000999	0.000999	0.00000501	0.00735	0.00122	0.0162	0.0195	0.00000504	18	0.0000173	0.000241
Post Closure (2039-2119): Max	106	0.208	0.238	0.00482	26.4	0.0488	29.5	0.00113	0.00113	0.00000568	0.0083	0.00183	0.0357	0.0421	0.00000572	34.1	0.0000242	0.000441
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan	54.3	0.0601	0.00943	0.00105	12.6	0.0356	4.62	0.00105	0.00105	0.00000525	0.0073	0.00125	0.0108	0.0209	0.00000525	17.9	0.0000155	0.000244
2024 Feb	54.3	0.0601	0.00943	0.00105	12.6	0.0356	4.62	0.00105	0.00105	0.00000525	0.0073	0.00125	0.0108	0.0209	0.00000525	17.9	0.0000155	0.000244
2024 Mar	54.4	0.0602	0.00944	0.00105	12.6	0.0356	4.62	0.00105	0.00105	0.00000525	0.00731	0.00125	0.0108	0.0209	0.00000525	17.9	0.0000155	0.000244
2024 Apr	54.5	0.0603	0.00946	0.00105	12.6	0.0357	4.63	0.00105	0.00105	0.00000526	0.00733	0.00125	0.0108	0.0209	0.00000526	17.9	0.0000156	0.000245
2024 May	60.3	0.0624	0.0115	0.00106	14	0.0339	5.07	0.00106	0.00106	0.00000529	0.00733	0.00135	0.0106	0.0242	0.00000529	20.4	0.0000166	0.000278
2024 Jun	64.9	0.0463	0.0151	0.000986	14.4	0.0217	4.96	0.000986	0.000986	0.00000493	0.00689	0.00139	0.00912	0.0278	0.00000493	22.7	0.0000205	0.000328
2024 Jul	61.7	0.0405	0.014	0.00104	13.3	0.0235	4.61	0.00104	0.00104	0.00000522	0.00725	0.00136	0.00969	0.0256	0.00000522	21.1	0.0000211	0.000312
2024 Aug	59.5	0.0412	0.0127	0.00107	13.1	0.0283	4.58	0.00107	0.00107	0.00000533	0.0071	0.00134	0.0105	0.0241	0.00000533	20.1	0.0000183	0.000292
2024 Sep	55.3	0.0555	0.0101	0.00104	12.7	0.0337	4.57	0.00104	0.00104	0.00000519	0.00711	0.00125	0.0111	0.0213	0.00000519	18.3	0.0000156	0.000259
2024 Oct	54.6	0.0661	0.00921	0.00103	12.8	0.0359	4.68	0.00103	0.00103	0.00000516	0.00738	0.00122	0.0112	0.0206	0.00000516	17.9	0.0000155	0.000249
2024 Nov	54.4	0.0706	0.00883	0.00103	12.9	0.0368	4.73	0.00103	0.00103	0.00000515	0.0075	0.00122	0.0113	0.0203	0.00000515	17.7	0.0000155	0.000244
2024 Dec	54.4	0.0707	0.00883	0.00103	12.9	0.0368	4.74	0.00103	0.00103	0.00000516	0.0075	0.00122	0.0113	0.0203	0.00000516	17.7	0.0000155	0.000245
2025 Jan	54.4	0.0707	0.00883	0.00103	12.9	0.0368	4.74	0.00103	0.00103	0.00000516	0.0075	0.00122	0.0113	0.0203	0.00000516	17.7	0.0000155	0.000245
2025 Feb	54.4	0.0707	0.00883	0.00103	12.9	0.0368	4.74	0.00103	0.00103	0.00000516	0.0075	0.00122	0.0113	0.0203	0.00000516	17.7	0.0000155	0.000245
2025 Mar	54.5	0.0707	0.00884	0.00103	12.9	0.0368	4.74	0.00103	0.00103	0.00000516	0.00751	0.00122	0.0113	0.0203	0.00000516	17.8	0.0000155	0.000245
2025 Apr	54.5	0.0708	0.00884	0.00103	12.9	0.0369	4.74	0.00103	0.00103	0.00000516	0.00751	0.00122	0.0113	0.0203	0.00000516	17.8	0.0000155	0.000245
2025 May	55.5	0.0721	0.00901	0.00105	13.1	0.0376	4.83	0.00105	0.00105	0.00000526	0.00765	0.00124	0.0115	0.0207	0.00000526	18.1	0.0000158	0.000249
2025 Jun	46.4	0.0441	0.00807	0.00102	9.82	0.0296	3.55	0.00102	0.00102	0.00000512	0.00753	0.00107	0.0108	0.0164	0.00000512	14.3	0.0000187	0.000226
2025 Jul	37	0.0152	0.00674	0.001	6.86	0.0257	2.48	0.001	0.001	0.00000502	0.00689	0.00095	0.00961	0.0126	0.00000502	10.7	0.0000181	0.000183
2025 Aug	38.8	0.0173	0.00678	0.00105	7.59	0.0301	2.78	0.00105	0.00105	0.00000526	0.00684	0.00102	0.0101	0.0136	0.00000526	11.5	0.0000162	0.000181
2025 Sep	40.9	0.0303	0.00654	0.00104	8.55	0.0331	3.16	0.00104	0.00104	0.00000522	0.00692	0.00104	0.0106	0.0141	0.00000522	12.3	0.000015	0.000186
2025 Oct	43.2	0.0544	0.00596	0.00101	9.74	0.0361	3.7	0.00101	0.00101	0.00000506	0.00727	0.00104	0.0107	0.0148	0.00000506	13.2	0.0000147	0.000187
2025 Nov	44.1	0.0643	0.00571	0.000997	10.2	0.0373	3.91	0.000997	0.000997	0.00000499	0.0074	0.00104	0.0108	0.0151	0.00000499	13.5	0.0000146	0.000187
2025 Dec	44.1	0.0643	0.00572	0.000998	10.2	0.0373	3.91	0.000998	0.000998	0.00000499	0.00741	0.00104	0.0108	0.0151	0.00000499	13.5	0.0000146	0.000187
2026 Jan	44.1	0.0643	0.00572	0.000998	10.2	0.0373	3.91	0.000998	0.000998	0.00000499	0.00741	0.00104	0.0108	0.0151	0.00000499	13.5	0.0000146	0.000187
2026 Feb	44.1	0.0643	0.00572	0.000998	10.2	0.0373	3.91	0.000998	0.000998	0.00000499	0.00741	0.00104	0.0108	0.0151	0.00000499	13.5	0.0000146	0.000187
2026 Mar	44.1	0.0644	0.00572	0.000999	10.2	0.0373	3.92	0.000999	0.000999	0.00000499	0.00741	0.00104	0.0108	0.0151	0.00000499	13.5	0.0000146	0.000187
2026 Apr	44.3	0.0646	0.00574	0.001	10.3	0.0375	3.93	0.001	0.001	0.00000501	0.00744	0.00105	0.0108	0.0151	0.00000501	13.6	0.0000147	0.000188
2026 May	45.3	0.0656	0.00595	0.00102	10.5	0.0379	4.02	0.00102	0.00102	0.00000509	0.00755	0.00107	0.011	0.0156	0.00000509	13.9	0.0000149	0.000193
2026 Jun	40.6	0.0236	0.00781	0.000982	7.64	0.0227	2.68	0.000982	0.000982	0.00000491	0.00726	0.000952	0.00985	0.0139	0.00000491	12	0.0000206	0.000213
2026 Jul	39.7	0.0179	0.00759	0.00103	7.19	0.0236	2.53	0.00103	0.00103	0.00000515	0.00745	0.000963	0.0101	0.0133	0.00000515	11.5	0.0000212	0.000208
2026 Aug	40.5	0.0206	0.00721	0.00105	7.95	0.0292	2.86	0.00105	0.00105	0.00000525	0.00703	0.00103	0.0104	0.014	0.00000525	12	0.0000172	0.000196
2026 Sep	42.2	0.0291	0.00711	0.00106	8.63	0.0316	3.14	0.00106	0.00106	0.00000531	0.00719	0.00105	0.0108	0.0145	0.00000531	12.6	0.0000167	0.0002
2026 Oct	43.7	0.0468	0.00659	0.00104	9.5	0.0342	3.54	0.00104	0.00104	0.0000052	0.00741	0.00105	0.0109	0.015	0.0000052	13.2	0.0000162	0.000198
2026 Nov	43.9	0.0472	0.00662	0.00104	9.55	0.0344	3.56	0.00104	0.00104	0.00000522	0.00744	0.00106	0.011	0.0151	0.00000522	13.3	0.0000163	0.000199
2026 Dec	43.9	0.0472	0.00662	0.00104	9.55	0.0344	3.56	0.00104	0.00104	0.00000522	0.00745	0.00106	0.011	0.0151	0.00000522	13.3	0.0000163	0.000199
2027 Jan	44	0.0472	0.00662	0.00104	9.55	0.0344	3.56	0.00104	0.00104	0.00000522	0.00745	0.00106	0.011	0.0151	0.00000522	13.3	0.0000163	0.000199
2027 Feb	44	0.0472	0.00662	0.00104	9.55	0.0344	3.56	0.00104	0.00104	0.00000522	0.00745	0.00106	0.011	0.0151	0.00000522	13.3	0.0000163	0.000199
2027 Mar	44	0.0472	0.00662	0.00104	9.56	0.0344	3.56	0.00104	0.00104	0.00000522	0.00745	0.00106	0.011	0.0151	0.00000522	13.3	0.0000163	0.000199
2027 Apr	44.2	0.0475	0.00666	0.00105	9.62	0.0346	3.59	0.00105	0.00105	0.00000525	0.0075	0.00107	0.0111	0.0152	0.00000525	13.4	0.0000164	0.0002
2027 May	45.8	0.0487	0.00704	0.00107	9.98	0.0351	3.71	0.00107	0.00107	0.00000535	0.00762	0.0011	0.0112	0.0159	0.00000535	14	0.0000168	0.000208
2027 Jun	39.4	0.0219	0.0074	0.000991	7.32	0.0233	2.58	0.000991	0.000991	0.00000495	0.00726	0.000937	0.00998	0.0132	0.00000495	11.5	0.0000204	0.000206
2027 Jul	37.2	0.0127	0.00708	0.00102	6.48	0.023	2.27	0.00102	0.00102	0.00000512	0.00735	0.000925	0.01	0.0122	0.00000512	10.5	0.000021	0.000197
2027 Aug	39.5	0.0164	0.00719	0.00107	7.3	0.027	2.59	0.00107	0.00107	0.00000534	0.00739	0.000992	0.0107	0.0131	0.00000534	11.4	0.0000195	0.000201
2027 Sep	42.1	0.0365	0.00666	0.00105	8.77	0.0322	3.2	0.00105	0.00105	0.00000523	0.00734	0.00102	0.0112	0.014	0.00000523	12.5	0.0000168	0.0002
2027 Oct	43.9	0.0536	0.00624	0.00103	9.67	0.0349	3.62	0.00103	0.00103	0.00000514	0.00755	0.00103	0.0112	0.0147	0.00000514	13.2	0.0000163	0.000199
2027 Nov	44.5	0.0584	0.00614	0.00103	9.95	0.0358	3.74	0.00103	0.00103	0.00000513	0.00763	0.00104	0.0112	0.0149	0.00000513	13.4	0.0000162	0.000199
2027 Dec	44.5	0.0588	0.00613	0.00103	9.97	0.0358	3.75	0.00103	0.00103	0.00000513	0.00764	0.00104	0.0112	0.0149	0.00000513	13.4	0.0000162	0.000199
2028 Jan	44.5	0.0588	0.00613	0.00103	9.97	0.0358	3.75	0.00103	0.00103	0.00000513	0.00764	0.00104	0.0112	0.0149	0.00000513	13.4	0.0000162	0.000199
2028 Feb	44.5	0.0588	0.00613	0.00103	9.97	0.0358	3.75	0.00103	0.00103	0.00000513	0.00764	0.00104	0.0112	0.0149	0.00000513	13.4	0.0000162	0.000199
2028 Mar	44.5	0.0589	0.00613	0.00103	9.97	0.0358	3.76	0.00103	0.00103	0.00000513	0.00764	0.00104	0.0112	0.0149	0.00000513	13.4	0.0000162	0.000199

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Apr	44.7	0.0591	0.00615	0.00103	10	0.036	3.77	0.00103	0.00103	0.00000515	0.00766	0.00104	0.0113	0.0149	0.00000515	13.5	0.0000162	0.0002
2028 May	45.3	0.0599	0.00624	0.00104	10.1	0.0364	3.82	0.00104	0.00104	0.00000522	0.00777	0.00106	0.0114	0.0152	0.00000522	13.7	0.0000164	0.000202
2028 Jun	38.5	0.027	0.00663	0.000999	7.24	0.0253	2.6	0.000999	0.000999	0.00000499	0.00744	0.000918	0.0103	0.0124	0.00000499	11	0.00002	0.000198
2028 Jul	36.9	0.0146	0.00687	0.00102	6.47	0.0234	2.28	0.00102	0.00102	0.00000509	0.00737	0.000916	0.0101	0.012	0.00000509	10.3	0.0000208	0.000195
2028 Aug	39.8	0.0167	0.00727	0.00109	7.17	0.0265	2.55	0.00109	0.00109	0.00000546	0.00774	0.000995	0.0109	0.013	0.00000546	11.3	0.0000211	0.000206
2028 Sep	42.1	0.0314	0.00701	0.00109	8.21	0.0299	2.99	0.00109	0.00109	0.00000546	0.00791	0.00103	0.0112	0.0138	0.00000546	12.2	0.0000201	0.000208
2028 Oct	45.2	0.0683	0.0059	0.00102	10.2	0.0362	3.91	0.00102	0.00102	0.0000051	0.00798	0.00104	0.0111	0.015	0.0000051	13.6	0.0000172	0.000199
2028 Nov	46	0.0736	0.00581	0.00102	10.6	0.0373	4.06	0.00102	0.00102	0.0000051	0.00806	0.00105	0.0112	0.0153	0.0000051	13.9	0.000017	0.000199
2028 Dec	46	0.0737	0.00581	0.00102	10.6	0.0373	4.07	0.00102	0.00102	0.00000511	0.00807	0.00105	0.0112	0.0153	0.00000511	13.9	0.000017	0.0002
2029 Jan	46	0.0737	0.00581	0.00102	10.6	0.0373	4.07	0.00102	0.00102	0.00000511	0.00807	0.00105	0.0112	0.0153	0.00000511	13.9	0.000017	0.0002
2029 Feb	46	0.0737	0.00581	0.00102	10.6	0.0373	4.07	0.00102	0.00102	0.00000511	0.00807	0.00105	0.0112	0.0153	0.00000511	13.9	0.000017	0.0002
2029 Mar	46	0.0737	0.00581	0.00102	10.6	0.0373	4.07	0.00102	0.00102	0.00000511	0.00807	0.00105	0.0112	0.0153	0.00000511	13.9	0.000017	0.0002
2029 Apr	46.1	0.0738	0.00582	0.00102	10.6	0.0374	4.07	0.00102	0.00102	0.00000511	0.00808	0.00105	0.0112	0.0154	0.00000511	13.9	0.000017	0.0002
2029 May	46.5	0.0745	0.00588	0.00103	10.7	0.0377	4.11	0.00103	0.00103	0.00000516	0.00815	0.00106	0.0113	0.0155	0.00000516	14.1	0.0000172	0.000202
2029 Jun	44.4	0.053	0.00678	0.00103	9.43	0.0315	3.51	0.00103	0.00103	0.00000514	0.00793	0.00102	0.0109	0.0149	0.00000514	13.3	0.0000192	0.00021
2029 Jul	34.7	0.0123	0.00621	0.000977	6.44	0.026	2.36	0.000977	0.000977	0.00000488	0.00651	0.000925	0.0091	0.012	0.00000488	10.1	0.0000165	0.000166
2029 Aug	36.9	0.0162	0.00617	0.00102	7.46	0.0316	2.77	0.00102	0.00102	0.00000509	0.0063	0.00101	0.00963	0.0131	0.00000509	11.1	0.0000134	0.000163
2029 Sep	39.6	0.0293	0.00613	0.00103	8.46	0.0345	3.16	0.00103	0.00103	0.00000516	0.00661	0.00104	0.0103	0.0139	0.00000516	12	0.0000132	0.000172
2029 Oct	41.8	0.0459	0.00588	0.00102	9.34	0.0365	3.55	0.00102	0.00102	0.00000511	0.00696	0.00105	0.0105	0.0145	0.00000511	12.8	0.0000135	0.000177
2029 Nov	43	0.0575	0.00566	0.00101	9.9	0.0376	3.8	0.00101	0.00101	0.00000503	0.00717	0.00105	0.0106	0.0149	0.00000503	13.2	0.0000137	0.000179
2029 Dec	43	0.0575	0.00566	0.00101	9.9	0.0376	3.8	0.00101	0.00101	0.00000503	0.00717	0.00105	0.0106	0.0149	0.00000503	13.2	0.0000137	0.000179
2030 Jan	43	0.0575	0.00566	0.00101	9.9	0.0376	3.8	0.00101	0.00101	0.00000503	0.00717	0.00105	0.0106	0.0149	0.00000503	13.2	0.0000137	0.000179
2030 Feb	43	0.0575	0.00566	0.00101	9.9	0.0376	3.8	0.00101	0.00101	0.00000503	0.00717	0.00105	0.0106	0.0149	0.00000503	13.2	0.0000137	0.000179
2030 Mar	43.1	0.0575	0.00566	0.00101	9.91	0.0376	3.8	0.00101	0.00101	0.00000504	0.00717	0.00105	0.0106	0.0149	0.00000504	13.2	0.0000137	0.00018
2030 Apr	43.1	0.0576	0.00567	0.00101	9.93	0.0377	3.81	0.00101	0.00101	0.00000505	0.00719	0.00105	0.0106	0.0149	0.00000505	13.2	0.0000137	0.00018
2030 May	43.8	0.0585	0.00576	0.00103	10.1	0.0383	3.87	0.00103	0.00103	0.00000513	0.0073	0.00107	0.0108	0.0151	0.00000513	13.4	0.0000139	0.000183
2030 Jun	38.2	0.0272	0.00647	0.000996	7.29	0.0263	2.64	0.000996	0.000996	0.00000498	0.0073	0.000927	0.0102	0.0125	0.00000498	10.9	0.0000192	0.000191
2030 Jul	35.7	0.0138	0.00652	0.000993	6.41	0.0243	2.3	0.000993	0.000993	0.00000497	0.00696	0.000911	0.00961	0.0118	0.00000497	10.1	0.0000189	0.000181
2030 Aug	37	0.0147	0.00645	0.00103	7.06	0.0289	2.6	0.00103	0.00103	0.00000515	0.00675	0.000987	0.00974	0.0128	0.00000515	10.8	0.0000163	0.000173
2030 Sep	39	0.0192	0.00662	0.00107	7.64	0.0309	2.81	0.00107	0.00107	0.00000533	0.007	0.00103	0.0103	0.0135	0.00000533	11.5	0.0000164	0.000181
2030 Oct	41	0.0368	0.00627	0.00105	8.6	0.0334	3.23	0.00105	0.00105	0.00000523	0.00723	0.00104	0.0105	0.0141	0.00000523	12.2	0.000016	0.000183
2030 Nov	42.1	0.0468	0.00606	0.00103	9.15	0.0348	3.47	0.00103	0.00103	0.00000517	0.00736	0.00104	0.0106	0.0144	0.00000517	12.7	0.0000158	0.000185
2030 Dec	42.2	0.0468	0.00606	0.00103	9.15	0.0348	3.48	0.00103	0.00103	0.00000517	0.00737	0.00104	0.0106	0.0144	0.00000517	12.7	0.0000158	0.000185
2031 Jan	42.2	0.0468	0.00606	0.00103	9.15	0.0348	3.48	0.00103	0.00103	0.00000517	0.00737	0.00104	0.0106	0.0144	0.00000517	12.7	0.0000158	0.000185
2031 Feb	42.2	0.0468	0.00606	0.00103	9.15	0.0348	3.48	0.00103	0.00103	0.00000517	0.00737	0.00104	0.0106	0.0144	0.00000517	12.7	0.0000158	0.000185
2031 Mar	42.2	0.0468	0.00607	0.00103	9.16	0.0348	3.48	0.00103	0.00103	0.00000517	0.00737	0.00104	0.0106	0.0144	0.00000517	12.7	0.0000158	0.000185
2031 Apr	42.4	0.0471	0.0061	0.00104	9.2	0.035	3.49	0.00104	0.00104	0.0000052	0.00741	0.00105	0.0106	0.0145	0.0000052	12.7	0.0000159	0.000186
2031 May	48.8	0.0505	0.0082	0.00105	10.8	0.0337	4	0.00105	0.00105	0.00000526	0.00744	0.00116	0.0105	0.018	0.00000526	15.5	0.0000168	0.000221
2031 Jun	64.1	0.0468	0.0147	0.00101	14.2	0.0229	4.92	0.00101	0.00101	0.00000503	0.00703	0.00138	0.00932	0.0272	0.00000503	22.3	0.0000205	0.000322
2031 Jul	63.2	0.0431	0.0142	0.00107	13.7	0.0248	4.76	0.00107	0.00107	0.00000537	0.00747	0.00139	0.00997	0.0262	0.00000537	21.5	0.0000215	0.000317
2031 Aug	59.7	0.0408	0.0127	0.00109	13.1	0.0292	4.62	0.00109	0.00109	0.00000545	0.0072	0.00137	0.0104	0.0244	0.00000545	20.2	0.0000185	0.000289
2031 Sep	54.8	0.0585	0.00975	0.00104	12.7	0.0346	4.6	0.00104	0.00104	0.0000052	0.00721	0.00125	0.0109	0.021	0.0000052	18.1	0.0000155	0.000251
2031 Oct	51.5	0.0843	0.00709	0.000993	12.5	0.039	4.75	0.000993	0.000993	0.00000496	0.00767	0.00114	0.011	0.0185	0.00000496	16.5	0.0000149	0.000219
2031 Nov	51.5	0.0862	0.00697	0.000994	12.6	0.0394	4.78	0.000994	0.000994	0.00000497	0.00773	0.00114	0.0111	0.0185	0.00000497	16.5	0.0000149	0.000218
2031 Dec	51.5	0.0862	0.00697	0.000995	12.6	0.0394	4.78	0.000995	0.000995	0.00000497	0.00774	0.00114	0.0111	0.0185	0.00000497	16.5	0.0000149	0.000218
2032 Jan	51.5	0.0862	0.00697	0.000995	12.6	0.0394	4.78	0.000995	0.000995	0.00000497	0.00774	0.00114	0.0111	0.0185	0.00000497	16.5	0.0000149	0.000218
2032 Feb	51.5	0.0862	0.00697	0.000995	12.6	0.0394	4.78	0.000995	0.000995	0.00000497	0.00774	0.00114	0.0111	0.0185	0.00000497	16.5	0.0000149	0.000218
2032 Mar	51.5	0.0862	0.00697	0.000995	12.6	0.0394	4.79	0.000995	0.000995	0.00000498	0.00774	0.00114	0.0111	0.0185	0.00000498	16.5	0.0000149	0.000218
2032 Apr	51.7	0.0865	0.00699	0.000998	12.6	0.0395	4.8	0.000998	0.000998	0.00000499	0.00776	0.00115	0.0111	0.0186	0.00000499	16.5	0.0000149	0.000219
2032 May	52.8	0.0877	0.00721	0.00101	12.8	0.04	4.89	0.00101	0.00101	0.00000507	0.00787	0.00117	0.0112	0.019	0.00000507	16.9	0.0000152	0.000224
2032 Jun	41.3	0.0301	0.00762	0.000979	8.01	0.024	2.85	0.000979	0.000979	0.00000489	0.00733	0.000959	0.00997	0.0141	0.00000489	12.3	0.0000203	0.000212
2032 Jul	39.6	0.0253	0.0284	0.00132	7.48	0.0249	3.33	0.000948	0.000948	0.00000474	0.00641	0.0009	0.00997	0.0116	0.00000475	10	0.0000169	0.000166
2032 Aug	89.8	0.158	0.22	0.00451	20.2	0.0369	13.3	0.000976	0.000976	0.0000049	0.00634	0.00106	0.0204	0.0129	0.00000496	13.4	0.000015	0.000176
2032 Sep	120	0.242	0.337	0.00646	27.9	0.0431	19.4	0.000995	0.000995	0.00000501	0.00664	0.00115	0.0269	0.0137	0.0000051	15.4	0.0000156	0.000189
2032 Oct	129	0.273	0.373	0.00706	30.4	0.0452	21.4	0.001	0.001	0.00000504	0.00689	0.00118	0.0289	0.0141	0.00000515	16.2	0.0000163	0.000194
2032 Nov	149	0.332	0.458	0.00846	35.6	0.0481	25.7	0.000997	0.000997	0.00000503	0.00706	0.00121	0.0331	0.0143	0.00000516	17.3	0.0000173	0.000198
2032 Dec	163	0.375	0.519	0.00947	39.4	0.0501	28.8	0.00099	0.00099	0.000005	0.00719	0.00124	0.0362	0.0144	0.00000515	18.1	0.000018	0.0002
2033 Jan	163	0.376	0.519	0.00947	39.4	0.0501	28.8	0.00099	0.00099	0.000005	0.00719	0.00124	0.0362	0.0144	0.00000515	18.1	0.000018	0.0002
2033 Feb	163	0.376	0.519	0.00947	39.4	0.0502	28.8	0.00099	0.00099	0.000005	0.00719	0.00124	0.0362	0.0144	0.00000515	18.1	0.000018	0.0002
2033 Mar	163	0.376	0.52	0.00948	39.5	0.0502	28.9	0.000991	0.000991	0.00000501	0.0072	0.00124	0.0362	0.0144	0.00000515	18.1	0.000018	0.000201
2033 Apr	164	0.379	0.523	0.00955	39.7	0.0506	29.1	0.000998	0.000998	0.00000504	0.00725	0.00125	0.0365	0.0145	0.00000519	18.2	0.0000181	0.000202
2033 May	158	0.325	0.431	0.00793	38.6	0.0418	25.8	0.001	0.001	0.00000505	0.00717	0.00152	0.0309	0.0252	0.00000517	25.4	0.0000205	0.000303
2033 Jun	102	0.161	0.199	0.00399	24.4	0.0254	14.1	0.000949	0.000949	0.00000476	0.00685	0.0014	0.0183	0.0265	0.00000482	23.6	0.0000222	0.000323
2033 Jul	103	0.177	0.233	0.00463	25	0.029	15.6	0.000995	0.000995	0.000005	0.00708	0.00136	0.0206	0.0234	0.00000506	21.5	0.0000222	0.000294
2033 Aug	121	0.229	0.314	0.00603	30	0.0349	20	0.00105	0.00105	0.00000527	0.00732	0.00144	0.0254	0.0236	0.00000536	22.6	0.0000224	0.000293
2033 Sep	153	0.368	0.493	0.009	40.5	0.0467	30	0.00101	0.00101	0.00000508	0.00763	0.00143	0.036	0.0208	0.00000522	23	0.0000216	0.000267
2033 Oct	178	0.502	0.646	0.0115	49.7	0.0581	39.1	0.000947	0.000947	0.0000048	0.00833	0.00138	0.0452	0.0178	0.000005	23.1	0.000022	0.000233

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Nov	171	0.483	0.609	0.0109	47.6	0.058	37.3	0.000952	0.000952	0.00000483	0.00842	0.00137	0.0435	0.0177	0.00000501	22.7	0.0000216	0.00023
2033 Dec	171	0.483	0.61	0.0109	47.7	0.0581	37.3	0.000952	0.000952	0.00000483	0.00842	0.00137	0.0435	0.0177	0.00000501	22.7	0.0000216	0.00023
2034 Jan	171	0.483	0.61	0.0109	47.7	0.0581	37.3	0.000952	0.000952	0.00000483	0.00842	0.00137	0.0435	0.0177	0.00000501	22.7	0.0000216	0.00023
2034 Feb	171	0.483	0.61	0.0109	47.7	0.0581	37.3	0.000953	0.000953	0.00000483	0.00842	0.00137	0.0435	0.0177	0.00000501	22.7	0.0000216	0.00023
2034 Mar	171	0.483	0.61	0.0109	47.7	0.0581	37.3	0.000953	0.000953	0.00000483	0.00842	0.00137	0.0435	0.0177	0.00000502	22.7	0.0000216	0.000231
2034 Apr	172	0.486	0.613	0.011	48	0.0584	37.5	0.000958	0.000958	0.00000486	0.00847	0.00138	0.0437	0.0178	0.00000504	22.8	0.0000217	0.000232
2034 May	169	0.453	0.568	0.0102	46.6	0.0547	35.4	0.000979	0.000979	0.00000496	0.00838	0.00148	0.041	0.0216	0.00000513	25.1	0.0000223	0.000269
2034 Jun	93.8	0.145	0.161	0.00339	23.1	0.0264	13	0.000971	0.000971	0.00000487	0.00708	0.00144	0.0171	0.0277	0.00000492	24.4	0.0000221	0.000333
2034 Jul	144	0.335	0.474	0.00863	38.7	0.0394	29.9	0.000986	0.000986	0.00000499	0.00728	0.00145	0.035	0.0221	0.00000513	23.5	0.0000239	0.000283
2034 Aug	161	0.384	0.547	0.00991	43.6	0.0449	34.3	0.00106	0.00106	0.00000535	0.00773	0.00156	0.04	0.0232	0.00000552	25.3	0.000025	0.000296
2034 Sep	193	0.525	0.724	0.0128	54.1	0.0565	45.3	0.00101	0.00101	0.00000512	0.00822	0.00155	0.0513	0.0207	0.00000535	26.1	0.0000253	0.000273
2034 Oct	217	0.64	0.862	0.0151	62.3	0.0664	54.7	0.000949	0.000949	0.00000485	0.00865	0.00153	0.0608	0.0183	0.00000513	26.6	0.0000256	0.000249
2034 Nov	224	0.668	0.903	0.0158	64.7	0.0682	57.2	0.000951	0.000951	0.00000486	0.00875	0.00155	0.0633	0.0183	0.00000516	27.1	0.0000261	0.00025
2034 Dec	225	0.669	0.904	0.0158	64.8	0.0683	57.3	0.000951	0.000951	0.00000487	0.00876	0.00155	0.0634	0.0183	0.00000516	27.2	0.0000262	0.00025
2035 Jan	225	0.669	0.905	0.0158	64.9	0.0683	57.4	0.000951	0.000951	0.00000487	0.00876	0.00155	0.0635	0.0183	0.00000516	27.2	0.0000262	0.00025
2035 Feb	225	0.67	0.905	0.0158	64.9	0.0683	57.4	0.000951	0.000951	0.00000487	0.00876	0.00155	0.0635	0.0183	0.00000516	27.2	0.0000262	0.00025
2035 Mar	225	0.67	0.905	0.0158	64.9	0.0683	57.4	0.000952	0.000952	0.00000487	0.00876	0.00155	0.0635	0.0183	0.00000517	27.2	0.0000262	0.00025
2035 Apr	226	0.673	0.91	0.0159	65.2	0.0687	57.7	0.000956	0.000956	0.00000489	0.0088	0.00156	0.0638	0.0184	0.00000519	27.3	0.0000263	0.000252
2035 May	227	0.666	0.898	0.0157	65.2	0.0682	57.2	0.000978	0.000978	0.000005	0.0089	0.00161	0.0632	0.0199	0.0000053	28.3	0.0000268	0.000267
2035 Jun	66.1	0.0967	0.117	0.00273	15.2	0.0245	9.43	0.000956	0.000956	0.00000479	0.00718	0.00108	0.0158	0.0168	0.00000483	15.5	0.0000221	0.000242
2035 Jul	62.5	0.0919	0.123	0.00289	14.2	0.0263	9.49	0.000995	0.000995	0.00000499	0.0073	0.00103	0.0166	0.0141	0.00000503	13.4	0.000022	0.000216
2035 Aug	88.6	0.179	0.248	0.00498	22.4	0.0363	17.6	0.00102	0.00102	0.00000512	0.00723	0.00114	0.0252	0.0147	0.0000052	15.7	0.0000203	0.000219
2035 Sep	165	0.46	0.621	0.0111	46.4	0.0582	42.7	0.000953	0.000953	0.00000485	0.00784	0.00135	0.0499	0.0154	0.00000507	22	0.0000218	0.000225
2035 Oct	170	0.488	0.631	0.0113	48	0.0619	44.4	0.000944	0.000944	0.0000048	0.00832	0.00137	0.0512	0.016	0.00000503	22.9	0.0000223	0.000224
2035 Nov	173	0.503	0.645	0.0115	49	0.0632	45.8	0.000931	0.000931	0.00000474	0.00841	0.00138	0.0524	0.016	0.00000498	23.2	0.0000225	0.000222
2035 Dec	174	0.504	0.647	0.0115	49.1	0.0633	46	0.000932	0.000932	0.00000474	0.00842	0.00138	0.0525	0.016	0.00000498	23.3	0.0000226	0.000222
2036 Jan	174	0.505	0.648	0.0116	49.1	0.0633	46	0.000932	0.000932	0.00000474	0.00842	0.00138	0.0526	0.016	0.00000498	23.3	0.0000226	0.000222
2036 Feb	174	0.505	0.648	0.0116	49.1	0.0633	46	0.000932	0.000932	0.00000474	0.00842	0.00138	0.0526	0.016	0.00000498	23.3	0.0000226	0.000222
2036 Mar	174	0.505	0.648	0.0116	49.1	0.0633	46	0.000932	0.000932	0.00000474	0.00842	0.00138	0.0526	0.016	0.00000498	23.3	0.0000226	0.000222
2036 Apr	176	0.509	0.654	0.0117	49.7	0.0636	46.4	0.000937	0.000937	0.00000477	0.00846	0.0014	0.053	0.0165	0.00000501	23.7	0.0000228	0.000227
2036 May	181	0.521	0.669	0.0119	51.2	0.0645	47.6	0.000959	0.000959	0.00000489	0.00861	0.00147	0.0541	0.0179	0.00000513	25.1	0.0000234	0.000242
2036 Jun	93.7	0.2	0.264	0.0052	23.5	0.034	19.9	0.000966	0.000966	0.00000486	0.00763	0.00112	0.0268	0.015	0.00000496	16.5	0.0000235	0.00023
2036 Jul	75.7	0.14	0.196	0.00412	18.1	0.032	15.2	0.000996	0.000996	0.00000501	0.00727	0.00106	0.0224	0.013	0.00000508	13.7	0.0000216	0.0002
2036 Aug	87.3	0.171	0.242	0.00494	21.4	0.0371	18.7	0.00105	0.00105	0.00000529	0.00753	0.00115	0.0262	0.0139	0.00000538	15.2	0.0000218	0.000208
2036 Sep	123	0.295	0.409	0.00767	32.3	0.0476	31	0.00102	0.00102	0.00000517	0.00771	0.00126	0.0385	0.0145	0.00000533	18.4	0.0000222	0.000216
2036 Oct	148	0.393	0.513	0.00936	39.9	0.0563	39.5	0.000979	0.000979	0.00000497	0.00819	0.00133	0.0465	0.0153	0.00000517	21.1	0.0000228	0.000219
2036 Nov	158	0.429	0.562	0.0102	43	0.059	43.2	0.000969	0.000969	0.00000493	0.00831	0.00136	0.0501	0.0155	0.00000515	22	0.0000234	0.000221
2036 Dec	161	0.438	0.573	0.0103	43.7	0.0597	44.2	0.000966	0.000966	0.00000491	0.00833	0.00137	0.051	0.0155	0.00000514	22.3	0.0000235	0.000222
2037 Jan	161	0.438	0.573	0.0103	43.7	0.0597	44.2	0.000966	0.000966	0.00000491	0.00833	0.00137	0.051	0.0155	0.00000514	22.3	0.0000235	0.000222
2037 Feb	161	0.438	0.573	0.0104	43.7	0.0597	44.2	0.000966	0.000966	0.00000491	0.00833	0.00137	0.051	0.0155	0.00000514	22.3	0.0000235	0.000222
2037 Mar	161	0.439	0.574	0.0104	43.8	0.0598	44.2	0.000968	0.000968	0.00000492	0.00834	0.00137	0.0511	0.0155	0.00000515	22.3	0.0000236	0.000222
2037 Apr	162	0.44	0.576	0.0104	43.9	0.06	44.4	0.000971	0.000971	0.00000494	0.00837	0.00138	0.0513	0.0156	0.00000517	22.4	0.0000236	0.000223
2037 May	133	0.289	0.351	0.00657	34.8	0.0436	29.3	0.000985	0.000985	0.00000497	0.00769	0.00157	0.0338	0.0266	0.00000511	27.2	0.0000228	0.000318
2037 Jun	100	0.159	0.19	0.00384	24.4	0.0276	17.6	0.000948	0.000948	0.00000477	0.00695	0.00147	0.0215	0.0276	0.00000484	25.2	0.0000229	0.000334
2037 Jul	107	0.188	0.245	0.00483	26.3	0.0324	21.4	0.001	0.001	0.00000504	0.00732	0.00145	0.0264	0.0246	0.00000514	23.7	0.0000239	0.00031
2037 Aug	119	0.225	0.3	0.00579	29.7	0.0379	25.7	0.00104	0.00104	0.00000526	0.00752	0.00151	0.0311	0.0246	0.00000538	24.6	0.0000239	0.00031
2037 Sep	126	0.255	0.333	0.00635	31.8	0.0426	28.4	0.00105	0.00105	0.00000532	0.00777	0.00153	0.0342	0.0239	0.00000545	24.9	0.0000237	0.000304
2037 Oct	120	0.269	0.32	0.00614	31	0.047	28	0.00101	0.00101	0.00000511	0.00802	0.00142	0.0339	0.0213	0.00000525	23.1	0.000022	0.000269
2037 Nov	120	0.272	0.32	0.00614	31	0.0479	28.1	0.00101	0.00101	0.00000511	0.00809	0.00142	0.034	0.021	0.00000524	22.9	0.0000218	0.000266
2037 Dec	121	0.274	0.323	0.00619	31.2	0.048	28.3	0.00101	0.00101	0.00000511	0.0081	0.00142	0.0343	0.021	0.00000524	23	0.0000219	0.000266
2038 Jan	121	0.274	0.323	0.00619	31.2	0.048	28.3	0.00101	0.00101	0.00000511	0.0081	0.00142	0.0343	0.021	0.00000524	23	0.0000219	0.000266
2038 Feb	121	0.274	0.323	0.00619	31.2	0.048	28.3	0.00101	0.00101	0.00000511	0.0081	0.00142	0.0343	0.021	0.00000524	23	0.0000219	0.000266
2038 Mar	121	0.274	0.323	0.0062	31.2	0.048	28.3	0.00101	0.00101	0.00000511	0.0081	0.00142	0.0343	0.021	0.00000525	23	0.0000219	0.000266
2038 Apr	121	0.275	0.324	0.00622	31.3	0.0482	28.4	0.00102	0.00102	0.00000513	0.00813	0.00142	0.0344	0.0211	0.00000526	23.1	0.000022	0.000267
2038 May	118	0.245	0.279	0.00544	30.1	0.0441	25.3	0.00103	0.00103	0.00000517	0.00799	0.00151	0.0306	0.0249	0.00000529	25.2	0.0000222	0.000301
2038 Jun	79.8	0.0885	0.0763	0.00199	18.5	0.024	9.76	0.000983	0.000983	0.00000492	0.00701	0.00146	0.0137	0.0289	0.00000495	24.6	0.0000217	0.000342
2038 Jul	82.8	0.0975	0.0961	0.0024	19	0.0267	11.1	0.00106	0.00106	0.00000531	0.00761	0.00147	0.0161	0.0276	0.00000535	23.9	0.0000235	0.000338
2038 Aug	92	0.127	0.139	0.00316	21.7	0.0331	14.6	0.00111	0.00111	0.00000555	0.00776	0.00152	0.0204	0.027	0.0000056	24.4	0.0000227	0.000334
2038 Sep	99.9	0.169	0.188	0.00398	24.3	0.0389	18.6	0.00109	0.00109	0.00000546	0.00788	0.00149	0.0247	0.0251	0.00000554	23.9	0.0000218	0.000313
2038 Oct	101	0.194	0.204	0.00425	25	0.0428	20.1	0.00106	0.00106	0.00000531	0.00807	0.00143	0.0263	0.0231	0.0000054	22.9	0.0000211	0.000287
2038 Nov	103	0.201	0.212	0.00439	25.5	0.0435	20.8	0.00106	0.00106	0.00000532	0.00812	0.00144	0.027	0.023	0.00000541	23	0.0000212	0.000287
2038 Dec	103	0.202	0.214	0.00443	25.7	0.0437	21	0.00106	0.00106	0.00000532	0.00812	0.00144	0.0272	0.023	0.00000541	23	0.0000212	0.000287
2039 Jan	103	0.203	0.215	0.00444	25.7	0.0437	21.1	0.00106	0.00106	0.00000532	0.00812	0.00144	0.0273	0.023	0.00000541	23.1	0.0000212	0.000287
2039 Feb	103	0.203	0.216	0.00445	25.8	0.0437	21.1	0.00106	0.00106	0.00000532	0.00812	0.00144	0.0273	0.023	0.00000541	23.1	0.0000213	0.000287
2039 Mar	103	0.203	0.216	0.00445	25.8	0.0438	21.2	0.00106	0.00106	0.00000532	0.00813	0.00144	0.0274	0.023	0.00000541	23.1	0.0000213	0.000287
2039 Apr	104	0.204	0.217	0.00447	25.9	0.0439	21.2	0.00106	0.00106	0.00000534	0.00816	0.00144	0.0275	0.0231	0.00000543	23.2	0.0000213	0.000288
2039 May	106	0.208	0.221	0.00456	26.4	0.0447	21.7	0.00108	0.00108	0.00000544	0.0083	0.00147	0.028	0.0235	0.00000553	23.6	0.0000217	0.000294

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Jun	65.7	0.0988	0.124	0.0029	14.3	0.0282	12.1	0.000984	0.000984	0.00000494	0.00751	0.00102	0.0195	0.0137	0.00000499	13.8	0.0000228	0.00022
2039 Jul	52.3	0.062	0.0852	0.00227	11	0.0297	9.12	0.000968	0.000968	0.00000486	0.00652	0.000983	0.0157	0.0121	0.00000489	11.5	0.0000175	0.000169
2039 Aug	64.7	0.0949	0.133	0.00311	14.9	0.0405	13.9	0.00101	0.00101	0.00000509	0.00601	0.00114	0.02	0.0136	0.00000515	13.4	0.0000129	0.000151
2039 Sep	77.1	0.134	0.175	0.00383	18.2	0.0447	18.1	0.00103	0.00103	0.00000518	0.00647	0.0012	0.0245	0.0143	0.00000527	15.1	0.0000141	0.000164
2039 Oct	83.6	0.159	0.196	0.00416	20.1	0.0469	20.3	0.00102	0.00102	0.00000513	0.00681	0.00122	0.0266	0.0147	0.00000523	16	0.0000151	0.000172
2039 Nov	86	0.166	0.205	0.00432	20.7	0.0475	21.1	0.00102	0.00102	0.00000515	0.00685	0.00123	0.0275	0.0147	0.00000525	16.2	0.0000153	0.000173
2039 Dec	86.3	0.167	0.207	0.00434	20.7	0.0476	21.2	0.00102	0.00102	0.00000515	0.00685	0.00123	0.0276	0.0147	0.00000525	16.2	0.0000153	0.000173
2040 Jan	86.4	0.167	0.207	0.00435	20.8	0.0476	21.3	0.00102	0.00102	0.00000515	0.00686	0.00123	0.0277	0.0147	0.00000525	16.3	0.0000153	0.000173
2040 Feb	86.5	0.167	0.208	0.00436	20.8	0.0476	21.3	0.00102	0.00102	0.00000515	0.00686	0.00123	0.0277	0.0147	0.00000525	16.3	0.0000153	0.000173
2040 Mar	86.7	0.168	0.208	0.00437	20.8	0.0477	21.4	0.00102	0.00102	0.00000515	0.00686	0.00123	0.0278	0.0148	0.00000526	16.3	0.0000154	0.000173
2040 Apr	87	0.169	0.209	0.00439	20.9	0.0479	21.5	0.00103	0.00103	0.00000517	0.00689	0.00124	0.0279	0.0148	0.00000527	16.4	0.0000154	0.000174
2040 May	89.7	0.163	0.196	0.00416	21.5	0.0457	20.7	0.00104	0.00104	0.00000523	0.00697	0.00132	0.0266	0.018	0.00000532	18.6	0.0000164	0.000207
2040 Jun	60.1	0.0482	0.035	0.00134	12.9	0.0219	6	0.000968	0.000968	0.00000484	0.00688	0.00123	0.0111	0.0224	0.00000486	18.9	0.0000208	0.000284
2040 Jul	67.2	0.0742	0.0843	0.00222	14.4	0.0261	10.2	0.00101	0.00101	0.00000505	0.00724	0.0012	0.0162	0.0196	0.00000509	17.6	0.0000221	0.000263
2040 Aug	79.5	0.11	0.138	0.00316	17.8	0.0332	15.4	0.00104	0.00104	0.00000521	0.00722	0.00127	0.0217	0.0193	0.00000528	18.5	0.000021	0.000254
2040 Sep	90.3	0.148	0.183	0.00391	20.8	0.0394	19.9	0.00103	0.00103	0.00000521	0.00727	0.0013	0.0268	0.0188	0.0000053	19.3	0.0000199	0.00025
2040 Oct	91.2	0.16	0.184	0.00394	21.3	0.0417	20.3	0.00103	0.00103	0.0000052	0.00751	0.0013	0.0271	0.0187	0.00000529	19.4	0.0000198	0.000246
2040 Nov	93.4	0.166	0.193	0.00408	21.8	0.0424	21.2	0.00104	0.00104	0.00000522	0.00757	0.00131	0.028	0.0187	0.00000531	19.7	0.00002	0.000247
2040 Dec	93.8	0.167	0.195	0.00411	21.9	0.0425	21.3	0.00104	0.00104	0.00000522	0.00757	0.00131	0.0282	0.0187	0.00000532	19.7	0.0000201	0.000247
2041 Jan	94.1	0.168	0.195	0.00412	22	0.0425	21.4	0.00104	0.00104	0.00000522	0.00757	0.00131	0.0283	0.0187	0.00000532	19.7	0.0000201	0.000247
2041 Feb	94.1	0.168	0.196	0.00413	22	0.0426	21.5	0.00104	0.00104	0.00000522	0.00758	0.00131	0.0283	0.0187	0.00000532	19.7	0.0000201	0.000247
2041 Mar	94.3	0.168	0.196	0.00413	22	0.0426	21.5	0.00104	0.00104	0.00000522	0.00758	0.00131	0.0283	0.0187	0.00000532	19.7	0.0000201	0.000247
2041 Apr	94.6	0.169	0.197	0.00415	22.1	0.0427	21.6	0.00104	0.00104	0.00000524	0.0076	0.00132	0.0284	0.0188	0.00000534	19.8	0.0000202	0.000248
2041 May	106	0.196	0.238	0.00482	24.9	0.0448	25.7	0.00105	0.00105	0.00000527	0.00772	0.00139	0.0324	0.0198	0.00000539	21.4	0.0000213	0.000261
2041 Jun	60	0.0753	0.0918	0.00237	12.4	0.0273	10.6	0.000983	0.000983	0.00000493	0.00734	0.00101	0.0179	0.0137	0.00000497	13.4	0.000022	0.000216
2041 Jul	43.1	0.0334	0.0419	0.00155	8.17	0.0249	5.66	0.000962	0.000962	0.00000482	0.00677	0.000914	0.0127	0.0115	0.00000484	10.5	0.0000192	0.000179
2041 Aug	56.2	0.0643	0.0847	0.00231	11.5	0.0315	10.3	0.00102	0.00102	0.00000509	0.00696	0.00103	0.0177	0.0126	0.00000514	12.4	0.0000188	0.000187
2041 Sep	72.5	0.111	0.141	0.00325	15.8	0.038	16.5	0.00102	0.00102	0.00000514	0.00715	0.00111	0.0241	0.0134	0.00000521	14.5	0.0000189	0.000197
2041 Oct	80.3	0.142	0.164	0.00361	18	0.0419	19.3	0.00101	0.00101	0.00000509	0.00747	0.00115	0.0267	0.0141	0.00000518	15.7	0.0000191	0.000201
2041 Nov	83.1	0.15	0.173	0.00378	18.7	0.0429	20.3	0.00101	0.00101	0.00000511	0.00754	0.00116	0.0277	0.0142	0.0000052	16.1	0.0000194	0.000202
2041 Dec	83.9	0.152	0.176	0.00383	18.8	0.0431	20.7	0.00101	0.00101	0.00000511	0.00755	0.00116	0.0281	0.0142	0.00000521	16.2	0.0000194	0.000203
2042 Jan	84.1	0.152	0.177	0.00384	18.9	0.0431	20.7	0.00102	0.00102	0.00000511	0.00756	0.00116	0.0282	0.0142	0.00000521	16.2	0.0000195	0.000203
2042 Feb	84.2	0.153	0.177	0.00384	18.9	0.0432	20.8	0.00102	0.00102	0.00000511	0.00756	0.00116	0.0282	0.0142	0.00000521	16.2	0.0000195	0.000203
2042 Mar	84.3	0.153	0.178	0.00385	18.9	0.0432	20.8	0.00102	0.00102	0.00000511	0.00756	0.00117	0.0282	0.0142	0.00000521	16.2	0.0000195	0.000203
2042 Apr	85.2	0.155	0.18	0.0039	19.1	0.0435	21.1	0.00102	0.00102	0.00000515	0.00761	0.00117	0.0285	0.0143	0.00000525	16.3	0.0000196	0.000204
2042 May	89.2	0.16	0.186	0.004	20.1	0.044	21.8	0.00104	0.00104	0.00000526	0.00776	0.00123	0.0292	0.0158	0.00000536	17.6	0.0000203	0.000219
2042 Jun	54.9	0.0625	0.0688	0.00201	11	0.0276	8.92	0.000993	0.000993	0.00000498	0.00737	0.000999	0.0163	0.0134	0.00000501	12.9	0.0000213	0.00021
2042 Jul	51.2	0.0517	0.0674	0.00199	10.1	0.0286	8.76	0.00099	0.00099	0.00000496	0.00689	0.000984	0.0158	0.0122	0.000005	11.7	0.0000192	0.000182
2042 Aug	65.4	0.093	0.11	0.00269	14.5	0.0403	14.3	0.000976	0.000976	0.0000049	0.00622	0.00109	0.0218	0.0135	0.00000497	14.2	0.0000132	0.000183
2042 Sep	72.4	0.119	0.123	0.00291	16.7	0.0454	16.5	0.000975	0.000975	0.0000049	0.00642	0.00113	0.0244	0.0144	0.00000497	15.8	0.0000122	0.000194
2042 Oct	77	0.142	0.133	0.00307	17.9	0.0473	18.1	0.000967	0.000967	0.00000487	0.00695	0.00115	0.0255	0.0149	0.00000495	16.6	0.0000137	0.000197
2042 Nov	80.3	0.15	0.144	0.00327	18.7	0.0483	19.4	0.00097	0.00097	0.00000488	0.00701	0.00117	0.0269	0.015	0.00000497	17	0.0000141	0.000198
2042 Dec	80.9	0.152	0.147	0.0033	18.8	0.0484	19.7	0.00097	0.00097	0.00000488	0.00702	0.00117	0.0272	0.015	0.00000497	17	0.0000141	0.000199
2043 Jan	81.2	0.153	0.148	0.00332	18.9	0.0485	19.8	0.00097	0.00097	0.00000488	0.00702	0.00117	0.0273	0.015	0.00000497	17	0.0000141	0.000199
2043 Feb	81.2	0.153	0.148	0.00332	18.9	0.0485	19.8	0.00097	0.00097	0.00000489	0.00702	0.00117	0.0273	0.015	0.00000497	17	0.0000141	0.000199
2043 Mar	81.2	0.153	0.148	0.00332	18.9	0.0485	19.8	0.000971	0.000971	0.00000489	0.00703	0.00117	0.0273	0.015	0.00000498	17	0.0000141	0.000199
2043 Apr	81.7	0.154	0.149	0.00334	19	0.0488	19.9	0.000977	0.000977	0.00000492	0.00707	0.00118	0.0275	0.0151	0.00000501	17.1	0.0000142	0.0002
2043 May	84.8	0.151	0.143	0.00324	19.7	0.0474	19.5	0.001	0.001	0.00000503	0.00719	0.00126	0.0266	0.0179	0.00000512	19.1	0.0000152	0.000228
2043 Jun	63.4	0.0533	0.0342	0.00133	13.7	0.0233	6.68	0.000978	0.000978	0.00000489	0.00696	0.00128	0.0117	0.0238	0.00000491	20.1	0.0000207	0.000297
2043 Jul	68.1	0.067	0.0657	0.00193	14.3	0.028	10.1	0.00104	0.00104	0.0000052	0.00734	0.00128	0.0161	0.0213	0.00000524	18.9	0.0000216	0.000276
2043 Aug	79.2	0.0941	0.103	0.0026	17	0.0347	14.8	0.00108	0.00108	0.00000542	0.0075	0.00135	0.0214	0.0213	0.00000548	20.1	0.0000211	0.000277
2043 Sep	91	0.132	0.15	0.00337	19.8	0.0414	20.6	0.00106	0.00106	0.00000535	0.0075	0.00136	0.0277	0.0203	0.00000544	20.8	0.0000201	0.000267
2043 Oct	90.6	0.153	0.149	0.00336	20.2	0.0451	21.2	0.00104	0.00104	0.00000521	0.00784	0.00132	0.0281	0.0193	0.00000531	20.3	0.0000196	0.00025
2043 Nov	85.1	0.155	0.129	0.00303	19.3	0.0463	19.3	0.00102	0.00102	0.00000512	0.00803	0.00128	0.026	0.0186	0.00000521	19.5	0.0000188	0.000237
2043 Dec	85.3	0.155	0.13	0.00304	19.3	0.0463	19.3	0.00102	0.00102	0.00000512	0.00803	0.00128	0.0261	0.0186	0.00000521	19.6	0.0000188	0.000237
2044 Jan	85.3	0.155	0.13	0.00305	19.4	0.0463	19.4	0.00102	0.00102	0.00000512	0.00803	0.00128	0.0261	0.0186	0.00000521	19.6	0.0000188	0.000237
2044 Feb	85.4	0.155	0.13	0.00305	19.4	0.0464	19.4	0.00102	0.00102	0.00000513	0.00804	0.00128	0.0261	0.0186	0.00000521	19.6	0.0000188	0.000237
2044 Mar	85.5	0.155	0.13	0.00305	19.4	0.0464	19.4	0.00102	0.00102	0.00000513	0.00805	0.00128	0.0261	0.0187	0.00000522	19.6	0.0000188	0.000237
2044 Apr	85.7	0.156	0.131	0.00306	19.4	0.0466	19.5	0.00102	0.00102	0.00000515	0.00807	0.00129	0.0262	0.0187	0.00000523	19.6	0.0000189	0.000238
2044 May	87.6	0.158	0.133	0.0031	19.9	0.0472	19.8	0.00104	0.00104	0.00000525	0.00821	0.00132	0.0266	0.0193	0.00000533	20.2	0.0000193	0.000245
2044 Jun	48.6	0.0426	0.0385	0.00147	9.3	0.0238	6.4	0.00096	0.00096	0.00000481	0.0072	0.000965	0.0134	0.0138	0.00000483	12.7	0.0000213	0.000215
2044 Jul	48.4	0.038	0.0421	0.00159	8.84	0.0247	6.71	0.00102	0.00102	0.00000509	0.00753	0.00097	0.0144	0.0128	0.00000511	11.9	0.0000225	0.00021
2044 Aug	55.9	0.0511	0.0579	0.00191	10.6	0.0294	8.99	0.00109	0.00109	0.00000545	0.00791	0.00107	0.0173	0.0139	0.00000548	13.4	0.0000229	0.000223
2044 Sep	62.7	0.0847	0.0738	0.00214	13.2	0.0378	11.9	0.00103	0.00103	0.00000518	0.00747	0.0011	0.02	0.0146	0.00000523	14.9	0.0000181	0.000214
2044 Oct	68.5	0.112	0.0874	0.00235	14.9	0.0418	14.3	0.00101	0.00101	0.00000508	0.00776	0.00113	0.0219	0.0152	0.00000514	15.9	0.000018	0.000211
2044 Nov	70.1	0.119	0.0912	0.00242	15.4	0.0427	14.9	0.00101	0.00101	0.00000508	0.00784	0.00114	0.0225	0.0153	0.00000514	16.2	0.000018	0.000212
2044 Dec	70.6	0.12	0.0929	0.00244	15.5	0.0429	15.2	0.00101	0.00101	0.00000508	0.00784	0.00114	0.0227	0.0153	0.00000514	16.3	0.0000181	0.000212

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Jan	70.7	0.12	0.0932	0.00245	15.5	0.0429	15.2	0.00101	0.00101	0.00000508	0.00784	0.00114	0.0228	0.0153	0.00000514	16.3	0.0000181	0.000212
2045 Feb	70.7	0.12	0.0933	0.00245	15.5	0.0429	15.2	0.00101	0.00101	0.00000508	0.00785	0.00114	0.0228	0.0153	0.00000514	16.3	0.0000181	0.000212
2045 Mar	70.8	0.12	0.0934	0.00245	15.5	0.0429	15.2	0.00101	0.00101	0.00000508	0.00785	0.00114	0.0228	0.0154	0.00000515	16.3	0.0000181	0.000212
2045 Apr	71	0.12	0.0936	0.00246	15.5	0.0431	15.3	0.00101	0.00101	0.0000051	0.00787	0.00114	0.0228	0.0154	0.00000516	16.3	0.0000182	0.000213
2045 May	72.3	0.123	0.0953	0.0025	15.8	0.0438	15.6	0.00103	0.00103	0.00000519	0.00802	0.00117	0.0233	0.0157	0.00000525	16.6	0.0000185	0.000217
2045 Jun	59.3	0.0732	0.0773	0.00215	11.4	0.0305	12.2	0.000982	0.000982	0.00000493	0.00755	0.000988	0.0199	0.0124	0.00000498	13	0.0000218	0.000205
2045 Jul	49.7	0.0411	0.0483	0.0017	8.87	0.0264	8.09	0.00102	0.00102	0.0000051	0.00752	0.000963	0.016	0.012	0.00000514	11.6	0.0000223	0.000201
2045 Aug	55.9	0.053	0.0609	0.00195	10.4	0.0313	10.3	0.00106	0.00106	0.0000053	0.00757	0.00104	0.0185	0.0129	0.00000534	12.9	0.0000212	0.000207
2045 Sep	62	0.0731	0.0737	0.00216	12.2	0.0361	12.7	0.00105	0.00105	0.00000526	0.00754	0.00108	0.0209	0.0136	0.00000532	14.1	0.0000196	0.000209
2045 Oct	68.6	0.0898	0.0916	0.00245	13.5	0.0387	15.6	0.00105	0.00105	0.00000528	0.0077	0.00112	0.0237	0.0139	0.00000535	15	0.0000201	0.000212
2045 Nov	70.2	0.093	0.0964	0.00253	13.8	0.0392	16.3	0.00105	0.00105	0.00000529	0.00774	0.00113	0.0245	0.014	0.00000536	15.2	0.0000203	0.000213
2045 Dec	70.9	0.0943	0.0985	0.00257	14	0.0394	16.6	0.00105	0.00105	0.00000529	0.00775	0.00113	0.0248	0.014	0.00000537	15.3	0.0000204	0.000214
2046 Jan	71	0.0946	0.0988	0.00258	14	0.0394	16.7	0.00105	0.00105	0.00000529	0.00775	0.00113	0.0249	0.014	0.00000537	15.3	0.0000204	0.000214
2046 Feb	71	0.0946	0.0988	0.00258	14	0.0394	16.7	0.00105	0.00105	0.00000529	0.00775	0.00113	0.0249	0.014	0.00000537	15.3	0.0000204	0.000214
2046 Mar	71.1	0.0947	0.099	0.00258	14	0.0395	16.7	0.00105	0.00105	0.0000053	0.00776	0.00113	0.0249	0.014	0.00000538	15.3	0.0000204	0.000214
2046 Apr	71.7	0.0955	0.0999	0.0026	14.1	0.0397	16.8	0.00106	0.00106	0.00000533	0.00781	0.00114	0.0251	0.0141	0.00000541	15.4	0.0000206	0.000215
2046 May	74.5	0.0987	0.103	0.00266	14.7	0.0403	17.4	0.00108	0.00108	0.00000542	0.00793	0.00118	0.0256	0.015	0.0000055	16.2	0.0000211	0.000225
2046 Jun	52.4	0.0465	0.0502	0.00169	9.58	0.0262	8.9	0.000985	0.000985	0.00000494	0.00735	0.000978	0.0164	0.013	0.00000498	12.6	0.0000219	0.000211
2046 Jul	39.4	0.0188	0.0198	0.0012	6.91	0.0242	4.23	0.000982	0.000982	0.00000492	0.00692	0.000913	0.0115	0.0116	0.00000493	10.3	0.0000195	0.000183
2046 Aug	47.7	0.0347	0.0376	0.00153	8.84	0.03	7.41	0.00102	0.00102	0.00000513	0.007	0.001	0.015	0.0126	0.00000516	11.9	0.0000185	0.000189
2046 Sep	61.2	0.0768	0.0677	0.00201	12.3	0.0387	13.1	0.000995	0.000995	0.000005	0.007	0.00108	0.0208	0.0137	0.00000505	14.3	0.0000163	0.000195
2046 Oct	70	0.111	0.0849	0.00229	14.5	0.0435	16.7	0.000977	0.000977	0.00000491	0.00746	0.00112	0.0239	0.0146	0.00000499	15.9	0.0000169	0.000198
2046 Nov	75.6	0.124	0.0997	0.00253	15.6	0.0454	19.3	0.000975	0.000975	0.00000491	0.00757	0.00115	0.0264	0.0148	0.00000499	16.6	0.0000175	0.000201
2046 Dec	76.6	0.125	0.103	0.00258	15.7	0.0457	19.8	0.000975	0.000975	0.00000491	0.00758	0.00115	0.0269	0.0148	0.000005	16.7	0.0000176	0.000201
2047 Jan	76.7	0.126	0.103	0.00259	15.8	0.0457	19.9	0.000975	0.000975	0.00000491	0.00759	0.00115	0.027	0.0148	0.000005	16.7	0.0000176	0.000201
2047 Feb	76.7	0.126	0.103	0.00259	15.8	0.0457	19.9	0.000975	0.000975	0.00000491	0.00759	0.00115	0.027	0.0148	0.000005	16.7	0.0000176	0.000201
2047 Mar	76.9	0.126	0.103	0.00259	15.8	0.0458	19.9	0.000977	0.000977	0.00000492	0.00761	0.00115	0.0271	0.0148	0.00000501	16.7	0.0000176	0.000202
2047 Apr	77.2	0.126	0.104	0.0026	15.8	0.046	20	0.00098	0.00098	0.00000493	0.00763	0.00116	0.0272	0.0149	0.00000503	16.8	0.0000177	0.000202
2047 May	81.7	0.123	0.099	0.00249	17.1	0.0432	19.4	0.00099	0.00099	0.00000498	0.00757	0.00127	0.0257	0.0188	0.00000507	19.6	0.0000186	0.00024
2047 Jun	72.1	0.0611	0.0377	0.00135	15.5	0.0237	8.76	0.000977	0.000977	0.00000489	0.00696	0.0014	0.013	0.0274	0.00000492	23.2	0.0000213	0.000328
2047 Jul	71.1	0.0591	0.0444	0.00155	14.7	0.0264	9.78	0.00104	0.00104	0.00000523	0.00743	0.00137	0.0151	0.0248	0.00000526	21.5	0.0000225	0.00031
2047 Aug	76.8	0.0696	0.0573	0.00182	15.8	0.0312	12.3	0.00109	0.00109	0.00000547	0.00764	0.00143	0.0182	0.0249	0.00000551	22.2	0.0000222	0.000312
2047 Sep	79.5	0.0944	0.0747	0.0021	16.5	0.0386	15.9	0.00105	0.00105	0.00000526	0.00752	0.00136	0.0225	0.0219	0.00000532	21.1	0.0000194	0.000278
2047 Oct	83.2	0.122	0.0895	0.00234	17.3	0.0436	19.3	0.00101	0.00101	0.00000508	0.0078	0.00132	0.0257	0.0201	0.00000516	20.6	0.0000192	0.000255
2047 Nov	85.3	0.13	0.0958	0.00245	17.6	0.0451	20.6	0.001	0.001	0.00000505	0.00788	0.00131	0.027	0.0198	0.00000514	20.7	0.0000193	0.000251
2047 Dec	86.2	0.131	0.098	0.00249	17.8	0.0453	21	0.001	0.001	0.00000505	0.00789	0.00132	0.0274	0.0198	0.00000515	20.7	0.0000194	0.000251
2048 Jan	86.5	0.132	0.0988	0.0025	17.8	0.0454	21.2	0.001	0.001	0.00000505	0.0079	0.00132	0.0276	0.0198	0.00000515	20.8	0.0000194	0.000251
2048 Feb	86.5	0.132	0.0988	0.0025	17.8	0.0454	21.2	0.001	0.001	0.00000506	0.0079	0.00132	0.0276	0.0198	0.00000515	20.8	0.0000194	0.000251
2048 Mar	86.5	0.132	0.0988	0.0025	17.8	0.0454	21.2	0.001	0.001	0.00000506	0.0079	0.00132	0.0276	0.0198	0.00000515	20.8	0.0000194	0.000251
2048 Apr	87	0.132	0.0992	0.00251	18	0.0456	21.3	0.00101	0.00101	0.00000508	0.00793	0.00133	0.0277	0.02	0.00000517	20.9	0.0000195	0.000253
2048 May	88.9	0.135	0.101	0.00256	18.3	0.0465	21.7	0.00103	0.00103	0.00000518	0.00809	0.00136	0.0282	0.0205	0.00000528	21.4	0.0000199	0.000259
2048 Jun	53	0.0523	0.0398	0.00152	9.93	0.0283	8.82	0.000979	0.000979	0.00000491	0.00744	0.00101	0.0161	0.014	0.00000494	13.4	0.000021	0.000214
2048 Jul	39.7	0.018	0.0167	0.00117	6.88	0.0245	4.12	0.001	0.001	0.000005	0.00708	0.000927	0.0115	0.0119	0.00000501	10.5	0.00002	0.000187
2048 Aug	51.4	0.0416	0.0411	0.00159	9.64	0.0338	9.39	0.00102	0.00102	0.00000509	0.00676	0.00104	0.017	0.0131	0.00000513	12.7	0.0000165	0.000188
2048 Sep	64.4	0.0725	0.0681	0.00203	12.3	0.0406	15.2	0.00101	0.00101	0.00000505	0.00685	0.00111	0.0231	0.0138	0.00000512	14.8	0.0000158	0.000196
2048 Oct	71.3	0.0975	0.0804	0.00222	13.9	0.0441	18.3	0.000989	0.000989	0.00000498	0.00722	0.00114	0.0258	0.0144	0.00000506	16	0.0000165	0.000199
2048 Nov	73.2	0.105	0.0829	0.00226	14.4	0.0453	19	0.000989	0.000989	0.00000498	0.00738	0.00115	0.0264	0.0147	0.00000506	16.4	0.0000168	0.0002
2048 Dec	73.5	0.106	0.0835	0.00227	14.4	0.0454	19.1	0.000989	0.000989	0.00000498	0.00738	0.00116	0.0265	0.0147	0.00000506	16.5	0.0000168	0.0002
2049 Jan	73.5	0.106	0.0835	0.00227	14.4	0.0454	19.2	0.000989	0.000989	0.00000498	0.00738	0.00116	0.0265	0.0147	0.00000506	16.5	0.0000168	0.0002
2049 Feb	73.5	0.106	0.0835	0.00227	14.4	0.0454	19.2	0.000989	0.000989	0.00000498	0.00738	0.00116	0.0265	0.0147	0.00000507	16.5	0.0000168	0.0002
2049 Mar	73.6	0.106	0.0836	0.00228	14.4	0.0454	19.2	0.00099	0.00099	0.00000498	0.00739	0.00116	0.0265	0.0147	0.00000507	16.5	0.0000169	0.000201
2049 Apr	73.9	0.106	0.084	0.00229	14.5	0.0457	19.3	0.000995	0.000995	0.00000501	0.00743	0.00116	0.0267	0.0148	0.00000509	16.6	0.0000169	0.000202
2049 May	75.8	0.108	0.0848	0.00231	14.9	0.046	19.5	0.00101	0.00101	0.0000051	0.00755	0.0012	0.0269	0.0156	0.00000519	17.2	0.0000174	0.00021
2049 Jun	45.4	0.033	0.0258	0.00128	8.1	0.0249	6.21	0.000967	0.000967	0.00000484	0.00719	0.000935	0.0136	0.0126	0.00000486	11.8	0.0000208	0.000203
2049 Jul	44.2	0.0252	0.0274	0.00133	7.48	0.0254	6.49	0.000993	0.000993	0.00000498	0.00714	0.000939	0.014	0.0118	0.000005	11	0.0000207	0.000191
2049 Aug	52.1	0.0358	0.0402	0.00161	8.96	0.0303	9.41	0.00106	0.00106	0.00000531	0.00748	0.00104	0.0173	0.0129	0.00000535	12.5	0.000021	0.000202
2049 Sep	61.5	0.0695	0.055	0.00183	11.5	0.0378	13.5	0.00103	0.00103	0.00000515	0.00751	0.0011	0.0212	0.014	0.00000521	14.5	0.0000189	0.000203
2049 Oct	67.7	0.097	0.0635	0.00195	13.2	0.0424	16.1	0.000999	0.000999	0.00000502	0.00779	0.00113	0.0234	0.0147	0.00000509	15.8	0.0000185	0.000203
2049 Nov	74	0.109	0.0771	0.00217	14.1	0.0447	19.3	0.000994	0.000994	0.000005	0.00789	0.00116	0.0265	0.0149	0.00000509	16.6	0.0000191	0.000205
2049 Dec	74.8	0.11	0.079	0.0022	14.3	0.0449	19.7	0.000994	0.000994	0.000005	0.0079	0.00116	0.0269	0.0149	0.00000509	16.7	0.0000191	0.000206
2050 Jan	74.8	0.11	0.0791	0.00221	14.3	0.0449	19.8	0.000995	0.000995	0.00000501	0.0079	0.00116	0.0269	0.0149	0.0000051	16.7	0.0000192	0.000206
2050 Feb	74.8	0.11	0.0791	0.00221	14.3	0.0449	19.8	0.000995	0.000995	0.00000501	0.0079	0.00116	0.0269	0.0149	0.0000051	16.7	0.0000192	0.000206
2050 Mar	74.9	0.11	0.0792	0.00221	14.3	0.045	19.8	0.000995	0.000995	0.00000501	0.0079	0.00116	0.0269	0.0149	0.0000051	16.7	0.0000192	0.000206
2050 Apr	75.1	0.111	0.0794	0.00221	14.3	0.0451	19.8	0.000998	0.000998	0.00000502	0.00793	0.00116	0.027	0.015	0.00000512	16.8	0.0000192	0.000207
2050 May	76.6	0.112	0.0803	0.00224	14.6	0.0456	20.1	0.00101	0.00101	0.00000511	0.00804	0.00119	0.0273	0.0155	0.0000052	17.3	0.0000196	0.000213
2050 Jun	49.9	0.0394	0.0262	0.00127	9.26	0.0253	6.84	0.000973	0.000973	0.00000487	0.00729	0.00101	0.0138	0.0149	0.0000049	13.6	0.0000211	0.000222
2050 Jul	41.6	0.0216	0.0203	0.0012	7.32	0.0261	5.45	0.000973	0.000973	0.00000487	0.00672	0.000946	0.0123	0.0123	0.00000489	11	0.0000184	0.00018

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Aug	48.5	0.0308	0.0328	0.00145	8.63	0.0316	8.59	0.00102	0.00102	0.00000509	0.00674	0.00104	0.0155	0.0131	0.00000512	12.3	0.0000173	0.000178
2050 Sep	56.2	0.0542	0.0439	0.00163	10.5	0.0369	11.7	0.00101	0.00101	0.00000507	0.00694	0.00109	0.0188	0.0139	0.00000512	13.8	0.0000167	0.000186
2050 Oct	61.4	0.0657	0.0531	0.00179	11.4	0.0392	14.1	0.00102	0.00102	0.0000051	0.00715	0.00112	0.0212	0.0142	0.00000516	14.6	0.0000172	0.000191
2050 Nov	64.4	0.07	0.0595	0.0019	11.8	0.0402	15.6	0.00102	0.00102	0.00000512	0.0072	0.00113	0.0228	0.0143	0.00000519	15	0.0000176	0.000193
2050 Dec	64.9	0.0706	0.0605	0.00191	11.8	0.0403	15.9	0.00102	0.00102	0.00000512	0.00721	0.00114	0.023	0.0143	0.00000519	15	0.0000177	0.000193
2051 Jan	65.1	0.0709	0.061	0.00192	11.9	0.0404	16	0.00102	0.00102	0.00000512	0.00721	0.00114	0.0231	0.0143	0.00000519	15.1	0.0000177	0.000193
2051 Feb	65.1	0.071	0.0611	0.00192	11.9	0.0404	16	0.00102	0.00102	0.00000512	0.00721	0.00114	0.0232	0.0143	0.00000519	15.1	0.0000177	0.000193
2051 Mar	65.2	0.071	0.0611	0.00193	11.9	0.0404	16	0.00102	0.00102	0.00000512	0.00721	0.00114	0.0232	0.0143	0.0000052	15.1	0.0000177	0.000193
2051 Apr	65.5	0.0714	0.0614	0.00194	11.9	0.0406	16.1	0.00102	0.00102	0.00000515	0.00725	0.00114	0.0233	0.0144	0.00000522	15.2	0.0000178	0.000194
2051 May	72.2	0.078	0.0687	0.00205	13.2	0.0412	18	0.00104	0.00104	0.00000522	0.00737	0.00122	0.0249	0.0163	0.0000053	17	0.0000187	0.000215
2051 Jun	49.7	0.0299	0.024	0.0012	8.96	0.022	6.57	0.000948	0.000948	0.00000475	0.00699	0.00101	0.0131	0.0156	0.00000477	13.9	0.0000215	0.00023
2051 Jul	45.8	0.0235	0.0228	0.00124	7.72	0.0237	6.35	0.00099	0.00099	0.00000496	0.00723	0.000965	0.0137	0.0131	0.00000498	12	0.0000217	0.000208
2051 Aug	50.5	0.035	0.0284	0.00136	9.29	0.0323	8.55	0.00101	0.00101	0.00000504	0.00675	0.00104	0.0161	0.0139	0.00000508	13.2	0.0000168	0.000199
2051 Sep	55.5	0.0643	0.0317	0.00141	11	0.0382	10.4	0.000987	0.000987	0.00000495	0.00708	0.00108	0.0177	0.0147	0.00000499	14.6	0.0000156	0.000199
2051 Oct	59.9	0.102	0.0322	0.0014	12.8	0.0437	11.8	0.000959	0.000959	0.00000481	0.00777	0.0011	0.0184	0.0157	0.00000485	15.9	0.0000157	0.000197
2051 Nov	62.8	0.107	0.0367	0.00148	13.2	0.0449	13.2	0.000961	0.000961	0.00000482	0.00788	0.00112	0.0198	0.0159	0.00000487	16.3	0.0000161	0.000198
2051 Dec	63.5	0.108	0.0382	0.00151	13.3	0.0452	13.6	0.000961	0.000961	0.00000482	0.00789	0.00112	0.0202	0.0159	0.00000488	16.4	0.0000162	0.000199
2052 Jan	63.6	0.108	0.0383	0.00151	13.3	0.0452	13.6	0.000961	0.000961	0.00000482	0.00789	0.00112	0.0202	0.0159	0.00000488	16.4	0.0000162	0.000199
2052 Feb	63.6	0.108	0.0383	0.00151	13.3	0.0452	13.6	0.000961	0.000961	0.00000483	0.00789	0.00112	0.0202	0.0159	0.00000488	16.4	0.0000162	0.000199
2052 Mar	63.7	0.109	0.0383	0.00151	13.4	0.0453	13.7	0.000963	0.000963	0.00000483	0.0079	0.00112	0.0203	0.0159	0.00000488	16.4	0.0000162	0.000199
2052 Apr	63.8	0.109	0.0385	0.00151	13.4	0.0454	13.7	0.000965	0.000965	0.00000485	0.00792	0.00113	0.0203	0.0159	0.0000049	16.5	0.0000162	0.0002
2052 May	69.8	0.103	0.0369	0.00145	15	0.0413	12.9	0.000981	0.000981	0.00000492	0.00778	0.00127	0.0186	0.0209	0.00000497	19.9	0.0000174	0.000248
2052 Jun	64	0.0539	0.0233	0.00116	13.4	0.0253	7.45	0.000987	0.000987	0.00000494	0.00722	0.00129	0.0125	0.0239	0.00000496	20.4	0.000021	0.000296
2052 Jul	56.8	0.0405	0.0274	0.0013	11.2	0.0317	8.85	0.00101	0.00101	0.00000504	0.00659	0.00121	0.0143	0.0189	0.00000507	16.6	0.0000167	0.000221
2052 Aug	59	0.045	0.0323	0.00142	11.6	0.0366	10.6	0.00103	0.00103	0.00000515	0.00647	0.00123	0.0166	0.0183	0.00000519	16.6	0.0000147	0.000212
2052 Sep	62.6	0.0635	0.0372	0.0015	12.4	0.0409	12.6	0.00101	0.00101	0.00000508	0.00672	0.00122	0.0192	0.0176	0.00000513	17	0.0000141	0.00021
2052 Oct	68.7	0.0814	0.0467	0.00166	13.4	0.0441	15.9	0.001	0.001	0.00000505	0.00709	0.00123	0.0224	0.0175	0.00000512	17.7	0.0000152	0.000211
2052 Nov	70.5	0.0836	0.0498	0.00171	13.6	0.0447	16.9	0.00101	0.00101	0.00000506	0.00713	0.00124	0.0234	0.0176	0.00000514	17.9	0.0000154	0.000213
2052 Dec	71.4	0.0847	0.0514	0.00174	13.7	0.045	17.4	0.00101	0.00101	0.00000506	0.00714	0.00125	0.0239	0.0176	0.00000514	18	0.0000155	0.000213
2053 Jan	71.7	0.0849	0.0518	0.00174	13.7	0.0451	17.5	0.00101	0.00101	0.00000506	0.00714	0.00125	0.024	0.0176	0.00000514	18.1	0.0000156	0.000213
2053 Feb	71.7	0.085	0.0519	0.00175	13.7	0.0451	17.5	0.00101	0.00101	0.00000507	0.00714	0.00125	0.0241	0.0176	0.00000514	18.1	0.0000156	0.000213
2053 Mar	71.9	0.0852	0.052	0.00175	13.7	0.0452	17.6	0.00101	0.00101	0.00000508	0.00716	0.00125	0.0241	0.0176	0.00000515	18.1	0.0000156	0.000214
2053 Apr	72.3	0.0857	0.0523	0.00176	13.8	0.0455	17.7	0.00102	0.00102	0.0000051	0.0072	0.00126	0.0242	0.0177	0.00000518	18.2	0.0000157	0.000215
2053 May	88.5	0.0907	0.0587	0.00177	17.5	0.0394	19.4	0.00101	0.00101	0.00000507	0.00712	0.00151	0.0241	0.0264	0.00000515	24.9	0.0000189	0.000304
2053 Jun	70.5	0.0515	0.0266	0.00114	14.8	0.0223	8.55	0.000954	0.000954	0.00000478	0.00673	0.00139	0.0125	0.0275	0.0000048	23.2	0.000021	0.000328
2053 Jul	68.7	0.0474	0.0304	0.00129	13.5	0.025	9.9	0.00101	0.00101	0.00000505	0.00718	0.00134	0.015	0.0243	0.00000508	21.1	0.0000222	0.000305
2053 Aug	76.7	0.0573	0.0426	0.00154	14.5	0.0316	14.4	0.00105	0.00105	0.00000528	0.00736	0.0014	0.0202	0.024	0.00000533	22	0.0000217	0.000303
2053 Sep	93.3	0.0762	0.0679	0.00198	16.2	0.0385	23.5	0.00107	0.00107	0.0000054	0.00767	0.0015	0.0296	0.0242	0.0000055	24.1	0.0000233	0.000311
2053 Oct	102	0.0893	0.0822	0.00222	17	0.0424	28.8	0.00107	0.00107	0.00000538	0.00784	0.00153	0.035	0.0239	0.00000552	25	0.0000242	0.000311
2053 Nov	102	0.0924	0.082	0.00222	17	0.0432	29	0.00106	0.00106	0.00000536	0.00788	0.00152	0.0351	0.0236	0.0000055	24.9	0.000024	0.000306
2053 Dec	103	0.0929	0.0828	0.00223	17.1	0.0434	29.2	0.00106	0.00106	0.00000536	0.00789	0.00152	0.0354	0.0236	0.0000055	24.9	0.0000241	0.000307
2054 Jan	103	0.093	0.083	0.00223	17.1	0.0434	29.3	0.00106	0.00106	0.00000536	0.00789	0.00152	0.0355	0.0236	0.0000055	24.9	0.0000241	0.000307
2054 Feb	103	0.0931	0.083	0.00224	17.1	0.0434	29.3	0.00106	0.00106	0.00000536	0.00789	0.00152	0.0355	0.0236	0.0000055	24.9	0.0000241	0.000307
2054 Mar	103	0.0931	0.083	0.00224	17.1	0.0434	29.3	0.00106	0.00106	0.00000536	0.00789	0.00152	0.0355	0.0236	0.0000055	24.9	0.0000241	0.000307
2054 Apr	103	0.0935	0.0834	0.00225	17.2	0.0436	29.5	0.00107	0.00107	0.00000539	0.00793	0.00153	0.0357	0.0237	0.00000553	25.1	0.0000242	0.000308
2054 May	103	0.0924	0.0782	0.00214	17.9	0.0416	27.5	0.00107	0.00107	0.00000542	0.0079	0.00159	0.0333	0.0261	0.00000554	26.4	0.0000242	0.000329
2054 Jun	61.5	0.0401	0.0239	0.00116	12	0.0226	7.98	0.000968	0.000968	0.00000485	0.00699	0.00123	0.0133	0.0219	0.00000487	19	0.0000217	0.000285
2054 Jul	50.6	0.0267	0.0212	0.00119	9.12	0.0268	7.53	0.000986	0.000986	0.00000494	0.00675	0.00108	0.0137	0.0161	0.00000496	14.3	0.000019	0.000215
2054 Aug	54.7	0.0366	0.0259	0.0013	10.1	0.034	9.92	0.000999	0.000999	0.00000501	0.0065	0.00112	0.0168	0.0159	0.00000505	15	0.0000156	0.000208
2054 Sep	58.6	0.0499	0.0293	0.00136	11.1	0.0389	11.8	0.001	0.001	0.00000503	0.00657	0.00114	0.0192	0.0159	0.00000507	15.7	0.0000141	0.000209
2054 Oct	60	0.0677	0.029	0.00136	11.8	0.0411	12.3	0.000988	0.000988	0.00000496	0.00699	0.00114	0.0194	0.016	0.00000501	16	0.0000146	0.000206
2054 Nov	60.6	0.0736	0.029	0.00136	12	0.0419	12.5	0.000985	0.000985	0.00000494	0.00713	0.00114	0.0195	0.0161	0.00000499	16.1	0.0000148	0.000205
2054 Dec	61.7	0.0747	0.0306	0.00138	12.1	0.0422	13.2	0.000984	0.000984	0.00000494	0.00714	0.00115	0.0202	0.0161	0.00000499	16.3	0.000015	0.000206
2055 Jan	61.9	0.0748	0.0309	0.00139	12.1	0.0423	13.3	0.000984	0.000984	0.00000494	0.00714	0.00115	0.0203	0.0161	0.00000499	16.3	0.000015	0.000206
2055 Feb	61.9	0.0748	0.0309	0.00139	12.1	0.0423	13.3	0.000984	0.000984	0.00000494	0.00714	0.00115	0.0203	0.0161	0.00000499	16.3	0.000015	0.000206
2055 Mar	61.9	0.0749	0.0309	0.00139	12.1	0.0423	13.3	0.000985	0.000985	0.00000494	0.00715	0.00115	0.0203	0.0161	0.000005	16.3	0.000015	0.000206
2055 Apr	62.1	0.0752	0.031	0.00139	12.1	0.0425	13.3	0.000989	0.000989	0.00000496	0.00717	0.00115	0.0204	0.0162	0.00000502	16.4	0.000015	0.000207
2055 May	63.3	0.0766	0.0318	0.00142	12.4	0.0432	13.6	0.00101	0.00101	0.00000505	0.0073	0.00117	0.0208	0.0164	0.0000051	16.7	0.0000153	0.00021
2055 Jun	42	0.0242	0.0149	0.0011	7.04	0.0243	5.51	0.000963	0.000963	0.00000482	0.00717	0.000901	0.0131	0.0118	0.00000484	11	0.0000206	0.000195
2055 Jul	38.3	0.0139	0.0104	0.00106	6.39	0.0234	3.64	0.000997	0.000997	0.00000499	0.00717	0.000908	0.0112	0.0116	0.000005	10.3	0.0000206	0.00019
2055 Aug	42.8	0.0187	0.0142	0.00116	7.31	0.0281	5.43	0.00104	0.00104	0.0000052	0.00719	0.000989	0.0132	0.0126	0.00000522	11.4	0.0000194	0.000192
2055 Sep	49.1	0.0363	0.0193	0.00124	8.91	0.034	8.16	0.00103	0.00103	0.00000515	0.0071	0.00104	0.0161	0.0134	0.00000518	12.9	0.0000171	0.000196
2055 Oct	53.1	0.0461	0.0233	0.00131	9.57	0.0362	10	0.00103	0.00103	0.00000516	0.00729	0.00107	0.0179	0.0138	0.0000052	13.7	0.0000174	0.000199
2055 Nov	55.7	0.05	0.0264	0.00136	9.86	0.0373	11.4	0.00103	0.00103	0.00000515	0.00735	0.00108	0.0192	0.0139	0.0000052	14.1	0.0000177	0.0002
2055 Dec	56.7	0.0511	0.0279	0.00138	9.95	0.0377	12	0.00103	0.00103	0.00000515	0.00736	0.00108	0.0198	0.0139	0.0000052	14.2	0.0000178	0.0002
2056 Jan	56.8	0.0511	0.028	0.00138	9.96	0.0377	12.1	0.00103	0.00103	0.00000515	0.00736	0.00109	0.0199	0.0139	0.0000052	14.2	0.0000178	0.000201
2056 Feb	56.8	0.0511	0.028	0.00138	9.96	0.0377	12.1	0.00103	0.00103	0.00000515	0.00736	0.00109	0.0199	0.0139	0.0000052	14.2	0.0000178	0.000201

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Mar	56.8	0.0512	0.028	0.00138	9.96	0.0377	12.1	0.00103	0.00103	0.00000516	0.00736	0.00109	0.0199	0.0139	0.00000521	14.2	0.0000178	0.000201
2056 Apr	57.1	0.0514	0.0281	0.00139	10	0.0379	12.1	0.00103	0.00103	0.00000518	0.0074	0.00109	0.02	0.014	0.00000523	14.3	0.0000179	0.000202
2056 May	65.6	0.0562	0.0273	0.00131	12.8	0.034	11.2	0.00103	0.00103	0.00000518	0.0073	0.00128	0.0175	0.0207	0.00000522	19	0.0000189	0.000263
2056 Jun	66.6	0.0458	0.0184	0.00102	14.4	0.0211	6.18	0.000969	0.000969	0.00000485	0.00679	0.00138	0.0102	0.0276	0.00000485	22.8	0.0000208	0.000329
2056 Jul	64.8	0.0412	0.0214	0.00116	13.1	0.0253	7.79	0.00102	0.00102	0.00000513	0.00708	0.00135	0.0128	0.0245	0.00000515	20.8	0.000021	0.000299
2056 Aug	64.9	0.043	0.0248	0.00126	12.8	0.0319	9.88	0.00104	0.00104	0.00000523	0.00684	0.00134	0.0155	0.0225	0.00000526	19.8	0.0000179	0.000269
2056 Sep	69.8	0.0546	0.0302	0.00137	13.5	0.036	12.7	0.00106	0.00106	0.00000531	0.00713	0.00136	0.0187	0.0222	0.00000535	20.3	0.0000181	0.000268
2056 Oct	71.7	0.0736	0.0335	0.00142	13.7	0.04	15	0.00102	0.00102	0.00000514	0.00741	0.00131	0.0211	0.0207	0.0000052	19.8	0.000018	0.000251
2056 Nov	73.1	0.0785	0.0354	0.00145	13.8	0.0412	16.1	0.00102	0.00102	0.00000512	0.0075	0.00131	0.0221	0.0204	0.00000518	19.9	0.0000181	0.000248
2056 Dec	73.8	0.0791	0.0364	0.00147	13.9	0.0415	16.5	0.00102	0.00102	0.00000512	0.00751	0.00132	0.0226	0.0204	0.00000519	20	0.0000182	0.000248
2057 Jan	73.9	0.0791	0.0364	0.00147	13.9	0.0415	16.5	0.00102	0.00102	0.00000512	0.00751	0.00132	0.0226	0.0204	0.00000519	20	0.0000182	0.000248
2057 Feb	73.9	0.0791	0.0364	0.00147	13.9	0.0415	16.5	0.00102	0.00102	0.00000512	0.00751	0.00132	0.0226	0.0204	0.00000519	20	0.0000182	0.000248
2057 Mar	74	0.0792	0.0364	0.00147	13.9	0.0415	16.6	0.00102	0.00102	0.00000513	0.00752	0.00132	0.0226	0.0204	0.00000519	20	0.0000182	0.000249
2057 Apr	74.3	0.0796	0.0366	0.00148	14	0.0417	16.6	0.00103	0.00103	0.00000515	0.00756	0.00132	0.0227	0.0205	0.00000522	20.1	0.0000183	0.00025
2057 May	77.3	0.0803	0.0364	0.00147	14.9	0.0407	16.3	0.00104	0.00104	0.00000523	0.00762	0.00139	0.022	0.0228	0.00000529	21.7	0.0000189	0.000272
2057 Jun	48.7	0.0275	0.0135	0.00103	9.23	0.0216	4.75	0.000965	0.000965	0.00000483	0.00706	0.00105	0.0111	0.0172	0.00000484	14.8	0.0000212	0.000243
2057 Jul	47.8	0.0232	0.0156	0.00112	8.32	0.0242	5.95	0.00101	0.00101	0.00000505	0.0073	0.00103	0.013	0.0151	0.00000507	13.4	0.0000216	0.000224
2057 Aug	55.2	0.0288	0.0216	0.00129	9.37	0.029	8.81	0.00109	0.00109	0.00000544	0.00775	0.00114	0.0164	0.0163	0.00000548	15	0.0000225	0.000237
2057 Sep	64.8	0.0416	0.0318	0.00147	10.4	0.034	14	0.00109	0.00109	0.00000549	0.00793	0.0012	0.0217	0.0166	0.00000555	16.4	0.0000228	0.000242
2057 Oct	72.7	0.0576	0.0405	0.0016	11.3	0.0384	18.8	0.00107	0.00107	0.00000537	0.00803	0.00123	0.0263	0.0165	0.00000546	17.4	0.0000228	0.000239
2057 Nov	74.6	0.0603	0.0424	0.00163	11.5	0.0393	19.8	0.00107	0.00107	0.00000537	0.00807	0.00124	0.0273	0.0166	0.00000547	17.7	0.000023	0.000239
2057 Dec	75.1	0.0608	0.0431	0.00165	11.6	0.0395	20.2	0.00107	0.00107	0.00000537	0.00808	0.00124	0.0277	0.0166	0.00000547	17.8	0.000023	0.00024
2058 Jan	75.4	0.0609	0.0434	0.00165	11.6	0.0396	20.3	0.00107	0.00107	0.00000537	0.00808	0.00124	0.0278	0.0166	0.00000547	17.8	0.0000231	0.00024
2058 Feb	75.4	0.0609	0.0434	0.00165	11.6	0.0396	20.3	0.00107	0.00107	0.00000537	0.00808	0.00124	0.0278	0.0166	0.00000547	17.8	0.0000231	0.00024
2058 Mar	75.4	0.061	0.0435	0.00165	11.6	0.0396	20.3	0.00107	0.00107	0.00000537	0.00808	0.00124	0.0279	0.0166	0.00000547	17.8	0.0000231	0.00024
2058 Apr	75.7	0.0612	0.0436	0.00166	11.6	0.0397	20.4	0.00107	0.00107	0.00000539	0.00811	0.00125	0.0279	0.0166	0.00000549	17.9	0.0000232	0.000241
2058 May	85.1	0.0674	0.0451	0.00161	14.3	0.0371	20.7	0.00106	0.00106	0.00000532	0.00787	0.00142	0.0268	0.0227	0.00000542	22.4	0.0000235	0.000294
2058 Jun	64.6	0.0422	0.0187	0.00101	13.5	0.0204	6.85	0.00094	0.00094	0.0000047	0.00666	0.00132	0.011	0.0258	0.00000472	21.6	0.0000209	0.000314
2058 Jul	60.2	0.035	0.0185	0.00109	11.7	0.023	7.35	0.000988	0.000988	0.00000495	0.00702	0.00124	0.0127	0.0221	0.00000497	18.9	0.0000215	0.000283
2058 Aug	64.7	0.0383	0.0227	0.00121	12.1	0.0284	10.3	0.00103	0.00103	0.00000516	0.00709	0.00129	0.016	0.0218	0.00000519	19.3	0.0000206	0.000275
2058 Sep	67.3	0.0579	0.0249	0.00126	12.5	0.0348	12.9	0.00101	0.00101	0.00000509	0.00734	0.00127	0.019	0.0204	0.00000514	19.1	0.0000193	0.000258
2058 Oct	70.7	0.0736	0.0277	0.00131	12.9	0.0391	15.5	0.000999	0.000999	0.00000502	0.0076	0.00126	0.0217	0.0196	0.00000508	19.2	0.0000191	0.000246
2058 Nov	71.8	0.0755	0.0287	0.00133	13	0.0398	16.2	0.001	0.001	0.00000503	0.00765	0.00127	0.0223	0.0196	0.00000509	19.3	0.0000193	0.000246
2058 Dec	72.1	0.0757	0.029	0.00133	13	0.0399	16.4	0.001	0.001	0.00000503	0.00766	0.00127	0.0225	0.0196	0.0000051	19.4	0.0000193	0.000246
2059 Jan	72.2	0.0758	0.0291	0.00134	13	0.0399	16.4	0.001	0.001	0.00000503	0.00766	0.00127	0.0226	0.0196	0.0000051	19.4	0.0000193	0.000246
2059 Feb	72.2	0.0758	0.0291	0.00134	13	0.04	16.4	0.001	0.001	0.00000503	0.00766	0.00127	0.0226	0.0196	0.0000051	19.4	0.0000193	0.000246
2059 Mar	72.2	0.0758	0.0291	0.00134	13	0.04	16.4	0.001	0.001	0.00000503	0.00766	0.00127	0.0226	0.0196	0.0000051	19.4	0.0000193	0.000246
2059 Apr	72.4	0.076	0.0292	0.00134	13.1	0.0401	16.5	0.001	0.001	0.00000505	0.00769	0.00127	0.0226	0.0196	0.00000511	19.5	0.0000194	0.000247
2059 May	77.7	0.0764	0.0296	0.00132	14.8	0.0374	15.8	0.00101	0.00101	0.00000509	0.0076	0.0014	0.0211	0.0239	0.00000515	22.4	0.0000201	0.000287
2059 Jun	75.8	0.0568	0.0224	0.00109	16.1	0.0242	9.06	0.000996	0.000996	0.00000499	0.00704	0.0015	0.0128	0.0303	0.00000501	25.5	0.0000215	0.000353
2059 Jul	78.6	0.0561	0.0244	0.00121	16	0.0269	10.4	0.00107	0.00107	0.00000538	0.00762	0.00155	0.0149	0.03	0.00000541	25.6	0.0000232	0.000357
2059 Aug	83.8	0.0594	0.0275	0.00132	16.7	0.0305	12.4	0.00113	0.00113	0.00000568	0.00796	0.00163	0.0174	0.0308	0.00000572	26.7	0.0000238	0.000366
2059 Sep	83.2	0.0687	0.0282	0.00134	16.4	0.0348	13.9	0.00112	0.00112	0.00000562	0.00805	0.00157	0.0194	0.0286	0.00000567	25.5	0.0000226	0.000343
2059 Oct	70	0.0916	0.021	0.00121	14.4	0.0407	12.6	0.00102	0.00102	0.0000051	0.00805	0.00131	0.0184	0.0219	0.00000514	20.5	0.0000187	0.000261
2059 Nov	70.7	0.0953	0.022	0.00123	14.3	0.0421	13.6	0.00101	0.00101	0.00000507	0.0081	0.0013	0.0194	0.0213	0.00000512	20.3	0.0000186	0.000255
2059 Dec	71.2	0.0956	0.0224	0.00124	14.4	0.0422	13.9	0.00101	0.00101	0.00000507	0.0081	0.0013	0.0197	0.0213	0.00000512	20.4	0.0000186	0.000255
2060 Jan	71.2	0.0956	0.0224	0.00124	14.4	0.0422	13.9	0.00101	0.00101	0.00000507	0.0081	0.0013	0.0197	0.0213	0.00000512	20.4	0.0000186	0.000255
2060 Feb	71.2	0.0956	0.0224	0.00124	14.4	0.0422	13.9	0.00101	0.00101	0.00000507	0.00811	0.0013	0.0197	0.0213	0.00000512	20.4	0.0000187	0.000255
2060 Mar	71.3	0.0957	0.0225	0.00124	14.4	0.0423	13.9	0.00101	0.00101	0.00000507	0.00811	0.0013	0.0198	0.0213	0.00000512	20.4	0.0000187	0.000255
2060 Apr	71.6	0.0962	0.0226	0.00124	14.4	0.0425	14	0.00102	0.00102	0.0000051	0.00815	0.00131	0.0199	0.0214	0.00000515	20.5	0.0000188	0.000256
2060 May	82	0.0862	0.0249	0.00118	17.5	0.0339	12.7	0.00101	0.00101	0.00000506	0.00756	0.00155	0.0166	0.0301	0.0000051	26.4	0.0000201	0.00034
2060 Jun	71.4	0.0518	0.0187	0.00101	15.6	0.0213	6.85	0.000969	0.000969	0.00000485	0.00681	0.00146	0.0103	0.0301	0.00000486	24.8	0.000021	0.00035
2060 Jul	71.4	0.0485	0.0193	0.0011	15	0.0238	7.47	0.00105	0.00105	0.00000524	0.00738	0.00147	0.012	0.0287	0.00000525	24	0.0000225	0.000344
2060 Aug	70.3	0.0494	0.02	0.00116	14.5	0.0301	9.11	0.00106	0.00106	0.00000531	0.00717	0.00143	0.0146	0.0263	0.00000534	22.6	0.0000195	0.000316
2060 Sep	63.3	0.0623	0.0179	0.00114	13.1	0.0394	10.6	0.001	0.001	0.00000501	0.00678	0.00125	0.0175	0.02	0.00000505	18.8	0.0000139	0.000249
2060 Oct	67.2	0.0782	0.021	0.0012	13.2	0.0429	13.9	0.000984	0.000984	0.00000494	0.00721	0.00123	0.0206	0.0191	0.00000499	18.8	0.000015	0.000237
2060 Nov	67.5	0.083	0.0212	0.0012	13.2	0.0437	14.4	0.000978	0.000978	0.00000491	0.00734	0.00122	0.021	0.0187	0.00000496	18.7	0.0000152	0.000232
2060 Dec	68.5	0.0834	0.022	0.00122	13.3	0.0441	15	0.000977	0.000977	0.00000491	0.00735	0.00123	0.0216	0.0187	0.00000497	18.8	0.0000153	0.000233
2061 Jan	68.7	0.0835	0.0222	0.00122	13.3	0.0441	15.1	0.000977	0.000977	0.00000491	0.00735	0.00123	0.0217	0.0187	0.00000497	18.9	0.0000154	0.000233
2061 Feb	68.7	0.0835	0.0222	0.00122	13.3	0.0441	15.1	0.000977	0.000977	0.00000491	0.00735	0.00123	0.0218	0.0187	0.00000497	18.9	0.0000154	0.000233
2061 Mar	68.8	0.0836	0.0222	0.00122	13.3	0.0442	15.1	0.000977	0.000977	0.00000491	0.00735	0.00123	0.0218	0.0187	0.00000497	18.9	0.0000154	0.000233
2061 Apr	69.1	0.084	0.0223	0.00123	13.3	0.0444	15.2	0.000982	0.000982	0.00000493	0.00739	0.00124	0.0219	0.0188	0.00000499	19	0.0000155	0.000234
2061 May	79.5	0.0799	0.0245	0.00118	16.4	0.0363	13.8	0.00099	0.00099	0.00000497	0.00717	0.00147	0.0185	0.0274	0.00000501	24.7	0.0000179	0.000315
2061 Jun	68.6	0.0471	0.0188	0.00101	14.4	0.0215	7.65	0.000946	0.000946	0.00000474	0.00668	0.00138	0.0115	0.0276	0.00000475	23.1	0.0000207	0.000328
2061 Jul	67.7	0.0422	0.0192	0.00111	13.5	0.0251	8.61	0.00102	0.00102	0.00000512	0.00714	0.00138	0.0135	0.0255	0.00000514	21.8	0.0000215	0.000311
2061 Aug	72.3	0.0443	0.0217	0.00121	14	0.0292	10.7	0.00108	0.00108	0.0000054	0.00741	0.00145	0.016	0.026	0.00000544	22.6	0.0000217	0.000314
2061 Sep	75.7	0.0528	0.0244	0.00126	14	0.0337	13.8	0.00107	0.00107	0.00000538	0.00749	0.00144	0.0195	0.0248	0.00000543	22.5	0.000021	0.000303

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Oct	71.9	0.077	0.0222	0.00122	13.5	0.0395	15	0.00101	0.00101	0.00000505	0.0077	0.00131	0.0208	0.0211	0.0000051	20.3	0.000019	0.000257
2061 Nov	71.3	0.084	0.0218	0.00121	13.4	0.0413	15.5	0.00099	0.00099	0.00000497	0.00779	0.00127	0.0213	0.0202	0.00000503	19.7	0.0000186	0.000246
2061 Dec	72	0.0842	0.0223	0.00122	13.4	0.0415	15.9	0.00099	0.00099	0.00000497	0.00779	0.00128	0.0217	0.0202	0.00000503	19.8	0.0000187	0.000246
2062 Jan	72.3	0.0844	0.0225	0.00122	13.4	0.0417	16.1	0.000989	0.000989	0.00000497	0.00779	0.00128	0.0219	0.0201	0.00000503	19.9	0.0000187	0.000246
2062 Feb	72.4	0.0844	0.0225	0.00122	13.4	0.0417	16.1	0.000989	0.000989	0.00000497	0.00779	0.00128	0.022	0.0202	0.00000503	19.9	0.0000187	0.000246
2062 Mar	72.5	0.0845	0.0226	0.00122	13.4	0.0417	16.1	0.000991	0.000991	0.00000498	0.00781	0.00128	0.022	0.0202	0.00000504	19.9	0.0000187	0.000247
2062 Apr	72.8	0.085	0.0227	0.00123	13.5	0.042	16.2	0.000996	0.000996	0.000005	0.00785	0.00129	0.0221	0.0203	0.00000507	20	0.0000188	0.000248
2062 May	74	0.0863	0.0231	0.00125	13.7	0.0426	16.5	0.00101	0.00101	0.00000508	0.00796	0.00131	0.0225	0.0206	0.00000514	20.3	0.0000191	0.000251
2062 Jun	46.4	0.0319	0.0119	0.00105	7.97	0.0261	6.54	0.000974	0.000974	0.00000488	0.00739	0.000971	0.0137	0.0136	0.0000049	12.6	0.000021	0.000209
2062 Jul	39.6	0.0141	0.00931	0.00104	6.46	0.0241	4.32	0.000998	0.000998	0.000005	0.00718	0.000923	0.0118	0.0119	0.00000501	10.6	0.0000206	0.000191
2062 Aug	45.3	0.0237	0.0114	0.00109	8.02	0.0329	7.08	0.001	0.001	0.00000503	0.00659	0.00102	0.0147	0.0131	0.00000506	12.3	0.0000154	0.000184
2062 Sep	51.7	0.0495	0.0131	0.0011	9.66	0.0385	9.63	0.000987	0.000987	0.00000495	0.00692	0.00106	0.0171	0.0141	0.00000498	13.9	0.0000146	0.00019
2062 Oct	57.9	0.086	0.0139	0.00109	11.4	0.0434	12	0.000951	0.000951	0.00000477	0.00761	0.00109	0.0186	0.0153	0.00000481	15.6	0.0000153	0.000192
2062 Nov	59.1	0.0886	0.0144	0.00111	11.6	0.0442	12.5	0.000954	0.000954	0.00000479	0.00769	0.0011	0.0191	0.0154	0.00000483	15.8	0.0000155	0.000193
2062 Dec	59.8	0.0889	0.0149	0.00111	11.6	0.0444	13	0.000954	0.000954	0.00000479	0.0077	0.0011	0.0196	0.0154	0.00000483	15.9	0.0000156	0.000193
2063 Jan	60.1	0.089	0.015	0.00112	11.6	0.0445	13.1	0.000953	0.000953	0.00000479	0.0077	0.0011	0.0198	0.0154	0.00000484	15.9	0.0000156	0.000193
2063 Feb	60.1	0.089	0.0151	0.00112	11.6	0.0445	13.2	0.000953	0.000953	0.00000479	0.0077	0.0011	0.0198	0.0154	0.00000484	15.9	0.0000156	0.000193
2063 Mar	60.1	0.0891	0.0151	0.00112	11.6	0.0445	13.2	0.000954	0.000954	0.00000479	0.00771	0.0011	0.0198	0.0154	0.00000484	15.9	0.0000156	0.000194
2063 Apr	60.3	0.0893	0.0151	0.00112	11.7	0.0446	13.2	0.000956	0.000956	0.0000048	0.00773	0.00111	0.0198	0.0155	0.00000485	16	0.0000157	0.000194
2063 May	67	0.086	0.0169	0.00111	13.7	0.0401	12.2	0.000973	0.000973	0.00000488	0.00758	0.00126	0.0178	0.0209	0.00000492	19.7	0.000017	0.000248
2063 Jun	50.9	0.0286	0.0122	0.000953	10	0.0198	4.49	0.000934	0.000934	0.00000467	0.00677	0.0011	0.01	0.0193	0.00000468	16.3	0.0000207	0.000259
2063 Jul	45.4	0.0196	0.011	0.00101	8.02	0.0222	4.86	0.000973	0.000973	0.00000487	0.00702	0.00101	0.0115	0.0152	0.00000488	13.2	0.0000209	0.000223
2063 Aug	50.6	0.023	0.0132	0.0011	8.73	0.0269	7.13	0.00103	0.00103	0.00000515	0.00722	0.00109	0.0142	0.0159	0.00000517	14.3	0.0000206	0.000227
2063 Sep	56.7	0.0373	0.0157	0.00115	9.77	0.0338	10.7	0.00102	0.00102	0.00000512	0.00716	0.00112	0.0181	0.0159	0.00000516	15.4	0.0000184	0.000224
2063 Oct	60.5	0.0576	0.0167	0.00115	10.6	0.038	12.9	0.000992	0.000992	0.00000498	0.00741	0.00113	0.02	0.0159	0.00000503	16	0.0000179	0.000216
2063 Nov	62	0.0608	0.0174	0.00116	10.7	0.039	13.8	0.00099	0.00099	0.00000497	0.00747	0.00114	0.0208	0.016	0.00000503	16.2	0.000018	0.000216
2063 Dec	62.6	0.061	0.0177	0.00117	10.8	0.0392	14.2	0.00099	0.00099	0.00000497	0.00748	0.00114	0.0211	0.016	0.00000503	16.3	0.0000181	0.000216
2064 Jan	62.9	0.0612	0.0179	0.00117	10.8	0.0393	14.4	0.000989	0.000989	0.00000497	0.00748	0.00114	0.0214	0.016	0.00000503	16.3	0.0000181	0.000216
2064 Feb	63	0.0612	0.018	0.00117	10.8	0.0393	14.4	0.000989	0.000989	0.00000497	0.00748	0.00114	0.0214	0.016	0.00000503	16.4	0.0000182	0.000216
2064 Mar	63.2	0.0613	0.018	0.00117	10.8	0.0394	14.5	0.000991	0.000991	0.00000498	0.0075	0.00114	0.0215	0.016	0.00000504	16.4	0.0000182	0.000217
2064 Apr	63.4	0.0615	0.0181	0.00118	10.8	0.0395	14.5	0.000994	0.000994	0.00000499	0.00752	0.00115	0.0215	0.0161	0.00000505	16.4	0.0000182	0.000217
2064 May	72.9	0.0644	0.0206	0.00115	13.8	0.0348	13.7	0.000996	0.000996	0.000005	0.00731	0.00135	0.0191	0.0233	0.00000505	21.5	0.0000193	0.000284
2064 Jun	69	0.0466	0.0176	0.000985	14.8	0.0207	6.87	0.000955	0.000955	0.00000478	0.0067	0.00141	0.0105	0.0287	0.00000479	23.7	0.0000209	0.000338
2064 Jul	64.8	0.0386	0.0167	0.00106	13	0.0249	7.74	0.00101	0.00101	0.00000503	0.00688	0.00135	0.0124	0.025	0.00000505	21.1	0.0000203	0.000299
2064 Aug	63	0.0363	0.0164	0.0011	12.3	0.0312	9.44	0.00102	0.00102	0.00000512	0.00658	0.00133	0.0146	0.0226	0.00000515	19.6	0.0000171	0.000262
2064 Sep	64.8	0.056	0.0166	0.00112	12.2	0.0395	13	0.000988	0.000988	0.00000496	0.00672	0.00125	0.0193	0.0194	0.00000501	18.5	0.0000147	0.000234
2064 Oct	71	0.0669	0.0194	0.00117	12.5	0.043	17	0.000982	0.000982	0.00000494	0.00705	0.00126	0.0233	0.019	0.00000501	19.1	0.0000158	0.000232
2064 Nov	73.3	0.0678	0.0205	0.00119	12.6	0.0439	18.3	0.000983	0.000983	0.00000495	0.00709	0.00128	0.0246	0.019	0.00000502	19.4	0.0000161	0.000233
2064 Dec	73.6	0.0679	0.0207	0.00119	12.6	0.044	18.5	0.000983	0.000983	0.00000495	0.00709	0.00128	0.0249	0.019	0.00000503	19.5	0.0000161	0.000234
2065 Jan	73.9	0.068	0.0208	0.00119	12.6	0.0441	18.7	0.000983	0.000983	0.00000495	0.0071	0.00128	0.025	0.019	0.00000503	19.5	0.0000162	0.000234
2065 Feb	74	0.068	0.0209	0.00119	12.6	0.0441	18.7	0.000983	0.000983	0.00000495	0.0071	0.00128	0.025	0.019	0.00000503	19.5	0.0000162	0.000234
2065 Mar	74.1	0.0681	0.0209	0.0012	12.6	0.0442	18.8	0.000985	0.000985	0.00000496	0.00711	0.00128	0.0251	0.0191	0.00000504	19.6	0.0000162	0.000234
2065 Apr	74.5	0.0685	0.021	0.0012	12.7	0.0444	18.9	0.00099	0.00099	0.00000498	0.00715	0.00129	0.0252	0.0192	0.00000506	19.7	0.0000163	0.000235
2065 May	83.8	0.0701	0.0236	0.00117	15.7	0.0376	17.3	0.000997	0.000997	0.00000501	0.00706	0.0015	0.0219	0.027	0.00000508	25	0.0000185	0.000311
2065 Jun	61.6	0.0391	0.0153	0.000988	12.6	0.0216	6.51	0.000956	0.000956	0.00000479	0.00681	0.00127	0.0112	0.0241	0.0000048	20.3	0.0000208	0.0003
2065 Jul	60.8	0.0337	0.0153	0.00108	11.5	0.0244	7.54	0.00103	0.00103	0.00000516	0.00737	0.00126	0.0134	0.0219	0.00000518	18.9	0.0000223	0.000286
2065 Aug	65.4	0.037	0.0168	0.00116	12	0.0296	9.99	0.00107	0.00107	0.00000538	0.0075	0.00131	0.0164	0.022	0.00000542	19.5	0.0000215	0.000285
2065 Sep	64.6	0.0611	0.0153	0.00112	12.1	0.0371	12	0.00101	0.00101	0.00000509	0.0075	0.00123	0.0186	0.0193	0.00000513	18.4	0.0000184	0.000248
2065 Oct	61.5	0.0924	0.0121	0.00106	12.3	0.0431	12.2	0.000958	0.000958	0.00000481	0.00788	0.00114	0.0185	0.0172	0.00000485	17.1	0.0000165	0.000211
2065 Nov	61.9	0.0963	0.012	0.00106	12.4	0.0441	12.5	0.000959	0.000959	0.00000481	0.00797	0.00114	0.0188	0.0171	0.00000485	17.1	0.0000165	0.000209
2065 Dec	62.2	0.0963	0.0121	0.00106	12.4	0.0442	12.7	0.000958	0.000958	0.00000481	0.00797	0.00114	0.0189	0.0171	0.00000485	17.1	0.0000165	0.000209
2066 Jan	62.6	0.0964	0.0123	0.00106	12.4	0.0443	12.9	0.000958	0.000958	0.00000481	0.00798	0.00115	0.0192	0.0171	0.00000485	17.2	0.0000165	0.000209
2066 Feb	62.7	0.0965	0.0123	0.00107	12.4	0.0444	13	0.000959	0.000959	0.00000481	0.00798	0.00115	0.0192	0.0171	0.00000486	17.2	0.0000166	0.000209
2066 Mar	62.8	0.0968	0.0124	0.00107	12.5	0.0445	13	0.000961	0.000961	0.00000482	0.008	0.00115	0.0193	0.0171	0.00000487	17.3	0.0000166	0.00021
2066 Apr	63.1	0.0971	0.0124	0.00107	12.5	0.0447	13	0.000965	0.000965	0.00000484	0.00803	0.00115	0.0193	0.0172	0.00000489	17.3	0.0000167	0.000211
2066 May	65.2	0.0972	0.0131	0.00108	13.1	0.0442	13	0.00098	0.00098	0.00000491	0.00808	0.0012	0.0191	0.0186	0.00000496	18.3	0.0000171	0.000224
2066 Jun	45.8	0.0261	0.01	0.000976	8.47	0.0218	4.34	0.000958	0.000958	0.00000479	0.00712	0.001	0.0109	0.0158	0.0000048	13.7	0.0000211	0.00023
2066 Jul	47.5	0.0198	0.0109	0.00108	7.8	0.0257	6.31	0.00104	0.00104	0.0000052	0.00752	0.00104	0.0137	0.0145	0.00000522	13	0.0000219	0.000219
2066 Aug	52.9	0.0229	0.0126	0.00116	8.5	0.0308	8.9	0.00108	0.00108	0.00000543	0.00761	0.00112	0.0166	0.0152	0.00000547	14.2	0.0000211	0.000221
2066 Sep	57.3	0.0409	0.0133	0.00116	9.53	0.0357	11.1	0.00106	0.00106	0.00000533	0.00772	0.00114	0.0187	0.0155	0.00000538	15.1	0.0000199	0.000219
2066 Oct	61.5	0.0669	0.0134	0.00113	10.7	0.0407	13.5	0.00101	0.00101	0.00000509	0.0079	0.00114	0.0205	0.0158	0.00000514	16	0.0000187	0.000211
2066 Nov	62.6	0.0714	0.0136	0.00113	10.9	0.0417	14.1	0.00101	0.00101	0.00000505	0.00793	0.00114	0.021	0.0158	0.00000511	16.2	0.0000185	0.000209
2066 Dec	63	0.0715	0.0138	0.00113	10.9	0.0419	14.4	0.00101	0.00101	0.00000505	0.00794	0.00115	0.0213	0.0158	0.00000511	16.3	0.0000186	0.00021
2067 Jan	63.3	0.0716	0.0139	0.00113	10.9	0.042	14.5	0.00101	0.00101	0.00000505	0.00794	0.00115	0.0214	0.0158	0.00000511	16.3	0.0000186	0.00021
2067 Feb	63.3	0.0716	0.0139	0.00113	10.9	0.042	14.5	0.00101	0.00101	0.00000505	0.00795	0.00115	0.0215	0.0159	0.00000511	16.3	0.0000186	0.00021
2067 Mar	63.4	0.0717	0.0139	0.00113	10.9	0.042	14.5	0.00101	0.00101	0.00000506	0.00796	0.00115	0.0215	0.0159	0.00000512	16.4	0.0000187	0.00021
2067 Apr	63.6	0.072	0.0139	0.00114	11	0.0422	14.6	0.00101	0.00101	0.00000508	0.00798	0.00115	0.0216	0.0159	0.00000514	16.4	0.0000187	0.000211

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 May	72.3	0.072	0.0168	0.00111	14.1	0.0363	12.8	0.00102	0.00102	0.00000511	0.0077	0.00137	0.0182	0.0236	0.00000516	21.6	0.0000197	0.000283
2067 Jun	67.2	0.0472	0.0163	0.000995	14.2	0.0222	6.82	0.000973	0.000973	0.00000487	0.00691	0.00138	0.011	0.0273	0.00000488	22.7	0.000021	0.000326
2067 Jul	67.8	0.0423	0.0166	0.00109	13.4	0.026	8.56	0.00104	0.00104	0.00000523	0.00736	0.00139	0.0137	0.0254	0.00000525	21.7	0.000022	0.000312
2067 Aug	65.4	0.037	0.0159	0.00113	12.3	0.0327	10.5	0.00106	0.00106	0.0000053	0.00692	0.00136	0.0158	0.0228	0.00000534	20	0.0000182	0.000266
2067 Sep	66.2	0.0479	0.0154	0.00113	12.4	0.0372	12	0.00104	0.00104	0.00000524	0.007	0.00132	0.018	0.0212	0.00000528	19.5	0.0000168	0.000253
2067 Oct	64.1	0.0727	0.0132	0.00108	12.4	0.0411	12.5	0.000995	0.000995	0.00000499	0.00744	0.00123	0.0185	0.0191	0.00000503	18.2	0.0000163	0.000228
2067 Nov	64.4	0.0789	0.0129	0.00108	12.4	0.0423	12.9	0.000988	0.000988	0.00000496	0.00758	0.00122	0.019	0.0187	0.00000501	18.1	0.0000164	0.000223
2067 Dec	64.9	0.0791	0.0131	0.00108	12.5	0.0425	13.2	0.000989	0.000989	0.00000496	0.00759	0.00122	0.0193	0.0187	0.00000501	18.2	0.0000164	0.000223
2068 Jan	65.2	0.0791	0.0132	0.00108	12.5	0.0426	13.4	0.000988	0.000988	0.00000496	0.00759	0.00122	0.0195	0.0187	0.00000501	18.2	0.0000165	0.000224
2068 Feb	65.3	0.0792	0.0132	0.00109	12.5	0.0426	13.4	0.000989	0.000989	0.00000496	0.0076	0.00122	0.0195	0.0187	0.00000501	18.2	0.0000165	0.000224
2068 Mar	65.4	0.0794	0.0133	0.00109	12.5	0.0428	13.5	0.000991	0.000991	0.00000497	0.00762	0.00123	0.0196	0.0187	0.00000502	18.3	0.0000165	0.000224
2068 Apr	66.1	0.0802	0.0134	0.0011	12.6	0.0432	13.6	0.001	0.001	0.00000502	0.00769	0.00124	0.0198	0.0189	0.00000508	18.5	0.0000167	0.000226
2068 May	72.9	0.0783	0.016	0.00109	14.8	0.0382	12.5	0.00101	0.00101	0.00000506	0.00752	0.00139	0.0176	0.0246	0.0000051	22.3	0.000018	0.000282
2068 Jun	58.6	0.0354	0.014	0.000959	11.8	0.0206	6.09	0.000938	0.000938	0.00000469	0.00673	0.00122	0.0109	0.0227	0.00000471	19.1	0.0000208	0.000287
2068 Jul	55.5	0.0259	0.0131	0.00104	9.81	0.0261	8.14	0.000996	0.000996	0.00000499	0.00693	0.00116	0.014	0.0186	0.00000502	16.4	0.0000202	0.000243
2068 Aug	60.3	0.0285	0.0142	0.00113	10.4	0.0309	10.1	0.00106	0.00106	0.00000531	0.0072	0.00124	0.0165	0.0193	0.00000535	17.4	0.00002	0.000248
2068 Sep	61.4	0.0485	0.0132	0.00111	11.1	0.0361	11.2	0.00104	0.00104	0.0000052	0.0074	0.00122	0.0178	0.0185	0.00000524	17.3	0.0000184	0.000236
2068 Oct	63.6	0.0607	0.0132	0.00111	11.5	0.0391	12.7	0.00103	0.00103	0.00000515	0.00762	0.00122	0.0192	0.0183	0.0000052	17.6	0.0000183	0.000231
2068 Nov	64.5	0.0616	0.0134	0.00112	11.5	0.0395	13.1	0.00103	0.00103	0.00000517	0.00767	0.00123	0.0197	0.0183	0.00000522	17.7	0.0000184	0.000231
2068 Dec	64.7	0.0617	0.0135	0.00112	11.5	0.0396	13.2	0.00103	0.00103	0.00000517	0.00768	0.00123	0.0198	0.0183	0.00000522	17.8	0.0000184	0.000232
2069 Jan	64.9	0.0617	0.0136	0.00112	11.5	0.0397	13.4	0.00103	0.00103	0.00000517	0.00768	0.00123	0.0199	0.0183	0.00000522	17.8	0.0000184	0.000232
2069 Feb	65	0.0618	0.0136	0.00112	11.6	0.0397	13.4	0.00103	0.00103	0.00000517	0.00768	0.00123	0.02	0.0183	0.00000522	17.8	0.0000185	0.000232
2069 Mar	65	0.0618	0.0136	0.00112	11.6	0.0397	13.4	0.00103	0.00103	0.00000517	0.00768	0.00123	0.02	0.0183	0.00000522	17.8	0.0000185	0.000232
2069 Apr	65.2	0.0619	0.0136	0.00112	11.6	0.0398	13.5	0.00103	0.00103	0.00000519	0.0077	0.00123	0.0201	0.0184	0.00000524	17.9	0.0000185	0.000232
2069 May	67.7	0.0636	0.0143	0.00115	12.2	0.0401	13.7	0.00106	0.00106	0.0000053	0.00784	0.00128	0.0202	0.0196	0.00000535	18.8	0.000019	0.000245
2069 Jun	45.7	0.0233	0.00978	0.000996	8.14	0.0225	4.7	0.000978	0.000978	0.00000489	0.00722	0.001	0.0116	0.0152	0.0000049	13.3	0.0000214	0.000227
2069 Jul	46	0.0179	0.00992	0.00106	7.44	0.0246	5.88	0.00103	0.00103	0.00000515	0.00752	0.00101	0.0134	0.0139	0.00000517	12.5	0.0000222	0.000217
2069 Aug	50.2	0.0221	0.0106	0.0011	8.21	0.0304	7.99	0.00105	0.00105	0.00000527	0.00732	0.00107	0.0157	0.0145	0.0000053	13.5	0.0000197	0.000213
2069 Sep	52.4	0.0501	0.00961	0.00106	9.7	0.0362	8.85	0.00101	0.00101	0.00000505	0.00739	0.00108	0.0162	0.015	0.00000508	14.4	0.0000172	0.000205
2069 Oct	53.5	0.0856	0.00777	0.00101	11.4	0.0414	8.59	0.000968	0.000968	0.00000485	0.00783	0.00108	0.0152	0.0158	0.00000487	15.3	0.0000158	0.000197
2069 Nov	54.1	0.0905	0.00764	0.00101	11.6	0.0423	8.68	0.00097	0.00097	0.00000486	0.00794	0.00109	0.0152	0.016	0.00000488	15.5	0.0000157	0.000197
2069 Dec	54.4	0.0905	0.00772	0.00101	11.6	0.0424	8.84	0.00097	0.00097	0.00000486	0.00795	0.00109	0.0154	0.016	0.00000488	15.5	0.0000158	0.000197
2070 Jan	54.4	0.0905	0.00774	0.00101	11.6	0.0424	8.86	0.00097	0.00097	0.00000486	0.00795	0.00109	0.0154	0.016	0.00000488	15.5	0.0000158	0.000197
2070 Feb	54.4	0.0905	0.00774	0.00101	11.6	0.0424	8.87	0.00097	0.00097	0.00000486	0.00795	0.00109	0.0154	0.016	0.00000488	15.5	0.0000158	0.000197
2070 Mar	54.5	0.0906	0.00775	0.00101	11.7	0.0425	8.88	0.000971	0.000971	0.00000486	0.00795	0.00109	0.0155	0.016	0.00000489	15.5	0.0000158	0.000198
2070 Apr	54.8	0.0911	0.00781	0.00102	11.7	0.0427	8.93	0.000976	0.000976	0.00000489	0.008	0.0011	0.0155	0.0161	0.00000492	15.6	0.0000159	0.000199
2070 May	63.7	0.0871	0.0114	0.00102	14.1	0.038	8.73	0.000992	0.000992	0.00000497	0.00778	0.00128	0.0142	0.0222	0.00000499	20	0.0000173	0.000259
2070 Jun	70.2	0.0532	0.0166	0.000986	15.4	0.0223	6.54	0.000975	0.000975	0.00000488	0.0069	0.00145	0.0102	0.0296	0.00000488	24.4	0.0000207	0.000344
2070 Jul	68.1	0.0456	0.0159	0.00106	14	0.0253	7.63	0.00103	0.00103	0.00000516	0.00724	0.00141	0.0123	0.0267	0.00000518	22.5	0.0000214	0.00032
2070 Aug	68.6	0.0435	0.0157	0.00111	13.6	0.0303	9.25	0.00107	0.00107	0.00000534	0.00718	0.00143	0.0144	0.0255	0.00000537	21.9	0.0000197	0.0003
2070 Sep	63	0.0693	0.012	0.00105	13	0.0368	9.39	0.00101	0.00101	0.00000507	0.00749	0.00128	0.0151	0.0214	0.0000051	19.3	0.0000173	0.000253
2070 Oct	58.7	0.0873	0.00934	0.00101	12.7	0.0404	8.83	0.000981	0.000981	0.00000491	0.00778	0.00118	0.0147	0.019	0.00000493	17.6	0.0000162	0.000224
2070 Nov	59.4	0.0889	0.00944	0.00102	12.7	0.0411	9.39	0.000979	0.000979	0.0000049	0.00783	0.00118	0.0153	0.0188	0.00000493	17.6	0.0000162	0.000223
2070 Dec	59.6	0.089	0.00952	0.00102	12.7	0.0412	9.54	0.000979	0.000979	0.0000049	0.00783	0.00118	0.0155	0.0188	0.00000493	17.7	0.0000163	0.000223
2071 Jan	59.7	0.089	0.00953	0.00102	12.7	0.0412	9.58	0.000979	0.000979	0.0000049	0.00783	0.00118	0.0155	0.0188	0.00000493	17.7	0.0000163	0.000223
2071 Feb	59.7	0.089	0.00953	0.00102	12.7	0.0412	9.58	0.000979	0.000979	0.0000049	0.00783	0.00118	0.0155	0.0188	0.00000493	17.7	0.0000163	0.000223
2071 Mar	59.7	0.089	0.00954	0.00102	12.7	0.0412	9.58	0.000979	0.000979	0.0000049	0.00783	0.00118	0.0155	0.0188	0.00000493	17.7	0.0000163	0.000223
2071 Apr	59.8	0.0892	0.00956	0.00102	12.8	0.0413	9.6	0.000981	0.000981	0.00000492	0.00785	0.00119	0.0156	0.0189	0.00000494	17.7	0.0000163	0.000223
2071 May	69.5	0.083	0.0138	0.00102	15.4	0.0348	9.03	0.000987	0.000987	0.00000494	0.00749	0.00139	0.0135	0.026	0.00000496	22.7	0.0000179	0.000294
2071 Jun	62	0.0421	0.0145	0.000966	13.2	0.0208	5.41	0.000959	0.000959	0.0000048	0.00683	0.00131	0.0098	0.0255	0.0000048	21.1	0.0000208	0.00031
2071 Jul	56	0.0319	0.0126	0.00102	11	0.0227	5.41	0.00101	0.00101	0.00000503	0.00718	0.00121	0.0111	0.0212	0.00000504	17.9	0.0000215	0.000276
2071 Aug	58.4	0.0341	0.0128	0.00107	11.5	0.0269	6.49	0.00105	0.00105	0.00000526	0.0073	0.00125	0.0127	0.0213	0.00000527	18.3	0.0000205	0.000276
2071 Sep	57.1	0.0526	0.0108	0.00104	11.6	0.0345	7.77	0.00101	0.00101	0.00000507	0.00719	0.00119	0.0145	0.019	0.0000051	17.3	0.0000167	0.000244
2071 Oct	56.8	0.0673	0.00977	0.00102	11.8	0.0373	8.35	0.000992	0.000992	0.00000497	0.00742	0.00116	0.0149	0.0183	0.00000499	16.9	0.0000163	0.000229
2071 Nov	56.9	0.0753	0.00925	0.00102	12	0.039	8.54	0.000989	0.000989	0.00000495	0.0076	0.00115	0.0151	0.018	0.00000498	16.8	0.0000162	0.000224
2071 Dec	57.1	0.0756	0.00928	0.00102	12	0.0391	8.67	0.000989	0.000989	0.00000495	0.00761	0.00115	0.0152	0.018	0.00000498	16.9	0.0000162	0.000224
2072 Jan	57.1	0.0756	0.00929	0.00102	12	0.0391	8.67	0.000989	0.000989	0.00000496	0.00761	0.00115	0.0152	0.018	0.00000498	16.9	0.0000162	0.000224
2072 Feb	57.1	0.0756	0.00929	0.00102	12	0.0391	8.67	0.000989	0.000989	0.00000496	0.00761	0.00115	0.0152	0.018	0.00000498	16.9	0.0000162	0.000224
2072 Mar	57.1	0.0756	0.00929	0.00102	12	0.0391	8.67	0.00099	0.00099	0.00000496	0.00761	0.00115	0.0152	0.018	0.00000498	16.9	0.0000162	0.000224
2072 Apr	57.4	0.0759	0.00933	0.00103	12	0.0393	8.71	0.000994	0.000994	0.00000498	0.00764	0.00116	0.0153	0.0181	0.000005	16.9	0.0000163	0.000225
2072 May	58.6	0.0775	0.00954	0.00105	12.3	0.0401	8.9	0.00101	0.00101	0.00000508	0.0078	0.00118	0.0156	0.0185	0.00000511	17.3	0.0000166	0.00023
2072 Jun	41.9	0.0275	0.00782	0.000998	7.57	0.0248	3.96	0.000988	0.000988	0.00000494	0.00742	0.000945	0.0114	0.0132	0.00000495	11.8	0.0000207	0.000208
2072 Jul	41.1	0.0178	0.00775	0.00103	7.09	0.0274	4.62	0.00101	0.00101	0.00000507	0.00704	0.000979	0.0118	0.0129	0.00000508	11.4	0.0000187	0.000187
2072 Aug	44.6	0.0304	0.00744	0.00103	8.97	0.036	5.55	0.00101	0.00101	0.00000505	0.00637	0.00104	0.0135	0.0139	0.00000506	12.9	0.0000123	0.000189
2072 Sep	47.6	0.0498	0.00708	0.00101	10.4	0.0406	6.25	0.000993	0.000993	0.00000497	0.00646	0.00106	0.0143	0.0147	0.00000498	14.1	0.0000105	0.000194
2072 Oct	50.4	0.078	0.00657	0.000987	11.3	0.0423	7.09	0.000966	0.000966	0.00000484	0.00725	0.00107	0.0142	0.0155	0.00000485	14.8	0.0000126	0.000192
2072 Nov	51.8	0.0816	0.00677	0.000989	11.5	0.0429	7.8	0.000964	0.000964	0.00000483	0.00737	0.00107	0.0148	0.0156	0.00000485	15.1	0.000013	0.000193

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2072 Dec	52.2	0.0816	0.00688	0.000991	11.5	0.043	8.07	0.000964	0.000964	0.00000483	0.00737	0.00107	0.0151	0.0156	0.00000485	15.1	0.000013	0.000193
2073 Jan	52.3	0.0816	0.00691	0.000991	11.5	0.0431	8.13	0.000964	0.000964	0.00000483	0.00737	0.00108	0.0151	0.0156	0.00000485	15.1	0.0000131	0.000193
2073 Feb	52.3	0.0816	0.00691	0.000991	11.5	0.0431	8.13	0.000964	0.000964	0.00000483	0.00737	0.00108	0.0151	0.0156	0.00000485	15.1	0.0000131	0.000193
2073 Mar	52.3	0.0816	0.00692	0.000992	11.5	0.0431	8.14	0.000964	0.000964	0.00000483	0.00737	0.00108	0.0152	0.0156	0.00000485	15.1	0.0000131	0.000193
2073 Apr	52.8	0.0824	0.00698	0.001	11.6	0.0435	8.22	0.000973	0.000973	0.00000487	0.00744	0.00109	0.0153	0.0157	0.0000049	15.3	0.0000132	0.000195
2073 May	67.6	0.0782	0.0129	0.00101	14.9	0.0362	9.12	0.000983	0.000983	0.00000492	0.00721	0.00135	0.0142	0.0247	0.00000494	21.8	0.0000162	0.000283
2073 Jun	67.8	0.0477	0.016	0.000973	14.7	0.0214	6.24	0.000965	0.000965	0.00000483	0.00679	0.0014	0.0101	0.0284	0.00000484	23.4	0.0000207	0.000335
2073 Jul	63.2	0.0397	0.0144	0.00102	13.1	0.0244	6.44	0.001	0.001	0.00000502	0.00689	0.00135	0.0111	0.0253	0.00000503	21.1	0.00002	0.000301
2073 Aug	62.8	0.0376	0.0137	0.00106	12.8	0.0293	7.52	0.00104	0.00104	0.00000521	0.00682	0.00136	0.0126	0.0241	0.00000523	20.4	0.0000181	0.00028
2073 Sep	61.2	0.0525	0.0118	0.00104	12.5	0.0346	8.59	0.00102	0.00102	0.00000508	0.00696	0.00128	0.0143	0.0215	0.00000511	19	0.0000163	0.000254
2073 Oct	59.1	0.0755	0.00958	0.00101	12.4	0.039	9.18	0.00098	0.00098	0.00000491	0.00742	0.0012	0.0151	0.0192	0.00000493	17.7	0.0000158	0.000227
2073 Nov	59.3	0.0795	0.00931	0.001	12.4	0.04	9.59	0.000974	0.000974	0.00000488	0.00751	0.00118	0.0155	0.0188	0.00000491	17.6	0.0000158	0.000223
2073 Dec	59.8	0.0796	0.00941	0.00101	12.4	0.0402	9.86	0.000974	0.000974	0.00000488	0.00752	0.00119	0.0158	0.0188	0.00000491	17.6	0.0000158	0.000223
2074 Jan	60.1	0.0796	0.00947	0.00101	12.4	0.0403	10.1	0.000973	0.000973	0.00000488	0.00752	0.00119	0.016	0.0188	0.00000491	17.7	0.0000158	0.000223
2074 Feb	60.2	0.0796	0.0095	0.00101	12.4	0.0403	10.1	0.000973	0.000973	0.00000488	0.00752	0.00119	0.0161	0.0188	0.00000491	17.7	0.0000159	0.000223
2074 Mar	60.2	0.0797	0.00951	0.00101	12.4	0.0403	10.1	0.000974	0.000974	0.00000488	0.00753	0.00119	0.0161	0.0188	0.00000491	17.7	0.0000159	0.000223
2074 Apr	60.7	0.0803	0.00958	0.00102	12.5	0.0406	10.2	0.000981	0.000981	0.00000492	0.00758	0.0012	0.0162	0.019	0.00000495	17.8	0.000016	0.000225
2074 May	73.8	0.0763	0.015	0.00102	15.9	0.0334	10.2	0.00099	0.00099	0.00000496	0.00727	0.00145	0.0143	0.0278	0.00000498	24.2	0.0000183	0.000313
2074 Jun	70.1	0.0487	0.0169	0.000957	15.3	0.0203	6.41	0.00095	0.00095	0.00000475	0.00663	0.00144	0.00973	0.03	0.00000476	24.6	0.0000206	0.000347
2074 Jul	68	0.0428	0.0158	0.00103	14.2	0.0231	6.89	0.00102	0.00102	0.00000509	0.00707	0.00142	0.0113	0.0276	0.0000051	22.9	0.0000214	0.000329
2074 Aug	72.9	0.0448	0.0166	0.0011	14.7	0.027	8.75	0.00108	0.00108	0.00000539	0.0074	0.00149	0.0136	0.0283	0.00000541	23.9	0.0000218	0.000337
2074 Sep	67.9	0.0633	0.013	0.00105	13.6	0.0349	10.4	0.00102	0.00102	0.00000511	0.00742	0.00134	0.0161	0.0232	0.00000514	20.9	0.0000184	0.00028
2074 Oct	67.3	0.0796	0.0112	0.00103	13.1	0.0399	12.4	0.000987	0.000987	0.00000495	0.0077	0.00126	0.0183	0.0206	0.000005	19.5	0.0000176	0.000248
2074 Nov	72.4	0.0805	0.012	0.00103	13	0.0418	15.9	0.000975	0.000975	0.0000049	0.00771	0.00127	0.0217	0.0203	0.00000496	20	0.0000181	0.000247
2074 Dec	73.4	0.0805	0.0122	0.00103	13	0.0421	16.5	0.000974	0.000974	0.00000489	0.00772	0.00128	0.0223	0.0203	0.00000496	20.1	0.0000182	0.000247
2075 Jan	73.6	0.0805	0.0122	0.00104	13	0.0422	16.6	0.000974	0.000974	0.00000489	0.00772	0.00128	0.0224	0.0203	0.00000496	20.1	0.0000183	0.000247
2075 Feb	73.7	0.0805	0.0122	0.00104	13	0.0422	16.6	0.000974	0.000974	0.00000489	0.00772	0.00128	0.0224	0.0203	0.00000496	20.1	0.0000183	0.000247
2075 Mar	73.8	0.0806	0.0122	0.00104	13	0.0423	16.7	0.000975	0.000975	0.0000049	0.00773	0.00128	0.0225	0.0203	0.00000497	20.2	0.0000183	0.000247
2075 Apr	74.4	0.0812	0.0123	0.00104	13.1	0.0426	16.8	0.000981	0.000981	0.00000493	0.00778	0.00129	0.0227	0.0204	0.000005	20.3	0.0000184	0.000249
2075 May	82	0.0802	0.0149	0.00106	14.6	0.0407	18.1	0.00099	0.00099	0.00000498	0.00771	0.00141	0.0232	0.0241	0.00000505	23.2	0.0000196	0.000286
2075 Jun	44.2	0.0237	0.00846	0.000974	7.43	0.0234	5.35	0.00096	0.00096	0.00000481	0.00722	0.000947	0.0124	0.0135	0.00000482	12.2	0.0000211	0.000211
2075 Jul	39.2	0.0133	0.00745	0.00101	6.45	0.0233	3.71	0.001	0.001	0.000005	0.00722	0.000923	0.0112	0.0121	0.00000501	10.7	0.0000208	0.000195
2075 Aug	42.5	0.017	0.00764	0.00104	7.26	0.0284	5.07	0.00103	0.00103	0.00000514	0.00705	0.000992	0.0127	0.0129	0.00000516	11.7	0.0000185	0.000193
2075 Sep	46.4	0.0268	0.00786	0.00105	8.04	0.0318	6.64	0.00103	0.00103	0.00000517	0.00718	0.00103	0.0144	0.0135	0.00000519	12.6	0.0000179	0.000197
2075 Oct	49.4	0.0456	0.00757	0.00104	9.07	0.0352	7.7	0.00101	0.00101	0.00000508	0.00743	0.00105	0.0151	0.0142	0.00000511	13.5	0.0000174	0.000197
2075 Nov	50.9	0.0488	0.00768	0.00104	9.27	0.0362	8.4	0.00101	0.00101	0.00000508	0.0075	0.00106	0.0157	0.0144	0.00000511	13.8	0.0000174	0.000198
2075 Dec	51.3	0.049	0.00774	0.00104	9.27	0.0363	8.6	0.00101	0.00101	0.00000508	0.0075	0.00106	0.0159	0.0144	0.00000511	13.9	0.0000175	0.000198
2076 Jan	51.3	0.049	0.00774	0.00104	9.27	0.0363	8.63	0.00101	0.00101	0.00000508	0.0075	0.00106	0.016	0.0144	0.00000511	13.9	0.0000175	0.000198
2076 Feb	51.3	0.049	0.00775	0.00104	9.28	0.0363	8.63	0.00101	0.00101	0.00000508	0.00751	0.00106	0.016	0.0144	0.00000511	13.9	0.0000175	0.000198
2076 Mar	51.4	0.049	0.00776	0.00104	9.29	0.0364	8.64	0.00102	0.00102	0.00000509	0.00752	0.00106	0.016	0.0144	0.00000512	13.9	0.0000175	0.000198
2076 Apr	51.6	0.0492	0.00779	0.00104	9.33	0.0365	8.68	0.00102	0.00102	0.00000511	0.00755	0.00107	0.0161	0.0145	0.00000514	13.9	0.0000176	0.000199
2076 May	61.9	0.0548	0.0117	0.00104	12.4	0.0327	8.46	0.00103	0.00103	0.00000513	0.0074	0.00127	0.0144	0.0216	0.00000516	19.1	0.0000187	0.000265
2076 Jun	62.5	0.0413	0.0146	0.000955	13.4	0.0202	5.19	0.000953	0.000953	0.00000476	0.00671	0.00132	0.00937	0.0262	0.00000477	21.5	0.0000206	0.000315
2076 Jul	57.4	0.0331	0.0128	0.001	11.7	0.0225	5.13	0.000999	0.000999	0.000005	0.00699	0.00125	0.0104	0.0226	0.000005	18.8	0.0000207	0.000284
2076 Aug	60	0.0349	0.0128	0.00106	12.1	0.0271	6.38	0.00105	0.00105	0.00000525	0.00714	0.0013	0.0122	0.0227	0.00000526	19.2	0.0000199	0.000282
2076 Sep	61.9	0.0435	0.0123	0.00107	12.2	0.0309	7.98	0.00105	0.00105	0.00000526	0.00729	0.00129	0.0141	0.022	0.00000528	19.2	0.0000191	0.000274
2076 Oct	59.9	0.065	0.0101	0.00103	12.2	0.0357	8.68	0.00101	0.00101	0.00000504	0.00753	0.00122	0.0148	0.0199	0.00000507	18.1	0.0000177	0.000245
2076 Nov	60.7	0.0691	0.0099	0.00102	12.2	0.037	9.48	0.000999	0.000999	0.00000501	0.0076	0.00121	0.0156	0.0195	0.00000503	18	0.0000176	0.00024
2076 Dec	61.2	0.0692	0.00998	0.00102	12.2	0.0372	9.8	0.000999	0.000999	0.000005	0.0076	0.00121	0.0159	0.0195	0.00000503	18	0.0000176	0.00024
2077 Jan	61.3	0.0692	0.00999	0.00102	12.2	0.0372	9.86	0.000998	0.000998	0.000005	0.0076	0.00121	0.016	0.0195	0.00000503	18.1	0.0000176	0.00024
2077 Feb	61.3	0.0692	0.01	0.00102	12.2	0.0372	9.86	0.000999	0.000999	0.000005	0.0076	0.00121	0.016	0.0195	0.00000503	18.1	0.0000176	0.00024
2077 Mar	61.4	0.0692	0.01	0.00102	12.2	0.0373	9.86	0.000999	0.000999	0.00000501	0.0076	0.00121	0.016	0.0195	0.00000504	18.1	0.0000177	0.00024
2077 Apr	61.7	0.0695	0.01	0.00103	12.3	0.0374	9.91	0.001	0.001	0.00000503	0.00764	0.00122	0.0161	0.0196	0.00000506	18.2	0.0000177	0.000241
2077 May	68.2	0.0699	0.0128	0.00103	14.2	0.0342	9.6	0.00101	0.00101	0.00000506	0.0075	0.00135	0.0148	0.0243	0.00000508	21.5	0.0000186	0.000286
2077 Jun	64.1	0.0425	0.0147	0.000974	13.5	0.0213	6.06	0.000968	0.000968	0.00000484	0.00688	0.00133	0.0104	0.026	0.00000485	21.6	0.000021	0.000316
2077 Jul	60.7	0.0349	0.0134	0.00104	11.9	0.0234	6.3	0.00103	0.00103	0.00000518	0.0074	0.00128	0.012	0.023	0.00000519	19.4	0.0000224	0.000296
2077 Aug	63.3	0.037	0.0134	0.0011	12.3	0.0275	7.3	0.00108	0.00108	0.00000542	0.00757	0.00133	0.0135	0.0232	0.00000544	19.9	0.0000217	0.000297
2077 Sep	57.5	0.0619	0.00955	0.00102	12	0.036	7.7	0.00101	0.00101	0.00000504	0.00735	0.00119	0.0143	0.0192	0.00000506	17.5	0.0000165	0.000242
2077 Oct	58.5	0.0759	0.00863	0.00101	12.2	0.0393	8.94	0.000992	0.000992	0.00000497	0.00763	0.00117	0.0155	0.0184	0.00000499	17.3	0.0000163	0.000229
2077 Nov	59.6	0.0763	0.00876	0.00101	12.2	0.0397	9.53	0.000993	0.000993	0.00000498	0.00766	0.00118	0.0161	0.0184	0.00000501	17.4	0.0000164	0.000229
2077 Dec	59.8	0.0764	0.00879	0.00101	12.2	0.0398	9.66	0.000994	0.000994	0.00000498	0.00766	0.00118	0.0162	0.0184	0.00000501	17.4	0.0000165	0.000229
2078 Jan	59.9	0.0764	0.0088	0.00101	12.2	0.0398	9.7	0.000994	0.000994	0.00000498	0.00767	0.00118	0.0162	0.0184	0.00000501	17.4	0.0000165	0.000229
2078 Feb	59.9	0.0764	0.0088	0.00102	12.2	0.0398	9.7	0.000994	0.000994	0.00000498	0.00767	0.00118	0.0162	0.0185	0.00000501	17.4	0.0000165	0.000229
2078 Mar	59.9	0.0764	0.00881	0.00102	12.2	0.0398	9.7	0.000994	0.000994	0.00000498	0.00767	0.00118	0.0162	0.0185	0.00000501	17.4	0.0000165	0.000229
2078 Apr	60.4	0.0771	0.00888	0.00102	12.3	0.0402	9.79	0.001	0.001	0.00000503	0.00774	0.00119	0.0164	0.0186	0.00000505	17.6	0.0000166	0.000231
2078 May	75.7	0.0727	0.0158	0.00101	16.6	0.0303	9.08	0.000995	0.000995	0.00000498	0.00718	0.0015	0.013	0.03	0.000005	25.5	0.0000189	0.000338
2078 Jun	73.1	0.0527	0.0177	0.000953	16.4	0.0201	6.34	0.000951	0.000951	0.00000475	0.00657	0.0015	0.00922	0.032	0.00000476	26.1	0.0000204	0.000364

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Jul	71.3	0.0475	0.0167	0.00102	15.5	0.0235	6.78	0.00101	0.00101	0.00000507	0.00687	0.0015	0.0105	0.0302	0.00000508	24.8	0.0000204	0.000344
2078 Aug	66.9	0.0419	0.0144	0.00104	14.1	0.0296	7.73	0.00103	0.00103	0.00000517	0.0066	0.00144	0.0122	0.0266	0.00000519	22.3	0.0000172	0.000298
2078 Sep	67.2	0.0489	0.0131	0.00105	13.7	0.0344	9.59	0.00103	0.00103	0.00000516	0.00671	0.00139	0.0149	0.0244	0.00000518	21.3	0.0000159	0.000279
2078 Oct	67.5	0.0609	0.0118	0.00103	13.3	0.0375	11.3	0.001	0.001	0.00000503	0.00699	0.00133	0.0167	0.0226	0.00000507	20.4	0.000016	0.000261
2078 Nov	67.9	0.0637	0.0116	0.00103	13.3	0.0383	11.7	0.001	0.001	0.00000502	0.00708	0.00132	0.0172	0.0222	0.00000506	20.3	0.0000161	0.000257
2078 Dec	68.1	0.0637	0.0116	0.00103	13.3	0.0383	11.9	0.001	0.001	0.00000502	0.00708	0.00132	0.0174	0.0222	0.00000506	20.4	0.0000161	0.000257
2079 Jan	68.3	0.0637	0.0117	0.00103	13.3	0.0384	12	0.001	0.001	0.00000502	0.00708	0.00132	0.0175	0.0222	0.00000506	20.4	0.0000162	0.000257
2079 Feb	68.4	0.0637	0.0117	0.00103	13.3	0.0384	12	0.001	0.001	0.00000502	0.00708	0.00133	0.0175	0.0222	0.00000506	20.4	0.0000162	0.000257
2079 Mar	68.5	0.0638	0.0117	0.00103	13.3	0.0385	12.1	0.001	0.001	0.00000502	0.00709	0.00133	0.0176	0.0222	0.00000506	20.4	0.0000162	0.000258
2079 Apr	68.8	0.0641	0.0117	0.00103	13.4	0.0387	12.1	0.00101	0.00101	0.00000505	0.00712	0.00133	0.0177	0.0223	0.00000509	20.5	0.0000163	0.000259
2079 May	71.1	0.0655	0.0125	0.00105	14	0.0385	12.2	0.00102	0.00102	0.00000514	0.00723	0.00138	0.0176	0.0236	0.00000518	21.5	0.0000168	0.000273
2079 Jun	45.1	0.0223	0.00931	0.000959	8.31	0.021	4	0.000955	0.000955	0.00000478	0.00699	0.001	0.0105	0.0158	0.00000478	13.6	0.0000209	0.00023
2079 Jul	42	0.0153	0.00811	0.000999	7.16	0.0234	4.14	0.000993	0.000993	0.00000497	0.0071	0.000969	0.0113	0.0136	0.00000498	11.9	0.0000205	0.000206
2079 Aug	45.3	0.0169	0.00821	0.00105	7.75	0.0285	5.61	0.00104	0.00104	0.00000519	0.00704	0.00105	0.0128	0.0143	0.00000521	12.7	0.0000187	0.000201
2079 Sep	49.4	0.0445	0.00747	0.00102	9.3	0.0346	7.2	0.00101	0.00101	0.00000506	0.00728	0.00107	0.0142	0.0149	0.00000508	13.9	0.0000169	0.000199
2079 Oct	51.9	0.0635	0.00695	0.001	10.2	0.0379	8.1	0.000989	0.000989	0.00000495	0.00754	0.00107	0.0149	0.0154	0.00000498	14.6	0.0000164	0.000197
2079 Nov	52.5	0.0705	0.00673	0.000998	10.6	0.0391	8.24	0.000984	0.000984	0.00000493	0.00765	0.00108	0.0149	0.0155	0.00000495	14.8	0.0000162	0.000197
2079 Dec	53	0.0745	0.00662	0.000995	10.8	0.0398	8.38	0.000981	0.000981	0.00000491	0.00771	0.00108	0.015	0.0156	0.00000494	15	0.0000161	0.000197
2080 Jan	53	0.0745	0.00663	0.000995	10.8	0.0398	8.41	0.000981	0.000981	0.00000491	0.00771	0.00108	0.0151	0.0156	0.00000494	15	0.0000161	0.000197
2080 Feb	53.1	0.0745	0.00663	0.000995	10.8	0.0398	8.42	0.000981	0.000981	0.00000491	0.00771	0.00108	0.0151	0.0156	0.00000494	15	0.0000161	0.000197
2080 Mar	53.1	0.0745	0.00663	0.000995	10.8	0.0398	8.42	0.000981	0.000981	0.00000491	0.00771	0.00108	0.0151	0.0156	0.00000494	15	0.0000161	0.000197
2080 Apr	53.2	0.0748	0.00665	0.000999	10.8	0.04	8.45	0.000984	0.000984	0.00000493	0.00774	0.00109	0.0151	0.0157	0.00000496	15	0.0000162	0.000197
2080 May	54.8	0.0763	0.00696	0.00102	11.2	0.0407	8.65	0.00101	0.00101	0.00000504	0.00789	0.00112	0.0154	0.0163	0.00000506	15.5	0.0000166	0.000204
2080 Jun	41.3	0.0292	0.00707	0.000982	7.4	0.0254	4.1	0.000978	0.000978	0.00000489	0.00739	0.000929	0.0115	0.0128	0.0000049	11.5	0.0000203	0.0002
2080 Jul	38.2	0.0149	0.00682	0.001	6.58	0.0254	3.52	0.000997	0.000997	0.00000499	0.00699	0.000934	0.0108	0.0121	0.00000499	10.6	0.000019	0.000183
2080 Aug	40.9	0.0176	0.00679	0.00103	7.41	0.031	4.64	0.00102	0.00102	0.00000512	0.00667	0.00101	0.0118	0.0131	0.00000513	11.5	0.0000157	0.000176
2080 Sep	45.4	0.038	0.00657	0.00101	9.01	0.0363	5.92	0.00101	0.00101	0.00000504	0.00672	0.00104	0.0134	0.014	0.00000505	13	0.0000136	0.000184
2080 Oct	49.4	0.0579	0.00637	0.001	9.98	0.0392	7.39	0.00099	0.00099	0.00000496	0.00714	0.00106	0.0145	0.0147	0.00000498	14	0.0000141	0.000187
2080 Nov	51.1	0.0685	0.00622	0.000993	10.5	0.0406	7.94	0.000981	0.000981	0.00000491	0.00737	0.00107	0.0148	0.0151	0.00000494	14.4	0.0000144	0.000189
2080 Dec	51.6	0.0691	0.00625	0.000993	10.5	0.0408	8.22	0.00098	0.00098	0.00000491	0.00738	0.00107	0.0151	0.0151	0.00000493	14.5	0.0000144	0.000189
2081 Jan	51.6	0.0691	0.00626	0.000993	10.5	0.0408	8.24	0.00098	0.00098	0.00000491	0.00738	0.00107	0.0151	0.0151	0.00000493	14.5	0.0000145	0.000189
2081 Feb	51.6	0.0691	0.00626	0.000993	10.5	0.0408	8.24	0.00098	0.00098	0.00000491	0.00738	0.00107	0.0151	0.0151	0.00000493	14.5	0.0000145	0.000189
2081 Mar	51.7	0.0691	0.00626	0.000993	10.5	0.0408	8.24	0.000981	0.000981	0.00000491	0.00738	0.00107	0.0151	0.0151	0.00000494	14.5	0.0000145	0.000189
2081 Apr	52	0.0695	0.00632	0.000999	10.6	0.041	8.3	0.000986	0.000986	0.00000494	0.00742	0.00108	0.0152	0.0152	0.00000496	14.6	0.0000145	0.00019
2081 May	69.4	0.0698	0.0137	0.001	15.4	0.0319	7.93	0.000997	0.000997	0.00000499	0.00713	0.00142	0.0123	0.0272	0.000005	23.2	0.0000176	0.000307
2081 Jun	72.6	0.0541	0.0171	0.000973	16.2	0.0217	6.46	0.000971	0.000971	0.00000486	0.00674	0.0015	0.00969	0.0313	0.00000486	25.7	0.0000204	0.000357
2081 Jul	74.4	0.0528	0.0172	0.00105	16.2	0.0238	6.93	0.00105	0.00105	0.00000523	0.00727	0.00154	0.0109	0.0313	0.00000524	25.8	0.0000218	0.000363
2081 Aug	78.2	0.055	0.0176	0.00111	16.8	0.0272	7.98	0.00111	0.00111	0.00000555	0.00762	0.00162	0.0125	0.0321	0.00000556	26.7	0.0000222	0.000373
2081 Sep	72.5	0.0612	0.0145	0.00108	15.4	0.0329	8.73	0.00107	0.00107	0.00000538	0.00745	0.00148	0.0142	0.0275	0.0000054	23.8	0.000019	0.000325
2081 Oct	71.7	0.0689	0.0132	0.00107	14.9	0.0355	9.85	0.00105	0.00105	0.00000528	0.00759	0.00142	0.0154	0.0257	0.0000053	22.7	0.0000186	0.000304
2081 Nov	69.4	0.0751	0.0119	0.00104	14.4	0.0373	10.2	0.00103	0.00103	0.00000515	0.00765	0.00136	0.0158	0.0239	0.00000518	21.5	0.0000179	0.000283
2081 Dec	69.3	0.0757	0.0117	0.00104	14.4	0.0375	10.3	0.00103	0.00103	0.00000514	0.00766	0.00136	0.0159	0.0238	0.00000517	21.4	0.0000179	0.000281
2082 Jan	69.3	0.0757	0.0117	0.00104	14.4	0.0375	10.3	0.00103	0.00103	0.00000514	0.00766	0.00136	0.016	0.0238	0.00000517	21.4	0.0000179	0.000281
2082 Feb	69.4	0.0758	0.0117	0.00104	14.4	0.0375	10.3	0.00103	0.00103	0.00000514	0.00766	0.00136	0.016	0.0238	0.00000517	21.4	0.0000179	0.000282
2082 Mar	69.4	0.0758	0.0118	0.00104	14.4	0.0375	10.3	0.00103	0.00103	0.00000515	0.00767	0.00136	0.016	0.0238	0.00000518	21.4	0.0000179	0.000282
2082 Apr	69.7	0.0761	0.0118	0.00105	14.4	0.0377	10.4	0.00103	0.00103	0.00000517	0.0077	0.00136	0.0161	0.0239	0.0000052	21.5	0.000018	0.000283
2082 May	71.1	0.0776	0.012	0.00107	14.7	0.0384	10.6	0.00105	0.00105	0.00000527	0.00785	0.00139	0.0164	0.0244	0.0000053	22	0.0000184	0.000288
2082 Jun	44.2	0.026	0.00811	0.000975	7.8	0.0239	4.72	0.000969	0.000969	0.00000485	0.00724	0.000965	0.0118	0.014	0.00000486	12.5	0.0000207	0.000215
2082 Jul	37.1	0.0114	0.00692	0.000994	6.22	0.0229	2.93	0.000992	0.000992	0.00000496	0.00708	0.000904	0.0104	0.0118	0.00000497	10.2	0.0000202	0.000189
2082 Aug	40.6	0.0159	0.0071	0.00104	7.14	0.0277	3.89	0.00103	0.00103	0.00000518	0.0071	0.000979	0.0117	0.0128	0.00000518	11.3	0.0000185	0.000193
2082 Sep	43.8	0.0286	0.00699	0.00104	8.19	0.0316	4.81	0.00104	0.00104	0.0000052	0.00721	0.00102	0.0127	0.0136	0.00000521	12.3	0.0000173	0.000197
2082 Oct	47.7	0.0598	0.00621	0.000995	9.76	0.0365	6.25	0.000989	0.000989	0.00000495	0.00749	0.00103	0.0134	0.0145	0.00000496	13.6	0.0000162	0.000193
2082 Nov	49.1	0.0611	0.00629	0.000997	9.84	0.0371	6.97	0.000989	0.000989	0.00000495	0.00753	0.00104	0.0141	0.0146	0.00000497	13.8	0.0000163	0.000194
2082 Dec	49.6	0.0611	0.00633	0.000997	9.83	0.0373	7.24	0.000988	0.000988	0.00000495	0.00753	0.00104	0.0143	0.0146	0.00000497	13.9	0.0000163	0.000194
2083 Jan	49.6	0.0611	0.00633	0.000997	9.84	0.0373	7.26	0.000988	0.000988	0.00000495	0.00753	0.00104	0.0144	0.0146	0.00000497	13.9	0.0000163	0.000194
2083 Feb	49.6	0.0611	0.00633	0.000997	9.84	0.0373	7.26	0.000989	0.000989	0.00000495	0.00753	0.00104	0.0144	0.0146	0.00000497	13.9	0.0000164	0.000194
2083 Mar	49.7	0.0612	0.00634	0.000999	9.85	0.0373	7.27	0.00099	0.00099	0.00000496	0.00754	0.00104	0.0144	0.0146	0.00000498	13.9	0.0000164	0.000194
2083 Apr	50	0.0616	0.00638	0.001	9.91	0.0375	7.31	0.000995	0.000995	0.00000498	0.00758	0.00105	0.0145	0.0147	0.000005	14	0.0000165	0.000195
2083 May	64.7	0.0644	0.0118	0.00101	13.6	0.0325	8.17	0.001	0.001	0.00000502	0.00734	0.00132	0.0134	0.0236	0.00000503	20.6	0.0000183	0.00028
2083 Jun	66.5	0.045	0.0156	0.000954	14.4	0.0203	5.87	0.000952	0.000952	0.00000476	0.00668	0.00138	0.00964	0.028	0.00000476	23	0.0000206	0.000331
2083 Jul	59.4	0.0346	0.0131	0.001	12.2	0.0235	5.69	0.000997	0.000997	0.00000499	0.00685	0.00129	0.0106	0.0236	0.00000499	19.6	0.00002	0.000286
2083 Aug	52.9	0.0276	0.0102	0.00102	10.8	0.0316	5.99	0.00102	0.00102	0.0000051	0.00623	0.00124	0.0113	0.0201	0.00000511	16.9	0.0000144	0.000224
2083 Sep	54.2	0.0522	0.0086	0.001	11.3	0.0365	7.24	0.000997	0.000997	0.00000499	0.00679	0.00119	0.013	0.0188	0.00000501	16.6	0.0000143	0.000214
2083 Oct	54	0.08	0.00678	0.000972	11.8	0.0404	7.67	0.000966	0.000966	0.00000483	0.00744	0.00113	0.0136	0.0174	0.00000485	16.1	0.0000145	0.000202
2083 Nov	54.5	0.085	0.00649	0.000966	11.8	0.0413	8.1	0.000959	0.000959	0.0000048	0.00755	0.00112	0.0141	0.0171	0.00000482	16	0.0000146	0.000199
2083 Dec	54.8	0.085	0.00651	0.000966	11.8	0.0414	8.29	0.000958	0.000958	0.0000048	0.00756	0.00112	0.0142	0.0171	0.00000482	16.1	0.0000147	0.000199
2084 Jan	54.8	0.085	0.00651	0.000966	11.8	0.0414	8.29	0.000958	0.000958	0.0000048	0.00756	0.00112	0.0143	0.0171	0.00000482	16.1	0.0000147	0.000199

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Feb	54.8	0.085	0.00651	0.000966	11.8	0.0414	8.29	0.000958	0.000958	0.0000048	0.00756	0.00112	0.0143	0.0171	0.00000482	16.1	0.0000147	0.000199
2084 Mar	54.9	0.0851	0.00652	0.000967	11.8	0.0414	8.3	0.000959	0.000959	0.0000048	0.00757	0.00112	0.0143	0.0172	0.00000483	16.1	0.0000147	0.0002
2084 Apr	55.4	0.0858	0.00657	0.000975	11.9	0.0418	8.37	0.000967	0.000967	0.00000485	0.00763	0.00113	0.0144	0.0173	0.00000487	16.2	0.0000148	0.000201
2084 May	71.7	0.0786	0.0139	0.00099	16.1	0.0324	8.33	0.000985	0.000985	0.00000493	0.00724	0.00145	0.0122	0.0283	0.00000494	24.1	0.0000178	0.000313
2084 Jun	68.8	0.0494	0.0162	0.000949	15.2	0.0205	5.97	0.000947	0.000947	0.00000474	0.00662	0.00142	0.00934	0.0295	0.00000474	24.2	0.0000203	0.000341
2084 Jul	64	0.041	0.0144	0.001	13.5	0.0235	5.97	0.001	0.001	0.00000501	0.00689	0.00137	0.0104	0.0262	0.00000502	21.7	0.0000202	0.00031
2084 Aug	63.9	0.0408	0.0135	0.00104	13.4	0.028	6.71	0.00104	0.00104	0.00000518	0.00688	0.00137	0.0118	0.0251	0.00000519	21.1	0.0000185	0.000296
2084 Sep	61.8	0.0493	0.0114	0.00102	12.8	0.0331	7.7	0.00102	0.00102	0.00000508	0.00683	0.0013	0.0136	0.0224	0.0000051	19.6	0.0000161	0.000268
2084 Oct	59.4	0.0705	0.00906	0.000992	12.6	0.0374	8.22	0.000985	0.000985	0.00000493	0.00729	0.00121	0.0142	0.02	0.00000495	18.2	0.0000157	0.000239
2084 Nov	58.7	0.0768	0.00837	0.000984	12.5	0.0387	8.33	0.000977	0.000977	0.00000489	0.00743	0.00119	0.0143	0.0194	0.00000491	17.8	0.0000155	0.000231
2084 Dec	59	0.0768	0.00839	0.000985	12.5	0.0388	8.48	0.000977	0.000977	0.00000489	0.00743	0.00119	0.0145	0.0194	0.00000492	17.8	0.0000156	0.000231
2085 Jan	59.1	0.0768	0.00839	0.000984	12.5	0.0388	8.57	0.000977	0.000977	0.00000489	0.00743	0.00119	0.0146	0.0194	0.00000491	17.8	0.0000156	0.000231
2085 Feb	59.2	0.0768	0.0084	0.000985	12.5	0.0388	8.59	0.000977	0.000977	0.00000489	0.00743	0.00119	0.0146	0.0194	0.00000491	17.8	0.0000156	0.000231
2085 Mar	59.2	0.0768	0.0084	0.000985	12.5	0.0389	8.59	0.000977	0.000977	0.00000489	0.00744	0.00119	0.0146	0.0194	0.00000492	17.8	0.0000156	0.000231
2085 Apr	59.4	0.0772	0.00844	0.000989	12.6	0.039	8.63	0.000982	0.000982	0.00000492	0.00747	0.0012	0.0147	0.0195	0.00000494	17.9	0.0000157	0.000232
2085 May	73.5	0.0737	0.0147	0.000995	16.3	0.0311	8.55	0.00099	0.00099	0.00000495	0.00714	0.00148	0.0125	0.0291	0.00000497	24.8	0.0000182	0.000326
2085 Jun	76.4	0.0588	0.0179	0.000987	17.2	0.0224	6.94	0.000985	0.000985	0.00000493	0.00684	0.00156	0.00993	0.0331	0.00000493	27.1	0.0000206	0.000373
2085 Jul	74.4	0.0531	0.0168	0.00104	16.2	0.0257	7.34	0.00104	0.00104	0.00000519	0.00703	0.00155	0.011	0.0313	0.0000052	25.8	0.0000203	0.000352
2085 Aug	65.4	0.0463	0.013	0.00103	14	0.0324	7.66	0.00102	0.00102	0.00000511	0.00646	0.0014	0.0127	0.0253	0.00000512	21.6	0.0000152	0.000287
2085 Sep	60.7	0.0632	0.00959	0.000992	12.9	0.0383	8.51	0.000985	0.000985	0.00000493	0.00676	0.00125	0.0146	0.0208	0.00000495	18.8	0.0000135	0.000243
2085 Oct	59.4	0.0778	0.00802	0.00097	12.6	0.0405	9.1	0.000963	0.000963	0.00000482	0.00719	0.00119	0.0152	0.0191	0.00000485	17.7	0.000014	0.000224
2085 Nov	58.8	0.0834	0.00741	0.000962	12.5	0.0414	9.27	0.000955	0.000955	0.00000478	0.00736	0.00116	0.0153	0.0184	0.00000481	17.3	0.0000142	0.000217
2085 Dec	59	0.0834	0.00742	0.000962	12.5	0.0415	9.38	0.000954	0.000954	0.00000478	0.00736	0.00116	0.0154	0.0184	0.00000481	17.4	0.0000143	0.000217
2086 Jan	59	0.0834	0.00742	0.000962	12.5	0.0415	9.4	0.000954	0.000954	0.00000478	0.00736	0.00116	0.0154	0.0184	0.00000481	17.4	0.0000143	0.000217
2086 Feb	59	0.0834	0.00742	0.000962	12.5	0.0415	9.4	0.000954	0.000954	0.00000478	0.00736	0.00116	0.0154	0.0184	0.00000481	17.4	0.0000143	0.000217
2086 Mar	59.1	0.0835	0.00742	0.000963	12.5	0.0415	9.4	0.000955	0.000955	0.00000478	0.00736	0.00116	0.0155	0.0184	0.00000481	17.4	0.0000143	0.000217
2086 Apr	59.4	0.084	0.00747	0.000969	12.6	0.0417	9.46	0.000961	0.000961	0.00000481	0.00741	0.00117	0.0156	0.0185	0.00000484	17.5	0.0000144	0.000218
2086 May	65.5	0.0829	0.00999	0.000988	14.1	0.0391	9.49	0.000981	0.000981	0.00000491	0.00741	0.00129	0.0149	0.0224	0.00000494	20.3	0.0000157	0.000258
2086 Jun	55.2	0.0349	0.0121	0.000959	11.3	0.0211	4.76	0.000957	0.000957	0.00000479	0.0069	0.00118	0.01	0.0216	0.00000479	18	0.0000207	0.000278
2086 Jul	49.8	0.0243	0.0101	0.00102	9.3	0.0238	4.72	0.00102	0.00102	0.00000509	0.00723	0.00111	0.0112	0.0178	0.0000051	15.1	0.000021	0.000243
2086 Aug	50.9	0.0258	0.0092	0.00104	9.53	0.0301	6.1	0.00103	0.00103	0.00000518	0.00688	0.00114	0.0129	0.0173	0.0000052	15.1	0.0000174	0.000225
2086 Sep	52.7	0.0432	0.00792	0.00101	10.3	0.0363	7.47	0.00101	0.00101	0.00000504	0.00679	0.00112	0.0147	0.0165	0.00000506	15.3	0.0000144	0.000214
2086 Oct	55.1	0.0548	0.0075	0.001	10.7	0.0384	8.71	0.000996	0.000996	0.00000499	0.00706	0.00112	0.0157	0.0165	0.00000501	15.6	0.0000147	0.000211
2086 Nov	55.7	0.0552	0.00753	0.00101	10.7	0.0387	8.99	0.000998	0.000998	0.000005	0.00708	0.00113	0.016	0.0165	0.00000503	15.7	0.0000148	0.000211
2086 Dec	55.9	0.0552	0.00754	0.00101	10.7	0.0387	9.14	0.000997	0.000997	0.000005	0.00708	0.00113	0.0162	0.0165	0.00000503	15.7	0.0000148	0.000211
2087 Jan	56	0.0552	0.00754	0.00101	10.7	0.0388	9.16	0.000997	0.000997	0.000005	0.00708	0.00113	0.0162	0.0165	0.00000503	15.7	0.0000148	0.000211
2087 Feb	56	0.0552	0.00754	0.00101	10.7	0.0388	9.16	0.000998	0.000998	0.000005	0.00709	0.00113	0.0162	0.0166	0.00000503	15.8	0.0000148	0.000212
2087 Mar	56.1	0.0553	0.00755	0.00101	10.7	0.0388	9.17	0.000999	0.000999	0.00000501	0.0071	0.00113	0.0162	0.0166	0.00000504	15.8	0.0000149	0.000212
2087 Apr	56.3	0.0555	0.00758	0.00101	10.8	0.0389	9.2	0.001	0.001	0.00000502	0.00712	0.00114	0.0163	0.0166	0.00000505	15.8	0.0000149	0.000212
2087 May	64.2	0.0587	0.0111	0.00101	13.2	0.0348	8.83	0.001	0.001	0.00000503	0.00704	0.0013	0.0146	0.0224	0.00000505	19.9	0.0000164	0.000267
2087 Jun	70.5	0.0506	0.0164	0.000986	15.5	0.0221	6.23	0.000984	0.000984	0.00000492	0.00683	0.00146	0.00993	0.03	0.00000493	24.7	0.0000205	0.000348
2087 Jul	64.1	0.0401	0.0139	0.00102	13.5	0.0262	6.39	0.00102	0.00102	0.0000051	0.00678	0.00139	0.0108	0.026	0.00000511	21.5	0.0000188	0.000299
2087 Aug	64.3	0.0389	0.0133	0.00107	13.4	0.0302	7.07	0.00106	0.00106	0.00000532	0.00684	0.00141	0.012	0.0253	0.00000533	21.2	0.0000177	0.000287
2087 Sep	65.6	0.0489	0.0123	0.00107	13.4	0.0338	8.34	0.00107	0.00107	0.00000533	0.00712	0.00139	0.0137	0.0242	0.00000535	20.8	0.0000174	0.000278
2087 Oct	64.7	0.0609	0.0108	0.00104	13.1	0.0364	9.14	0.00104	0.00104	0.00000519	0.00732	0.00133	0.0146	0.0225	0.00000522	19.9	0.000017	0.000259
2087 Nov	63.9	0.0656	0.0102	0.00103	13.1	0.0373	9.17	0.00103	0.00103	0.00000515	0.00741	0.0013	0.0147	0.0219	0.00000517	19.5	0.0000168	0.000253
2087 Dec	64.3	0.0656	0.0102	0.00103	13.1	0.0374	9.41	0.00103	0.00103	0.00000514	0.00741	0.00131	0.015	0.0219	0.00000517	19.6	0.0000169	0.000253
2088 Jan	64.4	0.0656	0.0102	0.00103	13.1	0.0374	9.46	0.00103	0.00103	0.00000514	0.00741	0.00131	0.015	0.0219	0.00000517	19.6	0.0000169	0.000253
2088 Feb	64.4	0.0656	0.0102	0.00103	13.1	0.0374	9.46	0.00103	0.00103	0.00000514	0.00741	0.00131	0.015	0.0219	0.00000517	19.6	0.0000169	0.000253
2088 Mar	64.5	0.0656	0.0102	0.00104	13.1	0.0375	9.47	0.00103	0.00103	0.00000515	0.00742	0.00131	0.0151	0.0219	0.00000518	19.6	0.0000169	0.000253
2088 Apr	65.3	0.0664	0.0104	0.00105	13.2	0.0379	9.59	0.00104	0.00104	0.00000521	0.00751	0.00132	0.0152	0.0222	0.00000524	19.8	0.0000171	0.000256
2088 May	68.2	0.0689	0.0111	0.00107	13.9	0.0385	9.89	0.00107	0.00107	0.00000534	0.00767	0.00138	0.0155	0.0235	0.00000537	20.9	0.0000176	0.00027
2088 Jun	45	0.0255	0.00855	0.000994	8.25	0.0236	4.07	0.000992	0.000992	0.00000496	0.00729	0.00101	0.011	0.0152	0.00000497	13.2	0.0000209	0.000224
2088 Jul	43.4	0.0184	0.00812	0.00105	7.42	0.0238	3.87	0.00104	0.00104	0.00000522	0.00765	0.000994	0.0116	0.0139	0.00000523	12.2	0.0000223	0.000219
2088 Aug	47.8	0.0212	0.00853	0.00112	8.18	0.0277	4.96	0.00111	0.00111	0.00000557	0.00799	0.00108	0.0132	0.0149	0.00000558	13.3	0.0000224	0.00023
2088 Sep	50.9	0.0293	0.00834	0.00111	8.79	0.0309	6.34	0.00111	0.00111	0.00000555	0.008	0.0011	0.0146	0.0153	0.00000557	14	0.0000214	0.00023
2088 Oct	51.5	0.0623	0.00679	0.00103	10.2	0.0363	6.81	0.00103	0.00103	0.00000514	0.00796	0.00108	0.0141	0.0156	0.00000516	14.5	0.0000183	0.000211
2088 Nov	51.7	0.0697	0.00649	0.00102	10.6	0.0376	6.87	0.00102	0.00102	0.00000508	0.008	0.00108	0.014	0.0157	0.0000051	14.7	0.0000177	0.000208
2088 Dec	52	0.0697	0.0065	0.00102	10.6	0.0377	7.02	0.00102	0.00102	0.00000508	0.008	0.00108	0.0141	0.0157	0.0000051	14.8	0.0000178	0.000208
2089 Jan	52	0.0697	0.0065	0.00102	10.6	0.0377	7.03	0.00102	0.00102	0.00000508	0.008	0.00108	0.0142	0.0157	0.0000051	14.8	0.0000178	0.000208
2089 Feb	52	0.0697	0.0065	0.00102	10.6	0.0377	7.03	0.00102	0.00102	0.00000508	0.008	0.00108	0.0142	0.0157	0.0000051	14.8	0.0000178	0.000208
2089 Mar	52.1	0.0699	0.00651	0.00102	10.6	0.0378	7.05	0.00102	0.00102	0.00000509	0.00801	0.00108	0.0142	0.0157	0.00000511	14.8	0.0000178	0.000208
2089 Apr	52.5	0.0704	0.00656	0.00103	10.7	0.0381	7.1	0.00102	0.00102	0.00000513	0.00807	0.00109	0.0143	0.0159	0.00000515	14.9	0.0000179	0.00021
2089 May	64.2	0.0704	0.0115	0.00103	13.9	0.0329	7.23	0.00102	0.00102	0.00000512	0.0077	0.00132	0.0126	0.0238	0.00000513	20.6	0.000019	0.000283
2089 Jun	75	0.0569	0.0177	0.001	16.8	0.0222	6.5	0.000999	0.000999	0.00000499	0.00697	0.00155	0.00976	0.0325	0.000005	26.6	0.0000211	0.00037
2089 Jul	69.3	0.0462	0.0152	0.00103	14.8	0.0266	7.05	0.00103	0.00103	0.00000517	0.00688	0.00147	0.011	0.0285	0.00000518	23.5	0.0000193	0.000321
2089 Aug	66.3	0.0401	0.0134	0.00107	13.7	0.0317	7.83	0.00107	0.00107	0.00000533	0.0067	0.00145	0.0123	0.0261	0.00000535	21.8	0.0000168	0.000284

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Sep	66	0.0525	0.0117	0.00105	13.4	0.0355	9.06	0.00105	0.00105	0.00000524	0.00697	0.00139	0.0141	0.024	0.00000526	20.8	0.0000163	0.000266
2089 Oct	59.5	0.0797	0.0081	0.000985	12.7	0.0397	8.58	0.000981	0.000981	0.00000491	0.00747	0.00121	0.0141	0.0197	0.00000493	17.9	0.0000154	0.000225
2089 Nov	59.1	0.0831	0.00776	0.000984	12.7	0.0404	8.59	0.000979	0.000979	0.0000049	0.00757	0.0012	0.0142	0.0194	0.00000493	17.7	0.0000154	0.000221
2089 Dec	59.4	0.0831	0.00776	0.000984	12.7	0.0405	8.72	0.000979	0.000979	0.0000049	0.00757	0.0012	0.0144	0.0194	0.00000493	17.8	0.0000154	0.000222
2090 Jan	59.4	0.0831	0.00777	0.000984	12.7	0.0405	8.75	0.000979	0.000979	0.00000491	0.00757	0.0012	0.0144	0.0194	0.00000493	17.8	0.0000154	0.000222
2090 Feb	59.5	0.0831	0.00777	0.000985	12.7	0.0405	8.75	0.00098	0.00098	0.00000491	0.00758	0.0012	0.0144	0.0194	0.00000493	17.8	0.0000154	0.000222
2090 Mar	59.5	0.0832	0.00778	0.000986	12.7	0.0406	8.76	0.000981	0.000981	0.00000491	0.00758	0.0012	0.0144	0.0194	0.00000494	17.8	0.0000154	0.000222
2090 Apr	59.8	0.0836	0.00782	0.00099	12.8	0.0407	8.8	0.000985	0.000985	0.00000494	0.00762	0.00121	0.0145	0.0195	0.00000496	17.9	0.0000155	0.000223
2090 May	63.3	0.0836	0.00893	0.001	13.5	0.0401	9.24	0.000997	0.000997	0.000005	0.00765	0.00127	0.0147	0.0212	0.00000502	19.2	0.0000162	0.000241
2090 Jun	58.7	0.038	0.0129	0.000961	12.1	0.0213	5.35	0.000959	0.000959	0.0000048	0.00689	0.00124	0.0102	0.0232	0.00000481	19.4	0.0000208	0.000291
2090 Jul	53	0.0282	0.011	0.00102	10.2	0.0235	4.98	0.00101	0.00101	0.00000507	0.0072	0.00116	0.011	0.0196	0.00000508	16.5	0.0000211	0.000259
2090 Aug	49.7	0.0339	0.00826	0.000999	10.3	0.0342	5.66	0.000997	0.000997	0.00000499	0.00628	0.00112	0.0129	0.0169	0.000005	15.2	0.0000128	0.000216
2090 Sep	51.3	0.06	0.00681	0.000974	11	0.0389	6.71	0.000971	0.000971	0.00000486	0.00679	0.00109	0.0138	0.0163	0.00000488	15.2	0.0000125	0.000205
2090 Oct	51.6	0.0893	0.00556	0.000957	11.8	0.0419	6.71	0.000955	0.000955	0.00000478	0.0076	0.00108	0.0132	0.0163	0.00000479	15.4	0.0000138	0.000196
2090 Nov	51.8	0.0922	0.0054	0.00095	11.9	0.0421	6.84	0.000948	0.000948	0.00000475	0.00766	0.00107	0.0132	0.0162	0.00000476	15.3	0.0000139	0.000194
2090 Dec	52.1	0.0922	0.00541	0.00095	11.8	0.0422	7.02	0.000948	0.000948	0.00000474	0.00766	0.00107	0.0134	0.0162	0.00000476	15.4	0.000014	0.000194
2091 Jan	52.2	0.0922	0.00541	0.00095	11.8	0.0422	7.09	0.000947	0.000947	0.00000474	0.00766	0.00107	0.0135	0.0162	0.00000476	15.4	0.000014	0.000194
2091 Feb	52.2	0.0922	0.00541	0.00095	11.8	0.0422	7.1	0.000947	0.000947	0.00000474	0.00766	0.00107	0.0135	0.0162	0.00000476	15.4	0.000014	0.000194
2091 Mar	52.3	0.0924	0.00543	0.000952	11.9	0.0423	7.12	0.000949	0.000949	0.00000475	0.00768	0.00107	0.0135	0.0163	0.00000477	15.4	0.000014	0.000194
2091 Apr	52.8	0.0931	0.00547	0.00096	12	0.0427	7.18	0.000958	0.000958	0.00000479	0.00774	0.00108	0.0136	0.0164	0.00000481	15.5	0.0000141	0.000196
2091 May	60.4	0.0903	0.00865	0.000982	13.8	0.0393	7.39	0.00098	0.00098	0.0000049	0.00767	0.00123	0.013	0.0212	0.00000492	19	0.0000156	0.000245
2091 Jun	68	0.05	0.0158	0.00097	15	0.0214	5.72	0.00097	0.00097	0.00000485	0.00683	0.00142	0.00948	0.0289	0.00000485	23.7	0.0000206	0.000338
2091 Jul	66.3	0.0441	0.0148	0.00104	14	0.0237	5.97	0.00104	0.00104	0.0000052	0.00731	0.0014	0.0108	0.0269	0.0000052	22.3	0.0000217	0.000325
2091 Aug	59.8	0.0414	0.0115	0.00102	12.6	0.0315	6.53	0.00102	0.00102	0.00000511	0.00663	0.00129	0.0125	0.0223	0.00000513	19.2	0.0000158	0.000269
2091 Sep	57.6	0.0498	0.00917	0.001	12.1	0.0373	7.56	0.001	0.001	0.000005	0.0065	0.00121	0.0145	0.0194	0.00000502	17.6	0.0000127	0.00024
2091 Oct	56.8	0.0683	0.00765	0.000973	12	0.0395	8.12	0.000969	0.000969	0.00000485	0.00697	0.00115	0.0147	0.0181	0.00000487	16.9	0.0000134	0.000221
2091 Nov	55.4	0.0805	0.00668	0.000959	12	0.0408	7.86	0.000956	0.000956	0.00000478	0.0073	0.00112	0.0143	0.0174	0.0000048	16.4	0.0000138	0.00021
2091 Dec	55.6	0.0808	0.00667	0.000958	12	0.0409	7.98	0.000955	0.000955	0.00000478	0.00731	0.00112	0.0144	0.0174	0.0000048	16.4	0.0000138	0.00021
2092 Jan	55.8	0.0807	0.00667	0.000958	12	0.0409	8.1	0.000955	0.000955	0.00000478	0.00731	0.00112	0.0145	0.0174	0.0000048	16.4	0.0000138	0.00021
2092 Feb	55.9	0.0808	0.00667	0.000958	12	0.041	8.13	0.000955	0.000955	0.00000478	0.00731	0.00112	0.0145	0.0174	0.0000048	16.4	0.0000138	0.00021
2092 Mar	56	0.081	0.00669	0.000961	12.1	0.0411	8.15	0.000957	0.000957	0.00000479	0.00733	0.00112	0.0146	0.0174	0.00000481	16.4	0.0000139	0.00021
2092 Apr	56.4	0.0815	0.00674	0.000967	12.1	0.0414	8.21	0.000964	0.000964	0.00000483	0.00738	0.00113	0.0147	0.0176	0.00000485	16.6	0.0000139	0.000212
2092 May	64.7	0.0798	0.0102	0.000985	14.2	0.0376	8.47	0.000982	0.000982	0.00000492	0.00732	0.00129	0.0139	0.0228	0.00000493	20.4	0.0000157	0.000264
2092 Jun	58.9	0.0376	0.0134	0.000938	12.4	0.0199	4.94	0.000937	0.000937	0.00000469	0.00666	0.00125	0.00944	0.0241	0.00000469	19.9	0.0000204	0.000297
2092 Jul	50.5	0.0245	0.0104	0.000981	9.51	0.0224	4.82	0.000979	0.000979	0.0000049	0.00694	0.00111	0.0108	0.0184	0.00000491	15.6	0.0000205	0.000246
2092 Aug	54.1	0.0273	0.0103	0.00103	10	0.0268	6.18	0.00102	0.00102	0.00000512	0.00706	0.00116	0.0127	0.0187	0.00000514	16.2	0.0000196	0.000248
2092 Sep	57.1	0.0371	0.00918	0.00101	10.3	0.0322	8.4	0.001	0.001	0.00000503	0.00694	0.00115	0.0153	0.0178	0.00000506	16.3	0.0000173	0.000236
2092 Oct	58.9	0.0512	0.00826	0.000987	10.6	0.0352	9.67	0.000982	0.000982	0.00000492	0.00714	0.00114	0.0163	0.0173	0.00000496	16.3	0.0000169	0.000226
2092 Nov	59.8	0.0542	0.00808	0.000982	10.7	0.036	10.2	0.000978	0.000978	0.0000049	0.00719	0.00114	0.0168	0.0172	0.00000494	16.4	0.0000169	0.000224
2092 Dec	59.9	0.0542	0.00809	0.000983	10.7	0.0361	10.3	0.000978	0.000978	0.0000049	0.0072	0.00114	0.0169	0.0172	0.00000494	16.4	0.0000169	0.000224
2093 Jan	60	0.0542	0.00809	0.000983	10.7	0.0361	10.3	0.000978	0.000978	0.0000049	0.0072	0.00114	0.017	0.0172	0.00000494	16.4	0.0000169	0.000224
2093 Feb	60	0.0542	0.00809	0.000983	10.7	0.0361	10.3	0.000978	0.000978	0.0000049	0.0072	0.00114	0.017	0.0172	0.00000494	16.4	0.0000169	0.000224
2093 Mar	60.3	0.0544	0.00812	0.000986	10.8	0.0363	10.4	0.000981	0.000981	0.00000492	0.00723	0.00114	0.0171	0.0173	0.00000496	16.5	0.000017	0.000225
2093 Apr	60.8	0.0548	0.00818	0.000994	10.8	0.0365	10.5	0.000989	0.000989	0.00000496	0.00728	0.00115	0.0172	0.0174	0.00000499	16.6	0.0000171	0.000227
2093 May	68.3	0.0583	0.0113	0.00101	13.1	0.0337	10.3	0.001	0.001	0.00000502	0.00724	0.00131	0.016	0.0227	0.00000505	20.4	0.0000182	0.000275
2093 Jun	66.1	0.045	0.0152	0.000967	14.2	0.0211	5.79	0.000966	0.000966	0.00000483	0.00679	0.00138	0.00982	0.0276	0.00000484	22.7	0.0000207	0.000328
2093 Jul	61.7	0.0372	0.0134	0.00102	12.7	0.0241	5.71	0.00102	0.00102	0.00000511	0.00702	0.00133	0.0107	0.0246	0.00000511	20.4	0.0000204	0.000298
2093 Aug	62.2	0.0363	0.0126	0.00106	12.6	0.0285	6.66	0.00105	0.00105	0.00000528	0.00699	0.00135	0.0121	0.0238	0.00000529	20	0.0000188	0.000283
2093 Sep	61.8	0.0502	0.0109	0.00104	12.5	0.0329	7.71	0.00103	0.00103	0.00000518	0.00717	0.00129	0.0135	0.022	0.00000519	19.2	0.0000176	0.000263
2093 Oct	56.9	0.0787	0.00761	0.000976	12.2	0.0383	7.58	0.000973	0.000973	0.00000487	0.00755	0.00116	0.0135	0.0187	0.00000489	17.1	0.0000159	0.000222
2093 Nov	55.8	0.088	0.00672	0.000969	12.3	0.0402	7.52	0.000967	0.000967	0.00000484	0.00775	0.00113	0.0135	0.018	0.00000485	16.6	0.0000155	0.000213
2093 Dec	56	0.088	0.00672	0.000969	12.3	0.0403	7.61	0.000967	0.000967	0.00000484	0.00775	0.00114	0.0136	0.018	0.00000486	16.6	0.0000156	0.000213
2094 Jan	56.1	0.088	0.00672	0.000969	12.3	0.0403	7.67	0.000967	0.000967	0.00000484	0.00775	0.00114	0.0137	0.018	0.00000486	16.7	0.0000156	0.000213
2094 Feb	56.1	0.088	0.00672	0.000969	12.3	0.0403	7.69	0.000967	0.000967	0.00000484	0.00775	0.00114	0.0137	0.018	0.00000486	16.7	0.0000156	0.000213
2094 Mar	56.3	0.0881	0.00674	0.000971	12.3	0.0404	7.7	0.000968	0.000968	0.00000485	0.00777	0.00114	0.0137	0.018	0.00000487	16.7	0.0000156	0.000213
2094 Apr	56.6	0.0886	0.00677	0.000976	12.4	0.0406	7.74	0.000973	0.000973	0.00000487	0.00781	0.00114	0.0138	0.0181	0.00000489	16.8	0.0000157	0.000214
2094 May	67.2	0.0823	0.0116	0.000979	15	0.0345	7.96	0.000977	0.000977	0.00000489	0.00744	0.00135	0.0125	0.0252	0.0000049	21.9	0.0000174	0.000285
2094 Jun	76.9	0.06	0.0178	0.000994	17.2	0.0229	7.07	0.000994	0.000994	0.00000497	0.00696	0.00157	0.0101	0.033	0.00000498	27.1	0.0000209	0.000373
2094 Jul	77.2	0.0561	0.0172	0.00107	16.7	0.0259	7.64	0.00107	0.00107	0.00000534	0.00738	0.00159	0.0115	0.0321	0.00000535	26.5	0.0000217	0.000366
2094 Aug	81.9	0.0571	0.0174	0.00113	17.1	0.0298	9.26	0.00113	0.00113	0.00000567	0.00771	0.00166	0.0136	0.0326	0.00000569	27.3	0.000022	0.000372
2094 Sep	76	0.0689	0.014	0.00109	15.8	0.0344	9.66	0.00109	0.00109	0.00000544	0.00778	0.00151	0.0147	0.0282	0.00000546	24.3	0.0000199	0.000324
2094 Oct	68.3	0.0821	0.0105	0.00102	14.3	0.038	9.54	0.00102	0.00102	0.00000511	0.00782	0.00134	0.0149	0.0234	0.00000513	21	0.0000179	0.000271
2094 Nov	62.4	0.0914	0.00801	0.00098	13.3	0.0404	9.06	0.000978	0.000978	0.0000049	0.00786	0.00122	0.0147	0.0202	0.00000492	18.6	0.0000165	0.000235
2094 Dec	62.2	0.0918	0.00789	0.000978	13.3	0.0405	9.08	0.000975	0.000975	0.00000488	0.00786	0.00121	0.0147	0.02	0.00000491	18.5	0.0000164	0.000234
2095 Jan	62.4	0.0917	0.00789	0.000977	13.2	0.0406	9.17	0.000975	0.000975	0.00000488	0.00786	0.00121	0.0148	0.02	0.00000491	18.5	0.0000164	0.000234
2095 Feb	62.4	0.0917	0.00789	0.000978	13.3	0.0406	9.18	0.000975	0.000975	0.00000488	0.00786	0.00121	0.0148	0.02	0.00000491	18.5	0.0000165	0.000234
2095 Mar	62.5	0.0918	0.0079	0.000979	13.3	0.0406	9.2	0.000976	0.000976	0.00000489	0.00787	0.00121	0.0149	0.0201	0.00000491	18.5	0.0000165	0.000234

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Apr	62.9	0.0924	0.00795	0.000985	13.4	0.0409	9.27	0.000982	0.000982	0.00000492	0.00792	0.00122	0.015	0.0202	0.00000494	18.7	0.0000166	0.000235
2095 May	72.8	0.084	0.0133	0.00099	16.2	0.0334	8.61	0.000988	0.000988	0.00000495	0.00747	0.00144	0.0127	0.028	0.00000496	24	0.0000183	0.000312
2095 Jun	81	0.068	0.0186	0.00102	18.4	0.0245	7.46	0.00102	0.00102	0.00000508	0.00713	0.00164	0.0103	0.0351	0.00000509	28.8	0.000021	0.00039
2095 Jul	80	0.0634	0.0179	0.00109	17.9	0.028	7.64	0.00108	0.00108	0.00000542	0.00738	0.00167	0.0111	0.0341	0.00000543	28	0.0000207	0.000376
2095 Aug	67.7	0.0513	0.0135	0.00105	14.9	0.0332	7.21	0.00105	0.00105	0.00000525	0.00663	0.00146	0.0119	0.0271	0.00000526	22.8	0.0000154	0.000298
2095 Sep	63.9	0.0538	0.0112	0.00103	13.8	0.0373	7.78	0.00103	0.00103	0.00000516	0.00652	0.00135	0.0137	0.0234	0.00000517	20.5	0.000013	0.000268
2095 Oct	64.4	0.0606	0.0103	0.00102	13.6	0.0387	8.72	0.00102	0.00102	0.00000509	0.00673	0.00132	0.0147	0.0224	0.00000511	20	0.0000134	0.000258
2095 Nov	61.8	0.0725	0.00882	0.000994	13.2	0.0401	8.62	0.000992	0.000992	0.00000497	0.00707	0.00125	0.0146	0.0207	0.00000499	18.8	0.0000138	0.000239
2095 Dec	61.6	0.0737	0.00867	0.000992	13.1	0.0403	8.67	0.00099	0.00099	0.00000496	0.0071	0.00124	0.0147	0.0205	0.00000498	18.7	0.0000138	0.000237
2096 Jan	61.8	0.0736	0.00867	0.000991	13.1	0.0403	8.76	0.000989	0.000989	0.00000495	0.0071	0.00124	0.0148	0.0205	0.00000498	18.7	0.0000138	0.000237
2096 Feb	61.9	0.0737	0.00868	0.000992	13.1	0.0403	8.78	0.00099	0.00099	0.00000496	0.00711	0.00125	0.0148	0.0205	0.00000498	18.7	0.0000138	0.000237
2096 Mar	61.9	0.0738	0.00869	0.000993	13.2	0.0404	8.79	0.000991	0.000991	0.00000496	0.00711	0.00125	0.0148	0.0206	0.00000498	18.7	0.0000139	0.000238
2096 Apr	62.3	0.0742	0.00874	0.000999	13.2	0.0406	8.84	0.000997	0.000997	0.00000499	0.00716	0.00125	0.0149	0.0207	0.00000502	18.9	0.0000139	0.000239
2096 May	69.4	0.0736	0.0115	0.001	14.8	0.0372	9.28	0.001	0.001	0.00000502	0.00711	0.00138	0.0144	0.0249	0.00000504	22	0.0000156	0.000282
2096 Jun	48.7	0.0264	0.0104	0.000942	9.46	0.0202	3.98	0.000942	0.000942	0.00000471	0.00684	0.00106	0.00984	0.0182	0.00000471	15.3	0.0000206	0.000249
2096 Jul	46	0.0199	0.00913	0.00101	8.3	0.0226	4.01	0.001	0.001	0.00000503	0.00722	0.00104	0.0108	0.0159	0.00000503	13.6	0.0000212	0.00023
2096 Aug	49.8	0.023	0.00929	0.00106	8.99	0.0265	4.99	0.00106	0.00106	0.00000531	0.00745	0.00111	0.0124	0.0167	0.00000532	14.5	0.0000208	0.000238
2096 Sep	51.6	0.0455	0.00796	0.00103	9.99	0.0325	6.09	0.00103	0.00103	0.00000514	0.00749	0.0011	0.0133	0.0165	0.00000516	14.9	0.0000182	0.000224
2096 Oct	52.7	0.0785	0.00621	0.000979	11.2	0.0387	6.92	0.000978	0.000978	0.0000049	0.00779	0.00108	0.0135	0.0163	0.00000491	15.2	0.0000163	0.000205
2096 Nov	53	0.084	0.00598	0.000978	11.5	0.0398	6.97	0.000977	0.000977	0.00000489	0.00788	0.00108	0.0135	0.0164	0.0000049	15.4	0.000016	0.000204
2096 Dec	53.1	0.084	0.00598	0.000978	11.5	0.0399	7.04	0.000977	0.000977	0.00000489	0.00788	0.00108	0.0136	0.0164	0.0000049	15.4	0.0000161	0.000204
2097 Jan	53.2	0.0839	0.00598	0.000978	11.4	0.0399	7.08	0.000976	0.000976	0.00000489	0.00788	0.00108	0.0136	0.0164	0.0000049	15.4	0.0000161	0.000204
2097 Feb	53.2	0.0839	0.00598	0.000978	11.4	0.0399	7.08	0.000976	0.000976	0.00000489	0.00788	0.00108	0.0136	0.0164	0.0000049	15.4	0.0000161	0.000204
2097 Mar	53.3	0.084	0.00599	0.000979	11.5	0.0399	7.09	0.000978	0.000978	0.00000489	0.00789	0.00109	0.0137	0.0164	0.00000491	15.4	0.0000161	0.000204
2097 Apr	53.7	0.0847	0.00603	0.000987	11.6	0.0402	7.15	0.000985	0.000985	0.00000493	0.00795	0.00109	0.0138	0.0165	0.00000495	15.5	0.0000162	0.000205
2097 May	62	0.0829	0.00953	0.00101	13.7	0.0368	7.34	0.001	0.001	0.00000502	0.00782	0.00126	0.013	0.0219	0.00000504	19.5	0.0000175	0.000259
2097 Jun	69.8	0.0561	0.0158	0.000994	15.5	0.0234	6.02	0.000994	0.000994	0.00000497	0.00707	0.00145	0.0099	0.0295	0.00000497	24.3	0.0000207	0.000342
2097 Jul	68.6	0.0505	0.0149	0.00106	14.8	0.0263	6.28	0.00106	0.00106	0.00000531	0.0074	0.00146	0.0109	0.028	0.00000531	23.2	0.000021	0.000329
2097 Aug	67.5	0.0483	0.0139	0.00109	14.4	0.0302	6.72	0.00109	0.00109	0.00000545	0.00731	0.00145	0.0119	0.0267	0.00000545	22.4	0.0000192	0.00031
2097 Sep	67.6	0.0529	0.013	0.00109	14.3	0.0329	7.38	0.00109	0.00109	0.00000546	0.00739	0.00143	0.013	0.0257	0.00000547	21.9	0.0000184	0.000301
2097 Oct	65.4	0.0635	0.0113	0.00106	13.9	0.0353	7.68	0.00106	0.00106	0.00000531	0.00753	0.00136	0.0134	0.0238	0.00000533	20.7	0.0000177	0.000279
2097 Nov	64.1	0.0685	0.0105	0.00105	13.6	0.0363	7.74	0.00105	0.00105	0.00000523	0.00759	0.00132	0.0135	0.0229	0.00000525	20.1	0.0000174	0.000268
2097 Dec	64.1	0.0688	0.0105	0.00105	13.6	0.0364	7.81	0.00104	0.00104	0.00000523	0.00759	0.00132	0.0136	0.0228	0.00000524	20	0.0000173	0.000267
2098 Jan	64.2	0.0688	0.0105	0.00104	13.6	0.0365	7.88	0.00104	0.00104	0.00000522	0.00759	0.00132	0.0137	0.0228	0.00000524	20	0.0000174	0.000267
2098 Feb	64.3	0.0688	0.0105	0.00105	13.6	0.0365	7.89	0.00104	0.00104	0.00000522	0.00759	0.00132	0.0137	0.0228	0.00000524	20.1	0.0000174	0.000267
2098 Mar	64.3	0.0688	0.0105	0.00105	13.6	0.0365	7.89	0.00104	0.00104	0.00000523	0.00759	0.00132	0.0137	0.0228	0.00000525	20.1	0.0000174	0.000267
2098 Apr	65.9	0.0701	0.011	0.00105	14.1	0.0364	8.01	0.00105	0.00105	0.00000525	0.0076	0.00135	0.0136	0.0238	0.00000526	20.8	0.0000175	0.000276
2098 May	78.3	0.0723	0.0165	0.00103	17.7	0.0298	7.99	0.00103	0.00103	0.00000516	0.00721	0.00159	0.0115	0.0325	0.00000517	27.1	0.000019	0.000358
2098 Jun	67	0.0461	0.016	0.000947	14.8	0.0195	5.32	0.000947	0.000947	0.00000473	0.00659	0.0014	0.0088	0.029	0.00000474	23.7	0.0000204	0.000339
2098 Jul	65.3	0.0411	0.015	0.00103	14	0.0222	5.34	0.00102	0.00102	0.00000513	0.00711	0.0014	0.0099	0.0272	0.00000513	22.3	0.0000214	0.000326
2098 Aug	61.7	0.0409	0.0126	0.00103	13.1	0.0289	6.01	0.00103	0.00103	0.00000515	0.00676	0.00133	0.0117	0.024	0.00000516	20.3	0.0000172	0.000289
2098 Sep	56.7	0.0642	0.00876	0.000981	12.4	0.0362	6.65	0.00098	0.00098	0.0000049	0.00698	0.00119	0.0129	0.0197	0.00000491	17.6	0.0000145	0.000238
2098 Oct	54.9	0.0863	0.00651	0.00095	12.2	0.0401	7.23	0.000949	0.000949	0.00000475	0.0075	0.00111	0.0134	0.0176	0.00000476	16.4	0.0000145	0.00021
2098 Nov	54.6	0.0904	0.00611	0.000946	12.2	0.0409	7.34	0.000945	0.000945	0.00000473	0.00761	0.0011	0.0135	0.0173	0.00000474	16.1	0.0000145	0.000205
2098 Dec	54.8	0.0905	0.00611	0.000946	12.2	0.041	7.41	0.000945	0.000945	0.00000473	0.00761	0.0011	0.0135	0.0173	0.00000475	16.2	0.0000145	0.000205
2099 Jan	54.9	0.0904	0.00611	0.000946	12.2	0.041	7.45	0.000945	0.000945	0.00000473	0.00761	0.0011	0.0136	0.0173	0.00000474	16.2	0.0000145	0.000205
2099 Feb	54.9	0.0904	0.00611	0.000946	12.2	0.041	7.48	0.000945	0.000945	0.00000473	0.00761	0.0011	0.0136	0.0173	0.00000475	16.2	0.0000145	0.000205
2099 Mar	55.1	0.0907	0.00613	0.000948	12.2	0.0411	7.51	0.000947	0.000947	0.00000474	0.00763	0.0011	0.0136	0.0173	0.00000476	16.2	0.0000146	0.000206
2099 Apr	58.2	0.0927	0.0071	0.00096	13	0.0409	7.74	0.000958	0.000958	0.0000048	0.00766	0.00116	0.0136	0.019	0.00000481	17.6	0.0000149	0.000222
2099 May	89.3	0.0817	0.0211	0.000967	21.2	0.0243	8.15	0.000967	0.000967	0.00000484	0.00663	0.00179	0.00934	0.0404	0.00000484	32.9	0.0000192	0.000426
2099 Jun	78.1	0.0591	0.0186	0.000967	17.7	0.021	6.84	0.000967	0.000967	0.00000483	0.00666	0.00159	0.00935	0.0344	0.00000484	28	0.0000205	0.000384
2099 Jul	75.5	0.0526	0.0172	0.00103	16.5	0.0246	7.09	0.00103	0.00103	0.00000517	0.00698	0.00157	0.0105	0.0321	0.00000518	26.3	0.0000205	0.00036
2099 Aug	74.5	0.0527	0.0159	0.00108	16.2	0.0297	7.61	0.00107	0.00107	0.00000538	0.00704	0.00156	0.0122	0.0303	0.00000539	25.3	0.0000186	0.000343
2099 Sep	66	0.0611	0.0119	0.00103	14.4	0.0349	7.51	0.00103	0.00103	0.00000513	0.00694	0.00137	0.0131	0.0247	0.00000515	21.4	0.0000154	0.000286
2099 Oct	61.2	0.0774	0.00918	0.000989	13.5	0.0381	7.53	0.000988	0.000988	0.00000494	0.00731	0.00125	0.0133	0.0214	0.00000496	19.1	0.0000151	0.000249
2099 Nov	59	0.084	0.00802	0.00097	13.1	0.0393	7.49	0.000969	0.000969	0.00000485	0.00745	0.0012	0.0133	0.0199	0.00000487	18.1	0.0000149	0.000233
2099 Dec	59.1	0.084	0.00802	0.000971	13.1	0.0393	7.53	0.000969	0.000969	0.00000485	0.00745	0.0012	0.0134	0.0199	0.00000487	18.1	0.0000149	0.000233
2100 Jan	59.2	0.084	0.00802	0.00097	13.1	0.0393	7.6	0.000969	0.000969	0.00000485	0.00745	0.0012	0.0134	0.0199	0.00000487	18.1	0.0000149	0.000233
2100 Feb	59.3	0.084	0.00802	0.00097	13.1	0.0394	7.63	0.000969	0.000969	0.00000485	0.00745	0.0012	0.0135	0.0199	0.00000486	18.1	0.0000149	0.000233
2100 Mar	59.3	0.084	0.00802	0.00097	13.1	0.0394	7.63	0.000969	0.000969	0.00000485	0.00745	0.0012	0.0135	0.0199	0.00000487	18.1	0.0000149	0.000233
2100 Apr	59.8	0.0847	0.00809	0.000979	13.2	0.0397	7.7	0.000978	0.000978	0.00000489	0.00752	0.00121	0.0136	0.0201	0.00000491	18.3	0.000015	0.000235
2100 May	75.2	0.0772	0.015	0.000988	17	0.0307	8.03	0.000987	0.000987	0.00000494	0.00712	0.00151	0.0117	0.0304	0.00000495	25.6	0.0000181	0.000337
2100 Jun	64.4	0.044	0.015	0.000942	14	0.02	5.32	0.000942	0.000942	0.00000471	0.00662	0.00135	0.00917	0.0272	0.00000471	22.3	0.0000203	0.000323
2100 Jul	58.5	0.0341	0.0127	0.000976	11.8	0.0219	5.38	0.000975	0.000975	0.00000488	0.00686	0.00124	0.0104	0.0229	0.00000489	19.1	0.0000205	0.000285
2100 Aug	53.7	0.0347	0.0101	0.000977	11.1	0.0296	5.51	0.000976	0.000976	0.00000488	0.00632	0.00118	0.0116	0.0198	0.00000489	17	0.000015	0.000243
2100 Sep	53.4	0.0425	0.00874	0.000977	11.2	0.0346	6.2	0.000976	0.000976	0.00000489	0.00628	0.00115	0.013	0.0183	0.0000049	16.4	0.0000126	0.000229
2100 Oct	54.6	0.0506	0.00826	0.000975	11.4	0.0361	6.84	0.000974	0.000974	0.00000488	0.00653	0.00115	0.0136	0.0181	0.00000489	16.4	0.000013	0.000225

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2100 Nov	54.9	0.0524	0.00818	0.000976	11.4	0.0364	6.94	0.000975	0.000975	0.00000488	0.00659	0.00115	0.0137	0.0181	0.0000049	16.5	0.0000131	0.000225
2100 Dec	55.1	0.0524	0.00818	0.000977	11.4	0.0365	7.02	0.000976	0.000976	0.00000488	0.00659	0.00115	0.0138	0.0181	0.0000049	16.5	0.0000131	0.000225
2101 Jan	55.3	0.0524	0.00818	0.000976	11.4	0.0366	7.13	0.000975	0.000975	0.00000488	0.00659	0.00115	0.0139	0.0181	0.0000049	16.5	0.0000131	0.000225
2101 Feb	55.4	0.0523	0.00818	0.000976	11.4	0.0366	7.19	0.000975	0.000975	0.00000488	0.00659	0.00115	0.0139	0.0181	0.0000049	16.5	0.0000131	0.000225
2101 Mar	55.4	0.0524	0.00818	0.000976	11.4	0.0366	7.19	0.000975	0.000975	0.00000488	0.00659	0.00115	0.014	0.0181	0.0000049	16.5	0.0000132	0.000225
2101 Apr	55.7	0.0527	0.00823	0.000981	11.5	0.0368	7.24	0.00098	0.00098	0.00000491	0.00663	0.00116	0.014	0.0182	0.00000492	16.6	0.0000132	0.000226
2101 May	71	0.06	0.0146	0.000994	15.8	0.0297	7.33	0.000993	0.000993	0.00000497	0.00668	0.00145	0.0117	0.0286	0.00000498	24.1	0.0000168	0.000324
2101 Jun	70.3	0.0495	0.0165	0.000968	15.5	0.0211	5.98	0.000968	0.000968	0.00000484	0.00669	0.00146	0.0095	0.0301	0.00000485	24.7	0.0000203	0.000349
2101 Jul	70.7	0.0467	0.0161	0.00104	15.1	0.0232	6.27	0.00104	0.00104	0.0000052	0.0072	0.00148	0.0106	0.0294	0.0000052	24.2	0.0000216	0.000347
2101 Aug	72.8	0.0477	0.016	0.00109	15.4	0.0266	6.94	0.00109	0.00109	0.00000546	0.00742	0.00152	0.0118	0.0295	0.00000547	24.5	0.0000213	0.000348
2101 Sep	65.1	0.06	0.0119	0.00104	14	0.0335	7.06	0.00104	0.00104	0.00000521	0.00726	0.00135	0.013	0.0242	0.00000523	21	0.0000172	0.000289
2101 Oct	63.9	0.0694	0.0104	0.00102	13.6	0.0359	7.65	0.00102	0.00102	0.00000511	0.00743	0.0013	0.0136	0.0225	0.00000512	19.9	0.0000168	0.000269
2101 Nov	60.8	0.0785	0.00882	0.000991	13.2	0.0377	7.59	0.00099	0.00099	0.00000496	0.00754	0.00122	0.0135	0.0207	0.00000497	18.6	0.0000161	0.000246
2101 Dec	60.6	0.0794	0.0087	0.00099	13.1	0.038	7.6	0.000989	0.000989	0.00000495	0.00756	0.00122	0.0136	0.0205	0.00000497	18.5	0.0000161	0.000244
2102 Jan	60.7	0.0794	0.0087	0.00099	13.1	0.038	7.65	0.000989	0.000989	0.00000495	0.00755	0.00122	0.0136	0.0205	0.00000497	18.5	0.0000161	0.000244
2102 Feb	60.7	0.0794	0.0087	0.00099	13.1	0.038	7.66	0.000989	0.000989	0.00000495	0.00756	0.00122	0.0136	0.0205	0.00000497	18.5	0.0000161	0.000244
2102 Mar	60.8	0.0794	0.00871	0.000991	13.1	0.038	7.67	0.00099	0.00099	0.00000496	0.00756	0.00122	0.0136	0.0206	0.00000497	18.6	0.0000161	0.000245
2102 Apr	61	0.0798	0.00874	0.000995	13.2	0.0382	7.7	0.000994	0.000994	0.00000497	0.00759	0.00123	0.0137	0.0206	0.00000499	18.6	0.0000161	0.000246
2102 May	62.2	0.0813	0.00892	0.00101	13.5	0.0389	7.85	0.00101	0.00101	0.00000507	0.00774	0.00125	0.0139	0.0211	0.00000509	19	0.0000165	0.00025
2102 Jun	41.7	0.0272	0.0073	0.000966	7.56	0.024	3.64	0.000965	0.000965	0.00000483	0.00724	0.000934	0.0108	0.0134	0.00000483	11.8	0.0000202	0.000206
2102 Jul	37.3	0.0124	0.0069	0.001	6.29	0.0227	2.66	0.001	0.001	0.00000501	0.00722	0.000906	0.0103	0.0118	0.00000501	10.3	0.0000207	0.000193
2102 Aug	40.4	0.0181	0.00688	0.00103	7.35	0.028	3.39	0.00103	0.00103	0.00000516	0.00707	0.000974	0.0113	0.0128	0.00000516	11.4	0.000018	0.000195
2102 Sep	43.3	0.0324	0.00662	0.00103	8.53	0.0323	4.08	0.00103	0.00103	0.00000516	0.0071	0.00101	0.0121	0.0137	0.00000516	12.4	0.0000162	0.000198
2102 Oct	46.2	0.0611	0.00581	0.000986	9.91	0.0363	5	0.000985	0.000985	0.00000493	0.0074	0.00102	0.0122	0.0146	0.00000494	13.4	0.0000154	0.000193
2102 Nov	46.9	0.0624	0.0058	0.000986	9.99	0.0367	5.25	0.000986	0.000986	0.00000493	0.00744	0.00103	0.0124	0.0146	0.00000494	13.6	0.0000154	0.000193
2102 Dec	47.1	0.0624	0.0058	0.000986	9.99	0.0368	5.35	0.000986	0.000986	0.00000493	0.00744	0.00103	0.0125	0.0146	0.00000494	13.6	0.0000154	0.000193
2103 Jan	47.2	0.0624	0.0058	0.000986	9.99	0.0368	5.35	0.000986	0.000986	0.00000493	0.00744	0.00103	0.0125	0.0146	0.00000494	13.6	0.0000154	0.000193
2103 Feb	47.2	0.0625	0.0058	0.000987	10	0.0368	5.36	0.000986	0.000986	0.00000494	0.00744	0.00103	0.0125	0.0146	0.00000494	13.6	0.0000154	0.000193
2103 Mar	47.2	0.0625	0.00581	0.000988	10	0.0368	5.36	0.000987	0.000987	0.00000494	0.00745	0.00103	0.0126	0.0147	0.00000495	13.6	0.0000155	0.000194
2103 Apr	47.5	0.0629	0.00584	0.000993	10.1	0.037	5.39	0.000993	0.000993	0.00000497	0.00749	0.00103	0.0126	0.0147	0.00000498	13.7	0.0000155	0.000195
2103 May	62.5	0.0652	0.0114	0.001	13.8	0.0319	6.41	0.001	0.001	0.000005	0.00727	0.0013	0.0117	0.0237	0.00000501	20.4	0.0000176	0.000279
2103 Jun	64.8	0.0439	0.0151	0.000954	14	0.0202	5.32	0.000953	0.000953	0.00000477	0.0067	0.00136	0.00926	0.0273	0.00000477	22.4	0.0000205	0.000325
2103 Jul	54.9	0.0305	0.0118	0.000997	11.2	0.0237	4.68	0.000997	0.000997	0.00000498	0.00679	0.00122	0.0099	0.0217	0.00000499	17.9	0.0000193	0.000266
2103 Aug	46.7	0.0236	0.00838	0.00101	9.78	0.0332	4.61	0.00101	0.00101	0.00000504	0.00591	0.00117	0.0101	0.0178	0.00000505	14.8	0.0000119	0.000192
2103 Sep	48.9	0.0536	0.00696	0.000983	10.7	0.0374	5.46	0.000983	0.000983	0.00000492	0.00663	0.00113	0.0114	0.0171	0.00000492	15	0.0000124	0.000192
2103 Oct	50	0.0843	0.00563	0.000957	11.6	0.0407	5.8	0.000956	0.000956	0.00000478	0.00744	0.00108	0.0119	0.0165	0.00000479	15.1	0.0000136	0.00019
2103 Nov	50.4	0.089	0.00544	0.000954	11.7	0.0413	5.94	0.000953	0.000953	0.00000477	0.00757	0.00108	0.012	0.0165	0.00000478	15.2	0.0000138	0.00019
2103 Dec	50.5	0.0889	0.00544	0.000953	11.7	0.0413	6.03	0.000953	0.000953	0.00000477	0.00757	0.00108	0.0121	0.0165	0.00000478	15.2	0.0000138	0.00019
2104 Jan	50.6	0.0889	0.00544	0.000953	11.7	0.0413	6.04	0.000953	0.000953	0.00000477	0.00757	0.00108	0.0121	0.0165	0.00000478	15.2	0.0000138	0.00019
2104 Feb	50.6	0.089	0.00544	0.000954	11.7	0.0413	6.04	0.000953	0.000953	0.00000477	0.00757	0.00108	0.0121	0.0165	0.00000478	15.2	0.0000138	0.00019
2104 Mar	50.6	0.0891	0.00545	0.000955	11.7	0.0414	6.04	0.000954	0.000954	0.00000477	0.00758	0.00108	0.0121	0.0165	0.00000478	15.2	0.0000138	0.00019
2104 Apr	51.1	0.0898	0.00549	0.000963	11.8	0.0417	6.1	0.000963	0.000963	0.00000482	0.00765	0.00109	0.0122	0.0166	0.00000482	15.3	0.0000139	0.000192
2104 May	70	0.0801	0.0137	0.000982	16.3	0.0316	6.85	0.000981	0.000981	0.00000491	0.0072	0.00144	0.0107	0.0286	0.00000491	24	0.0000174	0.000314
2104 Jun	67.5	0.0488	0.0158	0.000949	14.9	0.0205	5.55	0.000949	0.000949	0.00000474	0.00665	0.00141	0.00905	0.029	0.00000475	23.7	0.0000202	0.000337
2104 Jul	61.2	0.0388	0.0136	0.001	13	0.0238	5.22	0.001	0.001	0.00000502	0.00684	0.00133	0.0098	0.0251	0.00000502	20.6	0.0000196	0.000297
2104 Aug	58.6	0.0383	0.0119	0.00102	12.5	0.029	5.44	0.00102	0.00102	0.00000512	0.00663	0.0013	0.0109	0.0231	0.00000512	19.3	0.0000166	0.000271
2104 Sep	55.2	0.0512	0.00937	0.000996	12.1	0.0346	5.71	0.000996	0.000996	0.00000498	0.00663	0.00121	0.012	0.02	0.00000499	17.5	0.0000137	0.000241
2104 Oct	53.7	0.0747	0.00737	0.000973	12.2	0.0384	6.02	0.000972	0.000972	0.00000486	0.00723	0.00114	0.0123	0.0184	0.00000487	16.6	0.000014	0.000219
2104 Nov	53.4	0.0801	0.00695	0.000969	12.2	0.0392	6.07	0.000969	0.000969	0.00000485	0.00738	0.00113	0.0123	0.0181	0.00000486	16.4	0.0000141	0.000214
2104 Dec	53.6	0.0801	0.00695	0.000969	12.2	0.0393	6.15	0.000969	0.000969	0.00000485	0.00738	0.00113	0.0124	0.0181	0.00000486	16.4	0.0000141	0.000214
2105 Jan	53.7	0.08	0.00694	0.000969	12.2	0.0393	6.19	0.000968	0.000968	0.00000484	0.00738	0.00113	0.0124	0.0181	0.00000485	16.4	0.0000141	0.000214
2105 Feb	53.7	0.08	0.00694	0.000969	12.2	0.0393	6.2	0.000968	0.000968	0.00000485	0.00738	0.00113	0.0124	0.0181	0.00000485	16.4	0.0000141	0.000214
2105 Mar	53.7	0.0801	0.00695	0.000969	12.2	0.0393	6.2	0.000969	0.000969	0.00000485	0.00738	0.00113	0.0124	0.0181	0.00000486	16.4	0.0000141	0.000214
2105 Apr	53.9	0.0805	0.00698	0.000974	12.3	0.0395	6.23	0.000974	0.000974	0.00000487	0.00742	0.00114	0.0125	0.0181	0.00000488	16.5	0.0000142	0.000215
2105 May	70.9	0.075	0.0142	0.000984	16.3	0.0306	6.92	0.000983	0.000983	0.00000492	0.00706	0.00146	0.0109	0.029	0.00000493	24.4	0.0000175	0.000323
2105 Jun	77.4	0.0618	0.0182	0.000992	17.6	0.0228	6.63	0.000992	0.000992	0.00000496	0.00687	0.00159	0.00952	0.0339	0.00000496	27.7	0.0000204	0.000379
2105 Jul	72.6	0.0533	0.0163	0.00103	16.2	0.0262	6.53	0.00103	0.00103	0.00000517	0.00688	0.00154	0.0101	0.031	0.00000517	25.4	0.0000192	0.000343
2105 Aug	58.5	0.0437	0.011	0.000997	13	0.0338	5.95	0.000996	0.000996	0.00000498	0.00607	0.0013	0.0114	0.0227	0.00000499	19.3	0.0000123	0.000255
2105 Sep	53.5	0.065	0.00743	0.000961	12.1	0.0394	6.25	0.00096	0.00096	0.00000481	0.00655	0.00114	0.0128	0.0182	0.00000482	16.5	0.0000111	0.000215
2105 Oct	53	0.0827	0.00616	0.000944	12	0.041	6.58	0.000944	0.000944	0.00000472	0.00717	0.0011	0.0129	0.0171	0.00000473	15.9	0.0000126	0.000202
2105 Nov	52.6	0.0879	0.00582	0.000942	12.1	0.0414	6.54	0.000941	0.000941	0.00000471	0.00735	0.00109	0.0128	0.0169	0.00000472	15.7	0.000013	0.000199
2105 Dec	52.7	0.0878	0.00582	0.000941	12.1	0.0414	6.59	0.000941	0.000941	0.00000471	0.00735	0.00109	0.0129	0.0169	0.00000472	15.7	0.000013	0.000199
2106 Jan	52.7	0.0878	0.00582	0.000941	12.1	0.0414	6.59	0.000941	0.000941	0.00000471	0.00735	0.00109	0.0129	0.0169	0.00000472	15.7	0.000013	0.000199
2106 Feb	52.7	0.0879	0.00582	0.000941	12.1	0.0415	6.59	0.000941	0.000941	0.00000471	0.00735	0.00109	0.0129	0.0169	0.00000472	15.7	0.000013	0.000199
2106 Mar	52.8	0.0879	0.00582	0.000942	12.1	0.0415	6.59	0.000941	0.000941	0.00000471	0.00735	0.00109	0.0129	0.0169	0.00000472	15.8	0.000013	0.000199
2106 Apr	53.1	0.0885	0.00586	0.000948	12.1	0.0417	6.64	0.000948	0.000948	0.00000474	0.0074	0.0011	0.0129	0.017	0.00000475	15.9	0.0000131	0.0002
2106 May	60.9	0.0861	0.00902	0.00097	14	0.0384	7	0.00097	0.00097	0.00000485	0.00737	0.00125	0.0125	0.0218	0.00000486	19.3	0.0000148	0.000249

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Jun	56.4	0.0374	0.0124	0.00096	11.7	0.0213	4.56	0.00096	0.00096	0.0000048	0.00691	0.00121	0.00967	0.0224	0.0000048	18.6	0.0000206	0.000284
2106 Jul	49.5	0.0252	0.00998	0.00102	9.53	0.0244	4.18	0.00102	0.00102	0.0000051	0.00712	0.00112	0.0105	0.0182	0.0000051	15.3	0.0000202	0.000241
2106 Aug	46.8	0.0261	0.00799	0.00101	9.43	0.0324	4.72	0.00101	0.00101	0.00000505	0.00629	0.00111	0.0113	0.0165	0.00000506	14.2	0.0000136	0.000201
2106 Sep	48.8	0.0504	0.00658	0.000977	10.5	0.0382	5.68	0.000976	0.000976	0.00000488	0.00647	0.00108	0.0128	0.0158	0.00000489	14.5	0.0000114	0.000196
2106 Oct	50.7	0.0666	0.00604	0.000965	11	0.0399	6.35	0.000965	0.000965	0.00000483	0.00693	0.00108	0.0132	0.0159	0.00000484	14.8	0.0000124	0.000194
2106 Nov	51.1	0.067	0.00604	0.000968	11	0.0401	6.46	0.000967	0.000967	0.00000484	0.00696	0.00108	0.0133	0.016	0.00000485	14.9	0.0000125	0.000195
2106 Dec	51.2	0.067	0.00604	0.000967	11	0.0401	6.52	0.000967	0.000967	0.00000484	0.00696	0.00108	0.0134	0.016	0.00000485	14.9	0.0000125	0.000195
2107 Jan	51.2	0.067	0.00604	0.000967	11	0.0401	6.52	0.000967	0.000967	0.00000484	0.00696	0.00108	0.0134	0.016	0.00000485	14.9	0.0000125	0.000195
2107 Feb	51.3	0.067	0.00605	0.000968	11	0.0401	6.53	0.000967	0.000967	0.00000484	0.00696	0.00108	0.0134	0.016	0.00000486	14.9	0.0000125	0.000195
2107 Mar	51.3	0.0671	0.00605	0.000969	11	0.0402	6.54	0.000969	0.000969	0.00000485	0.00697	0.00108	0.0134	0.016	0.00000486	14.9	0.0000125	0.000195
2107 Apr	51.5	0.0673	0.00607	0.000972	11.1	0.0403	6.56	0.000972	0.000972	0.00000486	0.00699	0.00109	0.0134	0.016	0.00000488	15	0.0000125	0.000196
2107 May	61.2	0.0678	0.0102	0.00098	13.6	0.0353	6.76	0.00098	0.00098	0.0000049	0.00692	0.00127	0.0122	0.0225	0.00000491	19.7	0.0000147	0.000259
2107 Jun	71.7	0.0545	0.0166	0.000989	16.1	0.0227	6	0.000989	0.000989	0.00000495	0.00686	0.00149	0.00957	0.0308	0.00000495	25.3	0.0000202	0.000354
2107 Jul	62.3	0.0409	0.0134	0.00101	13.5	0.027	5.58	0.00101	0.00101	0.00000507	0.00661	0.00138	0.00988	0.0258	0.00000508	21.2	0.0000175	0.000289
2107 Aug	61.4	0.0387	0.0124	0.00105	13.1	0.031	5.92	0.00105	0.00105	0.00000527	0.00661	0.00139	0.0107	0.0247	0.00000528	20.4	0.000016	0.000272
2107 Sep	60.3	0.0551	0.0106	0.00104	13	0.0349	6.46	0.00104	0.00104	0.00000519	0.00699	0.00132	0.0118	0.0226	0.0000052	19.3	0.0000155	0.000254
2107 Oct	58.5	0.0697	0.00886	0.00101	12.8	0.0374	6.76	0.00101	0.00101	0.00000504	0.00729	0.00124	0.0123	0.0207	0.00000506	18.2	0.0000153	0.000235
2107 Nov	57.9	0.074	0.00839	0.001	12.7	0.0382	6.75	0.001	0.001	0.00000501	0.00738	0.00122	0.0124	0.0202	0.00000502	17.9	0.0000152	0.00023
2107 Dec	58.1	0.0739	0.00838	0.001	12.7	0.0382	6.86	0.001	0.001	0.00000501	0.00738	0.00122	0.0125	0.0202	0.00000502	17.9	0.0000152	0.00023
2108 Jan	58.2	0.0739	0.00838	0.001	12.7	0.0382	6.9	0.001	0.001	0.00000501	0.00738	0.00122	0.0125	0.0202	0.00000502	17.9	0.0000152	0.00023
2108 Feb	58.2	0.0739	0.00838	0.001	12.7	0.0382	6.9	0.001	0.001	0.00000501	0.00738	0.00122	0.0125	0.0202	0.00000502	17.9	0.0000152	0.00023
2108 Mar	58.3	0.074	0.00839	0.001	12.7	0.0383	6.92	0.001	0.001	0.00000501	0.00739	0.00123	0.0126	0.0202	0.00000503	17.9	0.0000152	0.00023
2108 Apr	59.1	0.075	0.00854	0.00101	12.9	0.0387	7.01	0.00101	0.00101	0.00000507	0.00748	0.00124	0.0127	0.0206	0.00000509	18.2	0.0000154	0.000234
2108 May	62.7	0.0775	0.00955	0.00104	13.8	0.0389	7.29	0.00104	0.00104	0.0000052	0.00762	0.00131	0.0128	0.0224	0.00000521	19.6	0.000016	0.000252
2108 Jun	48.6	0.0318	0.00966	0.000991	9.55	0.0235	3.87	0.000991	0.000991	0.00000495	0.00725	0.00108	0.0103	0.0177	0.00000496	15	0.0000207	0.000243
2108 Jul	47.8	0.0259	0.00925	0.00106	8.88	0.0246	3.86	0.00106	0.00106	0.00000528	0.00769	0.00108	0.0111	0.0165	0.00000529	14.2	0.0000221	0.00024
2108 Aug	51	0.0289	0.00937	0.00111	9.6	0.0286	4.51	0.00111	0.00111	0.00000557	0.00789	0.00115	0.0123	0.0173	0.00000557	15	0.0000214	0.000246
2108 Sep	52.2	0.0392	0.00868	0.00109	10.1	0.0319	5.19	0.00109	0.00109	0.00000547	0.00781	0.00115	0.013	0.0172	0.00000548	15.2	0.0000196	0.000239
2108 Oct	51	0.0743	0.00651	0.001	11.2	0.0376	5.53	0.001	0.001	0.00000503	0.00786	0.00109	0.0124	0.0165	0.00000503	15.1	0.0000167	0.000211
2108 Nov	51.2	0.0796	0.00624	0.000997	11.4	0.0385	5.63	0.000997	0.000997	0.00000499	0.00791	0.00109	0.0124	0.0165	0.000005	15.2	0.0000163	0.000208
2108 Dec	51.4	0.0795	0.00624	0.000997	11.4	0.0386	5.71	0.000997	0.000997	0.00000499	0.00791	0.00109	0.0125	0.0165	0.000005	15.2	0.0000164	0.000208
2109 Jan	51.4	0.0795	0.00624	0.000997	11.4	0.0386	5.72	0.000997	0.000997	0.00000499	0.00791	0.00109	0.0125	0.0165	0.000005	15.2	0.0000164	0.000208
2109 Feb	51.4	0.0796	0.00624	0.000997	11.4	0.0386	5.72	0.000997	0.000997	0.00000499	0.00791	0.00109	0.0125	0.0165	0.000005	15.2	0.0000164	0.000208
2109 Mar	51.5	0.0797	0.00625	0.000999	11.4	0.0387	5.73	0.000999	0.000999	0.000005	0.00793	0.00109	0.0125	0.0166	0.000005	15.2	0.0000164	0.000208
2109 Apr	51.9	0.0804	0.00631	0.00101	11.5	0.039	5.78	0.00101	0.00101	0.00000504	0.00799	0.0011	0.0126	0.0167	0.00000505	15.3	0.0000165	0.00021
2109 May	65.5	0.0766	0.0121	0.00101	14.9	0.0324	6.35	0.00101	0.00101	0.00000504	0.00755	0.00136	0.0112	0.0256	0.00000504	21.8	0.0000182	0.000295
2109 Jun	77.6	0.0619	0.0183	0.00101	17.7	0.0227	6.43	0.00101	0.00101	0.00000505	0.00703	0.0016	0.00945	0.0341	0.00000505	27.8	0.000021	0.000384
2109 Jul	68.7	0.0479	0.0151	0.00103	15	0.0268	6.26	0.00103	0.00103	0.00000516	0.00681	0.00148	0.0101	0.0289	0.00000517	23.6	0.0000186	0.00032
2109 Aug	63.9	0.0404	0.0129	0.00106	13.6	0.0318	6.47	0.00106	0.00106	0.0000053	0.00655	0.00143	0.0109	0.0257	0.00000531	21.2	0.0000157	0.000276
2109 Sep	60.3	0.0566	0.0102	0.00102	13	0.0358	6.74	0.00102	0.00102	0.00000509	0.0068	0.0013	0.012	0.0223	0.0000051	19.2	0.0000144	0.000247
2109 Oct	55.2	0.0842	0.00699	0.000966	12.5	0.0398	6.57	0.000965	0.000965	0.00000483	0.00745	0.00115	0.0123	0.0186	0.00000484	16.8	0.0000143	0.000212
2109 Nov	55.4	0.0862	0.00683	0.000966	12.5	0.0403	6.7	0.000966	0.000966	0.00000483	0.00752	0.00115	0.0125	0.0185	0.00000485	16.8	0.0000144	0.000211
2109 Dec	55.6	0.0862	0.00683	0.000966	12.5	0.0403	6.79	0.000966	0.000966	0.00000483	0.00752	0.00115	0.0125	0.0185	0.00000484	16.8	0.0000144	0.000211
2110 Jan	55.7	0.0862	0.00683	0.000966	12.5	0.0403	6.8	0.000966	0.000966	0.00000483	0.00752	0.00115	0.0126	0.0185	0.00000485	16.8	0.0000144	0.000211
2110 Feb	55.7	0.0862	0.00683	0.000967	12.5	0.0403	6.8	0.000966	0.000966	0.00000484	0.00752	0.00115	0.0126	0.0185	0.00000485	16.8	0.0000144	0.000211
2110 Mar	55.8	0.0863	0.00684	0.000968	12.5	0.0404	6.81	0.000968	0.000968	0.00000484	0.00753	0.00115	0.0126	0.0185	0.00000485	16.8	0.0000145	0.000211
2110 Apr	56	0.0867	0.00687	0.000973	12.5	0.0406	6.85	0.000972	0.000972	0.00000487	0.00757	0.00116	0.0126	0.0186	0.00000488	16.9	0.0000145	0.000212
2110 May	61.1	0.0854	0.00882	0.000984	13.7	0.0386	7.17	0.000984	0.000984	0.00000492	0.00753	0.00125	0.0125	0.0215	0.00000494	19.1	0.0000155	0.000243
2110 Jun	62.7	0.0438	0.0141	0.000965	13.4	0.0214	5.24	0.000965	0.000965	0.00000482	0.00686	0.00132	0.00962	0.0257	0.00000483	21.3	0.0000206	0.000311
2110 Jul	55.6	0.0327	0.0117	0.00101	11.3	0.0243	4.73	0.00101	0.00101	0.00000505	0.00696	0.00123	0.0101	0.0217	0.00000506	18	0.0000197	0.000268
2110 Aug	45.7	0.0303	0.00726	0.000979	9.9	0.0362	4.66	0.000979	0.000979	0.0000049	0.00568	0.00111	0.0112	0.0163	0.0000049	14.2	0.00000935	0.000186
2110 Sep	48.4	0.0667	0.00583	0.000952	11	0.0402	5.5	0.000952	0.000952	0.00000476	0.00668	0.00107	0.0122	0.0159	0.00000477	14.6	0.000011	0.000187
2110 Oct	50.4	0.095	0.00505	0.000947	11.9	0.0423	5.85	0.000947	0.000947	0.00000474	0.00767	0.00106	0.0121	0.0162	0.00000474	15.1	0.0000134	0.000189
2110 Nov	50.6	0.0968	0.00496	0.000942	11.9	0.0424	5.97	0.000942	0.000942	0.00000471	0.00771	0.00106	0.0122	0.0161	0.00000472	15.1	0.0000136	0.000189
2110 Dec	50.8	0.0967	0.00496	0.000941	11.9	0.0424	6.05	0.000941	0.000941	0.00000471	0.00771	0.00106	0.0123	0.0161	0.00000472	15.1	0.0000136	0.000188
2111 Jan	50.9	0.0967	0.00496	0.000941	11.9	0.0424	6.08	0.000941	0.000941	0.00000471	0.0077	0.00106	0.0123	0.0161	0.00000472	15.1	0.0000136	0.000188
2111 Feb	50.9	0.0967	0.00496	0.000941	11.9	0.0424	6.09	0.000941	0.000941	0.00000471	0.0077	0.00106	0.0123	0.0161	0.00000472	15.1	0.0000136	0.000188
2111 Mar	51	0.0969	0.00497	0.000943	12	0.0425	6.11	0.000943	0.000943	0.00000472	0.00772	0.00106	0.0124	0.0161	0.00000473	15.1	0.0000136	0.000189
2111 Apr	51.5	0.0978	0.00501	0.000952	12.1	0.0429	6.16	0.000952	0.000952	0.00000476	0.00779	0.00107	0.0125	0.0163	0.00000477	15.3	0.0000138	0.000191
2111 May	60.8	0.0925	0.00907	0.000974	14.3	0.0383	6.5	0.000974	0.000974	0.00000487	0.00764	0.00125	0.0117	0.0222	0.00000488	19.6	0.0000156	0.000251
2111 Jun	71.3	0.0544	0.0167	0.000978	16	0.0216	5.85	0.000978	0.000978	0.00000489	0.00686	0.00148	0.00926	0.0308	0.00000489	25.2	0.0000206	0.000354
2111 Jul	69.4	0.0485	0.0156	0.00104	15	0.024	5.89	0.00104	0.00104	0.00000522	0.00728	0.00146	0.0103	0.0289	0.00000523	23.7	0.0000215	0.00034
2111 Aug	55.8	0.0392	0.0105	0.00101	12.2	0.0328	5.39	0.00101	0.00101	0.00000503	0.00622	0.00126	0.0112	0.0214	0.00000504	18.2	0.0000132	0.000246
2111 Sep	53.8	0.0495	0.00829	0.000987	11.8	0.0378	5.92	0.000986	0.000986	0.00000494	0.00624	0.00117	0.0128	0.0186	0.00000494	16.7	0.0000108	0.000223
2111 Oct	52.5	0.0729	0.00666	0.000955	11.8	0.0397	6.09	0.000955	0.000955	0.00000478	0.00693	0.00111	0.0126	0.0173	0.00000479	15.9	0.0000123	0.000206
2111 Nov	52.1	0.0856	0.00588	0.000946	11.9	0.0409	6.15	0.000946	0.000946	0.00000473	0.00733	0.00108	0.0125	0.0168	0.00000474	15.6	0.0000131	0.000199
2111 Dec	52.3	0.0858	0.00586	0.000946	11.9	0.041	6.23	0.000946	0.000946	0.00000473	0.00734	0.00108	0.0125	0.0168	0.00000474	15.6	0.0000131	0.000199

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2112 Jan	52.3	0.0858	0.00586	0.000945	11.9	0.041	6.26	0.000945	0.000945	0.00000473	0.00734	0.00108	0.0126	0.0168	0.00000474	15.6	0.0000131	0.000199
2112 Feb	52.4	0.0858	0.00586	0.000945	11.9	0.041	6.29	0.000945	0.000945	0.00000473	0.00734	0.00108	0.0126	0.0168	0.00000474	15.6	0.0000131	0.000199
2112 Mar	52.6	0.086	0.00587	0.000948	12	0.0411	6.31	0.000948	0.000948	0.00000474	0.00736	0.00109	0.0126	0.0169	0.00000475	15.6	0.0000131	0.000199
2112 Apr	53	0.0867	0.00592	0.000955	12.1	0.0414	6.37	0.000955	0.000955	0.00000478	0.00742	0.0011	0.0127	0.017	0.00000479	15.8	0.0000132	0.000201
2112 May	64.7	0.082	0.0109	0.000975	14.9	0.0354	6.82	0.000975	0.000975	0.00000488	0.00725	0.00132	0.0117	0.0245	0.00000488	21.2	0.0000157	0.000276
2112 Jun	61	0.0407	0.0141	0.000937	13.1	0.0197	4.84	0.000937	0.000937	0.00000469	0.00662	0.00129	0.00901	0.0255	0.00000469	20.9	0.0000202	0.000308
2112 Jul	51.9	0.0269	0.0109	0.000986	10.2	0.0227	4.38	0.000986	0.000986	0.00000493	0.00687	0.00115	0.0101	0.0196	0.00000494	16.4	0.0000199	0.000253
2112 Aug	53.5	0.0304	0.0102	0.00102	10.5	0.0278	5.12	0.00102	0.00102	0.00000508	0.00682	0.00117	0.0115	0.0192	0.00000509	16.5	0.0000177	0.000247
2112 Sep	54	0.0429	0.0086	0.000993	10.8	0.0332	6.07	0.000993	0.000993	0.00000497	0.00671	0.00113	0.0129	0.0179	0.00000498	16	0.0000149	0.000229
2112 Oct	54.6	0.0573	0.00761	0.000972	11	0.0356	6.67	0.000971	0.000971	0.00000486	0.00698	0.00111	0.0133	0.0173	0.00000488	15.8	0.0000148	0.000218
2112 Nov	55.2	0.0598	0.00744	0.000968	11.1	0.0361	6.94	0.000968	0.000968	0.00000485	0.00702	0.00111	0.0135	0.0172	0.00000486	15.8	0.0000148	0.000217
2112 Dec	55.3	0.0598	0.00745	0.000968	11.1	0.0361	6.98	0.000968	0.000968	0.00000485	0.00703	0.00111	0.0136	0.0172	0.00000486	15.8	0.0000148	0.000217
2113 Jan	55.4	0.0597	0.00744	0.000968	11.1	0.0361	7.02	0.000967	0.000967	0.00000484	0.00702	0.00111	0.0136	0.0172	0.00000486	15.8	0.0000148	0.000217
2113 Feb	55.4	0.0598	0.00744	0.000968	11.1	0.0361	7.03	0.000968	0.000968	0.00000484	0.00703	0.00111	0.0136	0.0172	0.00000486	15.8	0.0000148	0.000217
2113 Mar	55.6	0.06	0.00747	0.000972	11.1	0.0363	7.07	0.000972	0.000972	0.00000486	0.00705	0.00111	0.0137	0.0173	0.00000488	15.9	0.0000149	0.000218
2113 Apr	56.1	0.0605	0.00753	0.000979	11.2	0.0365	7.12	0.000979	0.000979	0.0000049	0.00711	0.00112	0.0138	0.0174	0.00000492	16	0.000015	0.000219
2113 May	66.5	0.0633	0.0119	0.000992	14.1	0.0322	7.39	0.000992	0.000992	0.00000496	0.00704	0.00133	0.0126	0.0245	0.00000498	21.2	0.0000169	0.000286
2113 Jun	70.8	0.0512	0.0165	0.000976	15.7	0.0215	5.92	0.000976	0.000976	0.00000488	0.00678	0.00147	0.00944	0.0303	0.00000488	24.8	0.0000205	0.000351
2113 Jul	63.7	0.0408	0.014	0.00102	13.7	0.0257	5.53	0.00102	0.00102	0.0000051	0.00672	0.0014	0.00983	0.0264	0.0000051	21.7	0.0000185	0.000301
2113 Aug	60.3	0.0371	0.0121	0.00104	12.8	0.0307	5.79	0.00104	0.00104	0.0000052	0.00649	0.00136	0.0107	0.024	0.00000521	19.9	0.0000156	0.000266
2113 Sep	57.3	0.0539	0.00962	0.00101	12.4	0.0352	6.05	0.00101	0.00101	0.00000503	0.00672	0.00125	0.0117	0.021	0.00000504	18.1	0.0000141	0.000239
2113 Oct	52.9	0.0852	0.00647	0.000953	12.1	0.0396	5.97	0.000953	0.000953	0.00000477	0.00744	0.00111	0.0119	0.0178	0.00000478	16.1	0.0000141	0.000205
2113 Nov	52.7	0.0915	0.00598	0.000953	12.2	0.0407	6.04	0.000953	0.000953	0.00000477	0.00763	0.0011	0.012	0.0174	0.00000477	15.9	0.0000142	0.000201
2113 Dec	52.8	0.0915	0.00598	0.000953	12.2	0.0408	6.09	0.000953	0.000953	0.00000477	0.00764	0.0011	0.0121	0.0174	0.00000477	15.9	0.0000142	0.000202
2114 Jan	52.9	0.0915	0.00598	0.000953	12.2	0.0408	6.11	0.000953	0.000953	0.00000477	0.00764	0.0011	0.0121	0.0174	0.00000477	15.9	0.0000142	0.000201
2114 Feb	52.9	0.0915	0.00598	0.000953	12.2	0.0408	6.11	0.000953	0.000953	0.00000477	0.00764	0.0011	0.0121	0.0174	0.00000477	15.9	0.0000142	0.000202
2114 Mar	53	0.0917	0.006	0.000955	12.2	0.0409	6.12	0.000955	0.000955	0.00000478	0.00765	0.0011	0.0121	0.0174	0.00000479	16	0.0000143	0.000202
2114 Apr	53.3	0.0922	0.00603	0.00096	12.3	0.0411	6.16	0.00096	0.00096	0.0000048	0.00769	0.00111	0.0122	0.0175	0.00000481	16.1	0.0000143	0.000203
2114 May	67.4	0.0828	0.0123	0.000969	15.6	0.033	6.75	0.000969	0.000969	0.00000485	0.00726	0.00138	0.0109	0.0266	0.00000485	22.6	0.0000169	0.000295
2114 Jun	77.3	0.062	0.0179	0.001	17.5	0.0231	6.64	0.001	0.001	0.00000502	0.00701	0.00158	0.0097	0.0335	0.00000502	27.4	0.0000208	0.000377
2114 Jul	76.7	0.0573	0.0172	0.00107	16.9	0.026	6.85	0.00107	0.00107	0.00000536	0.00737	0.00159	0.0107	0.0323	0.00000537	26.5	0.0000213	0.000366
2114 Aug	78.9	0.0579	0.0169	0.00113	17.1	0.0297	7.52	0.00113	0.00113	0.00000564	0.0076	0.00164	0.012	0.0323	0.00000565	26.7	0.0000209	0.000365
2114 Sep	67.1	0.0692	0.0118	0.00105	14.7	0.0355	7.05	0.00105	0.00105	0.00000524	0.00738	0.00138	0.0126	0.025	0.00000525	21.6	0.0000167	0.00029
2114 Oct	60.4	0.0849	0.00847	0.000987	13.4	0.0387	6.92	0.000987	0.000987	0.00000494	0.0076	0.00122	0.0127	0.0208	0.00000495	18.6	0.0000155	0.000241
2114 Nov	56.6	0.0929	0.0068	0.000958	12.8	0.0403	6.71	0.000958	0.000958	0.00000479	0.00771	0.00114	0.0126	0.0186	0.0000048	17	0.0000149	0.000217
2114 Dec	56.7	0.0931	0.00675	0.000956	12.8	0.0403	6.77	0.000956	0.000956	0.00000478	0.00771	0.00114	0.0126	0.0186	0.0000048	17	0.0000149	0.000216
2115 Jan	56.7	0.0931	0.00675	0.000956	12.8	0.0404	6.8	0.000956	0.000956	0.00000478	0.00771	0.00114	0.0127	0.0186	0.00000479	17	0.0000149	0.000216
2115 Feb	56.8	0.0931	0.00675	0.000956	12.8	0.0404	6.82	0.000956	0.000956	0.00000478	0.00771	0.00114	0.0127	0.0186	0.00000479	17	0.0000149	0.000216
2115 Mar	56.9	0.0931	0.00675	0.000957	12.8	0.0404	6.84	0.000957	0.000957	0.00000479	0.00771	0.00114	0.0127	0.0186	0.0000048	17	0.000015	0.000217
2115 Apr	57.3	0.0938	0.00681	0.000964	12.9	0.0407	6.89	0.000964	0.000964	0.00000482	0.00777	0.00115	0.0128	0.0187	0.00000484	17.1	0.0000151	0.000218
2115 May	71.4	0.0828	0.0137	0.000977	16.5	0.0316	7.06	0.000977	0.000977	0.00000489	0.00727	0.00144	0.0109	0.0287	0.00000489	24.2	0.0000177	0.000318
2115 Jun	83.1	0.0725	0.0192	0.00103	19.2	0.0251	7.24	0.00103	0.00103	0.00000514	0.00719	0.00169	0.00992	0.0365	0.00000514	29.8	0.0000208	0.000401
2115 Jul	78	0.0632	0.0174	0.00108	17.8	0.0288	6.94	0.00107	0.00107	0.00000538	0.00715	0.00165	0.0102	0.0337	0.00000538	27.5	0.0000192	0.000364
2115 Aug	60.1	0.047	0.0114	0.00102	13.6	0.0348	5.78	0.00102	0.00102	0.00000508	0.00615	0.00135	0.011	0.0239	0.00000509	20.1	0.0000122	0.00026
2115 Sep	57.2	0.0505	0.00934	0.001	12.7	0.0384	6.12	0.001	0.001	0.00000501	0.00612	0.00125	0.0126	0.0207	0.00000502	18.2	0.0000103	0.000237
2115 Oct	57.7	0.0585	0.00861	0.000987	12.6	0.0392	6.69	0.000987	0.000987	0.00000494	0.00638	0.00122	0.0131	0.0199	0.00000495	17.8	0.000011	0.000229
2115 Nov	56.5	0.0703	0.00758	0.000972	12.5	0.0402	6.69	0.000971	0.000971	0.00000486	0.00678	0.00117	0.013	0.0189	0.00000487	17.1	0.0000118	0.000218
2115 Dec	56.5	0.0708	0.00754	0.000971	12.5	0.0402	6.72	0.000971	0.000971	0.00000486	0.0068	0.00117	0.013	0.0189	0.00000487	17.1	0.0000119	0.000218
2116 Jan	56.6	0.0708	0.00754	0.000971	12.5	0.0402	6.77	0.000971	0.000971	0.00000486	0.0068	0.00117	0.0131	0.0188	0.00000487	17.1	0.0000119	0.000218
2116 Feb	56.6	0.0708	0.00754	0.000971	12.5	0.0403	6.78	0.000971	0.000971	0.00000486	0.0068	0.00117	0.0131	0.0189	0.00000487	17.1	0.0000119	0.000218
2116 Mar	56.7	0.0709	0.00755	0.000972	12.5	0.0403	6.78	0.000972	0.000972	0.00000487	0.00681	0.00118	0.0131	0.0189	0.00000488	17.1	0.0000119	0.000218
2116 Apr	57.1	0.0714	0.00761	0.000979	12.6	0.0406	6.83	0.000979	0.000979	0.0000049	0.00686	0.00118	0.0132	0.019	0.00000491	17.2	0.000012	0.00022
2116 May	68.1	0.0708	0.0123	0.000987	15.2	0.0345	7.26	0.000987	0.000987	0.00000494	0.00682	0.00139	0.012	0.026	0.00000495	22.3	0.0000149	0.000291
2116 Jun	64.6	0.0443	0.0151	0.000944	14.1	0.0201	5.17	0.000944	0.000944	0.00000472	0.0066	0.00136	0.00899	0.0275	0.00000472	22.5	0.0000201	0.000325
2116 Jul	60.5	0.0364	0.0135	0.00102	12.5	0.0221	4.84	0.00102	0.00102	0.0000051	0.0072	0.0013	0.0101	0.0243	0.00000511	20.1	0.0000216	0.000304
2116 Aug	61.7	0.0388	0.0129	0.00106	12.8	0.0265	5.3	0.00106	0.00106	0.00000531	0.00727	0.00133	0.0113	0.0239	0.00000532	20.1	0.0000201	0.000299
2116 Sep	56.2	0.0632	0.00904	0.000999	12.3	0.0343	5.65	0.000999	0.000999	0.000005	0.00727	0.00119	0.012	0.0198	0.000005	17.5	0.0000161	0.000245
2116 Oct	53.6	0.0892	0.00638	0.000963	12.2	0.0397	6.01	0.000962	0.000962	0.00000482	0.00773	0.00111	0.0122	0.0176	0.00000482	16.1	0.0000151	0.000211
2116 Nov	53.9	0.0918	0.00617	0.000963	12.3	0.0404	6.17	0.000963	0.000963	0.00000482	0.0078	0.0011	0.0124	0.0175	0.00000482	16.1	0.000015	0.000209
2116 Dec	54	0.0918	0.00617	0.000962	12.3	0.0404	6.22	0.000962	0.000962	0.00000481	0.00779	0.0011	0.0124	0.0175	0.00000482	16.1	0.000015	0.000208
2117 Jan	54.1	0.0917	0.00617	0.000962	12.3	0.0404	6.24	0.000962	0.000962	0.00000481	0.00779	0.0011	0.0125	0.0174	0.00000482	16.1	0.000015	0.000208
2117 Feb	54.1	0.0917	0.00617	0.000962	12.3	0.0404	6.25	0.000962	0.000962	0.00000481	0.00779	0.0011	0.0125	0.0174	0.00000482	16.1	0.000015	0.000208
2117 Mar	54.2	0.0919	0.00618	0.000963	12.3	0.0404	6.26	0.000963	0.000963	0.00000482	0.0078	0.00111	0.0125	0.0175	0.00000483	16.1	0.0000151	0.000209
2117 Apr	54.7	0.0927	0.00623	0.000972	12.4	0.0408	6.31	0.000972	0.000972	0.00000486	0.00787	0.00112	0.0126	0.0176	0.00000487	16.3	0.0000152	0.000211
2117 May	65.8	0.0863	0.0113	0.000989	15.2	0.0349	6.67	0.000988	0.000988	0.00000494	0.00758	0.00134	0.0115	0.0251	0.00000495	21.6	0.0000172	0.000285
2117 Jun	76.1	0.0651	0.0174	0.00101	17.4	0.0243	6.41	0.00101	0.00101	0.00000505	0.00713	0.00157	0.0097	0.0329	0.00000505	27	0.0000206	0.000371
2117 Jul	73.8	0.0588	0.0163	0.00107	16.6	0.0275	6.38	0.00107	0.00107	0.00000535	0.00731	0.00157	0.0103	0.0313	0.00000535	25.7	0.0000201	0.000351

Appendix C.2-6: B45

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2117 Aug	69.5	0.0544	0.0144	0.00108	15.5	0.0316	6.31	0.00108	0.00108	0.00000541	0.00707	0.00151	0.0111	0.0285	0.00000542	23.7	0.0000174	0.000318
2117 Sep	67.6	0.0602	0.0129	0.00107	15	0.0343	6.6	0.00107	0.00107	0.00000536	0.00716	0.00144	0.0119	0.0264	0.00000537	22.4	0.0000164	0.000299
2117 Oct	63.4	0.0731	0.0105	0.00103	14.2	0.0368	6.59	0.00103	0.00103	0.00000516	0.00739	0.00133	0.0121	0.0235	0.00000517	20.3	0.0000159	0.000267
2117 Nov	62	0.077	0.00982	0.00102	13.9	0.0376	6.54	0.00102	0.00102	0.00000511	0.00747	0.0013	0.0121	0.0226	0.00000511	19.7	0.0000157	0.000258
2117 Dec	62.1	0.0771	0.00978	0.00102	13.9	0.0376	6.6	0.00102	0.00102	0.0000051	0.00747	0.0013	0.0122	0.0225	0.00000511	19.7	0.0000157	0.000257
2118 Jan	62.1	0.0771	0.00978	0.00102	13.9	0.0376	6.62	0.00102	0.00102	0.0000051	0.00747	0.0013	0.0122	0.0225	0.00000511	19.7	0.0000157	0.000257
2118 Feb	62.1	0.0771	0.00978	0.00102	13.9	0.0376	6.62	0.00102	0.00102	0.0000051	0.00747	0.0013	0.0122	0.0225	0.00000511	19.7	0.0000157	0.000257
2118 Mar	62.2	0.0772	0.00979	0.00102	13.9	0.0377	6.62	0.00102	0.00102	0.0000051	0.00747	0.0013	0.0122	0.0225	0.00000511	19.7	0.0000157	0.000257
2118 Apr	64.9	0.0791	0.0107	0.00103	14.7	0.0374	6.83	0.00103	0.00103	0.00000513	0.00747	0.00135	0.0121	0.0241	0.00000514	20.9	0.0000159	0.000272
2118 May	78.7	0.075	0.0172	0.001	18.3	0.0282	7.16	0.001	0.001	0.00000501	0.00697	0.00161	0.0101	0.0338	0.00000502	27.9	0.0000184	0.000367
2118 Jun	72.9	0.0525	0.0176	0.000966	16.5	0.02	5.82	0.000966	0.000966	0.00000483	0.00666	0.00151	0.0088	0.0322	0.00000483	26.1	0.0000206	0.000366
2118 Jul	72.2	0.0487	0.0169	0.00104	15.9	0.023	5.86	0.00104	0.00104	0.00000521	0.0071	0.00153	0.00969	0.031	0.00000521	25.3	0.0000213	0.000357
2118 Aug	61.6	0.0444	0.0123	0.00101	13.6	0.0311	5.66	0.00101	0.00101	0.00000508	0.00641	0.00134	0.0112	0.0243	0.00000508	20.5	0.0000147	0.000283
2118 Sep	54	0.0729	0.00757	0.000958	12.3	0.0382	5.73	0.000958	0.000958	0.00000479	0.00694	0.00114	0.012	0.0186	0.0000048	16.8	0.0000129	0.000221
2118 Oct	53	0.0897	0.00599	0.000941	12.2	0.0405	6.08	0.000941	0.000941	0.00000471	0.00746	0.00109	0.0122	0.0172	0.00000471	15.9	0.0000136	0.000203
2118 Nov	53	0.0922	0.00574	0.000937	12.1	0.0409	6.21	0.000937	0.000937	0.00000469	0.00753	0.00108	0.0123	0.017	0.0000047	15.7	0.0000137	0.0002
2118 Dec	53.1	0.0923	0.00574	0.000938	12.1	0.041	6.22	0.000938	0.000938	0.00000469	0.00754	0.00108	0.0123	0.017	0.0000047	15.7	0.0000137	0.0002
2119 Jan	53.1	0.0922	0.00574	0.000937	12.1	0.041	6.24	0.000937	0.000937	0.00000469	0.00754	0.00108	0.0124	0.017	0.0000047	15.7	0.0000137	0.0002
2119 Feb	53.2	0.0922	0.00574	0.000938	12.1	0.041	6.26	0.000937	0.000937	0.00000469	0.00754	0.00108	0.0124	0.017	0.0000047	15.7	0.0000137	0.0002
2119 Mar	53.3	0.0925	0.00576	0.00094	12.2	0.0411	6.28	0.00094	0.00094	0.0000047	0.00756	0.00108	0.0124	0.017	0.00000471	15.8	0.0000138	0.0002
2119 Apr	62.8	0.0969	0.00903	0.000955	14.7	0.0394	6.95	0.000955	0.000955	0.00000478	0.00747	0.00126	0.012	0.0226	0.00000479	20	0.0000145	0.000251
2119 May	91.5	0.0823	0.0221	0.000964	21.9	0.0232	7.95	0.000964	0.000964	0.00000482	0.00652	0.00183	0.00873	0.0421	0.00000482	34.1	0.0000192	0.000441
2119 Jun	74.6	0.0559	0.0177	0.000972	16.8	0.021	6.18	0.000972	0.000972	0.00000486	0.00674	0.00153	0.00913	0.0326	0.00000486	26.6	0.0000206	0.000369
2119 Jul	70.9	0.0481	0.0161	0.00104	15.2	0.0231	5.97	0.00104	0.00104	0.00000521	0.00726	0.00148	0.0102	0.0295	0.00000521	24.2	0.0000218	0.000348
2119 Aug	64.9	0.0469	0.0132	0.00105	14.1	0.0299	5.86	0.00105	0.00105	0.00000523	0.00687	0.00138	0.0115	0.0255	0.00000524	21.5	0.0000171	0.000304
2119 Sep	57.9	0.0614	0.00943	0.000993	12.8	0.0358	5.89	0.000993	0.000993	0.00000497	0.00683	0.00122	0.0123	0.0207	0.00000497	18.3	0.0000138	0.000249
2119 Oct	55.2	0.0791	0.0074	0.000962	12.5	0.0385	6.02	0.000962	0.000962	0.00000481	0.00726	0.00114	0.0123	0.0186	0.00000482	16.9	0.000014	0.000222
2119 Nov	54.4	0.0842	0.00681	0.000953	12.4	0.0393	6.06	0.000953	0.000953	0.00000477	0.00738	0.00112	0.0122	0.018	0.00000477	16.5	0.000014	0.000214
2119 Dec	54.5	0.0842	0.00681	0.000953	12.4	0.0393	6.1	0.000953	0.000953	0.00000477	0.00738	0.00112	0.0123	0.018	0.00000477	16.5	0.000014	0.000214

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.0000997	0.000653	0.0845	0.00000977	0.876	1.22	0.0112	0.000125	2.71	0.000957	0.00887	0.0000517	0.0000635	0.0000421	0.0503	0.00000195	0.00005	0.000237	0.00127	
Operation (2024-2031): Mean	0.000151	0.000838	0.0996	0.0000103	1.09	1.71	0.0193	0.000312	3.76	0.00108	0.0102	0.000131	0.000126	0.0000506	0.0701	0.00000206	0.000066	0.000376	0.0016	
Operation (2024-2031): Max	0.000393	0.00101	0.161	0.0000109	1.53	3.03	0.0651	0.000463	5.27	0.00142	0.011	0.000551	0.000218	0.0000888	0.119	0.00000218	0.0000775	0.000889	0.00208	
Active Closure (2032-2038): Min	0.0001	0.00066	0.0825	0.00000949	0.862	1.31	0.014	0.000138	3.12	0.00098	0.00858	0.0000381	0.0000635	0.0000445	0.0501	0.0000019	0.0000508	0.000305	0.00127	0.00000854
Active Closure (2032-2038): Mean	0.00023	0.00121	0.109	0.0000101	1.44	5.04	0.0358	0.000575	20.5	0.00218	0.0103	0.000189	0.000315	0.000131	0.109	0.00000205	0.000134	0.000516	0.00167	0.000238
Active Closure (2032-2038): Max	0.00042	0.00162	0.167	0.0000111	1.73	8.24	0.0703	0.000926	39.1	0.00325	0.0111	0.000582	0.000481	0.000204	0.143	0.00000224	0.00021	0.000941	0.00207	0.000444
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000103	0.000645	0.0781	0.00000936	0.892	1.28	0.0104	0.000125	2.66	0.001	0.00866	0.000029	0.0000346	0.0000432	0.0511	0.00000187	0.0000521	0.000184	0.00107	0.0000197
Post Closure (2039-2119): Mean	0.000217	0.000966	0.113	0.0000102	1.27	2.75	0.0313	0.000385	5.02	0.00137	0.0103	0.000216	0.000163	0.0000755	0.0903	0.00000201	0.0000831	0.000473	0.00155	0.000181
Post Closure (2039-2119): Max	0.000647	0.00128	0.229	0.0000116	2.11	5.46	0.108	0.000564	13.1	0.00235	0.0119	0.000776	0.000374	0.000149	0.181	0.00000229	0.000131	0.00123	0.00215	0.000458
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan	0.000226	0.000952	0.121	0.0000105	1.29	2.21	0.0317	0.000348	4.56	0.0012	0.0107	0.000241	0.000116	0.0000634	0.0895	0.0000021	0.000071	0.00046	0.00153	
2024 Feb	0.000226	0.000952	0.121	0.0000105	1.29	2.21	0.0317	0.000348	4.56	0.0012	0.0107	0.000241	0.000116	0.0000634	0.0895	0.0000021	0.000071	0.00046	0.00153	
2024 Mar	0.000226	0.000953	0.121	0.0000105	1.29	2.21	0.0317	0.000348	4.57	0.0012	0.0107	0.000241	0.000116	0.0000635	0.0896	0.0000021	0.0000711	0.00046	0.00154	
2024 Apr	0.000226	0.000955	0.121	0.0000105	1.29	2.22	0.0318	0.000349	4.58	0.0012	0.0107	0.000242	0.000116	0.0000636	0.0898	0.00000211	0.0000712	0.000461	0.00154	
2024 May	0.00029	0.00101	0.138	0.0000106	1.43	2.59	0.0435	0.000331	5.06	0.00131	0.011	0.000348	0.000134	0.000074	0.104	0.00000212	0.0000727	0.000588	0.0016	
2024 Jun	0.000393	0.000963	0.161	0.00000986	1.53	3.03	0.0651	0.00018	5.27	0.00141	0.0103	0.000551	0.00021	0.0000888	0.119	0.00000197	0.0000644	0.000889	0.00184	
2024 Jul	0.000348	0.000948	0.153	0.0000104	1.47	2.78	0.057	0.000177	4.97	0.00139	0.0106	0.000479	0.000217	0.0000833	0.11	0.00000209	0.0000647	0.000827	0.00195	
2024 Aug	0.000306	0.000943	0.141	0.0000107	1.43	2.59	0.0487	0.00023	4.87	0.00135	0.0105	0.0004	0.000184	0.000079	0.104	0.00000213	0.0000654	0.000692	0.00183	
2024 Sep	0.000239	0.00092	0.121	0.0000104	1.31	2.26	0.035	0.000331	4.59	0.00122	0.0103	0.000266	0.000127	0.0000673	0.0921	0.00000207	0.0000686	0.000499	0.00157	
2024 Oct	0.000219	0.000935	0.116	0.0000103	1.28	2.19	0.0304	0.000378	4.55	0.00118	0.0105	0.000221	0.000107	0.0000624	0.089	0.00000206	0.0000721	0.000444	0.00149	
2024 Nov	0.000211	0.000942	0.114	0.0000103	1.27	2.16	0.0284	0.000398	4.53	0.00117	0.0107	0.000202	0.000099	0.0000604	0.0878	0.00000206	0.0000736	0.000421	0.00146	
2024 Dec	0.000211	0.000942	0.114	0.0000103	1.27	2.16	0.0284	0.000398	4.54	0.00117	0.0107	0.000202	0.000099	0.0000604	0.0878	0.00000206	0.0000737	0.000422	0.00146	
2025 Jan	0.000211	0.000942	0.114	0.0000103	1.27	2.16	0.0284	0.000399	4.54	0.00117	0.0107	0.000202	0.000099	0.0000604	0.0878	0.00000206	0.0000737	0.000422	0.00146	
2025 Feb	0.000211	0.000942	0.114	0.0000103	1.27	2.16	0.0284	0.000399	4.54	0.00117	0.0107	0.000202	0.0000991	0.0000604	0.0878	0.00000206	0.0000737	0.000422	0.00146	
2025 Mar	0.000211	0.000943	0.114	0.0000103	1.27	2.16	0.0285	0.000399	4.54	0.00117	0.0107	0.000202	0.0000991	0.0000605	0.0879	0.00000206	0.0000737	0.000422	0.00146	
2025 Apr	0.000212	0.000943	0.114	0.0000103	1.27	2.16	0.0285	0.000399	4.54	0.00117	0.0107	0.000203	0.0000992	0.0000605	0.0879	0.00000207	0.0000738	0.000422	0.00146	
2025 May	0.000216	0.000961	0.117	0.0000105	1.3	2.2	0.029	0.000407	4.63	0.00119	0.0109	0.000206	0.000101	0.0000616	0.0896	0.0000021	0.0000752	0.00043	0.00149	
2025 Jun	0.000163	0.000796	0.101	0.0000102	1.1	1.73	0.0227	0.000268	3.66	0.0011	0.00999	0.00016	0.000158	0.000053	0.0709	0.00000205	0.0000636	0.000459	0.00175	
2025 Jul	0.00011	0.000689	0.0884	0.00001	0.921	1.3	0.0153	0.00015	2.88	0.001	0.00917	0.000113	0.000181	0.0000447	0.0536	0.00000201	0.0000523	0.000404	0.00184	
2025 Aug	0.000113	0.000751	0.0921	0.0000105	0.977	1.38	0.0149	0.000187	3.15	0.00104	0.00953	0.00011	0.000161	0.0000473	0.0573	0.0000021	0.0000551	0.000356	0.00178	
2025 Sep	0.000114	0.00078	0.0904	0.0000104	1.01	1.44	0.0139	0.000256	3.36	0.00103	0.00966	0.0000909	0.000133	0.0000474	0.0603	0.00000209	0.0000593	0.000311	0.00165	
2025 Oct	0.000117	0.000829	0.0899	0.0000101	1.03	1.53	0.0123	0.000349	3.58	0.00101	0.01	0.0000677	0.0000967	0.0000443	0.0635	0.00000202	0.0000665	0.000272	0.00146	
2025 Nov	0.000118	0.000848	0.0895	0.00000997	1.03	1.56	0.0116	0.000387	3.67	0.000992	0.0102	0.000058	0.0000816	0.000043	0.0647	0.00000199	0.0000694	0.000255	0.00137	
2025 Dec	0.000118	0.000848	0.0896	0.00000998	1.03	1.57	0.0117	0.000388	3.67	0.000993	0.0102	0.0000581	0.0000816	0.000043	0.0647	0.000002	0.0000695	0.000255	0.00138	
2026 Jan	0.000118	0.000848	0.0896	0.00000998	1.03	1.57	0.0117	0.000388	3.67	0.000993	0.0102	0.0000581	0.0000816	0.000043	0.0647	0.000002	0.0000695	0.000255	0.00138	
2026 Feb	0.000118	0.000849	0.0896	0.00000998	1.03	1.57	0.0117	0.000388	3.67	0.000993	0.0102	0.0000581	0.0000816	0.000043	0.0647	0.000002	0.0000695	0.000255	0.00138	
2026 Mar	0.000118	0.000849	0.0896	0.00000999	1.03	1.57	0.0117	0.000388	3.68	0.000994	0.0102	0.0000581	0.0000817	0.000043	0.0648	0.000002	0.0000695	0.000255	0.00138	
2026 Apr	0.000118	0.000852	0.09	0.00001	1.04	1.57	0.0117	0.000389	3.69	0.000997	0.0102	0.0000583	0.000082	0.0000432	0.065	0.00000201	0.0000698	0.000256	0.00138	
2026 May	0.000124	0.000868	0.0924	0.0000102	1.06	1.62	0.0126	0.000394	3.77	0.00102	0.0104	0.0000659	0.0000843	0.0000445	0.0668	0.00000203	0.0000709	0.000268	0.00141	
2026 Jun	0.000142	0.000681	0.0936	0.00000982	0.976	1.47	0.0212	0.000156	3.04	0.00104	0.00923	0.000156	0.0002	0.0000486	0.0601	0.00000196	0.0000544	0.000507	0.00192	
2026 Jul	0.000127	0.000686	0.0929	0.0000103	0.968	1.4	0.0188	0.000142	2.96	0.00106	0.00948	0.000137	0.000211	0.0000478	0.0573	0.00000206	0.0000544	0.000496	0.00202	
2026 Aug	0.000123	0.000743	0.093	0.0000105	1	1.44	0.0168	0.000195	3.22	0.00106	0.00955	0.00012	0.000169	0.0000492	0.0599	0.0000021	0.0000562	0.000393	0.00183	
2026 Sep	0.000125	0.000775	0.0935	0.0000106	1.03	1.5	0.0162	0.000241	3.39	0.00107	0.0098	0.00011	0.000153	0.0000496	0.0623	0.00000212	0.0000597	0.000369	0.00177	
2026 Oct	0.000125	0.000815	0.0928	0.0000104	1.05	1.55	0.0146	0.000312	3.56	0.00105	0.0101	0.0000891	0.000123	0.0000471	0.0644	0.00000208	0.000065	0.000328	0.00161	
2026 Nov	0.000125	0.000819	0.0932	0.0000104	1.05	1.56	0.0147	0.000314	3.58	0.00105	0.0101	0.0000893	0.000124	0.0000473	0.0647	0.00000209	0.0000654	0.000329	0.00161	
2026 Dec	0.000125	0.000819	0.0932	0.0000104	1.05	1.56	0.0147	0.000314	3.58	0.00105	0.0101	0.0000893	0.000124	0.0000473	0.0647	0.00000209	0.0000654	0.00033	0.00162	
2027 Jan	0.000125	0.000819	0.0932	0.0000104	1.05	1.56	0.0147	0.000314	3.58	0.00105	0.0101	0.0000893	0.000124	0.0000473	0.0647	0.00000209	0.0000654	0.00033	0.00162	
2027 Feb	0.000125	0.000819	0.0932	0.0000104	1.05	1.56	0.0147	0.000314	3.58	0.00105	0.0101	0.0000893	0.000124	0.0000473	0.0647	0.00000209	0.0000654	0.00033	0.00162	
2027 Mar	0.000125	0.00082	0.0933	0.0000104	1.05	1.56	0.0147	0.000315	3.58	0.00105	0.0101	0.0000894	0.000124	0.0000473	0.0648	0.00000209	0.0000655	0.00033	0.00162	
2027 Apr	0.000126	0.000825	0.0938	0.0000105	1.06	1.57	0.0148	0.000317	3.6	0.00106	0.0102	0.0000899	0.000124	0.0000476	0.0652	0.0000021	0.0000658	0.000332	0.00163	
2027 May	0.000137	0.000847	0.0978	0.0000107	1.1	1.65	0.0166	0.000321	3.73	0.00109	0.0104	0.000105	0.000128	0.0000498	0.0682	0.00000214	0.0000672	0.000353	0.00166	
2027 Jun	0.000127	0.000671	0.09	0.00000991	0.952	1.39	0.0186	0.000158	2.94	0.00103	0.00921	0.000133	0.000198	0.0000468	0.0571	0.00000198	0.000054	0.000478	0.00192	
2027 Jul	0.000109	0.000655	0.0877	0.0000102	0.917	1.26	0.0158	0.000125	2.74	0.00102	0.00927	0.000113	0.000213	0.0000449	0.0522	0.00000205	0.0000522	0.00047	0.00203	
2027 Aug	0.000112	0.000709	0.0906	0.0000107	0.977	1.35	0.0157	0.000167	3.02	0.00106	0.00962	0.000108	0.000196	0.0000478	0.0563	0.00000214	0.0000554	0.000432	0.00198	
2027 Sep	0.000113	0.000763	0.0884	0.0000105	1.02	1.45	0.0138	0.000275	3.35	0.00104	0.00977	0.0000806	0.000143	0.0000472	0.0607	0.00000209	0.0000614	0.000343	0.00172	
2027 Oct	0.000116	0.000809	0.0891	0.0000103	1.04	1.52	0.0127	0.000343	3.55	0.00103	0.0101	0.0000661	0.000114	0.0000453	0.0634	0.00000206	0.0000668	0.000308	0.00157	
2027 Nov	0.000118	0.000824	0.0895	0.0000103	1.04	1.55	0.0125	0.000363	3.61	0.00102	0.0102	0.0000622	0.000106	0.0000448	0.0644	0.00000205	0.0000685	0.000299	0.00153	
2027 Dec	0.000118	0.000825	0.0895	0.0000103	1.04	1.55	0.0124	0.000365	3.61	0.00102	0.0102	0.0000618	0.000105	0.0000448	0.0644	0.00000205	0.0000686	0.000298	0.00152	
2028 Jan	0.000118	0.000825	0.0895	0.0000103	1.04	1.55	0.0124	0.000365	3.61	0.00102	0.0102	0.0000618	0.000105	0.0000448	0.0644	0.00000205	0.0000686	0.000298	0.00152	
2028 Feb	0.000118	0.000825	0.0895	0.0000103	1.04	1.55	0.0124	0.000365	3.61	0.00102	0.0102	0.0000618	0.000105	0.0000448	0.0644	0.00000205	0.0000686	0.000298	0.00152	
2028 Mar	0.000118	0.000826	0.0895	0.0000103	1.04	1.55	0.0125	0.000365	3.61	0.00102	0.0102	0.0000618	0.000105	0.0000448	0.0644	0.00000205	0.0000686	0.000298	0.00152	

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Apr	0.000118	0.000828	0.0898	0.0000103	1.05	1.56	0.0125	0.000366	3.63	0.00103	0.0103	0.0000621	0.000106	0.000045	0.0647	0.00000206	0.0000689	0.000299	0.00153	
2028 May	0.00012	0.00084	0.0911	0.0000104	1.06	1.58	0.0127	0.000371	3.68	0.00104	0.0104	0.000063	0.000107	0.0000456	0.0656	0.00000209	0.0000698	0.000303	0.00155	
2028 Jun	0.000106	0.000673	0.0845	0.00000999	0.925	1.29	0.0141	0.000192	2.87	0.000999	0.00934	0.0000885	0.000184	0.0000432	0.0537	0.000002	0.000056	0.000425	0.00188	
2028 Jul	0.000103	0.000653	0.0859	0.0000102	0.907	1.24	0.0147	0.000135	2.72	0.00101	0.00926	0.000101	0.000208	0.0000439	0.0513	0.00000204	0.0000526	0.000455	0.002	
2028 Aug	0.000111	0.000712	0.0919	0.0000109	0.981	1.34	0.0154	0.00016	2.99	0.00108	0.0099	0.000105	0.00021	0.0000475	0.0559	0.00000218	0.0000567	0.000459	0.00208	
2028 Sep	0.000115	0.000764	0.0929	0.0000109	1.02	1.43	0.0147	0.00023	3.24	0.00108	0.0102	0.0000923	0.000181	0.0000472	0.0596	0.00000218	0.0000619	0.000419	0.00195	
2028 Oct	0.000119	0.000849	0.091	0.0000102	1.04	1.58	0.0119	0.000388	3.66	0.00102	0.0106	0.0000558	0.000102	0.0000426	0.0649	0.00000204	0.000072	0.000305	0.00151	
2028 Nov	0.00012	0.000868	0.0916	0.0000102	1.06	1.61	0.0116	0.000412	3.74	0.00102	0.0107	0.0000517	0.0000923	0.0000424	0.0662	0.00000204	0.0000739	0.000293	0.00146	
2028 Dec	0.000121	0.000868	0.0917	0.0000102	1.06	1.61	0.0116	0.000412	3.74	0.00102	0.0107	0.0000517	0.0000923	0.0000425	0.0662	0.00000204	0.000074	0.000293	0.00146	
2029 Jan	0.000121	0.000868	0.0917	0.0000102	1.06	1.61	0.0116	0.000412	3.74	0.00102	0.0107	0.0000517	0.0000923	0.0000425	0.0662	0.00000204	0.000074	0.000293	0.00146	
2029 Feb	0.000121	0.000868	0.0917	0.0000102	1.06	1.61	0.0116	0.000412	3.74	0.00102	0.0107	0.0000517	0.0000923	0.0000425	0.0662	0.00000204	0.000074	0.000293	0.00146	
2029 Mar	0.000121	0.000868	0.0917	0.0000102	1.06	1.61	0.0116	0.000412	3.74	0.00102	0.0107	0.0000517	0.0000923	0.0000425	0.0663	0.00000204	0.000074	0.000293	0.00146	
2029 Apr	0.000121	0.000869	0.0918	0.0000102	1.06	1.61	0.0117	0.000413	3.75	0.00102	0.0107	0.0000518	0.0000924	0.0000425	0.0663	0.00000205	0.0000741	0.000294	0.00147	
2029 May	0.000122	0.000878	0.0927	0.0000103	1.07	1.63	0.0118	0.000416	3.79	0.00103	0.0108	0.0000528	0.0000934	0.000043	0.067	0.00000206	0.0000747	0.000297	0.00148	
2029 Jun	0.000131	0.0008	0.094	0.0000103	1.04	1.57	0.0158	0.000306	3.49	0.00105	0.0103	0.0000961	0.000144	0.0000458	0.0644	0.00000206	0.0000669	0.000396	0.00171	
2029 Jul	0.0000997	0.000677	0.085	0.00000977	0.876	1.22	0.0133	0.000142	2.76	0.000957	0.00887	0.0001	0.000167	0.0000421	0.0503	0.00000195	0.00005	0.000358	0.00174	
2029 Aug	0.000103	0.000747	0.0879	0.0000102	0.942	1.32	0.0127	0.000198	3.11	0.00099	0.00915	0.0000939	0.000134	0.0000452	0.055	0.00000203	0.0000531	0.000282	0.00161	
2029 Sep	0.000108	0.000788	0.089	0.0000103	0.989	1.41	0.0124	0.000261	3.35	0.00101	0.00952	0.0000819	0.000116	0.0000459	0.059	0.00000206	0.0000584	0.000263	0.00155	
2029 Oct	0.000112	0.000826	0.0896	0.0000102	1.01	1.49	0.0117	0.000325	3.53	0.001	0.00988	0.000069	0.0000962	0.0000446	0.0618	0.00000204	0.0000639	0.000249	0.00145	
2029 Nov	0.000114	0.000847	0.0894	0.0000101	1.02	1.53	0.0112	0.000368	3.63	0.000991	0.0101	0.0000591	0.0000813	0.0000433	0.0634	0.00000201	0.0000674	0.000237	0.00137	
2029 Dec	0.000114	0.000847	0.0895	0.0000101	1.02	1.53	0.0112	0.000368	3.63	0.000992	0.0101	0.0000592	0.0000814	0.0000433	0.0635	0.00000201	0.0000674	0.000237	0.00137	
2030 Jan	0.000114	0.000847	0.0895	0.0000101	1.02	1.53	0.0112	0.000368	3.63	0.000992	0.0101	0.0000592	0.0000814	0.0000433	0.0635	0.00000201	0.0000674	0.000237	0.00137	
2030 Feb	0.000114	0.000847	0.0895	0.0000101	1.02	1.53	0.0112	0.000368	3.63	0.000992	0.0101	0.0000592	0.0000814	0.0000433	0.0635	0.00000201	0.0000674	0.000237	0.00137	
2030 Mar	0.000114	0.000848	0.0896	0.0000101	1.02	1.53	0.0112	0.000368	3.63	0.000992	0.0101	0.0000592	0.0000814	0.0000433	0.0635	0.00000201	0.0000675	0.000237	0.00138	
2030 Apr	0.000114	0.000849	0.0897	0.0000101	1.03	1.54	0.0112	0.000369	3.64	0.000994	0.0101	0.0000593	0.0000816	0.0000434	0.0636	0.00000202	0.0000676	0.000237	0.00138	
2030 May	0.000116	0.000863	0.0911	0.0000103	1.04	1.56	0.0114	0.000375	3.7	0.00101	0.0103	0.0000603	0.0000829	0.0000441	0.0646	0.00000205	0.0000687	0.000241	0.0014	
2030 Jun	0.000104	0.000686	0.0849	0.00000996	0.923	1.29	0.0136	0.000197	2.9	0.000991	0.00934	0.0000868	0.000175	0.0000428	0.0536	0.00000199	0.000056	0.000402	0.00182	
2030 Jul	0.0001	0.000657	0.0846	0.00000993	0.887	1.22	0.0139	0.000138	2.71	0.000981	0.00903	0.0000988	0.000189	0.0000427	0.0504	0.00000199	0.0000512	0.00041	0.00188	
2030 Aug	0.000104	0.000725	0.0889	0.0000103	0.934	1.3	0.0135	0.00017	2.98	0.00101	0.00933	0.0000995	0.000164	0.0000448	0.0539	0.00000206	0.0000533	0.000349	0.00178	
2030 Sep	0.000108	0.00076	0.0915	0.0000107	0.979	1.37	0.0137	0.000198	3.16	0.00104	0.00969	0.0000977	0.00016	0.0000466	0.0569	0.00000213	0.0000564	0.000346	0.0018	
2030 Oct	0.000112	0.000798	0.0914	0.0000105	1	1.44	0.0128	0.00027	3.36	0.00103	0.00997	0.0000821	0.000132	0.000045	0.0598	0.00000209	0.0000618	0.000316	0.00165	
2030 Nov	0.000114	0.00082	0.0912	0.0000103	1.01	1.49	0.0123	0.00031	3.47	0.00102	0.0101	0.0000731	0.000117	0.0000441	0.0614	0.00000207	0.0000649	0.000298	0.00157	
2030 Dec	0.000114	0.00082	0.0912	0.0000103	1.01	1.49	0.0123	0.000311	3.47	0.00102	0.0101	0.0000731	0.000117	0.0000441	0.0615	0.00000207	0.0000649	0.000298	0.00157	
2031 Jan	0.000114	0.00082	0.0912	0.0000103	1.01	1.49	0.0123	0.000311	3.47	0.00102	0.0101	0.0000731	0.000117	0.0000441	0.0615	0.00000207	0.0000649	0.000298	0.00157	
2031 Feb	0.000114	0.00082	0.0912	0.0000103	1.01	1.49	0.0123	0.000311	3.47	0.00102	0.0101	0.0000731	0.000117	0.0000441	0.0615	0.00000207	0.0000649	0.000298	0.00157	
2031 Mar	0.000114	0.00082	0.0913	0.0000103	1.01	1.49	0.0123	0.000311	3.47	0.00102	0.0101	0.0000731	0.000117	0.0000441	0.0615	0.00000207	0.0000649	0.000298	0.00157	
2031 Apr	0.000114	0.000824	0.0917	0.0000104	1.02	1.5	0.0124	0.000312	3.49	0.00102	0.0102	0.0000735	0.000117	0.0000444	0.0618	0.00000208	0.0000653	0.0003	0.00158	
2031 May	0.000181	0.000889	0.11	0.0000105	1.17	1.9	0.0244	0.000303	4.03	0.00113	0.0105	0.000181	0.000133	0.0000554	0.077	0.0000021	0.0000675	0.000425	0.00163	
2031 Jun	0.000378	0.000968	0.159	0.0000101	1.52	2.96	0.0622	0.00019	5.21	0.0014	0.0105	0.000525	0.000208	0.0000868	0.117	0.00000201	0.0000654	0.000861	0.00186	
2031 Jul	0.000353	0.000978	0.156	0.0000107	1.5	2.84	0.0575	0.000191	5.11	0.00142	0.0109	0.000483	0.000218	0.0000847	0.112	0.00000215	0.000067	0.000834	0.00198	
2031 Aug	0.000307	0.000972	0.145	0.0000109	1.44	2.61	0.0487	0.000227	4.93	0.00136	0.0108	0.000404	0.000185	0.0000791	0.104	0.00000218	0.0000665	0.000692	0.00186	
2031 Sep	0.000232	0.000935	0.12	0.0000104	1.3	2.23	0.0332	0.000341	4.57	0.00121	0.0105	0.000252	0.00012	0.0000651	0.0907	0.00000208	0.0000699	0.000478	0.00155	
2031 Oct	0.000174	0.000939	0.104	0.00000993	1.18	1.97	0.0203	0.000455	4.32	0.00107	0.0107	0.000128	0.0000663	0.0000507	0.0801	0.00000199	0.0000767	0.000323	0.00128	
2031 Nov	0.000172	0.000943	0.103	0.00000994	1.18	1.96	0.0197	0.000463	4.32	0.00107	0.0108	0.000121	0.0000635	0.0000501	0.0798	0.00000199	0.0000774	0.000316	0.00127	
2031 Dec	0.000172	0.000943	0.103	0.00000995	1.18	1.96	0.0197	0.000463	4.33	0.00107	0.0108	0.000121	0.0000635	0.0000501	0.0798	0.00000199	0.0000775	0.000316	0.00127	
2032 Jan	0.000172	0.000943	0.103	0.00000995	1.18	1.96	0.0197	0.000463	4.33	0.00107	0.0108	0.000121	0.0000635	0.0000501	0.0798	0.00000199	0.0000775	0.000316	0.00127	
2032 Feb	0.000172	0.000943	0.103	0.00000995	1.18	1.96	0.0197	0.000463	4.33	0.00107	0.0108	0.000121	0.0000635	0.0000501	0.0798	0.00000199	0.0000775	0.000316	0.00127	
2032 Mar	0.000172	0.000944	0.103	0.00000995	1.18	1.96	0.0197	0.000463	4.33	0.00107	0.0108	0.000121	0.0000635	0.0000501	0.0799	0.00000199	0.0000775	0.000316	0.00127	
2032 Apr	0.000172	0.000946	0.104	0.00000998	1.18	1.97	0.0198	0.000465	4.34	0.00107	0.0108	0.000121	0.0000637	0.0000503	0.0801	0.000002	0.0000777	0.000317	0.00128	
2032 May	0.000178	0.000963	0.106	0.0000101	1.21	2.02	0.0207	0.00047	4.43	0.00109	0.011	0.000129	0.0000659	0.0000516	0.082	0.00000203	0.0000789	0.000328	0.0013	
2032 Jun	0.000141	0.000698	0.0932	0.00000979	0.985	1.49	0.0205	0.000186	3.12	0.00103	0.00935	0.000147	0.000187	0.000048	0.0611	0.00000196	0.0000565	0.000487	0.00186	
2032 Jul	0.0001	0.00066	0.0826	0.00000949	0.862	1.31	0.014	0.000138	3.51	0.00098	0.00858	0.000102	0.000179	0.0000445	0.0501	0.0000019	0.0000508	0.000372	0.00174	0.00000854
2032 Aug	0.000116	0.000841	0.0825	0.00000985	1.03	2.54	0.0164	0.00031	11.3	0.0014	0.00874	0.0000839	0.000207	0.0000756	0.0665	0.00000198	0.0000787	0.000308	0.00162	0.0000825
2032 Sep	0.000127	0.000947	0.0832	0.0000101	1.14	3.3	0.0184	0.000413	16.1	0.00166	0.00901	0.0000739	0.000236	0.0000941	0.0766	0.00000204	0.0000971	0.000305	0.00161	0.000128
2032 Oct	0.000133	0.000995	0.0846	0.0000102	1.18	3.55	0.0189	0.000457	17.6	0.00174	0.00928	0.00007	0.000244	0.0000991	0.0804	0.00000205	0.000105	0.000309	0.0016	0.000142
2032 Nov	0.00014	0.00106	0.085	0.0000102	1.22	4.07	0.0204	0.000508	20.9	0.00191	0.00937	0.0000675	0.000273	0.0000111	0.0858	0.00000206	0.000117	0.000321	0.00161	0.000176
2032 Dec	0.000145	0.0011	0.085	0.0000101	1.26	4.45	0.0213	0.000549	23.3	0.00203	0.00944	0.0000645	0.000291	0.000119	0.0896	0.00000205	0.000125	0.000328	0.0016	0.0002
2033 Jan	0.000145	0.0011	0.085	0.0000101	1.26	4.45	0.0213	0.000549	23.3	0.00203	0.00944	0.0000645	0.000291	0.000119	0.0896	0.00000205	0.000125	0.000328	0.0016	0.0002
2033 Feb	0.000145	0.0011	0.085	0.0000101	1.26	4.45	0.0213	0.000549	23.3	0.00203	0.00944	0.0000646	0.000291	0.000119	0.0897	0.00000205	0.000125	0.000328	0.0016	0.0002
2033 Mar	0.000145	0.0011	0.0851	0.0000101	1.26	4.45	0.0214	0.000549	23.3	0.00204	0.00945	0.0000646	0.000292	0.000119	0.0898	0.00000205	0.000126	0.000329	0.0016	0.0002
2033 Apr	0.000146	0.00111	0.0857	0.0000102	1.27	4.48	0.0215	0.000553	23.5	0.00205	0.00951	0.0000651	0.000294	0.00012	0.0904	0.00000207	0.000126	0.000331	0.00162	0.000201
2033 May	0.000349	0.00123	0.143	0.0000102	1.65	5.16	0.0579	0.000463	21.3	0.00217	0.0103	0.000411	0.00031	0.000139	0.131	0.00000206	0.00012	0.000726	0.00174	0.000165
2033 Jun	0.000388	0.00103	0.154	0.00000956	1.56	4	0.0659	0.000242	12.1	0.00175	0.00987	0.000528	0.000285	0.000113	0.124	0.00000192	0.0000848	0.000899	0.00189	0.0000756
2033 Jul	0.000327	0.00102	0.141	0.00001	1.47	3.86	0.055	0.000259	13.1	0.00177	0.00997	0.000427	0.000296	0.000109	0.113	0.00000202	0.0000888	0.000793	0.00195	0.0000914
2033 Aug	0.000324	0.00112	0.142	0.0000106	1.54	4.37	0.0545	0.000318	16.3	0.00197	0.0104	0.000409	0.000322	0.000122	0.118	0.00000214	0.000102	0.000768	0.00199	0.000126
2033 Sep	0.000268	0.00123	0.12	0.0000103	1.52	5.21	0.0434	0.000534	23.1	0.00224	0.0103	0.000262	0.000331	0.000138	0.117	0.00000208	0.000132	0.000593	0.00175	0.000207
2033 Oct	0.000207	0.00134	0.0984	0.00000975	1.46	5.93	0.0303	0.000767	28.9	0.00244	0.0106	0.000101	0.000326	0.000146	0.115	0.00000199	0.000163	0.000413	0.00145	0.00028

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Nov	0.000199	0.00133	0.0974	0.00000978	1.44	5.69	0.0282	0.000769	27.5	0.00235	0.0107	0.0000867	0.000305	0.00014	0.112	0.000002	0.00016	0.000389	0.00142	0.000265
2033 Dec	0.000199	0.00133	0.0975	0.00000979	1.45	5.7	0.0282	0.00077	27.5	0.00235	0.0107	0.0000867	0.000305	0.00014	0.112	0.000002	0.00016	0.00039	0.00142	0.000265
2034 Jan	0.000199	0.00133	0.0975	0.00000979	1.45	5.7	0.0282	0.00077	27.5	0.00235	0.0107	0.0000867	0.000305	0.00014	0.112	0.000002	0.00016	0.00039	0.00142	0.000265
2034 Feb	0.0002	0.00133	0.0975	0.00000979	1.45	5.7	0.0282	0.00077	27.5	0.00235	0.0107	0.0000867	0.000305	0.00014	0.112	0.000002	0.00016	0.00039	0.00142	0.000265
2034 Mar	0.0002	0.00133	0.0975	0.00000979	1.45	5.7	0.0282	0.00077	27.5	0.00236	0.0107	0.0000868	0.000305	0.00014	0.112	0.000002	0.00016	0.00039	0.00142	0.000265
2034 Apr	0.000201	0.00134	0.098	0.00000985	1.45	5.73	0.0284	0.000774	27.7	0.00237	0.0108	0.0000872	0.000307	0.000141	0.113	0.00000201	0.000161	0.000392	0.00143	0.000266
2034 May	0.000272	0.00137	0.119	0.00001	1.59	5.86	0.0413	0.000718	26.3	0.00239	0.011	0.000215	0.000314	0.000146	0.126	0.00000204	0.000155	0.000536	0.00152	0.000245
2034 Jun	0.000402	0.00106	0.16	0.00000978	1.6	3.97	0.0673	0.000265	10.9	0.00173	0.0103	0.000543	0.000266	0.000111	0.128	0.00000196	0.0000854	0.000907	0.00186	0.0000652
2034 Jul	0.000317	0.0012	0.133	0.0000101	1.55	5.4	0.0544	0.000407	22.3	0.00231	0.00992	0.000375	0.000388	0.000146	0.123	0.00000205	0.000125	0.000758	0.00196	0.000213
2034 Aug	0.000329	0.00131	0.139	0.0000108	1.66	5.99	0.0565	0.000468	25.3	0.00255	0.0106	0.000377	0.000423	0.000161	0.132	0.0000022	0.00014	0.000775	0.00207	0.000247
2034 Sep	0.000281	0.00144	0.119	0.0000104	1.66	6.98	0.0468	0.000692	32	0.00285	0.0106	0.000242	0.000443	0.000179	0.133	0.00000213	0.000173	0.000627	0.00184	0.000338
2034 Oct	0.000236	0.00154	0.101	0.00000991	1.63	7.8	0.0376	0.00089	37.2	0.0031	0.0106	0.000116	0.000456	0.000193	0.133	0.00000204	0.000202	0.00049	0.0016	0.000419
2034 Nov	0.000238	0.00158	0.101	0.00000995	1.66	8.09	0.038	0.000919	38.8	0.0032	0.0107	0.000111	0.000473	0.0002	0.136	0.00000205	0.000209	0.000493	0.00162	0.00044
2034 Dec	0.000238	0.00158	0.101	0.00000995	1.66	8.1	0.0381	0.00092	38.9	0.0032	0.0107	0.000111	0.000474	0.0002	0.136	0.00000205	0.000209	0.000494	0.00162	0.000441
2035 Jan	0.000238	0.00158	0.101	0.00000995	1.66	8.11	0.0381	0.000921	38.9	0.0032	0.0107	0.000111	0.000474	0.0002	0.136	0.00000205	0.000209	0.000494	0.00162	0.000442
2035 Feb	0.000238	0.00158	0.101	0.00000995	1.66	8.11	0.0381	0.000921	38.9	0.0032	0.0107	0.000111	0.000474	0.0002	0.136	0.00000205	0.000209	0.000494	0.00162	0.000442
2035 Mar	0.000238	0.00158	0.101	0.00000996	1.66	8.11	0.0381	0.000921	38.9	0.00321	0.0107	0.000111	0.000475	0.0002	0.136	0.00000205	0.000209	0.000494	0.00162	0.000442
2035 Apr	0.00024	0.00159	0.101	0.00001	1.67	8.15	0.0383	0.000926	39.1	0.00322	0.0107	0.000112	0.000477	0.000201	0.137	0.00000206	0.00021	0.000496	0.00163	0.000444
2035 May	0.000266	0.00162	0.11	0.0000102	1.73	8.24	0.0428	0.000916	38.9	0.00325	0.011	0.000155	0.000481	0.000204	0.143	0.0000021	0.00021	0.000548	0.00167	0.000438
2035 Jun	0.000208	0.0008	0.108	0.00000962	1.14	2.55	0.0339	0.000202	7.6	0.00137	0.00925	0.00025	0.000255	0.0000754	0.0794	0.00000193	0.0000709	0.000625	0.00194	0.0000533
2035 Jul	0.000154	0.00077	0.0959	0.00001	1.05	2.29	0.0247	0.000192	7.46	0.00134	0.00925	0.000169	0.000262	0.0000698	0.0679	0.00000201	0.0000703	0.000542	0.00201	0.0000582
2035 Aug	0.000158	0.00091	0.0934	0.0000103	1.17	3.24	0.0251	0.000331	12.6	0.00167	0.00933	0.00014	0.000283	0.0000939	0.0793	0.00000208	0.0000926	0.000473	0.00191	0.000124
2035 Sep	0.000178	0.00129	0.0862	0.00000987	1.42	6.15	0.0279	0.000729	27.4	0.00258	0.00967	0.0000672	0.000382	0.000158	0.109	0.00000202	0.000165	0.000395	0.00161	0.000334
2035 Oct	0.00018	0.00137	0.0876	0.00000979	1.45	6.37	0.0264	0.000817	28	0.00262	0.0102	0.0000453	0.000364	0.000158	0.113	0.000002	0.000175	0.000367	0.00149	0.000347
2035 Nov	0.000181	0.00139	0.0871	0.00000967	1.46	6.54	0.0262	0.000847	28.6	0.00266	0.0103	0.0000381	0.000366	0.000161	0.115	0.00000198	0.00018	0.00036	0.00144	0.000359
2035 Dec	0.000181	0.0014	0.0872	0.00000968	1.46	6.55	0.0263	0.000849	28.7	0.00267	0.0103	0.0000381	0.000367	0.000161	0.115	0.00000198	0.00018	0.00036	0.00144	0.00036
2036 Jan	0.000181	0.0014	0.0872	0.00000968	1.46	6.55	0.0263	0.000849	28.7	0.00267	0.0103	0.0000381	0.000367	0.000161	0.115	0.00000198	0.00018	0.00036	0.00144	0.000361
2036 Feb	0.000181	0.0014	0.0872	0.00000968	1.46	6.55	0.0263	0.000849	28.7	0.00267	0.0103	0.0000381	0.000367	0.000161	0.115	0.00000198	0.00018	0.00036	0.00144	0.000361
2036 Mar	0.000181	0.0014	0.0872	0.00000968	1.46	6.55	0.0263	0.000849	28.7	0.00267	0.0103	0.0000381	0.000367	0.000161	0.115	0.00000198	0.00018	0.00036	0.00144	0.000361
2036 Apr	0.000189	0.00141	0.0894	0.00000973	1.48	6.64	0.0276	0.000854	29	0.0027	0.0104	0.0000437	0.000371	0.000163	0.117	0.00000199	0.000182	0.000374	0.00145	0.000364
2036 May	0.000214	0.00146	0.0971	0.00000997	1.56	6.92	0.0321	0.000868	29.8	0.00279	0.0107	0.0000662	0.000384	0.000169	0.124	0.00000204	0.000186	0.00042	0.0015	0.000372
2036 Jun	0.000178	0.000926	0.0962	0.0000098	1.18	3.57	0.0288	0.000348	13.2	0.00174	0.0094	0.000159	0.000313	0.0000981	0.0833	0.00000198	0.0001	0.000555	0.00193	0.000147
2036 Jul	0.000135	0.000844	0.0896	0.0000101	1.06	2.84	0.0214	0.000261	10.2	0.00154	0.00921	0.000121	0.000287	0.0000822	0.0692	0.00000203	0.0000848	0.000477	0.00196	0.000112
2036 Aug	0.000145	0.000938	0.0941	0.0000107	1.15	3.3	0.0228	0.000316	12.2	0.00172	0.00969	0.000122	0.000307	0.0000944	0.0765	0.00000215	0.0000962	0.000474	0.00201	0.000141
2036 Sep	0.000159	0.00112	0.0908	0.0000105	1.29	4.75	0.0254	0.000505	18.9	0.00218	0.00971	0.0000961	0.000358	0.000128	0.0925	0.00000213	0.00013	0.000445	0.00188	0.000247
2036 Oct	0.000171	0.00128	0.0896	0.0000101	1.39	5.77	0.0259	0.000694	23.2	0.00246	0.0101	0.0000639	0.000368	0.000147	0.105	0.00000206	0.000159	0.000404	0.00166	0.000318
2036 Nov	0.000176	0.00133	0.0892	0.00001	1.42	6.22	0.0268	0.000745	25.1	0.0026	0.0102	0.0000588	0.000388	0.000157	0.109	0.00000205	0.000169	0.000406	0.00164	0.000352
2036 Dec	0.000178	0.00135	0.0891	0.00001	1.43	6.32	0.027	0.000758	25.6	0.00264	0.0102	0.0000572	0.000393	0.000159	0.11	0.00000205	0.000172	0.000406	0.00163	0.00036
2037 Jan	0.000178	0.00135	0.0891	0.00001	1.43	6.32	0.027	0.000758	25.6	0.00264	0.0102	0.0000572	0.000393	0.000159	0.111	0.00000205	0.000172	0.000406	0.00163	0.00036
2037 Feb	0.000178	0.00135	0.0891	0.00001	1.43	6.33	0.027	0.000758	25.6	0.00264	0.0102	0.0000572	0.000393	0.000159	0.111	0.00000205	0.000172	0.000406	0.00163	0.00036
2037 Mar	0.000178	0.00135	0.0892	0.00001	1.43	6.33	0.0271	0.000759	25.7	0.00264	0.0102	0.0000573	0.000393	0.000159	0.111	0.00000205	0.000172	0.000406	0.00164	0.000361
2037 Apr	0.000178	0.00135	0.0895	0.0000101	1.44	6.36	0.0272	0.000761	25.7	0.00265	0.0103	0.0000575	0.000395	0.00016	0.111	0.00000206	0.000173	0.000408	0.00164	0.000362
2037 May	0.000376	0.00132	0.149	0.0000101	1.72	5.69	0.062	0.000531	18.4	0.00232	0.0108	0.000433	0.000329	0.000149	0.14	0.00000204	0.000133	0.000782	0.00172	0.000215
2037 Jun	0.000411	0.0011	0.159	0.00000959	1.63	4.51	0.0701	0.000283	11.9	0.00191	0.01	0.000554	0.000308	0.000125	0.132	0.00000193	0.0000948	0.000934	0.00189	0.000115
2037 Jul	0.000355	0.00112	0.147	0.0000102	1.57	4.66	0.0605	0.000318	13.7	0.00204	0.0102	0.000456	0.000342	0.000129	0.124	0.00000205	0.000105	0.000849	0.002	0.000155
2037 Aug	0.000349	0.0012	0.146	0.0000106	1.63	5.13	0.0595	0.000381	15.9	0.00222	0.0105	0.000431	0.000365	0.000141	0.128	0.00000215	0.000117	0.000819	0.00203	0.000193
2037 Sep	0.00033	0.00125	0.14	0.0000108	1.64	5.35	0.0553	0.000458	17.2	0.0023	0.0107	0.000379	0.000363	0.000145	0.129	0.00000218	0.000127	0.000755	0.00197	0.000217
2037 Oct	0.000268	0.00124	0.122	0.0000103	1.52	5	0.0419	0.000561	16.5	0.00215	0.0107	0.000251	0.000303	0.00013	0.117	0.00000209	0.000131	0.000582	0.0017	0.000213
2037 Nov	0.00026	0.00124	0.12	0.0000103	1.51	4.98	0.0402	0.000577	16.5	0.00214	0.0108	0.000235	0.000296	0.000129	0.116	0.00000209	0.000132	0.000561	0.00167	0.000214
2037 Dec	0.000261	0.00124	0.12	0.0000103	1.51	5	0.0403	0.00058	16.6	0.00215	0.0108	0.000235	0.000298	0.000129	0.116	0.00000209	0.000133	0.000562	0.00167	0.000216
2038 Jan	0.000261	0.00124	0.12	0.0000103	1.51	5	0.0403	0.00058	16.7	0.00215	0.0108	0.000235	0.000298	0.000129	0.116	0.00000209	0.000133	0.000562	0.00167	0.000216
2038 Feb	0.000261	0.00124	0.12	0.0000103	1.51	5	0.0403	0.00058	16.7	0.00215	0.0108	0.000235	0.000298	0.000129	0.116	0.00000209	0.000133	0.000562	0.00167	0.000216
2038 Mar	0.000261	0.00124	0.12	0.0000103	1.51	5	0.0403	0.00058	16.7	0.00215	0.0108	0.000235	0.000298	0.000129	0.116	0.00000209	0.000133	0.000562	0.00167	0.000216
2038 Apr	0.000262	0.00125	0.12	0.0000104	1.52	5.02	0.0405	0.000582	16.7	0.00216	0.0108	0.000236	0.000299	0.00013	0.117	0.0000021	0.000133	0.000564	0.00168	0.000217
2038 May	0.000331	0.00127	0.141	0.0000104	1.64	5.03	0.0528	0.000525	15.4	0.00213	0.0111	0.00036	0.000292	0.000132	0.129	0.00000211	0.000126	0.000695	0.00172	0.000184
2038 Jun	0.00042	0.00104	0.167	0.00000987	1.62	3.7	0.0703	0.000224	7.79	0.00163	0.0104	0.000582	0.000248	0.000105	0.129	0.00000198	0.0000771	0.000941	0.00187	0.0000424
2038 Jul	0.00039	0.00107	0.163	0.0000107	1.62	3.73	0.0651	0.000238	8.41	0.00171	0.0109	0.000529	0.000276	0.000107	0.125	0.00000214	0.000083	0.00092	0.00205	0.0000572
2038 Aug	0.00037	0.00113	0.157	0.0000111	1.65	4.05	0.0612	0.000313	10.1	0.00185	0.0111	0.000478	0.000283	0.000115	0.127	0.00000224	0.0000938	0.000847	0.00204	0.000089
2038 Sep	0.000329	0.00117	0.144	0.000011	1.61	4.29	0.0533	0.000414	11.9	0.00193	0.0111	0.000387	0.000277	0.000119	0.123	0.00000221	0.000106	0.000733	0.0019	0.000127
2038 Oct	0.000287	0.00118	0.131	0.0000107	1.53	4.25	0.0444	0.000493	12.3	0.0019	0.0111	0.000297	0.000252	0.000113	0.116	0.00000216	0.000113	0.000618	0.00173	0.000141
2038 Nov	0.000285	0.00119	0.13	0.0000107	1.54	4.32	0.044	0.000506	12.7	0.00192	0.0111	0.000291	0.000255	0.000115	0.116	0.00000216	0.000115	0.000612	0.00173	0.000148
2038 Dec	0.000285	0.00119	0.13	0.0000107	1.54	4.34	0.044	0.000508	12.8	0.00193	0.0111	0.000291	0.000256	0.000115	0.117	0.00000216	0.000116	0.000613	0.00173	0.000149
2039 Jan	0.000285	0.00119	0.13	0.0000107	1.54	4.35	0.0441	0.000508	12.8	0.00193	0.0111	0.000291	0.000257	0.000115	0.117	0.00000216	0.000116	0.000613	0.00173	0.00015
2039 Feb	0.000285	0.00119	0.13	0.0000107	1.54	4.35	0.0441	0.000508	12.8	0.00193	0.0111	0.000291	0.000257	0.000116	0.117	0.00000216	0.000116	0.000613	0.00173	0.00015
2039 Mar	0.000285	0.00119	0.131	0.0000107	1.54	4.36	0.0441	0.000509	12.8	0.00194	0.0111	0.000291	0.000257	0.000116	0.117	0.00000216	0.000116	0.000614	0.00173	0.000151
2039 Apr	0.000286	0.0012	0.131	0.0000108	1.55	4.37	0.0443	0.000511	12.9	0.00194	0.0112	0.000292	0.000258	0.000116	0.117	0.00000217	0.000117	0.000616	0.00174	0.000151
2039 May	0.000293	0.00122	0.134	0.000011	1.58	4.46	0.0453	0.00052	13.1	0.00198	0.0114	0.000299	0.000264	0.000118	0.12	0.00000221	0.000119	0.000629	0.00177	0.000154

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Jun	0.000149	0.000792	0.092	0.00000993	1.06	2.55	0.0238	0.000242	7.48	0.00143	0.00925	0.000146	0.000275	0.0000754	0.0696	0.00000199	0.0000783	0.000534	0.002	0.0000893
2039 Jul	0.000111	0.00076	0.0853	0.00000975	0.942	2.02	0.0163	0.000197	5.81	0.00123	0.00878	0.000106	0.000219	0.0000621	0.0581	0.00000196	0.0000662	0.000379	0.00177	0.0000653
2039 Aug	0.00012	0.000928	0.091	0.0000102	1.05	2.64	0.0163	0.000293	8.09	0.00143	0.00914	0.000102	0.000197	0.000077	0.0678	0.00000206	0.0000799	0.00026	0.00155	0.000107
2039 Sep	0.00013	0.00101	0.0925	0.0000104	1.13	3.18	0.0177	0.000378	9.94	0.00161	0.00954	0.0000927	0.000217	0.000089	0.0756	0.0000021	0.0000944	0.000271	0.00156	0.000145
2039 Oct	0.000135	0.00105	0.0923	0.0000104	1.17	3.45	0.018	0.000441	10.9	0.00169	0.00977	0.000082	0.00022	0.0000935	0.0797	0.00000209	0.000103	0.000273	0.00152	0.000164
2039 Nov	0.000137	0.00107	0.0925	0.0000104	1.18	3.56	0.0184	0.000451	11.2	0.00173	0.0098	0.0000821	0.000227	0.0000961	0.0809	0.00000209	0.000106	0.000277	0.00152	0.000172
2039 Dec	0.000137	0.00107	0.0926	0.0000104	1.18	3.57	0.0184	0.000452	11.3	0.00173	0.00981	0.0000821	0.000228	0.0000965	0.081	0.0000021	0.000106	0.000278	0.00153	0.000174
2040 Jan	0.000137	0.00107	0.0926	0.0000104	1.18	3.58	0.0184	0.000452	11.3	0.00173	0.00981	0.0000821	0.000228	0.0000966	0.0811	0.0000021	0.000106	0.000278	0.00153	0.000174
2040 Feb	0.000137	0.00107	0.0926	0.0000104	1.18	3.58	0.0185	0.000453	11.3	0.00174	0.00981	0.0000821	0.000229	0.0000968	0.0811	0.0000021	0.000106	0.000278	0.00153	0.000175
2040 Mar	0.000137	0.00107	0.0927	0.0000104	1.18	3.59	0.0185	0.000453	11.3	0.00174	0.00982	0.0000822	0.000229	0.0000969	0.0812	0.0000021	0.000106	0.000278	0.00153	0.000175
2040 Apr	0.000138	0.00108	0.093	0.0000104	1.19	3.61	0.0186	0.000455	11.4	0.00174	0.00985	0.0000825	0.00023	0.0000973	0.0816	0.0000021	0.000107	0.000279	0.00153	0.000176
2040 May	0.000197	0.00112	0.11	0.0000105	1.31	3.82	0.0291	0.000437	11.3	0.00179	0.0102	0.00018	0.000237	0.000104	0.094	0.00000212	0.000106	0.000397	0.00159	0.000163
2040 Jun	0.000303	0.000865	0.136	0.0000097	1.33	2.67	0.0501	0.000166	5.23	0.00134	0.00969	0.000412	0.000226	0.0000796	0.0985	0.00000194	0.0000635	0.000762	0.00189	0.0000197
2040 Jul	0.000252	0.000884	0.123	0.0000101	1.27	2.88	0.0416	0.000202	6.76	0.00148	0.00976	0.000322	0.000266	0.0000852	0.0912	0.00000203	0.0000743	0.000692	0.002	0.0000659
2040 Aug	0.000241	0.000979	0.12	0.0000105	1.32	3.43	0.0395	0.000282	8.94	0.00169	0.00992	0.000286	0.000282	0.0000988	0.0953	0.00000211	0.0000886	0.000625	0.00195	0.000117
2040 Sep	0.000226	0.00104	0.112	0.0000105	1.36	3.87	0.0362	0.000386	10.7	0.00184	0.00988	0.000233	0.000283	0.000109	0.0983	0.00000211	0.000102	0.000548	0.00184	0.000161
2040 Oct	0.000217	0.00107	0.11	0.0000105	1.35	3.88	0.0337	0.000435	10.9	0.00183	0.0101	0.000206	0.000267	0.000107	0.0981	0.00000211	0.000106	0.000511	0.00177	0.000163
2040 Nov	0.000218	0.00108	0.111	0.0000105	1.36	3.98	0.0338	0.000447	11.2	0.00186	0.0102	0.000204	0.000272	0.000109	0.0992	0.00000212	0.000109	0.000512	0.00177	0.000171
2040 Dec	0.000218	0.00108	0.111	0.0000105	1.37	4	0.0339	0.000448	11.3	0.00187	0.0102	0.000204	0.000273	0.00011	0.0994	0.00000212	0.000109	0.000513	0.00177	0.000172
2041 Jan	0.000218	0.00108	0.111	0.0000105	1.37	4.01	0.0339	0.000449	11.3	0.00187	0.0102	0.000204	0.000274	0.00011	0.0995	0.00000212	0.000109	0.000513	0.00177	0.000173
2041 Feb	0.000218	0.00108	0.111	0.0000105	1.37	4.02	0.0339	0.000449	11.3	0.00187	0.0102	0.000204	0.000274	0.00011	0.0995	0.00000212	0.00011	0.000513	0.00177	0.000174
2041 Mar	0.000219	0.00109	0.111	0.0000105	1.37	4.02	0.034	0.00045	11.3	0.00188	0.0102	0.000204	0.000275	0.00011	0.0997	0.00000212	0.00011	0.000514	0.00177	0.000174
2041 Apr	0.000219	0.00109	0.111	0.0000106	1.37	4.04	0.0341	0.000451	11.4	0.00188	0.0102	0.000205	0.000275	0.00011	0.0999	0.00000213	0.00011	0.000515	0.00178	0.000175
2041 May	0.000244	0.00116	0.116	0.0000107	1.46	4.62	0.0389	0.000485	13.1	0.00208	0.0104	0.000235	0.000311	0.000125	0.109	0.00000215	0.000121	0.000565	0.00183	0.000215
2041 Jun	0.000147	0.00077	0.0919	0.00000991	1.05	2.38	0.0234	0.000221	6.23	0.00137	0.00914	0.000149	0.000263	0.0000716	0.0678	0.00000199	0.0000735	0.000525	0.00198	0.0000802
2041 Jul	0.000105	0.000675	0.083	0.00000966	0.895	1.6	0.0156	0.00015	3.98	0.0011	0.0087	0.000105	0.000216	0.0000522	0.0529	0.00000193	0.0000574	0.000423	0.00187	0.0000354
2041 Aug	0.000116	0.000791	0.0872	0.0000102	1	2.2	0.0173	0.000228	5.92	0.00133	0.00915	0.000103	0.000236	0.0000678	0.0622	0.00000205	0.0000718	0.000406	0.00188	0.0000795
2041 Sep	0.000127	0.000898	0.087	0.0000104	1.1	2.96	0.0188	0.00034	8.34	0.00158	0.00935	0.0000899	0.000257	0.0000858	0.0722	0.00000208	0.0000904	0.000387	0.00182	0.00014
2041 Oct	0.000134	0.000972	0.0879	0.0000103	1.15	3.32	0.0189	0.000426	9.41	0.00167	0.0097	0.0000769	0.000251	0.0000914	0.0779	0.00000207	0.000102	0.000369	0.00172	0.000165
2041 Nov	0.000136	0.000993	0.0884	0.0000103	1.17	3.46	0.0193	0.000443	9.82	0.00171	0.00978	0.0000758	0.000257	0.0000945	0.0796	0.00000208	0.000105	0.00037	0.00172	0.000175
2041 Dec	0.000137	0.000997	0.0884	0.0000103	1.17	3.5	0.0194	0.000446	9.94	0.00173	0.00978	0.0000758	0.00026	0.0000954	0.08	0.00000208	0.000106	0.000372	0.00172	0.000179
2042 Jan	0.000137	0.000999	0.0884	0.0000103	1.17	3.51	0.0194	0.000447	9.97	0.00173	0.00978	0.0000759	0.00026	0.0000956	0.0801	0.00000208	0.000106	0.000372	0.00172	0.000179
2042 Feb	0.000137	0.000999	0.0884	0.0000103	1.18	3.51	0.0194	0.000447	9.98	0.00173	0.00978	0.0000759	0.000261	0.0000957	0.0801	0.00000208	0.000106	0.000372	0.00172	0.00018
2042 Mar	0.000137	0.001	0.0885	0.0000103	1.18	3.52	0.0195	0.000448	9.99	0.00173	0.00979	0.0000759	0.000261	0.0000959	0.0802	0.00000208	0.000106	0.000372	0.00172	0.00018
2042 Apr	0.000138	0.00101	0.089	0.0000104	1.18	3.56	0.0196	0.000452	10.1	0.00175	0.00985	0.0000764	0.000264	0.0000969	0.0808	0.00000209	0.000107	0.000375	0.00173	0.000183
2042 May	0.000163	0.00105	0.0968	0.0000106	1.26	3.77	0.024	0.000459	10.5	0.00183	0.0101	0.000114	0.000275	0.000103	0.0876	0.00000214	0.000111	0.000424	0.00178	0.000188
2042 Jun	0.000136	0.000758	0.0903	0.00000999	1.02	2.14	0.0208	0.000221	5.35	0.00129	0.00925	0.000131	0.000242	0.0000652	0.0646	0.000002	0.0000703	0.000491	0.00195	0.0000649
2042 Jul	0.000114	0.000752	0.0865	0.00000997	0.96	2.01	0.0171	0.000193	5.12	0.00125	0.009	0.000109	0.000232	0.0000622	0.0588	0.000002	0.0000668	0.000421	0.00188	0.0000668
2042 Aug	0.000117	0.000863	0.0798	0.00000988	1.08	2.67	0.0161	0.000372	7.26	0.00143	0.00866	0.000069	0.000187	0.0000795	0.0703	0.00000198	0.0000824	0.000262	0.00151	0.000118
2042 Sep	0.000122	0.000924	0.0781	0.00000989	1.15	2.97	0.0157	0.000481	8.09	0.0015	0.00888	0.0000457	0.000165	0.0000853	0.0768	0.00000199	0.0000926	0.000215	0.00137	0.000137
2042 Oct	0.000129	0.000987	0.0811	0.00000982	1.17	3.19	0.0157	0.000541	8.61	0.00155	0.00943	0.0000387	0.000163	0.0000863	0.0805	0.00000197	0.000102	0.000225	0.00132	0.00015
2042 Nov	0.000131	0.00101	0.0815	0.00000987	1.19	3.35	0.0162	0.000556	9.08	0.00161	0.00948	0.0000387	0.000173	0.0000904	0.0823	0.00000198	0.000105	0.00023	0.00133	0.000165
2042 Dec	0.000132	0.00101	0.0815	0.00000987	1.19	3.39	0.0163	0.000558	9.17	0.00162	0.00948	0.0000387	0.000175	0.0000911	0.0826	0.00000199	0.000106	0.000231	0.00133	0.000168
2043 Jan	0.000132	0.00101	0.0815	0.00000987	1.2	3.4	0.0164	0.000559	9.21	0.00162	0.00948	0.0000387	0.000176	0.0000915	0.0827	0.00000199	0.000106	0.000232	0.00133	0.000169
2043 Feb	0.000132	0.00101	0.0815	0.00000987	1.2	3.4	0.0164	0.000559	9.21	0.00162	0.00948	0.0000387	0.000176	0.0000915	0.0827	0.00000199	0.000106	0.000232	0.00133	0.000169
2043 Mar	0.000132	0.00101	0.0816	0.00000988	1.2	3.4	0.0164	0.000559	9.21	0.00163	0.00948	0.0000387	0.000176	0.0000915	0.0828	0.00000199	0.000106	0.000232	0.00133	0.000169
2043 Apr	0.000133	0.00102	0.0821	0.00000994	1.2	3.42	0.0165	0.000563	9.27	0.00164	0.00954	0.000039	0.000177	0.0000921	0.0833	0.000002	0.000107	0.000233	0.00134	0.00017
2043 May	0.000183	0.00107	0.0976	0.0000102	1.32	3.64	0.0255	0.000544	9.39	0.0017	0.00993	0.000124	0.000188	0.0000983	0.0942	0.00000204	0.000107	0.000337	0.00142	0.000161
2043 Jun	0.000324	0.000905	0.141	0.0000098	1.4	2.86	0.0534	0.000196	5.44	0.0014	0.00989	0.000437	0.000223	0.0000844	0.105	0.00000196	0.0000671	0.000782	0.00186	0.0000254
2043 Jul	0.000275	0.000938	0.131	0.0000104	1.35	3.01	0.045	0.000226	6.36	0.00152	0.0102	0.000352	0.000256	0.0000886	0.0981	0.00000209	0.0000766	0.000709	0.00198	0.0000671
2043 Aug	0.000267	0.00102	0.128	0.0000109	1.42	3.52	0.0434	0.000311	7.95	0.00172	0.0104	0.000318	0.000272	0.000102	0.103	0.00000219	0.0000905	0.000658	0.00197	0.000116
2043 Sep	0.000246	0.00109	0.118	0.0000108	1.44	4.08	0.0395	0.000423	9.72	0.00191	0.0102	0.000255	0.000282	0.000114	0.106	0.00000217	0.000107	0.000573	0.00185	0.00018
2043 Oct	0.000218	0.00112	0.11	0.0000105	1.39	4.01	0.0324	0.000513	9.72	0.00184	0.0105	0.000185	0.000245	0.000107	0.102	0.00000212	0.000113	0.000478	0.00166	0.000184
2043 Nov	0.000196	0.00111	0.105	0.0000103	1.34	3.69	0.0269	0.000552	8.98	0.00171	0.0107	0.000138	0.000202	0.0000956	0.0964	0.00000208	0.000112	0.000407	0.00151	0.000161
2043 Dec	0.000196	0.00111	0.105	0.0000103	1.34	3.7	0.0269	0.000553	9	0.00171	0.0107	0.000138	0.000202	0.0000958	0.0965	0.00000208	0.000112	0.000407	0.00152	0.000162
2044 Jan	0.000196	0.00111	0.105	0.0000104	1.34	3.7	0.0269	0.000553	9.01	0.00171	0.0107	0.000138	0.000203	0.0000959	0.0966	0.00000208	0.000112	0.000408	0.00152	0.000162
2044 Feb	0.000197	0.00111	0.105	0.0000104	1.34	3.7	0.027	0.000553	9.01	0.00171	0.0107	0.000138	0.000203	0.000096	0.0966	0.00000208	0.000112	0.000408	0.00152	0.000163
2044 Mar	0.000197	0.00111	0.105	0.0000104	1.34	3.71	0.027	0.000554	9.02	0.00172	0.0108	0.000138	0.000203	0.0000961	0.0967	0.00000208	0.000112	0.000408	0.00152	0.000163
2044 Apr	0.000197	0.00111	0.106	0.0000104	1.34	3.72	0.0271	0.000555	9.05	0.00172	0.0108	0.000139	0.000204	0.0000963	0.097	0.00000209	0.000113	0.000409	0.00152	0.000163
2044 May	0.000207	0.00114	0.109	0.0000106	1.38	3.81	0.0286	0.000562	9.22	0.00176	0.011	0.000151	0.000208	0.0000988	0.0999	0.00000213	0.000115	0.000428	0.00156	0.000165
2044 Jun	0.000148	0.00071	0.0924	0.00000964	1	1.91	0.0231	0.000181	4.17	0.00118	0.00903	0.00016	0.00023	0.0000593	0.0638	0.00000193	0.0000626	0.000525	0.00192	0.0000418
2044 Jul	0.000127	0.000713	0.0903	0.0000102	0.985	1.85	0.0198	0.000166	4.16	0.00122	0.00932	0.000131	0.000251	0.0000593	0.0599	0.00000204	0.0000639	0.000518	0.00207	0.0000482
2044 Aug	0.000137	0.000798	0.0955	0.0000109	1.08	2.19	0.021	0.000217	5.05	0.00137	0.00992	0.000132	0.000265	0.0000687	0.0669	0.00000219	0.0000732	0.00052	0.00215	0.0000705
2044 Sep	0.000132	0.000873	0.0881	0.0000104	1.13	2.52	0.0179	0.000377	6.04	0.0014	0.00971	0.0000831	0.0002	0.0000735	0.0729	0.00000209	0.0000842	0.000369	0.00172	0.0000964
2044 Oct	0.000136	0.000949	0.0888	0.0000102	1.16	2.81	0.0171	0.000467	6.78	0.00146	0.0101	0.0000652	0.000183	0.0000764	0.0774	0.00000205	0.0000949	0.000334	0.00157	0.000119
2044 Nov	0.000138	0.000968	0.0892	0.0000102	1.17	2.89	0.0171	0.000486	6.98	0.00148	0.0102	0.0000622	0.000182	0.0000776	0.0787	0.00000205	0.0000976	0.00033	0.00155	0.000125
2044 Dec	0.000138	0.000971	0.0892	0.0000102	1.17	2.92	0.0172	0.000488	7.04	0.00149	0.0102	0.0000622	0.000184	0.0000782	0.0789	0.00000205	0.0000982	0.00033	0.00155	0.000127

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Jan	0.000138	0.000972	0.0892	0.0000102	1.17	2.93	0.0172	0.000488	7.06	0.00149	0.0102	0.0000622	0.000184	0.0000784	0.079	0.00000205	0.0000983	0.000331	0.00155	0.000128
2045 Feb	0.000138	0.000972	0.0892	0.0000102	1.17	2.93	0.0172	0.000488	7.06	0.00149	0.0102	0.0000622	0.000184	0.0000784	0.079	0.00000205	0.0000983	0.000331	0.00155	0.000128
2045 Mar	0.000138	0.000973	0.0893	0.0000102	1.17	2.93	0.0172	0.000489	7.07	0.00149	0.0102	0.0000622	0.000184	0.0000784	0.0791	0.00000206	0.0000984	0.000331	0.00155	0.000128
2045 Apr	0.000139	0.000975	0.0895	0.0000103	1.18	2.94	0.0173	0.00049	7.09	0.0015	0.0102	0.0000624	0.000185	0.0000787	0.0793	0.00000206	0.0000986	0.000332	0.00156	0.000129
2045 May	0.000141	0.000993	0.0911	0.0000105	1.2	2.99	0.0176	0.000499	7.21	0.00152	0.0104	0.0000635	0.000188	0.0000801	0.0807	0.0000021	0.0001	0.000338	0.00158	0.000131
2045 Jun	0.000119	0.000783	0.0834	0.00000993	1.01	2.42	0.0177	0.000278	5.58	0.00138	0.00922	0.0000881	0.000256	0.0000709	0.0642	0.00000199	0.0000797	0.000455	0.00192	0.00011
2045 Jul	0.000112	0.000722	0.0859	0.0000103	0.966	1.93	0.0171	0.000184	4.31	0.00126	0.00927	0.000102	0.000256	0.0000609	0.0579	0.00000205	0.0000672	0.000483	0.00206	0.0000679
2045 Aug	0.000118	0.000794	0.0883	0.0000107	1.04	2.23	0.0177	0.000243	5.06	0.00137	0.00956	0.0000977	0.000253	0.0000692	0.064	0.00000213	0.000075	0.000451	0.00202	0.0000904
2045 Sep	0.000123	0.000856	0.0872	0.0000106	1.1	2.54	0.0174	0.000331	5.8	0.00145	0.00965	0.0000818	0.000235	0.0000755	0.0696	0.00000212	0.0000837	0.000399	0.00187	0.000115
2045 Oct	0.000129	0.000909	0.0881	0.0000106	1.14	2.9	0.0183	0.000376	6.57	0.00156	0.00981	0.0000787	0.000249	0.0000833	0.0739	0.00000214	0.0000926	0.000401	0.00186	0.000147
2045 Nov	0.00013	0.00092	0.0883	0.0000107	1.15	2.98	0.0186	0.000383	6.76	0.00159	0.00984	0.0000789	0.000254	0.0000854	0.0749	0.00000214	0.0000945	0.000404	0.00187	0.000156
2045 Dec	0.00013	0.000924	0.0883	0.0000107	1.15	3.02	0.0187	0.000386	6.84	0.00161	0.00984	0.0000789	0.000257	0.0000864	0.0753	0.00000214	0.0000953	0.000406	0.00187	0.00016
2046 Jan	0.000131	0.000925	0.0884	0.0000107	1.15	3.03	0.0188	0.000386	6.86	0.00161	0.00984	0.0000789	0.000257	0.0000865	0.0753	0.00000214	0.0000955	0.000406	0.00187	0.00016
2046 Feb	0.000131	0.000925	0.0884	0.0000107	1.15	3.03	0.0188	0.000386	6.86	0.00161	0.00984	0.0000789	0.000257	0.0000866	0.0753	0.00000214	0.0000955	0.000406	0.00187	0.00016
2046 Mar	0.000131	0.000926	0.0885	0.0000107	1.15	3.03	0.0188	0.000387	6.87	0.00161	0.00986	0.0000791	0.000258	0.0000867	0.0754	0.00000215	0.0000956	0.000406	0.00187	0.00016
2046 Apr	0.000132	0.000932	0.089	0.0000108	1.16	3.06	0.0189	0.00039	6.92	0.00162	0.00992	0.0000795	0.00026	0.0000873	0.0759	0.00000216	0.0000963	0.000409	0.00189	0.000162
2046 May	0.000147	0.000963	0.094	0.000011	1.21	3.21	0.0216	0.000397	7.19	0.00168	0.0101	0.000102	0.000268	0.0000914	0.0803	0.0000022	0.0000988	0.000439	0.00192	0.000167
2046 Jun	0.000133	0.000733	0.0886	0.00000993	1	2.11	0.0209	0.000202	4.52	0.00129	0.00908	0.000131	0.000253	0.0000654	0.0631	0.00000199	0.0000689	0.000506	0.00199	0.0000767
2046 Jul	0.000104	0.000664	0.084	0.00000985	0.893	1.44	0.0151	0.000137	3.14	0.00106	0.00887	0.000104	0.000212	0.0000486	0.0518	0.00000197	0.0000546	0.00043	0.00191	0.0000248
2046 Aug	0.000112	0.000753	0.0866	0.0000103	0.984	1.86	0.016	0.00021	4.12	0.00122	0.00919	0.0000987	0.000214	0.0000599	0.0593	0.00000206	0.0000652	0.000398	0.00188	0.0000595
2046 Sep	0.00012	0.000868	0.0832	0.0000101	1.08	2.57	0.016	0.000379	5.67	0.0014	0.00927	0.0000675	0.000194	0.0000744	0.0702	0.00000202	0.0000842	0.000317	0.00161	0.000121
2046 Oct	0.00013	0.000968	0.0851	0.00000993	1.14	3.03	0.0161	0.00049	6.61	0.00151	0.0098	0.0000516	0.000186	0.0000808	0.0773	0.00000199	0.0000994	0.000297	0.00147	0.00016
2046 Nov	0.000135	0.00101	0.0854	0.00000994	1.17	3.35	0.0169	0.000524	7.22	0.00161	0.00988	0.0000496	0.000201	0.0000878	0.0808	0.00000199	0.000107	0.000301	0.00147	0.000191
2046 Dec	0.000135	0.00102	0.0854	0.00000994	1.18	3.41	0.0171	0.000529	7.33	0.00163	0.00988	0.0000496	0.000205	0.0000893	0.0813	0.00000199	0.000108	0.000303	0.00147	0.000197
2047 Jan	0.000135	0.00102	0.0854	0.00000995	1.18	3.41	0.0172	0.000529	7.35	0.00164	0.00988	0.0000496	0.000206	0.0000895	0.0814	0.00000199	0.000108	0.000304	0.00147	0.000198
2047 Feb	0.000135	0.00102	0.0855	0.00000995	1.18	3.41	0.0172	0.00053	7.35	0.00164	0.00988	0.0000496	0.000206	0.0000895	0.0814	0.00000199	0.000108	0.000304	0.00147	0.000198
2047 Mar	0.000136	0.00102	0.0857	0.00000997	1.18	3.42	0.0172	0.000531	7.36	0.00164	0.00991	0.0000497	0.000206	0.0000897	0.0816	0.000002	0.000109	0.000304	0.00148	0.000199
2047 Apr	0.000136	0.00102	0.0859	0.00001	1.18	3.43	0.0173	0.000532	7.39	0.00165	0.00994	0.0000499	0.000207	0.00009	0.0819	0.00000201	0.000109	0.000305	0.00148	0.000199
2047 May	0.000212	0.00108	0.107	0.0000101	1.33	3.75	0.031	0.000498	7.7	0.00172	0.0102	0.00018	0.00022	0.0000994	0.0976	0.00000202	0.000108	0.000453	0.00155	0.000186
2047 Jun	0.000391	0.000999	0.159	0.00000982	1.55	3.44	0.0653	0.000215	6.07	0.00155	0.0102	0.00054	0.000239	0.0000987	0.122	0.00000197	0.0000738	0.000892	0.00186	0.0000482
2047 Jul	0.000339	0.000993	0.149	0.0000105	1.49	3.31	0.0562	0.000222	6.01	0.00159	0.0105	0.000453	0.00026	0.0000961	0.112	0.0000021	0.0000776	0.000827	0.00201	0.0000668
2047 Aug	0.000332	0.00105	0.147	0.000011	1.54	3.58	0.0545	0.000279	6.64	0.00171	0.0108	0.000426	0.000267	0.000104	0.115	0.0000022	0.0000862	0.000789	0.00202	0.0000969
2047 Sep	0.000269	0.00107	0.126	0.0000106	1.45	3.67	0.0422	0.000408	7.09	0.00172	0.0105	0.000294	0.000235	0.000103	0.107	0.00000213	0.0000972	0.000597	0.00176	0.000145
2047 Oct	0.000232	0.00111	0.114	0.0000103	1.39	3.86	0.0342	0.000512	7.55	0.00176	0.0106	0.000206	0.00022	0.000102	0.103	0.00000206	0.00011	0.00049	0.00158	0.000187
2047 Nov	0.000225	0.00113	0.111	0.0000102	1.39	3.98	0.0328	0.000541	7.77	0.00179	0.0106	0.000188	0.000222	0.000104	0.103	0.00000205	0.000114	0.000471	0.00155	0.000205
2047 Dec	0.000226	0.00113	0.111	0.0000102	1.4	4.03	0.033	0.000544	7.86	0.00181	0.0106	0.000188	0.000225	0.000105	0.103	0.00000205	0.000115	0.000472	0.00155	0.00021
2048 Jan	0.000226	0.00113	0.111	0.0000103	1.4	4.04	0.033	0.000546	7.89	0.00182	0.0106	0.000188	0.000226	0.000105	0.104	0.00000205	0.000115	0.000473	0.00155	0.000212
2048 Feb	0.000226	0.00113	0.111	0.0000103	1.4	4.04	0.033	0.000546	7.89	0.00182	0.0106	0.000188	0.000227	0.000105	0.104	0.00000206	0.000115	0.000473	0.00155	0.000212
2048 Mar	0.000226	0.00113	0.111	0.0000103	1.4	4.04	0.033	0.000546	7.89	0.00182	0.0106	0.000188	0.000227	0.000105	0.104	0.00000206	0.000115	0.000473	0.00155	0.000212
2048 Apr	0.000229	0.00114	0.112	0.0000103	1.41	4.07	0.0335	0.000548	7.94	0.00183	0.0107	0.00019	0.000228	0.000106	0.105	0.00000206	0.000116	0.000478	0.00156	0.000213
2048 May	0.000235	0.00116	0.115	0.0000105	1.44	4.16	0.0343	0.000559	8.11	0.00186	0.0109	0.000195	0.000232	0.000108	0.107	0.00000211	0.000118	0.000489	0.00159	0.000217
2048 Jun	0.000143	0.000773	0.0913	0.00000986	1.04	2.17	0.0214	0.000251	4.36	0.00127	0.00935	0.000132	0.000227	0.0000644	0.0669	0.00000197	0.0000719	0.000484	0.00187	0.0000764
2048 Jul	0.000106	0.000674	0.0856	0.00001	0.91	1.45	0.0154	0.000141	3.08	0.00107	0.00905	0.000106	0.000215	0.0000489	0.0527	0.00000201	0.0000555	0.000441	0.00195	0.0000245
2048 Aug	0.000113	0.000794	0.0849	0.0000102	1.02	2.11	0.0159	0.000267	4.41	0.00128	0.00909	0.0000881	0.0002	0.0000657	0.0632	0.00000205	0.0000706	0.000348	0.00175	0.0000867
2048 Sep	0.000123	0.000895	0.083	0.0000102	1.11	2.82	0.0169	0.000393	5.71	0.0015	0.00917	0.0000688	0.000208	0.0000822	0.073	0.00000205	0.0000885	0.000309	0.00162	0.000159
2048 Oct	0.00013	0.000971	0.0843	0.0000101	1.16	3.21	0.0171	0.000477	6.36	0.0016	0.00955	0.0000574	0.000207	0.0000878	0.0784	0.00000202	0.000101	0.0003	0.00153	0.000195
2048 Nov	0.000133	0.000997	0.0851	0.0000101	1.17	3.31	0.0172	0.000504	6.54	0.00162	0.00973	0.0000537	0.000205	0.000089	0.0802	0.00000202	0.000104	0.000297	0.0015	0.000203
2048 Dec	0.000133	0.000999	0.0852	0.0000101	1.17	3.32	0.0172	0.000506	6.56	0.00162	0.00974	0.0000537	0.000205	0.0000893	0.0804	0.00000202	0.000105	0.000297	0.0015	0.000204
2049 Jan	0.000133	0.000999	0.0852	0.0000101	1.17	3.33	0.0172	0.000506	6.56	0.00162	0.00974	0.0000538	0.000206	0.0000893	0.0804	0.00000202	0.000105	0.000297	0.0015	0.000204
2049 Feb	0.000133	0.000999	0.0852	0.0000101	1.18	3.33	0.0172	0.000506	6.56	0.00162	0.00974	0.0000538	0.000206	0.0000893	0.0804	0.00000202	0.000105	0.000297	0.0015	0.000204
2049 Mar	0.000133	0.001	0.0853	0.0000101	1.18	3.33	0.0172	0.000506	6.57	0.00163	0.00975	0.0000538	0.000206	0.0000894	0.0805	0.00000202	0.000105	0.000298	0.0015	0.000204
2049 Apr	0.000134	0.001	0.0857	0.0000102	1.18	3.34	0.0173	0.000509	6.6	0.00163	0.00979	0.0000541	0.000207	0.0000899	0.0809	0.00000203	0.000105	0.000299	0.00151	0.000205
2049 May	0.000147	0.00103	0.0903	0.0000103	1.22	3.44	0.0196	0.000513	6.76	0.00167	0.01	0.0000735	0.000212	0.0000926	0.0845	0.00000207	0.000107	0.000325	0.00155	0.000206
2049 Jun	0.000123	0.000692	0.086	0.00000972	0.955	1.76	0.0186	0.000188	3.54	0.00115	0.00896	0.00012	0.000223	0.0000558	0.0586	0.00000194	0.0000619	0.000473	0.00191	0.0000497
2049 Jul	0.00011	0.000695	0.085	0.00000999	0.93	1.72	0.0165	0.000161	3.47	0.00117	0.009	0.000107	0.000235	0.0000558	0.0553	0.000002	0.0000613	0.000456	0.00197	0.0000573
2049 Aug	0.00012	0.000788	0.0903	0.0000107	1.03	2.14	0.018	0.000215	4.22	0.00134	0.00957	0.000109	0.000252	0.0000669	0.0627	0.00000214	0.0000718	0.000456	0.00203	0.000093
2049 Sep	0.000126	0.00089	0.0879	0.0000104	1.1	2.65	0.0172	0.000367	5.18	0.00145	0.00974	0.0000784	0.000219	0.0000757	0.0715	0.00000208	0.0000873	0.000374	0.00175	0.00014
2049 Oct	0.000133	0.000972	0.0882	0.0000102	1.15	2.99	0.0167	0.000473	5.77	0.00151	0.0101	0.0000594	0.000198	0.0000794	0.0772	0.00000203	0.0000993	0.000333	0.00157	0.000169
2049 Nov	0.000138	0.00102	0.0883	0.0000102	1.18	3.37	0.0176	0.000514	6.33	0.00164	0.0102	0.0000567	0.000216	0.000088	0.0812	0.00000203	0.000108	0.000337	0.00156	0.000212
2049 Dec	0.000139	0.00102	0.0883	0.0000102	1.19	3.42	0.0178	0.000517	6.41	0.00165	0.0102	0.0000567	0.000219	0.0000892	0.0817	0.00000203	0.000109	0.000339	0.00156	0.000218
2050 Jan	0.000139	0.00102	0.0883	0.0000102	1.19	3.42	0.0178	0.000518	6.41	0.00165	0.0102	0.0000567	0.00022	0.0000893	0.0817	0.00000203	0.000109	0.000339	0.00156	0.000218
2050 Feb	0.000139	0.00102	0.0884	0.0000102	1.19	3.42	0.0178	0.000518	6.41	0.00165	0.0102	0.0000567	0.00022	0.0000893	0.0818	0.00000203	0.000109	0.000339	0.00156	0.000218
2050 Mar	0.000139	0.00103	0.0884	0.0000102	1.19	3.42	0.0178	0.000518	6.41	0.00166	0.0102	0.0000567	0.00022	0.0000893	0.0818	0.00000203	0.000109	0.000339	0.00156	0.000218
2050 Apr	0.000139	0.00103	0.0887	0.0000102	1.19	3.44	0.0179	0.00052	6.44	0.00166	0.0102	0.0000569	0.00022	0.0000897	0.0821	0.00000204	0.00011	0.00034	0.00157	0.000219
2050 May	0.000148	0.00105	0.0918	0.0000104	1.22	3.51	0.0193	0.000525	6.56	0.00169	0.0104	0.0000683	0.000225	0.0000917	0.0846	0.00000207	0.000111	0.000357	0.0016	0.000221
2050 Jun	0.000163	0.000751	0.0973	0.00000978	1.05	2.04	0.0252	0.000204	3.9	0.00122	0.00929	0.000178	0.000225	0.0000623	0.0686	0.00000196	0.0000655	0.000534	0.0019	0.000054
2050 Jul	0.000113	0.000702	0.0863	0.00000977	0.921	1.62	0.0165	0.000161	3.29	0.0011	0.00886	0.000115	0.000205	0.0000525	0.0553	0.00000195	0.0000578	0.000413	0.00183	0.0000429

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Aug	0.00012	0.000798	0.0904	0.0000102	0.997	2.04	0.0172	0.000213	4.01	0.00125	0.00922	0.000115	0.000211	0.000063	0.0616	0.00000205	0.0000675	0.000381	0.0018	0.0000833
2050 Sep	0.000125	0.00087	0.0889	0.0000102	1.06	2.43	0.017	0.000322	4.7	0.00136	0.00944	0.0000924	0.000199	0.0000709	0.0685	0.00000204	0.0000796	0.000341	0.00167	0.000121
2050 Oct	0.00013	0.000918	0.0899	0.0000103	1.1	2.73	0.0177	0.000365	5.15	0.00146	0.00965	0.0000885	0.00021	0.0000773	0.0724	0.00000206	0.0000875	0.000343	0.00166	0.000153
2050 Nov	0.000133	0.00094	0.0902	0.0000104	1.12	2.92	0.0183	0.000379	5.41	0.00153	0.00968	0.0000887	0.000222	0.0000818	0.0743	0.00000207	0.0000916	0.00035	0.00168	0.000174
2050 Dec	0.000133	0.000943	0.0902	0.0000104	1.12	2.95	0.0184	0.000382	5.45	0.00154	0.00968	0.0000888	0.000224	0.0000825	0.0746	0.00000207	0.0000922	0.000351	0.00168	0.000178
2051 Jan	0.000133	0.000944	0.0902	0.0000104	1.13	2.96	0.0184	0.000383	5.47	0.00154	0.00968	0.0000888	0.000225	0.0000829	0.0747	0.00000207	0.0000925	0.000351	0.00168	0.000179
2051 Feb	0.000133	0.000945	0.0902	0.0000104	1.13	2.96	0.0184	0.000383	5.47	0.00154	0.00969	0.0000888	0.000225	0.0000829	0.0748	0.00000207	0.0000925	0.000351	0.00168	0.000179
2051 Mar	0.000133	0.000945	0.0903	0.0000104	1.13	2.96	0.0184	0.000383	5.47	0.00154	0.00969	0.0000888	0.000225	0.000083	0.0748	0.00000207	0.0000926	0.000351	0.00168	0.00018
2051 Apr	0.000134	0.00095	0.0908	0.0000104	1.13	2.98	0.0185	0.000385	5.5	0.00155	0.00974	0.0000893	0.000226	0.0000834	0.0752	0.00000209	0.0000931	0.000353	0.00169	0.00018
2051 May	0.000172	0.00101	0.101	0.0000106	1.23	3.39	0.0255	0.000398	6.05	0.00168	0.01	0.000146	0.000247	0.000094	0.0854	0.00000212	0.0000988	0.000426	0.00174	0.000203
2051 Jun	0.000186	0.000728	0.102	0.00000954	1.06	2.11	0.0303	0.000154	3.78	0.00123	0.00896	0.000228	0.000241	0.0000653	0.0712	0.00000191	0.0000615	0.000598	0.00194	0.0000549
2051 Jul	0.000136	0.000703	0.0915	0.00000996	0.98	1.84	0.0215	0.000151	3.43	0.0012	0.00908	0.00015	0.000245	0.0000591	0.0606	0.00000199	0.0000612	0.000522	0.00202	0.0000584
2051 Aug	0.00013	0.000785	0.0883	0.0000101	1.05	2.09	0.0189	0.000258	4.01	0.00126	0.00906	0.000115	0.000198	0.0000657	0.0659	0.00000203	0.0000686	0.000384	0.00176	0.0000841
2051 Sep	0.00013	0.000867	0.0867	0.00000997	1.09	2.33	0.0164	0.000391	4.49	0.00128	0.00952	0.0000779	0.000156	0.0000664	0.0711	0.00000199	0.0000802	0.000309	0.00151	0.000102
2051 Oct	0.000132	0.00097	0.0881	0.00000971	1.12	2.52	0.0136	0.000533	4.89	0.00127	0.0104	0.0000408	0.000109	0.0000627	0.0761	0.00000194	0.0000936	0.00025	0.00126	0.000111
2051 Nov	0.000135	0.000997	0.0886	0.00000974	1.14	2.69	0.014	0.000556	5.11	0.00133	0.0105	0.0000385	0.000116	0.0000664	0.0782	0.00000195	0.0000981	0.000251	0.00125	0.000131
2051 Dec	0.000136	0.001	0.0886	0.00000975	1.15	2.74	0.0141	0.00056	5.17	0.00135	0.0105	0.0000385	0.000119	0.0000676	0.0786	0.00000195	0.0000992	0.000253	0.00126	0.000138
2052 Jan	0.000136	0.001	0.0886	0.00000975	1.15	2.74	0.0141	0.00056	5.17	0.00135	0.0105	0.0000385	0.000119	0.0000676	0.0787	0.00000195	0.0000993	0.000253	0.00126	0.000138
2052 Feb	0.000136	0.001	0.0886	0.00000975	1.15	2.75	0.0141	0.00056	5.17	0.00135	0.0105	0.0000385	0.000119	0.0000677	0.0787	0.00000195	0.0000993	0.000253	0.00126	0.000138
2052 Mar	0.000136	0.001	0.0887	0.00000977	1.15	2.75	0.0142	0.000561	5.18	0.00135	0.0105	0.0000386	0.000119	0.0000677	0.0788	0.00000195	0.0000994	0.000253	0.00126	0.000138
2052 Apr	0.000136	0.00101	0.089	0.00000979	1.15	2.76	0.0142	0.000563	5.19	0.00135	0.0105	0.0000387	0.000119	0.0000679	0.079	0.00000196	0.0000997	0.000254	0.00126	0.000139
2052 May	0.000232	0.00107	0.116	0.00000993	1.34	3.16	0.0321	0.000503	5.71	0.00146	0.0108	0.000208	0.000143	0.0000808	0.0986	0.00000198	0.0000968	0.00045	0.00138	0.000119
2052 Jun	0.00032	0.000939	0.141	0.00000992	1.41	2.94	0.052	0.000234	5.1	0.00142	0.0102	0.00042	0.000218	0.0000846	0.106	0.00000198	0.0000718	0.000764	0.00183	0.0000449
2052 Jul	0.000222	0.000921	0.118	0.0000101	1.22	2.6	0.0343	0.000239	4.66	0.00136	0.00975	0.000271	0.000196	0.0000759	0.0855	0.00000203	0.0000712	0.000516	0.00169	0.0000785
2052 Aug	0.0002	0.000951	0.112	0.0000104	1.22	2.7	0.0299	0.000296	4.89	0.00141	0.00972	0.000222	0.000183	0.0000792	0.0848	0.00000207	0.0000764	0.000427	0.00161	0.000105
2052 Sep	0.00018	0.000975	0.103	0.0000103	1.22	2.84	0.0253	0.000395	5.13	0.00144	0.00978	0.000162	0.000165	0.0000806	0.0847	0.00000205	0.0000852	0.000354	0.00148	0.000133
2052 Oct	0.000177	0.00103	0.101	0.0000102	1.25	3.2	0.0243	0.000466	5.55	0.00155	0.01	0.000137	0.000175	0.0000867	0.0878	0.00000204	0.0000968	0.000342	0.00144	0.000181
2052 Nov	0.000179	0.00104	0.101	0.0000103	1.26	3.32	0.0247	0.000476	5.68	0.00159	0.0101	0.000137	0.000183	0.0000895	0.0891	0.00000205	0.0000994	0.000346	0.00145	0.000195
2052 Dec	0.00018	0.00105	0.101	0.0000103	1.27	3.37	0.0248	0.00048	5.74	0.00161	0.0101	0.000137	0.000187	0.000091	0.0896	0.00000205	0.000101	0.000348	0.00146	0.000203
2053 Jan	0.00018	0.00105	0.101	0.0000103	1.27	3.39	0.0249	0.000481	5.76	0.00162	0.0101	0.000137	0.000188	0.0000914	0.0898	0.00000205	0.000101	0.000348	0.00146	0.000205
2053 Feb	0.00018	0.00105	0.101	0.0000103	1.27	3.4	0.0249	0.000482	5.77	0.00162	0.0101	0.000137	0.000188	0.0000915	0.0898	0.00000205	0.000101	0.000348	0.00146	0.000206
2053 Mar	0.00018	0.00106	0.101	0.0000103	1.27	3.4	0.025	0.000483	5.78	0.00162	0.0101	0.000137	0.000188	0.0000917	0.09	0.00000206	0.000101	0.000349	0.00146	0.000206
2053 Apr	0.000181	0.00106	0.102	0.0000104	1.28	3.42	0.0251	0.000486	5.81	0.00163	0.0101	0.000138	0.000189	0.0000922	0.0905	0.00000207	0.000102	0.000351	0.00147	0.000207
2053 May	0.000358	0.0012	0.149	0.0000103	1.63	4.5	0.0577	0.000431	7.08	0.00192	0.0106	0.000432	0.000247	0.000122	0.129	0.00000206	0.000106	0.000712	0.00164	0.000219
2053 Jun	0.000399	0.000985	0.16	0.0000096	1.55	3.44	0.0669	0.000197	5.62	0.00154	0.00999	0.000557	0.000239	0.0000989	0.122	0.00000192	0.0000715	0.000905	0.00184	0.0000584
2053 Jul	0.000337	0.000965	0.146	0.0000102	1.46	3.29	0.0563	0.000207	5.34	0.00157	0.0102	0.000455	0.000262	0.0000957	0.111	0.00000203	0.0000756	0.000826	0.00197	0.000089
2053 Aug	0.000324	0.00105	0.142	0.0000107	1.51	3.76	0.0538	0.000288	5.91	0.00176	0.0104	0.000414	0.000278	0.000108	0.114	0.00000213	0.0000891	0.000769	0.00197	0.00016
2053 Sep	0.000332	0.00117	0.142	0.000011	1.62	4.82	0.0558	0.000392	6.95	0.00214	0.0106	0.000399	0.000341	0.000134	0.125	0.0000022	0.000114	0.000778	0.00203	0.000306
2053 Oct	0.00033	0.00124	0.139	0.0000111	1.66	5.41	0.0559	0.000457	7.49	0.00234	0.0106	0.00038	0.000374	0.000148	0.129	0.0000022	0.000128	0.000771	0.00203	0.000394
2053 Nov	0.000323	0.00125	0.137	0.000011	1.64	5.38	0.0542	0.000473	7.47	0.00233	0.0107	0.000363	0.000368	0.000146	0.128	0.00000219	0.000129	0.000749	0.00199	0.000396
2053 Dec	0.000323	0.00125	0.137	0.000011	1.65	5.42	0.0543	0.000476	7.5	0.00234	0.0107	0.000363	0.00037	0.000147	0.128	0.00000219	0.00013	0.000749	0.002	0.0004
2054 Jan	0.000323	0.00125	0.137	0.000011	1.65	5.43	0.0543	0.000476	7.5	0.00234	0.0107	0.000363	0.00037	0.000147	0.129	0.00000219	0.00013	0.00075	0.002	0.000402
2054 Feb	0.000323	0.00125	0.137	0.000011	1.65	5.43	0.0543	0.000476	7.51	0.00234	0.0107	0.000363	0.00037	0.000147	0.129	0.00000219	0.00013	0.00075	0.002	0.000402
2054 Mar	0.000323	0.00125	0.137	0.000011	1.65	5.43	0.0543	0.000477	7.51	0.00234	0.0107	0.000363	0.00037	0.000147	0.129	0.00000219	0.00013	0.00075	0.002	0.000402
2054 Apr	0.000325	0.00126	0.138	0.0000111	1.65	5.45	0.0546	0.000479	7.54	0.00235	0.0107	0.000365	0.000372	0.000148	0.129	0.0000022	0.000131	0.000754	0.00201	0.000404
2054 May	0.000367	0.00128	0.15	0.0000111	1.73	5.46	0.0618	0.000455	7.67	0.00233	0.011	0.000438	0.000363	0.000149	0.137	0.00000221	0.000127	0.000828	0.00201	0.000366
2054 Jun	0.000298	0.000874	0.133	0.00000974	1.33	2.86	0.0497	0.000181	4.71	0.00142	0.00964	0.0004	0.000247	0.0000846	0.0989	0.00000195	0.0000684	0.000768	0.00193	0.0000668
2054 Jul	0.000184	0.000802	0.105	0.00000993	1.1	2.23	0.029	0.00018	3.87	0.00127	0.00925	0.000222	0.000222	0.0000681	0.0734	0.00000198	0.0000647	0.000528	0.00185	0.000075
2054 Aug	0.000165	0.00085	0.0976	0.0000101	1.13	2.43	0.0247	0.000281	4.24	0.00134	0.00915	0.000167	0.000192	0.0000738	0.0754	0.00000202	0.0000724	0.000406	0.00167	0.00011
2054 Sep	0.000155	0.000889	0.0923	0.0000102	1.16	2.6	0.0219	0.00037	4.53	0.00139	0.00922	0.000126	0.000172	0.0000774	0.0778	0.00000203	0.00008	0.000336	0.00154	0.000137
2054 Oct	0.00015	0.000929	0.0915	0.00001	1.16	2.65	0.0196	0.000435	4.64	0.00137	0.00964	0.0000997	0.000152	0.0000742	0.0786	0.000002	0.0000862	0.000307	0.00144	0.000141
2054 Nov	0.000149	0.000944	0.0914	0.00000999	1.16	2.67	0.0188	0.000457	4.69	0.00137	0.00979	0.000091	0.000145	0.0000733	0.0789	0.00000199	0.0000885	0.000298	0.0014	0.000143
2054 Dec	0.00015	0.000952	0.0914	0.00001	1.17	2.75	0.0191	0.000463	4.75	0.0014	0.00979	0.000091	0.00015	0.0000751	0.0796	0.00000199	0.0000901	0.0003	0.00141	0.000153
2055 Jan	0.00015	0.000953	0.0914	0.00001	1.17	2.76	0.0191	0.000463	4.76	0.0014	0.00979	0.000091	0.000151	0.0000754	0.0797	0.00000199	0.0000903	0.000301	0.00141	0.000155
2055 Feb	0.00015	0.000953	0.0914	0.00001	1.17	2.76	0.0191	0.000464	4.76	0.0014	0.00979	0.000091	0.000151	0.0000754	0.0797	0.00000199	0.0000903	0.000301	0.00141	0.000155
2055 Mar	0.00015	0.000953	0.0914	0.00001	1.17	2.76	0.0191	0.000464	4.76	0.0014	0.00979	0.000091	0.000151	0.0000754	0.0798	0.000002	0.0000903	0.000301	0.00141	0.000155
2055 Apr	0.00015	0.000957	0.0918	0.00001	1.18	2.77	0.0192	0.000466	4.78	0.00141	0.00983	0.0000914	0.000152	0.0000757	0.0801	0.000002	0.0000907	0.000302	0.00141	0.000155
2055 May	0.000153	0.000974	0.0933	0.0000102	1.2	2.83	0.0196	0.000474	4.87	0.00143	0.01	0.000093	0.000155	0.0000772	0.0815	0.00000204	0.0000924	0.000307	0.00144	0.000159
2055 Jun	0.000108	0.000664	0.0818	0.00000968	0.914	1.6	0.0159	0.000178	2.99	0.0011	0.00884	0.0000977	0.000219	0.0000519	0.0544	0.00000193	0.0000595	0.000451	0.00191	0.0000538
2055 Jul	0.000103	0.000653	0.0843	0.00001	0.898	1.38	0.0152	0.000133	2.78	0.00105	0.00901	0.000103	0.000218	0.0000474	0.0515	0.000002	0.0000542	0.000453	0.00198	0.0000248
2055 Aug	0.00011	0.000728	0.088	0.0000104	0.967	1.64	0.0156	0.000181	3.18	0.00115	0.00936	0.000102	0.000213	0.0000543	0.0569	0.00000209	0.0000608	0.00042	0.00195	0.0000506
2055 Sep	0.000114	0.000795	0.0855	0.0000104	1.03	1.98	0.0152	0.00029	3.68	0.00124	0.00939	0.0000798	0.000186	0.0000617	0.0636	0.00000207	0.0000707	0.000351	0.00175	0.0000891
2055 Oct	0.000119	0.00084	0.0865	0.0000104	1.07	2.23	0.0156	0.000334	3.94	0.00131	0.0096	0.0000751	0.00019	0.0000663	0.0671	0.00000208	0.0000776	0.000346	0.00172	0.000118
2055 Nov	0.000121	0.000863	0.0867	0.0000104	1.08	2.39	0.016	0.000354	4.09	0.00136	0.00965	0.0000737	0.000197	0.0000699	0.069	0.00000208	0.0000816	0.000348	0.00171	0.000141
2055 Dec	0.000122	0.00087	0.0867	0.0000104	1.09	2.47	0.0162	0.000359	4.14	0.00139	0.00965	0.0000736	0.000202	0.0000717	0.0697	0.00000208	0.0000832	0.00035	0.00171	0.000152
2056 Jan	0.000122	0.000871	0.0867	0.0000104	1.09	2.47	0.0162	0.00036	4.15	0.00139	0.00965	0.0000737	0.000202	0.0000718	0.0697	0.00000208	0.0000833	0.00035	0.00171	0.000153
2056 Feb	0.000122	0.000871	0.0867	0.0000104	1.09	2.47	0.0162	0.00036	4.15	0.00139	0.00965	0.0000737	0.000202	0.0000718	0.0697	0.00000208	0.0000833	0.00035	0.00171	0.000153

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.000122	0.000872	0.0868	0.0000104	1.09	2.47	0.0163	0.00036	4.15	0.00139	0.00966	0.0000737	0.000202	0.0000719	0.0698	0.00000208	0.0000834	0.00035	0.00172	0.000153
2056 Apr	0.000123	0.000876	0.0872	0.0000105	1.1	2.48	0.0163	0.000362	4.17	0.00139	0.0097	0.0000741	0.000203	0.0000722	0.0701	0.00000209	0.0000838	0.000352	0.00172	0.000153
2056 May	0.000249	0.000973	0.122	0.0000105	1.35	3.02	0.0388	0.000327	5.01	0.00151	0.0102	0.000284	0.000212	0.0000868	0.0969	0.00000209	0.0000826	0.000581	0.00176	0.00012
2056 Jun	0.000396	0.000961	0.161	0.00000971	1.53	3.17	0.0662	0.000176	5.33	0.00145	0.0101	0.000558	0.000225	0.0000926	0.12	0.00000194	0.0000661	0.000905	0.00185	0.0000226
2056 Jul	0.000334	0.000962	0.147	0.0000103	1.45	3.05	0.0551	0.000195	5.08	0.00149	0.0103	0.000454	0.000238	0.0000898	0.109	0.00000206	0.0000707	0.000797	0.00193	0.000059
2056 Aug	0.000285	0.000986	0.134	0.0000105	1.4	3.06	0.0457	0.000261	5.09	0.00151	0.0101	0.000362	0.000216	0.0000899	0.102	0.0000021	0.0000762	0.000639	0.00179	0.0000979
2056 Sep	0.000274	0.00104	0.131	0.0000107	1.42	3.33	0.0432	0.000331	5.36	0.00161	0.0104	0.000325	0.00022	0.0000954	0.104	0.00000214	0.0000861	0.0006	0.00177	0.000144
2056 Oct	0.000241	0.00106	0.12	0.0000104	1.37	3.43	0.0361	0.000424	5.39	0.00162	0.0105	0.000247	0.000203	0.0000933	0.1	0.00000208	0.0000959	0.000509	0.00161	0.000185
2056 Nov	0.000235	0.00108	0.118	0.0000104	1.37	3.52	0.0348	0.000449	5.45	0.00164	0.0105	0.000231	0.000204	0.0000946	0.1	0.00000207	0.0000994	0.000493	0.00158	0.000204
2056 Dec	0.000236	0.00108	0.118	0.0000104	1.37	3.57	0.035	0.000452	5.48	0.00166	0.0105	0.000231	0.000207	0.0000958	0.101	0.00000207	0.000101	0.000495	0.00158	0.000212
2057 Jan	0.000236	0.00108	0.118	0.0000104	1.37	3.57	0.035	0.000453	5.49	0.00166	0.0105	0.000231	0.000207	0.0000959	0.101	0.00000207	0.000101	0.000495	0.00159	0.000212
2057 Feb	0.000236	0.00108	0.118	0.0000104	1.37	3.57	0.035	0.000453	5.49	0.00166	0.0105	0.000231	0.000207	0.0000959	0.101	0.00000207	0.000101	0.000495	0.00159	0.000212
2057 Mar	0.000236	0.00108	0.118	0.0000104	1.37	3.58	0.0351	0.000453	5.49	0.00166	0.0105	0.000231	0.000208	0.000096	0.101	0.00000207	0.000101	0.000495	0.00159	0.000212
2057 Apr	0.000237	0.00109	0.118	0.0000105	1.38	3.59	0.0352	0.000455	5.52	0.00167	0.0106	0.000232	0.000209	0.0000965	0.101	0.00000208	0.000101	0.000498	0.0016	0.000213
2057 May	0.000278	0.00112	0.13	0.0000106	1.47	3.76	0.0425	0.000442	5.81	0.00172	0.0108	0.0003	0.000215	0.000102	0.11	0.00000211	0.000101	0.000577	0.00164	0.000201
2057 Jun	0.000209	0.000747	0.11	0.00000968	1.12	2.04	0.0338	0.000152	3.65	0.00119	0.00927	0.000265	0.000223	0.0000636	0.0759	0.00000194	0.0000587	0.000627	0.00193	0.000029
2057 Jul	0.000167	0.000748	0.101	0.0000101	1.06	1.97	0.0265	0.00016	3.47	0.00123	0.00942	0.000197	0.000238	0.0000624	0.0683	0.00000203	0.0000621	0.000564	0.00201	0.0000571
2057 Aug	0.000179	0.000845	0.108	0.000011	1.17	2.39	0.0282	0.000208	3.97	0.00141	0.0101	0.000202	0.000261	0.0000737	0.076	0.00000219	0.000073	0.000577	0.00212	0.000104
2057 Sep	0.000183	0.00093	0.107	0.0000111	1.23	3	0.029	0.00029	4.48	0.00162	0.0103	0.000188	0.000285	0.0000882	0.0829	0.00000222	0.0000881	0.000564	0.00209	0.000195
2057 Oct	0.000183	0.001	0.104	0.000011	1.27	3.54	0.0286	0.000376	4.88	0.00177	0.0103	0.000165	0.000296	0.0000989	0.0878	0.00000218	0.000102	0.000534	0.00199	0.00028
2057 Nov	0.000184	0.00102	0.104	0.000011	1.28	3.66	0.0287	0.000392	4.97	0.00181	0.0103	0.000163	0.000301	0.000102	0.089	0.00000218	0.000105	0.000533	0.00199	0.000298
2057 Dec	0.000185	0.00102	0.104	0.000011	1.28	3.7	0.0288	0.000395	5	0.00182	0.0103	0.000163	0.000304	0.000103	0.0894	0.00000218	0.000106	0.000534	0.00199	0.000305
2058 Jan	0.000185	0.00102	0.104	0.000011	1.28	3.71	0.0289	0.000396	5.01	0.00183	0.0103	0.000163	0.000305	0.000103	0.0896	0.00000218	0.000106	0.000534	0.00199	0.000307
2058 Feb	0.000185	0.00102	0.104	0.000011	1.28	3.72	0.0289	0.000396	5.01	0.00183	0.0103	0.000163	0.000305	0.000103	0.0896	0.00000218	0.000106	0.000534	0.00199	0.000307
2058 Mar	0.000185	0.00103	0.104	0.000011	1.28	3.72	0.0289	0.000396	5.01	0.00183	0.0103	0.000163	0.000305	0.000103	0.0896	0.00000218	0.000106	0.000534	0.00199	0.000308
2058 Apr	0.000186	0.00103	0.105	0.000011	1.29	3.73	0.029	0.000397	5.03	0.00184	0.0104	0.000163	0.000306	0.000103	0.0899	0.00000219	0.000107	0.000536	0.002	0.000309
2058 May	0.000302	0.00113	0.135	0.0000109	1.52	4.36	0.0497	0.000381	5.89	0.00198	0.0107	0.000353	0.000316	0.00012	0.116	0.00000216	0.000108	0.000732	0.00199	0.0003
2058 Jun	0.000371	0.00092	0.152	0.00000944	1.46	3.1	0.0623	0.000167	5.04	0.00143	0.00972	0.00052	0.000232	0.0000905	0.114	0.00000189	0.0000656	0.000872	0.00184	0.0000443
2058 Jul	0.000297	0.000882	0.135	0.00000995	1.34	2.79	0.0493	0.000172	4.54	0.00141	0.00979	0.000401	0.000243	0.0000831	0.0985	0.00000199	0.0000671	0.000762	0.00195	0.0000665
2058 Aug	0.000284	0.000949	0.133	0.0000104	1.37	3.08	0.0466	0.000228	4.78	0.00153	0.01	0.000368	0.000248	0.0000905	0.1	0.00000208	0.0000761	0.000703	0.00193	0.000122
2058 Sep	0.000247	0.000992	0.121	0.0000103	1.34	3.2	0.0384	0.000347	4.87	0.00155	0.0102	0.000276	0.00022	0.0000896	0.0973	0.00000205	0.0000873	0.000576	0.00173	0.00017
2058 Oct	0.000226	0.00104	0.114	0.0000102	1.33	3.4	0.0335	0.000433	4.98	0.0016	0.0104	0.000219	0.00021	0.000091	0.0964	0.00000203	0.0000975	0.000505	0.00161	0.00022
2058 Nov	0.000225	0.00105	0.114	0.0000102	1.33	3.47	0.0333	0.000445	5.03	0.00163	0.0104	0.000214	0.000213	0.0000924	0.097	0.00000203	0.0000996	0.000502	0.00161	0.000232
2058 Dec	0.000226	0.00105	0.114	0.0000102	1.33	3.49	0.0334	0.000446	5.04	0.00163	0.0104	0.000214	0.000214	0.000093	0.0973	0.00000203	0.0001	0.000503	0.00161	0.000236
2059 Jan	0.000226	0.00105	0.114	0.0000102	1.33	3.5	0.0334	0.000447	5.04	0.00164	0.0104	0.000214	0.000214	0.0000932	0.0973	0.00000203	0.0001	0.000503	0.00161	0.000237
2059 Feb	0.000226	0.00105	0.114	0.0000102	1.33	3.5	0.0334	0.000447	5.04	0.00164	0.0104	0.000214	0.000214	0.0000932	0.0973	0.00000204	0.0001	0.000503	0.00161	0.000237
2059 Mar	0.000226	0.00105	0.114	0.0000102	1.33	3.5	0.0334	0.000447	5.04	0.00164	0.0104	0.000214	0.000215	0.0000932	0.0973	0.00000204	0.0001	0.000503	0.00161	0.000237
2059 Apr	0.000227	0.00106	0.114	0.0000103	1.34	3.51	0.0335	0.000448	5.06	0.00164	0.0105	0.000215	0.000215	0.0000935	0.0977	0.00000204	0.000101	0.000505	0.00162	0.000238
2059 May	0.000306	0.00111	0.136	0.0000104	1.5	3.84	0.048	0.000415	5.61	0.00172	0.0108	0.000351	0.000227	0.000103	0.114	0.00000206	0.0000991	0.000656	0.00168	0.000214
2059 Jun	0.000441	0.00107	0.174	0.00001	1.68	3.75	0.0737	0.000229	5.93	0.00163	0.0107	0.000615	0.000239	0.000106	0.134	0.000002	0.0000768	0.000968	0.00186	0.0000718
2059 Jul	0.000429	0.00111	0.175	0.0000108	1.71	3.86	0.0715	0.000245	6.02	0.00173	0.0113	0.000589	0.000265	0.00011	0.134	0.00000216	0.000083	0.000971	0.00203	0.0000992
2059 Aug	0.000435	0.00118	0.179	0.0000115	1.78	4.15	0.0724	0.000282	6.33	0.00186	0.0118	0.00059	0.00028	0.000118	0.14	0.00000229	0.0000909	0.000976	0.00211	0.000136
2059 Sep	0.000389	0.00118	0.165	0.0000114	1.71	4.09	0.0632	0.000355	6.18	0.00184	0.0117	0.000496	0.000259	0.000114	0.132	0.00000226	0.0000967	0.000854	0.00197	0.000168
2059 Oct	0.00025	0.00109	0.123	0.0000103	1.39	3.22	0.0352	0.000488	5.22	0.0015	0.0112	0.000238	0.000157	0.0000832	0.102	0.00000206	0.0000973	0.000505	0.00149	0.000151
2059 Nov	0.000238	0.0011	0.119	0.0000103	1.38	3.28	0.0329	0.000513	5.2	0.00152	0.0111	0.000213	0.000156	0.0000835	0.101	0.00000204	0.0001	0.000475	0.00145	0.000172
2059 Dec	0.000238	0.0011	0.119	0.0000103	1.38	3.31	0.033	0.000515	5.22	0.00153	0.0111	0.000212	0.000158	0.0000843	0.101	0.00000204	0.000101	0.000476	0.00145	0.000178
2060 Jan	0.000238	0.0011	0.119	0.0000103	1.38	3.31	0.033	0.000515	5.22	0.00153	0.0111	0.000213	0.000159	0.0000843	0.101	0.00000204	0.000101	0.000476	0.00145	0.000178
2060 Feb	0.000238	0.0011	0.119	0.0000103	1.38	3.31	0.033	0.000515	5.22	0.00153	0.0111	0.000213	0.000159	0.0000843	0.101	0.00000204	0.000101	0.000476	0.00145	0.000178
2060 Mar	0.000238	0.0011	0.119	0.0000103	1.38	3.31	0.0331	0.000516	5.22	0.00153	0.0112	0.000213	0.000159	0.0000844	0.101	0.00000205	0.000101	0.000476	0.00146	0.000178
2060 Apr	0.00024	0.00111	0.12	0.0000103	1.39	3.33	0.0332	0.000518	5.25	0.00154	0.0112	0.000214	0.00016	0.0000848	0.102	0.00000206	0.000102	0.000479	0.00146	0.000179
2060 May	0.000416	0.00119	0.167	0.0000102	1.71	4.06	0.0663	0.000396	6.3	0.00171	0.0113	0.000528	0.000201	0.000108	0.137	0.00000204	0.0000943	0.000832	0.00163	0.000134
2060 Jun	0.00044	0.00102	0.173	0.00000972	1.64	3.48	0.0737	0.000191	5.7	0.00153	0.0104	0.000624	0.000226	0.0000998	0.131	0.00000194	0.0000693	0.000971	0.00183	0.0000313
2060 Jul	0.000409	0.00103	0.169	0.0000105	1.62	3.41	0.0681	0.0002	5.59	0.00158	0.0109	0.000569	0.000246	0.0000992	0.126	0.0000021	0.0000733	0.000943	0.002	0.0000486
2060 Aug	0.000351	0.00103	0.151	0.0000107	1.55	3.32	0.0572	0.000271	5.43	0.00158	0.0106	0.00046	0.00022	0.0000973	0.118	0.00000213	0.0000776	0.000774	0.00186	0.0000865
2060 Sep	0.00022	0.000958	0.109	0.0000101	1.32	2.83	0.032	0.000425	4.79	0.00141	0.00975	0.000212	0.000141	0.0000818	0.094	0.00000202	0.0000824	0.000416	0.00144	0.000128
2060 Oct	0.000201	0.00101	0.103	0.00001	1.3	3.1	0.0277	0.0005	4.84	0.00148	0.01	0.000161	0.000146	0.0000839	0.0931	0.00000199	0.0000943	0.000372	0.00137	0.000194
2060 Nov	0.000193	0.00102	0.102	0.00000998	1.29	3.12	0.026	0.00052	4.83	0.00148	0.0101	0.000143	0.000143	0.000083	0.0921	0.00000198	0.0000969	0.000355	0.00134	0.000204
2060 Dec	0.000194	0.00103	0.102	0.00000999	1.29	3.19	0.0262	0.000525	4.86	0.0015	0.0101	0.000143	0.000148	0.0000846	0.0927	0.00000198	0.0000983	0.000357	0.00134	0.000217
2061 Jan	0.000194	0.00103	0.102	0.00000999	1.29	3.2	0.0262	0.000526	4.86	0.00151	0.0101	0.000143	0.000149	0.000085	0.0928	0.00000198	0.0000986	0.000357	0.00134	0.000219
2061 Feb	0.000194	0.00103	0.102	0.00000999	1.29	3.21	0.0262	0.000527	4.87	0.00151	0.0101	0.000143	0.000149	0.000085	0.0928	0.00000198	0.0000987	0.000357	0.00134	0.00022
2061 Mar	0.000194	0.00103	0.102	0.00000999	1.29	3.21	0.0263	0.000527	4.87	0.00151	0.0101	0.000143	0.000149	0.0000851	0.0929	0.00000198	0.0000987	0.000357	0.00135	0.00022
2061 Apr	0.000195	0.00104	0.102	0.00001	1.3	3.22	0.0264	0.000529	4.89	0.00152	0.0102	0.000144	0.00015	0.0000855	0.0933	0.00000199	0.0000992	0.000359	0.00135	0.000221
2061 May	0.000366	0.00114	0.15	0.0000101	1.62	3.93	0.0579	0.000421	5.95	0.00169	0.0107	0.000444	0.000191	0.000106	0.127	0.000002	0.0000943	0.000712	0.00154	0.000172
2061 Jun	0.0004	0.000971	0.16	0.00000952	1.54	3.35	0.0671	0.00019	5.33	0.0015	0.00995	0.000561	0.000231	0.0000965	0.122	0.0000019	0.0000691	0.000907	0.00182	0.0000595
2061 Jul	0.000354	0.000985	0.152	0.0000103	1.49	3.25	0.0587	0.000204	5.12	0.00154	0.0104	0.000483	0.000246	0.0000946	0.114	0.00000206	0.0000734	0.000838	0.00195	0.0000873
2061 Aug	0.000354	0.00105	0.155	0.0000109	1.55	3.51	0.0585	0.000241	5.37	0.00166	0.0108	0.000474	0.000259	0.000102	0.118	0.00000217	0.0000812	0.000825	0.002	0.000131
2061 Sep	0.000327	0.00108	0.145	0.0000109	1.54	3.73	0.0533	0.000317	5.4	0.00174	0.0108	0.000411	0.000257	0.000106	0.116	0.00000217	0.0000905	0.000745	0.00191	0.000198

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Oct	0.000249	0.00107	0.121	0.0000103	1.38	3.46	0.0368	0.000449	5.02	0.0016	0.0107	0.00025	0.000197	0.0000916	0.102	0.00000204	0.0000983	0.00053	0.00158	0.000224
2061 Nov	0.000228	0.00107	0.115	0.0000101	1.34	3.41	0.0325	0.000488	4.94	0.00158	0.0107	0.000206	0.000183	0.0000885	0.0985	0.00000201	0.000101	0.000474	0.00149	0.000236
2061 Dec	0.000229	0.00108	0.115	0.0000101	1.35	3.46	0.0326	0.000491	4.96	0.00159	0.0107	0.000206	0.000186	0.0000896	0.0989	0.00000201	0.000102	0.000475	0.00149	0.000244
2062 Jan	0.000229	0.00108	0.115	0.0000101	1.35	3.48	0.0327	0.000493	4.97	0.0016	0.0107	0.000206	0.000187	0.0000902	0.0991	0.00000201	0.000103	0.000476	0.00149	0.000249
2062 Feb	0.000229	0.00108	0.115	0.0000101	1.35	3.49	0.0327	0.000493	4.97	0.0016	0.0107	0.000206	0.000188	0.0000903	0.0992	0.00000201	0.000103	0.000476	0.00149	0.00025
2062 Mar	0.000229	0.00108	0.115	0.0000102	1.35	3.49	0.0328	0.000494	4.98	0.0016	0.0107	0.000207	0.000188	0.0000905	0.0993	0.00000201	0.000103	0.000476	0.0015	0.00025
2062 Apr	0.000231	0.00109	0.115	0.0000102	1.36	3.51	0.0329	0.000496	5	0.00161	0.0107	0.000208	0.000189	0.0000909	0.0999	0.00000202	0.000103	0.000479	0.0015	0.000252
2062 May	0.000234	0.0011	0.117	0.0000104	1.38	3.57	0.0334	0.000504	5.08	0.00164	0.0109	0.000211	0.000192	0.0000924	0.101	0.00000205	0.000105	0.000486	0.00153	0.000256
2062 Jun	0.000136	0.000733	0.0904	0.00000982	0.997	1.88	0.0202	0.000217	3.19	0.00117	0.00928	0.000132	0.000216	0.0000572	0.0628	0.00000196	0.0000654	0.000484	0.00188	0.0000831
2062 Jul	0.000108	0.000671	0.0856	0.00001	0.914	1.48	0.0159	0.000143	2.78	0.00108	0.00907	0.000108	0.000221	0.0000497	0.0532	0.000002	0.0000563	0.000456	0.00198	0.0000463
2062 Aug	0.00011	0.000763	0.0838	0.0000101	0.996	1.83	0.0148	0.000256	3.28	0.00117	0.00898	0.0000854	0.000174	0.0000588	0.0607	0.00000202	0.0000646	0.000324	0.00168	0.0000955
2062 Sep	0.000117	0.000849	0.0835	0.00001	1.06	2.17	0.0141	0.000383	3.7	0.00124	0.00939	0.0000607	0.000145	0.000063	0.0677	0.00000199	0.0000773	0.000273	0.00148	0.000139
2062 Oct	0.000127	0.000957	0.0858	0.00000968	1.11	2.51	0.0129	0.000524	4.1	0.00127	0.0102	0.0000352	0.000111	0.0000629	0.0745	0.00000192	0.0000927	0.000238	0.00125	0.000175
2062 Nov	0.000128	0.000972	0.0865	0.00000973	1.12	2.58	0.0131	0.000537	4.16	0.00129	0.0103	0.0000341	0.000112	0.0000643	0.0757	0.00000193	0.0000949	0.000239	0.00124	0.000186
2062 Dec	0.000129	0.000978	0.0864	0.00000973	1.12	2.63	0.0133	0.000541	4.18	0.00131	0.0103	0.0000341	0.000116	0.0000656	0.0762	0.00000193	0.000096	0.00024	0.00125	0.000197
2063 Jan	0.000129	0.00098	0.0864	0.00000973	1.12	2.65	0.0133	0.000542	4.18	0.00132	0.0103	0.0000341	0.000117	0.000066	0.0763	0.00000193	0.0000964	0.000241	0.00125	0.0002
2063 Feb	0.000129	0.00098	0.0864	0.00000974	1.12	2.65	0.0133	0.000543	4.18	0.00132	0.0103	0.0000341	0.000117	0.0000661	0.0764	0.00000193	0.0000965	0.000241	0.00125	0.000201
2063 Mar	0.000129	0.00098	0.0864	0.00000974	1.12	2.66	0.0133	0.000543	4.18	0.00132	0.0103	0.0000342	0.000117	0.0000661	0.0764	0.00000193	0.0000965	0.000241	0.00125	0.000201
2063 Apr	0.00013	0.000983	0.0867	0.00000977	1.13	2.66	0.0134	0.000544	4.2	0.00132	0.0103	0.0000343	0.000117	0.0000663	0.0766	0.00000194	0.0000968	0.000242	0.00125	0.000201
2063 May	0.000236	0.00105	0.117	0.0000099	1.34	3.09	0.0331	0.00048	4.91	0.00144	0.0106	0.000221	0.000142	0.00008	0.0982	0.00000197	0.0000934	0.000458	0.00138	0.000164
2063 Jun	0.000252	0.000766	0.12	0.00000936	1.18	2.22	0.0415	0.000139	3.85	0.00121	0.00916	0.000338	0.000219	0.0000681	0.0844	0.00000187	0.0000571	0.000693	0.00187	0.0000243
2063 Jul	0.000173	0.000717	0.101	0.00000977	1.04	1.86	0.0277	0.00014	3.26	0.00116	0.00911	0.000213	0.000227	0.0000595	0.0676	0.00000195	0.0000576	0.000569	0.00195	0.0000488
2063 Aug	0.000177	0.000795	0.105	0.0000104	1.11	2.17	0.0278	0.000189	3.56	0.00129	0.00956	0.000206	0.000234	0.0000676	0.0728	0.00000207	0.0000659	0.000548	0.00197	0.0000958
2063 Sep	0.000166	0.00086	0.098	0.0000104	1.15	2.53	0.0249	0.000305	3.85	0.00139	0.00955	0.000158	0.000213	0.0000754	0.0769	0.00000206	0.0000776	0.000453	0.00178	0.00017
2063 Oct	0.000159	0.000922	0.0949	0.0000101	1.16	2.75	0.022	0.000402	4.03	0.00142	0.00983	0.00012	0.000191	0.0000762	0.079	0.00000201	0.0000881	0.000393	0.0016	0.000215
2063 Nov	0.000159	0.000939	0.0947	0.0000101	1.17	2.85	0.0218	0.00042	4.08	0.00145	0.00988	0.000115	0.000192	0.0000781	0.08	0.00000201	0.000091	0.000388	0.00159	0.000234
2063 Dec	0.00016	0.000943	0.0947	0.0000101	1.17	2.89	0.022	0.000423	4.1	0.00147	0.00988	0.000115	0.000195	0.0000791	0.0804	0.00000201	0.0000918	0.000389	0.00159	0.000242
2064 Jan	0.00016	0.000946	0.0946	0.0000101	1.18	2.92	0.022	0.000425	4.1	0.00148	0.00988	0.000115	0.000197	0.0000797	0.0807	0.00000201	0.0000924	0.00039	0.00159	0.000247
2064 Feb	0.00016	0.000947	0.0947	0.0000101	1.18	2.93	0.0221	0.000426	4.11	0.00148	0.00988	0.000115	0.000197	0.0000799	0.0807	0.00000201	0.0000926	0.00039	0.00159	0.000249
2064 Mar	0.00016	0.000948	0.0948	0.0000102	1.18	2.93	0.0221	0.000427	4.11	0.00148	0.0099	0.000116	0.000197	0.00008	0.0809	0.00000201	0.0000927	0.000391	0.00159	0.000249
2064 Apr	0.000161	0.000951	0.0951	0.0000102	1.18	2.94	0.0222	0.000428	4.13	0.00149	0.00993	0.000116	0.000198	0.0000803	0.0811	0.00000202	0.000093	0.000392	0.0016	0.00025
2064 May	0.0003	0.00105	0.133	0.0000102	1.45	3.56	0.0473	0.000374	5.13	0.00163	0.0104	0.000352	0.000217	0.0000978	0.11	0.00000202	0.0000911	0.000651	0.00167	0.000209
2064 Jun	0.000419	0.000982	0.166	0.0000096	1.58	3.36	0.0703	0.000178	5.42	0.0015	0.0101	0.000594	0.00023	0.0000971	0.125	0.00000192	0.0000676	0.000943	0.00184	0.0000439
2064 Jul	0.000344	0.000967	0.15	0.0000101	1.46	3.09	0.0569	0.000192	4.95	0.00148	0.0102	0.000473	0.000231	0.0000906	0.111	0.00000202	0.0000698	0.000802	0.00188	0.0000787
2064 Aug	0.000288	0.000981	0.135	0.0000103	1.38	3.01	0.0462	0.000247	4.75	0.00148	0.00999	0.000372	0.000206	0.0000883	0.102	0.00000206	0.0000738	0.00063	0.00173	0.000126
2064 Sep	0.000216	0.000985	0.109	0.0000101	1.29	3.06	0.0318	0.000408	4.56	0.00148	0.00972	0.000213	0.000168	0.0000861	0.0929	0.000002	0.0000866	0.000423	0.00147	0.000213
2064 Oct	0.000209	0.00104	0.106	0.0000101	1.31	3.47	0.0303	0.000477	4.67	0.00162	0.00993	0.000183	0.000186	0.0000939	0.0955	0.000002	0.0000993	0.000406	0.00144	0.000309
2064 Nov	0.000212	0.00106	0.107	0.0000102	1.33	3.64	0.0309	0.00049	4.72	0.00168	0.00995	0.000184	0.000197	0.000098	0.0972	0.00000201	0.000103	0.000411	0.00146	0.000343
2064 Dec	0.000212	0.00107	0.107	0.0000102	1.33	3.66	0.0309	0.000492	4.72	0.00168	0.00995	0.000184	0.000199	0.0000986	0.0974	0.00000201	0.000103	0.000412	0.00146	0.000348
2065 Jan	0.000212	0.00107	0.107	0.0000102	1.33	3.68	0.031	0.000493	4.73	0.00169	0.00995	0.000184	0.0002	0.0000099	0.0976	0.00000201	0.000104	0.000413	0.00146	0.000352
2065 Feb	0.000212	0.00107	0.107	0.0000102	1.33	3.68	0.031	0.000494	4.73	0.00169	0.00995	0.000184	0.0002	0.0000991	0.0977	0.00000201	0.000104	0.000413	0.00146	0.000353
2065 Mar	0.000213	0.00107	0.107	0.0000102	1.34	3.69	0.0311	0.000495	4.74	0.0017	0.00997	0.000184	0.0002	0.0000993	0.0978	0.00000201	0.000104	0.000413	0.00146	0.000354
2065 Apr	0.000214	0.00108	0.107	0.0000103	1.34	3.71	0.0312	0.000497	4.77	0.0017	0.01	0.000185	0.000202	0.0000999	0.0984	0.00000202	0.000105	0.000416	0.00147	0.000355
2065 May	0.000366	0.00117	0.15	0.0000103	1.63	4.31	0.059	0.000418	5.8	0.00184	0.0106	0.000448	0.00023	0.000117	0.129	0.00000203	0.000101	0.000726	0.00161	0.000293
2065 Jun	0.000336	0.000895	0.143	0.00000962	1.4	2.89	0.0558	0.000176	4.7	0.00139	0.00974	0.000462	0.000227	0.0000851	0.106	0.00000192	0.0000652	0.000811	0.00186	0.0000552
2065 Jul	0.000289	0.000899	0.135	0.0000104	1.35	2.79	0.0476	0.000186	4.43	0.00144	0.0101	0.000383	0.000251	0.0000834	0.0981	0.00000207	0.0000697	0.000759	0.00203	0.0000908
2065 Aug	0.00028	0.00096	0.133	0.0000109	1.4	3.05	0.0456	0.000245	4.63	0.00155	0.0104	0.000353	0.000253	0.0000905	0.101	0.00000216	0.000078	0.000709	0.00201	0.000149
2065 Sep	0.000217	0.000978	0.112	0.0000103	1.3	2.97	0.032	0.000396	4.47	0.00147	0.0103	0.000214	0.000189	0.0000823	0.0921	0.00000205	0.0000878	0.000494	0.00164	0.000197
2065 Oct	0.000161	0.001	0.0959	0.00000977	1.18	2.71	0.0186	0.000537	4.31	0.00132	0.0106	0.0000842	0.000115	0.000067	0.0826	0.00000194	0.0000959	0.000306	0.00127	0.000195
2065 Nov	0.000156	0.00101	0.0949	0.00000979	1.18	2.73	0.0174	0.000557	4.33	0.00132	0.0107	0.0000716	0.00011	0.0000664	0.0824	0.00000194	0.0000978	0.00029	0.00124	0.000201
2065 Dec	0.000157	0.00102	0.0949	0.00000979	1.18	2.75	0.0175	0.000558	4.33	0.00133	0.0107	0.0000716	0.000111	0.0000669	0.0826	0.00000194	0.0000982	0.00029	0.00124	0.000205
2066 Jan	0.000157	0.00102	0.0948	0.00000979	1.19	2.78	0.0175	0.00056	4.34	0.00134	0.0107	0.0000715	0.000113	0.0000676	0.0829	0.00000194	0.0000988	0.000291	0.00125	0.000211
2066 Feb	0.000157	0.00102	0.0949	0.0000098	1.19	2.78	0.0176	0.00056	4.34	0.00134	0.0107	0.0000716	0.000113	0.0000677	0.0829	0.00000194	0.0000989	0.000291	0.00125	0.000212
2066 Mar	0.000157	0.00102	0.0952	0.00000982	1.19	2.79	0.0176	0.000562	4.35	0.00134	0.0107	0.0000718	0.000114	0.0000679	0.0832	0.00000195	0.0000992	0.000292	0.00125	0.000213
2066 Apr	0.000158	0.00103	0.0955	0.00000986	1.2	2.8	0.0177	0.000564	4.37	0.00135	0.0107	0.000072	0.000114	0.0000681	0.0835	0.00000195	0.0000996	0.000293	0.00125	0.000213
2066 May	0.000182	0.00105	0.103	0.00001	1.25	2.92	0.0221	0.000555	4.57	0.00139	0.0109	0.000113	0.000121	0.0000719	0.089	0.00000198	0.0000998	0.000343	0.0013	0.000207
2066 Jun	0.000182	0.000717	0.103	0.00000962	1.05	1.85	0.0289	0.000157	3.33	0.00114	0.00917	0.000221	0.000217	0.0000582	0.0696	0.00000192	0.0000578	0.000582	0.00191	0.0000365
2066 Jul	0.000151	0.000759	0.0989	0.0000105	1.05	1.94	0.0235	0.000171	3.24	0.00124	0.00963	0.000168	0.000242	0.0000617	0.0659	0.00000209	0.0000643	0.000539	0.00206	0.000094
2066 Aug	0.000155	0.000839	0.102	0.000011	1.12	2.28	0.0237	0.000224	3.52	0.00137	0.00999	0.000162	0.000246	0.0000706	0.0715	0.00000219	0.0000729	0.000508	0.00204	0.000155
2066 Sep	0.000152	0.0009	0.0987	0.0000108	1.15	2.53	0.0217	0.000325	3.76	0.00142	0.0102	0.00013	0.00022	0.0000735	0.0752	0.00000215	0.0000826	0.000443	0.00186	0.000203
2066 Oct	0.000148	0.000968	0.0947	0.0000104	1.16	2.78	0.0187	0.000449	3.98	0.00143	0.0104	0.0000881	0.000182	0.0000738	0.0784	0.00000205	0.000094	0.000363	0.00158	0.000252
2066 Nov	0.000147	0.000982	0.094	0.0000103	1.17	2.84	0.0183	0.000472	4.03	0.00144	0.0104	0.0000812	0.000177	0.0000744	0.0792	0.00000204	0.0000965	0.00035	0.00154	0.000266
2066 Dec	0.000148	0.000986	0.0941	0.0000103	1.17	2.88	0.0184	0.000474	4.04	0.00146	0.0104	0.0000812	0.000179	0.0000752	0.0796	0.00000204	0.0000972	0.000352	0.00154	0.000273
2067 Jan	0.000148	0.000988	0.0941	0.0000103	1.17	2.89	0.0184	0.000475	4.04	0.00146	0.0104	0.0000812	0.00018	0.0000756	0.0797	0.00000204	0.0000975	0.000352	0.00154	0.000276
2067 Feb	0.000148	0.000988	0.0941	0.0000103	1.17	2.9	0.0185	0.000476	4.04	0.00146	0.0104	0.0000812	0.00018	0.0000757	0.0798	0.00000204	0.0000976	0.000352	0.00154	0.000277
2067 Mar	0.000148	0.00099	0.0942	0.0000104	1.17	2.9	0.0185	0.000476	4.05	0.00146	0.0104	0.0000813	0.000181	0.0000758	0.0799	0.00000204	0.0000977	0.000353	0.00154	0.000277
2067 Apr	0.000149	0.000993	0.0945	0.0000104	1.18	2.91	0.0185	0.000478	4.06	0.00147	0.0105	0.0000816	0.000181	0.000076	0.0801	0.00000205	0.000098	0.000354	0.00155	0.000278

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 May	0.000296	0.00108	0.135	0.0000104	1.46	3.46	0.0454	0.000403	5.12	0.00159	0.0109	0.000336	0.000199	0.000093	0.11	0.00000206	0.0000929	0.000633	0.00165	0.000205
2067 Jun	0.000389	0.000972	0.159	0.00000978	1.53	3.21	0.0646	0.000195	5.23	0.00147	0.0102	0.00054	0.000225	0.0000928	0.119	0.00000195	0.0000687	0.000888	0.00185	0.0000512
2067 Jul	0.000348	0.000996	0.152	0.0000105	1.5	3.22	0.0575	0.000214	5.04	0.00155	0.0106	0.000471	0.000247	0.0000938	0.113	0.0000021	0.0000748	0.000832	0.00198	0.000106
2067 Aug	0.000288	0.00102	0.137	0.0000107	1.41	3.15	0.0462	0.00026	4.78	0.00154	0.0104	0.000369	0.000221	0.0000914	0.104	0.00000213	0.0000784	0.000644	0.00181	0.000165
2067 Sep	0.000251	0.00102	0.124	0.0000107	1.37	3.14	0.0386	0.000348	4.7	0.00154	0.0103	0.000285	0.000196	0.0000896	0.0992	0.00000211	0.0000847	0.000532	0.00167	0.000206
2067 Oct	0.000202	0.00102	0.109	0.0000102	1.27	2.95	0.0276	0.000458	4.49	0.00143	0.0104	0.000174	0.00015	0.000078	0.0906	0.00000201	0.0000918	0.000399	0.00142	0.000216
2067 Nov	0.000192	0.00103	0.106	0.0000101	1.26	2.95	0.0252	0.000489	4.47	0.00142	0.0105	0.00015	0.000142	0.0000765	0.0894	0.000002	0.0000946	0.000372	0.00138	0.000227
2067 Dec	0.000192	0.00103	0.106	0.0000101	1.26	2.99	0.0254	0.000492	4.48	0.00143	0.0105	0.00015	0.000144	0.0000773	0.0897	0.000002	0.0000954	0.000373	0.00138	0.000234
2068 Jan	0.000193	0.00104	0.106	0.0000101	1.26	3.01	0.0254	0.000493	4.48	0.00144	0.0105	0.00015	0.000146	0.0000778	0.0899	0.000002	0.0000958	0.000373	0.00138	0.00024
2068 Feb	0.000193	0.00104	0.106	0.0000101	1.26	3.01	0.0254	0.000494	4.49	0.00144	0.0105	0.00015	0.000146	0.0000779	0.09	0.000002	0.0000959	0.000374	0.00138	0.00024
2068 Mar	0.000193	0.00104	0.106	0.0000102	1.27	3.02	0.0255	0.000495	4.5	0.00145	0.0106	0.00015	0.000146	0.0000781	0.0902	0.00000201	0.0000962	0.000374	0.00139	0.000241
2068 Apr	0.000195	0.00105	0.107	0.0000103	1.28	3.05	0.0258	0.0005	4.54	0.00146	0.0107	0.000151	0.000148	0.0000789	0.0911	0.00000203	0.0000971	0.000378	0.0014	0.000243
2068 May	0.000306	0.00111	0.138	0.0000103	1.49	3.49	0.0463	0.000435	5.3	0.00157	0.011	0.000345	0.000171	0.0000928	0.113	0.00000204	0.0000935	0.000603	0.00151	0.000197
2068 Jun	0.000314	0.000854	0.137	0.00000944	1.33	2.72	0.0522	0.000161	4.42	0.00134	0.00948	0.000431	0.000227	0.0000806	0.1	0.00000188	0.0000627	0.000783	0.00185	0.0000576
2068 Jul	0.000231	0.000852	0.118	0.0000101	1.21	2.54	0.0374	0.000186	3.9	0.00136	0.00957	0.000294	0.000236	0.0000763	0.0847	0.00000201	0.0000679	0.000625	0.0019	0.000133
2068 Aug	0.000232	0.000927	0.121	0.0000108	1.28	2.8	0.0371	0.000234	4.15	0.00148	0.0101	0.000284	0.000242	0.0000836	0.0894	0.00000214	0.0000759	0.000602	0.00194	0.000182
2068 Sep	0.000204	0.000959	0.112	0.0000106	1.26	2.8	0.0302	0.000346	4.21	0.00145	0.0102	0.000208	0.000199	0.0000795	0.0873	0.0000021	0.0000836	0.000487	0.00172	0.000204
2068 Oct	0.000194	0.000994	0.108	0.0000105	1.26	2.93	0.0274	0.000409	4.27	0.00147	0.0104	0.000174	0.000187	0.0000798	0.0877	0.00000208	0.0000904	0.000443	0.00162	0.00024
2068 Nov	0.000195	0.001	0.108	0.0000106	1.26	2.98	0.0275	0.000417	4.3	0.00149	0.0105	0.000173	0.00019	0.000081	0.0884	0.00000209	0.0000919	0.000444	0.00162	0.000252
2068 Dec	0.000195	0.001	0.108	0.0000106	1.26	2.99	0.0275	0.000418	4.3	0.0015	0.0105	0.000173	0.00019	0.0000813	0.0885	0.00000209	0.0000922	0.000444	0.00163	0.000254
2069 Jan	0.000195	0.00101	0.108	0.0000106	1.27	3.01	0.0276	0.000419	4.3	0.0015	0.0105	0.000173	0.000192	0.0000817	0.0887	0.00000209	0.0000925	0.000445	0.00163	0.000259
2069 Feb	0.000195	0.00101	0.108	0.0000106	1.27	3.02	0.0276	0.00042	4.31	0.0015	0.0105	0.000173	0.000192	0.0000819	0.0887	0.00000209	0.0000927	0.000445	0.00163	0.00026
2069 Mar	0.000195	0.00101	0.108	0.0000106	1.27	3.02	0.0276	0.00042	4.31	0.0015	0.0105	0.000173	0.000192	0.0000819	0.0888	0.00000209	0.0000927	0.000445	0.00163	0.000261
2069 Apr	0.000196	0.00101	0.109	0.0000106	1.27	3.02	0.0277	0.000421	4.32	0.00151	0.0105	0.000173	0.000193	0.0000821	0.089	0.00000209	0.000093	0.000446	0.00163	0.000261
2069 May	0.000216	0.00104	0.115	0.0000108	1.33	3.16	0.0312	0.000424	4.53	0.00156	0.0108	0.000204	0.000199	0.000086	0.0942	0.00000214	0.0000947	0.000486	0.00168	0.000262
2069 Jun	0.000171	0.000717	0.1	0.00000983	1.04	1.84	0.027	0.000156	3.24	0.00116	0.00923	0.000202	0.000224	0.0000584	0.0676	0.00000196	0.0000588	0.000569	0.00196	0.0000537
2069 Jul	0.000144	0.00073	0.096	0.0000104	1.02	1.85	0.0224	0.00016	3.09	0.00121	0.00949	0.000158	0.000244	0.0000595	0.0633	0.00000207	0.0000625	0.000538	0.00207	0.000095
2069 Aug	0.000142	0.000798	0.0955	0.0000107	1.08	2.1	0.0213	0.000228	3.35	0.0013	0.0096	0.00014	0.000226	0.0000662	0.0677	0.00000212	0.0000692	0.000465	0.00195	0.000148
2069 Sep	0.000135	0.000859	0.0908	0.0000102	1.09	2.18	0.0173	0.000362	3.64	0.00125	0.00982	0.0000924	0.000162	0.0000625	0.0705	0.00000203	0.0000775	0.000353	0.00161	0.000154
2069 Oct	0.000131	0.000933	0.0896	0.0000098	1.1	2.16	0.013	0.000498	3.95	0.00115	0.0105	0.0000464	0.0000908	0.0000536	0.0728	0.00000195	0.000086	0.000257	0.00127	0.000123
2069 Nov	0.000131	0.00095	0.0901	0.00000982	1.11	2.18	0.0126	0.000518	4.02	0.00115	0.0106	0.0000412	0.0000834	0.0000531	0.0737	0.00000195	0.0000878	0.000248	0.00124	0.000122
2069 Dec	0.000131	0.000952	0.0901	0.00000983	1.11	2.2	0.0127	0.00052	4.02	0.00116	0.0106	0.0000412	0.0000846	0.0000536	0.0739	0.00000195	0.0000882	0.000249	0.00125	0.000127
2070 Jan	0.000131	0.000952	0.0901	0.00000983	1.11	2.2	0.0127	0.00052	4.02	0.00116	0.0106	0.0000412	0.0000848	0.0000537	0.0739	0.00000195	0.0000882	0.000249	0.00125	0.000128
2070 Feb	0.000131	0.000953	0.0901	0.00000983	1.11	2.2	0.0127	0.00052	4.02	0.00116	0.0106	0.0000412	0.0000849	0.0000537	0.074	0.00000195	0.0000883	0.000249	0.00125	0.000128
2070 Mar	0.000132	0.000953	0.0902	0.00000984	1.11	2.2	0.0127	0.000521	4.02	0.00116	0.0106	0.0000413	0.0000849	0.0000538	0.074	0.00000195	0.0000883	0.000249	0.00125	0.000128
2070 Apr	0.000133	0.000959	0.0908	0.00000989	1.12	2.22	0.0128	0.000523	4.05	0.00117	0.0107	0.0000419	0.0000855	0.0000541	0.0745	0.00000196	0.0000888	0.000251	0.00125	0.000129
2070 May	0.000253	0.00104	0.124	0.00001	1.36	2.81	0.0354	0.000455	4.9	0.00133	0.011	0.000252	0.00012	0.0000723	0.0997	0.00000199	0.0000869	0.000496	0.0014	0.000103
2070 Jun	0.000427	0.00102	0.17	0.00000979	1.62	3.38	0.0709	0.000206	5.59	0.0015	0.0104	0.000598	0.000216	0.0000968	0.128	0.00000195	0.0000696	0.000939	0.00181	0.0000359
2070 Jul	0.00037	0.00101	0.158	0.0000104	1.53	3.23	0.061	0.000213	5.2	0.00152	0.0106	0.000506	0.000233	0.0000936	0.118	0.00000207	0.0000729	0.000854	0.00192	0.0000824
2070 Aug	0.000339	0.00104	0.151	0.0000108	1.52	3.27	0.0549	0.000253	5.14	0.00157	0.0107	0.000448	0.000225	0.0000949	0.114	0.00000215	0.0000776	0.000756	0.00187	0.000133
2070 Sep	0.000246	0.00101	0.123	0.0000103	1.34	2.83	0.0356	0.000398	4.7	0.00138	0.0107	0.000259	0.000151	0.0000765	0.097	0.00000204	0.000084	0.000508	0.00152	0.000138
2070 Oct	0.00019	0.000997	0.107	0.00000993	1.23	2.49	0.0236	0.000484	4.43	0.00124	0.0108	0.000145	0.000101	0.0000628	0.0862	0.00000197	0.0000872	0.000362	0.00131	0.00012
2070 Nov	0.000187	0.001	0.106	0.00000993	1.23	2.54	0.0229	0.000496	4.43	0.00126	0.0108	0.000137	0.000102	0.0000636	0.0861	0.00000197	0.000089	0.000353	0.0013	0.000137
2070 Dec	0.000187	0.00101	0.106	0.00000993	1.23	2.56	0.023	0.000498	4.43	0.00126	0.0108	0.000137	0.000103	0.000064	0.0863	0.00000197	0.0000894	0.000354	0.0013	0.000142
2071 Jan	0.000187	0.00101	0.106	0.00000993	1.23	2.56	0.023	0.000498	4.43	0.00126	0.0108	0.000137	0.000103	0.0000641	0.0863	0.00000197	0.0000894	0.000354	0.0013	0.000143
2071 Feb	0.000187	0.00101	0.106	0.00000993	1.23	2.56	0.023	0.000498	4.43	0.00126	0.0108	0.000137	0.000103	0.0000641	0.0863	0.00000197	0.0000895	0.000354	0.0013	0.000143
2071 Mar	0.000187	0.00101	0.106	0.00000993	1.23	2.56	0.023	0.000498	4.43	0.00126	0.0108	0.000137	0.000103	0.0000641	0.0863	0.00000197	0.0000895	0.000354	0.0013	0.000143
2071 Apr	0.000188	0.00101	0.106	0.00000996	1.23	2.57	0.0231	0.000499	4.44	0.00127	0.0108	0.000137	0.000104	0.0000643	0.0866	0.00000198	0.0000897	0.000355	0.0013	0.000143
2071 May	0.000332	0.00109	0.145	0.00000998	1.51	3.23	0.0503	0.000407	5.41	0.00144	0.011	0.000392	0.000144	0.0000853	0.116	0.00000198	0.0000855	0.00065	0.00147	0.000103
2071 Jun	0.000358	0.000911	0.15	0.00000961	1.44	2.89	0.0594	0.000171	4.88	0.00137	0.00992	0.000498	0.000217	0.0000848	0.111	0.00000192	0.0000635	0.000845	0.00184	0.0000263
2071 Jul	0.000276	0.000852	0.131	0.0000101	1.29	2.48	0.0452	0.000165	4.22	0.00132	0.00992	0.000369	0.000229	0.0000752	0.0929	0.00000202	0.0000633	0.000731	0.00196	0.0000486
2071 Aug	0.000267	0.000897	0.13	0.0000106	1.33	2.58	0.0431	0.00021	4.37	0.00138	0.0102	0.000343	0.000222	0.0000785	0.0945	0.00000211	0.0000681	0.000682	0.00195	0.0000767
2071 Sep	0.000208	0.000905	0.11	0.0000102	1.25	2.44	0.0303	0.000347	4.24	0.0013	0.01	0.000213	0.000157	0.0000711	0.0864	0.00000204	0.0000751	0.000469	0.00161	0.000111
2071 Oct	0.000187	0.000928	0.104	0.00001	1.21	2.41	0.025	0.000413	4.21	0.00126	0.0102	0.00016	0.000131	0.000066	0.0834	0.000002	0.0000803	0.000397	0.00146	0.000124
2071 Nov	0.000177	0.000945	0.102	0.00001	1.2	2.39	0.0225	0.000448	4.22	0.00124	0.0104	0.000134	0.000117	0.0000634	0.0824	0.00000199	0.0000831	0.000363	0.0014	0.000125
2071 Dec	0.000177	0.000948	0.102	0.00001	1.2	2.4	0.0224	0.000451	4.23	0.00124	0.0104	0.000133	0.000117	0.0000637	0.0825	0.00000199	0.0000836	0.000362	0.0014	0.000129
2072 Jan	0.000177	0.000948	0.102	0.00001	1.2	2.4	0.0224	0.000451	4.23	0.00124	0.0104	0.000133	0.000117	0.0000637	0.0825	0.00000199	0.0000836	0.000362	0.0014	0.000129
2072 Feb	0.000177	0.000948	0.102	0.00001	1.2	2.4	0.0224	0.000451	4.23	0.00124	0.0104	0.000133	0.000117	0.0000637	0.0825	0.00000199	0.0000836	0.000362	0.0014	0.000129
2072 Mar	0.000177	0.000948	0.102	0.00001	1.2	2.4	0.0224	0.000451	4.23	0.00124	0.0104	0.000133	0.000117	0.0000637	0.0825	0.00000199	0.0000836	0.000362	0.0014	0.00013
2072 Apr	0.000178	0.000952	0.102	0.0000101	1.2	2.41	0.0225	0.000453	4.25	0.00125	0.0105	0.000134	0.000118	0.000064	0.0829	0.000002	0.0000839	0.000363	0.0014	0.00013
2072 May	0.000182	0.000972	0.104	0.0000103	1.23	2.46	0.0231	0.000462	4.34	0.00128	0.0107	0.000137	0.00012	0.0000654	0.0847	0.00000204	0.0000857	0.000372	0.00143	0.000133
2072 Jun	0.000126	0.000694	0.089	0.00000992	0.967	1.54	0.0182	0.000192	2.99	0.00107	0.00931	0.000121	0.000201	0.0000496	0.0587	0.00000198	0.000059	0.000472	0.0019	0.0000395
2072 Jul	0.000115	0.000726	0.0895	0.0000102	0.955	1.57	0.0163	0.000176	2.96	0.0011	0.0093	0.000113	0.000197	0.0000511	0.0569	0.00000203	0.0000587	0.000415	0.00187	0.0000645
2072 Aug	0.00011	0.000771	0.082	0.0000102	1.03	1.69	0.0136	0.000313	3.42	0.0011	0.00896	0.0000705	0.000123	0.0000557	0.063	0.00000202	0.0000628	0.000252	0.00151	0.0000732
2072 Sep	0.000111	0.000816	0.0794	0.00001	1.07	1.79	0.012	0.000416	3.72	0.00109	0.00913	0.0000427	0.0000807	0.0000559	0.0673	0.00000199	0.0000692	0.000184	0.0013	0.0000782
2072 Oct	0.000119	0.000892	0.0839	0.00000975	1.08	1.93	0.011	0.000495	3.91	0.00108	0.00997	0.0000304	0.000062	0.0000513	0.0704	0.00000194	0.0000793	0.00019	0.00118	0.0000883
2072 Nov	0.000121	0.00091	0.0845	0.00000975	1.09	2.03	0.0112	0.00051	3.95	0.00111	0.0101	0.0000291	0.0000647	0.0000526	0.0715	0.00000194	0.0000822	0.000193	0.00117	0.000109

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2072 Dec	0.000121	0.000913	0.0845	0.00000976	1.09	2.06	0.0113	0.000512	3.95	0.00112	0.0101	0.0000291	0.0000667	0.0000533	0.0718	0.00000194	0.0000828	0.000194	0.00117	0.000118
2073 Jan	0.000121	0.000913	0.0845	0.00000976	1.09	2.06	0.0113	0.000513	3.95	0.00112	0.0101	0.0000291	0.0000672	0.0000535	0.0718	0.00000194	0.000083	0.000194	0.00118	0.00012
2073 Feb	0.000121	0.000914	0.0845	0.00000976	1.09	2.06	0.0113	0.000513	3.95	0.00112	0.0101	0.0000291	0.0000672	0.0000535	0.0719	0.00000194	0.000083	0.000194	0.00118	0.00012
2073 Mar	0.000121	0.000914	0.0845	0.00000976	1.1	2.06	0.0113	0.000513	3.95	0.00112	0.0101	0.0000291	0.0000673	0.0000536	0.0719	0.00000194	0.000083	0.000194	0.00118	0.00012
2073 Apr	0.000122	0.000922	0.0853	0.00000985	1.11	2.08	0.0114	0.000518	3.99	0.00113	0.0102	0.0000294	0.0000679	0.0000541	0.0726	0.00000196	0.0000838	0.000196	0.00119	0.000121
2073 May	0.000305	0.00105	0.135	0.00000995	1.46	3.1	0.0457	0.00042	5.22	0.00141	0.0106	0.000347	0.000133	0.0000837	0.111	0.00000198	0.0000839	0.000578	0.00141	0.000119
2073 Jun	0.000409	0.000978	0.164	0.00000969	1.56	3.25	0.0682	0.000187	5.36	0.00147	0.0102	0.000575	0.00022	0.000094	0.123	0.00000193	0.000067	0.000918	0.00183	0.000039
2073 Jul	0.000346	0.000955	0.15	0.0000101	1.45	2.96	0.0568	0.00019	4.92	0.00143	0.0102	0.000475	0.000217	0.000087	0.11	0.00000201	0.0000672	0.000799	0.00185	0.0000619
2073 Aug	0.000313	0.000986	0.143	0.0000105	1.43	2.93	0.0503	0.000228	4.85	0.00145	0.0103	0.000415	0.000204	0.0000865	0.106	0.00000209	0.0000708	0.000694	0.0018	0.000101
2073 Sep	0.000254	0.000975	0.124	0.0000103	1.34	2.77	0.0383	0.000334	4.61	0.00138	0.0102	0.000292	0.000162	0.000079	0.0967	0.00000204	0.0000769	0.000531	0.00158	0.000136
2073 Oct	0.0002	0.000981	0.109	0.00000995	1.24	2.57	0.0266	0.000444	4.39	0.00128	0.0104	0.000174	0.000118	0.0000676	0.0876	0.00000197	0.0000843	0.00039	0.00136	0.000152
2073 Nov	0.000192	0.000986	0.106	0.00000991	1.23	2.58	0.0247	0.000465	4.36	0.00128	0.0105	0.000154	0.000113	0.0000666	0.0864	0.00000196	0.0000864	0.000367	0.00133	0.000165
2073 Dec	0.000192	0.00099	0.106	0.00000991	1.23	2.61	0.0248	0.000468	4.36	0.00129	0.0105	0.000154	0.000115	0.0000673	0.0867	0.00000196	0.0000871	0.000368	0.00133	0.000175
2074 Jan	0.000192	0.000992	0.106	0.00000992	1.23	2.63	0.0248	0.000469	4.36	0.00129	0.0105	0.000154	0.000117	0.0000679	0.0869	0.00000196	0.0000876	0.000369	0.00133	0.000181
2074 Feb	0.000192	0.000992	0.106	0.00000992	1.23	2.64	0.0249	0.00047	4.36	0.0013	0.0105	0.000154	0.000117	0.0000681	0.0869	0.00000196	0.0000877	0.000369	0.00133	0.000184
2074 Mar	0.000192	0.000993	0.106	0.00000992	1.23	2.64	0.0249	0.00047	4.36	0.0013	0.0105	0.000154	0.000117	0.0000682	0.087	0.00000196	0.0000878	0.000369	0.00133	0.000184
2074 Apr	0.000194	0.001	0.107	0.00001	1.24	2.66	0.0251	0.000474	4.4	0.00131	0.0106	0.000156	0.000118	0.0000687	0.0877	0.00000198	0.0000885	0.000372	0.00134	0.000185
2074 May	0.000371	0.00111	0.155	0.00001	1.59	3.55	0.0582	0.000378	5.62	0.00154	0.0109	0.000464	0.00017	0.0000954	0.124	0.00000199	0.0000861	0.000733	0.00154	0.000151
2074 Jun	0.000441	0.001	0.172	0.00000954	1.62	3.42	0.074	0.000177	5.58	0.0015	0.0102	0.000629	0.000223	0.0000986	0.13	0.0000019	0.0000668	0.000971	0.00181	0.0000399
2074 Jul	0.000391	0.000996	0.162	0.0000102	1.56	3.24	0.0651	0.000185	5.27	0.00151	0.0105	0.000547	0.000235	0.0000948	0.121	0.00000204	0.0000696	0.0009	0.00193	0.00007
2074 Aug	0.000394	0.00106	0.166	0.0000109	1.63	3.5	0.0654	0.000224	5.48	0.00163	0.011	0.000542	0.000248	0.000102	0.125	0.00000216	0.0000771	0.000897	0.002	0.000128
2074 Sep	0.000287	0.00103	0.132	0.0000104	1.43	3.15	0.044	0.000372	4.9	0.00149	0.0106	0.00033	0.000182	0.0000873	0.106	0.00000206	0.0000849	0.00061	0.00164	0.000196
2074 Oct	0.000231	0.00104	0.116	0.0000101	1.33	3.09	0.0325	0.000472	4.62	0.00145	0.0107	0.000214	0.000153	0.0000806	0.0972	0.000002	0.0000939	0.000466	0.00144	0.000269
2074 Nov	0.00023	0.00108	0.114	0.0000101	1.35	3.46	0.0327	0.000504	4.6	0.00158	0.0106	0.000205	0.000177	0.0000894	0.0996	0.00000198	0.000102	0.000465	0.00144	0.000393
2074 Dec	0.000231	0.00108	0.114	0.0000102	1.35	3.53	0.0329	0.000509	4.6	0.0016	0.0106	0.000205	0.000181	0.0000911	0.1	0.00000198	0.000104	0.000466	0.00144	0.000415
2075 Jan	0.000231	0.00108	0.114	0.0000102	1.35	3.55	0.0329	0.00051	4.6	0.00161	0.0106	0.000205	0.000182	0.0000914	0.1	0.00000198	0.000104	0.000466	0.00144	0.00042
2075 Feb	0.000231	0.00108	0.114	0.0000102	1.35	3.55	0.033	0.000511	4.6	0.00161	0.0106	0.000205	0.000183	0.0000916	0.1	0.00000198	0.000104	0.000467	0.00144	0.000421
2075 Mar	0.000231	0.00109	0.114	0.0000102	1.36	3.56	0.033	0.000512	4.61	0.00161	0.0106	0.000205	0.000183	0.0000918	0.1	0.00000198	0.000104	0.000467	0.00145	0.000423
2075 Apr	0.000233	0.00109	0.114	0.0000102	1.36	3.59	0.0332	0.000515	4.64	0.00162	0.0106	0.000206	0.000184	0.0000925	0.101	0.000002	0.000105	0.00047	0.00146	0.000427
2075 May	0.000307	0.00116	0.135	0.0000104	1.52	4.1	0.0471	0.000491	5.17	0.00178	0.0109	0.000331	0.000214	0.000107	0.118	0.00000202	0.000108	0.00062	0.00155	0.000458
2075 Jun	0.00014	0.000694	0.0908	0.0000097	0.977	1.75	0.0215	0.000175	2.97	0.00113	0.00904	0.000149	0.00022	0.0000552	0.0613	0.00000193	0.0000602	0.00051	0.00191	0.0000986
2075 Jul	0.000112	0.000664	0.0867	0.0000101	0.918	1.43	0.0166	0.000136	2.73	0.00107	0.0091	0.000115	0.00022	0.0000486	0.0535	0.000002	0.0000549	0.00047	0.00199	0.0000526
2075 Aug	0.000114	0.000729	0.0882	0.0000104	0.976	1.62	0.0162	0.000192	3	0.00113	0.00928	0.000107	0.000199	0.0000537	0.0581	0.00000206	0.0000599	0.000408	0.00188	0.0000905
2075 Sep	0.000118	0.000778	0.0885	0.0000105	1.02	1.83	0.016	0.000255	3.21	0.00119	0.0095	0.0000954	0.000188	0.0000578	0.0623	0.00000208	0.0000667	0.00038	0.0018	0.000136
2075 Oct	0.000121	0.000835	0.0888	0.0000103	1.05	1.98	0.015	0.000337	3.43	0.00119	0.00984	0.0000776	0.000161	0.0000575	0.066	0.00000204	0.0000742	0.000341	0.00164	0.000159
2075 Nov	0.000123	0.000853	0.0891	0.0000103	1.06	2.07	0.015	0.000356	3.48	0.00122	0.00992	0.000075	0.000161	0.0000591	0.0673	0.00000204	0.0000768	0.000338	0.00162	0.000181
2075 Dec	0.000123	0.000855	0.0891	0.0000103	1.06	2.1	0.0151	0.000358	3.48	0.00123	0.00992	0.0000749	0.000162	0.0000596	0.0675	0.00000204	0.0000774	0.000338	0.00162	0.000188
2076 Jan	0.000123	0.000856	0.0891	0.0000103	1.06	2.1	0.0151	0.000358	3.48	0.00123	0.00992	0.0000749	0.000162	0.0000597	0.0676	0.00000204	0.0000774	0.000338	0.00162	0.00019
2076 Feb	0.000123	0.000856	0.0891	0.0000103	1.06	2.1	0.0151	0.000358	3.48	0.00123	0.00993	0.0000749	0.000162	0.0000598	0.0676	0.00000204	0.0000775	0.000338	0.00162	0.00019
2076 Mar	0.000124	0.000857	0.0892	0.0000103	1.07	2.1	0.0151	0.000359	3.49	0.00123	0.00994	0.000075	0.000163	0.0000598	0.0677	0.00000205	0.0000776	0.000339	0.00163	0.00019
2076 Apr	0.000124	0.000861	0.0896	0.0000104	1.07	2.11	0.0152	0.00036	3.5	0.00124	0.00998	0.0000753	0.000163	0.0000601	0.0679	0.00000205	0.0000779	0.00034	0.00163	0.000191
2076 May	0.000259	0.000969	0.126	0.0000104	1.34	2.78	0.0394	0.000323	4.56	0.00139	0.0105	0.000299	0.000182	0.0000786	0.097	0.00000206	0.0000781	0.000587	0.0017	0.000146
2076 Jun	0.000372	0.000914	0.153	0.00000955	1.46	2.93	0.0619	0.000162	4.96	0.00138	0.00987	0.000522	0.000217	0.0000861	0.113	0.00000191	0.0000624	0.000867	0.00184	0.0000214
2076 Jul	0.000302	0.000876	0.138	0.00001	1.34	2.58	0.0496	0.000161	4.44	0.00133	0.00994	0.000412	0.000222	0.0000778	0.0984	0.000002	0.0000624	0.000757	0.00192	0.0000404
2076 Aug	0.000291	0.000925	0.137	0.0000106	1.38	2.69	0.047	0.000208	4.57	0.0014	0.0103	0.000382	0.000216	0.0000813	0.0998	0.0000021	0.0000679	0.000705	0.00191	0.0000811
2076 Sep	0.00027	0.000953	0.13	0.0000106	1.37	2.78	0.0425	0.000275	4.57	0.00142	0.0104	0.000331	0.000203	0.0000818	0.0985	0.00000211	0.0000744	0.000635	0.00182	0.000136
2076 Oct	0.000221	0.000964	0.115	0.0000102	1.27	2.62	0.0315	0.000384	4.39	0.00133	0.0105	0.000222	0.000153	0.0000716	0.0903	0.00000203	0.0000812	0.000484	0.00156	0.000157
2076 Nov	0.000212	0.000974	0.113	0.0000102	1.26	2.66	0.0296	0.00041	4.36	0.00134	0.0105	0.000201	0.000149	0.0000716	0.0895	0.00000201	0.0000842	0.000458	0.00151	0.000186
2076 Dec	0.000213	0.000978	0.112	0.0000102	1.27	2.7	0.0298	0.000413	4.36	0.00135	0.0105	0.000201	0.000151	0.0000725	0.0898	0.00000201	0.0000849	0.000459	0.00151	0.000198
2077 Jan	0.000213	0.000978	0.112	0.0000102	1.27	2.71	0.0298	0.000413	4.36	0.00135	0.0105	0.000201	0.000152	0.0000726	0.0899	0.00000201	0.0000851	0.000459	0.00151	0.0002
2077 Feb	0.000213	0.000979	0.112	0.0000102	1.27	2.71	0.0298	0.000413	4.36	0.00135	0.0105	0.000201	0.000152	0.0000727	0.0899	0.00000201	0.0000851	0.000459	0.00151	0.0002
2077 Mar	0.000213	0.000979	0.113	0.0000102	1.27	2.71	0.0298	0.000413	4.36	0.00135	0.0105	0.000201	0.000152	0.0000727	0.09	0.00000201	0.0000852	0.000459	0.00152	0.000201
2077 Apr	0.000214	0.000984	0.113	0.0000102	1.27	2.72	0.0299	0.000415	4.38	0.00136	0.0106	0.000202	0.000152	0.000073	0.0904	0.00000202	0.0000856	0.000461	0.00152	0.000202
2077 May	0.000306	0.00105	0.138	0.0000103	1.46	3.15	0.0467	0.000375	5.06	0.00147	0.0108	0.000359	0.000171	0.0000858	0.11	0.00000203	0.0000844	0.000638	0.0016	0.000168
2077 Jun	0.000368	0.000932	0.153	0.00000973	1.47	3.01	0.0612	0.000177	4.97	0.00142	0.01	0.000512	0.000224	0.0000881	0.114	0.00000194	0.0000656	0.000863	0.00186	0.0000543
2077 Jul	0.000306	0.000904	0.14	0.0000104	1.38	2.75	0.0505	0.000177	4.52	0.00141	0.0103	0.000413	0.000242	0.0000823	0.101	0.00000207	0.0000674	0.00079	0.00202	0.0000836
2077 Aug	0.000299	0.00095	0.14	0.0000109	1.42	2.85	0.0486	0.00022	4.67	0.00147	0.0106	0.00039	0.000237	0.0000857	0.103	0.00000217	0.0000723	0.000749	0.00203	0.000116
2077 Sep	0.000205	0.000926	0.109	0.0000102	1.25	2.43	0.0289	0.000385	4.3	0.00127	0.0102	0.000197	0.000139	0.0000686	0.0869	0.00000202	0.0000776	0.000443	0.00153	0.000128
2077 Oct	0.000184	0.000958	0.104	0.0000101	1.22	2.47	0.0238	0.000455	4.26	0.00127	0.0105	0.000144	0.00012	0.0000656	0.0846	0.000002	0.0000845	0.000375	0.0014	0.00017
2077 Nov	0.000185	0.000968	0.104	0.0000101	1.23	2.54	0.0239	0.000462	4.27	0.00129	0.0105	0.000143	0.000124	0.0000672	0.0853	0.000002	0.0000862	0.000376	0.00141	0.000193
2077 Dec	0.000185	0.000969	0.104	0.0000101	1.23	2.56	0.024	0.000463	4.28	0.0013	0.0105	0.000143	0.000125	0.0000676	0.0855	0.000002	0.0000865	0.000377	0.00141	0.000198
2078 Jan	0.000185	0.00097	0.104	0.0000101	1.23	2.56	0.024	0.000463	4.28	0.0013	0.0105	0.000143	0.000125	0.0000677	0.0855	0.000002	0.0000866	0.000377	0.00141	0.000199
2078 Feb	0.000185	0.00097	0.104	0.0000101	1.23	2.56	0.024	0.000463	4.28	0.0013	0.0105	0.000143	0.000125	0.0000677	0.0855	0.000002	0.0000867	0.000377	0.00141	0.000199
2078 Mar	0.000185	0.000971	0.104	0.0000101	1.23	2.56	0.024	0.000464	4.28	0.0013	0.0105	0.000143	0.000125	0.0000678	0.0856	0.000002	0.0000867	0.000377	0.00141	0.0002
2078 Apr	0.000187	0.000979	0.105	0.0000102	1.24	2.58	0.0242	0.000468	4.32	0.00131	0.0106	0.000145	0.000126	0.0000684	0.0863	0.00000202	0.0000875	0.00038	0.00142	0.000201
2078 May	0.000415	0.00111	0.167	0.0000101	1.67	3.65	0.0666	0.000337	5.88	0.00157	0.011	0.000544	0.000181	0.0001	0.133	0.000002	0.0000823	0.000834	0.00162	0.000125
2078 Jun	0.000477	0.00104	0.182	0.00000953	1.7	3.6	0.0802	0.000181	5.91	0.00153	0.0103	0.000686	0.000219	0.000103	0.138	0.0000019	0.0000675	0.00102	0.00179	0.0000287

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Jul	0.000434	0.00105	0.175	0.0000102	1.65	3.46	0.0723	0.000193	5.69	0.00155	0.0107	0.000615	0.000223	0.0001	0.131	0.00000203	0.00007	0.000945	0.00186	0.000057
2078 Aug	0.000358	0.00104	0.155	0.0000104	1.53	3.19	0.058	0.000238	5.26	0.0015	0.0104	0.000485	0.000195	0.0000931	0.117	0.00000207	0.0000717	0.000744	0.00173	0.000111
2078 Sep	0.000308	0.00103	0.139	0.0000105	1.47	3.16	0.0485	0.000321	5.03	0.0015	0.0103	0.000384	0.000177	0.0000911	0.11	0.00000207	0.0000783	0.000617	0.00161	0.000191
2078 Oct	0.000272	0.00104	0.128	0.0000103	1.4	3.16	0.041	0.000391	4.82	0.00148	0.0103	0.000305	0.000164	0.0000873	0.104	0.00000203	0.0000855	0.000533	0.0015	0.00026
2078 Nov	0.000264	0.00104	0.126	0.0000103	1.39	3.18	0.0394	0.000408	4.79	0.00149	0.0104	0.000288	0.000162	0.0000869	0.103	0.00000202	0.0000875	0.000516	0.00148	0.000279
2078 Dec	0.000264	0.00105	0.126	0.0000103	1.39	3.19	0.0395	0.000409	4.79	0.00149	0.0104	0.000288	0.000163	0.0000873	0.103	0.00000202	0.0000878	0.000516	0.00149	0.000285
2079 Jan	0.000264	0.00105	0.125	0.0000103	1.39	3.21	0.0395	0.00041	4.78	0.0015	0.0104	0.000288	0.000164	0.0000877	0.103	0.00000202	0.0000881	0.000517	0.00149	0.000291
2079 Feb	0.000264	0.00105	0.125	0.0000103	1.39	3.21	0.0395	0.00041	4.78	0.0015	0.0104	0.000288	0.000165	0.0000878	0.103	0.00000202	0.0000882	0.000517	0.00149	0.000293
2079 Mar	0.000265	0.00105	0.126	0.0000103	1.39	3.22	0.0396	0.000411	4.79	0.0015	0.0104	0.000288	0.000165	0.0000879	0.103	0.00000202	0.0000883	0.000517	0.00149	0.000293
2079 Apr	0.000266	0.00105	0.126	0.0000104	1.4	3.24	0.0398	0.000413	4.81	0.00151	0.0104	0.00029	0.000166	0.0000884	0.104	0.00000203	0.0000888	0.00052	0.00149	0.000295
2079 May	0.000289	0.00108	0.133	0.0000105	1.46	3.36	0.0438	0.000411	5.03	0.00155	0.0107	0.000326	0.000172	0.000092	0.109	0.00000207	0.0000899	0.000565	0.00154	0.000289
2079 Jun	0.000184	0.000706	0.103	0.00000959	1.05	1.82	0.0295	0.000141	3.27	0.00113	0.00905	0.000229	0.000218	0.0000581	0.0693	0.00000191	0.0000557	0.000587	0.00192	0.0000463
2079 Jul	0.000139	0.000695	0.0938	0.00001	0.976	1.62	0.0214	0.00014	2.96	0.00111	0.00914	0.000159	0.000219	0.0000534	0.06	0.00000199	0.000056	0.000505	0.00196	0.0000673
2079 Aug	0.00014	0.000771	0.0967	0.0000105	1.03	1.81	0.0207	0.000184	3.2	0.00118	0.00949	0.00015	0.000207	0.0000585	0.064	0.00000208	0.0000616	0.000451	0.0019	0.000117
2079 Sep	0.000135	0.000842	0.0929	0.0000103	1.07	1.99	0.0174	0.000324	3.51	0.00118	0.00982	0.000104	0.000156	0.0000579	0.0682	0.00000203	0.0000723	0.000357	0.00162	0.000156
2079 Oct	0.000134	0.00089	0.0916	0.0000101	1.08	2.1	0.0154	0.000407	3.69	0.00118	0.0101	0.0000777	0.000127	0.0000565	0.0707	0.00000199	0.0000794	0.000311	0.00145	0.000176
2079 Nov	0.000133	0.000907	0.0914	0.00001	1.09	2.12	0.0147	0.000436	3.77	0.00117	0.0103	0.0000685	0.000115	0.0000555	0.0715	0.00000198	0.0000816	0.000294	0.0014	0.000175
2079 Dec	0.000133	0.000918	0.0912	0.00000999	1.09	2.14	0.0143	0.000454	3.81	0.00117	0.0104	0.0000631	0.000109	0.0000551	0.072	0.00000197	0.000083	0.000285	0.00136	0.000178
2080 Jan	0.000133	0.000918	0.0912	0.00000999	1.09	2.14	0.0143	0.000454	3.81	0.00117	0.0104	0.0000631	0.000109	0.0000552	0.072	0.00000197	0.0000831	0.000285	0.00136	0.000179
2080 Feb	0.000133	0.000918	0.0912	0.00000999	1.09	2.14	0.0143	0.000454	3.81	0.00117	0.0104	0.0000631	0.000109	0.0000552	0.0721	0.00000197	0.0000831	0.000285	0.00136	0.000179
2080 Mar	0.000133	0.000918	0.0912	0.00000999	1.09	2.14	0.0143	0.000454	3.81	0.00117	0.0104	0.0000631	0.000109	0.0000552	0.0721	0.00000197	0.0000831	0.000285	0.00136	0.000179
2080 Apr	0.000133	0.000922	0.0915	0.00001	1.1	2.15	0.0143	0.000456	3.82	0.00117	0.0104	0.0000633	0.000109	0.0000554	0.0723	0.00000198	0.0000834	0.000286	0.00137	0.00018
2080 May	0.000141	0.000945	0.0949	0.0000102	1.13	2.22	0.0156	0.000463	3.94	0.00121	0.0106	0.0000735	0.000113	0.0000574	0.075	0.00000202	0.0000852	0.000302	0.0014	0.000183
2080 Jun	0.000117	0.000694	0.0863	0.00000984	0.943	1.51	0.0163	0.000203	2.92	0.00105	0.00927	0.000104	0.000193	0.0000478	0.0567	0.00000196	0.0000595	0.000444	0.00185	0.0000603
2080 Jul	0.000106	0.000683	0.0861	0.00001	0.91	1.38	0.0149	0.000153	2.78	0.00104	0.0091	0.000104	0.000196	0.0000466	0.0529	0.000002	0.0000546	0.000415	0.00188	0.0000487
2080 Aug	0.000108	0.000755	0.0882	0.0000103	0.965	1.55	0.0143	0.000207	3.07	0.00108	0.00925	0.0000972	0.000167	0.0000511	0.0573	0.00000205	0.0000587	0.000335	0.00173	0.0000817
2080 Sep	0.000111	0.000805	0.0848	0.0000102	1.02	1.73	0.013	0.000326	3.42	0.0011	0.00936	0.0000678	0.000124	0.0000536	0.0631	0.00000202	0.0000665	0.000262	0.0015	0.000111
2080 Oct	0.000117	0.000866	0.0861	0.0000101	1.06	1.94	0.0125	0.000407	3.62	0.00113	0.00981	0.0000536	0.000108	0.0000543	0.0673	0.00000199	0.0000756	0.000247	0.00138	0.000155
2080 Nov	0.00012	0.000895	0.0868	0.00000998	1.07	2.02	0.0122	0.000448	3.73	0.00114	0.0101	0.0000461	0.0000971	0.000054	0.0693	0.00000197	0.0000799	0.000238	0.00132	0.000169
2080 Dec	0.000121	0.0009	0.0868	0.00000998	1.07	2.06	0.0123	0.000452	3.74	0.00115	0.0101	0.0000456	0.0000984	0.0000546	0.0696	0.00000197	0.0000807	0.000238	0.00132	0.000181
2081 Jan	0.000121	0.0009	0.0868	0.00000998	1.07	2.06	0.0123	0.000453	3.74	0.00115	0.0101	0.0000456	0.0000986	0.0000547	0.0697	0.00000197	0.0000808	0.000238	0.00132	0.000182
2081 Feb	0.000121	0.0009	0.0868	0.00000998	1.07	2.06	0.0123	0.000453	3.74	0.00115	0.0101	0.0000456	0.0000986	0.0000547	0.0697	0.00000197	0.0000808	0.000238	0.00132	0.000182
2081 Mar	0.000121	0.000901	0.0869	0.00000999	1.07	2.06	0.0123	0.000453	3.74	0.00115	0.0101	0.0000457	0.0000987	0.0000547	0.0697	0.00000197	0.0000808	0.000238	0.00132	0.000182
2081 Apr	0.000122	0.000906	0.0875	0.00001	1.08	2.08	0.0125	0.000455	3.76	0.00116	0.0101	0.0000465	0.0000993	0.0000551	0.0702	0.00000198	0.0000812	0.000241	0.00133	0.000183
2081 May	0.000359	0.00107	0.152	0.0000101	1.55	3.24	0.0562	0.000343	5.47	0.00145	0.0108	0.000452	0.000158	0.0000889	0.12	0.000002	0.0000791	0.000715	0.00155	0.000105
2081 Jun	0.00046	0.00104	0.178	0.00000975	1.68	3.54	0.0767	0.000199	5.85	0.00153	0.0105	0.000652	0.000215	0.000101	0.136	0.00000194	0.0000692	0.000986	0.00179	0.0000383
2081 Jul	0.000452	0.00108	0.18	0.0000105	1.71	3.58	0.0752	0.000209	5.9	0.0016	0.0111	0.000635	0.000232	0.000103	0.136	0.00000209	0.0000732	0.000993	0.00194	0.0000585
2081 Aug	0.000456	0.00114	0.184	0.0000112	1.78	3.76	0.0755	0.000242	6.13	0.00169	0.0116	0.000633	0.000239	0.000108	0.14	0.00000222	0.0000789	0.000993	0.00201	0.000095
2081 Sep	0.000362	0.00108	0.155	0.0000109	1.61	3.36	0.0575	0.000334	5.55	0.00156	0.0111	0.000459	0.000191	0.0000962	0.122	0.00000216	0.0000815	0.000754	0.00176	0.000145
2081 Oct	0.000325	0.00108	0.144	0.0000107	1.54	3.3	0.0502	0.000385	5.32	0.00154	0.0111	0.000387	0.000176	0.0000917	0.116	0.00000212	0.0000861	0.000667	0.00166	0.000199
2081 Nov	0.00029	0.00107	0.134	0.0000105	1.46	3.16	0.0432	0.000423	5.08	0.00148	0.011	0.00032	0.000158	0.0000854	0.109	0.00000207	0.0000881	0.000584	0.00155	0.00022
2081 Dec	0.000287	0.00106	0.133	0.0000105	1.45	3.15	0.0426	0.000427	5.06	0.00147	0.011	0.000314	0.000156	0.000085	0.108	0.00000207	0.0000885	0.000577	0.00154	0.000224
2082 Jan	0.000287	0.00107	0.133	0.0000105	1.45	3.15	0.0426	0.000428	5.06	0.00147	0.011	0.000314	0.000157	0.0000851	0.108	0.00000207	0.0000886	0.000577	0.00154	0.000225
2082 Feb	0.000287	0.00107	0.133	0.0000105	1.45	3.15	0.0426	0.000428	5.06	0.00147	0.011	0.000314	0.000157	0.0000852	0.108	0.00000207	0.0000886	0.000577	0.00154	0.000225
2082 Mar	0.000287	0.00107	0.133	0.0000105	1.46	3.16	0.0427	0.000428	5.06	0.00148	0.011	0.000314	0.000157	0.0000852	0.108	0.00000207	0.0000886	0.000577	0.00154	0.000226
2082 Apr	0.000288	0.00107	0.134	0.0000105	1.46	3.17	0.0428	0.00043	5.08	0.00148	0.011	0.000315	0.000157	0.0000856	0.109	0.00000208	0.000089	0.00058	0.00155	0.000226
2082 May	0.000294	0.00109	0.136	0.0000107	1.49	3.23	0.0437	0.000438	5.19	0.00151	0.0112	0.000322	0.000161	0.0000873	0.111	0.00000212	0.0000907	0.000592	0.00158	0.000231
2082 Jun	0.000146	0.000704	0.093	0.00000978	0.997	1.72	0.0221	0.000183	3.07	0.00111	0.00916	0.000156	0.00021	0.0000544	0.0629	0.00000194	0.0000596	0.000508	0.00189	0.0000886
2082 Jul	0.000105	0.000646	0.085	0.00000995	0.892	1.3	0.0154	0.000125	2.66	0.00102	0.00897	0.000108	0.00021	0.0000455	0.0511	0.00000199	0.0000521	0.00045	0.00196	0.0000339
2082 Aug	0.00011	0.000709	0.0874	0.0000104	0.962	1.47	0.0153	0.00018	2.96	0.00108	0.0093	0.000102	0.000194	0.0000503	0.0562	0.00000207	0.0000571	0.000406	0.0019	0.0000622
2082 Sep	0.000113	0.00076	0.0876	0.0000105	1.01	1.61	0.0147	0.000254	3.21	0.00111	0.00955	0.0000869	0.000169	0.0000523	0.0605	0.00000208	0.000063	0.000362	0.00178	0.0000854
2082 Oct	0.000118	0.00084	0.0871	0.00001	1.04	1.81	0.0128	0.000384	3.53	0.00109	0.00997	0.0000582	0.000118	0.0000501	0.0654	0.00000198	0.0000737	0.000292	0.00147	0.000119
2082 Nov	0.000119	0.000853	0.0873	0.00001	1.05	1.9	0.013	0.000395	3.55	0.00112	0.01	0.0000572	0.000121	0.0000521	0.0665	0.00000199	0.0000759	0.000293	0.00147	0.000151
2082 Dec	0.000119	0.000856	0.0872	0.00001	1.05	1.93	0.0131	0.000397	3.55	0.00113	0.01	0.0000572	0.000123	0.0000528	0.0668	0.00000199	0.0000766	0.000293	0.00147	0.000163
2083 Jan	0.00012	0.000857	0.0872	0.00001	1.05	1.93	0.0131	0.000398	3.55	0.00113	0.01	0.0000572	0.000124	0.0000529	0.0668	0.00000199	0.0000766	0.000294	0.00147	0.000164
2083 Feb	0.00012	0.000857	0.0873	0.0000101	1.05	1.93	0.0131	0.000398	3.55	0.00113	0.01	0.0000572	0.000124	0.0000529	0.0668	0.00000199	0.0000767	0.000294	0.00147	0.000164
2083 Mar	0.00012	0.000858	0.0874	0.0000101	1.05	1.94	0.0131	0.000398	3.56	0.00113	0.01	0.0000573	0.000124	0.000053	0.0669	0.00000199	0.0000768	0.000294	0.00147	0.000165
2083 Apr	0.00012	0.000863	0.0879	0.0000101	1.06	1.95	0.0132	0.0004	3.58	0.00114	0.0101	0.0000576	0.000124	0.0000533	0.0673	0.000002	0.0000772	0.000296	0.00148	0.000165
2083 May	0.000294	0.001	0.135	0.0000102	1.41	2.93	0.045	0.000344	4.88	0.0014	0.0106	0.00035	0.000166	0.0000809	0.105	0.00000201	0.000079	0.000626	0.0016	0.000153
2083 Jun	0.000405	0.000957	0.162	0.00000956	1.54	3.18	0.0678	0.000171	5.25	0.00144	0.01	0.000574	0.00022	0.0000924	0.121	0.00000191	0.0000648	0.000917	0.00182	0.0000451
2083 Jul	0.000317	0.000909	0.142	0.00001	1.38	2.72	0.0521	0.000171	4.6	0.00136	0.00999	0.000435	0.000216	0.0000811	0.103	0.000002	0.0000639	0.000761	0.00187	0.0000704
2083 Aug	0.000234	0.000915	0.123	0.0000103	1.24	2.36	0.036	0.00022	4.22	0.00127	0.00974	0.000297	0.000161	0.0000713	0.0871	0.00000204	0.0000635	0.000498	0.00162	0.000102
2083 Sep	0.000198	0.000937	0.111	0.0000101	1.2	2.33	0.0274	0.000345	4.17	0.00123	0.01	0.000202	0.000126	0.0000655	0.0833	0.000002	0.0000733	0.000392	0.00144	0.000149
2083 Oct	0.000161	0.000953	0.099	0.00000981	1.14	2.21	0.0184	0.000465	4.11	0.00115	0.0104	0.000106	0.0000833	0.0000559	0.0782	0.00000194	0.0000819	0.00029	0.00124	0.000155
2083 Nov	0.000154	0.00096	0.0967	0.00000976	1.14	2.22	0.0169	0.000489	4.1	0.00115	0.0105	0.0000886	0.0000783	0.0000551	0.0775	0.00000193	0.0000842	0.000273	0.00121	0.000173
2083 Dec	0.000155	0.000962	0.0967	0.00000976	1.14	2.24	0.017	0.00049	4.09	0.00115	0.0105	0.0000886	0.0000798	0.0000556	0.0777	0.00000193	0.0000847	0.000273	0.00121	0.000183
2084 Jan	0.000155	0.000962	0.0967	0.00000976	1.14	2.24	0.017	0.000491	4.09	0.00115	0.0105	0.0000886	0.0000798	0.0000556	0.0777	0.00000193	0.0000847	0.000273	0.00121	0.000183

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Feb	0.000155	0.000962	0.0967	0.00000977	1.14	2.24	0.017	0.000491	4.1	0.00115	0.0105	0.0000886	0.0000798	0.0000556	0.0777	0.00000193	0.0000847	0.000273	0.00121	0.000183
2084 Mar	0.000155	0.000963	0.0968	0.00000978	1.14	2.25	0.017	0.000491	4.1	0.00115	0.0105	0.0000887	0.0000799	0.0000557	0.0778	0.00000193	0.0000848	0.000274	0.00121	0.000183
2084 Apr	0.000156	0.000971	0.0976	0.00000986	1.15	2.27	0.0171	0.000495	4.13	0.00116	0.0106	0.0000894	0.0000806	0.0000562	0.0785	0.00000195	0.0000855	0.000276	0.00122	0.000185
2084 May	0.000377	0.0011	0.158	0.00000997	1.58	3.37	0.0588	0.000368	5.66	0.00147	0.011	0.000476	0.000151	0.0000905	0.124	0.00000198	0.0000822	0.000735	0.0015	0.000124
2084 Jun	0.000431	0.00099	0.169	0.00000951	1.59	3.32	0.0721	0.000181	5.51	0.00146	0.0101	0.000613	0.000214	0.0000957	0.128	0.0000019	0.0000659	0.000948	0.00178	0.0000373
2084 Jul	0.000363	0.000963	0.155	0.0000101	1.48	3	0.06	0.000183	5.04	0.00143	0.0103	0.000505	0.000217	0.000088	0.114	0.00000201	0.0000663	0.000834	0.00186	0.0000637
2084 Aug	0.000332	0.000981	0.147	0.0000105	1.47	2.94	0.0538	0.000227	4.98	0.00144	0.0104	0.000444	0.000201	0.0000871	0.11	0.00000208	0.0000694	0.000737	0.00181	0.000102
2084 Sep	0.000271	0.000958	0.128	0.0000103	1.37	2.76	0.0419	0.000316	4.69	0.00137	0.0101	0.000324	0.000163	0.0000806	0.0999	0.00000204	0.0000735	0.000568	0.00161	0.000158
2084 Oct	0.000217	0.000967	0.113	0.00001	1.27	2.55	0.0301	0.000417	4.45	0.00127	0.0103	0.000209	0.000121	0.000069	0.0903	0.00000198	0.0000806	0.000429	0.0014	0.00018
2084 Nov	0.000202	0.00097	0.109	0.00000996	1.24	2.49	0.0266	0.000446	4.38	0.00125	0.0104	0.000175	0.000109	0.0000655	0.0876	0.00000196	0.0000826	0.000389	0.00135	0.000184
2084 Dec	0.000202	0.000971	0.109	0.00000996	1.24	2.5	0.0267	0.000448	4.38	0.00125	0.0104	0.000175	0.00011	0.000066	0.0877	0.00000197	0.000083	0.000389	0.00135	0.000192
2085 Jan	0.000202	0.000972	0.108	0.00000996	1.24	2.51	0.0267	0.000448	4.38	0.00125	0.0104	0.000175	0.00011	0.0000662	0.0878	0.00000196	0.0000832	0.000389	0.00135	0.000197
2085 Feb	0.000202	0.000972	0.108	0.00000997	1.24	2.52	0.0267	0.000449	4.38	0.00126	0.0104	0.000175	0.000111	0.0000663	0.0878	0.00000196	0.0000832	0.000389	0.00135	0.000198
2085 Mar	0.000202	0.000973	0.109	0.00000997	1.24	2.52	0.0267	0.000449	4.38	0.00126	0.0104	0.000175	0.000111	0.0000663	0.0879	0.00000197	0.0000833	0.000389	0.00135	0.000198
2085 Apr	0.000203	0.000977	0.109	0.00001	1.25	2.53	0.0268	0.000451	4.4	0.00126	0.0105	0.000176	0.000111	0.0000666	0.0883	0.00000197	0.0000836	0.000391	0.00135	0.000199
2085 May	0.000396	0.0011	0.162	0.00001	1.62	3.49	0.0628	0.000346	5.75	0.00151	0.0109	0.000512	0.000166	0.0000954	0.128	0.00000199	0.0000812	0.000784	0.00156	0.000139
2085 Jun	0.000489	0.00109	0.187	0.0000099	1.76	3.76	0.0817	0.000214	6.16	0.00159	0.0108	0.000696	0.000216	0.000107	0.143	0.00000197	0.0000721	0.00103	0.0018	0.0000525
2085 Jul	0.000448	0.0011	0.18	0.0000105	1.71	3.61	0.074	0.000223	5.93	0.00159	0.011	0.000628	0.000218	0.000103	0.136	0.00000208	0.000074	0.00095	0.00185	0.0000874
2085 Aug	0.000326	0.00101	0.143	0.0000103	1.48	3.03	0.0518	0.00029	5.13	0.00144	0.0102	0.00042	0.000165	0.000089	0.112	0.00000205	0.0000721	0.000645	0.0016	0.000142
2085 Sep	0.00023	0.000968	0.114	0.00001	1.31	2.65	0.0328	0.000411	4.58	0.00131	0.00998	0.000233	0.000115	0.0000744	0.0939	0.00000198	0.0000784	0.000418	0.00136	0.000199
2085 Oct	0.000194	0.000973	0.104	0.00000986	1.23	2.53	0.025	0.000474	4.37	0.00125	0.0102	0.000156	0.000096	0.0000667	0.0872	0.00000194	0.000084	0.000341	0.00125	0.00023
2085 Nov	0.00018	0.000975	0.101	0.00000978	1.2	2.48	0.022	0.000497	4.3	0.00123	0.0103	0.000127	0.0000881	0.0000636	0.0845	0.00000192	0.000086	0.000311	0.00121	0.000239
2085 Dec	0.00018	0.000976	0.101	0.00000979	1.21	2.49	0.022	0.000498	4.29	0.00123	0.0103	0.000127	0.000089	0.0000639	0.0846	0.00000192	0.0000863	0.000311	0.00121	0.000245
2086 Jan	0.00018	0.000976	0.101	0.00000979	1.21	2.5	0.022	0.000498	4.29	0.00123	0.0103	0.000127	0.0000891	0.0000639	0.0846	0.00000192	0.0000863	0.000311	0.00121	0.000246
2086 Feb	0.00018	0.000976	0.101	0.00000979	1.21	2.5	0.022	0.000498	4.29	0.00123	0.0103	0.000127	0.0000891	0.000064	0.0846	0.00000192	0.0000863	0.000311	0.00121	0.000246
2086 Mar	0.00018	0.000977	0.101	0.00000979	1.21	2.5	0.022	0.000498	4.3	0.00123	0.0103	0.000127	0.0000892	0.000064	0.0847	0.00000192	0.0000864	0.000312	0.00121	0.000246
2086 Apr	0.000181	0.000983	0.101	0.00000985	1.21	2.51	0.0222	0.000501	4.32	0.00124	0.0104	0.000128	0.0000897	0.0000644	0.0852	0.00000193	0.0000869	0.000314	0.00122	0.000248
2086 May	0.000257	0.00104	0.123	0.00001	1.37	2.91	0.0363	0.000463	4.89	0.00135	0.0107	0.000259	0.000115	0.0000763	0.101	0.00000197	0.0000869	0.000473	0.00133	0.000225
2086 Jun	0.000287	0.000829	0.131	0.00000962	1.28	2.44	0.0471	0.000163	4.23	0.00127	0.00958	0.000387	0.000214	0.0000736	0.0939	0.00000192	0.0000605	0.000736	0.00186	0.0000468
2086 Jul	0.000211	0.000791	0.114	0.0000103	1.15	2.07	0.0336	0.000158	3.66	0.00123	0.00971	0.000267	0.000223	0.0000649	0.0778	0.00000204	0.0000605	0.000619	0.00198	0.0000793
2086 Aug	0.000188	0.000835	0.108	0.0000105	1.16	2.13	0.0285	0.000223	3.73	0.00125	0.00966	0.000216	0.000191	0.0000665	0.0768	0.00000208	0.0000646	0.000491	0.0018	0.000147
2086 Sep	0.000159	0.000857	0.0961	0.0000103	1.14	2.16	0.0218	0.000346	3.81	0.00122	0.00953	0.000138	0.00014	0.0000649	0.0756	0.00000202	0.0000715	0.000351	0.00153	0.000203
2086 Oct	0.000155	0.000893	0.0948	0.0000102	1.15	2.28	0.0201	0.000399	3.87	0.00124	0.00978	0.000116	0.000131	0.0000649	0.0766	0.000002	0.0000779	0.000327	0.00145	0.00026
2086 Nov	0.000156	0.000899	0.095	0.0000103	1.15	2.32	0.0202	0.000403	3.88	0.00126	0.00981	0.000116	0.000133	0.0000658	0.0771	0.00000201	0.0000787	0.000328	0.00146	0.000275
2086 Dec	0.000156	0.000901	0.095	0.0000103	1.15	2.33	0.0202	0.000404	3.88	0.00126	0.00981	0.000116	0.000134	0.0000662	0.0772	0.00000201	0.0000791	0.000329	0.00146	0.000283
2087 Jan	0.000156	0.000901	0.095	0.0000103	1.15	2.34	0.0202	0.000404	3.88	0.00126	0.00981	0.000116	0.000134	0.0000662	0.0773	0.00000201	0.0000792	0.000329	0.00146	0.000284
2087 Feb	0.000156	0.000901	0.095	0.0000103	1.15	2.34	0.0203	0.000404	3.88	0.00126	0.00981	0.000116	0.000134	0.0000663	0.0773	0.00000201	0.0000792	0.000329	0.00146	0.000284
2087 Mar	0.000156	0.000902	0.0951	0.0000103	1.16	2.34	0.0203	0.000405	3.88	0.00127	0.00982	0.000116	0.000135	0.0000664	0.0774	0.00000201	0.0000793	0.000329	0.00146	0.000285
2087 Apr	0.000157	0.000905	0.0954	0.0000103	1.16	2.35	0.0203	0.000406	3.9	0.00127	0.00985	0.000116	0.000135	0.0000666	0.0776	0.00000202	0.0000795	0.00033	0.00146	0.000286
2087 May	0.00027	0.000987	0.127	0.0000103	1.38	2.88	0.0409	0.00036	4.74	0.0014	0.0103	0.000308	0.000157	0.0000813	0.101	0.00000202	0.0000789	0.000552	0.00155	0.000224
2087 Jun	0.000434	0.00102	0.172	0.00000989	1.63	3.39	0.0724	0.000196	5.64	0.00151	0.0105	0.000613	0.000217	0.0000979	0.13	0.00000197	0.0000684	0.000951	0.00183	0.0000483
2087 Jul	0.000353	0.000989	0.154	0.0000103	1.48	3	0.0576	0.000201	5.06	0.00144	0.0104	0.000485	0.000205	0.000088	0.113	0.00000204	0.0000677	0.000781	0.00181	0.0000919
2087 Aug	0.00033	0.00102	0.15	0.0000108	1.48	2.99	0.0529	0.000232	5.04	0.00146	0.0106	0.000441	0.000196	0.000088	0.11	0.00000213	0.0000708	0.000708	0.00179	0.00013
2087 Sep	0.000303	0.00104	0.142	0.0000108	1.45	3	0.0471	0.0003	4.98	0.00147	0.0108	0.000379	0.000182	0.0000863	0.107	0.00000214	0.0000772	0.000635	0.00171	0.000197
2087 Oct	0.000266	0.00103	0.13	0.0000106	1.39	2.91	0.0396	0.000366	4.78	0.00142	0.0108	0.000302	0.000159	0.0000804	0.101	0.00000209	0.000082	0.000545	0.00158	0.000243
2087 Nov	0.000252	0.00103	0.126	0.0000105	1.36	2.84	0.0367	0.000389	4.71	0.00139	0.0108	0.000273	0.000149	0.0000774	0.0985	0.00000207	0.0000832	0.00051	0.00153	0.000244
2087 Dec	0.000253	0.00103	0.126	0.0000105	1.36	2.87	0.0367	0.000391	4.7	0.0014	0.0108	0.000273	0.000151	0.0000781	0.0987	0.00000207	0.0000838	0.00051	0.00153	0.000258
2088 Jan	0.000253	0.00103	0.126	0.0000105	1.36	2.88	0.0367	0.000391	4.7	0.0014	0.0108	0.000273	0.000151	0.0000782	0.0987	0.00000207	0.0000839	0.000511	0.00153	0.000261
2088 Feb	0.000253	0.00103	0.126	0.0000105	1.36	2.88	0.0367	0.000391	4.71	0.0014	0.0108	0.000273	0.000151	0.0000782	0.0987	0.00000207	0.0000839	0.000511	0.00153	0.000261
2088 Mar	0.000253	0.00103	0.126	0.0000105	1.36	2.88	0.0368	0.000392	4.71	0.0014	0.0108	0.000273	0.000151	0.0000783	0.0989	0.00000207	0.000084	0.000511	0.00153	0.000261
2088 Apr	0.000256	0.00105	0.128	0.0000107	1.38	2.92	0.0373	0.000396	4.77	0.00142	0.0109	0.000277	0.000153	0.0000793	0.1	0.00000209	0.000085	0.000518	0.00155	0.000264
2088 May	0.000278	0.00109	0.135	0.0000109	1.44	3.08	0.041	0.000404	5.01	0.00148	0.0112	0.000298	0.000159	0.0000825	0.106	0.00000214	0.0000874	0.000558	0.00159	0.000268
2088 Jun	0.000165	0.000727	0.1	0.00000998	1.04	1.75	0.0254	0.000169	3.25	0.00113	0.00941	0.000187	0.000211	0.0000555	0.0668	0.00000199	0.0000586	0.000544	0.00193	0.0000662
2088 Jul	0.000139	0.000711	0.0961	0.0000105	1.01	1.61	0.0212	0.00015	3.04	0.00114	0.00964	0.000152	0.000231	0.0000534	0.0612	0.00000209	0.0000585	0.000535	0.00209	0.0000725
2088 Aug	0.000146	0.00078	0.101	0.0000112	1.09	1.81	0.0219	0.000188	3.32	0.00124	0.0102	0.000152	0.000235	0.0000593	0.0666	0.00000223	0.0000647	0.000532	0.00215	0.000119
2088 Sep	0.000146	0.000819	0.1	0.0000113	1.12	1.97	0.0211	0.000246	3.46	0.00128	0.0103	0.000137	0.000221	0.0000623	0.0695	0.00000223	0.0000702	0.000492	0.00205	0.000184
2088 Oct	0.000136	0.000876	0.0943	0.0000104	1.1	1.98	0.0161	0.000385	3.69	0.00117	0.0105	0.0000841	0.000141	0.0000545	0.0705	0.00000206	0.0000777	0.00036	0.0016	0.000171
2088 Nov	0.000135	0.000892	0.0935	0.0000103	1.1	1.99	0.0151	0.000417	3.76	0.00115	0.0105	0.0000733	0.000123	0.0000529	0.071	0.00000204	0.0000795	0.000333	0.00152	0.000164
2088 Dec	0.000135	0.000894	0.0935	0.0000103	1.1	2	0.0152	0.000418	3.76	0.00116	0.0105	0.0000733	0.000125	0.0000534	0.0712	0.00000204	0.0000799	0.000333	0.00152	0.000173
2089 Jan	0.000135	0.000894	0.0935	0.0000103	1.1	2.01	0.0152	0.000418	3.76	0.00116	0.0105	0.0000733	0.000125	0.0000534	0.0712	0.00000204	0.0000799	0.000333	0.00152	0.000174
2089 Feb	0.000135	0.000894	0.0935	0.0000103	1.1	2.01	0.0152	0.000418	3.76	0.00116	0.0105	0.0000733	0.000125	0.0000534	0.0712	0.00000204	0.0000799	0.000333	0.00152	0.000174
2089 Mar	0.000135	0.000896	0.0937	0.0000103	1.1	2.01	0.0152	0.000419	3.77	0.00116	0.0106	0.0000734	0.000125	0.0000535	0.0713	0.00000204	0.00008	0.000334	0.00152	0.000174
2089 Apr	0.000136	0.000903	0.0944	0.0000104	1.11	2.02	0.0153	0.000422	3.8	0.00117	0.0106	0.000074	0.000126	0.0000539	0.0719	0.00000206	0.0000806	0.000336	0.00153	0.000175
2089 May	0.000292	0.00101	0.136	0.0000104	1.42	2.83	0.044	0.000357	4.95	0.00137	0.011	0.000339	0.000158	0.0000772	0.105	0.00000205	0.0000795	0.000629	0.00163	0.000126
2089 Jun	0.000478	0.00108	0.185	0.00001	1.74	3.65	0.0797	0.000206	6.06	0.00157	0.0108	0.000679	0.00022	0.000104	0.141	0.000002	0.0000712	0.00102	0.00184	0.0000411
2089 Jul	0.000397	0.00105	0.166	0.0000104	1.59	3.31	0.065	0.000215	5.48	0.00152	0.0107	0.000551	0.000209	0.0000955	0.124	0.00000207	0.0000714	0.000851	0.00181	0.00011
2089 Aug	0.000341	0.00106	0.154	0.0000108	1.51	3.13	0.0546	0.000242	5.19	0.0015	0.0107	0.000459	0.000191	0.000091	0.114	0.00000214	0.0000731	0.000701	0.00173	0.000174

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Sep	0.000296	0.00106	0.14	0.0000107	1.44	3.05	0.0454	0.000325	4.96	0.00146	0.0107	0.000363	0.000168	0.0000858	0.107	0.0000021	0.0000793	0.000591	0.00161	0.000249
2089 Oct	0.000206	0.001	0.112	0.00001	1.25	2.54	0.0267	0.000454	4.45	0.00125	0.0107	0.00018	0.000103	0.0000652	0.0887	0.00000197	0.0000844	0.000381	0.00131	0.000226
2089 Nov	0.000197	0.001	0.109	0.00001	1.23	2.5	0.0249	0.00047	4.42	0.00124	0.0107	0.000162	0.0000968	0.0000634	0.0872	0.00000197	0.0000855	0.000361	0.00128	0.000226
2089 Dec	0.000197	0.00101	0.109	0.00001	1.24	2.51	0.0249	0.000471	4.42	0.00124	0.0107	0.000162	0.0000979	0.0000638	0.0874	0.00000197	0.0000858	0.000361	0.00129	0.000234
2090 Jan	0.000197	0.00101	0.109	0.00001	1.24	2.52	0.0249	0.000472	4.42	0.00124	0.0107	0.000162	0.0000981	0.0000639	0.0874	0.00000197	0.0000859	0.000362	0.00129	0.000236
2090 Feb	0.000197	0.00101	0.109	0.00001	1.24	2.52	0.025	0.000472	4.42	0.00124	0.0107	0.000162	0.0000981	0.0000639	0.0875	0.00000197	0.0000859	0.000362	0.00129	0.000236
2090 Mar	0.000198	0.00101	0.11	0.00001	1.24	2.52	0.025	0.000472	4.43	0.00125	0.0107	0.000162	0.0000982	0.000064	0.0876	0.00000197	0.000086	0.000362	0.00129	0.000236
2090 Apr	0.000198	0.00101	0.11	0.0000101	1.24	2.53	0.0251	0.000474	4.44	0.00125	0.0108	0.000163	0.0000987	0.0000643	0.088	0.00000198	0.0000864	0.000364	0.00129	0.000237
2090 May	0.000232	0.00104	0.119	0.0000102	1.32	2.75	0.0312	0.000465	4.7	0.00132	0.011	0.000218	0.000112	0.0000707	0.0956	0.00000201	0.0000877	0.000432	0.00135	0.000252
2090 Jun	0.000317	0.000869	0.139	0.00000967	1.35	2.66	0.0522	0.00017	4.49	0.00132	0.00975	0.000432	0.000218	0.000079	0.101	0.00000192	0.0000627	0.000781	0.00186	0.0000733
2090 Jul	0.000244	0.000825	0.123	0.0000102	1.22	2.27	0.0394	0.000163	3.95	0.00127	0.00984	0.000318	0.000224	0.0000698	0.0854	0.00000203	0.0000619	0.000671	0.00196	0.0000897
2090 Aug	0.000168	0.000815	0.0972	0.0000101	1.14	1.99	0.0241	0.000302	3.84	0.00117	0.00911	0.000166	0.00013	0.0000636	0.0756	0.000002	0.0000634	0.000357	0.00151	0.000128
2090 Sep	0.000145	0.000864	0.0903	0.00000988	1.12	2.01	0.0175	0.000418	3.9	0.00113	0.00956	0.0000955	0.0000896	0.0000577	0.074	0.00000195	0.000073	0.000266	0.0013	0.000168
2090 Oct	0.000133	0.000924	0.0894	0.00000968	1.1	1.97	0.0126	0.000512	4.01	0.00106	0.0104	0.0000466	0.0000541	0.0000486	0.073	0.00000192	0.0000818	0.00022	0.00115	0.000137
2090 Nov	0.000131	0.000929	0.0889	0.00000963	1.09	1.97	0.012	0.000522	4.01	0.00105	0.0104	0.0000408	0.0000511	0.0000478	0.0727	0.0000019	0.0000828	0.000214	0.00113	0.000144
2090 Dec	0.000131	0.00093	0.0888	0.00000963	1.09	1.99	0.0121	0.000523	4	0.00106	0.0104	0.0000408	0.0000525	0.0000483	0.0729	0.0000019	0.0000833	0.000214	0.00113	0.000155
2091 Jan	0.000131	0.000931	0.0888	0.00000963	1.09	2	0.0121	0.000524	4	0.00106	0.0104	0.0000408	0.000053	0.0000484	0.073	0.0000019	0.0000834	0.000215	0.00113	0.00016
2091 Feb	0.000131	0.000931	0.0888	0.00000963	1.09	2	0.0121	0.000524	4	0.00106	0.0104	0.0000408	0.0000531	0.0000485	0.073	0.0000019	0.0000834	0.000215	0.00113	0.000161
2091 Mar	0.000132	0.000933	0.089	0.00000966	1.1	2	0.0121	0.000525	4.01	0.00107	0.0104	0.0000409	0.0000532	0.0000486	0.0731	0.00000191	0.0000836	0.000215	0.00113	0.000161
2091 Apr	0.000133	0.000941	0.0898	0.00000974	1.11	2.02	0.0122	0.00053	4.05	0.00108	0.0105	0.0000412	0.0000537	0.000049	0.0738	0.00000192	0.0000843	0.000217	0.00114	0.000162
2091 May	0.000227	0.00101	0.117	0.00000994	1.3	2.53	0.03	0.000479	4.73	0.00123	0.0109	0.000205	0.0000867	0.0000645	0.094	0.00000197	0.0000842	0.000414	0.00128	0.000142
2091 Jun	0.000417	0.000988	0.167	0.00000973	1.58	3.23	0.0692	0.000189	5.45	0.00145	0.0103	0.000586	0.000213	0.0000934	0.125	0.00000194	0.0000666	0.000926	0.00181	0.0000359
2091 Jul	0.000373	0.000984	0.159	0.0000105	1.53	3.06	0.0615	0.000192	5.17	0.00147	0.0107	0.000515	0.000228	0.00009	0.117	0.00000208	0.0000688	0.000874	0.00196	0.0000741
2091 Aug	0.000273	0.000929	0.128	0.0000104	1.36	2.63	0.0427	0.000278	4.64	0.00134	0.0099	0.000337	0.000165	0.0000794	0.0986	0.00000205	0.0000684	0.00058	0.00165	0.000138
2091 Sep	0.000206	0.000901	0.106	0.0000102	1.26	2.42	0.0298	0.000377	4.33	0.00127	0.00952	0.000205	0.000121	0.0000727	0.088	0.00000201	0.0000725	0.000389	0.00143	0.000214
2091 Oct	0.000178	0.000922	0.0991	0.00000994	1.2	2.34	0.023	0.000445	4.2	0.00121	0.00986	0.00014	0.0000976	0.0000647	0.0828	0.00000195	0.0000788	0.000322	0.00129	0.000243
2091 Nov	0.00016	0.000932	0.0952	0.00000977	1.16	2.22	0.0186	0.000485	4.13	0.00115	0.0101	0.0000987	0.0000777	0.0000579	0.0792	0.00000192	0.0000817	0.000278	0.00121	0.000219
2091 Dec	0.00016	0.000934	0.0951	0.00000978	1.16	2.24	0.0185	0.000487	4.13	0.00116	0.0102	0.0000978	0.0000782	0.0000581	0.0792	0.00000192	0.0000821	0.000278	0.00121	0.000226
2092 Jan	0.00016	0.000935	0.095	0.00000978	1.16	2.25	0.0186	0.000488	4.13	0.00116	0.0101	0.0000977	0.0000792	0.0000585	0.0793	0.00000192	0.0000823	0.000278	0.00121	0.000235
2092 Feb	0.00016	0.000935	0.0951	0.00000978	1.16	2.25	0.0186	0.000488	4.13	0.00116	0.0101	0.0000977	0.0000794	0.0000585	0.0794	0.00000192	0.0000824	0.000278	0.00121	0.000237
2092 Mar	0.00016	0.000938	0.0953	0.00000981	1.16	2.26	0.0186	0.00049	4.14	0.00117	0.0102	0.000098	0.0000796	0.0000587	0.0796	0.00000192	0.0000826	0.000279	0.00121	0.000237
2092 Apr	0.000162	0.000944	0.096	0.00000988	1.17	2.28	0.0187	0.000493	4.17	0.00117	0.0102	0.0000987	0.0000802	0.0000591	0.0802	0.00000194	0.0000832	0.000281	0.00122	0.000239
2092 May	0.000266	0.00102	0.125	0.00001	1.38	2.83	0.0381	0.00044	4.92	0.00133	0.0106	0.000278	0.000115	0.0000756	0.102	0.00000197	0.0000833	0.000498	0.00136	0.000217
2092 Jun	0.000336	0.000865	0.143	0.00000942	1.37	2.71	0.0558	0.000155	4.6	0.00132	0.00958	0.000467	0.000215	0.0000804	0.104	0.00000188	0.0000604	0.000811	0.00182	0.0000467
2092 Jul	0.000227	0.000784	0.117	0.0000099	1.16	2.14	0.0368	0.000149	3.71	0.00122	0.00942	0.000297	0.00022	0.0000666	0.0804	0.00000196	0.000059	0.00064	0.00191	0.000104
2092 Aug	0.000222	0.000834	0.116	0.0000104	1.21	2.3	0.0353	0.0002	3.88	0.00129	0.00972	0.000275	0.000214	0.0000712	0.0831	0.00000205	0.0000648	0.000597	0.0019	0.000184
2092 Sep	0.000197	0.00086	0.106	0.0000104	1.2	2.43	0.0298	0.000293	3.87	0.00132	0.00955	0.000211	0.000187	0.000073	0.0821	0.00000202	0.0000722	0.000485	0.00171	0.000327
2092 Oct	0.000183	0.000894	0.102	0.0000102	1.18	2.51	0.026	0.000362	3.88	0.00132	0.00974	0.000169	0.000167	0.0000711	0.0813	0.00000198	0.0000789	0.000426	0.00157	0.000401
2092 Nov	0.00018	0.000905	0.101	0.0000102	1.18	2.56	0.0253	0.000379	3.88	0.00133	0.00978	0.00016	0.000164	0.0000715	0.0814	0.00000197	0.000081	0.000414	0.00154	0.000436
2092 Dec	0.00018	0.000906	0.101	0.0000102	1.18	2.57	0.0253	0.00038	3.88	0.00133	0.00979	0.00016	0.000165	0.0000717	0.0815	0.00000197	0.0000812	0.000415	0.00154	0.000441
2093 Jan	0.00018	0.000907	0.101	0.0000102	1.18	2.57	0.0253	0.000381	3.88	0.00133	0.00979	0.00016	0.000165	0.0000718	0.0815	0.00000197	0.0000813	0.000415	0.00154	0.000444
2093 Feb	0.00018	0.000907	0.101	0.0000102	1.18	2.57	0.0253	0.000381	3.88	0.00133	0.00979	0.00016	0.000165	0.0000719	0.0816	0.00000197	0.0000813	0.000415	0.00154	0.000445
2093 Mar	0.000181	0.000911	0.101	0.0000103	1.19	2.59	0.0254	0.000382	3.9	0.00134	0.00982	0.00016	0.000166	0.0000722	0.0819	0.00000198	0.0000817	0.000417	0.00155	0.000449
2093 Apr	0.000182	0.000918	0.102	0.0000103	1.2	2.61	0.0256	0.000385	3.93	0.00135	0.0099	0.000162	0.000168	0.0000728	0.0825	0.000002	0.0000823	0.00042	0.00156	0.000453
2093 May	0.000281	0.001	0.13	0.0000104	1.4	3.1	0.0435	0.000354	4.71	0.00147	0.0103	0.000327	0.000185	0.0000865	0.104	0.00000202	0.0000827	0.000607	0.00163	0.000392
2093 Jun	0.000395	0.000957	0.16	0.00000973	1.53	3.12	0.0658	0.000177	5.21	0.00143	0.0101	0.000555	0.000219	0.0000911	0.12	0.00000194	0.0000653	0.000899	0.00184	0.0000626
2093 Jul	0.000332	0.000937	0.148	0.0000103	1.43	2.81	0.0545	0.00018	4.79	0.0014	0.0103	0.000456	0.000219	0.0000837	0.107	0.00000205	0.0000656	0.000789	0.0019	0.0000905
2093 Aug	0.000307	0.000966	0.142	0.0000107	1.42	2.81	0.0494	0.000218	4.76	0.00142	0.0104	0.000406	0.000206	0.0000839	0.104	0.00000211	0.000069	0.000702	0.00185	0.000158
2093 Sep	0.000264	0.000972	0.129	0.0000106	1.35	2.72	0.0404	0.000307	4.6	0.00138	0.0104	0.000314	0.000173	0.0000783	0.0978	0.00000208	0.0000751	0.000579	0.00168	0.000228
2093 Oct	0.000189	0.000958	0.106	0.00000995	1.2	2.34	0.0241	0.000442	4.27	0.00119	0.0105	0.000156	0.000102	0.0000605	0.0839	0.00000196	0.0000815	0.000373	0.00134	0.000211
2093 Nov	0.000169	0.000964	0.101	0.00000987	1.17	2.24	0.0195	0.000486	4.21	0.00115	0.0107	0.000111	0.0000816	0.0000556	0.0806	0.00000194	0.000084	0.000315	0.00125	0.000201
2093 Dec	0.000169	0.000965	0.101	0.00000988	1.17	2.25	0.0195	0.000487	4.22	0.00115	0.0107	0.000111	0.0000823	0.0000558	0.0807	0.00000194	0.0000842	0.000316	0.00125	0.000207
2094 Jan	0.000169	0.000966	0.101	0.00000988	1.17	2.26	0.0196	0.000488	4.21	0.00116	0.0107	0.000111	0.0000827	0.000056	0.0808	0.00000194	0.0000844	0.000316	0.00125	0.000212
2094 Feb	0.00017	0.000966	0.101	0.00000988	1.17	2.26	0.0196	0.000488	4.21	0.00116	0.0107	0.000111	0.0000829	0.0000561	0.0808	0.00000194	0.0000844	0.000316	0.00125	0.000213
2094 Mar	0.00017	0.000968	0.101	0.0000099	1.17	2.26	0.0196	0.000489	4.22	0.00116	0.0107	0.000112	0.000083	0.0000562	0.0809	0.00000195	0.0000846	0.000317	0.00125	0.000214
2094 Apr	0.000171	0.000973	0.102	0.00000995	1.18	2.27	0.0197	0.000491	4.24	0.00116	0.0107	0.000112	0.0000835	0.0000565	0.0813	0.00000196	0.000085	0.000318	0.00126	0.000215
2094 May	0.000315	0.00106	0.14	0.00000995	1.46	3.02	0.047	0.000404	5.22	0.00137	0.0109	0.000366	0.00013	0.0000795	0.111	0.00000196	0.0000827	0.000614	0.00143	0.000178
2094 Jun	0.000486	0.0011	0.187	0.00001	1.76	3.76	0.081	0.000221	6.15	0.0016	0.0109	0.000688	0.000218	0.000106	0.143	0.00000199	0.0000732	0.00103	0.00181	0.0000828
2094 Jul	0.00046	0.00113	0.184	0.0000108	1.76	3.72	0.0761	0.000232	6.06	0.00165	0.0114	0.000643	0.00023	0.000106	0.14	0.00000214	0.0000768	0.000991	0.00193	0.000135
2094 Aug	0.000461	0.00119	0.188	0.0000116	1.82	3.94	0.0759	0.000267	6.25	0.00176	0.0119	0.000635	0.000241	0.000112	0.143	0.00000227	0.0000838	0.000981	0.002	0.000242
2094 Sep	0.00037	0.00114	0.16	0.0000112	1.64	3.52	0.0583	0.000358	5.66	0.00161	0.0116	0.000466	0.000193	0.0000974	0.125	0.00000218	0.000087	0.000767	0.00176	0.000296
2094 Oct	0.000276	0.00107	0.132	0.0000105	1.42	3.02	0.0398	0.000441	5	0.00141	0.0112	0.000293	0.000139	0.0000791	0.105	0.00000205	0.0000887	0.000547	0.00148	0.000315
2094 Nov	0.000211	0.00102	0.112	0.0000101	1.28	2.63	0.0271	0.000496	4.56	0.00127	0.0109	0.000175	0.0001	0.0000657	0.0914	0.00000197	0.0000891	0.000396	0.0013	0.000299
2094 Dec	0.000208	0.00102	0.112	0.0000101	1.27	2.62	0.0265	0.000499	4.54	0.00126	0.0109	0.00017	0.0000984	0.0000651	0.0908	0.00000196	0.0000891	0.000389	0.00129	0.000302
2095 Jan	0.000208	0.00102	0.111	0.0000101	1.27	2.63	0.0266	0.0005	4.54	0.00127	0.0109	0.00017	0.0000991	0.0000654	0.0908	0.00000196	0.0000893	0.000389	0.00129	0.000308
2095 Feb	0.000208	0.00102	0.111	0.0000101	1.27	2.63	0.0266	0.0005	4.54	0.00127	0.0109	0.00017	0.0000992	0.0000654	0.0909	0.00000196	0.0000894	0.000389	0.00129	0.000309
2095 Mar	0.000209	0.00102	0.112	0.0000101	1.27	2.63	0.0266	0.000501	4.54	0.00127	0.0109	0.00017	0.0000994	0.0000655	0.091	0.00000196	0.0000895	0.00039	0.00129	0.000311

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.00021	0.00103	0.112	0.0000101	1.28	2.65	0.0268	0.000504	4.57	0.00128	0.011	0.000171	0.0001	0.0000659	0.0916	0.00000198	0.0000901	0.000392	0.0013	0.000313
2095 May	0.000368	0.00111	0.155	0.0000101	1.58	3.37	0.0567	0.000394	5.63	0.00147	0.0112	0.000453	0.000147	0.0000891	0.123	0.00000198	0.0000848	0.000718	0.00149	0.000206
2095 Jun	0.000517	0.00116	0.196	0.0000102	1.85	3.98	0.0857	0.00025	6.54	0.00166	0.0113	0.000729	0.000212	0.000111	0.152	0.00000203	0.0000772	0.00106	0.00179	0.000081
2095 Jul	0.000488	0.00119	0.194	0.0000109	1.84	3.88	0.0801	0.00026	6.46	0.00168	0.0118	0.000681	0.000213	0.000109	0.147	0.00000217	0.0000793	0.001	0.00186	0.000104
2095 Aug	0.000352	0.00106	0.154	0.0000106	1.55	3.13	0.0557	0.000296	5.45	0.00146	0.0106	0.00046	0.000159	0.0000909	0.118	0.0000021	0.0000735	0.00068	0.00161	0.000146
2095 Sep	0.000277	0.001	0.129	0.0000105	1.42	2.82	0.0419	0.000367	4.98	0.00138	0.0101	0.000322	0.000128	0.0000828	0.104	0.00000207	0.0000749	0.000502	0.00146	0.000217
2095 Oct	0.000258	0.00101	0.123	0.0000104	1.39	2.83	0.0379	0.000402	4.85	0.00137	0.0102	0.00028	0.000123	0.0000805	0.101	0.00000204	0.0000791	0.000463	0.00141	0.000291
2095 Nov	0.000222	0.000996	0.114	0.0000102	1.31	2.63	0.0304	0.000448	4.62	0.00129	0.0103	0.000209	0.000103	0.0000716	0.0934	0.00000199	0.000082	0.000391	0.00131	0.000287
2095 Dec	0.000219	0.000995	0.113	0.0000102	1.3	2.62	0.0297	0.000453	4.6	0.00129	0.0103	0.000202	0.000101	0.0000709	0.0928	0.00000199	0.0000824	0.000384	0.0013	0.000291
2096 Jan	0.000219	0.000996	0.113	0.0000102	1.3	2.63	0.0297	0.000454	4.6	0.00129	0.0103	0.000202	0.000102	0.0000711	0.0928	0.00000199	0.0000826	0.000384	0.0013	0.000298
2096 Feb	0.000219	0.000997	0.113	0.0000102	1.3	2.63	0.0297	0.000454	4.6	0.00129	0.0103	0.000202	0.000102	0.0000712	0.0929	0.00000199	0.0000827	0.000384	0.0013	0.000299
2096 Mar	0.000219	0.000998	0.113	0.0000102	1.3	2.64	0.0298	0.000455	4.6	0.00129	0.0104	0.000202	0.000102	0.0000713	0.093	0.00000199	0.0000828	0.000385	0.00131	0.0003
2096 Apr	0.00022	0.001	0.113	0.0000103	1.31	2.65	0.0299	0.000458	4.63	0.0013	0.0104	0.000204	0.000103	0.0000717	0.0936	0.00000201	0.0000833	0.000387	0.00131	0.000302
2096 May	0.000306	0.00107	0.137	0.0000103	1.48	3.13	0.0459	0.000416	5.22	0.00143	0.0107	0.000351	0.000133	0.0000854	0.112	0.00000202	0.0000839	0.000569	0.00142	0.0003
2096 Jun	0.000229	0.000743	0.114	0.00000948	1.14	2.04	0.0373	0.00014	3.64	0.00117	0.00913	0.0003	0.000214	0.0000637	0.0791	0.00000189	0.000056	0.000653	0.00188	0.0000573
2096 Jul	0.00018	0.000734	0.105	0.0000101	1.07	1.82	0.0286	0.00014	3.32	0.00116	0.00943	0.000223	0.000224	0.0000588	0.0695	0.00000201	0.0000572	0.000584	0.00199	0.0000894
2096 Aug	0.000183	0.000792	0.108	0.0000108	1.14	1.98	0.0284	0.000184	3.56	0.00124	0.00987	0.000215	0.000221	0.0000636	0.0738	0.00000213	0.0000626	0.000563	0.00202	0.000147
2096 Sep	0.000164	0.000841	0.101	0.0000105	1.13	2.02	0.0227	0.000306	3.72	0.0012	0.01	0.000151	0.000165	0.00006	0.0739	0.00000206	0.0000705	0.000437	0.00172	0.000196
2096 Oct	0.000143	0.000908	0.0938	0.00000999	1.11	2.03	0.0157	0.000452	3.9	0.00112	0.0104	0.0000779	0.0000966	0.0000521	0.0734	0.00000196	0.0000804	0.000304	0.00135	0.000212
2096 Nov	0.00014	0.000923	0.0934	0.00000997	1.11	2.03	0.0147	0.000476	3.95	0.00111	0.0106	0.0000674	0.000086	0.0000509	0.0736	0.00000196	0.0000822	0.000285	0.00131	0.000206
2096 Dec	0.000141	0.000924	0.0933	0.00000998	1.11	2.04	0.0147	0.000476	3.95	0.00111	0.0106	0.0000674	0.0000866	0.0000511	0.0737	0.00000196	0.0000823	0.000285	0.00131	0.000212
2097 Jan	0.000141	0.000924	0.0933	0.00000998	1.11	2.04	0.0147	0.000476	3.95	0.00111	0.0106	0.0000674	0.0000869	0.0000512	0.0737	0.00000196	0.0000824	0.000286	0.00131	0.000215
2097 Feb	0.000141	0.000924	0.0933	0.00000998	1.11	2.04	0.0147	0.000476	3.95	0.00111	0.0106	0.0000674	0.0000869	0.0000512	0.0737	0.00000196	0.0000824	0.000286	0.00131	0.000215
2097 Mar	0.000141	0.000925	0.0934	0.00000999	1.11	2.04	0.0147	0.000477	3.95	0.00111	0.0106	0.0000675	0.000087	0.0000513	0.0738	0.00000196	0.0000825	0.000286	0.00131	0.000215
2097 Apr	0.000142	0.000932	0.0942	0.0000101	1.12	2.06	0.0149	0.000481	3.98	0.00112	0.0107	0.000068	0.0000877	0.0000517	0.0744	0.00000198	0.0000832	0.000288	0.00132	0.000217
2097 May	0.000248	0.00101	0.124	0.0000102	1.34	2.62	0.0345	0.000431	4.77	0.00128	0.011	0.00025	0.000119	0.0000686	0.0971	0.00000201	0.000083	0.000499	0.00144	0.000181
2097 Jun	0.000419	0.00102	0.169	0.00000999	1.61	3.3	0.069	0.000221	5.6	0.00148	0.0107	0.000581	0.000207	0.0000942	0.127	0.00000199	0.0000701	0.000917	0.00181	0.0000513
2097 Jul	0.000384	0.00104	0.164	0.0000107	1.58	3.18	0.0627	0.000225	5.43	0.0015	0.011	0.000525	0.000215	0.0000919	0.121	0.00000212	0.0000722	0.000862	0.00191	0.0000909
2097 Aug	0.000351	0.00105	0.156	0.000011	1.55	3.07	0.0562	0.000256	5.31	0.00149	0.0111	0.000465	0.000198	0.0000898	0.116	0.00000218	0.0000737	0.000762	0.00185	0.000135
2097 Sep	0.000326	0.00105	0.149	0.0000111	1.52	3.03	0.0512	0.000302	5.23	0.00148	0.0111	0.000413	0.000184	0.000088	0.113	0.00000219	0.0000768	0.000694	0.00178	0.00019
2097 Oct	0.000286	0.00104	0.137	0.0000108	1.44	2.86	0.043	0.000358	4.99	0.00141	0.011	0.000334	0.000158	0.0000802	0.105	0.00000213	0.0000799	0.000594	0.00164	0.000218
2097 Nov	0.000267	0.00103	0.131	0.0000107	1.39	2.77	0.039	0.000384	4.87	0.00137	0.011	0.000295	0.000144	0.0000762	0.101	0.0000021	0.0000811	0.000546	0.00157	0.000226
2097 Dec	0.000266	0.00103	0.13	0.0000107	1.39	2.77	0.0388	0.000386	4.86	0.00137	0.011	0.000293	0.000144	0.0000762	0.101	0.0000021	0.0000813	0.000543	0.00157	0.000232
2098 Jan	0.000266	0.00103	0.13	0.0000107	1.39	2.78	0.0388	0.000387	4.86	0.00137	0.011	0.000293	0.000144	0.0000763	0.101	0.0000021	0.0000814	0.000543	0.00157	0.000237
2098 Feb	0.000266	0.00103	0.13	0.0000107	1.39	2.78	0.0388	0.000387	4.86	0.00137	0.011	0.000293	0.000144	0.0000764	0.101	0.0000021	0.0000815	0.000543	0.00157	0.000238
2098 Mar	0.000266	0.00103	0.13	0.0000107	1.39	2.78	0.0389	0.000387	4.87	0.00137	0.011	0.000293	0.000144	0.0000764	0.101	0.0000021	0.0000815	0.000544	0.00157	0.000238
2098 Apr	0.000283	0.00105	0.135	0.0000107	1.43	2.88	0.0418	0.000387	5.02	0.0014	0.0111	0.000305	0.000146	0.0000777	0.105	0.0000021	0.0000822	0.000572	0.00157	0.000235
2098 May	0.000456	0.00116	0.181	0.0000105	1.76	3.75	0.0737	0.000316	6.26	0.0016	0.0114	0.000571	0.000181	0.0000993	0.141	0.00000207	0.0000807	0.000904	0.00167	0.000144
2098 Jun	0.000425	0.000966	0.168	0.00000949	1.57	3.21	0.0712	0.000162	5.41	0.00144	0.01	0.000605	0.000216	0.0000933	0.125	0.00000189	0.0000634	0.000947	0.00181	0.0000199
2098 Jul	0.000382	0.00097	0.161	0.0000103	1.53	3.03	0.0635	0.000168	5.18	0.00145	0.0105	0.000535	0.000228	0.0000895	0.117	0.00000205	0.0000657	0.000893	0.00195	0.0000447
2098 Aug	0.000308	0.000943	0.139	0.0000104	1.42	2.75	0.0493	0.000246	4.85	0.00138	0.0101	0.000399	0.000182	0.0000828	0.105	0.00000206	0.0000672	0.000674	0.00175	0.00012
2098 Sep	0.000211	0.000919	0.11	0.00000998	1.25	2.34	0.0293	0.000393	4.37	0.00121	0.00999	0.000205	0.00011	0.0000658	0.0876	0.00000197	0.0000743	0.000412	0.00139	0.000179
2098 Oct	0.000163	0.000938	0.097	0.00000971	1.15	2.17	0.0186	0.000488	4.16	0.00112	0.0104	0.000101	0.0000721	0.0000546	0.079	0.00000191	0.0000818	0.00029	0.0012	0.000219
2098 Nov	0.000154	0.000942	0.0949	0.00000967	1.14	2.14	0.0166	0.000506	4.12	0.0011	0.0104	0.0000824	0.0000652	0.0000526	0.0776	0.0000019	0.0000833	0.000269	0.00117	0.000226
2098 Dec	0.000155	0.000943	0.0949	0.00000968	1.14	2.15	0.0167	0.000507	4.13	0.00111	0.0104	0.0000823	0.0000658	0.0000528	0.0777	0.0000019	0.0000835	0.000269	0.00117	0.000232
2099 Jan	0.000155	0.000944	0.0949	0.00000968	1.14	2.15	0.0167	0.000507	4.12	0.00111	0.0104	0.0000823	0.0000661	0.0000529	0.0777	0.0000019	0.0000836	0.000269	0.00117	0.000236
2099 Feb	0.000155	0.000944	0.0949	0.00000969	1.14	2.16	0.0167	0.000507	4.12	0.00111	0.0104	0.0000823	0.0000664	0.000053	0.0777	0.0000019	0.0000837	0.000269	0.00117	0.000239
2099 Mar	0.000155	0.000947	0.0952	0.00000971	1.14	2.16	0.0167	0.000509	4.14	0.00111	0.0105	0.0000825	0.0000665	0.0000532	0.078	0.0000019	0.0000839	0.00027	0.00117	0.00024
2099 Apr	0.000186	0.000984	0.104	0.00000982	1.21	2.35	0.0222	0.000508	4.42	0.00117	0.0107	0.000108	0.000072	0.0000559	0.0853	0.00000192	0.0000853	0.000324	0.00119	0.000237
2099 May	0.000614	0.00126	0.22	0.00000974	2.05	4.55	0.102	0.000279	7.42	0.00174	0.0114	0.000742	0.00019	0.000111	0.174	0.00000194	0.0000798	0.00117	0.0016	0.0000674
2099 Jun	0.000517	0.0011	0.193	0.00000973	1.8	3.88	0.0867	0.000201	6.32	0.00161	0.0107	0.000706	0.000218	0.000106	0.149	0.00000194	0.0000709	0.00108	0.00178	0.0000664
2099 Jul	0.000465	0.0011	0.184	0.0000105	1.74	3.67	0.0772	0.00021	6.03	0.0016	0.011	0.000627	0.000221	0.000102	0.139	0.00000207	0.0000729	0.000986	0.00186	0.000118
2099 Aug	0.000417	0.0011	0.172	0.0000109	1.7	3.51	0.0682	0.000266	5.88	0.00159	0.0111	0.000542	0.000201	0.0000993	0.132	0.00000216	0.0000758	0.000859	0.00181	0.000173
2099 Sep	0.000304	0.00102	0.137	0.0000105	1.47	2.92	0.0466	0.00036	5.14	0.0014	0.0105	0.000346	0.000142	0.0000821	0.109	0.00000206	0.0000765	0.000589	0.00153	0.000208
2099 Oct	0.000236	0.000992	0.118	0.0000101	1.32	2.58	0.0326	0.000438	4.7	0.00126	0.0105	0.000221	0.000103	0.0000681	0.0951	0.00000198	0.0000807	0.000439	0.00135	0.000224
2099 Nov	0.000207	0.000979	0.11	0.00000992	1.25	2.43	0.0268	0.000468	4.51	0.0012	0.0105	0.000169	0.0000869	0.000062	0.089	0.00000195	0.0000822	0.000375	0.00127	0.000226
2099 Dec	0.000207	0.00098	0.11	0.00000993	1.25	2.43	0.0268	0.000469	4.51	0.0012	0.0105	0.000169	0.0000873	0.0000622	0.089	0.00000195	0.0000823	0.000375	0.00127	0.00023
2100 Jan	0.000207	0.00098	0.11	0.00000993	1.25	2.44	0.0268	0.000469	4.51	0.00121	0.0105	0.000169	0.0000878	0.0000624	0.0891	0.00000195	0.0000825	0.000376	0.00127	0.000237
2100 Feb	0.000207	0.00098	0.11	0.00000993	1.25	2.44	0.0268	0.000469	4.51	0.00121	0.0105	0.000169	0.000088	0.0000624	0.0891	0.00000195	0.0000825	0.000376	0.00127	0.000239
2100 Mar	0.000207	0.000981	0.11	0.00000993	1.25	2.44	0.0268	0.00047	4.51	0.00121	0.0105	0.000169	0.0000881	0.0000625	0.0892	0.00000195	0.0000826	0.000376	0.00127	0.000239
2100 Apr	0.000209	0.000989	0.111	0.00001	1.27	2.47	0.0271	0.000474	4.55	0.00122	0.0106	0.000171	0.0000888	0.000063	0.0899	0.00000196	0.0000833	0.000379	0.00128	0.000242
2100 May	0.000418	0.00112	0.168	0.00001	1.67	3.55	0.0665	0.000347	5.95	0.00152	0.011	0.000542	0.00016	0.0000962	0.133	0.00000198	0.0000807	0.000816	0.00154	0.000177
2100 Jun	0.000391	0.000932	0.158	0.00000946	1.5	3.04	0.0652	0.000166	5.12	0.00139	0.00988	0.000552	0.000214	0.0000887	0.118	0.00000188	0.0000629	0.000891	0.0018	0.0000473
2100 Jul	0.000309	0.000872	0.138	0.00000987	1.34	2.63	0.0509	0.000162	4.44	0.00133	0.00978	0.000423	0.00022	0.0000788	0.0996	0.00000195	0.0000623	0.000765	0.00188	0.000118
2100 Aug	0.000233	0.000847	0.115	0.00000991	1.23	2.28	0.0361	0.000249	4.16	0.00123	0.00929	0.000282	0.000157	0.0000704	0.087	0.00000196	0.0000624	0.000515	0.0016	0.000145
2100 Sep	0.000193	0.000845	0.102	0.00000997	1.2	2.18	0.028	0.000331	4.08	0.00119	0.00917	0.000197	0.000122	0.0000672	0.082	0.00000196	0.0000661	0.000384	0.00144	0.000202
2100 Oct	0.000186	0.000868	0.101	0.00000999	1.19	2.22	0.026	0.000367	4.09	0.0012	0.0094	0.000175	0.000115	0.0000659	0.0816	0.00000196	0.0000703	0.000363	0.0014	0.000251

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2100 Nov	0.000185	0.000873	0.101	0.00001	1.19	2.23	0.0256	0.000374	4.09	0.0012	0.00946	0.000171	0.000114	0.0000657	0.0816	0.00000196	0.0000712	0.000359	0.00139	0.000257
2100 Dec	0.000185	0.000875	0.101	0.00001	1.19	2.24	0.0256	0.000375	4.1	0.0012	0.00947	0.000171	0.000114	0.0000659	0.0817	0.00000196	0.0000714	0.000359	0.00139	0.000264
2101 Jan	0.000185	0.000876	0.1	0.00001	1.19	2.25	0.0256	0.000376	4.09	0.00121	0.00946	0.000171	0.000115	0.0000662	0.0818	0.00000196	0.0000716	0.000359	0.00139	0.000275
2101 Feb	0.000185	0.000876	0.1	0.00001	1.19	2.26	0.0257	0.000376	4.09	0.00121	0.00946	0.000171	0.000116	0.0000664	0.0818	0.00000196	0.0000718	0.000359	0.00139	0.00028
2101 Mar	0.000185	0.000876	0.1	0.00001	1.19	2.26	0.0257	0.000376	4.09	0.00121	0.00946	0.000171	0.000116	0.0000664	0.0819	0.00000196	0.0000718	0.00036	0.00139	0.000281
2101 Apr	0.000186	0.000881	0.101	0.0000101	1.2	2.27	0.0259	0.000378	4.12	0.00122	0.00951	0.000172	0.000116	0.0000668	0.0824	0.00000197	0.0000722	0.000362	0.0014	0.000282
2101 May	0.000388	0.00105	0.158	0.0000101	1.6	3.31	0.0625	0.000302	5.62	0.00148	0.0104	0.000512	0.000166	0.0000946	0.125	0.00000199	0.0000739	0.000771	0.00159	0.000166
2101 Jun	0.00044	0.00101	0.172	0.00000974	1.63	3.38	0.0735	0.000185	5.63	0.00149	0.0103	0.000625	0.000216	0.0000979	0.13	0.00000194	0.0000667	0.00096	0.00181	0.0000604
2101 Jul	0.000418	0.00103	0.171	0.0000105	1.63	3.33	0.0696	0.000191	5.56	0.00153	0.0108	0.000587	0.000232	0.0000974	0.127	0.00000208	0.0000698	0.000945	0.00195	0.0000986
2101 Aug	0.00041	0.00107	0.171	0.0000111	1.67	3.39	0.0677	0.000223	5.67	0.00159	0.0112	0.000566	0.000229	0.0000997	0.129	0.00000219	0.0000738	0.000913	0.00198	0.000149
2101 Sep	0.000297	0.001	0.136	0.0000106	1.45	2.84	0.0457	0.000342	5.02	0.00139	0.0106	0.000355	0.000157	0.0000817	0.107	0.00000209	0.0000761	0.000618	0.00164	0.000194
2101 Oct	0.000263	0.000999	0.126	0.0000105	1.38	2.73	0.0385	0.000394	4.82	0.00134	0.0107	0.000286	0.000137	0.0000757	0.1	0.00000205	0.0000799	0.000532	0.00152	0.000253
2101 Nov	0.000224	0.000982	0.115	0.0000102	1.29	2.53	0.0306	0.000438	4.58	0.00125	0.0106	0.000212	0.00011	0.0000671	0.0923	0.00000199	0.0000817	0.000438	0.00139	0.000256
2101 Dec	0.000221	0.000982	0.115	0.0000102	1.29	2.51	0.03	0.000442	4.56	0.00125	0.0106	0.000206	0.000108	0.0000665	0.0918	0.00000199	0.0000819	0.000431	0.00138	0.000257
2102 Jan	0.000221	0.000982	0.114	0.0000102	1.29	2.52	0.03	0.000443	4.56	0.00125	0.0106	0.000206	0.000109	0.0000666	0.0918	0.00000199	0.000082	0.000431	0.00138	0.000262
2102 Feb	0.000221	0.000983	0.114	0.0000102	1.29	2.52	0.03	0.000443	4.56	0.00125	0.0106	0.000206	0.000109	0.0000667	0.0918	0.00000199	0.0000821	0.000431	0.00138	0.000262
2102 Mar	0.000222	0.000983	0.115	0.0000102	1.29	2.52	0.03	0.000443	4.57	0.00125	0.0106	0.000206	0.000109	0.0000667	0.0919	0.00000199	0.0000821	0.000431	0.00138	0.000263
2102 Apr	0.000222	0.000987	0.115	0.0000102	1.29	2.53	0.0301	0.000445	4.58	0.00126	0.0107	0.000207	0.000109	0.000067	0.0922	0.000002	0.0000825	0.000433	0.00138	0.000264
2102 May	0.000227	0.00101	0.117	0.0000104	1.32	2.58	0.0308	0.000453	4.68	0.00128	0.0109	0.000212	0.000111	0.0000683	0.0941	0.00000203	0.000084	0.000442	0.00141	0.000269
2102 Jun	0.000131	0.000683	0.0891	0.00000974	0.958	1.52	0.0191	0.000185	2.97	0.00105	0.00913	0.000131	0.000195	0.0000488	0.0588	0.00000193	0.0000572	0.000473	0.00185	0.0000908
2102 Jul	0.000106	0.000645	0.0855	0.0000101	0.898	1.28	0.0154	0.000125	2.67	0.00102	0.00907	0.000108	0.000212	0.000045	0.0513	0.000002	0.0000521	0.000461	0.00199	0.0000437
2102 Aug	0.000108	0.000702	0.0863	0.0000104	0.963	1.41	0.0149	0.000191	2.99	0.00106	0.00926	0.0000964	0.000183	0.0000489	0.0561	0.00000207	0.0000562	0.000393	0.00187	0.0000754
2102 Sep	0.000111	0.000752	0.0857	0.0000104	1.01	1.52	0.0139	0.000274	3.27	0.00107	0.00947	0.000078	0.000148	0.0000501	0.0605	0.00000206	0.0000617	0.000333	0.0017	0.0000964
2102 Oct	0.000115	0.000824	0.086	0.00000997	1.03	1.66	0.012	0.000385	3.55	0.00104	0.00991	0.0000535	0.000101	0.0000466	0.0644	0.00000197	0.0000707	0.000274	0.00143	0.000122
2102 Nov	0.000116	0.000832	0.0862	0.00001	1.03	1.7	0.0121	0.000393	3.57	0.00104	0.00996	0.0000527	0.000101	0.0000472	0.065	0.00000198	0.0000718	0.000273	0.00142	0.000143
2102 Dec	0.000116	0.000833	0.0862	0.00001	1.03	1.71	0.0121	0.000393	3.57	0.00105	0.00996	0.0000527	0.000101	0.0000475	0.0651	0.00000198	0.000072	0.000274	0.00142	0.000153
2103 Jan	0.000116	0.000833	0.0862	0.00001	1.03	1.71	0.0121	0.000394	3.57	0.00105	0.00996	0.0000527	0.000102	0.0000475	0.0651	0.00000198	0.000072	0.000274	0.00142	0.000154
2103 Feb	0.000116	0.000833	0.0863	0.00001	1.03	1.71	0.0121	0.000394	3.57	0.00105	0.00996	0.0000527	0.000102	0.0000475	0.0651	0.00000198	0.0000721	0.000274	0.00142	0.000154
2103 Mar	0.000116	0.000834	0.0864	0.00001	1.04	1.71	0.0121	0.000394	3.58	0.00105	0.00997	0.0000528	0.000102	0.0000476	0.0652	0.00000198	0.0000722	0.000274	0.00142	0.000154
2103 Apr	0.000117	0.000839	0.0868	0.0000101	1.04	1.72	0.0122	0.000396	3.6	0.00106	0.01	0.0000531	0.000102	0.0000478	0.0655	0.00000199	0.0000725	0.000276	0.00143	0.000155
2103 May	0.000292	0.000982	0.135	0.0000101	1.4	2.72	0.0444	0.000337	4.9	0.00132	0.0106	0.000349	0.000148	0.000076	0.104	0.000002	0.0000747	0.000613	0.00157	0.000143
2103 Jun	0.000392	0.000939	0.159	0.00000958	1.51	3.05	0.0654	0.000166	5.14	0.0014	0.00998	0.000554	0.000216	0.0000892	0.118	0.00000191	0.0000633	0.000897	0.00182	0.0000504
2103 Jul	0.000281	0.000866	0.133	0.00001	1.29	2.42	0.0455	0.000162	4.29	0.00128	0.00982	0.00038	0.000205	0.0000735	0.0934	0.000002	0.0000605	0.000693	0.00185	0.0000772
2103 Aug	0.000187	0.000868	0.11	0.0000102	1.13	1.96	0.027	0.000223	3.89	0.00114	0.00941	0.000223	0.000129	0.000061	0.0759	0.00000202	0.0000586	0.000374	0.0015	0.000104
2103 Sep	0.00016	0.000893	0.1	0.00000997	1.11	1.94	0.02	0.000357	3.94	0.00109	0.00983	0.000139	0.0000904	0.0000548	0.0742	0.00000197	0.0000688	0.000293	0.00132	0.000145
2103 Oct	0.000139	0.000923	0.0931	0.0000097	1.09	1.89	0.0137	0.000475	4	0.00103	0.0104	0.0000675	0.0000537	0.0000467	0.0724	0.00000192	0.0000782	0.000232	0.00116	0.000134
2103 Nov	0.000136	0.00093	0.0922	0.00000967	1.09	1.89	0.0128	0.000494	4.02	0.00103	0.0105	0.0000568	0.0000489	0.0000458	0.0723	0.00000191	0.0000799	0.000223	0.00114	0.000141
2103 Dec	0.000136	0.000931	0.0921	0.00000968	1.09	1.9	0.0129	0.000495	4.01	0.00103	0.0105	0.0000568	0.0000496	0.000046	0.0724	0.00000191	0.0000801	0.000223	0.00114	0.00015
2104 Jan	0.000136	0.000931	0.0921	0.00000968	1.09	1.9	0.0129	0.000495	4.01	0.00103	0.0105	0.0000568	0.0000496	0.000046	0.0724	0.00000191	0.0000801	0.000223	0.00114	0.00015
2104 Feb	0.000136	0.000931	0.0922	0.00000968	1.09	1.9	0.0129	0.000495	4.01	0.00103	0.0105	0.0000568	0.0000497	0.000046	0.0724	0.00000191	0.0000801	0.000223	0.00114	0.00015
2104 Mar	0.000136	0.000932	0.0923	0.00000969	1.09	1.9	0.0129	0.000496	4.02	0.00103	0.0105	0.0000569	0.0000497	0.0000461	0.0725	0.00000191	0.0000802	0.000224	0.00114	0.000151
2104 Apr	0.000137	0.00094	0.0931	0.00000978	1.1	1.92	0.013	0.0005	4.05	0.00104	0.0106	0.0000574	0.0000502	0.0000465	0.0731	0.00000193	0.0000809	0.000225	0.00115	0.000152
2104 May	0.00038	0.00109	0.159	0.00000992	1.58	3.23	0.059	0.000359	5.7	0.00141	0.011	0.000482	0.000137	0.0000866	0.124	0.00000197	0.0000787	0.000735	0.00147	0.000101
2104 Jun	0.000421	0.000976	0.167	0.00000953	1.57	3.23	0.0702	0.000178	5.43	0.00144	0.0101	0.000597	0.000211	0.0000932	0.125	0.0000019	0.0000648	0.000931	0.00178	0.0000423
2104 Jul	0.000341	0.000939	0.15	0.0000101	1.43	2.8	0.0559	0.000178	4.86	0.00137	0.0102	0.000471	0.000207	0.0000829	0.108	0.00000201	0.000064	0.000788	0.00184	0.0000724
2104 Aug	0.00029	0.000931	0.135	0.0000103	1.37	2.59	0.046	0.000233	4.68	0.00132	0.01	0.000377	0.000173	0.000078	0.0999	0.00000205	0.000065	0.000632	0.00171	0.000109
2104 Sep	0.00022	0.000899	0.113	0.0000101	1.26	2.28	0.0319	0.000339	4.38	0.00121	0.00976	0.000237	0.000119	0.0000676	0.0881	0.000002	0.0000684	0.000435	0.00146	0.000143
2104 Oct	0.000179	0.000922	0.102	0.00000988	1.18	2.12	0.0223	0.000435	4.24	0.00112	0.0102	0.000143	0.0000812	0.0000567	0.0811	0.00000195	0.0000759	0.00033	0.00128	0.000154
2104 Nov	0.00017	0.000928	0.1	0.00000984	1.17	2.08	0.0202	0.000457	4.22	0.0011	0.0103	0.000122	0.0000728	0.0000543	0.0797	0.00000194	0.0000777	0.000307	0.00125	0.000154
2104 Dec	0.00017	0.000929	0.1	0.00000985	1.17	2.09	0.0202	0.000457	4.22	0.00111	0.0103	0.000122	0.0000733	0.0000546	0.0797	0.00000194	0.0000779	0.000308	0.00125	0.000162
2105 Jan	0.00017	0.000929	0.1	0.00000985	1.17	2.09	0.0202	0.000458	4.21	0.00111	0.0103	0.000122	0.0000737	0.0000547	0.0798	0.00000194	0.0000779	0.000308	0.00125	0.000167
2105 Feb	0.00017	0.000929	0.1	0.00000985	1.17	2.09	0.0202	0.000458	4.21	0.00111	0.0103	0.000122	0.0000737	0.0000547	0.0798	0.00000194	0.000078	0.000308	0.00125	0.000167
2105 Mar	0.00017	0.00093	0.1	0.00000986	1.17	2.1	0.0203	0.000458	4.22	0.00111	0.0103	0.000122	0.0000738	0.0000547	0.0798	0.00000194	0.000078	0.000308	0.00125	0.000168
2105 Apr	0.000171	0.000934	0.101	0.0000099	1.17	2.11	0.0204	0.00046	4.24	0.00111	0.0104	0.000123	0.0000741	0.000055	0.0802	0.00000195	0.0000784	0.000309	0.00125	0.000168
2105 May	0.000391	0.00108	0.16	0.00000995	1.6	3.28	0.0615	0.000341	5.74	0.00144	0.0109	0.000504	0.000147	0.0000899	0.126	0.00000197	0.0000772	0.000763	0.00151	0.000116
2105 Jun	0.000501	0.00111	0.191	0.00000997	1.79	3.79	0.0833	0.000222	6.31	0.00159	0.0109	0.000711	0.00021	0.0000107	0.146	0.00000198	0.0000723	0.00104	0.00178	0.0000576
2105 Jul	0.000439	0.00109	0.178	0.0000104	1.69	3.48	0.0721	0.000225	5.9	0.00154	0.011	0.000615	0.0002	0.0000996	0.134	0.00000207	0.0000718	0.000912	0.00178	0.0000952
2105 Aug	0.000272	0.000944	0.128	0.0000101	1.36	2.56	0.0418	0.0003	4.76	0.00128	0.00967	0.000334	0.000125	0.0000771	0.099	0.000002	0.0000661	0.000505	0.00144	0.000145
2105 Sep	0.000175	0.000895	0.0977	0.0000098	1.18	2.11	0.0222	0.000431	4.22	0.00112	0.00959	0.00014	0.0000699	0.0000602	0.0809	0.00000193	0.0000724	0.000281	0.0012	0.000197
2105 Oct	0.000151	0.000917	0.0927	0.00000966	1.13	2.04	0.0165	0.000489	4.11	0.00108	0.0101	0.0000842	0.0000544	0.0000525	0.0765	0.00000189	0.0000786	0.00024	0.00113	0.000219
2105 Nov	0.000145	0.000923	0.0916	0.00000962	1.12	2	0.0149	0.000505	4.09	0.00106	0.0102	0.0000688	0.000049	0.0000501	0.0753	0.00000189	0.0000801	0.000228	0.00111	0.00021
2105 Dec	0.000145	0.000923	0.0916	0.00000962	1.12	2.01	0.0149	0.000505	4.09	0.00106	0.0102	0.0000688	0.0000494	0.0000502	0.0753	0.00000189	0.0000802	0.000228	0.00111	0.000216
2106 Jan	0.000145	0.000923	0.0916	0.00000962	1.12	2.01	0.0149	0.000505	4.09	0.00106	0.0102	0.0000688	0.0000494	0.0000503	0.0753	0.00000189	0.0000802	0.000228	0.00111	0.000216
2106 Feb	0.000145	0.000923	0.0916	0.00000963	1.12	2.01	0.0149	0.000505	4.09	0.00106	0.0102	0.0000688	0.0000494	0.0000503	0.0753	0.00000189	0.0000802	0.000228	0.00111	0.000216
2106 Mar	0.000145	0.000924	0.0916	0.00000963	1.12	2.01	0.0149	0.000506	4.09	0.00106	0.0102	0.0000689	0.0000495	0.0000503	0.0754	0.00000189	0.0000803	0.000228	0.00111	0.000216
2106 Apr	0.000146	0.00093	0.0922	0.00000969	1.12	2.02	0.015	0.000509	4.12	0.00107	0.0103	0.0000693	0.0000498	0.0000506	0.0759	0.0000019	0.0000808	0.00023	0.00112	0.000218
2106 May	0.00024	0.001	0.119	0.00000989	1.32	2.54	0.0326	0.00046	4.8	0.00122	0.0106	0.000232	0.0000846	0.0000663	0.096	0.00000194	0.0000812	0.000429	0.00126	0.000199

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Jun	0.0003	0.000846	0.135	0.00000966	1.31	2.49	0.0492	0.000168	4.37	0.00127	0.00969	0.000407	0.00021	0.0000747	0.0971	0.00000192	0.0000607	0.000752	0.00185	0.0000569
2106 Jul	0.000215	0.000801	0.116	0.0000103	1.16	2.03	0.034	0.00016	3.74	0.00121	0.00975	0.000274	0.00021	0.0000638	0.0786	0.00000204	0.0000593	0.000606	0.00193	0.0000944
2106 Aug	0.000165	0.000817	0.101	0.0000102	1.1	1.86	0.0235	0.000242	3.68	0.00113	0.0093	0.000178	0.000141	0.0000593	0.0717	0.00000202	0.0000598	0.000374	0.00158	0.000149
2106 Sep	0.000136	0.000835	0.0885	0.00000997	1.09	1.85	0.0164	0.000381	3.78	0.00108	0.00931	0.0000935	0.0000865	0.0000554	0.0705	0.00000196	0.0000677	0.000245	0.00131	0.000209
2106 Oct	0.000133	0.000874	0.0884	0.0000099	1.09	1.91	0.0146	0.000438	3.86	0.00108	0.00975	0.0000713	0.0000738	0.0000528	0.0714	0.00000194	0.0000741	0.000231	0.00124	0.000254
2106 Nov	0.000134	0.000878	0.0887	0.00000994	1.09	1.93	0.0146	0.000441	3.87	0.00109	0.00978	0.0000711	0.0000744	0.0000532	0.0717	0.00000194	0.0000746	0.000231	0.00124	0.000265
2106 Dec	0.000134	0.000879	0.0887	0.00000994	1.09	1.94	0.0146	0.000441	3.87	0.00109	0.00978	0.0000711	0.0000749	0.0000533	0.0717	0.00000194	0.0000748	0.000232	0.00124	0.000271
2107 Jan	0.000134	0.000879	0.0887	0.00000994	1.09	1.94	0.0146	0.000441	3.87	0.00109	0.00978	0.0000711	0.0000749	0.0000533	0.0717	0.00000194	0.0000748	0.000232	0.00124	0.000272
2107 Feb	0.000134	0.000879	0.0887	0.00000995	1.09	1.94	0.0146	0.000442	3.87	0.00109	0.00978	0.0000711	0.0000749	0.0000534	0.0718	0.00000194	0.0000748	0.000232	0.00124	0.000272
2107 Mar	0.000134	0.00088	0.0888	0.00000996	1.1	1.94	0.0147	0.000442	3.88	0.00109	0.00979	0.0000712	0.0000751	0.0000534	0.0719	0.00000194	0.0000749	0.000232	0.00124	0.000273
2107 Apr	0.000135	0.000883	0.0891	0.00000999	1.1	1.95	0.0147	0.000444	3.89	0.00109	0.00983	0.0000714	0.0000753	0.0000536	0.0721	0.00000195	0.0000751	0.000233	0.00124	0.000273
2107 May	0.000264	0.000976	0.125	0.00001	1.35	2.62	0.0386	0.000383	4.8	0.00127	0.0103	0.000293	0.000114	0.0000728	0.0991	0.00000196	0.0000752	0.0005	0.00139	0.000208
2107 Jun	0.000446	0.00104	0.176	0.00000995	1.67	3.43	0.0741	0.000208	5.8	0.00151	0.0106	0.000628	0.000208	0.0000986	0.133	0.00000198	0.000069	0.000958	0.0018	0.0000523
2107 Jul	0.000345	0.000987	0.152	0.0000102	1.46	2.87	0.0557	0.000205	5.05	0.00138	0.0103	0.000473	0.000185	0.0000843	0.111	0.00000203	0.0000657	0.00074	0.00173	0.0000957
2107 Aug	0.000313	0.00101	0.146	0.0000107	1.44	2.77	0.0495	0.000234	4.97	0.00138	0.0105	0.000416	0.000171	0.0000822	0.106	0.00000211	0.0000675	0.000647	0.00169	0.000144
2107 Sep	0.000266	0.001	0.132	0.0000106	1.36	2.61	0.0395	0.000325	4.78	0.00131	0.0106	0.000314	0.000138	0.0000741	0.0985	0.00000208	0.0000734	0.00053	0.00155	0.000201
2107 Oct	0.000225	0.000989	0.119	0.0000103	1.28	2.44	0.0309	0.000396	4.56	0.00124	0.0107	0.000228	0.00011	0.0000657	0.0909	0.00000202	0.0000777	0.000432	0.0014	0.000234
2107 Nov	0.000214	0.000986	0.116	0.0000102	1.26	2.38	0.0285	0.000416	4.51	0.00121	0.0107	0.000204	0.000101	0.0000631	0.0889	0.00000201	0.0000788	0.000404	0.00136	0.000232
2107 Dec	0.000214	0.000987	0.115	0.0000102	1.26	2.39	0.0285	0.000416	4.5	0.00122	0.0107	0.000204	0.000102	0.0000634	0.0889	0.00000201	0.000079	0.000404	0.00136	0.000246
2108 Jan	0.000214	0.000987	0.115	0.0000103	1.26	2.4	0.0285	0.000417	4.5	0.00122	0.0107	0.000204	0.000102	0.0000635	0.0889	0.00000201	0.0000791	0.000404	0.00136	0.00025
2108 Feb	0.000214	0.000987	0.115	0.0000103	1.26	2.4	0.0285	0.000417	4.5	0.00122	0.0107	0.000204	0.000102	0.0000635	0.0889	0.00000201	0.0000791	0.000405	0.00136	0.000251
2108 Mar	0.000214	0.000989	0.116	0.0000103	1.26	2.4	0.0285	0.000417	4.51	0.00122	0.0107	0.000204	0.000102	0.0000636	0.0891	0.00000201	0.0000793	0.000405	0.00137	0.000251
2108 Apr	0.000218	0.001	0.117	0.0000104	1.28	2.44	0.0291	0.000422	4.57	0.00124	0.0108	0.000207	0.000103	0.0000644	0.0904	0.00000203	0.0000802	0.000412	0.00138	0.000254
2108 May	0.000249	0.00105	0.127	0.0000106	1.36	2.64	0.0345	0.000425	4.88	0.0013	0.0112	0.000243	0.000111	0.0000688	0.0982	0.00000208	0.0000824	0.00047	0.00143	0.000253
2108 Jun	0.000207	0.000774	0.112	0.00000997	1.13	1.95	0.0325	0.000178	3.66	0.00116	0.00964	0.000253	0.000203	0.0000602	0.0766	0.00000198	0.0000595	0.000601	0.00189	0.0000618
2108 Jul	0.000182	0.000774	0.109	0.0000107	1.12	1.85	0.0283	0.000168	3.51	0.00119	0.01	0.000215	0.000222	0.0000589	0.072	0.00000211	0.0000608	0.00059	0.00205	0.0000892
2108 Aug	0.000184	0.000829	0.111	0.0000113	1.18	1.96	0.0278	0.000211	3.75	0.00125	0.0104	0.000206	0.000215	0.0000628	0.0759	0.00000223	0.0000653	0.000562	0.00207	0.000135
2108 Sep	0.000173	0.000851	0.107	0.0000111	1.18	1.99	0.0248	0.000275	3.83	0.00124	0.0104	0.000172	0.000185	0.0000617	0.076	0.00000219	0.000069	0.000489	0.0019	0.000188
2108 Oct	0.000146	0.000895	0.0962	0.0000102	1.11	1.9	0.0164	0.000423	3.92	0.00109	0.0106	0.0000888	0.0000998	0.0000501	0.0729	0.00000201	0.0000768	0.000326	0.00143	0.000156
2108 Nov	0.000143	0.000905	0.0953	0.0000101	1.11	1.89	0.0153	0.000446	3.95	0.00108	0.0106	0.0000777	0.0000887	0.0000488	0.0729	0.000002	0.0000783	0.000305	0.00138	0.000155
2108 Dec	0.000143	0.000906	0.0952	0.0000101	1.11	1.9	0.0154	0.000447	3.95	0.00108	0.0106	0.0000777	0.0000893	0.000049	0.0729	0.000002	0.0000785	0.000306	0.00138	0.000165
2109 Jan	0.000143	0.000906	0.0952	0.0000101	1.11	1.9	0.0154	0.000447	3.95	0.00108	0.0106	0.0000777	0.0000893	0.0000491	0.0729	0.000002	0.0000785	0.000306	0.00138	0.000166
2109 Feb	0.000143	0.000907	0.0953	0.0000101	1.11	1.91	0.0154	0.000447	3.95	0.00108	0.0106	0.0000777	0.0000894	0.0000491	0.073	0.000002	0.0000785	0.000306	0.00138	0.000166
2109 Mar	0.000143	0.000908	0.0954	0.0000102	1.11	1.91	0.0154	0.000448	3.96	0.00109	0.0107	0.0000779	0.0000895	0.0000492	0.0731	0.000002	0.0000786	0.000306	0.00138	0.000166
2109 Apr	0.000144	0.000916	0.0963	0.0000102	1.12	1.92	0.0155	0.000451	3.99	0.0011	0.0107	0.0000786	0.0000903	0.0000496	0.0737	0.00000202	0.0000793	0.000309	0.00139	0.000168
2109 May	0.000323	0.00104	0.144	0.0000102	1.47	2.88	0.0488	0.000364	5.25	0.00135	0.011	0.000387	0.00014	0.000078	0.111	0.00000202	0.0000781	0.000658	0.00155	0.000114
2109 Jun	0.000504	0.00112	0.193	0.0000101	1.8	3.79	0.0839	0.000218	6.35	0.0016	0.0111	0.000716	0.000215	0.000107	0.147	0.00000202	0.0000727	0.00106	0.00183	0.0000385
2109 Jul	0.0004	0.00106	0.168	0.0000104	1.6	3.24	0.0653	0.000216	5.55	0.00149	0.0108	0.000556	0.000196	0.0000935	0.124	0.00000207	0.0000698	0.000842	0.00177	0.000121
2109 Aug	0.000332	0.00105	0.152	0.0000108	1.48	2.94	0.0525	0.000239	5.16	0.00142	0.0106	0.000446	0.00017	0.0000857	0.111	0.00000212	0.0000694	0.000664	0.00167	0.000197
2109 Sep	0.000259	0.000998	0.128	0.0000104	1.34	2.6	0.0381	0.000341	4.74	0.0013	0.0104	0.0003	0.000126	0.0000734	0.0974	0.00000204	0.0000736	0.000493	0.00146	0.000248
2109 Oct	0.00018	0.000964	0.105	0.00000988	1.18	2.19	0.0215	0.000465	4.31	0.00112	0.0106	0.000137	0.0000714	0.0000552	0.0821	0.00000194	0.0000802	0.000317	0.00122	0.000228
2109 Nov	0.000177	0.000967	0.104	0.0000099	1.18	2.19	0.0207	0.000475	4.3	0.00112	0.0106	0.000128	0.0000693	0.0000547	0.0816	0.00000194	0.0000812	0.000308	0.00121	0.000242
2109 Dec	0.000177	0.000968	0.104	0.00000991	1.18	2.2	0.0207	0.000476	4.3	0.00113	0.0106	0.000128	0.00007	0.0000549	0.0817	0.00000194	0.0000814	0.000309	0.00121	0.000254
2110 Jan	0.000177	0.000968	0.104	0.00000992	1.18	2.2	0.0207	0.000476	4.3	0.00113	0.0106	0.000128	0.0000701	0.000055	0.0817	0.00000194	0.0000814	0.000309	0.00121	0.000255
2110 Feb	0.000177	0.000969	0.104	0.00000992	1.18	2.2	0.0207	0.000476	4.3	0.00113	0.0106	0.000128	0.0000701	0.000055	0.0818	0.00000194	0.0000815	0.000309	0.00121	0.000255
2110 Mar	0.000177	0.00097	0.104	0.00000993	1.18	2.2	0.0207	0.000477	4.31	0.00113	0.0106	0.000128	0.0000702	0.0000551	0.0819	0.00000194	0.0000815	0.000309	0.00121	0.000256
2110 Apr	0.000178	0.000975	0.104	0.00000998	1.19	2.21	0.0208	0.000479	4.33	0.00113	0.0107	0.000128	0.0000706	0.0000553	0.0823	0.00000195	0.0000819	0.000311	0.00122	0.000257
2110 May	0.000236	0.00102	0.12	0.0000101	1.31	2.54	0.0317	0.000452	4.75	0.00123	0.0109	0.000228	0.0000918	0.0000653	0.0948	0.00000197	0.0000824	0.000431	0.0013	0.000257
2110 Jun	0.00036	0.000921	0.151	0.00000973	1.45	2.88	0.0595	0.000179	4.92	0.00137	0.01	0.000499	0.000212	0.0000844	0.111	0.00000193	0.0000639	0.000841	0.00183	0.0000798
2110 Jul	0.000279	0.000875	0.133	0.0000102	1.3	2.42	0.0449	0.000173	4.32	0.00129	0.00999	0.000373	0.000206	0.0000733	0.0936	0.00000202	0.0000619	0.000693	0.00187	0.0001
2110 Aug	0.000151	0.00082	0.0943	0.00000993	1.09	1.79	0.0202	0.000296	3.77	0.00107	0.00888	0.000145	0.0000922	0.0000575	0.0708	0.00000196	0.0000589	0.000258	0.00133	0.000141
2110 Sep	0.00013	0.000864	0.0871	0.0000097	1.07	1.8	0.0136	0.000439	3.87	0.00103	0.0096	0.0000669	0.0000545	0.0000499	0.0701	0.00000191	0.0000713	0.000198	0.00115	0.000177
2110 Oct	0.000126	0.000926	0.0884	0.00000963	1.08	1.84	0.0106	0.000526	4.02	0.001	0.0105	0.000032	0.0000354	0.0000436	0.0712	0.0000019	0.0000811	0.000192	0.00108	0.000159
2110 Nov	0.000125	0.000927	0.088	0.00000959	1.07	1.85	0.0104	0.000531	4.01	0.001	0.0105	0.000029	0.0000346	0.0000432	0.0711	0.00000189	0.0000818	0.000192	0.00107	0.000173
2110 Dec	0.000125	0.000928	0.088	0.0000096	1.07	1.86	0.0104	0.000532	4	0.001	0.0105	0.000029	0.0000353	0.0000435	0.0711	0.00000189	0.000082	0.000192	0.00107	0.000185
2111 Jan	0.000125	0.000928	0.088	0.0000096	1.07	1.86	0.0104	0.000532	4	0.001	0.0105	0.000029	0.0000355	0.0000436	0.0711	0.00000189	0.0000821	0.000192	0.00107	0.00019
2111 Feb	0.000125	0.000928	0.088	0.0000096	1.07	1.86	0.0104	0.000532	4	0.001	0.0105	0.000029	0.0000356	0.0000436	0.0711	0.00000189	0.0000821	0.000192	0.00107	0.000191
2111 Mar	0.000126	0.00093	0.0882	0.00000962	1.08	1.86	0.0104	0.000533	4.01	0.00101	0.0105	0.0000291	0.0000357	0.0000437	0.0713	0.00000189	0.0000823	0.000192	0.00107	0.000191
2111 Apr	0.000127	0.000939	0.089	0.00000971	1.09	1.88	0.0105	0.000538	4.05	0.00102	0.0106	0.0000293	0.000036	0.0000441	0.0719	0.00000191	0.000083	0.000194	0.00108	0.000193
2111 May	0.000246	0.00102	0.122	0.0000099	1.33	2.52	0.0331	0.000468	4.88	0.00121	0.011	0.000238	0.0000803	0.000064	0.0971	0.00000195	0.0000823	0.000446	0.00126	0.000154
2111 Jun	0.000449	0.00103	0.176	0.00000983	1.66	3.42	0.0747	0.000198	5.77	0.0015	0.0106	0.000636	0.000212	0.0000981	0.133	0.00000196	0.0000682	0.000974	0.00181	0.0000453
2111 Jul	0.000406	0.00103	0.169	0.0000105	1.61	3.23	0.067	0.000199	5.51	0.0015	0.0109	0.000566	0.000223	0.0000941	0.125	0.00000209	0.0000698	0.000916	0.00193	0.0000952
2111 Aug	0.00025	0.000911	0.123	0.0000102	1.3	2.38	0.0381	0.000278	4.52	0.00125	0.00965	0.000304	0.000133	0.0000727	0.0929	0.00000201	0.0000642	0.000492	0.00151	0.000146
2111 Sep	0.000187	0.000875	0.101	0.0000101	1.21	2.14	0.0258	0.000375	4.23	0.00117	0.00934	0.000176	0.0000912	0.0000651	0.0826	0.00000198	0.0000677	0.000322	0.00132	0.00023
2111 Oct	0.000158	0.000897	0.0945	0.00000977	1.14	2.01	0.0185	0.000451	4.1	0.00108	0.00986	0.000107	0.0000648	0.0000546	0.077	0.00000191	0.0000747	0.000262	0.00119	0.000228
2111 Nov	0.000144	0.000914	0.0918	0.00000967	1.11	1.96	0.0149	0.000492	4.07	0.00105	0.0102	0.0000714	0.000051	0.0000494	0.0746	0.0000019	0.0000787	0.000233	0.00113	0.000217
2111 Dec	0.000144	0.000916	0.0918	0.00000968	1.11	1.96	0.0149	0.000494	4.07	0.00105	0.0102	0.0000707	0.0000513	0.0000496	0.0747	0.0000019	0.0000789	0.000233	0.00113	0.000228

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2112 Jan	0.000144	0.000916	0.0917	0.00000969	1.11	1.97	0.0149	0.000494	4.07	0.00105	0.0102	0.0000707	0.0000516	0.0000496	0.0747	0.0000019	0.000079	0.000233	0.00113	0.000233
2112 Feb	0.000144	0.000916	0.0917	0.00000969	1.11	1.97	0.0149	0.000494	4.07	0.00105	0.0102	0.0000707	0.0000518	0.0000497	0.0747	0.0000019	0.0000791	0.000233	0.00113	0.000236
2112 Mar	0.000145	0.000919	0.092	0.00000972	1.11	1.98	0.0149	0.000496	4.08	0.00106	0.0102	0.0000708	0.000052	0.0000499	0.0749	0.0000019	0.0000793	0.000234	0.00113	0.000239
2112 Apr	0.000146	0.000926	0.0927	0.00000979	1.12	1.99	0.0151	0.000499	4.11	0.00106	0.0103	0.0000714	0.0000524	0.0000503	0.0755	0.00000191	0.0000799	0.000236	0.00114	0.000241
2112 May	0.000296	0.00103	0.134	0.00000994	1.42	2.8	0.0433	0.000415	5.15	0.0013	0.0107	0.000334	0.000106	0.0000746	0.107	0.00000195	0.0000794	0.000553	0.00135	0.000192
2112 Jun	0.000361	0.000892	0.15	0.00000942	1.43	2.83	0.0601	0.000158	4.83	0.00134	0.0097	0.000507	0.000211	0.0000833	0.11	0.00000188	0.0000608	0.000846	0.00181	0.0000473
2112 Jul	0.000247	0.00081	0.123	0.00000998	1.21	2.2	0.0399	0.000151	3.93	0.00123	0.00958	0.000328	0.000211	0.0000681	0.0849	0.00000197	0.0000587	0.000658	0.00188	0.000121
2112 Aug	0.000226	0.000837	0.117	0.0000104	1.22	2.21	0.0354	0.000214	4.02	0.00124	0.00965	0.000279	0.000187	0.0000689	0.0843	0.00000204	0.0000623	0.000565	0.00179	0.000204
2112 Sep	0.000188	0.000843	0.103	0.0000102	1.18	2.14	0.0272	0.000313	3.96	0.0012	0.00948	0.000192	0.000141	0.000065	0.0798	0.00000199	0.0000672	0.000421	0.00156	0.000318
2112 Oct	0.000172	0.000868	0.0989	0.0000101	1.15	2.13	0.023	0.000374	3.95	0.00117	0.00971	0.00015	0.000119	0.0000607	0.0779	0.00000195	0.0000724	0.000365	0.00143	0.000377
2112 Nov	0.00017	0.000875	0.0981	0.0000101	1.15	2.15	0.0224	0.000385	3.95	0.00117	0.00975	0.000142	0.000116	0.0000605	0.0778	0.00000194	0.0000738	0.000356	0.00141	0.000412
2112 Dec	0.00017	0.000875	0.0982	0.0000101	1.15	2.16	0.0224	0.000386	3.95	0.00117	0.00976	0.000142	0.000116	0.0000607	0.0778	0.00000194	0.0000739	0.000356	0.00141	0.000418
2113 Jan	0.00017	0.000875	0.0981	0.0000101	1.15	2.16	0.0224	0.000386	3.94	0.00117	0.00975	0.000142	0.000117	0.0000608	0.0778	0.00000194	0.000074	0.000356	0.00141	0.000425
2113 Feb	0.00017	0.000876	0.0981	0.0000101	1.15	2.16	0.0224	0.000386	3.95	0.00117	0.00975	0.000142	0.000117	0.0000608	0.0779	0.00000194	0.000074	0.000356	0.00141	0.000425
2113 Mar	0.000171	0.000879	0.0985	0.0000101	1.15	2.17	0.0225	0.000388	3.96	0.00118	0.00979	0.000143	0.000117	0.0000611	0.0782	0.00000195	0.0000743	0.000358	0.00141	0.000429
2113 Apr	0.000172	0.000886	0.0993	0.0000102	1.16	2.19	0.0227	0.000391	3.99	0.00119	0.00987	0.000144	0.000118	0.0000615	0.0788	0.00000197	0.0000749	0.000361	0.00142	0.000432
2113 May	0.000309	0.000998	0.137	0.0000103	1.44	2.91	0.0477	0.00034	5.02	0.00138	0.0104	0.000375	0.000152	0.0000819	0.108	0.00000199	0.0000759	0.00063	0.00155	0.000339
2113 Jun	0.000442	0.00102	0.174	0.00000983	1.64	3.39	0.0737	0.00019	5.68	0.00149	0.0104	0.000626	0.000214	0.0000978	0.131	0.00000195	0.0000674	0.000963	0.00181	0.0000761
2113 Jul	0.00036	0.000989	0.156	0.0000103	1.49	2.94	0.0586	0.000194	5.13	0.00141	0.0104	0.000498	0.000197	0.0000865	0.114	0.00000204	0.0000657	0.000786	0.00179	0.000106
2113 Aug	0.000302	0.000981	0.142	0.0000106	1.4	2.7	0.0477	0.000231	4.85	0.00135	0.0103	0.0004	0.000167	0.0000804	0.103	0.00000208	0.0000661	0.000625	0.00167	0.000181
2113 Sep	0.000236	0.000948	0.12	0.0000103	1.29	2.4	0.0343	0.000337	4.53	0.00124	0.0101	0.000264	0.00012	0.0000691	0.0916	0.00000202	0.0000706	0.000457	0.00145	0.000225
2113 Oct	0.000164	0.000935	0.0991	0.00000973	1.14	2.03	0.0185	0.000469	4.18	0.00107	0.0104	0.000109	0.0000622	0.000051	0.078	0.00000191	0.0000785	0.000287	0.00119	0.000196
2113 Nov	0.000153	0.000942	0.0964	0.00000972	1.13	1.99	0.0159	0.000497	4.16	0.00105	0.0106	0.000083	0.0000528	0.0000484	0.0764	0.00000191	0.0000807	0.00026	0.00115	0.000197
2113 Dec	0.000153	0.000943	0.0964	0.00000973	1.13	2	0.016	0.000498	4.16	0.00105	0.0106	0.000083	0.0000531	0.0000485	0.0764	0.00000191	0.0000809	0.00026	0.00115	0.000204
2114 Jan	0.000153	0.000943	0.0964	0.00000973	1.13	2	0.016	0.000498	4.16	0.00105	0.0106	0.000083	0.0000533	0.0000486	0.0764	0.00000191	0.0000809	0.00026	0.00115	0.000207
2114 Feb	0.000153	0.000943	0.0964	0.00000973	1.13	2	0.016	0.000498	4.16	0.00106	0.0106	0.000083	0.0000533	0.0000486	0.0764	0.00000191	0.0000809	0.00026	0.00115	0.000207
2114 Mar	0.000154	0.000945	0.0966	0.00000976	1.13	2.01	0.016	0.000499	4.17	0.00106	0.0106	0.0000832	0.0000534	0.0000487	0.0766	0.00000191	0.0000811	0.00026	0.00115	0.000207
2114 Apr	0.000154	0.00095	0.0971	0.00000981	1.14	2.02	0.0161	0.000502	4.19	0.00106	0.0107	0.0000836	0.0000537	0.000049	0.077	0.00000192	0.0000815	0.000262	0.00116	0.000208
2114 May	0.000341	0.00106	0.147	0.00000985	1.5	3.01	0.0515	0.000385	5.42	0.00134	0.0109	0.000412	0.000122	0.0000799	0.116	0.00000194	0.0000791	0.000652	0.0014	0.000163
2114 Jun	0.000493	0.00111	0.189	0.0000101	1.78	3.75	0.0819	0.000225	6.25	0.00159	0.011	0.000697	0.000212	0.000106	0.145	0.00000201	0.000073	0.00103	0.00181	0.0000907
2114 Jul	0.000461	0.00113	0.185	0.0000109	1.76	3.64	0.076	0.000231	6.12	0.00162	0.0115	0.000645	0.00022	0.000104	0.14	0.00000215	0.0000754	0.000984	0.00191	0.000152
2114 Aug	0.00045	0.00117	0.185	0.0000115	1.79	3.69	0.0735	0.000265	6.22	0.00167	0.0118	0.000618	0.000217	0.000106	0.14	0.00000226	0.0000794	0.000945	0.00194	0.000238
2114 Sep	0.000305	0.00104	0.14	0.0000107	1.48	2.89	0.046	0.000377	5.23	0.00139	0.011	0.000359	0.000139	0.0000811	0.11	0.0000021	0.0000789	0.000602	0.00156	0.000268
2114 Oct	0.000221	0.000993	0.115	0.0000102	1.28	2.44	0.0291	0.000458	4.64	0.00121	0.0108	0.000201	0.0000904	0.0000633	0.0917	0.00000198	0.0000818	0.000411	0.00131	0.000292
2114 Nov	0.000178	0.000967	0.103	0.00000986	1.19	2.2	0.0206	0.000498	4.34	0.00111	0.0107	0.000121	0.000065	0.000054	0.0824	0.00000192	0.0000829	0.000314	0.00119	0.000282
2114 Dec	0.000177	0.000966	0.102	0.00000985	1.18	2.2	0.0204	0.0005	4.33	0.00111	0.0107	0.000119	0.0000649	0.0000539	0.0822	0.00000192	0.000083	0.000311	0.00119	0.000293
2115 Jan	0.000177	0.000966	0.102	0.00000986	1.18	2.2	0.0204	0.0005	4.33	0.00112	0.0107	0.000119	0.0000651	0.000054	0.0823	0.00000192	0.0000831	0.000311	0.00119	0.000297
2115 Feb	0.000177	0.000967	0.102	0.00000986	1.18	2.2	0.0204	0.0005	4.33	0.00112	0.0107	0.000119	0.0000652	0.0000541	0.0823	0.00000192	0.0000831	0.000311	0.00119	0.000301
2115 Mar	0.000177	0.000968	0.102	0.00000987	1.18	2.21	0.0204	0.000501	4.34	0.00112	0.0107	0.000119	0.0000654	0.0000541	0.0824	0.00000192	0.0000832	0.000312	0.00119	0.000303
2115 Apr	0.000178	0.000975	0.103	0.00000995	1.19	2.22	0.0206	0.000504	4.37	0.00113	0.0108	0.00012	0.0000659	0.0000546	0.083	0.00000193	0.0000839	0.000314	0.0012	0.000305
2115 May	0.000382	0.00109	0.158	0.00000994	1.59	3.26	0.0593	0.00037	5.73	0.00142	0.0111	0.000482	0.000137	0.0000872	0.125	0.00000196	0.0000799	0.00074	0.00147	0.000178
2115 Jun	0.000538	0.00119	0.203	0.0000104	1.91	4.08	0.0891	0.000262	6.8	0.00168	0.0116	0.000759	0.000206	0.000114	0.157	0.00000206	0.0000782	0.00109	0.00178	0.0000897
2115 Jul	0.000478	0.00118	0.191	0.0000109	1.81	3.75	0.0779	0.000263	6.42	0.00162	0.0117	0.000665	0.000193	0.000106	0.145	0.00000215	0.000077	0.000954	0.00177	0.000108
2115 Aug	0.000289	0.000987	0.134	0.0000103	1.41	2.64	0.0442	0.000307	4.99	0.0013	0.01	0.00036	0.000119	0.0000785	0.103	0.00000204	0.0000674	0.00052	0.00144	0.000145
2115 Sep	0.000222	0.000925	0.112	0.0000103	1.29	2.35	0.0318	0.000375	4.58	0.00122	0.00955	0.000233	0.0000899	0.0000711	0.0911	0.00000201	0.0000686	0.000365	0.00131	0.000247
2115 Oct	0.000207	0.000931	0.108	0.0000102	1.26	2.33	0.0285	0.000406	4.48	0.00121	0.0097	0.0002	0.000085	0.000068	0.0885	0.00000198	0.0000722	0.000339	0.00127	0.000335
2115 Nov	0.000185	0.000934	0.102	0.00001	1.21	2.23	0.0236	0.000445	4.35	0.00116	0.00994	0.000153	0.0000717	0.0000615	0.084	0.00000195	0.0000757	0.0003	0.00121	0.000329
2115 Dec	0.000185	0.000935	0.102	0.00001	1.21	2.23	0.0234	0.000447	4.35	0.00115	0.00996	0.000151	0.0000714	0.0000613	0.0838	0.00000195	0.0000759	0.000299	0.00121	0.000334
2116 Jan	0.000185	0.000935	0.102	0.00001	1.21	2.23	0.0234	0.000447	4.35	0.00116	0.00995	0.000151	0.0000717	0.0000614	0.0839	0.00000195	0.000076	0.000299	0.00121	0.000341
2116 Feb	0.000185	0.000936	0.102	0.0000101	1.21	2.23	0.0235	0.000448	4.35	0.00116	0.00996	0.000151	0.0000718	0.0000615	0.0839	0.00000195	0.0000761	0.000299	0.00121	0.000343
2116 Mar	0.000185	0.000937	0.102	0.0000101	1.21	2.24	0.0235	0.000448	4.36	0.00116	0.00997	0.000151	0.0000719	0.0000615	0.084	0.00000195	0.0000762	0.000299	0.00121	0.000343
2116 Apr	0.000186	0.000943	0.103	0.0000101	1.22	2.25	0.0237	0.000451	4.39	0.00117	0.01	0.000152	0.0000724	0.000062	0.0846	0.00000196	0.0000767	0.000302	0.00122	0.000346
2116 May	0.000329	0.00104	0.143	0.0000102	1.5	3.02	0.0502	0.000377	5.36	0.00137	0.0105	0.000398	0.000123	0.0000837	0.114	0.00000198	0.000077	0.000608	0.00141	0.000288
2116 Jun	0.000395	0.000937	0.159	0.00000949	1.51	3.04	0.0659	0.000166	5.17	0.00139	0.00991	0.000559	0.000211	0.000089	0.119	0.00000189	0.0000626	0.000894	0.00179	0.0000523
2116 Jul	0.00033	0.000904	0.146	0.0000103	1.41	2.7	0.0544	0.000162	4.7	0.00137	0.0102	0.000454	0.000227	0.0000813	0.105	0.00000204	0.0000634	0.000817	0.00197	0.0000877
2116 Aug	0.000309	0.00093	0.142	0.0000108	1.43	2.68	0.05	0.000213	4.77	0.00139	0.0104	0.000408	0.000209	0.0000815	0.104	0.00000213	0.0000666	0.000739	0.00193	0.000145
2116 Sep	0.000215	0.00091	0.113	0.0000102	1.25	2.25	0.0303	0.000365	4.36	0.0012	0.0102	0.000218	0.000122	0.0000638	0.0872	0.000002	0.0000725	0.000457	0.0015	0.000197
2116 Oct	0.00016	0.000933	0.0978	0.00000985	1.14	2.02	0.0176	0.000484	4.17	0.00107	0.0106	0.0000956	0.0000657	0.0000503	0.0776	0.00000193	0.0000804	0.000294	0.00122	0.000221
2116 Nov	0.000155	0.00094	0.0968	0.00000987	1.14	2.02	0.0165	0.000498	4.17	0.00107	0.0107	0.0000851	0.0000618	0.0000496	0.0771	0.00000193	0.0000816	0.000281	0.0012	0.000243
2116 Dec	0.000155	0.00094	0.0968	0.00000987	1.14	2.03	0.0165	0.000498	4.16	0.00107	0.0106	0.000085	0.0000622	0.0000497	0.0772	0.00000193	0.0000817	0.000281	0.0012	0.000252
2117 Jan	0.000155	0.00094	0.0967	0.00000987	1.14	2.03	0.0165	0.000498	4.16	0.00107	0.0106	0.000085	0.0000623	0.0000498	0.0772	0.00000193	0.0000817	0.000281	0.0012	0.000256
2117 Feb	0.000155	0.00094	0.0967	0.00000987	1.14	2.03	0.0165	0.000498	4.16	0.00107	0.0106	0.000085	0.0000623	0.0000498	0.0772	0.00000193	0.0000817	0.000281	0.0012	0.000256
2117 Mar	0.000156	0.000942	0.0969	0.00000989	1.14	2.03	0.0166	0.000499	4.17	0.00108	0.0107	0.0000851	0.0000624	0.0000498	0.0773	0.00000193	0.0000819	0.000281	0.00121	0.000257
2117 Apr	0.000157	0.00095	0.0978	0.00000998	1.15	2.05	0.0167	0.000503	4.21	0.00109	0.0108	0.0000859	0.000063	0.0000503	0.078	0.00000195	0.0000826	0.000284	0.00122	0.000259
2117 May	0.000307	0.00105	0.139	0.0000101	1.45	2.85	0.045	0.000415	5.24	0.00131	0.0111	0.000349	0.000114	0.0000748	0.109	0.00000198	0.000081	0.000593	0.00141	0.000187
2117 Jun	0.000477	0.00111	0.186	0.0000102	1.76	3.66	0.0786	0.000244	6.2	0.00157	0.0111	0.000667	0.000202	0.000103	0.142	0.00000202	0.0000738	0.000997	0.00178	0.0000621
2117 Jul	0.000439	0.00112	0.18	0.0000108	1.71	3.48	0.0714	0.000247	6.01	0.00156	0.0114	0.000606	0.000201	0.0000991	0.135	0.00000214	0.0000746	0.000918	0.00184	0.0000968

Appendix C.2-6: B45

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2117 Aug	0.000376	0.00108	0.163	0.000011	1.61	3.17	0.06	0.000281	5.66	0.00149	0.0111	0.0005	0.000173	0.000092	0.123	0.00000217	0.0000736	0.00076	0.00173	0.000142
2117 Sep	0.000333	0.00106	0.149	0.0000109	1.54	2.98	0.0515	0.000332	5.41	0.00143	0.011	0.000416	0.000151	0.0000857	0.115	0.00000215	0.0000758	0.000655	0.00163	0.000212
2117 Oct	0.000273	0.00103	0.132	0.0000106	1.4	2.68	0.0394	0.000397	5.01	0.00131	0.0109	0.000302	0.000117	0.0000733	0.102	0.00000207	0.0000787	0.000522	0.00146	0.000238
2117 Nov	0.000255	0.00102	0.126	0.0000104	1.36	2.58	0.0358	0.000417	4.9	0.00127	0.0109	0.000268	0.000106	0.0000695	0.0987	0.00000204	0.0000794	0.000482	0.00141	0.000238
2117 Dec	0.000254	0.00102	0.126	0.0000104	1.36	2.58	0.0356	0.000418	4.89	0.00127	0.0109	0.000266	0.000106	0.0000694	0.0985	0.00000204	0.0000796	0.00048	0.00141	0.000248
2118 Jan	0.000254	0.00102	0.126	0.0000104	1.36	2.58	0.0356	0.000418	4.89	0.00127	0.0109	0.000266	0.000106	0.0000695	0.0985	0.00000204	0.0000796	0.00048	0.00141	0.000252
2118 Feb	0.000254	0.00102	0.126	0.0000104	1.36	2.58	0.0357	0.000418	4.89	0.00127	0.0109	0.000266	0.000106	0.0000695	0.0986	0.00000204	0.0000796	0.00048	0.00141	0.000252
2118 Mar	0.000254	0.00102	0.126	0.0000105	1.36	2.58	0.0357	0.000418	4.89	0.00127	0.0109	0.000266	0.000106	0.0000696	0.0986	0.00000204	0.0000797	0.00048	0.00141	0.000252
2118 Apr	0.000283	0.00105	0.134	0.0000105	1.43	2.76	0.0408	0.000417	5.14	0.00132	0.0111	0.000288	0.000111	0.0000717	0.105	0.00000205	0.0000807	0.00053	0.00142	0.000247
2118 May	0.000483	0.00116	0.187	0.0000102	1.79	3.78	0.0784	0.000305	6.45	0.00157	0.0113	0.000624	0.00017	0.000101	0.146	0.00000201	0.0000779	0.000939	0.00161	0.000125
2118 Jun	0.000479	0.00104	0.183	0.00000969	1.71	3.56	0.0804	0.000176	5.95	0.00153	0.0105	0.000686	0.000218	0.000102	0.139	0.00000193	0.0000668	0.00103	0.00181	0.0000305
2118 Jul	0.000447	0.00106	0.18	0.0000105	1.69	3.44	0.0745	0.000185	5.83	0.00155	0.011	0.000634	0.000226	0.0000997	0.134	0.00000208	0.0000692	0.000983	0.00193	0.0000655
2118 Aug	0.000306	0.00095	0.137	0.0000103	1.43	2.7	0.0483	0.000277	4.96	0.00134	0.00992	0.000389	0.00015	0.0000816	0.106	0.00000203	0.0000663	0.000614	0.00159	0.000158
2118 Sep	0.000184	0.000906	0.102	0.00000978	1.19	2.1	0.0234	0.000434	4.28	0.00111	0.00994	0.000151	0.0000725	0.0000576	0.0821	0.00000192	0.0000737	0.000322	0.00124	0.000201
2118 Oct	0.000151	0.000923	0.0938	0.00000966	1.12	1.98	0.0159	0.000498	4.13	0.00105	0.0103	0.0000795	0.0000504	0.0000491	0.076	0.00000189	0.0000796	0.00025	0.00113	0.00025
2118 Nov	0.000146	0.000926	0.0925	0.00000964	1.11	1.97	0.0147	0.000509	4.1	0.00104	0.0104	0.0000682	0.0000475	0.000048	0.0751	0.00000188	0.0000806	0.000239	0.00111	0.000272
2118 Dec	0.000146	0.000926	0.0925	0.00000965	1.11	1.97	0.0147	0.000509	4.1	0.00104	0.0104	0.0000682	0.0000475	0.000048	0.0751	0.00000188	0.0000807	0.000239	0.00111	0.000273
2119 Jan	0.000146	0.000926	0.0925	0.00000965	1.11	1.98	0.0147	0.000509	4.1	0.00104	0.0104	0.0000682	0.0000477	0.0000481	0.0751	0.00000188	0.0000807	0.000239	0.00111	0.000277
2119 Feb	0.000146	0.000927	0.0925	0.00000965	1.11	1.98	0.0148	0.000509	4.1	0.00104	0.0104	0.0000682	0.0000478	0.0000481	0.0752	0.00000188	0.0000808	0.000239	0.00111	0.00028
2119 Mar	0.000146	0.000929	0.0928	0.00000968	1.11	1.98	0.0148	0.000511	4.11	0.00104	0.0104	0.0000684	0.000048	0.0000482	0.0754	0.00000188	0.000081	0.00024	0.00111	0.000281
2119 Apr	0.000251	0.00103	0.122	0.00000981	1.34	2.6	0.0336	0.000494	4.98	0.00121	0.0109	0.000156	0.0000664	0.0000568	0.0992	0.00000191	0.0000837	0.000425	0.00117	0.000257
2119 May	0.000647	0.00128	0.229	0.0000097	2.11	4.69	0.108	0.000266	7.67	0.00177	0.0115	0.000776	0.000193	0.000113	0.181	0.00000193	0.000079	0.00123	0.0016	0.0000647
2119 Jun	0.000484	0.00106	0.185	0.00000979	1.73	3.63	0.0809	0.000193	6.04	0.00155	0.0106	0.000637	0.000216	0.000098	0.141	0.00000194	0.0000689	0.00103	0.0018	0.0000734
2119 Jul	0.00042	0.00103	0.172	0.0000105	1.63	3.31	0.0698	0.00019	5.59	0.00153	0.0109	0.000546	0.000229	0.0000919	0.128	0.00000209	0.0000696	0.00095	0.00196	0.000131
2119 Aug	0.000329	0.000977	0.145	0.0000106	1.49	2.86	0.0527	0.000269	5.14	0.0014	0.0104	0.000395	0.000174	0.0000825	0.111	0.00000209	0.0000689	0.000697	0.00173	0.000174
2119 Sep	0.000227	0.000919	0.114	0.0000102	1.29	2.34	0.0324	0.000381	4.54	0.00121	0.00995	0.000217	0.000107	0.0000663	0.0912	0.00000199	0.0000716	0.000434	0.00141	0.000232
2119 Oct	0.000183	0.000923	0.102	0.00000987	1.19	2.14	0.0227	0.000452	4.3	0.00112	0.0102	0.000133	0.0000746	0.0000557	0.0823	0.00000193	0.0000768	0.00033	0.00125	0.00025
2119 Nov	0.00017	0.000924	0.0988	0.00000978	1.16	2.07	0.0199	0.000472	4.22	0.00109	0.0103	0.000109	0.0000652	0.0000526	0.0797	0.00000191	0.0000782	0.000299	0.0012	0.000256
2119 Dec	0.00017	0.000924	0.0988	0.00000979	1.16	2.08	0.0199	0.000472	4.22	0.00109	0.0103	0.000109	0.0000655	0.0000527	0.0797	0.00000191	0.0000783	0.0003	0.0012	0.000262

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	33.7	0.0236	0.00482	0.000653	7.05	0.0191	2.61	0.000653	0.000653	0.00000326	0.00464	0.000764	0.00661	0.0123	0.00000326	10.6	0.00000724	0.000155
Operation (2024-2031): Mean	46.4	0.0739	0.00622	0.000944	11.1	0.0366	4.24	0.000944	0.000944	0.00000472	0.0072	0.00105	0.0104	0.0164	0.00000472	14.7	0.0000139	0.000197
Operation (2024-2031): Max	69.5	0.111	0.0148	0.00113	15.9	0.0474	5.68	0.00113	0.00113	0.00000567	0.0087	0.00154	0.0125	0.0293	0.00000567	24.1	0.0000204	0.000329
Active Closure (2032-2038): Min	34.4	0.0223	0.00473	0.000868	6.53	0.0213	2.35	0.000868	0.000868	0.00000434	0.00637	0.000829	0.00847	0.0116	0.00000434	10	0.0000132	0.000175
Active Closure (2032-2038): Mean	50.8	0.0692	0.00813	0.000979	11.8	0.0336	4.39	0.000979	0.000979	0.0000049	0.00746	0.00113	0.0105	0.0187	0.0000049	16.3	0.0000165	0.00023
Active Closure (2032-2038): Max	67.5	0.113	0.0149	0.00116	15.4	0.0454	5.53	0.00116	0.00116	0.00000578	0.00865	0.0015	0.0121	0.0283	0.00000578	23.4	0.0000204	0.000325
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Post Closure (2039-2119): Min	62.8	0.0628	0.0125	0.00112	14.2	0.03	5.11	0.000838	0.000663	0.00000365	0.00438	0.000871	0.0113	0.012	0.00000427	11.2	0.0000123	0.000196
Post Closure (2039-2119): Mean	87.4	0.103	0.458	0.0032	23.9	0.0367	18.3	0.0011	0.000879	0.00000461	0.00538	0.0016	0.0272	0.0168	0.00000496	16.6	0.000015	0.000307
Post Closure (2039-2119): Max	114	0.13	0.938	0.00446	31	0.0445	34	0.00154	0.00113	0.00000571	0.0082	0.00283	0.0395	0.0251	0.00000584	24	0.0000206	0.000451
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan	33.7	0.0321	0.00632	0.000653	7.47	0.0193	2.69	0.000653	0.000653	0.00000326	0.00464	0.000764	0.00661	0.0129	0.00000326	11	0.0000113	0.00016
2024 Feb	33.7	0.0321	0.00632	0.000653	7.47	0.0193	2.69	0.000653	0.000653	0.00000326	0.00464	0.000764	0.00661	0.0129	0.00000326	11	0.0000113	0.00016
2024 Mar	33.7	0.0322	0.00633	0.000653	7.48	0.0193	2.69	0.000653	0.000653	0.00000327	0.00465	0.000764	0.00661	0.0129	0.00000327	11	0.0000113	0.00016
2024 Apr	33.7	0.0322	0.00634	0.000654	7.49	0.0194	2.7	0.000654	0.000654	0.00000327	0.00466	0.000766	0.00662	0.0129	0.00000327	11	0.0000113	0.00016
2024 May	35	0.0331	0.00666	0.000667	7.78	0.0196	2.8	0.000667	0.000667	0.00000333	0.00474	0.000791	0.00673	0.0135	0.00000333	11.5	0.0000116	0.000167
2024 Jun	38.6	0.0345	0.00784	0.000686	8.63	0.0191	3.07	0.000686	0.000686	0.00000343	0.00485	0.000858	0.00678	0.0155	0.00000343	13	0.0000124	0.000187
2024 Jul	40.2	0.0355	0.00815	0.000721	8.96	0.02	3.19	0.000721	0.000721	0.0000036	0.00509	0.000896	0.00711	0.0161	0.0000036	13.5	0.0000131	0.000195
2024 Aug	41.4	0.0366	0.00833	0.000746	9.24	0.021	3.28	0.000746	0.000746	0.00000373	0.00524	0.000924	0.0074	0.0165	0.00000373	13.8	0.0000133	0.0002
2024 Sep	41.4	0.0378	0.0082	0.00075	9.28	0.0216	3.31	0.00075	0.00075	0.00000375	0.00527	0.000924	0.00752	0.0164	0.00000375	13.8	0.0000131	0.000198
2024 Oct	41.6	0.0389	0.00816	0.000754	9.34	0.022	3.34	0.000754	0.000754	0.00000377	0.00532	0.000928	0.00759	0.0164	0.00000377	13.9	0.0000131	0.000199
2024 Nov	41.7	0.0394	0.00815	0.000757	9.38	0.0221	3.35	0.000757	0.000757	0.00000378	0.00535	0.00093	0.00763	0.0164	0.00000378	13.9	0.0000132	0.000199
2024 Dec	41.7	0.0394	0.00815	0.000757	9.39	0.0222	3.36	0.000757	0.000757	0.00000379	0.00535	0.000931	0.00763	0.0164	0.00000379	13.9	0.0000132	0.000199
2025 Jan	41.7	0.0394	0.00815	0.000757	9.39	0.0222	3.36	0.000757	0.000757	0.00000379	0.00535	0.000931	0.00763	0.0164	0.00000379	13.9	0.0000132	0.000199
2025 Feb	41.7	0.0395	0.00816	0.000757	9.39	0.0222	3.36	0.000757	0.000757	0.00000379	0.00535	0.000931	0.00763	0.0165	0.00000379	13.9	0.0000132	0.000199
2025 Mar	41.7	0.0395	0.00816	0.000758	9.39	0.0222	3.36	0.000758	0.000758	0.00000379	0.00535	0.000931	0.00763	0.0165	0.00000379	13.9	0.0000132	0.000199
2025 Apr	41.7	0.0395	0.00816	0.000758	9.39	0.0222	3.36	0.000758	0.000758	0.00000379	0.00536	0.000932	0.00764	0.0165	0.00000379	13.9	0.0000132	0.000199
2025 May	42.3	0.04	0.00828	0.000769	9.53	0.0225	3.41	0.000769	0.000769	0.00000384	0.00543	0.000945	0.00775	0.0167	0.00000384	14.1	0.0000134	0.000202
2025 Jun	41.9	0.0382	0.00819	0.000781	9.29	0.0223	3.32	0.000781	0.000781	0.00000391	0.00555	0.000938	0.00787	0.0163	0.00000391	13.8	0.0000139	0.000202
2025 Jul	40.9	0.0349	0.00796	0.000798	8.89	0.0222	3.17	0.000798	0.000798	0.00000399	0.00565	0.000928	0.00798	0.0157	0.00000399	13.3	0.0000144	0.000198
2025 Aug	43.6	0.0377	0.00821	0.000868	9.62	0.0258	3.44	0.000868	0.000868	0.00000434	0.00598	0.001	0.00894	0.0166	0.00000434	14.2	0.0000142	0.000208
2025 Sep	46.7	0.0646	0.00675	0.000947	11.2	0.0363	4.14	0.000947	0.000947	0.00000474	0.00679	0.00106	0.0109	0.0166	0.00000474	14.9	0.0000125	0.000205
2025 Oct	46.9	0.0848	0.00565	0.000935	11.6	0.039	4.46	0.000935	0.000935	0.00000468	0.00734	0.00104	0.0108	0.0162	0.00000468	14.8	0.0000132	0.000195
2025 Nov	46.5	0.0885	0.00534	0.000922	11.6	0.0392	4.48	0.000922	0.000922	0.00000461	0.00738	0.00103	0.0107	0.016	0.00000461	14.6	0.0000132	0.00019
2025 Dec	46.6	0.0887	0.00535	0.000923	11.6	0.0393	4.48	0.000923	0.000923	0.00000462	0.00739	0.00103	0.0107	0.016	0.00000462	14.6	0.0000132	0.00019
2026 Jan	46.6	0.0887	0.00535	0.000924	11.6	0.0393	4.48	0.000924	0.000924	0.00000462	0.00739	0.00103	0.0107	0.016	0.00000462	14.6	0.0000132	0.000191
2026 Feb	46.6	0.0887	0.00535	0.000924	11.6	0.0393	4.48	0.000924	0.000924	0.00000462	0.00739	0.00103	0.0107	0.016	0.00000462	14.6	0.0000132	0.000191
2026 Mar	46.6	0.0888	0.00536	0.000925	11.6	0.0393	4.49	0.000925	0.000925	0.00000462	0.0074	0.00103	0.0107	0.016	0.00000462	14.6	0.0000133	0.000191
2026 Apr	47	0.0895	0.0054	0.000932	11.7	0.0396	4.52	0.000932	0.000932	0.00000466	0.00746	0.00104	0.0108	0.0161	0.00000466	14.8	0.0000134	0.000192
2026 May	48.6	0.092	0.00564	0.00096	12.1	0.0407	4.67	0.00096	0.00096	0.0000048	0.00768	0.00107	0.0111	0.0167	0.0000048	15.3	0.0000138	0.000199
2026 Jun	45.3	0.0499	0.00778	0.000947	9.8	0.0279	3.58	0.000947	0.000947	0.00000474	0.0072	0.00102	0.00994	0.0162	0.00000474	14.1	0.0000179	0.000218
2026 Jul	45.2	0.04	0.00773	0.00104	9.57	0.0312	3.53	0.00104	0.00104	0.00000519	0.00732	0.00109	0.0103	0.0163	0.00000519	14	0.0000174	0.000209
2026 Aug	43.3	0.0345	0.00628	0.00106	10.3	0.0427	3.8	0.00106	0.00106	0.00000532	0.00595	0.00115	0.0115	0.0157	0.00000532	13.8	0.00000724	0.000176
2026 Sep	48.5	0.0739	0.00582	0.00105	12	0.0453	4.56	0.00105	0.00105	0.00000525	0.00721	0.00114	0.0123	0.0167	0.00000525	15.3	0.0000104	0.000198
2026 Oct	49.5	0.101	0.00509	0.000992	12.5	0.0442	4.9	0.000992	0.000992	0.00000496	0.00803	0.0011	0.0116	0.0167	0.00000496	15.4	0.0000136	0.000195
2026 Nov	50	0.103	0.00515	0.001	12.7	0.0447	4.96	0.001	0.001	0.00000502	0.00813	0.00111	0.0117	0.0169	0.00000502	15.6	0.0000138	0.000198
2026 Dec	50.1	0.103	0.00516	0.001	12.7	0.0448	4.97	0.001	0.001	0.00000502	0.00814	0.00111	0.0117	0.017	0.00000502	15.6	0.0000138	0.000198
2027 Jan	50.1	0.103	0.00516	0.001	12.7	0.0448	4.97	0.001	0.001	0.00000502	0.00814	0.00111	0.0117	0.017	0.00000502	15.6	0.0000138	0.000198
2027 Feb	50.1	0.103	0.00516	0.00101	12.7	0.0448	4.97	0.00101	0.00101	0.00000503	0.00814	0.00111	0.0117	0.017	0.00000503	15.6	0.0000138	0.000198
2027 Mar	50.2	0.103	0.00517	0.00101	12.7	0.0449	4.98	0.00101	0.00101	0.00000504	0.00816	0.00111	0.0118	0.017	0.00000504	15.7	0.0000138	0.000199
2027 Apr	51.1	0.105	0.00526	0.00102	12.9	0.0456	5.06	0.00102	0.00102	0.00000512	0.0083	0.00113	0.012	0.0173	0.00000512	15.9	0.0000141	0.000202
2027 May	54.9	0.109	0.00603	0.00108	13.9	0.0474	5.4	0.00108	0.00108	0.00000539	0.0087	0.00121	0.0125	0.0189	0.00000539	17.3	0.000015	0.00022
2027 Jun	43.1	0.0412	0.00751	0.000968	8.87	0.0265	3.22	0.000968	0.000968	0.00000484	0.00734	0.000985	0.01	0.015	0.00000484	13.1	0.0000191	0.000213
2027 Jul	40.7	0.0242	0.00735	0.00104	7.76	0.0267	2.8	0.00104	0.00104	0.00000522	0.00746	0.001	0.0103	0.0139	0.00000522	11.9	0.0000199	0.000203
2027 Aug	44.3	0.0342	0.00684	0.00108	9.91	0.0387	3.59	0.00108	0.00108	0.00000542	0.00668	0.00112	0.012	0.0154	0.00000542	13.7	0.0000117	0.000198
2027 Sep	48.3	0.0827	0.00553	0.00101	12.1	0.0439	4.59	0.00101	0.00101	0.00000504	0.00738	0.0011	0.0122	0.0163	0.00000504	15.1	0.0000114	0.000199
2027 Oct	49.7	0.104	0.00505	0.000987	12.6	0.0441	4.94	0.000987	0.000987	0.00000494	0.00813	0.00109	0.0116	0.0167	0.00000494	15.5	0.000014	0.000197
2027 Nov	50	0.106	0.00504	0.00099	12.7	0.0443	4.99	0.00099	0.00099	0.00000495	0.00821	0.0011	0.0116	0.0168	0.00000495	15.6	0.0000142	0.000198
2027 Dec	50	0.106	0.00503	0.00099	12.7	0.0443	4.99	0.00099	0.00099	0.00000495	0.00821	0.00109	0.0116	0.0168	0.00000495	15.6	0.0000142	0.000198
2028 Jan	50	0.106	0.00503	0.00099	12.7	0.0443	4.99	0.00099	0.00099	0.00000495	0.00821	0.00109	0.0116	0.0168	0.00000495	15.6	0.0000142	0.000198
2028 Feb	50	0.106	0.00504	0.00099	12.7	0.0443	4.99	0.00099	0.00099	0.00000495	0.00821	0.0011	0.0116	0.0169	0.00000495	15.6	0.0000142	0.000198
2028 Mar	50.1	0.106	0.00504	0.000991	12.7	0.0443	4.99	0.000991	0.000991	0.00000495	0.00822	0.0011	0.0116	0.0169	0.00000495	15.6	0.0000142	0.000198
2028 Apr	50.5	0.107	0.00509	0.001	12.8	0.0447	5.04	0.001	0.001	0.000005	0.00829	0.00111	0.0117	0.017	0.000005	15.7	0.0000144	0.0002
2028 May	52.5	0.111	0.0053	0.00104	13.3	0.0465	5.24	0.00104	0.00104	0.0000052	0.00862	0.00115	0.0122	0.0177	0.0000052	16.4	0.0000149	0.000208

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Jun	41.3	0.0481	0.00623	0.000985	8.57	0.0294	3.19	0.000985	0.000985	0.00000492	0.00766	0.000951	0.0105	0.0135	0.00000492	12.1	0.000019	0.000198
2028 Jul	39.7	0.0272	0.00683	0.00104	7.49	0.0269	2.72	0.00104	0.00104	0.00000522	0.00767	0.000968	0.0105	0.013	0.00000522	11.4	0.0000204	0.0002
2028 Aug	44.6	0.0338	0.00721	0.00113	9.17	0.0344	3.32	0.00113	0.00113	0.00000567	0.00779	0.0011	0.0121	0.0149	0.00000567	13.2	0.0000178	0.000214
2028 Sep	48.2	0.0746	0.00604	0.00106	11.4	0.041	4.32	0.00106	0.00106	0.0000053	0.00797	0.00111	0.0121	0.0161	0.0000053	14.8	0.0000151	0.000207
2028 Oct	48.8	0.106	0.00485	0.000961	12.4	0.0429	4.88	0.000961	0.000961	0.00000481	0.00812	0.00106	0.0112	0.0164	0.00000481	15.2	0.0000144	0.000192
2028 Nov	49.5	0.108	0.00491	0.000974	12.6	0.0435	4.96	0.000974	0.000974	0.00000487	0.00824	0.00108	0.0113	0.0167	0.00000487	15.4	0.0000146	0.000195
2028 Dec	49.6	0.108	0.00491	0.000976	12.6	0.0436	4.97	0.000976	0.000976	0.00000488	0.00825	0.00108	0.0114	0.0167	0.00000488	15.4	0.0000146	0.000195
2029 Jan	49.6	0.108	0.00491	0.000976	12.6	0.0436	4.97	0.000976	0.000976	0.00000488	0.00825	0.00108	0.0114	0.0167	0.00000488	15.4	0.0000146	0.000195
2029 Feb	49.6	0.108	0.00491	0.000976	12.6	0.0436	4.97	0.000976	0.000976	0.00000488	0.00825	0.00108	0.0114	0.0167	0.00000488	15.4	0.0000146	0.000195
2029 Mar	49.6	0.108	0.00492	0.000977	12.6	0.0437	4.97	0.000977	0.000977	0.00000488	0.00826	0.00108	0.0114	0.0167	0.00000488	15.4	0.0000146	0.000195
2029 Apr	49.8	0.108	0.00493	0.00098	12.6	0.0438	4.99	0.00098	0.00098	0.0000049	0.00828	0.00108	0.0114	0.0168	0.0000049	15.5	0.0000147	0.000196
2029 May	51.1	0.111	0.00507	0.00101	13	0.0449	5.12	0.00101	0.00101	0.00000503	0.0085	0.00111	0.0117	0.0172	0.00000503	15.9	0.0000151	0.000201
2029 Jun	49.5	0.0856	0.00623	0.00103	11.6	0.0388	4.48	0.00103	0.00103	0.00000517	0.00842	0.0011	0.0115	0.0168	0.00000517	15.2	0.0000177	0.000214
2029 Jul	36.1	0.0247	0.00606	0.000953	7.05	0.0266	2.61	0.000953	0.000953	0.00000476	0.00671	0.000914	0.00928	0.0123	0.00000476	10.6	0.0000168	0.000172
2029 Aug	41	0.0312	0.00606	0.00103	9.38	0.039	3.46	0.00103	0.00103	0.00000517	0.00606	0.00108	0.011	0.0145	0.00000517	12.8	0.00000912	0.000173
2029 Sep	47.5	0.0738	0.00568	0.00103	11.7	0.0437	4.44	0.00103	0.00103	0.00000516	0.00726	0.00111	0.012	0.0162	0.00000516	14.9	0.0000112	0.000195
2029 Oct	48.9	0.0962	0.00517	0.000994	12.3	0.0438	4.79	0.000994	0.000994	0.00000497	0.00789	0.00109	0.0116	0.0165	0.00000497	15.2	0.0000133	0.000195
2029 Nov	48.4	0.1	0.00496	0.000969	12.2	0.043	4.8	0.000969	0.000969	0.00000484	0.00791	0.00107	0.0113	0.0163	0.00000484	15.1	0.0000136	0.000191
2029 Dec	48.4	0.1	0.00496	0.00097	12.2	0.0431	4.8	0.00097	0.00097	0.00000485	0.00792	0.00107	0.0113	0.0164	0.00000485	15.1	0.0000136	0.000192
2030 Jan	48.4	0.1	0.00496	0.00097	12.2	0.0431	4.8	0.00097	0.00097	0.00000485	0.00792	0.00107	0.0113	0.0164	0.00000485	15.1	0.0000136	0.000192
2030 Feb	48.5	0.1	0.00496	0.00097	12.2	0.0431	4.8	0.00097	0.00097	0.00000485	0.00792	0.00107	0.0113	0.0164	0.00000485	15.1	0.0000136	0.000192
2030 Mar	48.5	0.1	0.00497	0.000972	12.3	0.0432	4.81	0.000972	0.000972	0.00000486	0.00794	0.00107	0.0113	0.0164	0.00000486	15.1	0.0000137	0.000192
2030 Apr	48.8	0.101	0.00499	0.000976	12.3	0.0434	4.83	0.000976	0.000976	0.00000488	0.00797	0.00108	0.0114	0.0165	0.00000488	15.2	0.0000137	0.000193
2030 May	50.8	0.105	0.00521	0.00102	12.8	0.0452	5.04	0.00102	0.00102	0.00000509	0.00831	0.00112	0.0119	0.0172	0.00000509	15.8	0.0000143	0.000201
2030 Jun	42	0.0527	0.00608	0.000992	8.91	0.031	3.34	0.000992	0.000992	0.00000496	0.00772	0.000967	0.0107	0.0137	0.00000496	12.3	0.0000184	0.000197
2030 Jul	37.3	0.0254	0.00608	0.000994	7.42	0.0293	2.77	0.000994	0.000994	0.00000497	0.0068	0.000965	0.00956	0.0128	0.00000497	11	0.0000161	0.000171
2030 Aug	39.6	0.0236	0.00596	0.00107	8.8	0.0392	3.35	0.00107	0.00107	0.00000533	0.00605	0.00112	0.0101	0.0147	0.00000533	12.4	0.00000936	0.000155
2030 Sep	45.3	0.0463	0.00618	0.00111	10.6	0.0437	4.02	0.00111	0.00111	0.00000555	0.00684	0.00118	0.0116	0.0162	0.00000555	14.2	0.0000102	0.000181
2030 Oct	47.7	0.0858	0.00529	0.00101	11.8	0.0434	4.61	0.00101	0.00101	0.00000507	0.00768	0.00111	0.0113	0.0164	0.00000507	14.9	0.0000129	0.000188
2030 Nov	48.1	0.0937	0.0051	0.000992	12	0.0432	4.71	0.000992	0.000992	0.00000496	0.00784	0.00109	0.0113	0.0164	0.00000496	15	0.0000134	0.000189
2030 Dec	48.1	0.0938	0.00511	0.000993	12	0.0433	4.72	0.000993	0.000993	0.00000496	0.00785	0.00109	0.0113	0.0164	0.00000496	15	0.0000134	0.000189
2031 Jan	48.1	0.0938	0.00511	0.000993	12	0.0433	4.72	0.000993	0.000993	0.00000496	0.00785	0.00109	0.0113	0.0164	0.00000496	15	0.0000134	0.000189
2031 Feb	48.1	0.0938	0.00511	0.000993	12	0.0433	4.72	0.000993	0.000993	0.00000496	0.00785	0.00109	0.0113	0.0164	0.00000496	15	0.0000134	0.000189
2031 Mar	48.2	0.0938	0.00511	0.000994	12	0.0433	4.72	0.000994	0.000994	0.00000497	0.00785	0.00109	0.0113	0.0164	0.00000497	15	0.0000134	0.000189
2031 Apr	48.8	0.0952	0.00519	0.00101	12.2	0.0439	4.79	0.00101	0.00101	0.00000504	0.00797	0.00111	0.0114	0.0167	0.00000504	15.2	0.0000136	0.000192
2031 May	56.4	0.0961	0.0077	0.00105	13.9	0.0428	5.33	0.00105	0.00105	0.00000526	0.00816	0.00125	0.0116	0.0207	0.00000526	18.3	0.0000152	0.000234
2031 Jun	67.8	0.0651	0.0148	0.000997	15.7	0.0266	5.54	0.000997	0.000997	0.00000499	0.00715	0.00144	0.00954	0.0288	0.00000499	23.8	0.0000192	0.000329
2031 Jul	69.5	0.0616	0.0147	0.00113	15.9	0.0317	5.68	0.00113	0.00113	0.00000564	0.00773	0.00154	0.0105	0.0293	0.00000564	24.1	0.0000197	0.000329
2031 Aug	48.1	0.0375	0.00801	0.00106	11.3	0.0404	4.17	0.00106	0.00106	0.00000531	0.00604	0.00123	0.0108	0.0186	0.00000531	15.9	0.00000883	0.0002
2031 Sep	47.7	0.0827	0.00549	0.00098	12	0.043	4.57	0.00098	0.00098	0.0000049	0.0072	0.00108	0.0117	0.0163	0.0000049	15	0.0000111	0.000195
2031 Oct	48.8	0.107	0.00482	0.000958	12.4	0.0431	4.9	0.000958	0.000958	0.00000479	0.00809	0.00106	0.0112	0.0165	0.00000479	15.2	0.0000142	0.000192
2031 Nov	49.3	0.108	0.00486	0.000966	12.5	0.0434	4.95	0.000966	0.000966	0.00000483	0.00817	0.00107	0.0113	0.0166	0.00000483	15.3	0.0000144	0.000193
2031 Dec	49.3	0.108	0.00486	0.000967	12.5	0.0435	4.95	0.000967	0.000967	0.00000484	0.00818	0.00107	0.0113	0.0166	0.00000484	15.4	0.0000144	0.000193
2032 Jan	49.3	0.108	0.00486	0.000967	12.5	0.0435	4.95	0.000967	0.000967	0.00000484	0.00818	0.00107	0.0113	0.0166	0.00000484	15.4	0.0000144	0.000193
2032 Feb	49.3	0.108	0.00486	0.000967	12.5	0.0435	4.95	0.000967	0.000967	0.00000484	0.00818	0.00107	0.0113	0.0166	0.00000484	15.4	0.0000144	0.000193
2032 Mar	49.4	0.108	0.00486	0.000968	12.6	0.0435	4.96	0.000968	0.000968	0.00000484	0.00818	0.00107	0.0113	0.0166	0.00000484	15.4	0.0000144	0.000194
2032 Apr	49.8	0.109	0.00491	0.000976	12.7	0.0439	5	0.000976	0.000976	0.00000488	0.00825	0.00108	0.0114	0.0168	0.00000488	15.5	0.0000145	0.000195
2032 May	52.4	0.113	0.00535	0.00102	13.3	0.0454	5.24	0.00102	0.00102	0.00000509	0.00858	0.00114	0.0118	0.0178	0.00000509	16.4	0.0000152	0.000207
2032 Jun	43.6	0.0462	0.00746	0.000954	9.15	0.0268	3.34	0.000954	0.000954	0.00000477	0.00735	0.000987	0.00992	0.0153	0.00000477	13.3	0.000019	0.000213
2032 Jul	34.4	0.0223	0.00623	0.000868	6.53	0.0216	2.35	0.000868	0.000868	0.00000434	0.00637	0.000829	0.00865	0.0116	0.00000434	10	0.0000173	0.000175
2032 Aug	37	0.0256	0.00633	0.000924	7.48	0.0266	2.7	0.000924	0.000924	0.00000462	0.00638	0.000908	0.00952	0.0126	0.00000462	11	0.0000154	0.000179
2032 Sep	42.8	0.0464	0.00638	0.000999	9.48	0.0341	3.49	0.000999	0.000999	0.000005	0.00702	0.00102	0.011	0.0145	0.000005	13	0.0000146	0.000196
2032 Oct	46.4	0.0684	0.00609	0.00102	10.8	0.0383	4.09	0.00102	0.00102	0.00000511	0.00765	0.00107	0.0114	0.0157	0.00000511	14.2	0.000015	0.000202
2032 Nov	47.1	0.0743	0.00596	0.00102	11.1	0.0393	4.24	0.00102	0.00102	0.00000511	0.00777	0.00108	0.0115	0.0159	0.00000511	14.5	0.0000151	0.000202
2032 Dec	47.1	0.079	0.00575	0.00101	11.3	0.0396	4.32	0.00101	0.00101	0.00000503	0.00779	0.00107	0.0114	0.0159	0.00000503	14.5	0.0000149	0.000199
2033 Jan	47.1	0.079	0.00575	0.00101	11.3	0.0396	4.32	0.00101	0.00101	0.00000503	0.00779	0.00107	0.0114	0.0159	0.00000503	14.5	0.0000149	0.000199
2033 Feb	47.1	0.0791	0.00575	0.00101	11.3	0.0396	4.32	0.00101	0.00101	0.00000503	0.00779	0.00107	0.0114	0.0159	0.00000503	14.5	0.0000149	0.000199
2033 Mar	47.3	0.0794	0.00577	0.00101	11.3	0.0398	4.34	0.00101	0.00101	0.00000505	0.00782	0.00107	0.0114	0.016	0.00000505	14.6	0.0000149	0.0002
2033 Apr	48.2	0.0809	0.00588	0.00103	11.5	0.0406	4.42	0.00103	0.00103	0.00000515	0.00797	0.00109	0.0117	0.0163	0.00000515	14.9	0.0000152	0.000204
2033 May	64.2	0.0784	0.0121	0.00104	15.3	0.0341	5.53	0.00104	0.00104	0.00000521	0.00768	0.00138	0.0108	0.0258	0.00000521	21.9	0.0000177	0.000296
2033 Jun	64.4	0.0526	0.0149	0.000912	14.7	0.0213	5.09	0.000912	0.000912	0.00000456	0.00641	0.00136	0.00847	0.0279	0.00000456	22.8	0.0000186	0.00032
2033 Jul	64.5	0.0502	0.0147	0.000983	14.6	0.0236	5.07	0.000983	0.000983	0.00000491	0.0068	0.00139	0.00908	0.0276	0.00000491	22.6	0.0000193	0.000319
2033 Aug	67.5	0.0526	0.0146	0.00111	15.4	0.0305	5.39	0.00111	0.00111	0.00000555	0.00735	0.0015	0.0106	0.0283	0.00000555	23.4	0.0000187	0.000325
2033 Sep	50.7	0.089	0.00635	0.000987	12.6	0.0416	4.81	0.000987	0.000987	0.00000493	0.00758	0.00112	0.0115	0.0178	0.00000493	16.2	0.0000132	0.000211
2033 Oct	46.7	0.1	0.00473	0.000913	11.8	0.0408	4.66	0.000913	0.000913	0.00000456	0.00766	0.00102	0.0106	0.0158	0.00000456	14.6	0.0000135	0.000184
2033 Nov	47	0.101	0.00474	0.000919	11.9	0.0411	4.7	0.000919	0.000919	0.0000046	0.00773	0.00102	0.0107	0.0159	0.0000046	14.7	0.0000136	0.000185
2033 Dec	47	0.101	0.00475	0.00092	11.9	0.0411	4.7	0.00092	0.00092	0.0000046	0.00774	0.00102	0.0107	0.0159	0.0000046	14.7	0.0000136	0.000185

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Jan	47	0.101	0.00475	0.00092	11.9	0.0411	4.7	0.00092	0.00092	0.0000046	0.00774	0.00102	0.0107	0.0159	0.0000046	14.7	0.0000136	0.000186
2034 Feb	47	0.101	0.00475	0.00092	11.9	0.0411	4.7	0.00092	0.00092	0.0000046	0.00774	0.00102	0.0107	0.0159	0.0000046	14.7	0.0000136	0.000186
2034 Mar	47.1	0.101	0.00475	0.000921	12	0.0412	4.71	0.000921	0.000921	0.00000461	0.00775	0.00103	0.0107	0.0159	0.00000461	14.7	0.0000137	0.000186
2034 Apr	47.6	0.102	0.0048	0.000931	12.1	0.0416	4.76	0.000931	0.000931	0.00000466	0.00783	0.00104	0.0109	0.0161	0.00000466	14.9	0.0000138	0.000188
2034 May	52.7	0.104	0.00639	0.000972	13.3	0.0415	5.14	0.000972	0.000972	0.00000486	0.00804	0.00114	0.0111	0.0187	0.00000486	16.9	0.0000149	0.000215
2034 Jun	61.2	0.0748	0.0119	0.000945	14.5	0.0294	5.23	0.000945	0.000945	0.00000472	0.00715	0.0013	0.00956	0.025	0.00000472	21	0.0000175	0.000286
2034 Jul	59.5	0.0661	0.0114	0.00101	13.8	0.031	4.99	0.00101	0.00101	0.00000505	0.00738	0.00131	0.00997	0.0239	0.00000505	20.1	0.0000179	0.000276
2034 Aug	64.5	0.0703	0.0118	0.00116	15.1	0.0385	5.47	0.00116	0.00116	0.00000578	0.00804	0.00144	0.0121	0.0253	0.00000578	21.6	0.0000175	0.000296
2034 Sep	51.8	0.0969	0.00625	0.001	12.9	0.0424	4.98	0.001	0.001	0.00000501	0.00799	0.00114	0.0115	0.0182	0.00000501	16.5	0.0000144	0.000213
2034 Oct	48.6	0.106	0.00483	0.00095	12.3	0.0426	4.87	0.00095	0.00095	0.00000475	0.00805	0.00106	0.0111	0.0164	0.00000475	15.1	0.0000142	0.000191
2034 Nov	49.2	0.107	0.00488	0.000962	12.5	0.0431	4.93	0.000962	0.000962	0.00000481	0.00814	0.00107	0.0112	0.0166	0.00000481	15.3	0.0000144	0.000193
2034 Dec	49.2	0.107	0.00489	0.000963	12.5	0.0432	4.94	0.000963	0.000963	0.00000481	0.00815	0.00107	0.0112	0.0166	0.00000481	15.3	0.0000144	0.000193
2035 Jan	49.2	0.107	0.00489	0.000963	12.5	0.0432	4.94	0.000963	0.000963	0.00000481	0.00815	0.00107	0.0112	0.0166	0.00000481	15.3	0.0000144	0.000193
2035 Feb	49.2	0.107	0.00489	0.000963	12.5	0.0432	4.94	0.000963	0.000963	0.00000482	0.00816	0.00107	0.0112	0.0166	0.00000482	15.3	0.0000144	0.000193
2035 Mar	49.3	0.108	0.00489	0.000964	12.5	0.0432	4.94	0.000964	0.000964	0.00000482	0.00816	0.00107	0.0112	0.0166	0.00000482	15.4	0.0000144	0.000193
2035 Apr	49.9	0.109	0.00495	0.000976	12.7	0.0437	5	0.000976	0.000976	0.00000488	0.00826	0.00108	0.0114	0.0168	0.00000488	15.5	0.0000146	0.000196
2035 May	54.5	0.113	0.00606	0.00103	13.8	0.0451	5.39	0.00103	0.00103	0.00000516	0.00865	0.00118	0.0119	0.0189	0.00000516	17.3	0.0000157	0.000219
2035 Jun	52	0.0504	0.0105	0.000921	11.5	0.0244	4.09	0.000921	0.000921	0.00000461	0.00689	0.00113	0.00917	0.0205	0.00000461	17.3	0.0000186	0.000256
2035 Jul	49.2	0.0421	0.00981	0.000953	10.4	0.0242	3.71	0.000953	0.000953	0.00000477	0.00706	0.00109	0.00944	0.0188	0.00000477	15.9	0.0000193	0.000245
2035 Aug	51	0.0439	0.00996	0.00101	11	0.027	3.9	0.00101	0.00101	0.00000503	0.00728	0.00115	0.0101	0.0194	0.00000503	16.5	0.0000191	0.000251
2035 Sep	47.4	0.048	0.00858	0.000941	10.5	0.0283	3.78	0.000941	0.000941	0.0000047	0.00682	0.00107	0.00986	0.0177	0.0000047	15.2	0.0000165	0.000227
2035 Oct	46.4	0.0519	0.00806	0.00092	10.4	0.0288	3.79	0.00092	0.00092	0.0000046	0.00678	0.00104	0.00974	0.0171	0.0000046	14.9	0.0000159	0.000219
2035 Nov	45.3	0.0529	0.00771	0.000898	10.2	0.0287	3.74	0.000898	0.000898	0.00000449	0.00666	0.00101	0.00954	0.0167	0.00000449	14.5	0.0000154	0.000212
2035 Dec	45.3	0.0529	0.00771	0.000898	10.2	0.0287	3.74	0.000898	0.000898	0.00000449	0.00666	0.00102	0.00955	0.0167	0.00000449	14.5	0.0000154	0.000212
2036 Jan	45.3	0.0529	0.00771	0.000898	10.2	0.0287	3.74	0.000898	0.000898	0.00000449	0.00666	0.00102	0.00955	0.0167	0.00000449	14.5	0.0000154	0.000212
2036 Feb	45.3	0.0529	0.00771	0.000898	10.2	0.0287	3.74	0.000898	0.000898	0.00000449	0.00666	0.00102	0.00955	0.0167	0.00000449	14.5	0.0000154	0.000212
2036 Mar	45.3	0.0529	0.00771	0.000898	10.2	0.0287	3.74	0.000898	0.000898	0.00000449	0.00666	0.00102	0.00955	0.0167	0.00000449	14.5	0.0000154	0.000212
2036 Apr	45.8	0.0534	0.00779	0.000905	10.3	0.0289	3.77	0.000905	0.000905	0.00000453	0.00671	0.00102	0.00963	0.0168	0.00000453	14.6	0.0000156	0.000214
2036 May	47.5	0.0553	0.00813	0.000936	10.7	0.0299	3.92	0.000936	0.000936	0.00000468	0.00693	0.00106	0.00994	0.0175	0.00000468	15.2	0.0000161	0.000222
2036 Jun	45.2	0.0474	0.00805	0.000911	9.93	0.0271	3.6	0.000911	0.000911	0.00000455	0.00673	0.00102	0.00953	0.0166	0.00000455	14.4	0.0000165	0.000217
2036 Jul	44.7	0.0443	0.00799	0.000927	9.67	0.0271	3.5	0.000927	0.000927	0.00000464	0.00682	0.00102	0.00962	0.0163	0.00000464	14.1	0.0000169	0.000215
2036 Aug	48	0.0475	0.00856	0.000997	10.4	0.0292	3.76	0.000997	0.000997	0.00000499	0.00731	0.00109	0.0103	0.0175	0.00000499	15.1	0.0000178	0.000231
2036 Sep	48	0.0486	0.00846	0.000997	10.4	0.0297	3.79	0.000997	0.000997	0.00000499	0.0073	0.00109	0.0104	0.0175	0.00000499	15.1	0.0000178	0.00023
2036 Oct	46.8	0.0502	0.00807	0.00097	10.3	0.0296	3.74	0.00097	0.00097	0.00000485	0.00716	0.00106	0.0102	0.017	0.00000485	14.8	0.0000172	0.000222
2036 Nov	46.5	0.0505	0.00798	0.000964	10.2	0.0296	3.73	0.000964	0.000964	0.00000482	0.00712	0.00106	0.0101	0.0169	0.00000482	14.7	0.000017	0.00022
2036 Dec	46.4	0.0505	0.00795	0.000961	10.2	0.0295	3.73	0.000961	0.000961	0.00000481	0.00711	0.00105	0.0101	0.0168	0.00000481	14.6	0.000017	0.00022
2037 Jan	46.4	0.0505	0.00795	0.000961	10.2	0.0295	3.73	0.000961	0.000961	0.00000481	0.00711	0.00105	0.0101	0.0168	0.00000481	14.6	0.000017	0.00022
2037 Feb	46.4	0.0505	0.00795	0.000961	10.2	0.0295	3.73	0.000961	0.000961	0.00000481	0.00711	0.00105	0.0101	0.0168	0.00000481	14.6	0.000017	0.00022
2037 Mar	46.5	0.0506	0.00796	0.000963	10.2	0.0296	3.74	0.000963	0.000963	0.00000481	0.00712	0.00106	0.0101	0.0169	0.00000481	14.7	0.000017	0.00022
2037 Apr	46.7	0.0508	0.008	0.000967	10.3	0.0297	3.75	0.000967	0.000967	0.00000483	0.00715	0.00106	0.0102	0.0169	0.00000483	14.7	0.0000171	0.000221
2037 May	49.5	0.0521	0.0089	0.000973	11	0.0293	3.97	0.000973	0.000973	0.00000487	0.00716	0.00111	0.0101	0.0185	0.00000487	15.9	0.0000174	0.000235
2037 Jun	49.4	0.0489	0.00952	0.00091	11	0.0261	3.95	0.00091	0.00091	0.00000455	0.00663	0.00109	0.00926	0.0192	0.00000455	16.3	0.0000167	0.000238
2037 Jul	51.5	0.0504	0.0099	0.000954	11.4	0.0273	4.1	0.000954	0.000954	0.00000477	0.00694	0.00114	0.00969	0.0199	0.00000477	16.9	0.0000175	0.000248
2037 Aug	53.8	0.0526	0.0103	0.001	12	0.0288	4.29	0.001	0.001	0.000005	0.00726	0.0012	0.0102	0.0208	0.000005	17.7	0.0000182	0.000259
2037 Sep	55	0.0543	0.0105	0.00102	12.3	0.0296	4.4	0.00102	0.00102	0.00000512	0.00743	0.00122	0.0104	0.0213	0.00000512	18.1	0.0000186	0.000264
2037 Oct	53.9	0.0551	0.0102	0.001	12.1	0.0296	4.34	0.001	0.001	0.00000502	0.00733	0.0012	0.0103	0.0208	0.00000502	17.7	0.0000182	0.000258
2037 Nov	54	0.0554	0.0102	0.00101	12.1	0.0297	4.35	0.00101	0.00101	0.00000503	0.00735	0.0012	0.0103	0.0208	0.00000503	17.7	0.0000182	0.000258
2037 Dec	54	0.0554	0.0102	0.00101	12.1	0.0297	4.35	0.00101	0.00101	0.00000503	0.00735	0.0012	0.0103	0.0208	0.00000503	17.7	0.0000182	0.000258
2038 Jan	54	0.0554	0.0102	0.00101	12.1	0.0297	4.35	0.00101	0.00101	0.00000503	0.00735	0.0012	0.0103	0.0208	0.00000503	17.7	0.0000182	0.000258
2038 Feb	54	0.0554	0.0102	0.00101	12.1	0.0297	4.35	0.00101	0.00101	0.00000503	0.00735	0.0012	0.0103	0.0208	0.00000503	17.7	0.0000182	0.000258
2038 Mar	54	0.0554	0.0102	0.00101	12.1	0.0297	4.35	0.00101	0.00101	0.00000503	0.00735	0.0012	0.0103	0.0208	0.00000503	17.7	0.0000182	0.000258
2038 Apr	54.2	0.0556	0.0102	0.00101	12.1	0.0298	4.37	0.00101	0.00101	0.00000505	0.00738	0.0012	0.0103	0.0209	0.00000505	17.8	0.0000182	0.000259
2038 May	55.7	0.0567	0.0106	0.00103	12.5	0.0301	4.48	0.00103	0.00103	0.00000513	0.00747	0.00123	0.0105	0.0216	0.00000513	18.3	0.0000186	0.000266
2038 Jun	56	0.0545	0.0111	0.000983	12.6	0.0278	4.49	0.000983	0.000983	0.00000492	0.00712	0.00123	0.00988	0.0222	0.00000492	18.7	0.0000182	0.00027
2038 Jul	59.5	0.0577	0.0118	0.00105	13.4	0.0296	4.77	0.00105	0.00105	0.00000525	0.0076	0.00131	0.0105	0.0236	0.00000525	19.9	0.0000194	0.000287
2038 Aug	62.6	0.0608	0.0124	0.00111	14.1	0.0314	5.02	0.00111	0.00111	0.00000553	0.008	0.00138	0.0111	0.0248	0.00000553	20.9	0.0000203	0.000302
2038 Sep	63	0.0619	0.0125	0.00112	14.2	0.0319	5.08	0.00111	0.00111	0.00000557	0.00805	0.00138	0.0113	0.0248	0.00000557	21	0.0000204	0.000303
2038 Oct	62.7	0.0625	0.0125	0.00112	14.2	0.032	5.09	0.00111	0.00111	0.00000553	0.00802	0.00137	0.0113	0.0246	0.00000553	20.8	0.0000202	0.0003
2038 Nov	62.8	0.0627	0.0125	0.00112	14.2	0.0321	5.1	0.00111	0.00111	0.00000554	0.00804	0.00137	0.0113	0.0246	0.00000554	20.8	0.0000202	0.000301
2038 Dec	62.8	0.0628	0.0125	0.00112	14.2	0.0321	5.11	0.00111	0.00111	0.00000554	0.00804	0.00137	0.0113	0.0246	0.00000555	20.9	0.0000202	0.000301
2039 Jan	62.8	0.0628	0.0125	0.00112	14.2	0.0321	5.11	0.00111	0.00111	0.00000554	0.00804	0.00138	0.0113	0.0246	0.00000555	20.9	0.0000202	0.000301
2039 Feb	62.8	0.0628	0.0125	0.00112	14.2	0.0321	5.11	0.00111	0.00111	0.00000554	0.00804	0.00138	0.0113	0.0246	0.00000555	20.9	0.0000202	0.000301
2039 Mar	62.9	0.0628	0.0125	0.00112	14.2	0.0321	5.11	0.00111	0.00111	0.00000555	0.00805	0.00138	0.0113	0.0247	0.00000555	20.9	0.0000202	0.000301
2039 Apr	63.1	0.063	0.0126	0.00112	14.3	0.0322	5.13	0.00111	0.00111	0.00000557	0.00807	0.00138	0.0114	0.0247	0.00000557	20.9	0.0000203	0.000302
2039 May	64.1	0.064	0.0128	0.00114	14.5	0.0327	5.21	0.00113	0.00113	0.00000566	0.0082	0.0014	0.0115	0.0251	0.00000566	21.3	0.0000206	0.000307
2039 Jun	63.8	0.071	0.188	0.00171	16.2	0.0313	5.87	0.00106	0.00106	0.00000534	0.00742	0.00125	0.013	0.0216	0.00000537	18.5	0.0000191	0.000277
2039 Jul	66	0.0833	0.395	0.00241	19	0.0312	6.97	0.00101	0.001	0.00000509	0.0066	0.00113	0.0149	0.0186	0.00000514	16.1	0.0000171	0.00025

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Aug	67.8	0.0869	0.437	0.00259	19.9	0.0324	7.32	0.00102	0.00102	0.00000519	0.00659	0.00115	0.0155	0.0185	0.00000524	16.1	0.0000169	0.000249
2039 Sep	69	0.0887	0.443	0.00263	20.2	0.0331	7.44	0.00105	0.00104	0.00000529	0.00673	0.00117	0.0158	0.0189	0.00000534	16.4	0.0000172	0.000254
2039 Oct	68.8	0.0887	0.439	0.00261	20.1	0.0332	7.41	0.00104	0.00104	0.00000528	0.00673	0.00117	0.0157	0.0188	0.00000533	16.4	0.0000171	0.000253
2039 Nov	68.9	0.0889	0.44	0.00261	20.2	0.0332	7.43	0.00105	0.00104	0.00000529	0.00675	0.00117	0.0158	0.0189	0.00000534	16.4	0.0000172	0.000254
2039 Dec	69	0.089	0.44	0.00262	20.2	0.0333	7.43	0.00105	0.00104	0.00000529	0.00675	0.00117	0.0158	0.0189	0.00000535	16.4	0.0000172	0.000254
2040 Jan	69	0.089	0.44	0.00262	20.2	0.0333	7.43	0.00105	0.00104	0.00000529	0.00675	0.00117	0.0158	0.0189	0.00000535	16.4	0.0000172	0.000254
2040 Feb	69	0.089	0.44	0.00262	20.2	0.0333	7.43	0.00105	0.00104	0.00000529	0.00675	0.00117	0.0158	0.0189	0.00000535	16.4	0.0000172	0.000254
2040 Mar	69	0.089	0.44	0.00262	20.2	0.0333	7.44	0.00105	0.00104	0.0000053	0.00675	0.00117	0.0158	0.0189	0.00000535	16.4	0.0000172	0.000254
2040 Apr	69.2	0.0893	0.441	0.00262	20.3	0.0334	7.46	0.00105	0.00105	0.00000531	0.00677	0.00117	0.0158	0.019	0.00000537	16.5	0.0000172	0.000255
2040 May	70.2	0.0903	0.444	0.00265	20.5	0.0337	7.55	0.00106	0.00106	0.00000538	0.00686	0.00119	0.016	0.0194	0.00000543	16.8	0.0000175	0.000259
2040 Jun	70.8	0.0937	0.517	0.00285	21.4	0.0318	7.86	0.001	0.001	0.0000051	0.0063	0.00114	0.0161	0.0187	0.00000516	16.2	0.0000165	0.000251
2040 Jul	73.8	0.1	0.584	0.00311	22.8	0.0329	8.38	0.00103	0.00103	0.00000522	0.00635	0.00115	0.0171	0.0186	0.00000529	16.2	0.0000167	0.000254
2040 Aug	75.7	0.102	0.596	0.00319	23.4	0.034	8.59	0.00106	0.00106	0.00000538	0.00654	0.00118	0.0176	0.0192	0.00000545	16.7	0.0000171	0.000261
2040 Sep	76	0.103	0.595	0.00319	23.4	0.0344	8.62	0.00107	0.00107	0.00000543	0.0066	0.00119	0.0177	0.0193	0.0000055	16.8	0.0000171	0.000262
2040 Oct	76.2	0.103	0.594	0.00319	23.5	0.0347	8.64	0.00107	0.00107	0.00000545	0.00664	0.0012	0.0177	0.0194	0.00000552	16.9	0.0000172	0.000263
2040 Nov	76.5	0.104	0.595	0.0032	23.5	0.0348	8.66	0.00108	0.00107	0.00000547	0.00667	0.0012	0.0178	0.0194	0.00000554	17	0.0000173	0.000264
2040 Dec	76.5	0.104	0.595	0.0032	23.6	0.0348	8.67	0.00108	0.00107	0.00000547	0.00667	0.0012	0.0178	0.0195	0.00000554	17	0.0000173	0.000264
2041 Jan	76.5	0.104	0.595	0.0032	23.6	0.0348	8.67	0.00108	0.00107	0.00000547	0.00667	0.0012	0.0178	0.0195	0.00000554	17	0.0000173	0.000264
2041 Feb	76.5	0.104	0.595	0.0032	23.6	0.0348	8.67	0.00108	0.00107	0.00000547	0.00667	0.0012	0.0178	0.0195	0.00000554	17	0.0000173	0.000264
2041 Mar	76.5	0.104	0.596	0.0032	23.6	0.0348	8.67	0.00108	0.00108	0.00000547	0.00667	0.0012	0.0178	0.0195	0.00000555	17	0.0000173	0.000264
2041 Apr	76.7	0.104	0.597	0.00321	23.6	0.0349	8.69	0.00108	0.00108	0.00000548	0.00669	0.00121	0.0178	0.0195	0.00000556	17	0.0000173	0.000265
2041 May	77.4	0.105	0.601	0.00323	23.8	0.0352	8.77	0.00109	0.00109	0.00000553	0.00675	0.00122	0.018	0.0197	0.00000561	17.2	0.0000175	0.000267
2041 Jun	73.9	0.101	0.614	0.00323	23	0.0333	8.47	0.00104	0.00104	0.0000053	0.00641	0.00113	0.0176	0.018	0.00000538	15.8	0.0000169	0.00025
2041 Jul	73.5	0.107	0.727	0.00359	24.2	0.0323	8.94	0.00098	0.000977	0.000005	0.00576	0.00103	0.0184	0.0156	0.00000509	13.9	0.0000154	0.000228
2041 Aug	76.5	0.111	0.754	0.00373	25.2	0.0338	9.3	0.00102	0.00102	0.00000522	0.00601	0.00107	0.0192	0.0163	0.00000532	14.5	0.000016	0.000237
2041 Sep	77.2	0.112	0.757	0.00375	25.4	0.0344	9.38	0.00104	0.00103	0.00000529	0.0061	0.00109	0.0194	0.0165	0.00000538	14.7	0.0000161	0.00024
2041 Oct	76.9	0.112	0.748	0.00372	25.2	0.0344	9.32	0.00104	0.00103	0.00000528	0.00612	0.00109	0.0193	0.0165	0.00000538	14.7	0.0000161	0.000239
2041 Nov	77.1	0.112	0.75	0.00373	25.3	0.0346	9.35	0.00104	0.00104	0.0000053	0.00614	0.00109	0.0193	0.0165	0.00000539	14.7	0.0000161	0.00024
2041 Dec	77.1	0.112	0.75	0.00373	25.3	0.0346	9.35	0.00104	0.00104	0.0000053	0.00615	0.00109	0.0193	0.0165	0.0000054	14.7	0.0000161	0.00024
2042 Jan	77.2	0.112	0.75	0.00373	25.3	0.0346	9.36	0.00104	0.00104	0.0000053	0.00615	0.00109	0.0193	0.0165	0.0000054	14.7	0.0000161	0.00024
2042 Feb	77.2	0.112	0.75	0.00373	25.3	0.0346	9.36	0.00104	0.00104	0.0000053	0.00615	0.00109	0.0193	0.0165	0.0000054	14.7	0.0000161	0.00024
2042 Mar	77.2	0.112	0.751	0.00373	25.3	0.0346	9.36	0.00104	0.00104	0.00000531	0.00615	0.00109	0.0193	0.0166	0.0000054	14.7	0.0000161	0.00024
2042 Apr	77.6	0.113	0.754	0.00375	25.4	0.0348	9.41	0.00105	0.00104	0.00000533	0.00618	0.0011	0.0194	0.0166	0.00000543	14.8	0.0000162	0.000242
2042 May	79	0.115	0.768	0.00382	25.9	0.0354	9.58	0.00106	0.00106	0.00000543	0.0063	0.00112	0.0198	0.017	0.00000553	15.1	0.0000165	0.000246
2042 Jun	75.7	0.109	0.738	0.00368	24.7	0.0338	9.13	0.00103	0.00103	0.00000528	0.00615	0.00107	0.0191	0.0161	0.00000537	14.4	0.0000163	0.000237
2042 Jul	74.4	0.108	0.747	0.00369	24.5	0.0334	9.03	0.00102	0.00102	0.0000052	0.006	0.00104	0.019	0.0155	0.00000529	13.8	0.000016	0.000229
2042 Aug	73.8	0.109	0.762	0.00373	24.6	0.0336	9.09	0.000999	0.000996	0.0000051	0.00576	0.00102	0.019	0.0149	0.00000519	13.4	0.000015	0.000222
2042 Sep	74.2	0.111	0.786	0.00381	25.1	0.0339	9.26	0.000988	0.000985	0.00000505	0.00562	0.001	0.0193	0.0146	0.00000515	13.2	0.0000145	0.000218
2042 Oct	74.3	0.113	0.8	0.00385	25.3	0.0339	9.37	0.000976	0.000973	0.00000499	0.00554	0.000987	0.0194	0.0143	0.00000509	13	0.0000142	0.000215
2042 Nov	74.6	0.114	0.804	0.00387	25.4	0.0341	9.41	0.000979	0.000976	0.00000501	0.00555	0.00099	0.0195	0.0144	0.00000511	13	0.0000142	0.000216
2042 Dec	74.6	0.114	0.804	0.00387	25.4	0.0341	9.41	0.00098	0.000976	0.00000501	0.00556	0.000991	0.0195	0.0144	0.00000511	13	0.0000142	0.000216
2043 Jan	74.6	0.114	0.804	0.00387	25.4	0.0341	9.41	0.00098	0.000976	0.00000501	0.00556	0.000991	0.0195	0.0144	0.00000511	13.1	0.0000142	0.000216
2043 Feb	74.6	0.114	0.804	0.00387	25.4	0.0341	9.41	0.00098	0.000976	0.00000501	0.00556	0.000991	0.0195	0.0144	0.00000511	13.1	0.0000142	0.000216
2043 Mar	74.6	0.114	0.804	0.00387	25.4	0.0341	9.41	0.00098	0.000977	0.00000501	0.00556	0.000991	0.0195	0.0144	0.00000511	13.1	0.0000142	0.000216
2043 Apr	75	0.114	0.808	0.00389	25.5	0.0342	9.46	0.000985	0.000981	0.00000503	0.00558	0.000995	0.0196	0.0145	0.00000514	13.1	0.0000143	0.000217
2043 May	76.4	0.116	0.819	0.00394	26	0.0348	9.62	0.001	0.000999	0.00000513	0.00569	0.00102	0.0199	0.0149	0.00000523	13.5	0.0000146	0.000222
2043 Jun	76.5	0.116	0.82	0.00392	26.1	0.0331	9.65	0.000967	0.000963	0.00000495	0.00542	0.001	0.0195	0.0152	0.00000505	13.6	0.0000143	0.000224
2043 Jul	80.2	0.121	0.867	0.00414	27.5	0.0347	10.2	0.00101	0.00101	0.00000517	0.00564	0.00104	0.0205	0.0157	0.00000528	14.1	0.0000149	0.000232
2043 Aug	83.5	0.126	0.899	0.0043	28.6	0.0363	10.6	0.00106	0.00105	0.0000054	0.0059	0.00109	0.0214	0.0164	0.00000552	14.7	0.0000155	0.000243
2043 Sep	83.6	0.126	0.893	0.00428	28.5	0.0367	10.6	0.00106	0.00106	0.00000544	0.00595	0.0011	0.0214	0.0165	0.00000555	14.8	0.0000155	0.000244
2043 Oct	82.6	0.125	0.873	0.0042	28.1	0.0367	10.4	0.00106	0.00105	0.0000054	0.00597	0.00109	0.0211	0.0164	0.00000551	14.8	0.0000154	0.000242
2043 Nov	81.8	0.125	0.857	0.00414	27.8	0.0366	10.3	0.00105	0.00105	0.00000537	0.00597	0.00109	0.0209	0.0163	0.00000548	14.7	0.0000153	0.00024
2043 Dec	81.8	0.125	0.858	0.00414	27.8	0.0366	10.3	0.00105	0.00105	0.00000538	0.00598	0.00109	0.0209	0.0164	0.00000549	14.7	0.0000153	0.00024
2044 Jan	81.8	0.125	0.858	0.00414	27.8	0.0366	10.3	0.00105	0.00105	0.00000538	0.00598	0.00109	0.0209	0.0164	0.00000549	14.7	0.0000153	0.00024
2044 Feb	81.9	0.125	0.858	0.00414	27.8	0.0367	10.3	0.00105	0.00105	0.00000538	0.00598	0.00109	0.0209	0.0164	0.00000549	14.7	0.0000153	0.00024
2044 Mar	82	0.125	0.859	0.00415	27.8	0.0367	10.3	0.00105	0.00105	0.00000538	0.00598	0.00109	0.0209	0.0164	0.00000549	14.8	0.0000154	0.000241
2044 Apr	82.1	0.125	0.861	0.00416	27.9	0.0368	10.3	0.00105	0.00105	0.00000539	0.006	0.00109	0.021	0.0164	0.0000055	14.8	0.0000154	0.000241
2044 May	83.4	0.127	0.873	0.00422	28.3	0.0373	10.5	0.00107	0.00107	0.00000548	0.00609	0.00111	0.0213	0.0167	0.00000559	15	0.0000156	0.000245
2044 Jun	77.7	0.118	0.832	0.004	26.5	0.0341	9.82	0.000997	0.000993	0.0000051	0.00564	0.00102	0.02	0.0151	0.00000521	13.7	0.0000148	0.000227
2044 Jul	80.1	0.123	0.888	0.00422	27.7	0.0349	10.3	0.00101	0.00101	0.00000519	0.00567	0.00102	0.0209	0.015	0.00000531	13.6	0.000015	0.000228
2044 Aug	84.8	0.13	0.938	0.00446	29.3	0.037	10.8	0.00107	0.00107	0.0000055	0.00601	0.00108	0.0221	0.0159	0.00000562	14.4	0.0000159	0.000242
2044 Sep	82.6	0.126	0.899	0.00431	28.4	0.0367	10.5	0.00106	0.00105	0.00000542	0.00595	0.00107	0.0215	0.0157	0.00000553	14.2	0.0000155	0.000237
2044 Oct	81.6	0.125	0.879	0.00423	28	0.0366	10.4	0.00105	0.00105	0.00000537	0.00595	0.00106	0.0212	0.0156	0.00000549	14.2	0.0000154	0.000235
2044 Nov	81.6	0.126	0.878	0.00422	28	0.0367	10.4	0.00105	0.00105	0.00000538	0.00596	0.00106	0.0212	0.0156	0.00000549	14.2	0.0000154	0.000235
2044 Dec	81.6	0.126	0.878	0.00422	28	0.0367	10.4	0.00105	0.00105	0.00000538	0.00596	0.00106	0.0212	0.0156	0.00000549	14.2	0.0000154	0.000235
2045 Jan	81.6	0.126	0.878	0.00422	28	0.0367	10.4	0.00105	0.00105	0.00000538	0.00596	0.00106	0.0212	0.0156	0.00000549	14.2	0.0000154	0.000235
2045 Feb	81.6	0.126	0.878	0.00422	28	0.0367	10.4	0.00105	0.00105	0.00000538	0.00596	0.00106	0.0212	0.0156	0.00000549	14.2	0.0000154	0.000235

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Mar	81.6	0.126	0.878	0.00423	28	0.0367	10.4	0.00105	0.00105	0.00000538	0.00597	0.00107	0.0213	0.0156	0.0000055	14.2	0.0000154	0.000235
2045 Apr	81.8	0.126	0.88	0.00424	28	0.0368	10.4	0.00105	0.00105	0.0000054	0.00598	0.00107	0.0213	0.0157	0.00000551	14.2	0.0000154	0.000236
2045 May	82.9	0.128	0.892	0.00429	28.4	0.0373	10.5	0.00107	0.00107	0.00000547	0.00606	0.00108	0.0216	0.0159	0.00000558	14.4	0.0000156	0.000239
2045 Jun	79	0.121	0.857	0.00413	27	0.0354	10	0.00103	0.00103	0.00000528	0.00587	0.00103	0.0208	0.0149	0.00000539	13.6	0.0000154	0.000228
2045 Jul	79.7	0.122	0.881	0.00422	27.4	0.0355	10.1	0.00104	0.00104	0.00000532	0.00589	0.00102	0.0211	0.0147	0.00000544	13.4	0.0000156	0.000227
2045 Aug	82.3	0.126	0.907	0.00435	28.3	0.0369	10.5	0.00108	0.00107	0.00000552	0.0061	0.00106	0.0218	0.0152	0.00000563	13.9	0.0000161	0.000235
2045 Sep	82.4	0.126	0.901	0.00434	28.2	0.0372	10.4	0.00108	0.00108	0.00000554	0.00615	0.00107	0.0218	0.0153	0.00000566	14	0.0000161	0.000236
2045 Oct	82.8	0.127	0.904	0.00436	28.4	0.0375	10.5	0.00109	0.00109	0.00000558	0.0062	0.00108	0.0219	0.0154	0.00000569	14.1	0.0000162	0.000238
2045 Nov	83	0.127	0.906	0.00437	28.4	0.0376	10.5	0.00109	0.00109	0.00000559	0.00621	0.00108	0.022	0.0155	0.00000571	14.1	0.0000162	0.000238
2045 Dec	83	0.127	0.907	0.00437	28.5	0.0376	10.5	0.00109	0.00109	0.00000559	0.00621	0.00108	0.022	0.0155	0.00000571	14.1	0.0000162	0.000238
2046 Jan	83	0.127	0.907	0.00437	28.5	0.0376	10.5	0.00109	0.00109	0.00000559	0.00621	0.00108	0.022	0.0155	0.00000571	14.1	0.0000162	0.000238
2046 Feb	83	0.127	0.907	0.00437	28.5	0.0376	10.5	0.00109	0.00109	0.0000056	0.00621	0.00108	0.022	0.0155	0.00000571	14.1	0.0000162	0.000238
2046 Mar	83.1	0.127	0.908	0.00437	28.5	0.0376	10.5	0.0011	0.00109	0.0000056	0.00622	0.00108	0.022	0.0155	0.00000572	14.2	0.0000162	0.000239
2046 Apr	83.5	0.128	0.912	0.00439	28.6	0.0378	10.6	0.0011	0.0011	0.00000563	0.00625	0.00109	0.0221	0.0156	0.00000574	14.2	0.0000163	0.00024
2046 May	84.8	0.13	0.925	0.00446	29	0.0384	10.7	0.00112	0.00111	0.00000571	0.00634	0.0011	0.0224	0.0158	0.00000583	14.4	0.0000166	0.000243
2046 Jun	79	0.119	0.863	0.00417	27	0.0354	9.98	0.00105	0.00105	0.00000537	0.00599	0.00103	0.021	0.0146	0.00000548	13.3	0.0000159	0.000228
2046 Jul	76.5	0.117	0.867	0.00415	26.6	0.0339	9.86	0.000997	0.000993	0.00000511	0.00558	0.000959	0.0206	0.0134	0.00000522	12.3	0.000015	0.000214
2046 Aug	79	0.12	0.892	0.00428	27.4	0.0352	10.2	0.00103	0.00103	0.00000529	0.00579	0.000995	0.0213	0.0139	0.00000541	12.8	0.0000154	0.000222
2046 Sep	77.4	0.118	0.861	0.00415	26.7	0.035	9.91	0.00102	0.00102	0.00000523	0.00574	0.000986	0.0208	0.0138	0.00000534	12.7	0.0000151	0.000219
2046 Oct	76.5	0.118	0.852	0.00411	26.5	0.0348	9.83	0.00101	0.001	0.00000515	0.00567	0.000972	0.0206	0.0136	0.00000526	12.5	0.0000148	0.000215
2046 Nov	76.6	0.118	0.856	0.00412	26.6	0.0349	9.86	0.001	0.001	0.00000514	0.00566	0.000971	0.0206	0.0136	0.00000526	12.5	0.0000148	0.000214
2046 Dec	76.6	0.118	0.856	0.00412	26.6	0.0349	9.86	0.00101	0.001	0.00000515	0.00566	0.000971	0.0206	0.0136	0.00000526	12.5	0.0000148	0.000215
2047 Jan	76.6	0.119	0.856	0.00412	26.6	0.0349	9.86	0.00101	0.001	0.00000515	0.00566	0.000971	0.0206	0.0136	0.00000526	12.5	0.0000148	0.000215
2047 Feb	76.6	0.119	0.856	0.00412	26.6	0.0349	9.86	0.00101	0.001	0.00000515	0.00566	0.000971	0.0207	0.0136	0.00000526	12.5	0.0000148	0.000215
2047 Mar	76.7	0.119	0.858	0.00413	26.6	0.035	9.88	0.00101	0.001	0.00000516	0.00567	0.000973	0.0207	0.0136	0.00000527	12.5	0.0000148	0.000215
2047 Apr	76.9	0.119	0.86	0.00414	26.7	0.035	9.9	0.00101	0.00101	0.00000517	0.00568	0.000975	0.0207	0.0136	0.00000528	12.6	0.0000148	0.000216
2047 May	77.8	0.12	0.863	0.00416	26.9	0.0351	9.99	0.00102	0.00101	0.0000052	0.00571	0.00099	0.0208	0.014	0.00000531	12.8	0.0000149	0.000219
2047 Jun	77.9	0.119	0.859	0.00411	27.2	0.0332	10.1	0.000961	0.000957	0.00000493	0.00529	0.000973	0.0203	0.0144	0.00000504	13.1	0.0000142	0.00022
2047 Jul	81.4	0.124	0.894	0.00428	28.3	0.0347	10.5	0.00101	0.00101	0.00000518	0.00558	0.00102	0.0212	0.0151	0.0000053	13.7	0.000015	0.000231
2047 Aug	84.8	0.129	0.929	0.00445	29.5	0.0363	10.9	0.00106	0.00105	0.00000541	0.00583	0.00107	0.0221	0.0158	0.00000554	14.3	0.0000156	0.000241
2047 Sep	83.6	0.127	0.905	0.00436	29	0.0363	10.8	0.00105	0.00105	0.00000538	0.00583	0.00106	0.0218	0.0157	0.0000055	14.3	0.0000154	0.000239
2047 Oct	82	0.125	0.877	0.00425	28.3	0.036	10.5	0.00104	0.00103	0.0000053	0.0058	0.00105	0.0213	0.0155	0.00000542	14.1	0.0000152	0.000235
2047 Nov	81.8	0.125	0.872	0.00423	28.2	0.036	10.5	0.00103	0.00103	0.00000529	0.00581	0.00105	0.0213	0.0155	0.00000541	14.1	0.0000152	0.000235
2047 Dec	81.8	0.125	0.873	0.00423	28.2	0.036	10.5	0.00103	0.00103	0.0000053	0.00581	0.00105	0.0213	0.0155	0.00000541	14.1	0.0000152	0.000235
2048 Jan	81.8	0.125	0.873	0.00423	28.2	0.036	10.5	0.00103	0.00103	0.0000053	0.00581	0.00105	0.0213	0.0155	0.00000541	14.1	0.0000152	0.000235
2048 Feb	81.8	0.125	0.873	0.00423	28.2	0.0361	10.5	0.00103	0.00103	0.0000053	0.00581	0.00105	0.0213	0.0155	0.00000542	14.1	0.0000152	0.000235
2048 Mar	81.8	0.125	0.873	0.00423	28.2	0.0361	10.5	0.00103	0.00103	0.0000053	0.00581	0.00105	0.0213	0.0155	0.00000542	14.1	0.0000152	0.000235
2048 Apr	82.1	0.126	0.876	0.00424	28.3	0.0362	10.5	0.00104	0.00103	0.00000532	0.00583	0.00105	0.0213	0.0156	0.00000543	14.2	0.0000152	0.000236
2048 May	83.4	0.128	0.89	0.00431	28.8	0.0367	10.7	0.00105	0.00105	0.0000054	0.00592	0.00107	0.0217	0.0158	0.00000552	14.4	0.0000155	0.000239
2048 Jun	78.7	0.12	0.857	0.00414	27.3	0.0344	10.2	0.000996	0.000992	0.0000051	0.00557	0.000989	0.0208	0.0143	0.00000522	13.1	0.0000148	0.000223
2048 Jul	77.2	0.118	0.869	0.00418	27.2	0.0334	10.2	0.000964	0.00096	0.00000495	0.0053	0.00094	0.0207	0.0133	0.00000507	12.2	0.0000143	0.000213
2048 Aug	78.2	0.119	0.871	0.00421	27.4	0.0343	10.3	0.000986	0.000982	0.00000506	0.00542	0.000963	0.021	0.0136	0.00000518	12.5	0.0000144	0.000217
2048 Sep	77.9	0.119	0.859	0.00417	27.3	0.0346	10.2	0.000989	0.000985	0.00000507	0.00545	0.000968	0.0209	0.0137	0.00000519	12.6	0.0000143	0.000217
2048 Oct	77.1	0.118	0.846	0.00411	27	0.0344	10.1	0.000981	0.000977	0.00000503	0.00544	0.000961	0.0207	0.0136	0.00000515	12.5	0.0000142	0.000215
2048 Nov	77.1	0.118	0.846	0.00411	27	0.0345	10.1	0.000982	0.000977	0.00000503	0.00544	0.000962	0.0207	0.0136	0.00000515	12.5	0.0000142	0.000215
2048 Dec	77.1	0.119	0.846	0.00411	27	0.0345	10.1	0.000982	0.000978	0.00000503	0.00545	0.000962	0.0207	0.0136	0.00000515	12.5	0.0000142	0.000215
2049 Jan	77.1	0.119	0.846	0.00411	27	0.0345	10.1	0.000982	0.000978	0.00000503	0.00545	0.000962	0.0207	0.0136	0.00000515	12.5	0.0000142	0.000215
2049 Feb	77.1	0.119	0.846	0.00411	27	0.0345	10.1	0.000982	0.000978	0.00000503	0.00545	0.000962	0.0207	0.0136	0.00000515	12.5	0.0000142	0.000215
2049 Mar	77.2	0.119	0.847	0.00412	27	0.0346	10.1	0.000983	0.000979	0.00000504	0.00545	0.000963	0.0207	0.0136	0.00000516	12.5	0.0000142	0.000215
2049 Apr	77.5	0.119	0.85	0.00413	27.1	0.0347	10.1	0.000986	0.000982	0.00000506	0.00547	0.000966	0.0208	0.0137	0.00000517	12.6	0.0000143	0.000216
2049 May	78.6	0.121	0.862	0.00419	27.5	0.0352	10.3	0.001	0.000996	0.00000513	0.00555	0.000981	0.0211	0.0139	0.00000525	12.8	0.0000145	0.000219
2049 Jun	74.4	0.114	0.828	0.00402	26.2	0.0327	9.81	0.000942	0.000937	0.00000483	0.00519	0.000911	0.0202	0.0127	0.00000495	11.7	0.0000139	0.000206
2049 Jul	74.8	0.115	0.848	0.00411	26.6	0.0326	10	0.000934	0.000929	0.0000048	0.00508	0.000895	0.0205	0.0123	0.00000492	11.4	0.0000137	0.000203
2049 Aug	78.8	0.121	0.891	0.00432	28	0.0344	10.5	0.000986	0.000981	0.00000506	0.00536	0.000945	0.0216	0.013	0.00000519	12	0.0000144	0.000215
2049 Sep	77.8	0.119	0.869	0.00423	27.5	0.0345	10.4	0.000982	0.000977	0.00000504	0.00538	0.000944	0.0213	0.013	0.00000516	12.1	0.0000143	0.000213
2049 Oct	76.5	0.118	0.844	0.00413	27	0.0343	10.2	0.000971	0.000967	0.00000498	0.00538	0.000937	0.0209	0.0129	0.0000051	12	0.0000141	0.000211
2049 Nov	76.4	0.118	0.841	0.00412	26.9	0.0344	10.2	0.000972	0.000967	0.00000498	0.00539	0.000938	0.0209	0.013	0.00000511	12	0.0000141	0.000211
2049 Dec	76.5	0.118	0.842	0.00412	26.9	0.0344	10.2	0.000972	0.000968	0.00000499	0.00539	0.000938	0.0209	0.013	0.00000511	12	0.0000141	0.000211
2050 Jan	76.5	0.118	0.842	0.00412	26.9	0.0344	10.2	0.000973	0.000968	0.00000499	0.00539	0.000938	0.0209	0.013	0.00000511	12	0.0000141	0.000211
2050 Feb	76.5	0.118	0.842	0.00412	26.9	0.0344	10.2	0.000973	0.000968	0.00000499	0.0054	0.000939	0.0209	0.013	0.00000511	12	0.0000141	0.000211
2050 Mar	76.5	0.118	0.842	0.00412	27	0.0344	10.2	0.000973	0.000968	0.00000499	0.0054	0.000939	0.0209	0.013	0.00000511	12	0.0000141	0.000211
2050 Apr	76.7	0.118	0.844	0.00413	27	0.0345	10.2	0.000975	0.000971	0.000005	0.00541	0.000941	0.0209	0.013	0.00000512	12.1	0.0000142	0.000211
2050 May	77.7	0.12	0.855	0.00418	27.4	0.0349	10.3	0.000988	0.000983	0.00000507	0.00548	0.000954	0.0212	0.0132	0.00000519	12.2	0.0000144	0.000214
2050 Jun	74.8	0.114	0.816	0.00401	26.2	0.033	9.89	0.000952	0.000947	0.00000488	0.00529	0.00092	0.0203	0.0128	0.000005	11.8	0.0000141	0.000208
2050 Jul	73.1	0.111	0.812	0.00398	25.9	0.0322	9.79	0.000922	0.000917	0.00000473	0.00504	0.000884	0.0201	0.0121	0.00000485	11.2	0.0000135	0.0002
2050 Aug	75.2	0.114	0.833	0.00409	26.6	0.0333	10.1	0.000954	0.000949	0.00000489	0.00521	0.000916	0.0206	0.0125	0.00000502	11.6	0.0000139	0.000206
2050 Sep	75.1	0.114	0.824	0.00406	26.5	0.0336	10	0.000958	0.000953	0.00000491	0.00526	0.000922	0.0206	0.0126	0.00000504	11.7	0.0000139	0.000207

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Oct	75.7	0.115	0.829	0.00409	26.7	0.0339	10.1	0.000966	0.000961	0.00000495	0.00531	0.00093	0.0207	0.0128	0.00000508	11.8	0.000014	0.000208
2050 Nov	75.9	0.116	0.831	0.0041	26.7	0.034	10.1	0.00097	0.000964	0.00000497	0.00533	0.000933	0.0208	0.0128	0.00000509	11.8	0.0000141	0.000209
2050 Dec	76	0.116	0.832	0.0041	26.8	0.0341	10.1	0.00097	0.000965	0.00000497	0.00533	0.000934	0.0208	0.0128	0.0000051	11.8	0.0000141	0.000209
2051 Jan	76	0.116	0.832	0.0041	26.8	0.0341	10.1	0.00097	0.000965	0.00000497	0.00533	0.000934	0.0208	0.0128	0.0000051	11.8	0.0000141	0.000209
2051 Feb	76	0.116	0.832	0.00411	26.8	0.0341	10.1	0.00097	0.000965	0.00000497	0.00533	0.000934	0.0208	0.0128	0.0000051	11.8	0.0000141	0.000209
2051 Mar	76	0.116	0.832	0.00411	26.8	0.0341	10.1	0.000971	0.000966	0.00000498	0.00533	0.000934	0.0208	0.0128	0.0000051	11.9	0.0000141	0.000209
2051 Apr	76.3	0.116	0.836	0.00412	26.9	0.0342	10.2	0.000975	0.000969	0.000005	0.00536	0.000938	0.0209	0.0129	0.00000512	11.9	0.0000141	0.00021
2051 May	77.5	0.118	0.845	0.00417	27.3	0.0347	10.3	0.000989	0.000984	0.00000507	0.00544	0.000955	0.0212	0.0132	0.00000519	12.2	0.0000144	0.000214
2051 Jun	73.6	0.11	0.792	0.00392	25.9	0.0315	9.83	0.000913	0.000907	0.00000468	0.00498	0.000899	0.0198	0.0127	0.0000048	11.7	0.0000135	0.000205
2051 Jul	75.4	0.114	0.831	0.0041	26.9	0.032	10.3	0.000916	0.000909	0.0000047	0.00491	0.000894	0.0206	0.0124	0.00000483	11.5	0.0000134	0.000206
2051 Aug	76	0.114	0.828	0.0041	27	0.0328	10.3	0.000934	0.000927	0.00000479	0.00501	0.000914	0.0208	0.0127	0.00000492	11.7	0.0000135	0.000209
2051 Sep	74.7	0.113	0.806	0.004	26.5	0.0328	10.1	0.000922	0.000916	0.00000473	0.00498	0.000904	0.0204	0.0126	0.00000486	11.6	0.0000132	0.000205
2051 Oct	72.6	0.113	0.787	0.00391	25.9	0.0324	9.97	0.000887	0.000881	0.00000455	0.00481	0.000871	0.0199	0.012	0.00000468	11.2	0.0000125	0.000196
2051 Nov	72.8	0.114	0.789	0.00392	26	0.0325	10	0.000888	0.000881	0.00000455	0.00481	0.000872	0.02	0.012	0.00000468	11.2	0.0000125	0.000196
2051 Dec	72.8	0.114	0.789	0.00392	26	0.0325	10	0.000888	0.000881	0.00000455	0.00481	0.000872	0.02	0.012	0.00000468	11.2	0.0000125	0.000196
2052 Jan	72.8	0.114	0.789	0.00392	26	0.0325	10	0.000888	0.000881	0.00000455	0.00481	0.000872	0.02	0.012	0.00000468	11.2	0.0000125	0.000196
2052 Feb	72.8	0.114	0.789	0.00392	26	0.0325	10	0.000888	0.000882	0.00000456	0.00481	0.000872	0.02	0.0121	0.00000468	11.2	0.0000125	0.000196
2052 Mar	72.9	0.114	0.79	0.00392	26	0.0325	10	0.000889	0.000882	0.00000456	0.00482	0.000873	0.02	0.0121	0.00000469	11.2	0.0000125	0.000197
2052 Apr	73	0.114	0.792	0.00393	26.1	0.0326	10	0.000891	0.000884	0.00000457	0.00483	0.000875	0.02	0.0121	0.0000047	11.2	0.0000125	0.000197
2052 May	73.9	0.115	0.792	0.00394	26.3	0.0328	10.1	0.000901	0.000894	0.00000462	0.00489	0.000893	0.0201	0.0125	0.00000474	11.6	0.0000127	0.000201
2052 Jun	74.5	0.114	0.78	0.0039	26.3	0.032	10.1	0.000894	0.000887	0.00000458	0.00485	0.000907	0.0199	0.0131	0.00000471	12	0.0000129	0.000207
2052 Jul	74.8	0.113	0.777	0.00391	26.4	0.0326	10.2	0.000911	0.000904	0.00000467	0.00492	0.000923	0.0201	0.0132	0.00000479	12.1	0.000013	0.000208
2052 Aug	76	0.115	0.783	0.00396	26.7	0.0335	10.3	0.000933	0.000926	0.00000478	0.00504	0.000947	0.0204	0.0135	0.00000491	12.4	0.0000131	0.000212
2052 Sep	75.6	0.114	0.772	0.00391	26.5	0.0337	10.2	0.000934	0.000926	0.00000478	0.00507	0.000948	0.0203	0.0136	0.0000049	12.4	0.0000131	0.000212
2052 Oct	75.6	0.115	0.773	0.00392	26.5	0.0338	10.2	0.000933	0.000926	0.00000477	0.00507	0.000947	0.0203	0.0135	0.0000049	12.4	0.000013	0.000211
2052 Nov	75.8	0.115	0.776	0.00393	26.6	0.0339	10.3	0.000936	0.000929	0.00000479	0.00509	0.00095	0.0203	0.0136	0.00000492	12.4	0.0000131	0.000212
2052 Dec	75.9	0.115	0.776	0.00393	26.6	0.0339	10.3	0.000936	0.000929	0.00000479	0.00509	0.00095	0.0204	0.0136	0.00000492	12.4	0.0000131	0.000212
2053 Jan	75.9	0.115	0.776	0.00393	26.6	0.0339	10.3	0.000936	0.000929	0.00000479	0.00509	0.00095	0.0204	0.0136	0.00000492	12.4	0.0000131	0.000212
2053 Feb	75.9	0.115	0.776	0.00393	26.6	0.0339	10.3	0.000937	0.000929	0.00000479	0.00509	0.000951	0.0204	0.0136	0.00000492	12.4	0.0000131	0.000212
2053 Mar	76	0.115	0.778	0.00394	26.7	0.034	10.3	0.000938	0.000931	0.0000048	0.0051	0.000952	0.0204	0.0136	0.00000493	12.5	0.0000131	0.000212
2053 Apr	76.3	0.116	0.781	0.00396	26.8	0.0341	10.3	0.000942	0.000935	0.00000482	0.00512	0.000956	0.0205	0.0137	0.00000495	12.5	0.0000131	0.000213
2053 May	77.4	0.116	0.776	0.00394	27	0.034	10.4	0.000948	0.00094	0.00000485	0.00516	0.000981	0.0204	0.0144	0.00000497	13.1	0.0000134	0.00022
2053 Jun	75.9	0.113	0.755	0.00383	26.5	0.0316	10.3	0.000892	0.000884	0.00000456	0.00477	0.000949	0.0197	0.0143	0.00000469	12.9	0.0000128	0.000217
2053 Jul	78.7	0.117	0.79	0.00401	27.6	0.0328	10.7	0.000923	0.000914	0.00000472	0.00492	0.000975	0.0206	0.0145	0.00000486	13.2	0.0000132	0.000224
2053 Aug	82	0.122	0.819	0.00416	28.7	0.0344	11.2	0.000964	0.000955	0.00000493	0.00515	0.00102	0.0215	0.0152	0.00000508	13.7	0.0000137	0.000234
2053 Sep	84.3	0.125	0.841	0.00428	29.5	0.0354	11.5	0.000994	0.000984	0.00000508	0.0053	0.00105	0.0221	0.0156	0.00000523	14.2	0.0000141	0.000241
2053 Oct	84.9	0.126	0.845	0.0043	29.7	0.0357	11.6	0.001	0.000992	0.00000512	0.00535	0.00106	0.0223	0.0158	0.00000527	14.3	0.0000142	0.000242
2053 Nov	84.8	0.126	0.843	0.00429	29.7	0.0357	11.5	0.001	0.000992	0.00000512	0.00536	0.00106	0.0222	0.0158	0.00000527	14.3	0.0000142	0.000242
2053 Dec	84.8	0.126	0.843	0.00429	29.7	0.0358	11.5	0.001	0.000992	0.00000512	0.00536	0.00106	0.0222	0.0158	0.00000527	14.3	0.0000142	0.000242
2054 Jan	84.8	0.126	0.843	0.00429	29.7	0.0358	11.5	0.001	0.000992	0.00000512	0.00536	0.00106	0.0222	0.0158	0.00000527	14.3	0.0000142	0.000242
2054 Feb	84.9	0.126	0.844	0.0043	29.7	0.0358	11.5	0.001	0.000992	0.00000512	0.00536	0.00106	0.0222	0.0158	0.00000527	14.3	0.0000143	0.000242
2054 Mar	84.9	0.126	0.844	0.0043	29.7	0.0358	11.5	0.001	0.000992	0.00000513	0.00537	0.00106	0.0222	0.0158	0.00000527	14.3	0.0000143	0.000242
2054 Apr	85.2	0.127	0.847	0.00431	29.8	0.0359	11.6	0.00101	0.000996	0.00000514	0.00539	0.00106	0.0223	0.0158	0.00000529	14.3	0.0000143	0.000243
2054 May	86.3	0.128	0.852	0.00434	30.1	0.0362	11.7	0.00102	0.00101	0.00000521	0.00546	0.00108	0.0225	0.0162	0.00000536	14.7	0.0000145	0.000248
2054 Jun	80.5	0.116	0.755	0.00391	27.6	0.0331	10.7	0.000962	0.000953	0.00000491	0.00525	0.00105	0.0205	0.0162	0.00000504	14.5	0.0000143	0.000241
2054 Jul	78.7	0.114	0.752	0.00389	27.1	0.0327	10.5	0.00095	0.00094	0.00000485	0.00515	0.00102	0.0203	0.0155	0.00000498	13.8	0.000014	0.000232
2054 Aug	79.2	0.114	0.75	0.0039	27.2	0.0334	10.5	0.000964	0.000955	0.00000492	0.00522	0.00103	0.0204	0.0156	0.00000505	14	0.000014	0.000234
2054 Sep	79.3	0.114	0.747	0.00389	27.2	0.0338	10.5	0.00097	0.00096	0.00000494	0.00526	0.00104	0.0205	0.0157	0.00000508	14.1	0.0000139	0.000235
2054 Oct	78.5	0.114	0.742	0.00386	26.9	0.0337	10.5	0.000958	0.000949	0.00000489	0.00521	0.00102	0.0204	0.0154	0.00000502	13.9	0.0000137	0.000231
2054 Nov	78.2	0.115	0.744	0.00387	26.9	0.0336	10.5	0.000954	0.000945	0.00000487	0.00518	0.00102	0.0203	0.0153	0.000005	13.8	0.0000136	0.000229
2054 Dec	78.3	0.115	0.744	0.00387	26.9	0.0337	10.5	0.000955	0.000945	0.00000487	0.00518	0.00102	0.0204	0.0153	0.000005	13.8	0.0000136	0.000229
2055 Jan	78.3	0.115	0.744	0.00387	26.9	0.0337	10.5	0.000955	0.000945	0.00000487	0.00518	0.00102	0.0204	0.0153	0.000005	13.8	0.0000136	0.000229
2055 Feb	78.3	0.115	0.744	0.00387	26.9	0.0337	10.5	0.000955	0.000945	0.00000487	0.00518	0.00102	0.0204	0.0153	0.000005	13.8	0.0000136	0.000229
2055 Mar	78.3	0.115	0.744	0.00387	27	0.0337	10.5	0.000955	0.000946	0.00000487	0.00519	0.00102	0.0204	0.0153	0.000005	13.8	0.0000136	0.00023
2055 Apr	78.6	0.115	0.747	0.00388	27	0.0338	10.5	0.000958	0.000948	0.00000488	0.0052	0.00102	0.0204	0.0153	0.00000502	13.8	0.0000137	0.00023
2055 May	79.6	0.116	0.756	0.00393	27.4	0.0342	10.6	0.00097	0.00096	0.00000495	0.00527	0.00103	0.0207	0.0155	0.00000508	14	0.0000138	0.000233
2055 Jun	74.6	0.109	0.724	0.00378	25.8	0.0319	10.2	0.000915	0.000905	0.00000467	0.00497	0.000948	0.02	0.0137	0.0000048	12.5	0.0000134	0.000216
2055 Jul	75.3	0.11	0.746	0.00389	26.4	0.032	10.5	0.000911	0.000899	0.00000465	0.00488	0.000932	0.0206	0.0131	0.00000479	12	0.0000133	0.000215
2055 Aug	77.8	0.114	0.768	0.00401	27.2	0.0333	10.9	0.000946	0.000933	0.00000482	0.00507	0.000968	0.0213	0.0136	0.00000497	12.4	0.0000137	0.000222
2055 Sep	77.6	0.113	0.758	0.00398	27	0.0336	10.8	0.00095	0.000937	0.00000484	0.00511	0.000973	0.0212	0.0136	0.00000499	12.5	0.0000137	0.000222
2055 Oct	77.8	0.114	0.759	0.00399	27.1	0.0338	10.8	0.000955	0.000942	0.00000487	0.00515	0.000979	0.0213	0.0137	0.00000501	12.6	0.0000137	0.000223
2055 Nov	77.9	0.114	0.759	0.00399	27.1	0.0339	10.8	0.000957	0.000944	0.00000488	0.00516	0.000981	0.0213	0.0138	0.00000502	12.6	0.0000138	0.000224
2055 Dec	77.9	0.114	0.759	0.00399	27.1	0.0339	10.8	0.000957	0.000944	0.00000488	0.00516	0.000981	0.0213	0.0138	0.00000502	12.6	0.0000138	0.000224
2056 Jan	77.9	0.114	0.759	0.00399	27.1	0.0339	10.8	0.000957	0.000944	0.00000488	0.00516	0.000981	0.0213	0.0138	0.00000502	12.6	0.0000138	0.000224
2056 Feb	77.9	0.114	0.759	0.00399	27.1	0.0339	10.8	0.000957	0.000944	0.00000488	0.00516	0.000981	0.0213	0.0138	0.00000502	12.6	0.0000138	0.000224
2056 Mar	78	0.114	0.76	0.00399	27.2	0.0339	10.8	0.000957	0.000945	0.00000488	0.00517	0.000982	0.0213	0.0138	0.00000503	12.6	0.0000138	0.000224
2056 Apr	78.3	0.114	0.762	0.00401	27.3	0.034	10.9	0.000961	0.000948	0.0000049	0.00519	0.000985	0.0214	0.0138	0.00000504	12.7	0.0000138	0.000225

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 May	79.3	0.115	0.757	0.00399	27.4	0.0341	10.9	0.000971	0.000958	0.00000495	0.00526	0.00101	0.0214	0.0145	0.00000509	13.2	0.0000141	0.000231
2056 Jun	76.6	0.109	0.706	0.00374	26.2	0.0316	10.4	0.000917	0.000905	0.00000467	0.00496	0.000991	0.02	0.0149	0.00000481	13.4	0.0000136	0.000229
2056 Jul	79.5	0.113	0.736	0.0039	27.2	0.033	10.9	0.000956	0.000942	0.00000486	0.00516	0.00103	0.0209	0.0153	0.000005	13.8	0.0000141	0.000236
2056 Aug	80.9	0.115	0.743	0.00396	27.7	0.0339	11	0.000981	0.000967	0.00000499	0.00529	0.00106	0.0212	0.0157	0.00000513	14.1	0.0000143	0.000241
2056 Sep	82.4	0.117	0.754	0.00402	28.1	0.0347	11.2	0.001	0.000988	0.00000509	0.00542	0.00108	0.0216	0.016	0.00000524	14.4	0.0000146	0.000246
2056 Oct	81.1	0.116	0.735	0.00394	27.6	0.0345	11	0.000992	0.000978	0.00000504	0.00541	0.00107	0.0213	0.0159	0.00000518	14.3	0.0000145	0.000243
2056 Nov	80.9	0.116	0.732	0.00392	27.6	0.0345	11	0.000991	0.000978	0.00000504	0.00542	0.00107	0.0212	0.0159	0.00000518	14.3	0.0000145	0.000242
2056 Dec	80.9	0.116	0.732	0.00393	27.6	0.0346	11	0.000992	0.000978	0.00000504	0.00542	0.00107	0.0212	0.0159	0.00000518	14.3	0.0000145	0.000242
2057 Jan	81	0.116	0.732	0.00393	27.6	0.0346	11	0.000992	0.000978	0.00000504	0.00542	0.00107	0.0212	0.0159	0.00000518	14.3	0.0000145	0.000243
2057 Feb	81	0.116	0.733	0.00393	27.6	0.0346	11	0.000992	0.000978	0.00000504	0.00542	0.00107	0.0212	0.0159	0.00000518	14.3	0.0000145	0.000243
2057 Mar	81	0.116	0.733	0.00393	27.6	0.0346	11	0.000993	0.000979	0.00000505	0.00543	0.00107	0.0213	0.0159	0.00000519	14.3	0.0000145	0.000243
2057 Apr	81.3	0.116	0.736	0.00394	27.7	0.0347	11	0.000996	0.000983	0.00000506	0.00545	0.00107	0.0213	0.016	0.00000521	14.4	0.0000145	0.000244
2057 May	82.7	0.118	0.744	0.00399	28.1	0.0352	11.2	0.00101	0.000999	0.00000514	0.00554	0.00109	0.0216	0.0163	0.00000529	14.7	0.0000148	0.000249
2057 Jun	77.5	0.109	0.689	0.00372	26.2	0.0323	10.5	0.000949	0.000935	0.00000481	0.00521	0.00103	0.0202	0.0155	0.00000495	13.9	0.0000142	0.000236
2057 Jul	78.9	0.111	0.71	0.00383	26.8	0.033	10.8	0.000967	0.000952	0.00000491	0.00528	0.00104	0.0208	0.0154	0.00000505	13.9	0.0000145	0.000238
2057 Aug	83.9	0.118	0.755	0.00407	28.5	0.0352	11.4	0.00103	0.00101	0.00000522	0.00563	0.00111	0.0221	0.0164	0.00000538	14.8	0.0000154	0.000253
2057 Sep	85.4	0.12	0.766	0.00414	28.9	0.036	11.6	0.00105	0.00103	0.00000533	0.00575	0.00113	0.0225	0.0167	0.00000549	15.1	0.0000157	0.000258
2057 Oct	85	0.12	0.759	0.00411	28.8	0.036	11.6	0.00105	0.00103	0.00000532	0.00576	0.00113	0.0224	0.0167	0.00000547	15	0.0000156	0.000257
2057 Nov	85.1	0.12	0.759	0.00411	28.8	0.0361	11.6	0.00105	0.00103	0.00000533	0.00578	0.00113	0.0224	0.0168	0.00000548	15.1	0.0000157	0.000258
2057 Dec	85.2	0.121	0.76	0.00412	28.8	0.0361	11.6	0.00105	0.00104	0.00000533	0.00578	0.00113	0.0224	0.0168	0.00000549	15.1	0.0000157	0.000258
2058 Jan	85.2	0.121	0.76	0.00412	28.8	0.0361	11.6	0.00105	0.00104	0.00000533	0.00578	0.00113	0.0224	0.0168	0.00000549	15.1	0.0000157	0.000258
2058 Feb	85.2	0.121	0.76	0.00412	28.8	0.0361	11.6	0.00105	0.00104	0.00000533	0.00578	0.00113	0.0224	0.0168	0.00000549	15.1	0.0000157	0.000258
2058 Mar	85.2	0.121	0.76	0.00412	28.8	0.0361	11.6	0.00105	0.00104	0.00000533	0.00578	0.00113	0.0224	0.0168	0.00000549	15.1	0.0000157	0.000258
2058 Apr	85.4	0.121	0.762	0.00413	28.9	0.0362	11.6	0.00105	0.00104	0.00000535	0.0058	0.00113	0.0225	0.0168	0.0000055	15.1	0.0000157	0.000258
2058 May	86.2	0.121	0.752	0.00409	29	0.0361	11.6	0.00106	0.00105	0.00000538	0.00586	0.00116	0.0224	0.0175	0.00000553	15.7	0.000016	0.000265
2058 Jun	79.3	0.11	0.68	0.0037	26.6	0.0317	10.7	0.000944	0.000927	0.00000478	0.00515	0.00107	0.0202	0.0165	0.00000492	14.7	0.0000144	0.000246
2058 Jul	81.3	0.114	0.712	0.00386	27.5	0.0326	11.2	0.000961	0.000943	0.00000487	0.00519	0.00107	0.021	0.0164	0.00000502	14.6	0.0000145	0.000248
2058 Aug	84	0.117	0.733	0.00399	28.4	0.0339	11.6	0.000998	0.00098	0.00000505	0.00539	0.00112	0.0217	0.017	0.00000521	15.2	0.000015	0.000257
2058 Sep	83.5	0.117	0.722	0.00394	28.2	0.0342	11.5	0.000999	0.000981	0.00000506	0.00544	0.00112	0.0216	0.017	0.00000521	15.2	0.000015	0.000256
2058 Oct	82.9	0.117	0.711	0.0039	27.9	0.0342	11.4	0.000997	0.000979	0.00000504	0.00546	0.00111	0.0214	0.017	0.0000052	15.2	0.0000149	0.000255
2058 Nov	83.1	0.117	0.712	0.0039	27.9	0.0343	11.4	0.000999	0.000981	0.00000506	0.00548	0.00112	0.0215	0.017	0.00000521	15.2	0.000015	0.000256
2058 Dec	83.1	0.117	0.712	0.00391	28	0.0343	11.4	0.001	0.000982	0.00000506	0.00548	0.00112	0.0215	0.017	0.00000521	15.2	0.000015	0.000256
2059 Jan	83.1	0.117	0.712	0.00391	28	0.0343	11.4	0.001	0.000982	0.00000506	0.00548	0.00112	0.0215	0.017	0.00000521	15.2	0.000015	0.000256
2059 Feb	83.1	0.117	0.712	0.00391	28	0.0343	11.4	0.001	0.000982	0.00000506	0.00548	0.00112	0.0215	0.017	0.00000521	15.2	0.000015	0.000256
2059 Mar	83.1	0.117	0.712	0.00391	28	0.0343	11.4	0.001	0.000982	0.00000506	0.00548	0.00112	0.0215	0.017	0.00000521	15.2	0.000015	0.000256
2059 Apr	83.4	0.117	0.714	0.00392	28	0.0344	11.4	0.001	0.000984	0.00000507	0.00549	0.00112	0.0215	0.0171	0.00000523	15.2	0.000015	0.000256
2059 May	84.4	0.118	0.714	0.00392	28.3	0.0346	11.5	0.00101	0.000996	0.00000513	0.00557	0.00114	0.0216	0.0176	0.00000528	15.7	0.0000153	0.000262
2059 Jun	83.4	0.115	0.684	0.00379	27.7	0.0334	11.2	0.000994	0.000976	0.00000502	0.00548	0.00115	0.0209	0.0181	0.00000517	16	0.0000152	0.000264
2059 Jul	88.4	0.122	0.727	0.00402	29.3	0.0354	11.9	0.00106	0.00104	0.00000534	0.00582	0.00121	0.0222	0.0191	0.00000549	16.9	0.0000161	0.000279
2059 Aug	92.8	0.128	0.762	0.00422	30.8	0.0373	12.5	0.00111	0.00109	0.00000561	0.00612	0.00128	0.0233	0.0201	0.00000577	17.8	0.0000169	0.000293
2059 Sep	93.4	0.129	0.763	0.00423	31	0.0378	12.6	0.00112	0.0011	0.00000567	0.00621	0.00129	0.0235	0.0203	0.00000584	17.9	0.0000171	0.000296
2059 Oct	88.5	0.124	0.707	0.00396	29.2	0.0367	11.8	0.00108	0.00106	0.00000544	0.00607	0.00124	0.0222	0.0194	0.0000056	17.2	0.0000164	0.000282
2059 Nov	88.2	0.124	0.702	0.00394	29.1	0.0367	11.8	0.00108	0.00106	0.00000543	0.00608	0.00123	0.0221	0.0194	0.00000559	17.2	0.0000164	0.000281
2059 Dec	88.2	0.124	0.703	0.00394	29.1	0.0367	11.8	0.00108	0.00106	0.00000544	0.00608	0.00123	0.0221	0.0194	0.00000559	17.2	0.0000164	0.000281
2060 Jan	88.3	0.124	0.703	0.00394	29.1	0.0367	11.8	0.00108	0.00106	0.00000544	0.00608	0.00123	0.0221	0.0194	0.00000559	17.2	0.0000164	0.000281
2060 Feb	88.3	0.124	0.703	0.00394	29.1	0.0368	11.8	0.00108	0.00106	0.00000544	0.00608	0.00124	0.0221	0.0194	0.00000559	17.2	0.0000164	0.000281
2060 Mar	88.3	0.124	0.703	0.00395	29.1	0.0368	11.8	0.00108	0.00106	0.00000544	0.00609	0.00124	0.0221	0.0194	0.00000559	17.2	0.0000164	0.000281
2060 Apr	88.7	0.124	0.706	0.00396	29.2	0.0369	11.8	0.00108	0.00106	0.00000546	0.00611	0.00124	0.0222	0.0195	0.00000561	17.3	0.0000165	0.000282
2060 May	89	0.123	0.687	0.00388	29.1	0.0365	11.7	0.00108	0.00106	0.00000546	0.00614	0.00126	0.0219	0.0203	0.00000561	17.9	0.0000167	0.000289
2060 Jun	84.4	0.116	0.661	0.00371	27.7	0.0336	11.3	0.001	0.000985	0.00000506	0.00561	0.00119	0.0207	0.0191	0.00000521	16.8	0.0000155	0.000272
2060 Jul	88.9	0.123	0.703	0.00394	29.2	0.0355	11.9	0.00106	0.00104	0.00000533	0.00589	0.00124	0.022	0.0199	0.00000549	17.5	0.0000163	0.000285
2060 Aug	90.6	0.125	0.712	0.00401	29.7	0.0366	12.1	0.00109	0.00106	0.00000547	0.00605	0.00127	0.0224	0.0204	0.00000563	18	0.0000166	0.000291
2060 Sep	86.8	0.12	0.668	0.00379	28.3	0.036	11.5	0.00106	0.00104	0.00000533	0.00591	0.00124	0.0215	0.0197	0.00000548	17.4	0.0000158	0.000281
2060 Oct	85.8	0.119	0.659	0.00375	28	0.0359	11.4	0.00105	0.00103	0.00000528	0.00589	0.00122	0.0213	0.0195	0.00000543	17.2	0.0000157	0.000277
2060 Nov	85.3	0.119	0.659	0.00374	27.9	0.0358	11.4	0.00104	0.00102	0.00000524	0.00584	0.00121	0.0213	0.0192	0.00000539	17	0.0000155	0.000274
2060 Dec	85.3	0.119	0.659	0.00375	27.9	0.0358	11.4	0.00104	0.00102	0.00000524	0.00584	0.00121	0.0213	0.0192	0.00000539	17	0.0000155	0.000274
2061 Jan	85.3	0.119	0.659	0.00375	27.9	0.0358	11.4	0.00104	0.00102	0.00000524	0.00584	0.00121	0.0213	0.0192	0.00000539	17	0.0000155	0.000274
2061 Feb	85.3	0.119	0.659	0.00375	27.9	0.0358	11.4	0.00104	0.00102	0.00000524	0.00584	0.00121	0.0213	0.0192	0.00000539	17	0.0000155	0.000274
2061 Mar	85.3	0.119	0.659	0.00375	27.9	0.0358	11.4	0.00104	0.00102	0.00000524	0.00584	0.00121	0.0213	0.0192	0.00000539	17	0.0000155	0.000274
2061 Apr	85.6	0.12	0.662	0.00376	28	0.036	11.4	0.00105	0.00102	0.00000526	0.00587	0.00122	0.0214	0.0193	0.00000541	17.1	0.0000156	0.000275
2061 May	86.1	0.119	0.658	0.00374	28.1	0.0355	11.5	0.00104	0.00102	0.00000523	0.00582	0.00123	0.0212	0.0197	0.00000538	17.4	0.0000156	0.000279
2061 Jun	80.9	0.113	0.647	0.00364	26.9	0.0323	11.3	0.000934	0.00091	0.00000469	0.00506	0.00111	0.0206	0.0173	0.00000485	15.4	0.0000139	0.000255
2061 Jul	85	0.119	0.684	0.00385	28.3	0.0341	12	0.000983	0.000957	0.00000494	0.00531	0.00116	0.0218	0.018	0.00000511	16	0.0000146	0.000267
2061 Aug	89.1	0.124	0.715	0.00403	29.7	0.0358	12.5	0.00103	0.001	0.00000518	0.00557	0.00122	0.0228	0.0189	0.00000536	16.8	0.0000153	0.00028
2061 Sep	89.7	0.125	0.717	0.00405	29.8	0.0363	12.6	0.00104	0.00102	0.00000524	0.00565	0.00123	0.023	0.0191	0.00000542	17	0.0000154	0.000282
2061 Oct	86.2	0.121	0.678	0.00386	28.6	0.0355	12.1	0.00101	0.000988	0.00000509	0.00557	0.0012	0.0221	0.0185	0.00000526	16.5	0.000015	0.000272
2061 Nov	85.3	0.12	0.667	0.0038	28.2	0.0353	11.9	0.00101	0.000981	0.00000505	0.00556	0.00119	0.0218	0.0184	0.00000522	16.4	0.0000149	0.00027

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Dec	85.3	0.12	0.668	0.0038	28.2	0.0353	11.9	0.00101	0.000981	0.00000505	0.00556	0.00119	0.0218	0.0184	0.00000522	16.4	0.0000149	0.00027
2062 Jan	85.3	0.12	0.668	0.00381	28.2	0.0353	11.9	0.00101	0.000981	0.00000506	0.00556	0.00119	0.0218	0.0184	0.00000522	16.4	0.0000149	0.00027
2062 Feb	85.3	0.12	0.668	0.00381	28.2	0.0353	11.9	0.00101	0.000981	0.00000506	0.00556	0.00119	0.0218	0.0184	0.00000522	16.4	0.0000149	0.00027
2062 Mar	85.4	0.121	0.669	0.00381	28.3	0.0354	11.9	0.00101	0.000982	0.00000506	0.00557	0.00119	0.0218	0.0184	0.00000523	16.4	0.0000149	0.00027
2062 Apr	85.8	0.121	0.671	0.00382	28.4	0.0355	12	0.00101	0.000986	0.00000508	0.00559	0.00119	0.0219	0.0185	0.00000525	16.5	0.000015	0.000271
2062 May	86.7	0.122	0.679	0.00387	28.7	0.0359	12.1	0.00102	0.000997	0.00000514	0.00565	0.00121	0.0222	0.0187	0.00000531	16.6	0.0000151	0.000274
2062 Jun	80.7	0.113	0.641	0.00368	26.7	0.0337	11.4	0.000975	0.000948	0.00000489	0.0054	0.00112	0.0212	0.0167	0.00000505	15	0.0000147	0.000254
2062 Jul	79.1	0.111	0.646	0.0037	26.3	0.0331	11.4	0.000959	0.000931	0.0000048	0.00526	0.00108	0.0214	0.0156	0.00000497	14.1	0.0000145	0.000246
2062 Aug	79.1	0.11	0.639	0.00368	26.2	0.0338	11.4	0.000972	0.000944	0.00000487	0.00533	0.00109	0.0214	0.0157	0.00000503	14.2	0.0000144	0.000246
2062 Sep	78	0.11	0.629	0.00364	25.9	0.0338	11.2	0.000962	0.000933	0.00000481	0.00528	0.00108	0.0212	0.0155	0.00000498	14	0.0000141	0.000242
2062 Oct	75.6	0.11	0.624	0.00359	25.4	0.0331	11.2	0.000913	0.000882	0.00000456	0.00498	0.00102	0.021	0.0142	0.00000473	13.1	0.0000131	0.000229
2062 Nov	75.7	0.11	0.626	0.0036	25.5	0.0332	11.3	0.000914	0.000883	0.00000456	0.00498	0.00102	0.021	0.0142	0.00000473	13.1	0.0000131	0.000229
2062 Dec	75.8	0.11	0.626	0.0036	25.5	0.0332	11.3	0.000915	0.000883	0.00000456	0.00498	0.00103	0.021	0.0142	0.00000474	13.1	0.0000131	0.000229
2063 Jan	75.8	0.11	0.626	0.0036	25.5	0.0332	11.3	0.000915	0.000883	0.00000456	0.00498	0.00103	0.021	0.0142	0.00000474	13.1	0.0000131	0.000229
2063 Feb	75.8	0.11	0.626	0.0036	25.5	0.0332	11.3	0.000915	0.000883	0.00000457	0.00498	0.00103	0.021	0.0142	0.00000474	13.1	0.0000131	0.000229
2063 Mar	75.8	0.11	0.627	0.0036	25.5	0.0333	11.3	0.000915	0.000884	0.00000457	0.00499	0.00103	0.0211	0.0143	0.00000474	13.1	0.0000131	0.000229
2063 Apr	76	0.111	0.628	0.00361	25.6	0.0333	11.3	0.000917	0.000886	0.00000458	0.005	0.00103	0.0211	0.0143	0.00000475	13.1	0.0000131	0.00023
2063 May	76.9	0.111	0.628	0.00362	25.8	0.0334	11.4	0.000924	0.000893	0.00000461	0.00504	0.00105	0.0212	0.0148	0.00000479	13.5	0.0000133	0.000234
2063 Jun	73.5	0.103	0.594	0.00345	24.7	0.03	11.4	0.000838	0.0008	0.00000415	0.00443	0.000981	0.0205	0.0136	0.00000434	12.5	0.0000123	0.000226
2063 Jul	74.5	0.105	0.612	0.00356	25.2	0.0304	11.8	0.000844	0.000804	0.00000418	0.00441	0.000981	0.0213	0.0131	0.00000438	12.2	0.0000124	0.000226
2063 Aug	77.8	0.109	0.637	0.00371	26.3	0.032	12.3	0.000886	0.000843	0.00000439	0.00463	0.00103	0.0222	0.0138	0.00000459	12.8	0.0000129	0.000237
2063 Sep	78	0.109	0.633	0.0037	26.3	0.0324	12.3	0.000895	0.000853	0.00000443	0.0047	0.00104	0.0223	0.0139	0.00000463	12.9	0.000013	0.000238
2063 Oct	76.6	0.108	0.616	0.00361	25.8	0.0322	12	0.000885	0.000844	0.00000439	0.0047	0.00103	0.0218	0.0138	0.00000458	12.8	0.0000128	0.000234
2063 Nov	76.6	0.108	0.614	0.00361	25.8	0.0322	12	0.000886	0.000845	0.00000439	0.00471	0.00103	0.0218	0.0138	0.00000458	12.8	0.0000128	0.000234
2063 Dec	76.6	0.108	0.615	0.00361	25.8	0.0323	12	0.000886	0.000846	0.00000439	0.00471	0.00103	0.0218	0.0138	0.00000459	12.8	0.0000128	0.000235
2064 Jan	76.6	0.108	0.615	0.00361	25.8	0.0323	12	0.000887	0.000846	0.00000439	0.00471	0.00103	0.0218	0.0138	0.00000459	12.8	0.0000128	0.000235
2064 Feb	76.6	0.108	0.615	0.00361	25.8	0.0323	12	0.000887	0.000846	0.00000439	0.00471	0.00103	0.0218	0.0138	0.00000459	12.8	0.0000128	0.000235
2064 Mar	76.7	0.108	0.616	0.00362	25.8	0.0323	12	0.000888	0.000847	0.0000044	0.00472	0.00103	0.0219	0.0138	0.00000459	12.8	0.0000129	0.000235
2064 Apr	76.9	0.109	0.617	0.00363	25.9	0.0324	12.1	0.00089	0.000849	0.00000441	0.00473	0.00103	0.0219	0.0139	0.0000046	12.9	0.0000129	0.000235
2064 May	77.7	0.109	0.612	0.0036	26	0.0322	12.1	0.000893	0.000852	0.00000442	0.00475	0.00105	0.0218	0.0145	0.00000462	13.3	0.000013	0.000241
2064 Jun	76	0.105	0.59	0.00349	25.3	0.0301	12.1	0.000845	0.000798	0.00000415	0.00438	0.00103	0.0212	0.0144	0.00000435	13.2	0.0000124	0.000237
2064 Jul	78.5	0.108	0.607	0.0036	26.1	0.0313	12.5	0.000879	0.000831	0.00000432	0.00456	0.00107	0.0219	0.0148	0.00000453	13.6	0.0000129	0.000245
2064 Aug	79.3	0.109	0.609	0.00363	26.3	0.0321	12.6	0.000898	0.00085	0.00000442	0.00466	0.00109	0.0222	0.0151	0.00000462	13.8	0.000013	0.000248
2064 Sep	77.7	0.107	0.589	0.00353	25.7	0.0321	12.2	0.000891	0.000844	0.00000438	0.00466	0.00108	0.0217	0.0149	0.00000458	13.7	0.0000127	0.000244
2064 Oct	77.9	0.108	0.591	0.00355	25.8	0.0324	12.3	0.000895	0.000848	0.0000044	0.00468	0.00108	0.0218	0.0149	0.0000046	13.7	0.0000128	0.000244
2064 Nov	78.2	0.108	0.593	0.00356	25.9	0.0325	12.3	0.000898	0.000851	0.00000441	0.0047	0.00109	0.0219	0.015	0.00000462	13.7	0.0000128	0.000245
2064 Dec	78.2	0.108	0.593	0.00356	25.9	0.0325	12.3	0.000898	0.000851	0.00000442	0.0047	0.00109	0.0219	0.015	0.00000462	13.7	0.0000128	0.000245
2065 Jan	78.2	0.108	0.593	0.00356	25.9	0.0325	12.3	0.000898	0.000851	0.00000442	0.0047	0.00109	0.0219	0.015	0.00000462	13.7	0.0000128	0.000245
2065 Feb	78.2	0.108	0.593	0.00356	25.9	0.0325	12.3	0.000899	0.000851	0.00000442	0.00471	0.00109	0.0219	0.015	0.00000462	13.7	0.0000128	0.000245
2065 Mar	78.3	0.108	0.594	0.00357	25.9	0.0326	12.4	0.0009	0.000852	0.00000442	0.00471	0.00109	0.022	0.015	0.00000463	13.8	0.0000128	0.000245
2065 Apr	78.7	0.109	0.596	0.00358	26	0.0327	12.4	0.000904	0.000856	0.00000444	0.00473	0.00109	0.022	0.0151	0.00000464	13.8	0.0000129	0.000246
2065 May	79.7	0.109	0.592	0.00357	26.2	0.0327	12.5	0.000914	0.000867	0.00000449	0.00481	0.00112	0.022	0.0158	0.0000047	14.4	0.0000132	0.000253
2065 Jun	77	0.105	0.573	0.00346	25.3	0.0308	12.3	0.00087	0.000819	0.00000425	0.00452	0.00108	0.0215	0.015	0.00000446	13.7	0.0000127	0.000244
2065 Jul	81.3	0.111	0.61	0.00369	26.8	0.0326	13.1	0.000917	0.000861	0.00000448	0.00474	0.00113	0.0229	0.0155	0.0000047	14.2	0.0000134	0.000256
2065 Aug	84.8	0.115	0.634	0.00384	27.9	0.0342	13.6	0.000961	0.000903	0.00000469	0.00497	0.00118	0.0239	0.0162	0.00000492	14.8	0.0000139	0.000268
2065 Sep	82.1	0.113	0.603	0.00368	26.9	0.0339	13.1	0.000943	0.000888	0.00000461	0.00495	0.00116	0.0231	0.0159	0.00000483	14.6	0.0000136	0.000261
2065 Oct	77.6	0.11	0.569	0.00349	25.5	0.033	12.5	0.000901	0.000847	0.0000044	0.0048	0.0011	0.022	0.0149	0.00000461	13.7	0.0000129	0.000244
2065 Nov	77.4	0.11	0.57	0.00349	25.4	0.0331	12.5	0.000899	0.000844	0.00000438	0.00479	0.00109	0.0221	0.0147	0.00000459	13.6	0.0000128	0.000243
2065 Dec	77.4	0.11	0.57	0.0035	25.4	0.0331	12.5	0.000899	0.000844	0.00000438	0.00479	0.00109	0.0221	0.0147	0.00000459	13.6	0.0000128	0.000243
2066 Jan	77.4	0.11	0.57	0.0035	25.4	0.0331	12.5	0.000899	0.000844	0.00000438	0.00479	0.0011	0.0221	0.0147	0.00000459	13.6	0.0000128	0.000243
2066 Feb	77.5	0.11	0.57	0.0035	25.4	0.0331	12.5	0.0009	0.000845	0.00000438	0.00479	0.0011	0.0221	0.0147	0.00000459	13.6	0.0000128	0.000243
2066 Mar	77.6	0.11	0.572	0.0035	25.5	0.0332	12.5	0.000902	0.000847	0.00000439	0.0048	0.0011	0.0221	0.0148	0.0000046	13.7	0.0000128	0.000243
2066 Apr	77.8	0.111	0.573	0.00351	25.6	0.0333	12.6	0.000904	0.000849	0.0000044	0.00481	0.0011	0.0222	0.0148	0.00000462	13.7	0.0000129	0.000244
2066 May	78.7	0.112	0.578	0.00355	25.8	0.0336	12.7	0.000914	0.000859	0.00000446	0.00487	0.00111	0.0224	0.015	0.00000467	13.9	0.000013	0.000247
2066 Jun	75.3	0.104	0.551	0.00342	24.6	0.0313	12.5	0.000869	0.00081	0.00000421	0.00458	0.00106	0.0219	0.0139	0.00000443	12.9	0.0000127	0.000238
2066 Jul	79.5	0.109	0.587	0.00364	26	0.0332	13.3	0.000919	0.000854	0.00000445	0.00481	0.00112	0.0234	0.0142	0.00000468	13.3	0.0000134	0.00025
2066 Aug	82.9	0.114	0.61	0.00379	27.1	0.0348	13.9	0.000963	0.000896	0.00000466	0.00504	0.00117	0.0245	0.0149	0.0000049	14	0.000014	0.000261
2066 Sep	82.9	0.114	0.604	0.00377	27.1	0.0351	13.8	0.000969	0.000902	0.00000469	0.00511	0.00117	0.0244	0.015	0.00000493	14.1	0.000014	0.000261
2066 Oct	81	0.113	0.582	0.00366	26.4	0.0349	13.4	0.000955	0.000891	0.00000463	0.00511	0.00116	0.0238	0.0149	0.00000486	13.9	0.0000139	0.000256
2066 Nov	80.6	0.112	0.578	0.00364	26.2	0.0348	13.4	0.000954	0.00089	0.00000462	0.00512	0.00115	0.0237	0.0148	0.00000485	13.9	0.0000138	0.000256
2066 Dec	80.7	0.113	0.578	0.00364	26.3	0.0349	13.4	0.000954	0.00089	0.00000462	0.00512	0.00115	0.0237	0.0148	0.00000486	13.9	0.0000138	0.000256
2067 Jan	80.7	0.113	0.579	0.00364	26.3	0.0349	13.4	0.000954	0.000891	0.00000463	0.00512	0.00115	0.0237	0.0148	0.00000486	13.9	0.0000139	0.000256
2067 Feb	80.8	0.113	0.579	0.00364	26.3	0.0349	13.4	0.000955	0.000891	0.00000463	0.00512	0.00116	0.0237	0.0149	0.00000486	13.9	0.0000139	0.000256
2067 Mar	80.8	0.113	0.579	0.00364	26.3	0.0349	13.4	0.000956	0.000892	0.00000463	0.00513	0.00116	0.0237	0.0149	0.00000486	13.9	0.0000139	0.000256
2067 Apr	81	0.113	0.581	0.00365	26.4	0.035	13.4	0.000958	0.000894	0.00000464	0.00514	0.00116	0.0238	0.0149	0.00000488	13.9	0.0000139	0.000257
2067 May	82.3	0.114	0.578	0.00365	26.6	0.0352	13.5	0.000972	0.000908	0.00000471	0.00524	0.00119	0.0238	0.0156	0.00000494	14.5	0.0000142	0.000264
2067 Jun	79.5	0.107	0.542	0.00345	25.4	0.0329	12.9	0.000934	0.000871	0.00000452	0.00503	0.00117	0.0225	0.0158	0.00000474	14.5	0.000014	0.00026

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 Jul	83.8	0.113	0.573	0.00364	26.8	0.0348	13.6	0.000988	0.000922	0.00000478	0.00531	0.00123	0.0238	0.0166	0.00000501	15.3	0.0000147	0.000273
2067 Aug	85.3	0.115	0.579	0.0037	27.2	0.0359	13.8	0.00102	0.00095	0.00000492	0.00546	0.00126	0.0242	0.0171	0.00000516	15.6	0.000015	0.000278
2067 Sep	85.5	0.115	0.576	0.0037	27.2	0.0363	13.8	0.00103	0.000959	0.00000496	0.00553	0.00127	0.0242	0.0172	0.0000052	15.8	0.000015	0.00028
2067 Oct	82.7	0.112	0.548	0.00354	26.2	0.0357	13.2	0.001	0.000938	0.00000485	0.00548	0.00124	0.0233	0.0168	0.00000507	15.4	0.0000147	0.000271
2067 Nov	82.3	0.112	0.543	0.00352	26.1	0.0357	13.2	0.000999	0.000936	0.00000484	0.00549	0.00123	0.0232	0.0168	0.00000506	15.4	0.0000147	0.00027
2067 Dec	82.3	0.112	0.543	0.00352	26.1	0.0358	13.2	0.001	0.000937	0.00000485	0.00549	0.00124	0.0232	0.0168	0.00000507	15.4	0.0000147	0.00027
2068 Jan	82.4	0.112	0.543	0.00352	26.1	0.0358	13.2	0.001	0.000937	0.00000485	0.00549	0.00124	0.0232	0.0168	0.00000507	15.4	0.0000147	0.00027
2068 Feb	82.4	0.112	0.544	0.00352	26.1	0.0358	13.2	0.001	0.000937	0.00000485	0.00549	0.00124	0.0232	0.0168	0.00000507	15.4	0.0000147	0.000271
2068 Mar	82.5	0.113	0.545	0.00353	26.2	0.0358	13.2	0.001	0.000939	0.00000486	0.0055	0.00124	0.0233	0.0168	0.00000508	15.4	0.0000147	0.000271
2068 Apr	83.2	0.113	0.549	0.00355	26.4	0.0361	13.3	0.00101	0.000946	0.00000489	0.00555	0.00125	0.0235	0.0169	0.00000512	15.5	0.0000148	0.000273
2068 May	84	0.114	0.547	0.00355	26.5	0.0361	13.4	0.00102	0.000953	0.00000492	0.00559	0.00127	0.0234	0.0175	0.00000515	16	0.000015	0.000278
2068 Jun	77.5	0.104	0.52	0.00335	24.7	0.0316	12.9	0.000897	0.000827	0.00000429	0.00473	0.00115	0.0222	0.0153	0.00000452	14.1	0.0000133	0.000254
2068 Jul	79.6	0.106	0.534	0.00345	25.3	0.0327	13.4	0.000928	0.000855	0.00000444	0.00488	0.00118	0.023	0.0155	0.00000468	14.3	0.0000137	0.00026
2068 Aug	83.8	0.111	0.561	0.00363	26.6	0.0346	14	0.00098	0.000903	0.00000469	0.00515	0.00124	0.0242	0.0164	0.00000494	15.1	0.0000144	0.000274
2068 Sep	83.3	0.111	0.552	0.00359	26.4	0.0349	13.9	0.000983	0.000907	0.00000471	0.00521	0.00125	0.024	0.0164	0.00000495	15.2	0.0000144	0.000273
2068 Oct	83.3	0.112	0.548	0.00358	26.4	0.035	13.9	0.000985	0.00091	0.00000472	0.00526	0.00125	0.024	0.0165	0.00000497	15.2	0.0000145	0.000273
2068 Nov	83.5	0.112	0.55	0.00359	26.4	0.0352	13.9	0.000989	0.000914	0.00000474	0.00528	0.00125	0.024	0.0165	0.00000498	15.3	0.0000145	0.000274
2068 Dec	83.6	0.112	0.55	0.00359	26.5	0.0352	13.9	0.000989	0.000914	0.00000474	0.00528	0.00125	0.0241	0.0166	0.00000499	15.3	0.0000145	0.000274
2069 Jan	83.6	0.112	0.55	0.00359	26.5	0.0352	13.9	0.000989	0.000914	0.00000474	0.00528	0.00125	0.0241	0.0166	0.00000499	15.3	0.0000145	0.000274
2069 Feb	83.6	0.112	0.551	0.00359	26.5	0.0352	13.9	0.00099	0.000914	0.00000474	0.00528	0.00125	0.0241	0.0166	0.00000499	15.3	0.0000145	0.000275
2069 Mar	83.6	0.112	0.551	0.00359	26.5	0.0352	13.9	0.00099	0.000915	0.00000474	0.00528	0.00125	0.0241	0.0166	0.00000499	15.3	0.0000145	0.000275
2069 Apr	83.8	0.113	0.552	0.0036	26.5	0.0353	13.9	0.000992	0.000916	0.00000475	0.00529	0.00126	0.0241	0.0166	0.000005	15.3	0.0000146	0.000275
2069 May	85.3	0.115	0.561	0.00366	27	0.0359	14.2	0.00101	0.000934	0.00000484	0.00539	0.00128	0.0245	0.0169	0.00000509	15.6	0.0000148	0.000281
2069 Jun	79.8	0.105	0.516	0.00341	25	0.0334	13.2	0.000967	0.000894	0.00000463	0.00522	0.00121	0.023	0.016	0.00000486	14.7	0.0000146	0.000266
2069 Jul	82.1	0.108	0.537	0.00354	25.7	0.0345	13.7	0.001	0.000922	0.00000478	0.00537	0.00125	0.0239	0.0162	0.00000502	14.9	0.0000151	0.000272
2069 Aug	84.2	0.111	0.548	0.00362	26.3	0.0356	14	0.00103	0.000953	0.00000493	0.00554	0.00128	0.0245	0.0167	0.00000518	15.4	0.0000155	0.00028
2069 Sep	81.6	0.108	0.526	0.0035	25.5	0.0352	13.5	0.00101	0.000931	0.00000482	0.00546	0.00125	0.0238	0.0162	0.00000506	15	0.000015	0.000271
2069 Oct	78.2	0.107	0.509	0.00338	24.5	0.0344	13.2	0.000962	0.000886	0.00000459	0.00522	0.00119	0.0231	0.0152	0.00000482	14.2	0.0000141	0.000256
2069 Nov	78.1	0.107	0.508	0.00338	24.5	0.0344	13.2	0.00096	0.000883	0.00000457	0.00521	0.00119	0.0231	0.0151	0.00000481	14.1	0.000014	0.000255
2069 Dec	78.1	0.107	0.509	0.00338	24.5	0.0344	13.2	0.00096	0.000883	0.00000457	0.00521	0.00119	0.0231	0.0151	0.00000481	14.1	0.000014	0.000255
2070 Jan	78.1	0.107	0.509	0.00338	24.5	0.0344	13.2	0.000961	0.000883	0.00000457	0.00521	0.00119	0.0231	0.0151	0.00000481	14.1	0.000014	0.000255
2070 Feb	78.1	0.107	0.509	0.00338	24.5	0.0344	13.2	0.000961	0.000883	0.00000457	0.00521	0.00119	0.0231	0.0151	0.00000481	14.1	0.000014	0.000255
2070 Mar	78.2	0.107	0.509	0.00338	24.5	0.0345	13.2	0.000961	0.000884	0.00000458	0.00522	0.00119	0.0231	0.0151	0.00000482	14.1	0.0000141	0.000255
2070 Apr	78.5	0.108	0.511	0.0034	24.6	0.0346	13.3	0.000965	0.000887	0.0000046	0.00524	0.0012	0.0232	0.0152	0.00000484	14.2	0.0000141	0.000257
2070 May	79.7	0.109	0.512	0.00341	24.9	0.0347	13.4	0.000975	0.000897	0.00000464	0.00529	0.00122	0.0233	0.0157	0.00000488	14.6	0.0000143	0.000262
2070 Jun	79.2	0.105	0.498	0.00333	24.7	0.033	13.5	0.000937	0.000856	0.00000444	0.00501	0.00121	0.0229	0.0159	0.00000468	14.7	0.0000139	0.000264
2070 Jul	82.4	0.109	0.516	0.00346	25.6	0.0344	14	0.00098	0.000896	0.00000465	0.00524	0.00126	0.0239	0.0165	0.0000049	15.3	0.0000146	0.000275
2070 Aug	85.1	0.112	0.531	0.00357	26.4	0.0358	14.4	0.00102	0.000931	0.00000483	0.00544	0.00131	0.0247	0.0171	0.00000509	15.8	0.0000151	0.000284
2070 Sep	82.4	0.11	0.506	0.00343	25.5	0.0354	13.9	0.000998	0.000915	0.00000474	0.00541	0.00128	0.0238	0.0168	0.00000499	15.5	0.0000147	0.000276
2070 Oct	80.2	0.109	0.495	0.00335	24.9	0.0349	13.6	0.000972	0.00089	0.00000461	0.00529	0.00124	0.0234	0.0161	0.00000486	15	0.0000142	0.000267
2070 Nov	80.2	0.109	0.496	0.00336	24.9	0.035	13.6	0.000971	0.000888	0.0000046	0.00528	0.00124	0.0234	0.016	0.00000485	14.9	0.0000142	0.000266
2070 Dec	80.2	0.109	0.496	0.00336	24.9	0.035	13.6	0.000971	0.000888	0.0000046	0.00528	0.00124	0.0234	0.016	0.00000485	14.9	0.0000142	0.000266
2071 Jan	80.2	0.109	0.496	0.00336	24.9	0.035	13.6	0.000971	0.000888	0.0000046	0.00528	0.00124	0.0234	0.016	0.00000485	14.9	0.0000142	0.000266
2071 Feb	80.2	0.109	0.496	0.00336	24.9	0.035	13.6	0.000971	0.000888	0.0000046	0.00528	0.00124	0.0234	0.016	0.00000485	14.9	0.0000142	0.000266
2071 Mar	80.2	0.109	0.496	0.00336	24.9	0.035	13.7	0.000971	0.000889	0.0000046	0.00528	0.00124	0.0234	0.016	0.00000485	14.9	0.0000142	0.000266
2071 Apr	80.3	0.109	0.497	0.00337	25	0.035	13.7	0.000973	0.00089	0.00000461	0.00529	0.00125	0.0235	0.0161	0.00000486	14.9	0.0000142	0.000267
2071 May	80.7	0.109	0.492	0.00334	25	0.0347	13.7	0.000971	0.000888	0.0000046	0.00528	0.00126	0.0233	0.0165	0.00000485	15.3	0.0000143	0.00027
2071 Jun	78.6	0.104	0.479	0.00325	24.3	0.0323	13.7	0.000912	0.000824	0.00000428	0.00482	0.00121	0.023	0.0157	0.00000454	14.6	0.0000135	0.000264
2071 Jul	80.8	0.106	0.497	0.00337	25.1	0.0333	14.3	0.000938	0.000845	0.0000044	0.00493	0.00124	0.0239	0.0157	0.00000466	14.7	0.0000139	0.000271
2071 Aug	83.8	0.11	0.513	0.00349	26	0.0347	14.8	0.000976	0.00088	0.00000458	0.00513	0.00129	0.0248	0.0164	0.00000486	15.3	0.0000144	0.000281
2071 Sep	82	0.108	0.495	0.00339	25.3	0.0346	14.4	0.000966	0.000874	0.00000454	0.00512	0.00127	0.0242	0.0162	0.00000481	15.1	0.0000141	0.000276
2071 Oct	80.6	0.107	0.483	0.00332	24.9	0.0343	14.1	0.000955	0.000864	0.00000449	0.0051	0.00125	0.0238	0.016	0.00000475	14.9	0.000014	0.000272
2071 Nov	80.3	0.107	0.48	0.00331	24.8	0.0344	14	0.000953	0.000863	0.00000448	0.00511	0.00125	0.0237	0.0159	0.00000474	14.9	0.0000139	0.00027
2071 Dec	80.3	0.107	0.481	0.00331	24.8	0.0344	14	0.000954	0.000863	0.00000448	0.00511	0.00125	0.0237	0.0159	0.00000474	14.9	0.0000139	0.00027
2072 Jan	80.3	0.107	0.481	0.00331	24.8	0.0344	14.1	0.000954	0.000863	0.00000448	0.00511	0.00125	0.0237	0.0159	0.00000474	14.9	0.0000139	0.00027
2072 Feb	80.3	0.107	0.481	0.00331	24.8	0.0344	14.1	0.000954	0.000863	0.00000448	0.00511	0.00125	0.0237	0.0159	0.00000474	14.9	0.0000139	0.00027
2072 Mar	80.3	0.107	0.481	0.00331	24.8	0.0344	14.1	0.000954	0.000863	0.00000449	0.00511	0.00125	0.0237	0.0159	0.00000474	14.9	0.0000139	0.00027
2072 Apr	80.6	0.107	0.482	0.00332	24.9	0.0345	14.1	0.000957	0.000866	0.0000045	0.00513	0.00126	0.0238	0.016	0.00000476	14.9	0.000014	0.000271
2072 May	81.9	0.109	0.49	0.00337	25.3	0.035	14.3	0.000972	0.00088	0.00000457	0.00521	0.00128	0.0242	0.0162	0.00000483	15.2	0.0000142	0.000276
2072 Jun	78.7	0.103	0.473	0.00328	24.1	0.0337	13.8	0.000957	0.000864	0.00000449	0.00515	0.00123	0.0236	0.0153	0.00000475	14.3	0.0000143	0.000266
2072 Jul	79.2	0.103	0.477	0.00332	24.2	0.0343	14	0.000974	0.00088	0.00000457	0.00522	0.00125	0.0239	0.0153	0.00000483	14.4	0.0000144	0.000267
2072 Aug	78.6	0.103	0.474	0.00331	24.1	0.0347	14	0.000972	0.000876	0.00000455	0.00515	0.00124	0.024	0.015	0.00000481	14.2	0.0000139	0.000264
2072 Sep	77.7	0.103	0.47	0.00328	23.9	0.0348	14	0.000959	0.000863	0.00000448	0.00505	0.00123	0.024	0.0146	0.00000474	13.9	0.0000135	0.000259
2072 Oct	76.5	0.103	0.467	0.00325	23.6	0.0344	14	0.000931	0.000831	0.00000433	0.00488	0.0012	0.0239	0.0139	0.0000046	13.4	0.0000129	0.000252
2072 Nov	76.5	0.103	0.467	0.00326	23.6	0.0344	14.1	0.000929	0.000829	0.00000431	0.00486	0.0012	0.024	0.0139	0.00000458	13.3	0.0000129	0.000252
2072 Dec	76.5	0.103	0.467	0.00326	23.6	0.0344	14.1	0.000929	0.000829	0.00000432	0.00486	0.0012	0.024	0.0139	0.00000458	13.3	0.0000129	0.000252
2073 Jan	76.5	0.103	0.467	0.00326	23.6	0.0344	14.1	0.000929	0.000829	0.00000432	0.00487	0.0012	0.024	0.0139	0.00000459	13.3	0.0000129	0.000252

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2073 Feb	76.5	0.103	0.468	0.00326	23.6	0.0344	14.1	0.000929	0.000829	0.00000432	0.00487	0.0012	0.024	0.0139	0.00000459	13.3	0.0000129	0.000252
2073 Mar	76.5	0.103	0.468	0.00326	23.6	0.0344	14.1	0.00093	0.000829	0.00000432	0.00487	0.0012	0.024	0.0139	0.00000459	13.4	0.0000129	0.000252
2073 Apr	77.1	0.104	0.471	0.00328	23.8	0.0347	14.2	0.000936	0.000835	0.00000435	0.0049	0.00121	0.0241	0.014	0.00000462	13.4	0.000013	0.000254
2073 May	78.2	0.104	0.468	0.00327	24	0.0344	14.3	0.00094	0.000838	0.00000436	0.00492	0.00123	0.0241	0.0147	0.00000463	14	0.0000132	0.000261
2073 Jun	78	0.101	0.458	0.00321	23.8	0.0327	14.4	0.00091	0.000804	0.0000042	0.00469	0.00123	0.0238	0.0149	0.00000447	14.1	0.0000131	0.000264
2073 Jul	80.5	0.104	0.474	0.00333	24.6	0.0338	15	0.000938	0.000827	0.00000432	0.0048	0.00127	0.0248	0.0151	0.00000461	14.4	0.0000134	0.000271
2073 Aug	82.8	0.107	0.486	0.00342	25.3	0.0351	15.4	0.000971	0.000857	0.00000447	0.00497	0.00131	0.0255	0.0156	0.00000477	14.8	0.0000138	0.000279
2073 Sep	81.7	0.106	0.474	0.00336	24.9	0.0351	15.1	0.000966	0.000855	0.00000446	0.00499	0.0013	0.0251	0.0156	0.00000475	14.8	0.0000136	0.000276
2073 Oct	79.5	0.105	0.459	0.00326	24.2	0.0346	14.7	0.000946	0.000837	0.00000436	0.00493	0.00127	0.0244	0.0151	0.00000465	14.4	0.0000133	0.000268
2073 Nov	79.2	0.105	0.459	0.00326	24.2	0.0346	14.7	0.000942	0.000833	0.00000434	0.0049	0.00126	0.0244	0.015	0.00000462	14.3	0.0000132	0.000266
2073 Dec	79.3	0.105	0.459	0.00326	24.2	0.0346	14.7	0.000943	0.000833	0.00000434	0.0049	0.00126	0.0245	0.015	0.00000463	14.3	0.0000132	0.000266
2074 Jan	79.3	0.105	0.459	0.00326	24.2	0.0346	14.7	0.000943	0.000833	0.00000434	0.0049	0.00126	0.0245	0.015	0.00000463	14.3	0.0000132	0.000266
2074 Feb	79.3	0.105	0.46	0.00326	24.2	0.0346	14.7	0.000943	0.000833	0.00000434	0.0049	0.00126	0.0245	0.015	0.00000463	14.3	0.0000132	0.000266
2074 Mar	79.3	0.105	0.46	0.00326	24.2	0.0346	14.7	0.000943	0.000834	0.00000435	0.00491	0.00127	0.0245	0.015	0.00000463	14.3	0.0000132	0.000267
2074 Apr	79.8	0.105	0.462	0.00328	24.3	0.0348	14.8	0.000949	0.000838	0.00000437	0.00493	0.00127	0.0246	0.0151	0.00000466	14.4	0.0000133	0.000268
2074 May	81	0.106	0.46	0.00327	24.5	0.0344	14.9	0.000951	0.000839	0.00000437	0.00493	0.0013	0.0246	0.0159	0.00000466	15	0.0000135	0.000275
2074 Jun	79.7	0.101	0.449	0.0032	24.1	0.0321	15.2	0.000898	0.000778	0.00000407	0.00451	0.00127	0.0243	0.0153	0.00000437	14.5	0.0000129	0.000273
2074 Jul	83.6	0.106	0.472	0.00337	25.3	0.0338	16	0.000944	0.000817	0.00000428	0.00473	0.00133	0.0257	0.0159	0.00000459	15.1	0.0000136	0.000286
2074 Aug	87.9	0.112	0.496	0.00354	26.6	0.0357	16.8	0.000995	0.000862	0.00000451	0.00499	0.00141	0.027	0.0168	0.00000484	15.9	0.0000143	0.000301
2074 Sep	85.6	0.109	0.475	0.00342	25.8	0.0354	16.3	0.000981	0.000853	0.00000446	0.00499	0.00138	0.0263	0.0165	0.00000478	15.7	0.000014	0.000294
2074 Oct	84	0.108	0.461	0.00333	25.3	0.0352	15.9	0.000971	0.000847	0.00000443	0.00501	0.00136	0.0257	0.0164	0.00000473	15.5	0.0000139	0.000289
2074 Nov	84	0.108	0.46	0.00333	25.3	0.0353	15.8	0.000972	0.000848	0.00000443	0.00502	0.00136	0.0257	0.0164	0.00000474	15.5	0.0000139	0.000289
2074 Dec	84.1	0.108	0.46	0.00333	25.3	0.0353	15.9	0.000972	0.000849	0.00000443	0.00502	0.00136	0.0257	0.0164	0.00000474	15.5	0.0000139	0.000289
2075 Jan	84.1	0.108	0.46	0.00333	25.3	0.0353	15.9	0.000972	0.000849	0.00000443	0.00502	0.00136	0.0257	0.0164	0.00000474	15.5	0.0000139	0.000289
2075 Feb	84.1	0.109	0.461	0.00333	25.3	0.0353	15.9	0.000973	0.000849	0.00000443	0.00502	0.00136	0.0257	0.0164	0.00000474	15.5	0.0000139	0.000289
2075 Mar	84.2	0.109	0.461	0.00334	25.3	0.0353	15.9	0.000974	0.00085	0.00000444	0.00503	0.00136	0.0257	0.0164	0.00000475	15.5	0.0000139	0.000289
2075 Apr	84.6	0.109	0.463	0.00336	25.4	0.0355	16	0.000978	0.000854	0.00000446	0.00505	0.00137	0.0258	0.0165	0.00000477	15.6	0.000014	0.000291
2075 May	85.7	0.11	0.466	0.00338	25.7	0.0359	16.1	0.000991	0.000866	0.00000452	0.00513	0.00139	0.0261	0.0169	0.00000483	16	0.0000142	0.000296
2075 Jun	79.8	0.101	0.442	0.00323	23.8	0.0335	15.3	0.000947	0.000821	0.00000429	0.00488	0.0013	0.025	0.0149	0.00000459	14.3	0.0000139	0.000275
2075 Jul	80.3	0.101	0.453	0.0033	23.9	0.0338	15.7	0.000957	0.000824	0.00000431	0.00488	0.0013	0.0257	0.0144	0.00000463	14	0.000014	0.000274
2075 Aug	82	0.103	0.46	0.00336	24.4	0.0348	16	0.000983	0.000848	0.00000443	0.00501	0.00134	0.0262	0.0148	0.00000476	14.3	0.0000143	0.00028
2075 Sep	82.7	0.104	0.462	0.00339	24.6	0.0353	16.1	0.000996	0.00086	0.0000045	0.0051	0.00135	0.0265	0.015	0.00000482	14.5	0.0000144	0.000283
2075 Oct	81.9	0.104	0.454	0.00334	24.4	0.0352	15.9	0.000991	0.000858	0.00000448	0.00511	0.00134	0.0261	0.015	0.0000048	14.5	0.0000144	0.000281
2075 Nov	82	0.104	0.454	0.00334	24.4	0.0353	15.9	0.000994	0.00086	0.00000449	0.00513	0.00135	0.0262	0.015	0.00000481	14.5	0.0000144	0.000281
2075 Dec	82.1	0.104	0.454	0.00334	24.4	0.0354	15.9	0.000994	0.000861	0.00000449	0.00514	0.00135	0.0262	0.015	0.00000481	14.5	0.0000144	0.000281
2076 Jan	82.1	0.104	0.454	0.00334	24.4	0.0354	15.9	0.000994	0.000861	0.00000449	0.00514	0.00135	0.0262	0.015	0.00000481	14.5	0.0000144	0.000281
2076 Feb	82.1	0.104	0.454	0.00335	24.4	0.0354	15.9	0.000994	0.000861	0.0000045	0.00514	0.00135	0.0262	0.015	0.00000481	14.5	0.0000144	0.000281
2076 Mar	82.2	0.104	0.455	0.00335	24.4	0.0354	16	0.000995	0.000862	0.0000045	0.00514	0.00135	0.0262	0.015	0.00000482	14.5	0.0000144	0.000282
2076 Apr	82.5	0.105	0.456	0.00336	24.5	0.0355	16	0.000998	0.000864	0.00000451	0.00516	0.00135	0.0263	0.0151	0.00000483	14.6	0.0000145	0.000282
2076 May	83.5	0.105	0.452	0.00335	24.7	0.0356	16	0.00101	0.000876	0.00000457	0.00524	0.00138	0.0262	0.0158	0.00000489	15.1	0.0000148	0.000289
2076 Jun	80.2	0.099	0.424	0.00315	23.5	0.0328	15.4	0.000951	0.00082	0.00000428	0.00488	0.00133	0.0248	0.0157	0.00000459	14.9	0.0000141	0.000281
2076 Jul	82.6	0.102	0.442	0.00328	24.3	0.0339	16.1	0.000978	0.000838	0.00000438	0.00497	0.00137	0.0259	0.0157	0.0000047	15	0.0000144	0.000288
2076 Aug	86.1	0.106	0.459	0.00341	25.3	0.0355	16.8	0.00102	0.000877	0.00000458	0.0052	0.00143	0.027	0.0164	0.00000492	15.7	0.000015	0.0003
2076 Sep	86.8	0.107	0.461	0.00344	25.5	0.036	16.9	0.00103	0.000889	0.00000465	0.00529	0.00144	0.0272	0.0166	0.00000498	15.9	0.0000152	0.000303
2076 Oct	84.5	0.105	0.443	0.00332	24.8	0.0356	16.3	0.00102	0.000875	0.00000457	0.00526	0.00141	0.0264	0.0163	0.00000489	15.6	0.0000149	0.000295
2076 Nov	84.1	0.105	0.44	0.0033	24.6	0.0355	16.2	0.00101	0.000874	0.00000456	0.00526	0.00141	0.0263	0.0163	0.00000488	15.5	0.0000149	0.000294
2076 Dec	84.2	0.105	0.44	0.0033	24.7	0.0355	16.2	0.00101	0.000874	0.00000456	0.00526	0.00141	0.0263	0.0163	0.00000488	15.6	0.0000149	0.000294
2077 Jan	84.2	0.105	0.44	0.0033	24.7	0.0356	16.2	0.00101	0.000874	0.00000456	0.00526	0.00141	0.0263	0.0163	0.00000488	15.6	0.0000149	0.000294
2077 Feb	84.2	0.105	0.44	0.00331	24.7	0.0356	16.2	0.00101	0.000874	0.00000456	0.00526	0.00141	0.0263	0.0163	0.00000488	15.6	0.0000149	0.000294
2077 Mar	84.2	0.105	0.44	0.00331	24.7	0.0356	16.2	0.00101	0.000875	0.00000456	0.00527	0.00141	0.0263	0.0163	0.00000489	15.6	0.0000149	0.000294
2077 Apr	84.5	0.106	0.442	0.00332	24.8	0.0357	16.3	0.00102	0.000878	0.00000458	0.00528	0.00141	0.0264	0.0164	0.0000049	15.6	0.0000149	0.000296
2077 May	85.3	0.106	0.439	0.00331	24.9	0.0357	16.3	0.00102	0.000884	0.00000461	0.00533	0.00143	0.0263	0.0168	0.00000493	16	0.0000151	0.0003
2077 Jun	81.7	0.0999	0.415	0.00314	23.7	0.0331	15.7	0.000965	0.000827	0.00000432	0.00495	0.00138	0.0251	0.0164	0.00000463	15.5	0.0000144	0.00029
2077 Jul	85.1	0.104	0.431	0.00327	24.6	0.0345	16.4	0.00101	0.000869	0.00000453	0.00522	0.00144	0.0261	0.0171	0.00000486	16.1	0.0000152	0.000302
2077 Aug	88.8	0.108	0.448	0.0034	25.7	0.0362	17	0.00106	0.00091	0.00000475	0.00546	0.0015	0.0272	0.0179	0.00000508	16.9	0.0000158	0.000316
2077 Sep	84.9	0.104	0.421	0.00323	24.5	0.0355	16.1	0.00103	0.000886	0.00000461	0.00536	0.00144	0.026	0.0172	0.00000493	16.3	0.0000151	0.000302
2077 Oct	84.1	0.104	0.417	0.0032	24.3	0.0355	16	0.00102	0.00088	0.00000458	0.00534	0.00143	0.0258	0.017	0.0000049	16.1	0.000015	0.000299
2077 Nov	84.3	0.105	0.418	0.00321	24.3	0.0356	16.1	0.00102	0.000882	0.00000459	0.00536	0.00144	0.0259	0.0171	0.00000491	16.2	0.000015	0.000299
2077 Dec	84.4	0.105	0.419	0.00321	24.4	0.0356	16.1	0.00102	0.000882	0.0000046	0.00536	0.00144	0.0259	0.0171	0.00000491	16.2	0.000015	0.0003
2078 Jan	84.4	0.105	0.419	0.00321	24.4	0.0356	16.1	0.00102	0.000883	0.0000046	0.00536	0.00144	0.0259	0.0171	0.00000491	16.2	0.000015	0.0003
2078 Feb	84.4	0.105	0.419	0.00321	24.4	0.0356	16.1	0.00102	0.000883	0.0000046	0.00536	0.00144	0.0259	0.0171	0.00000491	16.2	0.000015	0.0003
2078 Mar	84.4	0.105	0.419	0.00321	24.4	0.0356	16.1	0.00102	0.000883	0.0000046	0.00536	0.00144	0.0259	0.0171	0.00000492	16.2	0.0000151	0.0003
2078 Apr	85	0.105	0.422	0.00323	24.5	0.0359	16.2	0.00103	0.000889	0.00000463	0.0054	0.00145	0.0261	0.0172	0.00000495	16.3	0.0000152	0.000302
2078 May	85.2	0.104	0.414	0.00318	24.5	0.035	16.2	0.00102	0.000876	0.00000456	0.0053	0.00146	0.0257	0.0178	0.00000488	16.7	0.0000151	0.000306
2078 Jun	83.1	0.101	0.408	0.00312	23.9	0.0329	16.4	0.000954	0.000803	0.0000042	0.00478	0.00141	0.0255	0.0167	0.00000453	15.9	0.0000141	0.000297
2078 Jul	87	0.105	0.427	0.00327	25	0.0346	17.2	0.001	0.000843	0.00000441	0.00502	0.00148	0.0268	0.0174	0.00000476	16.5	0.0000147	0.00031
2078 Aug	88.4	0.106	0.431	0.00332	25.4	0.0356	17.4	0.00103	0.000868	0.00000454	0.00515	0.00151	0.0272	0.0179	0.00000489	16.9	0.0000149	0.000315

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Sep	88.9	0.107	0.431	0.00332	25.5	0.0361	17.5	0.00104	0.000879	0.0000046	0.00523	0.00152	0.0273	0.018	0.00000495	17.1	0.000015	0.000317
2078 Oct	87.8	0.106	0.422	0.00327	25.2	0.0359	17.2	0.00103	0.000874	0.00000457	0.00523	0.00151	0.027	0.0179	0.00000491	16.9	0.0000149	0.000314
2078 Nov	87.7	0.106	0.421	0.00327	25.2	0.036	17.2	0.00103	0.000875	0.00000457	0.00524	0.00151	0.0269	0.0179	0.00000491	16.9	0.0000149	0.000314
2078 Dec	87.8	0.106	0.422	0.00327	25.2	0.036	17.2	0.00103	0.000876	0.00000457	0.00524	0.00151	0.0269	0.0179	0.00000492	16.9	0.0000149	0.000314
2079 Jan	87.8	0.106	0.422	0.00327	25.2	0.036	17.2	0.00103	0.000876	0.00000457	0.00524	0.00151	0.0269	0.0179	0.00000492	16.9	0.0000149	0.000314
2079 Feb	87.8	0.106	0.422	0.00327	25.2	0.036	17.2	0.00103	0.000876	0.00000457	0.00524	0.00151	0.0269	0.0179	0.00000492	16.9	0.0000149	0.000314
2079 Mar	87.8	0.107	0.422	0.00327	25.2	0.036	17.2	0.00103	0.000876	0.00000458	0.00525	0.00151	0.027	0.0179	0.00000492	17	0.0000149	0.000314
2079 Apr	88.2	0.107	0.423	0.00328	25.3	0.0362	17.2	0.00104	0.00088	0.0000046	0.00527	0.00151	0.0271	0.018	0.00000494	17	0.000015	0.000315
2079 May	89.5	0.108	0.429	0.00333	25.7	0.0367	17.5	0.00105	0.000893	0.00000467	0.00535	0.00154	0.0274	0.0183	0.00000501	17.3	0.0000152	0.00032
2079 Jun	82.6	0.0983	0.396	0.00309	23.5	0.0335	16.4	0.000984	0.00083	0.00000434	0.005	0.00143	0.0257	0.0165	0.00000467	15.7	0.0000146	0.000297
2079 Jul	83.1	0.0987	0.404	0.00316	23.6	0.0339	16.7	0.000996	0.000835	0.00000437	0.00502	0.00144	0.0264	0.0161	0.00000471	15.5	0.0000147	0.000297
2079 Aug	86	0.102	0.416	0.00326	24.4	0.0354	17.3	0.00104	0.00087	0.00000455	0.00522	0.00149	0.0272	0.0168	0.0000049	16.1	0.0000152	0.000307
2079 Sep	84.6	0.101	0.405	0.00319	24	0.0353	16.9	0.00103	0.000867	0.00000453	0.00524	0.00147	0.0267	0.0166	0.00000487	16	0.000015	0.000303
2079 Oct	83.4	0.101	0.398	0.00315	23.7	0.0352	16.7	0.00102	0.000858	0.00000448	0.00521	0.00146	0.0264	0.0164	0.00000482	15.7	0.0000148	0.000298
2079 Nov	83.1	0.101	0.397	0.00314	23.6	0.0352	16.7	0.00101	0.000853	0.00000446	0.00519	0.00145	0.0264	0.0162	0.00000479	15.6	0.0000147	0.000296
2079 Dec	82.9	0.101	0.396	0.00313	23.5	0.0352	16.6	0.00101	0.00085	0.00000444	0.00518	0.00145	0.0263	0.0162	0.00000478	15.6	0.0000146	0.000295
2080 Jan	82.9	0.101	0.396	0.00313	23.5	0.0352	16.6	0.00101	0.00085	0.00000444	0.00518	0.00145	0.0263	0.0162	0.00000478	15.6	0.0000146	0.000295
2080 Feb	82.9	0.101	0.396	0.00313	23.5	0.0352	16.6	0.00101	0.000851	0.00000444	0.00518	0.00145	0.0263	0.0162	0.00000478	15.6	0.0000146	0.000295
2080 Mar	82.9	0.101	0.396	0.00313	23.5	0.0352	16.6	0.00101	0.000851	0.00000444	0.00518	0.00145	0.0263	0.0162	0.00000478	15.6	0.0000146	0.000295
2080 Apr	83.1	0.101	0.397	0.00314	23.6	0.0353	16.7	0.00101	0.000853	0.00000445	0.00519	0.00145	0.0264	0.0162	0.00000479	15.6	0.0000147	0.000296
2080 May	84.5	0.103	0.404	0.00319	24	0.0359	17	0.00103	0.000867	0.00000453	0.00528	0.00147	0.0268	0.0165	0.00000487	15.9	0.0000149	0.000301
2080 Jun	81	0.0973	0.39	0.0031	22.9	0.0344	16.5	0.001	0.00084	0.00000439	0.00514	0.00142	0.0262	0.0153	0.00000473	14.9	0.0000148	0.000289
2080 Jul	80.9	0.0962	0.392	0.00312	22.8	0.0345	16.7	0.00101	0.000839	0.00000439	0.00511	0.00142	0.0266	0.0149	0.00000474	14.6	0.0000147	0.000287
2080 Aug	82.2	0.0974	0.395	0.00316	23.1	0.0354	16.9	0.00103	0.000862	0.00000451	0.00524	0.00145	0.027	0.0152	0.00000486	14.9	0.000015	0.000292
2080 Sep	81.3	0.0969	0.389	0.00312	22.9	0.0356	16.7	0.00103	0.000859	0.00000449	0.00522	0.00144	0.0267	0.0151	0.00000483	14.8	0.0000147	0.000289
2080 Oct	80.8	0.0975	0.388	0.00311	22.7	0.0355	16.7	0.00102	0.000849	0.00000444	0.00517	0.00143	0.0267	0.0149	0.00000478	14.6	0.0000145	0.000286
2080 Nov	80.4	0.0978	0.387	0.0031	22.6	0.0355	16.7	0.00101	0.000842	0.0000044	0.00514	0.00142	0.0266	0.0147	0.00000475	14.5	0.0000143	0.000283
2080 Dec	80.4	0.0979	0.387	0.0031	22.6	0.0355	16.7	0.00101	0.000842	0.0000044	0.00514	0.00142	0.0266	0.0147	0.00000475	14.5	0.0000143	0.000283
2081 Jan	80.4	0.0979	0.387	0.0031	22.6	0.0355	16.7	0.00101	0.000842	0.0000044	0.00514	0.00142	0.0266	0.0147	0.00000475	14.5	0.0000143	0.000283
2081 Feb	80.4	0.0979	0.387	0.0031	22.6	0.0355	16.7	0.00101	0.000842	0.0000044	0.00514	0.00142	0.0266	0.0147	0.00000475	14.5	0.0000143	0.000283
2081 Mar	80.5	0.098	0.387	0.00311	22.6	0.0355	16.7	0.00101	0.000842	0.0000044	0.00514	0.00142	0.0266	0.0147	0.00000475	14.5	0.0000143	0.000284
2081 Apr	80.8	0.0983	0.389	0.00312	22.7	0.0357	16.8	0.00102	0.000846	0.00000442	0.00516	0.00143	0.0267	0.0148	0.00000477	14.6	0.0000144	0.000285
2081 May	82	0.0987	0.385	0.0031	23	0.0353	16.8	0.00102	0.000849	0.00000444	0.00518	0.00146	0.0266	0.0157	0.00000478	15.3	0.0000146	0.000292
2081 Jun	82.1	0.0972	0.381	0.00306	23	0.0341	17.1	0.000987	0.000811	0.00000425	0.00492	0.00145	0.0266	0.0157	0.00000461	15.2	0.0000142	0.000294
2081 Jul	86.9	0.103	0.404	0.00325	24.3	0.0361	18.2	0.00104	0.000857	0.00000449	0.00519	0.00154	0.0282	0.0165	0.00000487	16	0.000015	0.000311
2081 Aug	91.6	0.108	0.425	0.00342	25.6	0.0381	19.2	0.0011	0.000904	0.00000474	0.00548	0.00162	0.0297	0.0174	0.00000514	16.9	0.0000158	0.000328
2081 Sep	91	0.108	0.419	0.00339	25.4	0.0383	19	0.0011	0.000909	0.00000476	0.00551	0.00161	0.0295	0.0174	0.00000515	16.9	0.0000158	0.000327
2081 Oct	90.6	0.108	0.415	0.00336	25.3	0.0384	18.8	0.0011	0.000909	0.00000476	0.00554	0.00161	0.0293	0.0174	0.00000515	16.9	0.0000157	0.000325
2081 Nov	89.4	0.107	0.407	0.00331	25	0.0381	18.5	0.00109	0.000902	0.00000472	0.00552	0.00159	0.0289	0.0172	0.0000051	16.7	0.0000156	0.000321
2081 Dec	89.4	0.107	0.407	0.00331	25	0.0381	18.5	0.00109	0.000902	0.00000472	0.00552	0.00159	0.0289	0.0172	0.0000051	16.7	0.0000156	0.000321
2082 Jan	89.4	0.107	0.407	0.00331	25	0.0381	18.5	0.00109	0.000902	0.00000472	0.00552	0.00159	0.0289	0.0172	0.0000051	16.7	0.0000156	0.000321
2082 Feb	89.4	0.107	0.407	0.00331	25	0.0381	18.5	0.00109	0.000902	0.00000472	0.00552	0.00159	0.0289	0.0172	0.0000051	16.8	0.0000156	0.000321
2082 Mar	89.4	0.107	0.407	0.00331	25	0.0381	18.5	0.00109	0.000902	0.00000472	0.00552	0.00159	0.0289	0.0172	0.00000511	16.8	0.0000156	0.000321
2082 Apr	89.7	0.107	0.408	0.00332	25.1	0.0382	18.6	0.00109	0.000905	0.00000474	0.00554	0.0016	0.029	0.0173	0.00000512	16.8	0.0000156	0.000322
2082 May	91.1	0.109	0.414	0.00337	25.4	0.0388	18.9	0.00111	0.000919	0.00000481	0.00563	0.00162	0.0294	0.0175	0.0000052	17.1	0.0000159	0.000327
2082 Jun	83.3	0.0978	0.379	0.00312	23	0.0356	17.4	0.00104	0.000863	0.00000451	0.00533	0.00149	0.0274	0.0156	0.00000487	15.3	0.0000153	0.000301
2082 Jul	81.9	0.0953	0.38	0.00312	22.6	0.0349	17.6	0.00103	0.000837	0.00000439	0.00515	0.00147	0.0276	0.0146	0.00000476	14.5	0.0000151	0.000294
2082 Aug	84.7	0.0984	0.392	0.00322	23.3	0.0363	18.2	0.00107	0.000871	0.00000457	0.00535	0.00152	0.0286	0.0151	0.00000495	15.1	0.0000155	0.000304
2082 Sep	85.3	0.0994	0.392	0.00323	23.5	0.0368	18.2	0.00108	0.000883	0.00000463	0.00544	0.00153	0.0287	0.0153	0.00000501	15.3	0.0000157	0.000307
2082 Oct	82	0.097	0.371	0.00309	22.6	0.036	17.4	0.00105	0.000861	0.00000451	0.00536	0.00148	0.0275	0.0149	0.00000487	14.9	0.0000152	0.000295
2082 Nov	82.2	0.0972	0.372	0.00309	22.6	0.0361	17.4	0.00105	0.000863	0.00000452	0.00538	0.00148	0.0275	0.015	0.00000488	14.9	0.0000152	0.000296
2082 Dec	82.2	0.0973	0.372	0.00309	22.6	0.0361	17.4	0.00105	0.000864	0.00000452	0.00538	0.00148	0.0275	0.015	0.00000488	14.9	0.0000153	0.000296
2083 Jan	82.2	0.0973	0.372	0.00309	22.6	0.0361	17.4	0.00105	0.000864	0.00000452	0.00538	0.00149	0.0276	0.015	0.00000488	14.9	0.0000153	0.000296
2083 Feb	82.3	0.0973	0.372	0.0031	22.6	0.0361	17.4	0.00105	0.000864	0.00000452	0.00538	0.00149	0.0276	0.015	0.00000489	14.9	0.0000153	0.000296
2083 Mar	82.3	0.0974	0.372	0.0031	22.6	0.0362	17.4	0.00105	0.000865	0.00000452	0.00539	0.00149	0.0276	0.015	0.00000489	14.9	0.0000153	0.000297
2083 Apr	82.7	0.0978	0.374	0.00311	22.7	0.0363	17.5	0.00105	0.000868	0.00000454	0.00541	0.00149	0.0277	0.0151	0.00000491	15	0.0000153	0.000298
2083 May	83.9	0.0985	0.372	0.00311	23	0.0362	17.6	0.00106	0.000875	0.00000458	0.00545	0.00152	0.0276	0.0159	0.00000494	15.6	0.0000156	0.000305
2083 Jun	82	0.0946	0.361	0.00299	22.4	0.0337	17.6	0.000997	0.000805	0.00000422	0.00495	0.00149	0.0269	0.0156	0.00000459	15.3	0.0000146	0.000299
2083 Jul	84.4	0.0971	0.374	0.0031	23.1	0.0348	18.3	0.00103	0.000824	0.00000433	0.00505	0.00153	0.028	0.0157	0.00000472	15.5	0.0000149	0.000307
2083 Aug	84.9	0.0969	0.372	0.00311	23.2	0.0357	18.3	0.00105	0.000845	0.00000444	0.00515	0.00155	0.028	0.016	0.00000482	15.7	0.0000149	0.000308
2083 Sep	83.9	0.097	0.365	0.00307	22.9	0.0357	18	0.00104	0.00084	0.00000441	0.00515	0.00153	0.0277	0.0158	0.00000479	15.6	0.0000148	0.000304
2083 Oct	81.8	0.097	0.36	0.00301	22.3	0.0353	17.9	0.00101	0.000811	0.00000426	0.005	0.0015	0.0273	0.0151	0.00000464	15	0.0000142	0.000293
2083 Nov	81.5	0.0972	0.359	0.003	22.3	0.0353	17.9	0.001	0.000803	0.00000422	0.00496	0.00149	0.0274	0.0149	0.0000046	14.9	0.000014	0.000292
2083 Dec	81.6	0.0972	0.359	0.00301	22.3	0.0353	17.9	0.001	0.000803	0.00000422	0.00496	0.00149	0.0274	0.0149	0.0000046	14.9	0.000014	0.000292
2084 Jan	81.6	0.0972	0.359	0.00301	22.3	0.0353	17.9	0.001	0.000803	0.00000422	0.00496	0.00149	0.0274	0.0149	0.0000046	14.9	0.000014	0.000292
2084 Feb	81.6	0.0972	0.359	0.00301	22.3	0.0353	17.9	0.00101	0.000803	0.00000422	0.00496	0.00149	0.0274	0.0149	0.0000046	14.9	0.000014	0.000292
2084 Mar	81.7	0.0973	0.36	0.00301	22.3	0.0353	18	0.00101	0.000804	0.00000423	0.00496	0.00149	0.0274	0.0149	0.00000461	14.9	0.000014	0.000292

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Apr	82.2	0.0979	0.362	0.00303	22.5	0.0355	18.1	0.00101	0.000809	0.00000425	0.00499	0.0015	0.0276	0.015	0.00000464	15	0.0000141	0.000294
2084 May	83.6	0.0984	0.358	0.00301	22.7	0.0353	18.1	0.00102	0.000818	0.00000429	0.00505	0.00154	0.0274	0.016	0.00000467	15.7	0.0000144	0.000303
2084 Jun	82.5	0.0946	0.349	0.00293	22.4	0.0334	18.3	0.000971	0.000762	0.00000402	0.00467	0.00151	0.0272	0.0155	0.00000441	15.4	0.0000138	0.000301
2084 Jul	85.4	0.0976	0.362	0.00305	23.1	0.0347	19	0.00101	0.000791	0.00000417	0.00484	0.00156	0.0283	0.0159	0.00000458	15.8	0.0000143	0.000311
2084 Aug	87.9	0.1	0.371	0.00313	23.8	0.036	19.5	0.00104	0.000819	0.00000432	0.005	0.00161	0.0291	0.0165	0.00000474	16.3	0.0000147	0.00032
2084 Sep	87	0.0995	0.363	0.00309	23.5	0.036	19.2	0.00104	0.000821	0.00000433	0.00502	0.0016	0.0288	0.0164	0.00000473	16.2	0.0000146	0.000317
2084 Oct	85	0.0985	0.352	0.003	23	0.0357	18.7	0.00102	0.000809	0.00000426	0.005	0.00157	0.0281	0.0161	0.00000466	15.9	0.0000143	0.00031
2084 Nov	84.5	0.0986	0.351	0.00299	22.9	0.0356	18.7	0.00102	0.000804	0.00000423	0.00498	0.00156	0.028	0.0159	0.00000463	15.8	0.0000142	0.000307
2084 Dec	84.5	0.0986	0.351	0.003	22.9	0.0356	18.7	0.00102	0.000805	0.00000424	0.00498	0.00156	0.028	0.0159	0.00000463	15.8	0.0000142	0.000307
2085 Jan	84.5	0.0986	0.351	0.003	22.9	0.0356	18.7	0.00102	0.000805	0.00000424	0.00498	0.00156	0.028	0.0159	0.00000463	15.8	0.0000142	0.000307
2085 Feb	84.5	0.0986	0.351	0.003	22.9	0.0356	18.7	0.00102	0.000805	0.00000424	0.00498	0.00156	0.028	0.0159	0.00000463	15.8	0.0000142	0.000308
2085 Mar	84.6	0.0987	0.351	0.003	22.9	0.0357	18.7	0.00102	0.000805	0.00000424	0.00498	0.00156	0.028	0.0159	0.00000463	15.8	0.0000142	0.000308
2085 Apr	84.8	0.099	0.353	0.00301	23	0.0358	18.8	0.00102	0.000808	0.00000425	0.005	0.00157	0.0281	0.016	0.00000465	15.9	0.0000143	0.000309
2085 May	85.8	0.0992	0.349	0.00299	23.1	0.0355	18.8	0.00103	0.000814	0.00000428	0.00503	0.00159	0.0279	0.0167	0.00000467	16.4	0.0000145	0.000315
2085 Jun	85.9	0.098	0.347	0.00296	23	0.0346	18.9	0.00101	0.000796	0.00000419	0.0049	0.0016	0.0278	0.0169	0.00000459	16.6	0.0000144	0.000317
2085 Jul	89.5	0.102	0.36	0.00309	24	0.0362	19.6	0.00106	0.000834	0.00000439	0.00513	0.00166	0.029	0.0177	0.0000048	17.3	0.000015	0.00033
2085 Aug	88.7	0.101	0.353	0.00305	23.7	0.0365	19.3	0.00106	0.000842	0.00000443	0.00516	0.00166	0.0287	0.0177	0.00000483	17.3	0.0000148	0.000327
2085 Sep	86.7	0.0996	0.346	0.003	23.2	0.0363	19	0.00105	0.000825	0.00000434	0.00506	0.00163	0.0283	0.0171	0.00000474	16.8	0.0000144	0.000318
2085 Oct	85.5	0.0995	0.345	0.00298	22.9	0.0361	19.1	0.00103	0.000806	0.00000424	0.00497	0.0016	0.0282	0.0164	0.00000465	16.3	0.000014	0.000312
2085 Nov	85	0.0995	0.344	0.00297	22.8	0.036	19.1	0.00102	0.000797	0.0000042	0.00492	0.00159	0.0282	0.0161	0.0000046	16.1	0.0000139	0.000309
2085 Dec	85.1	0.0995	0.344	0.00297	22.8	0.0361	19.1	0.00102	0.000797	0.0000042	0.00492	0.00159	0.0283	0.0161	0.0000046	16.1	0.0000139	0.000309
2086 Jan	85.1	0.0995	0.344	0.00297	22.8	0.0361	19.1	0.00102	0.000797	0.0000042	0.00492	0.00159	0.0283	0.0161	0.0000046	16.1	0.0000139	0.000309
2086 Feb	85.1	0.0995	0.344	0.00297	22.8	0.0361	19.1	0.00102	0.000797	0.0000042	0.00492	0.00159	0.0283	0.0161	0.0000046	16.1	0.0000139	0.000309
2086 Mar	85.1	0.0995	0.344	0.00297	22.8	0.0361	19.1	0.00102	0.000797	0.0000042	0.00492	0.00159	0.0283	0.0162	0.00000461	16.1	0.0000139	0.00031
2086 Apr	85.5	0.1	0.346	0.00298	22.9	0.0362	19.2	0.00103	0.000801	0.00000422	0.00494	0.0016	0.0284	0.0162	0.00000463	16.2	0.0000139	0.000311
2086 May	86.8	0.101	0.348	0.00301	23.2	0.0366	19.4	0.00104	0.000814	0.00000429	0.00503	0.00163	0.0286	0.0167	0.0000047	16.6	0.0000142	0.000317
2086 Jun	84.2	0.0951	0.333	0.0029	22.3	0.0343	19.1	0.000999	0.000769	0.00000406	0.00475	0.00158	0.028	0.016	0.00000447	15.9	0.0000139	0.000311
2086 Jul	87.7	0.0982	0.35	0.00305	23.2	0.0358	20.2	0.00104	0.000795	0.00000421	0.0049	0.00165	0.0296	0.0161	0.00000464	16.2	0.0000145	0.000322
2086 Aug	89.3	0.0998	0.354	0.0031	23.6	0.0369	20.5	0.00107	0.000821	0.00000434	0.00505	0.00168	0.0301	0.0165	0.00000478	16.6	0.0000147	0.000328
2086 Sep	87.9	0.0986	0.344	0.00303	23.3	0.037	20	0.00106	0.000822	0.00000434	0.00507	0.00166	0.0296	0.0164	0.00000477	16.5	0.0000145	0.000324
2086 Oct	87.5	0.0987	0.34	0.00301	23.1	0.037	19.9	0.00106	0.000823	0.00000434	0.0051	0.00166	0.0294	0.0164	0.00000476	16.5	0.0000145	0.000323
2086 Nov	87.7	0.099	0.341	0.00302	23.2	0.0371	19.9	0.00106	0.000825	0.00000435	0.00511	0.00166	0.0295	0.0165	0.00000478	16.5	0.0000145	0.000323
2086 Dec	87.8	0.099	0.341	0.00302	23.2	0.0371	19.9	0.00107	0.000826	0.00000436	0.00511	0.00166	0.0295	0.0165	0.00000478	16.5	0.0000145	0.000324
2087 Jan	87.8	0.099	0.341	0.00302	23.2	0.0371	20	0.00107	0.000826	0.00000436	0.00511	0.00166	0.0295	0.0165	0.00000478	16.5	0.0000145	0.000324
2087 Feb	87.8	0.099	0.342	0.00302	23.2	0.0371	20	0.00107	0.000826	0.00000436	0.00511	0.00166	0.0295	0.0165	0.00000478	16.5	0.0000146	0.000324
2087 Mar	87.9	0.0991	0.342	0.00302	23.2	0.0372	20	0.00107	0.000827	0.00000436	0.00512	0.00166	0.0295	0.0165	0.00000479	16.5	0.0000146	0.000324
2087 Apr	88.1	0.0994	0.343	0.00303	23.3	0.0373	20	0.00107	0.000829	0.00000437	0.00513	0.00167	0.0296	0.0165	0.0000048	16.6	0.0000146	0.000325
2087 May	88.6	0.0995	0.341	0.00302	23.4	0.0371	20	0.00107	0.000831	0.00000438	0.00515	0.00168	0.0295	0.0169	0.00000481	16.9	0.0000147	0.000328
2087 Jun	87.1	0.0966	0.332	0.00294	22.8	0.0353	19.7	0.00104	0.000801	0.00000423	0.00494	0.00166	0.0287	0.017	0.00000465	16.9	0.0000145	0.000324
2087 Jul	89.1	0.0984	0.338	0.003	23.3	0.0364	20.1	0.00108	0.00083	0.00000437	0.00511	0.00171	0.0293	0.0175	0.0000048	17.3	0.0000149	0.000332
2087 Aug	92.3	0.102	0.348	0.00311	24.1	0.0379	20.8	0.00112	0.000865	0.00000456	0.00532	0.00177	0.0303	0.0182	0.00000499	17.9	0.0000154	0.000343
2087 Sep	93.5	0.104	0.352	0.00314	24.4	0.0387	21	0.00114	0.000881	0.00000464	0.00544	0.00179	0.0307	0.0185	0.00000508	18.2	0.0000157	0.000348
2087 Oct	92.5	0.103	0.346	0.0031	24.2	0.0385	20.7	0.00113	0.000878	0.00000462	0.00545	0.00178	0.0303	0.0184	0.00000506	18.1	0.0000156	0.000345
2087 Nov	92.1	0.103	0.343	0.00308	24.1	0.0385	20.6	0.00113	0.000877	0.00000461	0.00545	0.00177	0.0301	0.0183	0.00000504	18.1	0.0000156	0.000343
2087 Dec	92.2	0.103	0.343	0.00309	24.1	0.0385	20.6	0.00113	0.000877	0.00000461	0.00545	0.00177	0.0301	0.0183	0.00000505	18.1	0.0000156	0.000343
2088 Jan	92.2	0.103	0.343	0.00309	24.1	0.0385	20.6	0.00113	0.000877	0.00000461	0.00545	0.00177	0.0302	0.0183	0.00000505	18.1	0.0000156	0.000343
2088 Feb	92.2	0.103	0.343	0.00309	24.1	0.0385	20.6	0.00113	0.000877	0.00000462	0.00545	0.00177	0.0302	0.0183	0.00000505	18.1	0.0000156	0.000343
2088 Mar	92.3	0.103	0.344	0.00309	24.1	0.0385	20.6	0.00113	0.000878	0.00000462	0.00546	0.00177	0.0302	0.0184	0.00000505	18.1	0.0000156	0.000344
2088 Apr	93.1	0.104	0.347	0.00312	24.3	0.0389	20.8	0.00114	0.000886	0.00000466	0.00551	0.00179	0.0305	0.0185	0.0000051	18.3	0.0000157	0.000347
2088 May	95	0.106	0.353	0.00318	24.8	0.0396	21.2	0.00116	0.000904	0.00000475	0.00562	0.00182	0.0311	0.0189	0.0000052	18.6	0.000016	0.000354
2088 Jun	89.7	0.0983	0.329	0.003	23.2	0.0375	19.8	0.00113	0.000884	0.00000464	0.00555	0.00173	0.0293	0.0179	0.00000505	17.7	0.000016	0.000337
2088 Jul	92.2	0.101	0.339	0.0031	23.8	0.0386	20.4	0.00117	0.000916	0.00000481	0.00577	0.00179	0.0303	0.0183	0.00000524	18.1	0.0000167	0.000347
2088 Aug	97.7	0.107	0.358	0.00328	25.2	0.041	21.6	0.00124	0.000972	0.0000051	0.00612	0.0019	0.0321	0.0194	0.00000556	19.2	0.0000177	0.000368
2088 Sep	98.8	0.108	0.361	0.00331	25.5	0.0417	21.8	0.00126	0.000988	0.00000518	0.00622	0.00192	0.0325	0.0197	0.00000564	19.4	0.0000179	0.000372
2088 Oct	94.6	0.105	0.34	0.00315	24.4	0.0406	20.7	0.00121	0.00096	0.00000502	0.00611	0.00184	0.0309	0.0191	0.00000546	18.8	0.0000173	0.000356
2088 Nov	93.8	0.105	0.336	0.00312	24.2	0.0404	20.5	0.0012	0.000956	0.000005	0.0061	0.00183	0.0307	0.019	0.00000543	18.7	0.0000172	0.000353
2088 Dec	93.9	0.105	0.337	0.00312	24.2	0.0405	20.5	0.00121	0.000956	0.000005	0.00611	0.00183	0.0307	0.019	0.00000543	18.7	0.0000172	0.000354
2089 Jan	93.9	0.105	0.337	0.00312	24.2	0.0405	20.5	0.00121	0.000956	0.000005	0.00611	0.00183	0.0307	0.019	0.00000543	18.7	0.0000172	0.000354
2089 Feb	93.9	0.105	0.337	0.00312	24.2	0.0405	20.5	0.00121	0.000956	0.00000501	0.00611	0.00183	0.0307	0.019	0.00000543	18.7	0.0000172	0.000354
2089 Mar	94	0.105	0.337	0.00313	24.2	0.0405	20.5	0.00121	0.000958	0.00000501	0.00612	0.00183	0.0307	0.019	0.00000544	18.7	0.0000173	0.000354
2089 Apr	94.5	0.105	0.339	0.00315	24.4	0.0408	20.7	0.00121	0.000963	0.00000504	0.00615	0.00184	0.0309	0.0191	0.00000547	18.8	0.0000174	0.000356
2089 May	95.2	0.105	0.335	0.00312	24.5	0.0405	20.6	0.00122	0.000967	0.00000506	0.00618	0.00185	0.0307	0.0197	0.00000548	19.2	0.0000175	0.000361
2089 Jun	93.7	0.102	0.325	0.00302	24	0.0386	20.2	0.00118	0.000933	0.00000488	0.00593	0.00183	0.0297	0.02	0.0000053	19.3	0.0000172	0.000358
2089 Jul	96.3	0.105	0.332	0.00311	24.6	0.04	20.7	0.00122	0.000969	0.00000506	0.00615	0.00189	0.0305	0.0206	0.00000549	19.9	0.0000177	0.000368
2089 Aug	99.2	0.108	0.34	0.0032	25.4	0.0415	21.2	0.00126	0.00101	0.00000526	0.00637	0.00195	0.0313	0.0213	0.00000569	20.6	0.0000182	0.000378
2089 Sep	99.1	0.108	0.338	0.00319	25.4	0.0418	21.1	0.00127	0.00101	0.00000529	0.00643	0.00195	0.0313	0.0214	0.00000572	20.6	0.0000182	0.000378
2089 Oct	94.3	0.105	0.322	0.00304	24.1	0.0405	20.2	0.00121	0.000964	0.00000504	0.00617	0.00186	0.0299	0.0201	0.00000545	19.5	0.0000173	0.000358

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Nov	94.1	0.105	0.323	0.00304	24.1	0.0404	20.3	0.00121	0.000959	0.00000501	0.00614	0.00185	0.03	0.02	0.00000543	19.4	0.0000172	0.000356
2089 Dec	94.1	0.105	0.323	0.00304	24.1	0.0404	20.3	0.00121	0.000959	0.00000501	0.00614	0.00185	0.03	0.02	0.00000543	19.4	0.0000172	0.000356
2090 Jan	94.2	0.105	0.323	0.00304	24.1	0.0404	20.3	0.00121	0.000959	0.00000501	0.00614	0.00185	0.03	0.02	0.00000543	19.4	0.0000172	0.000357
2090 Feb	94.2	0.105	0.323	0.00305	24.1	0.0404	20.3	0.00121	0.00096	0.00000501	0.00614	0.00185	0.03	0.02	0.00000543	19.4	0.0000172	0.000357
2090 Mar	94.3	0.106	0.324	0.00305	24.1	0.0405	20.3	0.00121	0.000961	0.00000502	0.00615	0.00186	0.03	0.02	0.00000544	19.4	0.0000172	0.000357
2090 Apr	94.6	0.106	0.325	0.00306	24.2	0.0406	20.4	0.00121	0.000964	0.00000504	0.00617	0.00186	0.0301	0.0201	0.00000546	19.5	0.0000173	0.000358
2090 May	95.7	0.107	0.327	0.00309	24.5	0.041	20.6	0.00123	0.000974	0.00000509	0.00624	0.00188	0.0304	0.0204	0.00000551	19.8	0.0000175	0.000363
2090 Jun	89.8	0.0986	0.316	0.00293	22.8	0.037	20.1	0.00113	0.000868	0.00000456	0.0055	0.00177	0.0291	0.0184	0.00000498	18.1	0.000016	0.000339
2090 Jul	92.3	0.101	0.327	0.00303	23.4	0.0381	20.8	0.00116	0.000891	0.00000468	0.00564	0.00182	0.0302	0.0186	0.00000512	18.4	0.0000165	0.000348
2090 Aug	90.1	0.0984	0.318	0.00296	22.9	0.0381	20.4	0.00115	0.000883	0.00000463	0.00554	0.00179	0.0297	0.0182	0.00000507	18	0.0000159	0.000339
2090 Sep	88.3	0.0978	0.314	0.00292	22.4	0.0377	20.4	0.00112	0.000851	0.00000448	0.00536	0.00175	0.0296	0.0172	0.00000491	17.3	0.0000152	0.00033
2090 Oct	86.2	0.0975	0.31	0.00288	21.9	0.0372	20.5	0.00108	0.000806	0.00000426	0.00511	0.00171	0.0295	0.016	0.0000047	16.4	0.0000144	0.000319
2090 Nov	85.8	0.0973	0.31	0.00287	21.8	0.0371	20.6	0.00107	0.000794	0.0000042	0.00504	0.0017	0.0296	0.0157	0.00000464	16.1	0.0000142	0.000316
2090 Dec	85.8	0.0974	0.31	0.00287	21.9	0.0371	20.6	0.00107	0.000794	0.0000042	0.00504	0.0017	0.0296	0.0157	0.00000464	16.1	0.0000142	0.000316
2091 Jan	85.8	0.0974	0.31	0.00287	21.9	0.0371	20.6	0.00107	0.000794	0.0000042	0.00504	0.0017	0.0296	0.0157	0.00000464	16.1	0.0000142	0.000316
2091 Feb	85.8	0.0974	0.31	0.00287	21.9	0.0371	20.6	0.00107	0.000794	0.0000042	0.00504	0.0017	0.0296	0.0157	0.00000464	16.1	0.0000142	0.000316
2091 Mar	86	0.0976	0.311	0.00287	21.9	0.0372	20.6	0.00107	0.000795	0.00000421	0.00505	0.0017	0.0296	0.0157	0.00000465	16.2	0.0000142	0.000317
2091 Apr	86.5	0.0982	0.313	0.00289	22	0.0374	20.7	0.00108	0.000801	0.00000423	0.00509	0.00171	0.0298	0.0158	0.00000468	16.3	0.0000143	0.000319
2091 May	88	0.0993	0.314	0.00292	22.4	0.0377	20.9	0.00109	0.000814	0.0000043	0.00517	0.00174	0.03	0.0164	0.00000475	16.7	0.0000146	0.000326
2091 Jun	87.1	0.0951	0.302	0.00282	22	0.0356	20.7	0.00106	0.000779	0.00000412	0.00493	0.00172	0.0293	0.0166	0.00000457	16.8	0.0000145	0.000327
2091 Jul	91.6	0.0996	0.318	0.00297	23.1	0.0375	21.8	0.00111	0.000821	0.00000435	0.0052	0.00181	0.0309	0.0174	0.00000482	17.6	0.0000153	0.000344
2091 Aug	91	0.0988	0.313	0.00294	23	0.0379	21.6	0.00112	0.000832	0.0000044	0.00525	0.00181	0.0307	0.0175	0.00000486	17.7	0.0000151	0.000342
2091 Sep	89.8	0.0977	0.305	0.00289	22.6	0.038	21.1	0.00111	0.000833	0.0000044	0.00525	0.00179	0.0302	0.0174	0.00000485	17.5	0.0000149	0.000338
2091 Oct	88.1	0.0973	0.303	0.00286	22.2	0.0375	21	0.00109	0.00081	0.00000428	0.00512	0.00176	0.03	0.0167	0.00000473	17	0.0000145	0.000329
2091 Nov	87	0.097	0.302	0.00284	21.9	0.0372	21	0.00108	0.000791	0.00000419	0.00502	0.00174	0.0299	0.0161	0.00000464	16.6	0.0000142	0.000324
2091 Dec	87	0.097	0.302	0.00284	21.9	0.0372	21.1	0.00108	0.000791	0.00000419	0.00502	0.00174	0.0299	0.0161	0.00000464	16.6	0.0000142	0.000324
2092 Jan	87.1	0.097	0.302	0.00284	21.9	0.0372	21.1	0.00108	0.000791	0.00000419	0.00502	0.00174	0.0299	0.0161	0.00000464	16.6	0.0000142	0.000324
2092 Feb	87.1	0.097	0.302	0.00284	21.9	0.0373	21.1	0.00108	0.000791	0.00000419	0.00502	0.00174	0.0299	0.0161	0.00000464	16.6	0.0000142	0.000324
2092 Mar	87.2	0.0972	0.302	0.00285	22	0.0373	21.1	0.00108	0.000793	0.0000042	0.00503	0.00174	0.03	0.0162	0.00000465	16.6	0.0000142	0.000324
2092 Apr	87.7	0.0978	0.304	0.00286	22.1	0.0375	21.2	0.00109	0.000797	0.00000422	0.00506	0.00175	0.0301	0.0163	0.00000468	16.7	0.0000143	0.000326
2092 May	89	0.0986	0.305	0.00288	22.4	0.0377	21.4	0.0011	0.000807	0.00000427	0.00512	0.00178	0.0303	0.0168	0.00000473	17.2	0.0000145	0.000332
2092 Jun	86	0.091	0.29	0.00274	21.4	0.0345	21.3	0.00103	0.000732	0.0000039	0.00463	0.00172	0.0296	0.0158	0.00000436	16.3	0.0000139	0.000324
2092 Jul	87.3	0.0915	0.297	0.00281	21.6	0.0351	21.9	0.00105	0.000741	0.00000396	0.00468	0.00175	0.0305	0.0155	0.00000444	16.2	0.0000141	0.000329
2092 Aug	90.8	0.0951	0.308	0.00292	22.5	0.0367	22.7	0.00109	0.000775	0.00000413	0.00489	0.00182	0.0317	0.0162	0.00000463	16.9	0.0000147	0.000342
2092 Sep	90.5	0.0951	0.305	0.0029	22.5	0.037	22.6	0.0011	0.000782	0.00000417	0.00494	0.00182	0.0316	0.0163	0.00000466	16.9	0.0000147	0.000342
2092 Oct	89.6	0.0948	0.299	0.00286	22.2	0.0369	22.3	0.00109	0.00078	0.00000415	0.00495	0.0018	0.0312	0.0162	0.00000464	16.8	0.0000146	0.000338
2092 Nov	89.5	0.0949	0.299	0.00286	22.2	0.0369	22.2	0.00109	0.000781	0.00000416	0.00496	0.0018	0.0311	0.0162	0.00000464	16.8	0.0000146	0.000338
2092 Dec	89.5	0.0949	0.299	0.00286	22.2	0.0369	22.2	0.00109	0.000781	0.00000416	0.00497	0.0018	0.0312	0.0162	0.00000464	16.8	0.0000146	0.000338
2093 Jan	89.5	0.0949	0.299	0.00286	22.2	0.0369	22.2	0.00109	0.000781	0.00000416	0.00497	0.0018	0.0312	0.0162	0.00000464	16.8	0.0000146	0.000338
2093 Feb	89.6	0.0949	0.299	0.00286	22.2	0.0369	22.2	0.00109	0.000781	0.00000416	0.00497	0.0018	0.0312	0.0162	0.00000464	16.8	0.0000146	0.000338
2093 Mar	89.8	0.0952	0.3	0.00287	22.3	0.037	22.3	0.00109	0.000784	0.00000417	0.00498	0.0018	0.0313	0.0162	0.00000465	16.9	0.0000146	0.000339
2093 Apr	90.3	0.0958	0.302	0.00289	22.4	0.0372	22.4	0.0011	0.000788	0.0000042	0.00501	0.00182	0.0314	0.0163	0.00000468	17	0.0000147	0.000341
2093 May	91.6	0.0968	0.302	0.0029	22.7	0.0375	22.6	0.00111	0.000801	0.00000426	0.0051	0.00184	0.0316	0.0169	0.00000475	17.4	0.000015	0.000347
2093 Jun	88.9	0.0923	0.289	0.00278	21.8	0.0353	21.9	0.00107	0.000764	0.00000406	0.00485	0.0018	0.0304	0.0167	0.00000454	17.1	0.0000146	0.000339
2093 Jul	92.3	0.0955	0.301	0.0029	22.6	0.0368	22.9	0.00112	0.000796	0.00000424	0.00505	0.00187	0.0317	0.0172	0.00000473	17.7	0.0000152	0.000351
2093 Aug	95.2	0.0983	0.309	0.00298	23.3	0.0382	23.5	0.00116	0.000827	0.0000044	0.00523	0.00193	0.0326	0.0178	0.00000491	18.3	0.0000157	0.000362
2093 Sep	94.8	0.0986	0.305	0.00296	23.2	0.0384	23.3	0.00116	0.000832	0.00000442	0.00529	0.00193	0.0324	0.0179	0.00000492	18.3	0.0000157	0.000361
2093 Oct	90.3	0.0961	0.289	0.00282	22.1	0.0374	22.2	0.00112	0.000802	0.00000426	0.00515	0.00184	0.0309	0.017	0.00000474	17.5	0.000015	0.000342
2093 Nov	89.4	0.0962	0.288	0.0028	21.9	0.0373	22.1	0.00111	0.000792	0.0000042	0.0051	0.00183	0.0308	0.0166	0.00000468	17.2	0.0000148	0.000337
2093 Dec	89.5	0.0962	0.288	0.00281	21.9	0.0373	22.2	0.00111	0.000792	0.00000421	0.00511	0.00183	0.0308	0.0167	0.00000468	17.2	0.0000148	0.000338
2094 Jan	89.5	0.0963	0.288	0.00281	21.9	0.0373	22.2	0.00111	0.000792	0.00000421	0.00511	0.00183	0.0308	0.0167	0.00000469	17.2	0.0000148	0.000338
2094 Feb	89.5	0.0963	0.288	0.00281	21.9	0.0373	22.2	0.00111	0.000792	0.00000421	0.00511	0.00183	0.0308	0.0167	0.00000469	17.2	0.0000148	0.000338
2094 Mar	89.6	0.0964	0.288	0.00281	21.9	0.0374	22.2	0.00111	0.000793	0.00000421	0.00512	0.00183	0.0309	0.0167	0.00000469	17.3	0.0000148	0.000338
2094 Apr	90	0.0968	0.289	0.00282	22	0.0375	22.3	0.00111	0.000797	0.00000423	0.00514	0.00184	0.031	0.0168	0.00000471	17.3	0.0000149	0.00034
2094 May	90.5	0.0967	0.288	0.00281	22.1	0.0372	22.3	0.00111	0.000795	0.00000422	0.00512	0.00185	0.0309	0.0171	0.0000047	17.6	0.000015	0.000343
2094 Jun	91.9	0.0961	0.287	0.00281	22.4	0.0366	22.7	0.00111	0.000786	0.00000418	0.00504	0.00188	0.0311	0.0177	0.00000467	18.1	0.0000151	0.000351
2094 Jul	97.4	0.102	0.304	0.00298	23.7	0.0389	24	0.00118	0.000838	0.00000445	0.00537	0.00199	0.0329	0.0188	0.00000497	19.2	0.000016	0.000372
2094 Aug	103	0.108	0.322	0.00316	25.1	0.0413	25.5	0.00125	0.000891	0.00000473	0.0057	0.00212	0.0349	0.0199	0.00000528	20.3	0.000017	0.000395
2094 Sep	103	0.108	0.317	0.00313	24.9	0.0415	25.2	0.00125	0.000895	0.00000475	0.00576	0.0021	0.0346	0.0199	0.00000529	20.3	0.000017	0.000392
2094 Oct	99.2	0.106	0.303	0.00301	24.1	0.0407	24.1	0.00122	0.000879	0.00000466	0.00571	0.00204	0.0333	0.0194	0.00000517	19.8	0.0000166	0.000379
2094 Nov	95.9	0.104	0.289	0.00289	23.3	0.0399	23.2	0.00119	0.000863	0.00000457	0.00566	0.00197	0.0321	0.019	0.00000506	19.2	0.0000162	0.000367
2094 Dec	95.7	0.104	0.288	0.00289	23.3	0.0399	23.1	0.00119	0.000862	0.00000456	0.00565	0.00197	0.032	0.0189	0.00000505	19.2	0.0000162	0.000366
2095 Jan	95.7	0.104	0.288	0.00289	23.3	0.0399	23.1	0.00119	0.000862	0.00000456	0.00565	0.00197	0.032	0.0189	0.00000505	19.2	0.0000162	0.000366
2095 Feb	95.7	0.104	0.288	0.00289	23.3	0.0399	23.1	0.00119	0.000862	0.00000456	0.00565	0.00197	0.032	0.0189	0.00000505	19.2	0.0000162	0.000366
2095 Mar	95.8	0.104	0.288	0.00289	23.3	0.0399	23.1	0.00119	0.000863	0.00000457	0.00566	0.00197	0.032	0.019	0.00000506	19.2	0.0000162	0.000366
2095 Apr	96.3	0.104	0.29	0.00291	23.4	0.0401	23.3	0.00119	0.000867	0.00000459	0.00569	0.00198	0.0322	0.019	0.00000508	19.3	0.0000163	0.000368
2095 May	96.5	0.104	0.287	0.00288	23.5	0.0397	23.1	0.00119	0.000866	0.00000458	0.00567	0.00198	0.0319	0.0195	0.00000507	19.6	0.0000163	0.000371

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Jun	97.8	0.104	0.288	0.00289	23.7	0.0394	23.4	0.0012	0.000867	0.00000459	0.00565	0.00202	0.032	0.0201	0.00000508	20.1	0.0000165	0.000377
2095 Jul	103	0.11	0.304	0.00306	25	0.0418	24.7	0.00127	0.000923	0.00000488	0.006	0.00213	0.0339	0.0213	0.0000054	21.3	0.0000175	0.000399
2095 Aug	102	0.108	0.297	0.00302	24.7	0.0419	24.2	0.00127	0.000926	0.00000489	0.006	0.00211	0.0334	0.0211	0.0000054	21.1	0.0000172	0.000394
2095 Sep	102	0.107	0.294	0.003	24.6	0.0422	24	0.00127	0.000933	0.00000492	0.00603	0.00211	0.0332	0.0212	0.00000542	21.1	0.0000171	0.000392
2095 Oct	101	0.107	0.292	0.00298	24.5	0.0422	23.9	0.00127	0.000933	0.00000492	0.00605	0.0021	0.033	0.0211	0.00000542	21.1	0.0000171	0.000391
2095 Nov	99.5	0.106	0.285	0.00292	24.1	0.0418	23.4	0.00125	0.000924	0.00000487	0.00602	0.00206	0.0324	0.0208	0.00000536	20.8	0.0000169	0.000384
2095 Dec	99.3	0.106	0.284	0.00292	24.1	0.0418	23.3	0.00125	0.000924	0.00000487	0.00602	0.00206	0.0323	0.0208	0.00000535	20.8	0.0000169	0.000383
2096 Jan	99.4	0.106	0.284	0.00292	24.1	0.0418	23.3	0.00125	0.000924	0.00000487	0.00602	0.00206	0.0323	0.0208	0.00000535	20.8	0.0000169	0.000383
2096 Feb	99.4	0.106	0.284	0.00292	24.1	0.0418	23.3	0.00125	0.000924	0.00000487	0.00603	0.00206	0.0323	0.0208	0.00000536	20.8	0.0000169	0.000384
2096 Mar	99.5	0.107	0.284	0.00292	24.1	0.0418	23.4	0.00125	0.000925	0.00000487	0.00603	0.00206	0.0324	0.0209	0.00000536	20.8	0.0000169	0.000384
2096 Apr	100	0.107	0.286	0.00294	24.2	0.042	23.5	0.00126	0.00093	0.0000049	0.00606	0.00207	0.0325	0.021	0.00000539	20.9	0.000017	0.000386
2096 May	101	0.108	0.286	0.00295	24.4	0.0421	23.6	0.00127	0.000935	0.00000493	0.00609	0.00209	0.0326	0.0213	0.00000542	21.2	0.0000172	0.00039
2096 Jun	92.5	0.0956	0.273	0.00276	22	0.0374	22.8	0.00115	0.00082	0.00000434	0.00531	0.00193	0.0311	0.0182	0.00000483	18.6	0.0000157	0.000356
2096 Jul	95.5	0.0978	0.286	0.00289	22.7	0.0387	23.9	0.00119	0.000837	0.00000445	0.00542	0.002	0.0327	0.0182	0.00000497	18.8	0.0000161	0.000366
2096 Aug	100	0.103	0.299	0.00303	23.8	0.0407	25.1	0.00125	0.000882	0.00000468	0.0057	0.0021	0.0343	0.0191	0.00000523	19.7	0.0000169	0.000384
2096 Sep	98.7	0.102	0.292	0.00297	23.5	0.0406	24.6	0.00124	0.000881	0.00000467	0.00573	0.00207	0.0337	0.019	0.0000052	19.6	0.0000167	0.000379
2096 Oct	94.5	0.0999	0.275	0.00283	22.5	0.0397	23.3	0.0012	0.00086	0.00000455	0.00566	0.00198	0.032	0.0184	0.00000505	18.9	0.0000162	0.000362
2096 Nov	94.1	0.0999	0.273	0.00282	22.4	0.0397	23.2	0.0012	0.000858	0.00000454	0.00565	0.00198	0.0319	0.0183	0.00000504	18.8	0.0000162	0.000361
2096 Dec	94.1	0.0999	0.273	0.00282	22.4	0.0397	23.2	0.0012	0.000858	0.00000454	0.00566	0.00198	0.0319	0.0183	0.00000504	18.8	0.0000162	0.000361
2097 Jan	94.1	0.0999	0.273	0.00282	22.4	0.0397	23.2	0.0012	0.000858	0.00000454	0.00566	0.00198	0.0319	0.0183	0.00000504	18.8	0.0000162	0.000361
2097 Feb	94.1	0.0999	0.273	0.00282	22.4	0.0397	23.2	0.0012	0.000858	0.00000454	0.00566	0.00198	0.0319	0.0183	0.00000504	18.8	0.0000162	0.000361
2097 Mar	94.2	0.1	0.274	0.00282	22.4	0.0398	23.2	0.0012	0.000859	0.00000455	0.00566	0.00198	0.032	0.0183	0.00000504	18.8	0.0000162	0.000361
2097 Apr	94.7	0.101	0.275	0.00284	22.5	0.04	23.4	0.00121	0.000864	0.00000457	0.0057	0.00199	0.0322	0.0184	0.00000507	18.9	0.0000163	0.000363
2097 May	96.2	0.102	0.277	0.00286	22.9	0.0404	23.6	0.00122	0.000879	0.00000465	0.00579	0.00202	0.0324	0.019	0.00000515	19.4	0.0000166	0.00037
2097 Jun	95	0.0988	0.271	0.0028	22.4	0.0388	23.3	0.0012	0.000853	0.00000451	0.00559	0.002	0.0317	0.019	0.00000501	19.4	0.0000164	0.000367
2097 Jul	99.9	0.104	0.285	0.00295	23.6	0.0409	24.5	0.00126	0.000902	0.00000477	0.00591	0.00211	0.0334	0.02	0.00000529	20.4	0.0000173	0.000386
2097 Aug	103	0.107	0.293	0.00303	24.3	0.0424	25.2	0.00131	0.000934	0.00000494	0.00611	0.00217	0.0344	0.0207	0.00000548	21	0.0000178	0.000397
2097 Sep	104	0.108	0.295	0.00307	24.6	0.0431	25.4	0.00133	0.000951	0.00000502	0.00622	0.0022	0.0348	0.021	0.00000557	21.3	0.000018	0.000403
2097 Oct	103	0.108	0.29	0.00303	24.4	0.0429	25.1	0.00132	0.000947	0.000005	0.00622	0.00218	0.0344	0.0208	0.00000553	21.2	0.0000179	0.000398
2097 Nov	102	0.107	0.287	0.003	24.2	0.0428	24.8	0.00131	0.000943	0.00000498	0.00621	0.00216	0.0341	0.0207	0.00000551	21	0.0000178	0.000395
2097 Dec	102	0.107	0.287	0.003	24.2	0.0428	24.8	0.00131	0.000943	0.00000498	0.00621	0.00216	0.0341	0.0207	0.00000551	21	0.0000178	0.000395
2098 Jan	102	0.107	0.287	0.003	24.2	0.0428	24.8	0.00131	0.000944	0.00000498	0.00621	0.00216	0.0341	0.0207	0.00000551	21	0.0000178	0.000395
2098 Feb	102	0.107	0.287	0.003	24.2	0.0428	24.8	0.00131	0.000944	0.00000498	0.00621	0.00216	0.0341	0.0207	0.00000551	21	0.0000178	0.000395
2098 Mar	102	0.107	0.288	0.00301	24.2	0.0428	24.9	0.00131	0.000944	0.00000498	0.00622	0.00216	0.0341	0.0207	0.00000551	21	0.0000178	0.000396
2098 Apr	103	0.108	0.288	0.00301	24.3	0.0429	24.9	0.00131	0.000948	0.000005	0.00624	0.00217	0.0342	0.0209	0.00000553	21.2	0.0000179	0.000397
2098 May	103	0.107	0.28	0.00295	24.3	0.0421	24.4	0.0013	0.000947	0.00000499	0.00623	0.00217	0.0334	0.0217	0.00000551	21.7	0.000018	0.0004
2098 Jun	94.9	0.0958	0.262	0.00272	22.2	0.0373	23.3	0.00118	0.000828	0.00000439	0.0054	0.00201	0.0312	0.0195	0.00000488	19.7	0.0000162	0.00037
2098 Jul	100	0.101	0.277	0.00288	23.4	0.0395	24.8	0.00124	0.000871	0.00000462	0.00568	0.00212	0.0332	0.0203	0.00000515	20.6	0.000017	0.00039
2098 Aug	101	0.102	0.278	0.0029	23.6	0.0403	24.8	0.00126	0.000891	0.00000472	0.00579	0.00214	0.0335	0.0206	0.00000525	20.9	0.0000171	0.000394
2098 Sep	96.8	0.0987	0.263	0.00278	22.7	0.0394	23.7	0.00122	0.000868	0.00000459	0.00567	0.00206	0.0321	0.0198	0.00000509	20.1	0.0000165	0.000377
2098 Oct	93.5	0.0972	0.259	0.00271	21.8	0.0387	23.4	0.00118	0.000826	0.00000438	0.00543	0.002	0.0316	0.0184	0.00000488	19	0.0000156	0.00036
2098 Nov	93	0.097	0.259	0.00271	21.7	0.0386	23.6	0.00117	0.000813	0.00000432	0.00535	0.00199	0.0317	0.018	0.00000482	18.7	0.0000154	0.000357
2098 Dec	93.1	0.0971	0.259	0.00271	21.7	0.0386	23.6	0.00117	0.000813	0.00000432	0.00535	0.00199	0.0317	0.018	0.00000483	18.7	0.0000154	0.000357
2099 Jan	93.1	0.0971	0.259	0.00271	21.7	0.0386	23.6	0.00117	0.000813	0.00000432	0.00535	0.00199	0.0317	0.018	0.00000483	18.7	0.0000154	0.000357
2099 Feb	93.1	0.0971	0.259	0.00271	21.7	0.0386	23.6	0.00117	0.000814	0.00000432	0.00536	0.00199	0.0317	0.018	0.00000483	18.7	0.0000154	0.000358
2099 Mar	93.3	0.0973	0.26	0.00272	21.8	0.0387	23.6	0.00118	0.000815	0.00000433	0.00537	0.00199	0.0318	0.0181	0.00000484	18.7	0.0000155	0.000358
2099 Apr	94.1	0.0982	0.262	0.00274	22	0.039	23.8	0.00119	0.000822	0.00000437	0.00541	0.00201	0.032	0.0183	0.00000488	19	0.0000156	0.000362
2099 May	94.7	0.0964	0.253	0.00265	22.1	0.0373	23.6	0.00116	0.000799	0.00000425	0.00522	0.00201	0.0312	0.0194	0.00000475	19.7	0.0000154	0.000369
2099 Jun	94.4	0.0942	0.253	0.00265	21.9	0.0365	24	0.00114	0.00077	0.00000411	0.00502	0.00201	0.0315	0.0188	0.00000463	19.3	0.0000152	0.000368
2099 Jul	99	0.0985	0.265	0.00278	23	0.0385	25.2	0.0012	0.000814	0.00000434	0.0053	0.00211	0.0331	0.0197	0.00000488	20.2	0.000016	0.000386
2099 Aug	103	0.103	0.275	0.0029	24	0.0404	26.2	0.00126	0.000856	0.00000456	0.00556	0.0022	0.0345	0.0207	0.00000512	21.1	0.0000166	0.000403
2099 Sep	101	0.101	0.266	0.00282	23.5	0.0401	25.3	0.00124	0.00085	0.00000452	0.00554	0.00215	0.0336	0.0203	0.00000506	20.8	0.0000163	0.000393
2099 Oct	97.9	0.0995	0.256	0.00273	22.8	0.0395	24.5	0.00121	0.000836	0.00000444	0.00549	0.00209	0.0326	0.0198	0.00000496	20.2	0.0000159	0.000382
2099 Nov	96.4	0.0986	0.254	0.0027	22.4	0.0391	24.3	0.00119	0.00082	0.00000436	0.0054	0.00206	0.0323	0.0193	0.00000488	19.8	0.0000156	0.000374
2099 Dec	96.4	0.0987	0.254	0.0027	22.4	0.0391	24.3	0.00119	0.00082	0.00000436	0.0054	0.00206	0.0323	0.0193	0.00000488	19.8	0.0000156	0.000375
2100 Jan	96.4	0.0987	0.254	0.0027	22.4	0.0391	24.3	0.00119	0.000821	0.00000437	0.0054	0.00206	0.0323	0.0193	0.00000488	19.8	0.0000156	0.000375
2100 Feb	96.4	0.0987	0.254	0.0027	22.4	0.0391	24.3	0.00119	0.000821	0.00000437	0.0054	0.00206	0.0323	0.0193	0.00000488	19.8	0.0000156	0.000375
2100 Mar	96.5	0.0987	0.254	0.0027	22.4	0.0391	24.3	0.00119	0.000821	0.00000437	0.0054	0.00206	0.0323	0.0193	0.00000489	19.8	0.0000156	0.000375
2100 Apr	97.1	0.0994	0.256	0.00272	22.6	0.0394	24.5	0.0012	0.000826	0.0000044	0.00544	0.00208	0.0325	0.0194	0.00000492	19.9	0.0000157	0.000377
2100 May	97.7	0.0991	0.252	0.0027	22.7	0.039	24.3	0.0012	0.000831	0.00000442	0.00547	0.00209	0.0322	0.0201	0.00000493	20.4	0.000016	0.000382
2100 Jun	93.4	0.0915	0.244	0.00259	21.4	0.0361	24.2	0.00113	0.000755	0.00000404	0.00494	0.00201	0.0315	0.0183	0.00000456	18.9	0.000015	0.000365
2100 Jul	95	0.0924	0.25	0.00265	21.7	0.0369	24.8	0.00116	0.000769	0.00000412	0.00504	0.00204	0.0324	0.0183	0.00000465	19	0.0000153	0.000371
2100 Aug	94	0.0914	0.246	0.00263	21.5	0.0371	24.5	0.00116	0.000773	0.00000413	0.00503	0.00203	0.0321	0.0181	0.00000466	18.9	0.0000151	0.000367
2100 Sep	93.8	0.0914	0.246	0.00263	21.4	0.0374	24.5	0.00116	0.000773	0.00000414	0.00502	0.00203	0.0322	0.0179	0.00000467	18.8	0.0000149	0.000365
2100 Oct	93.8	0.0919	0.246	0.00264	21.4	0.0376	24.6	0.00116	0.000774	0.00000414	0.00504	0.00203	0.0323	0.0178	0.00000467	18.7	0.0000149	0.000364
2100 Nov	94	0.0921	0.247	0.00264	21.4	0.0377	24.7	0.00117	0.000775	0.00000415	0.00504	0.00204	0.0324	0.0178	0.00000468	18.8	0.0000149	0.000365
2100 Dec	94.1	0.0922	0.247	0.00264	21.5	0.0377	24.7	0.00117	0.000776	0.00000415	0.00505	0.00204	0.0324	0.0179	0.00000468	18.8	0.0000149	0.000365

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2101 Jan	94.1	0.0922	0.247	0.00265	21.5	0.0377	24.7	0.00117	0.000776	0.00000415	0.00505	0.00204	0.0324	0.0179	0.00000468	18.8	0.0000149	0.000365
2101 Feb	94.1	0.0923	0.247	0.00265	21.5	0.0377	24.7	0.00117	0.000776	0.00000415	0.00505	0.00204	0.0324	0.0179	0.00000468	18.8	0.0000149	0.000365
2101 Mar	94.1	0.0923	0.247	0.00265	21.5	0.0377	24.7	0.00117	0.000776	0.00000415	0.00505	0.00204	0.0324	0.0179	0.00000468	18.8	0.0000149	0.000365
2101 Apr	94.5	0.0927	0.248	0.00266	21.6	0.0379	24.8	0.00117	0.000779	0.00000417	0.00507	0.00205	0.0326	0.0179	0.0000047	18.9	0.000015	0.000367
2101 May	95.3	0.0927	0.245	0.00264	21.7	0.0376	24.7	0.00118	0.000785	0.00000419	0.00511	0.00206	0.0323	0.0186	0.00000472	19.4	0.0000152	0.000372
2101 Jun	94.2	0.0897	0.242	0.00259	21.3	0.0363	24.8	0.00115	0.000751	0.00000403	0.00489	0.00204	0.0322	0.0181	0.00000456	18.9	0.0000149	0.000369
2101 Jul	99.5	0.0945	0.256	0.00275	22.5	0.0384	26.3	0.00121	0.000792	0.00000425	0.00516	0.00216	0.0342	0.0189	0.00000482	19.9	0.0000158	0.00039
2101 Aug	104	0.0989	0.267	0.00287	23.6	0.0403	27.5	0.00127	0.000833	0.00000447	0.00542	0.00226	0.0358	0.0198	0.00000506	20.8	0.0000165	0.000408
2101 Sep	102	0.0977	0.259	0.00281	23.1	0.0402	26.8	0.00126	0.000832	0.00000445	0.00542	0.00222	0.0349	0.0196	0.00000503	20.5	0.0000162	0.0004
2101 Oct	101	0.0976	0.255	0.00278	23	0.0401	26.5	0.00125	0.000831	0.00000445	0.00544	0.0022	0.0346	0.0195	0.00000501	20.4	0.0000162	0.000397
2101 Nov	98.9	0.0963	0.247	0.00271	22.4	0.0396	25.7	0.00123	0.000821	0.00000439	0.0054	0.00215	0.0337	0.0192	0.00000494	20	0.0000159	0.000387
2101 Dec	98.8	0.0963	0.247	0.00271	22.4	0.0396	25.7	0.00123	0.000821	0.00000439	0.00541	0.00215	0.0337	0.0192	0.00000493	20	0.0000159	0.000387
2102 Jan	98.8	0.0963	0.247	0.00271	22.4	0.0396	25.7	0.00123	0.000821	0.00000439	0.00541	0.00215	0.0337	0.0192	0.00000493	20	0.0000159	0.000387
2102 Feb	98.8	0.0963	0.247	0.00271	22.4	0.0396	25.7	0.00123	0.000821	0.00000439	0.00541	0.00215	0.0337	0.0192	0.00000494	20	0.0000159	0.000387
2102 Mar	98.9	0.0964	0.247	0.00271	22.4	0.0396	25.7	0.00123	0.000822	0.00000439	0.00541	0.00215	0.0337	0.0192	0.00000494	20	0.0000159	0.000387
2102 Apr	99.2	0.0967	0.248	0.00272	22.5	0.0397	25.8	0.00123	0.000824	0.0000044	0.00543	0.00215	0.0338	0.0193	0.00000495	20.1	0.000016	0.000389
2102 May	101	0.0981	0.252	0.00276	22.8	0.0403	26.2	0.00125	0.000836	0.00000447	0.00551	0.00219	0.0343	0.0195	0.00000503	20.4	0.0000162	0.000394
2102 Jun	93.5	0.0889	0.237	0.00261	20.9	0.0376	24.8	0.00119	0.000792	0.00000423	0.00525	0.00205	0.0327	0.0174	0.00000477	18.5	0.0000158	0.000367
2102 Jul	93.6	0.0874	0.241	0.00265	20.7	0.0376	25.4	0.0012	0.000784	0.0000042	0.0052	0.00206	0.0335	0.0165	0.00000476	17.9	0.0000159	0.000365
2102 Aug	95.9	0.0895	0.246	0.00271	21.2	0.0389	26	0.00124	0.000811	0.00000435	0.00537	0.00212	0.0343	0.017	0.00000491	18.4	0.0000162	0.000374
2102 Sep	96	0.0901	0.244	0.00271	21.3	0.0393	25.9	0.00125	0.000821	0.00000439	0.00544	0.00212	0.0342	0.0171	0.00000496	18.5	0.0000163	0.000375
2102 Oct	92.4	0.0883	0.232	0.0026	20.5	0.0384	24.7	0.00121	0.000802	0.00000429	0.00536	0.00204	0.0328	0.0166	0.00000482	18	0.0000158	0.000361
2102 Nov	92.6	0.0885	0.233	0.00261	20.5	0.0384	24.8	0.00121	0.000804	0.0000043	0.00538	0.00205	0.0329	0.0167	0.00000483	18	0.0000158	0.000361
2102 Dec	92.6	0.0886	0.233	0.00261	20.5	0.0385	24.8	0.00121	0.000805	0.0000043	0.00538	0.00205	0.0329	0.0167	0.00000483	18	0.0000158	0.000362
2103 Jan	92.6	0.0886	0.233	0.00261	20.5	0.0385	24.8	0.00121	0.000805	0.0000043	0.00538	0.00205	0.0329	0.0167	0.00000484	18	0.0000158	0.000362
2103 Feb	92.7	0.0886	0.233	0.00261	20.6	0.0385	24.8	0.00121	0.000805	0.0000043	0.00538	0.00205	0.0329	0.0167	0.00000484	18	0.0000158	0.000362
2103 Mar	92.7	0.0887	0.233	0.00261	20.6	0.0385	24.8	0.00121	0.000806	0.0000043	0.00539	0.00205	0.0329	0.0167	0.00000484	18	0.0000158	0.000362
2103 Apr	93.1	0.0891	0.234	0.00262	20.7	0.0387	24.9	0.00122	0.000809	0.00000432	0.00541	0.00206	0.0331	0.0168	0.00000486	18.1	0.0000159	0.000364
2103 May	94.3	0.0898	0.234	0.00262	20.9	0.0386	25	0.00122	0.000816	0.00000435	0.00544	0.00208	0.033	0.0175	0.00000489	18.7	0.0000161	0.00037
2103 Jun	92	0.0854	0.227	0.00253	20.2	0.0361	24.9	0.00117	0.000751	0.00000403	0.00499	0.00204	0.0323	0.0169	0.00000457	18.1	0.0000153	0.000361
2103 Jul	94.1	0.0865	0.233	0.0026	20.6	0.0372	25.8	0.0012	0.000767	0.00000412	0.00507	0.00209	0.0334	0.0169	0.00000468	18.3	0.0000156	0.000368
2103 Aug	93.4	0.0853	0.231	0.00259	20.4	0.0377	25.6	0.00121	0.000777	0.00000417	0.00508	0.00209	0.0331	0.0168	0.00000473	18.2	0.0000153	0.000364
2103 Sep	92	0.0855	0.227	0.00255	20.1	0.0376	25.3	0.00119	0.000765	0.0000041	0.00503	0.00207	0.0328	0.0164	0.00000466	17.8	0.000015	0.000357
2103 Oct	90.3	0.0859	0.224	0.00251	19.7	0.0374	25.3	0.00116	0.000734	0.00000395	0.00489	0.00203	0.0327	0.0155	0.00000451	17.2	0.0000144	0.000348
2103 Nov	90.2	0.0861	0.223	0.0025	19.7	0.0374	25.4	0.00116	0.000728	0.00000393	0.00486	0.00203	0.0327	0.0154	0.00000448	17.1	0.0000143	0.000347
2103 Dec	90.2	0.0862	0.224	0.0025	19.7	0.0374	25.4	0.00116	0.000728	0.00000393	0.00486	0.00203	0.0327	0.0154	0.00000448	17.1	0.0000143	0.000347
2104 Jan	90.2	0.0862	0.224	0.0025	19.7	0.0374	25.4	0.00116	0.000729	0.00000393	0.00486	0.00203	0.0327	0.0154	0.00000448	17.1	0.0000143	0.000347
2104 Feb	90.2	0.0862	0.224	0.00251	19.7	0.0374	25.4	0.00116	0.000729	0.00000393	0.00486	0.00203	0.0327	0.0154	0.00000448	17.1	0.0000143	0.000347
2104 Mar	90.3	0.0863	0.224	0.00251	19.7	0.0375	25.5	0.00116	0.000729	0.00000393	0.00487	0.00203	0.0328	0.0154	0.00000449	17.1	0.0000143	0.000347
2104 Apr	90.9	0.0868	0.225	0.00252	19.8	0.0377	25.6	0.00117	0.000734	0.00000396	0.0049	0.00205	0.033	0.0155	0.00000452	17.2	0.0000144	0.00035
2104 May	92.3	0.0873	0.223	0.00251	20.1	0.0374	25.5	0.00118	0.000745	0.00000401	0.00496	0.00207	0.0327	0.0165	0.00000456	18	0.0000147	0.000358
2104 Jun	91.4	0.0837	0.218	0.00245	19.8	0.0357	25.7	0.00114	0.000702	0.0000038	0.00467	0.00205	0.0325	0.0162	0.00000436	17.7	0.0000144	0.000357
2104 Jul	94.3	0.0859	0.224	0.00253	20.4	0.037	26.6	0.00118	0.000729	0.00000395	0.00485	0.00212	0.0336	0.0166	0.00000452	18.2	0.0000149	0.000369
2104 Aug	95.8	0.0872	0.226	0.00257	20.7	0.038	26.9	0.00121	0.000751	0.00000406	0.00497	0.00216	0.0341	0.017	0.00000464	18.6	0.0000151	0.000374
2104 Sep	93.9	0.0861	0.22	0.00251	20.3	0.0378	26.2	0.00119	0.000748	0.00000403	0.00495	0.00212	0.0334	0.0167	0.0000046	18.3	0.0000148	0.000367
2104 Oct	92.3	0.0862	0.217	0.00248	19.9	0.0376	26	0.00118	0.000733	0.00000395	0.00489	0.00209	0.0331	0.0162	0.00000452	17.9	0.0000145	0.000358
2104 Nov	92.1	0.0865	0.217	0.00248	19.9	0.0376	26	0.00118	0.000729	0.00000393	0.00487	0.00209	0.0331	0.016	0.0000045	17.8	0.0000144	0.000357
2104 Dec	92.2	0.0865	0.218	0.00248	19.9	0.0376	26.1	0.00118	0.000729	0.00000394	0.00487	0.00209	0.0331	0.016	0.0000045	17.8	0.0000144	0.000357
2105 Jan	92.2	0.0865	0.218	0.00248	19.9	0.0376	26.1	0.00118	0.000729	0.00000394	0.00487	0.00209	0.0331	0.016	0.0000045	17.8	0.0000144	0.000357
2105 Feb	92.2	0.0865	0.218	0.00248	19.9	0.0376	26.1	0.00118	0.000729	0.00000394	0.00488	0.00209	0.0331	0.0161	0.0000045	17.8	0.0000144	0.000357
2105 Mar	92.2	0.0866	0.218	0.00248	19.9	0.0376	26.1	0.00118	0.00073	0.00000394	0.00488	0.00209	0.0331	0.0161	0.00000451	17.8	0.0000144	0.000357
2105 Apr	92.6	0.0869	0.218	0.00249	20	0.0378	26.2	0.00118	0.000732	0.00000395	0.00489	0.0021	0.0332	0.0161	0.00000452	17.9	0.0000145	0.000359
2105 May	93.6	0.0871	0.216	0.00248	20.2	0.0375	26.1	0.00119	0.000739	0.00000399	0.00493	0.00212	0.033	0.0169	0.00000455	18.4	0.0000147	0.000365
2105 Jun	95	0.087	0.216	0.00248	20.4	0.0371	26.5	0.00119	0.000736	0.00000397	0.00491	0.00215	0.0332	0.0174	0.00000454	18.9	0.0000149	0.000373
2105 Jul	98.1	0.0896	0.223	0.00256	21.1	0.0386	27.3	0.00124	0.000768	0.00000414	0.00511	0.00222	0.0343	0.0181	0.00000473	19.5	0.0000154	0.000385
2105 Aug	95.6	0.0871	0.216	0.00251	20.5	0.0384	26.6	0.00122	0.000762	0.00000411	0.00502	0.00218	0.0335	0.0176	0.00000468	19.1	0.0000149	0.000374
2105 Sep	93.5	0.086	0.213	0.00247	20	0.0382	26.6	0.0012	0.000733	0.00000396	0.00483	0.00214	0.0334	0.0165	0.00000454	18.3	0.0000141	0.000363
2105 Oct	92.6	0.0861	0.212	0.00245	19.7	0.038	26.7	0.00118	0.000713	0.00000387	0.00475	0.00212	0.0335	0.0158	0.00000444	17.8	0.0000138	0.000358
2105 Nov	92.3	0.0862	0.211	0.00244	19.6	0.038	26.7	0.00118	0.000706	0.00000383	0.00472	0.00212	0.0335	0.0156	0.00000441	17.6	0.0000137	0.000356
2105 Dec	92.3	0.0862	0.211	0.00244	19.6	0.038	26.7	0.00118	0.000706	0.00000383	0.00472	0.00212	0.0335	0.0156	0.00000441	17.6	0.0000138	0.000356
2106 Jan	92.3	0.0862	0.211	0.00244	19.6	0.038	26.7	0.00118	0.000706	0.00000383	0.00472	0.00212	0.0335	0.0156	0.00000441	17.6	0.0000138	0.000356
2106 Feb	92.3	0.0862	0.211	0.00244	19.6	0.038	26.7	0.00118	0.000707	0.00000383	0.00472	0.00212	0.0335	0.0156	0.00000441	17.6	0.0000138	0.000356
2106 Mar	92.3	0.0862	0.212	0.00244	19.6	0.038	26.7	0.00118	0.000707	0.00000383	0.00473	0.00212	0.0335	0.0156	0.00000442	17.6	0.0000138	0.000356
2106 Apr	92.8	0.0867	0.213	0.00246	19.7	0.0382	26.9	0.00118	0.00071	0.00000385	0.00475	0.00213	0.0337	0.0157	0.00000444	17.7	0.0000138	0.000358
2106 May	94.1	0.0877	0.214	0.00248	20	0.0385	27.1	0.0012	0.000723	0.00000392	0.00484	0.00216	0.0339	0.0162	0.00000451	18.2	0.0000141	0.000364
2106 Jun	92.6	0.083	0.206	0.0024	19.5	0.0365	26.8	0.00117	0.000697	0.00000378	0.00467	0.00213	0.0333	0.0159	0.00000437	17.9	0.0000142	0.000362
2106 Jul	96.3	0.0852	0.215	0.00251	20.2	0.0381	28.1	0.00122	0.000726	0.00000395	0.00486	0.00222	0.0349	0.0162	0.00000456	18.4	0.0000148	0.000376

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Aug	95.3	0.0841	0.211	0.00249	20	0.0385	27.6	0.00123	0.000739	0.00000401	0.0049	0.0022	0.0345	0.0163	0.0000046	18.3	0.0000146	0.000372
2106 Sep	93.4	0.0834	0.207	0.00244	19.5	0.0383	27.2	0.00121	0.000727	0.00000394	0.00482	0.00217	0.034	0.0158	0.00000453	17.9	0.0000142	0.000363
2106 Oct	93	0.0839	0.206	0.00244	19.4	0.0383	27.2	0.00121	0.000721	0.00000391	0.00481	0.00217	0.034	0.0156	0.0000045	17.8	0.0000141	0.00036
2106 Nov	93.3	0.0842	0.207	0.00244	19.4	0.0384	27.3	0.00121	0.000723	0.00000392	0.00482	0.00217	0.0341	0.0156	0.00000452	17.8	0.0000141	0.000361
2106 Dec	93.3	0.0842	0.207	0.00245	19.4	0.0384	27.3	0.00121	0.000723	0.00000392	0.00482	0.00217	0.0341	0.0156	0.00000452	17.8	0.0000141	0.000361
2107 Jan	93.3	0.0842	0.207	0.00245	19.4	0.0384	27.3	0.00121	0.000723	0.00000392	0.00482	0.00217	0.0341	0.0156	0.00000452	17.8	0.0000141	0.000361
2107 Feb	93.3	0.0843	0.207	0.00245	19.5	0.0385	27.3	0.00121	0.000724	0.00000392	0.00482	0.00217	0.0341	0.0156	0.00000452	17.8	0.0000141	0.000361
2107 Mar	93.4	0.0843	0.207	0.00245	19.5	0.0385	27.4	0.00122	0.000724	0.00000393	0.00483	0.00218	0.0341	0.0157	0.00000452	17.8	0.0000141	0.000362
2107 Apr	93.7	0.0845	0.208	0.00245	19.5	0.0386	27.4	0.00122	0.000726	0.00000394	0.00484	0.00218	0.0342	0.0157	0.00000453	17.9	0.0000142	0.000363
2107 May	94.3	0.0848	0.207	0.00245	19.7	0.0384	27.4	0.00122	0.000729	0.00000395	0.00486	0.00219	0.0341	0.0161	0.00000455	18.2	0.0000143	0.000366
2107 Jun	95.2	0.0839	0.204	0.00242	19.8	0.0375	27.5	0.00121	0.000722	0.00000392	0.00482	0.00221	0.0339	0.0168	0.00000451	18.7	0.0000146	0.000374
2107 Jul	96.5	0.0846	0.205	0.00246	20.1	0.0384	27.7	0.00124	0.000746	0.00000404	0.00496	0.00224	0.0343	0.0172	0.00000464	19	0.0000149	0.000378
2107 Aug	99.6	0.0872	0.211	0.00254	20.7	0.0399	28.5	0.00129	0.000777	0.0000042	0.00515	0.00232	0.0354	0.0178	0.00000482	19.7	0.0000153	0.000391
2107 Sep	99.6	0.0881	0.209	0.00253	20.8	0.0402	28.4	0.00129	0.000786	0.00000425	0.00523	0.00232	0.0352	0.0179	0.00000486	19.8	0.0000154	0.00039
2107 Oct	98.1	0.0878	0.205	0.00249	20.5	0.04	27.9	0.00128	0.000781	0.00000421	0.00523	0.00228	0.0347	0.0177	0.00000481	19.5	0.0000153	0.000384
2107 Nov	97.7	0.0878	0.204	0.00248	20.4	0.0399	27.8	0.00127	0.000778	0.0000042	0.00522	0.00227	0.0345	0.0176	0.00000479	19.5	0.0000152	0.000382
2107 Dec	97.7	0.0878	0.204	0.00248	20.4	0.0399	27.8	0.00127	0.000779	0.0000042	0.00522	0.00227	0.0345	0.0176	0.0000048	19.5	0.0000152	0.000382
2108 Jan	97.7	0.0878	0.204	0.00248	20.4	0.0399	27.8	0.00127	0.000779	0.0000042	0.00522	0.00227	0.0345	0.0176	0.0000048	19.5	0.0000152	0.000382
2108 Feb	97.7	0.0878	0.204	0.00248	20.4	0.0399	27.8	0.00127	0.000779	0.0000042	0.00522	0.00228	0.0346	0.0176	0.0000048	19.5	0.0000152	0.000383
2108 Mar	97.8	0.0879	0.205	0.00248	20.4	0.04	27.8	0.00128	0.00078	0.00000421	0.00523	0.00228	0.0346	0.0176	0.0000048	19.5	0.0000152	0.000383
2108 Apr	98.7	0.0887	0.206	0.00251	20.6	0.0403	28.1	0.00129	0.000787	0.00000425	0.00527	0.0023	0.0349	0.0178	0.00000485	19.7	0.0000154	0.000386
2108 May	101	0.0905	0.21	0.00255	21	0.0411	28.6	0.00131	0.000803	0.00000433	0.00538	0.00234	0.0356	0.0182	0.00000494	20.1	0.0000157	0.000394
2108 Jun	97	0.0857	0.2	0.00246	20.1	0.0392	27.3	0.00128	0.000792	0.00000426	0.00533	0.00227	0.0341	0.0178	0.00000485	19.5	0.0000158	0.000382
2108 Jul	101	0.0892	0.209	0.00258	20.9	0.041	28.6	0.00135	0.000833	0.00000448	0.00562	0.00237	0.0357	0.0185	0.00000509	20.3	0.0000167	0.0004
2108 Aug	107	0.0938	0.22	0.00271	22	0.0433	30.1	0.00142	0.00088	0.00000473	0.00593	0.0025	0.0376	0.0195	0.00000537	21.4	0.0000175	0.000421
2108 Sep	107	0.0944	0.219	0.00271	22.1	0.0437	30	0.00143	0.000888	0.00000477	0.00599	0.0025	0.0376	0.0196	0.00000541	21.5	0.0000176	0.000421
2108 Oct	101	0.0916	0.203	0.00255	20.9	0.0421	28	0.00136	0.000859	0.0000046	0.00586	0.00236	0.0352	0.0188	0.00000519	20.5	0.0000168	0.000398
2108 Nov	100	0.0914	0.201	0.00253	20.8	0.042	27.7	0.00135	0.000857	0.00000459	0.00586	0.00234	0.035	0.0187	0.00000518	20.4	0.0000168	0.000395
2108 Dec	100	0.0915	0.201	0.00253	20.8	0.042	27.8	0.00135	0.000858	0.00000459	0.00586	0.00234	0.035	0.0187	0.00000518	20.4	0.0000168	0.000395
2109 Jan	100	0.0915	0.201	0.00253	20.8	0.042	27.8	0.00135	0.000858	0.00000459	0.00586	0.00234	0.035	0.0187	0.00000518	20.4	0.0000168	0.000395
2109 Feb	100	0.0915	0.201	0.00253	20.8	0.042	27.8	0.00135	0.000858	0.00000459	0.00586	0.00234	0.035	0.0187	0.00000518	20.4	0.0000168	0.000395
2109 Mar	100	0.0916	0.201	0.00253	20.8	0.0421	27.8	0.00135	0.000859	0.0000046	0.00587	0.00235	0.035	0.0187	0.00000519	20.4	0.0000168	0.000396
2109 Apr	101	0.0922	0.203	0.00255	21	0.0423	28	0.00136	0.000864	0.00000463	0.00591	0.00236	0.0352	0.0189	0.00000522	20.6	0.0000169	0.000398
2109 May	102	0.0922	0.201	0.00254	21.1	0.0419	27.9	0.00136	0.000865	0.00000463	0.0059	0.00237	0.035	0.0194	0.00000522	21	0.000017	0.000402
2109 Jun	102	0.0914	0.201	0.00252	21.1	0.0409	28	0.00135	0.000852	0.00000456	0.00579	0.00239	0.0348	0.0199	0.00000515	21.4	0.000017	0.000406
2109 Jul	104	0.0929	0.204	0.00257	21.5	0.0421	28.4	0.00139	0.000881	0.00000471	0.00596	0.00244	0.0354	0.0205	0.00000531	21.9	0.0000175	0.000414
2109 Aug	107	0.095	0.208	0.00264	22.1	0.0435	29.1	0.00143	0.000914	0.00000488	0.00616	0.00251	0.0363	0.0211	0.00000549	22.5	0.0000179	0.000424
2109 Sep	105	0.0942	0.203	0.00259	21.7	0.0432	28.5	0.00141	0.000905	0.00000483	0.00612	0.00246	0.0356	0.0207	0.00000543	22.1	0.0000176	0.000416
2109 Oct	101	0.0922	0.198	0.0025	20.7	0.0418	27.9	0.00136	0.000851	0.00000455	0.0058	0.00237	0.0346	0.0192	0.00000514	20.8	0.0000166	0.000395
2109 Nov	101	0.0924	0.198	0.0025	20.7	0.0418	28	0.00136	0.00085	0.00000455	0.00579	0.00238	0.0347	0.0191	0.00000514	20.8	0.0000166	0.000395
2109 Dec	101	0.0925	0.198	0.0025	20.7	0.0419	28	0.00136	0.00085	0.00000455	0.0058	0.00238	0.0347	0.0192	0.00000514	20.8	0.0000166	0.000395
2110 Jan	101	0.0925	0.198	0.0025	20.7	0.0419	28	0.00136	0.00085	0.00000455	0.0058	0.00238	0.0347	0.0192	0.00000514	20.8	0.0000166	0.000395
2110 Feb	101	0.0925	0.198	0.0025	20.7	0.0419	28	0.00136	0.000851	0.00000455	0.0058	0.00238	0.0348	0.0192	0.00000515	20.8	0.0000166	0.000395
2110 Mar	101	0.0926	0.199	0.00251	20.7	0.0419	28	0.00136	0.000851	0.00000455	0.00581	0.00238	0.0348	0.0192	0.00000515	20.9	0.0000166	0.000396
2110 Apr	101	0.0929	0.199	0.00252	20.8	0.0421	28.1	0.00136	0.000854	0.00000457	0.00583	0.00239	0.0349	0.0193	0.00000517	20.9	0.0000167	0.000397
2110 May	102	0.0937	0.2	0.00253	21	0.0423	28.3	0.00138	0.000862	0.00000461	0.00588	0.00241	0.0351	0.0196	0.00000521	21.2	0.0000168	0.000401
2110 Jun	98.7	0.0872	0.194	0.00242	20	0.0391	27.9	0.0013	0.000791	0.00000426	0.00538	0.00234	0.0341	0.0186	0.00000485	20.3	0.0000161	0.000389
2110 Jul	101	0.0887	0.198	0.00249	20.5	0.0402	28.6	0.00134	0.000816	0.00000439	0.00554	0.0024	0.035	0.0189	0.000005	20.7	0.0000165	0.000399
2110 Aug	97.4	0.0841	0.193	0.00242	19.6	0.0397	28.3	0.00131	0.000778	0.0000042	0.00519	0.00233	0.0345	0.0175	0.00000481	19.5	0.0000152	0.00038
2110 Sep	95.2	0.0833	0.19	0.00236	19.1	0.0391	28.3	0.00127	0.000735	0.00000399	0.00496	0.00228	0.0344	0.0162	0.0000046	18.6	0.0000144	0.000369
2110 Oct	93.7	0.0837	0.187	0.00233	18.7	0.0388	28.5	0.00124	0.000701	0.00000382	0.00481	0.00225	0.0344	0.0153	0.00000444	17.9	0.0000139	0.000362
2110 Nov	93.5	0.0836	0.187	0.00232	18.6	0.0387	28.5	0.00123	0.000694	0.00000379	0.00477	0.00225	0.0344	0.0151	0.00000441	17.8	0.0000138	0.00036
2110 Dec	93.5	0.0837	0.187	0.00232	18.6	0.0387	28.6	0.00123	0.000694	0.00000379	0.00478	0.00225	0.0344	0.0151	0.00000441	17.8	0.0000138	0.000361
2111 Jan	93.5	0.0837	0.187	0.00232	18.6	0.0387	28.6	0.00123	0.000694	0.00000379	0.00478	0.00225	0.0344	0.0151	0.00000441	17.8	0.0000138	0.000361
2111 Feb	93.5	0.0837	0.187	0.00232	18.6	0.0387	28.6	0.00123	0.000694	0.00000379	0.00478	0.00225	0.0345	0.0151	0.00000441	17.8	0.0000138	0.000361
2111 Mar	93.7	0.0838	0.187	0.00232	18.7	0.0388	28.6	0.00124	0.000695	0.0000038	0.00478	0.00225	0.0345	0.0151	0.00000442	17.8	0.0000139	0.000361
2111 Apr	94.3	0.0844	0.188	0.00234	18.8	0.0391	28.8	0.00124	0.0007	0.00000382	0.00482	0.00227	0.0347	0.0152	0.00000445	18	0.000014	0.000364
2111 May	95.7	0.0853	0.189	0.00235	19.1	0.0392	29	0.00126	0.000712	0.00000388	0.0049	0.0023	0.0349	0.0159	0.00000451	18.5	0.0000143	0.000371
2111 Jun	96.1	0.0827	0.183	0.0023	19.1	0.0376	28.7	0.00124	0.000701	0.00000383	0.00481	0.0023	0.0342	0.0167	0.00000444	19	0.0000145	0.000377
2111 Jul	101	0.0867	0.192	0.00242	20.1	0.0396	30.1	0.00131	0.000743	0.00000405	0.00509	0.00242	0.0359	0.0175	0.00000469	20	0.0000153	0.000396
2111 Aug	98.4	0.0842	0.186	0.00236	19.6	0.0394	29.2	0.00129	0.000744	0.00000404	0.00504	0.00236	0.035	0.0172	0.00000467	19.6	0.0000149	0.000385
2111 Sep	97.5	0.0838	0.184	0.00235	19.3	0.0396	29	0.00129	0.000741	0.00000403	0.00501	0.00235	0.0349	0.0169	0.00000465	19.4	0.0000146	0.000381
2111 Oct	95.8	0.0833	0.182	0.00231	18.9	0.039	28.9	0.00127	0.000715	0.0000039	0.00488	0.00232	0.0346	0.0162	0.00000452	18.8	0.0000142	0.000372
2111 Nov	95.1	0.0833	0.181	0.00229	18.7	0.0389	29	0.00126	0.000701	0.00000383	0.00482	0.0023	0.0346	0.0158	0.00000445	18.5	0.000014	0.000369
2111 Dec	95.1	0.0834	0.181	0.00229	18.7	0.0389	29	0.00126	0.000702	0.00000383	0.00482	0.0023	0.0346	0.0158	0.00000445	18.5	0.000014	0.000369
2112 Jan	95.1	0.0834	0.181	0.00229	18.7	0.0389	29	0.00126	0.000702	0.00000383	0.00482	0.0023	0.0346	0.0158	0.00000446	18.5	0.000014	0.000369
2112 Feb	95.1	0.0834	0.181	0.0023	18.7	0.0389	29	0.00126	0.000702	0.00000383	0.00482	0.0023	0.0346	0.0158	0.00000446	18.5	0.000014	0.000369

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2112 Mar	95.3	0.0836	0.181	0.0023	18.8	0.039	29.1	0.00126	0.000703	0.00000384	0.00483	0.00231	0.0347	0.0158	0.00000447	18.5	0.000014	0.00037
2112 Apr	95.9	0.0841	0.182	0.00231	18.9	0.0392	29.2	0.00127	0.000708	0.00000386	0.00486	0.00232	0.0349	0.0159	0.00000449	18.6	0.0000141	0.000372
2112 May	97.2	0.0846	0.182	0.00232	19.2	0.0391	29.3	0.00128	0.000717	0.00000391	0.00492	0.00235	0.0349	0.0166	0.00000454	19.2	0.0000144	0.000379
2112 Jun	95.1	0.0783	0.175	0.00222	18.5	0.0363	29.1	0.00123	0.000663	0.00000365	0.00456	0.0023	0.0342	0.016	0.00000427	18.6	0.0000141	0.000374
2112 Jul	97.2	0.0791	0.179	0.00228	18.8	0.0372	30	0.00126	0.000682	0.00000375	0.00469	0.00236	0.0352	0.016	0.00000439	18.8	0.0000146	0.000382
2112 Aug	99.9	0.0814	0.183	0.00235	19.3	0.0386	30.7	0.0013	0.000709	0.00000389	0.00486	0.00243	0.0362	0.0166	0.00000455	19.4	0.000015	0.000393
2112 Sep	98.8	0.0811	0.18	0.00232	19.2	0.0387	30.2	0.0013	0.000714	0.00000391	0.00489	0.0024	0.0357	0.0165	0.00000456	19.3	0.0000148	0.000389
2112 Oct	97.8	0.0811	0.178	0.0023	18.9	0.0385	29.9	0.00129	0.000709	0.00000388	0.00488	0.00238	0.0353	0.0164	0.00000452	19.1	0.0000147	0.000385
2112 Nov	97.9	0.0813	0.178	0.0023	18.9	0.0386	29.9	0.00129	0.000709	0.00000388	0.00488	0.00238	0.0354	0.0163	0.00000452	19.1	0.0000147	0.000385
2112 Dec	97.9	0.0814	0.178	0.0023	19	0.0386	30	0.00129	0.00071	0.00000389	0.00489	0.00238	0.0354	0.0163	0.00000453	19.1	0.0000147	0.000385
2113 Jan	98	0.0814	0.178	0.0023	19	0.0386	30	0.00129	0.00071	0.00000389	0.00489	0.00238	0.0354	0.0163	0.00000453	19.1	0.0000147	0.000385
2113 Feb	98	0.0814	0.178	0.0023	19	0.0386	30	0.00129	0.00071	0.00000389	0.00489	0.00238	0.0354	0.0164	0.00000453	19.1	0.0000147	0.000385
2113 Mar	98.3	0.0816	0.179	0.00231	19	0.0387	30.1	0.0013	0.000712	0.0000039	0.0049	0.00239	0.0355	0.0164	0.00000454	19.2	0.0000148	0.000386
2113 Apr	98.8	0.0821	0.18	0.00232	19.1	0.039	30.2	0.0013	0.000716	0.00000392	0.00493	0.00241	0.0357	0.0165	0.00000457	19.3	0.0000148	0.000388
2113 May	100	0.0829	0.179	0.00233	19.4	0.039	30.3	0.00131	0.000728	0.00000398	0.005	0.00243	0.0357	0.0171	0.00000462	19.8	0.0000151	0.000394
2113 Jun	99.2	0.0806	0.175	0.00227	19.1	0.0375	30	0.00129	0.000708	0.00000387	0.00486	0.00242	0.035	0.0173	0.00000451	19.9	0.0000151	0.000393
2113 Jul	102	0.0826	0.18	0.00235	19.7	0.039	30.8	0.00134	0.000739	0.00000404	0.00505	0.00249	0.0361	0.0179	0.00000469	20.5	0.0000155	0.000404
2113 Aug	104	0.0841	0.182	0.00239	20.1	0.0401	31.3	0.00137	0.000764	0.00000417	0.0052	0.00254	0.0367	0.0184	0.00000483	20.9	0.0000158	0.000412
2113 Sep	102	0.0836	0.178	0.00235	19.7	0.0399	30.6	0.00135	0.000761	0.00000414	0.00519	0.00249	0.036	0.0181	0.00000479	20.6	0.0000156	0.000404
2113 Oct	98	0.0823	0.172	0.00226	18.8	0.0389	29.9	0.00131	0.000718	0.00000392	0.00497	0.00241	0.035	0.0168	0.00000456	19.5	0.0000148	0.000384
2113 Nov	97.7	0.0825	0.171	0.00226	18.7	0.0389	30	0.0013	0.000712	0.00000389	0.00494	0.0024	0.0351	0.0165	0.00000453	19.3	0.0000146	0.000382
2113 Dec	97.8	0.0826	0.172	0.00226	18.7	0.0389	30	0.0013	0.000712	0.00000389	0.00495	0.00241	0.0351	0.0165	0.00000453	19.3	0.0000146	0.000382
2114 Jan	97.8	0.0826	0.172	0.00226	18.7	0.039	30	0.0013	0.000712	0.00000389	0.00495	0.00241	0.0351	0.0165	0.00000453	19.3	0.0000146	0.000382
2114 Feb	97.8	0.0826	0.172	0.00226	18.7	0.039	30	0.0013	0.000712	0.00000389	0.00495	0.00241	0.0351	0.0165	0.00000453	19.3	0.0000146	0.000382
2114 Mar	98	0.0827	0.172	0.00226	18.7	0.039	30.1	0.00131	0.000713	0.0000039	0.00496	0.00241	0.0352	0.0165	0.00000454	19.4	0.0000147	0.000383
2114 Apr	98.4	0.0831	0.173	0.00227	18.8	0.0392	30.2	0.00131	0.000716	0.00000392	0.00498	0.00242	0.0353	0.0166	0.00000456	19.4	0.0000147	0.000385
2114 May	99.1	0.0829	0.171	0.00226	19	0.0388	30.2	0.00131	0.000717	0.00000392	0.00497	0.00243	0.0352	0.0172	0.00000456	19.8	0.0000149	0.00039
2114 Jun	101	0.0834	0.172	0.00228	19.4	0.0387	30.7	0.00133	0.000726	0.00000397	0.00503	0.00249	0.0355	0.018	0.00000462	20.6	0.0000153	0.000402
2114 Jul	107	0.0879	0.181	0.00241	20.5	0.041	32.3	0.00141	0.000774	0.00000423	0.00535	0.00263	0.0375	0.0191	0.00000491	21.8	0.0000163	0.000425
2114 Aug	113	0.0927	0.191	0.00254	21.6	0.0434	34	0.00149	0.000819	0.00000447	0.00565	0.00277	0.0395	0.0202	0.00000519	23	0.0000172	0.000448
2114 Sep	110	0.0912	0.183	0.00246	21.1	0.0428	32.7	0.00145	0.000813	0.00000443	0.00563	0.00268	0.0382	0.0198	0.00000512	22.5	0.0000167	0.000434
2114 Oct	105	0.0896	0.174	0.00236	20.3	0.0418	31.2	0.0014	0.000797	0.00000433	0.00556	0.00258	0.0366	0.0192	0.00000498	21.7	0.0000163	0.000417
2114 Nov	103	0.0883	0.17	0.00231	19.7	0.0411	30.7	0.00137	0.000772	0.0000042	0.00542	0.00252	0.0358	0.0184	0.00000484	21	0.0000158	0.000404
2114 Dec	103	0.0883	0.17	0.00231	19.7	0.0411	30.7	0.00137	0.000771	0.00000419	0.00541	0.00252	0.0359	0.0183	0.00000484	21	0.0000157	0.000404
2115 Jan	103	0.0883	0.17	0.00231	19.7	0.0411	30.7	0.00137	0.000772	0.00000419	0.00541	0.00252	0.0359	0.0184	0.00000484	21	0.0000157	0.000404
2115 Feb	103	0.0883	0.17	0.00231	19.7	0.0411	30.7	0.00137	0.000772	0.00000419	0.00542	0.00252	0.0359	0.0184	0.00000484	21	0.0000158	0.000404
2115 Mar	103	0.0884	0.171	0.00231	19.7	0.0411	30.7	0.00138	0.000772	0.0000042	0.00542	0.00252	0.0359	0.0184	0.00000484	21	0.0000158	0.000404
2115 Apr	103	0.0889	0.171	0.00232	19.8	0.0413	30.9	0.00138	0.000777	0.00000422	0.00545	0.00254	0.0361	0.0185	0.00000487	21.1	0.0000159	0.000407
2115 May	103	0.0883	0.17	0.0023	19.8	0.0407	30.7	0.00138	0.000776	0.00000421	0.00543	0.00254	0.0357	0.019	0.00000486	21.4	0.0000159	0.000409
2115 Jun	107	0.0901	0.173	0.00235	20.4	0.0412	31.5	0.00141	0.000794	0.00000431	0.00554	0.00262	0.0364	0.0199	0.00000497	22.3	0.0000165	0.000423
2115 Jul	111	0.0937	0.18	0.00246	21.3	0.0432	32.7	0.00148	0.000837	0.00000454	0.00581	0.00273	0.0379	0.0209	0.00000522	23.3	0.0000172	0.000441
2115 Aug	107	0.0902	0.172	0.00237	20.6	0.0426	31.3	0.00144	0.00083	0.00000449	0.00571	0.00264	0.0365	0.0204	0.00000514	22.6	0.0000165	0.000425
2115 Sep	106	0.0898	0.17	0.00236	20.5	0.0428	31	0.00144	0.000833	0.0000045	0.00571	0.00262	0.0363	0.0202	0.00000515	22.5	0.0000164	0.000422
2115 Oct	106	0.0899	0.17	0.00235	20.4	0.0428	31	0.00144	0.00083	0.00000448	0.0057	0.00262	0.0363	0.0201	0.00000513	22.4	0.0000163	0.00042
2115 Nov	105	0.0894	0.169	0.00234	20.1	0.0424	31	0.00143	0.000815	0.00000441	0.00562	0.0026	0.0361	0.0196	0.00000505	22	0.000016	0.000414
2115 Dec	105	0.0895	0.169	0.00234	20.1	0.0424	31	0.00143	0.000814	0.0000044	0.00562	0.0026	0.0361	0.0196	0.00000505	22	0.000016	0.000414
2116 Jan	105	0.0895	0.169	0.00234	20.1	0.0424	31	0.00143	0.000814	0.00000441	0.00562	0.0026	0.0361	0.0196	0.00000505	22	0.000016	0.000414
2116 Feb	105	0.0895	0.169	0.00234	20.1	0.0424	31	0.00143	0.000815	0.00000441	0.00562	0.0026	0.0361	0.0196	0.00000506	22	0.0000161	0.000414
2116 Mar	105	0.0896	0.169	0.00234	20.1	0.0425	31	0.00143	0.000816	0.00000441	0.00563	0.0026	0.0362	0.0196	0.00000506	22.1	0.0000161	0.000414
2116 Apr	106	0.0901	0.17	0.00235	20.2	0.0427	31.2	0.00144	0.00082	0.00000443	0.00566	0.00262	0.0364	0.0197	0.00000509	22.2	0.0000162	0.000417
2116 May	106	0.0902	0.17	0.00235	20.4	0.0425	31.2	0.00144	0.000823	0.00000445	0.00567	0.00263	0.0362	0.0202	0.0000051	22.5	0.0000163	0.000421
2116 Jun	102	0.0821	0.163	0.00223	19.2	0.0387	30.7	0.00135	0.000738	0.00000402	0.0051	0.00253	0.0352	0.0186	0.00000467	21.1	0.0000154	0.000404
2116 Jul	107	0.0855	0.171	0.00234	20	0.0407	32.3	0.00142	0.000776	0.00000423	0.00537	0.00265	0.0371	0.0192	0.00000491	22	0.0000163	0.000424
2116 Aug	111	0.089	0.177	0.00243	20.9	0.0425	33.5	0.00148	0.000812	0.00000443	0.00561	0.00276	0.0385	0.0201	0.00000513	22.9	0.000017	0.000441
2116 Sep	106	0.087	0.168	0.00233	20	0.0416	31.9	0.00143	0.000796	0.00000433	0.00552	0.00264	0.0368	0.0194	0.00000499	22.1	0.0000163	0.000422
2116 Oct	103	0.0859	0.162	0.00225	19.2	0.0407	31	0.00139	0.000768	0.00000418	0.00538	0.00256	0.0357	0.0184	0.00000483	21.1	0.0000157	0.000404
2116 Nov	103	0.0861	0.162	0.00226	19.2	0.0408	31.1	0.00139	0.000766	0.00000417	0.00538	0.00256	0.0358	0.0183	0.00000482	21.1	0.0000157	0.000404
2116 Dec	103	0.0861	0.162	0.00226	19.2	0.0408	31.1	0.00139	0.000767	0.00000417	0.00538	0.00256	0.0358	0.0183	0.00000482	21.1	0.0000157	0.000404
2117 Jan	103	0.0861	0.162	0.00226	19.2	0.0408	31.1	0.00139	0.000767	0.00000417	0.00538	0.00256	0.0358	0.0183	0.00000482	21.1	0.0000157	0.000404
2117 Feb	103	0.0861	0.162	0.00226	19.2	0.0408	31.1	0.00139	0.000767	0.00000417	0.00538	0.00256	0.0358	0.0183	0.00000482	21.1	0.0000157	0.000404
2117 Mar	103	0.0862	0.163	0.00226	19.2	0.0408	31.1	0.00139	0.000768	0.00000418	0.00539	0.00256	0.0358	0.0183	0.00000483	21.1	0.0000157	0.000404
2117 Apr	103	0.0868	0.164	0.00227	19.4	0.0411	31.3	0.0014	0.000773	0.0000042	0.00543	0.00258	0.0361	0.0184	0.00000486	21.3	0.0000158	0.000407
2117 May	104	0.0874	0.163	0.00228	19.6	0.0411	31.3	0.00141	0.000783	0.00000425	0.00549	0.0026	0.036	0.019	0.00000491	21.7	0.0000161	0.000413
2117 Jun	106	0.0869	0.163	0.00228	19.8	0.0406	31.5	0.00142	0.000783	0.00000425	0.00547	0.00263	0.036	0.0197	0.00000491	22.2	0.0000163	0.000419
2117 Jul	111	0.091	0.171	0.00239	20.8	0.0428	33	0.00149	0.000828	0.0000045	0.00577	0.00276	0.0378	0.0207	0.00000518	23.3	0.0000172	0.00044
2117 Aug	113	0.0928	0.173	0.00244	21.2	0.044	33.5	0.00153	0.000853	0.00000463	0.00593	0.00281	0.0385	0.0212	0.00000533	23.8	0.0000175	0.000449
2117 Sep	114	0.0938	0.174	0.00245	21.3	0.0445	33.6	0.00154	0.000865	0.00000468	0.00601	0.00283	0.0386	0.0214	0.00000538	24	0.0000176	0.000451

Appendix C.2-7: A8 West

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2117 Oct	111	0.0932	0.169	0.0024	21	0.0441	32.8	0.00152	0.000859	0.00000465	0.006	0.00277	0.0378	0.0211	0.00000533	23.7	0.0000174	0.000443
2117 Nov	111	0.093	0.167	0.00239	20.9	0.0439	32.5	0.00151	0.000856	0.00000463	0.00599	0.00275	0.0375	0.021	0.0000053	23.5	0.0000173	0.000439
2117 Dec	111	0.093	0.167	0.00239	20.9	0.0439	32.5	0.00151	0.000857	0.00000463	0.00599	0.00275	0.0375	0.021	0.00000531	23.5	0.0000173	0.000439
2118 Jan	111	0.093	0.167	0.00239	20.9	0.0439	32.5	0.00151	0.000857	0.00000463	0.00599	0.00275	0.0375	0.021	0.00000531	23.5	0.0000173	0.000439
2118 Feb	111	0.093	0.168	0.00239	20.9	0.0439	32.5	0.00151	0.000857	0.00000463	0.00599	0.00275	0.0375	0.021	0.00000531	23.5	0.0000173	0.00044
2118 Mar	111	0.0931	0.168	0.00239	20.9	0.044	32.5	0.00151	0.000857	0.00000464	0.006	0.00275	0.0375	0.021	0.00000531	23.5	0.0000173	0.00044
2118 Apr	111	0.0936	0.168	0.0024	21	0.0441	32.7	0.00151	0.000861	0.00000466	0.00602	0.00277	0.0377	0.0212	0.00000533	23.7	0.0000174	0.000442
2118 May	110	0.0914	0.162	0.00232	20.8	0.0425	31.7	0.00148	0.000846	0.00000457	0.0059	0.00272	0.0364	0.0217	0.00000522	23.8	0.0000173	0.000439
2118 Jun	106	0.0846	0.158	0.00222	19.8	0.0394	31.5	0.0014	0.000767	0.00000418	0.00534	0.00263	0.0356	0.0202	0.00000483	22.6	0.0000163	0.000424
2118 Jul	112	0.0893	0.167	0.00235	20.9	0.0418	33.3	0.00149	0.000816	0.00000444	0.00568	0.00279	0.0377	0.0214	0.00000513	23.9	0.0000173	0.000448
2118 Aug	110	0.0881	0.163	0.00232	20.7	0.0419	32.5	0.00148	0.000823	0.00000447	0.00569	0.00275	0.037	0.0212	0.00000514	23.6	0.000017	0.000441
2118 Sep	104	0.085	0.155	0.00221	19.4	0.0406	31.2	0.00141	0.000779	0.00000423	0.00541	0.00262	0.0355	0.0195	0.00000488	22.1	0.0000159	0.000415
2118 Oct	103	0.0842	0.154	0.00218	18.9	0.0402	31.4	0.00139	0.000746	0.00000407	0.00524	0.00258	0.0356	0.0184	0.00000473	21.3	0.0000153	0.000405
2118 Nov	102	0.0841	0.154	0.00218	18.8	0.0402	31.5	0.00138	0.000738	0.00000404	0.0052	0.00258	0.0357	0.0181	0.00000469	21.1	0.0000152	0.000403
2118 Dec	102	0.0841	0.154	0.00218	18.8	0.0402	31.5	0.00139	0.000738	0.00000404	0.0052	0.00258	0.0357	0.0181	0.0000047	21.1	0.0000152	0.000403
2119 Jan	102	0.0842	0.154	0.00218	18.9	0.0402	31.5	0.00139	0.000739	0.00000404	0.0052	0.00258	0.0357	0.0181	0.0000047	21.1	0.0000152	0.000403
2119 Feb	102	0.0842	0.154	0.00218	18.9	0.0402	31.5	0.00139	0.000739	0.00000404	0.0052	0.00258	0.0357	0.0181	0.0000047	21.1	0.0000152	0.000404
2119 Mar	103	0.0843	0.155	0.00219	18.9	0.0403	31.6	0.00139	0.00074	0.00000405	0.00521	0.00259	0.0358	0.0182	0.00000471	21.1	0.0000153	0.000404
2119 Apr	104	0.0853	0.156	0.0022	19.1	0.0405	31.8	0.0014	0.000748	0.00000409	0.00526	0.00261	0.0359	0.0186	0.00000475	21.5	0.0000154	0.000409
2119 May	104	0.0837	0.151	0.00213	19.3	0.0386	31.3	0.00136	0.000726	0.00000397	0.00507	0.0026	0.0349	0.0197	0.00000462	22.2	0.0000153	0.000415
2119 Jun	104	0.0815	0.151	0.00213	19.1	0.0381	31.6	0.00136	0.000712	0.00000391	0.00498	0.0026	0.0352	0.0192	0.00000456	21.8	0.0000153	0.000415
2119 Jul	109	0.0853	0.158	0.00224	20.1	0.0401	33.1	0.00143	0.000755	0.00000414	0.00529	0.00273	0.037	0.0202	0.00000483	22.9	0.0000162	0.000436
2119 Aug	111	0.0867	0.159	0.00227	20.4	0.0413	33.4	0.00146	0.00078	0.00000427	0.00544	0.00277	0.0375	0.0206	0.00000496	23.4	0.0000164	0.000443
2119 Sep	107	0.085	0.152	0.0022	19.8	0.0406	32.2	0.00143	0.00077	0.0000042	0.00537	0.00268	0.0362	0.02	0.00000486	22.7	0.0000159	0.000428
2119 Oct	105	0.0841	0.151	0.00217	19.2	0.0401	31.9	0.0014	0.000746	0.00000408	0.00524	0.00264	0.0358	0.0191	0.00000474	21.9	0.0000155	0.000415
2119 Nov	104	0.0837	0.15	0.00216	19	0.0399	32	0.0014	0.000734	0.00000402	0.00517	0.00262	0.0358	0.0186	0.00000469	21.6	0.0000153	0.000411
2119 Dec	104	0.0838	0.15	0.00216	19	0.04	32	0.0014	0.000735	0.00000402	0.00517	0.00263	0.0358	0.0187	0.00000469	21.6	0.0000153	0.000411

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000103	0.000567	0.0767	0.00000653	0.798	1.26	0.00917	0.000174	2.75	0.000761	0.00657	0.0000189	0.0000194	0.0000386	0.0521	0.00000131	0.0000423	0.000136	0.00106	
Operation (2024-2031): Mean	0.000145	0.000859	0.0931	0.00000944	1.07	1.73	0.0161	0.000414	3.89	0.000988	0.00999	0.0000939	0.0000662	0.0000454	0.0707	0.00000189	0.0000705	0.000278	0.00124	
Operation (2024-2031): Max	0.000396	0.00112	0.17	0.0000113	1.65	3.17	0.0636	0.000592	5.81	0.0015	0.012	0.000531	0.00019	0.0000903	0.125	0.00000227	0.0000894	0.000831	0.00193	
Active Closure (2032-2038): Min	0.000109	0.000606	0.0791	0.00000868	0.832	1.22	0.00925	0.000153	2.61	0.00089	0.00818	0.000019	0.0000196	0.0000375	0.0499	0.00000174	0.0000485	0.000186	0.00102	0.000000786
Active Closure (2032-2038): Mean	0.000193	0.000887	0.108	0.00000979	1.18	1.99	0.0257	0.000368	4.17	0.0011	0.0103	0.000181	0.000106	0.0000543	0.0806	0.00000196	0.0000709	0.000422	0.00145	0.00000159
Active Closure (2032-2038): Max	0.000399	0.00108	0.163	0.0000116	1.61	3.06	0.0658	0.000585	5.62	0.00148	0.0119	0.000558	0.000192	0.0000901	0.122	0.00000231	0.0000888	0.000859	0.00185	0.00000186
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000134	0.000776	0.0539	0.00000516	1.45	2.12	0.019	0.000282	5.17	0.0013	0.0115	0.000108	0.000171	0.0000762	0.0754	0.0000019	0.0000775	0.00028	0.00105	0.00000186
Post Closure (2039-2119): Mean	0.000204	0.000894	0.0778	0.0000069	2.32	2.98	0.0347	0.000824	11.6	0.00155	0.0507	0.000206	0.000234	0.000124	0.116	0.00000333	0.000332	0.000412	0.00129	0.00036
Post Closure (2039-2119): Max	0.000307	0.00107	0.146	0.0000113	3.5	4.08	0.0539	0.00184	14.8	0.00186	0.106	0.00037	0.000317	0.000194	0.166	0.00000633	0.000527	0.000693	0.00187	0.000761
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan	0.000147	0.000567	0.0767	0.00000653	0.798	1.38	0.0218	0.000178	2.75	0.000761	0.00657	0.00017	0.0000963	0.0000406	0.0555	0.00000131	0.0000423	0.000344	0.00107	
2024 Feb	0.000147	0.000567	0.0767	0.00000653	0.798	1.38	0.0218	0.000178	2.75	0.000761	0.00657	0.00017	0.0000963	0.0000406	0.0555	0.00000131	0.0000423	0.000344	0.00107	
2024 Mar	0.000147	0.000567	0.0768	0.00000653	0.799	1.38	0.0218	0.000178	2.75	0.000762	0.00657	0.00017	0.0000964	0.0000406	0.0556	0.00000131	0.0000424	0.000344	0.00107	
2024 Apr	0.000148	0.000568	0.0769	0.00000654	0.8	1.38	0.0219	0.000178	2.75	0.000763	0.00658	0.000171	0.0000965	0.0000407	0.0557	0.00000131	0.0000424	0.000345	0.00107	
2024 May	0.000157	0.000585	0.0801	0.00000667	0.829	1.45	0.0235	0.000181	2.86	0.000788	0.00673	0.000185	0.0000997	0.0000425	0.0582	0.00000133	0.0000434	0.000363	0.0011	
2024 Jun	0.000192	0.000625	0.0907	0.00000686	0.915	1.66	0.0299	0.000174	3.16	0.000857	0.00701	0.000242	0.000112	0.0000487	0.0665	0.00000137	0.000045	0.000437	0.00116	
2024 Jul	0.000199	0.000652	0.0945	0.00000721	0.953	1.73	0.0309	0.000181	3.29	0.000896	0.00734	0.00025	0.000118	0.0000507	0.0691	0.00000144	0.000047	0.000455	0.00122	
2024 Aug	0.000203	0.000673	0.0967	0.00000746	0.981	1.77	0.0313	0.00019	3.39	0.000922	0.00757	0.000253	0.00012	0.0000521	0.0709	0.00000149	0.0000486	0.00046	0.00125	
2024 Sep	0.000199	0.000675	0.0957	0.0000075	0.98	1.76	0.0305	0.0002	3.39	0.00092	0.0076	0.000244	0.000116	0.0000516	0.0705	0.0000015	0.0000491	0.000447	0.00124	
2024 Oct	0.000198	0.000681	0.0958	0.00000754	0.983	1.76	0.0302	0.000205	3.41	0.000922	0.00767	0.000241	0.000114	0.0000515	0.0706	0.00000151	0.0000497	0.000444	0.00124	
2024 Nov	0.000198	0.000684	0.096	0.00000757	0.986	1.76	0.0301	0.000208	3.42	0.000924	0.00771	0.00024	0.000114	0.0000515	0.0708	0.00000151	0.00005	0.000443	0.00124	
2024 Dec	0.000198	0.000684	0.096	0.00000757	0.986	1.77	0.0301	0.000208	3.42	0.000924	0.00771	0.00024	0.000114	0.0000515	0.0708	0.00000151	0.0000501	0.000443	0.00124	
2025 Jan	0.000198	0.000684	0.096	0.00000757	0.986	1.77	0.0301	0.000208	3.42	0.000924	0.00771	0.00024	0.000114	0.0000515	0.0708	0.00000151	0.0000501	0.000443	0.00124	
2025 Feb	0.000198	0.000684	0.096	0.00000757	0.986	1.77	0.0301	0.000208	3.42	0.000924	0.00771	0.00024	0.000114	0.0000515	0.0708	0.00000151	0.0000501	0.000443	0.00124	
2025 Mar	0.000198	0.000684	0.096	0.00000758	0.987	1.77	0.0301	0.000208	3.42	0.000925	0.00771	0.00024	0.000114	0.0000516	0.0708	0.00000152	0.0000501	0.000443	0.00124	
2025 Apr	0.000198	0.000685	0.0961	0.00000758	0.987	1.77	0.0301	0.000209	3.42	0.000925	0.00772	0.00024	0.000114	0.0000516	0.0709	0.00000152	0.0000501	0.000444	0.00124	
2025 May	0.000201	0.000695	0.0975	0.00000769	1	1.79	0.0306	0.000211	3.47	0.000938	0.00783	0.000244	0.000116	0.0000523	0.0719	0.00000154	0.0000508	0.00045	0.00126	
2025 Jun	0.000195	0.000688	0.0964	0.00000781	0.992	1.75	0.0296	0.000204	3.41	0.00094	0.00788	0.000235	0.000122	0.0000517	0.0703	0.00000156	0.0000507	0.000452	0.00131	
2025 Jul	0.000183	0.000678	0.0945	0.00000798	0.972	1.68	0.0278	0.000194	3.3	0.000938	0.00794	0.000219	0.000129	0.0000504	0.0676	0.0000016	0.0000502	0.000446	0.00136	
2025 Aug	0.000185	0.00073	0.098	0.00000868	1.04	1.76	0.0275	0.00023	3.56	0.001	0.00849	0.000212	0.000126	0.0000536	0.0715	0.00000174	0.0000543	0.000432	0.00142	
2025 Sep	0.00015	0.00083	0.0915	0.00000947	1.09	1.74	0.0179	0.000398	3.91	0.00101	0.00954	0.000107	0.000069	0.0000497	0.0722	0.00000189	0.000067	0.000279	0.00126	
2025 Oct	0.000135	0.000873	0.0891	0.00000935	1.07	1.71	0.0132	0.00047	3.95	0.000965	0.0101	0.000061	0.000043	0.0000431	0.0704	0.00000187	0.0000739	0.000229	0.00114	
2025 Nov	0.00013	0.000874	0.0876	0.00000922	1.05	1.68	0.012	0.000482	3.91	0.000944	0.0101	0.0000498	0.0000366	0.0000412	0.0692	0.00000184	0.0000747	0.000215	0.0011	
2025 Dec	0.00013	0.000875	0.0877	0.00000923	1.05	1.69	0.012	0.000482	3.92	0.000945	0.0101	0.0000498	0.0000366	0.0000412	0.0693	0.00000185	0.0000748	0.000215	0.0011	
2026 Jan	0.00013	0.000875	0.0877	0.00000924	1.05	1.69	0.012	0.000482	3.92	0.000946	0.0101	0.0000498	0.0000366	0.0000412	0.0693	0.00000185	0.0000748	0.000215	0.0011	
2026 Feb	0.00013	0.000875	0.0877	0.00000924	1.05	1.69	0.012	0.000482	3.92	0.000946	0.0101	0.0000498	0.0000366	0.0000412	0.0693	0.00000185	0.0000748	0.000215	0.0011	
2026 Mar	0.00013	0.000876	0.0878	0.00000925	1.05	1.69	0.012	0.000483	3.92	0.000947	0.0101	0.0000499	0.0000367	0.0000413	0.0694	0.00000185	0.0000749	0.000216	0.0011	
2026 Apr	0.000131	0.000883	0.0885	0.00000932	1.06	1.7	0.0121	0.000487	3.95	0.000954	0.0102	0.0000503	0.000037	0.0000416	0.0699	0.00000186	0.0000754	0.000217	0.00111	
2026 May	0.000137	0.000911	0.0919	0.0000096	1.1	1.77	0.013	0.0005	4.09	0.000987	0.0105	0.0000563	0.000039	0.0000433	0.0726	0.00000192	0.0000777	0.000229	0.00114	
2026 Jun	0.000168	0.000774	0.0988	0.00000947	1.06	1.73	0.0233	0.000273	3.59	0.00104	0.00957	0.000167	0.000142	0.0000504	0.0701	0.00000189	0.0000623	0.00045	0.0016	
2026 Jul	0.000158	0.000828	0.103	0.0000104	1.09	1.71	0.0214	0.000256	3.67	0.00109	0.0101	0.000158	0.000149	0.0000519	0.0696	0.00000208	0.000063	0.00042	0.00171	
2026 Aug	0.000115	0.000857	0.0887	0.0000106	1.09	1.57	0.0123	0.00036	3.89	0.00105	0.00944	0.0000711	0.0000562	0.0000527	0.0672	0.00000213	0.0000612	0.000136	0.00129	
2026 Sep	0.000121	0.00092	0.0892	0.0000105	1.14	1.71	0.0107	0.000496	4.2	0.00104	0.0104	0.0000358	0.0000325	0.0000488	0.0725	0.0000021	0.0000747	0.000151	0.0012	
2026 Oct	0.000125	0.000954	0.091	0.00000992	1.11	1.76	0.0096	0.000551	4.2	0.00099	0.011	0.0000225	0.0000225	0.0000413	0.0725	0.00000198	0.0000824	0.000182	0.0011	
2026 Nov	0.000127	0.000965	0.0921	0.00001	1.12	1.78	0.00971	0.000557	4.25	0.001	0.0111	0.0000228	0.0000228	0.0000417	0.0733	0.00000201	0.0000834	0.000185	0.00112	
2026 Dec	0.000127	0.000967	0.0922	0.00001	1.13	1.78	0.00972	0.000558	4.25	0.001	0.0112	0.0000228	0.0000228	0.0000418	0.0734	0.00000201	0.0000835	0.000185	0.00112	
2027 Jan	0.000127	0.000967	0.0923	0.00001	1.13	1.78	0.00973	0.000558	4.25	0.001	0.0112	0.0000228	0.0000228	0.0000418	0.0734	0.00000201	0.0000835	0.000185	0.00112	
2027 Feb	0.000127	0.000967	0.0923	0.0000101	1.13	1.78	0.00973	0.000558	4.25	0.001	0.0112	0.0000228	0.0000228	0.0000418	0.0735	0.00000201	0.0000835	0.000185	0.00112	
2027 Mar	0.000127	0.000969	0.0924	0.0000101	1.13	1.79	0.00975	0.000559	4.26	0.00101	0.0112	0.0000229	0.0000229	0.0000419	0.0736	0.00000201	0.0000837	0.000185	0.00112	
2027 Apr	0.00013	0.000985	0.094	0.0000102	1.15	1.82	0.00991	0.000569	4.34	0.00102	0.0114	0.0000233	0.0000232	0.0000426	0.0749	0.00000205	0.0000851	0.000188	0.00114	
2027 May	0.000151	0.00105	0.103	0.0000108	1.24	1.99	0.0132	0.000589	4.66	0.0011	0.012	0.0000503	0.0000302	0.0000473	0.0818	0.00000216	0.0000894	0.000229	0.00122	
2027 Jun	0.000149	0.000739	0.0949	0.00000968	1.02	1.59	0.0207	0.000237	3.34	0.00103	0.00953	0.000146	0.000162	0.0000482	0.0647	0.00000194	0.0000601	0.000457	0.00172	
2027 Jul	0.000128	0.000733	0.0946	0.0000104	0.994	1.45	0.0178	0.000181	3.14	0.00106	0.00976	0.000128	0.00019	0.0000478	0.0594	0.00000209	0.0000574	0.000453	0.00192	
2027 Aug	0.000118	0.00082	0.0896	0.0000108	1.1	1.56	0.0139	0.000329	3.75	0.00108	0.00968	0.0000789	0.0001	0.0000531	0.0665	0.00000217	0.000062	0.000241	0.00154	
2027 Sep	0.000119	0.000898	0.0859	0.0000101	1.11	1.69	0.01	0.000514	4.11	0.00101	0.0103	0.0000243	0.0000289	0.0000459	0.0712	0.00000201	0.0000759	0.00016	0.00115	
2027 Oct	0.000126	0.000955	0.0908	0.00000987	1.11	1.76	0.00948	0.000559	4.2	0.000987	0.0111	0.0000199	0.0000217	0.0000407	0.0726	0.00000197	0.0000833	0.000186	0.0011	
2027 Nov	0.000127	0.000963	0.0915	0.0000099	1.11	1.78	0.00949	0.000564	4.23	0.00099	0.0112	0.0000197	0.0000213	0.0000406	0.073	0.00000198	0.0000841	0.000188	0.0011	
2027 Dec	0.000127	0.000963	0.0915	0.0000099	1.11	1.78	0.00948	0.000564	4.23	0.00099	0.0112	0.0000197	0.0000213	0.0000406	0.073	0.00000198	0.0000841	0.000188	0.0011	
2028 Jan	0.000127	0.000963	0.0915	0.0000099	1.11	1.78	0.00948	0.000564	4.23	0.00099	0.0112	0.0000197	0.0000213	0.0000406	0.073	0.00000198	0.0000841	0.000188	0.0011	
2028 Feb	0.000127	0.000963	0.0916	0.0000099	1.11	1.78	0.00949	0.000564	4.23	0.00099	0.0112	0.0000197	0.0000213	0.0000406	0.073	0.00000198	0.0000841	0.000188	0.0011	
2028 Mar	0.000127	0.000964	0.0916	0.00000991	1.12	1.78	0.00949	0.000565	4.23	0.00099	0.0112	0.0000197	0.0000213	0.0000406	0.0731	0.00000198	0.0000842	0.000189	0.0011	
2028 Apr	0.000128	0.000973	0.0925	0.00001	1.13	1.79	0.00958	0.00057	4.27	0.001	0.0113	0.0000199	0.0000215	0.000041	0.0737	0.000002	0.000085	0.00019	0.00111	
2028 May	0.000133	0.00101	0.0962	0.0000104	1.17	1.87	0.01	0.000592	4.44	0.00104	0.0117	0.0000215	0.0000225	0.0000427	0.0767	0.00000208	0.0000883	0.000199	0.00116	

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Jun	0.000112	0.00074	0.0862	0.00000985	0.965	1.42	0.0133	0.000283	3.19	0.000989	0.00977	0.000074	0.000145	0.000042	0.0583	0.00000197	0.000063	0.000376	0.00168	
2028 Jul	0.00011	0.000716	0.0896	0.0000104	0.961	1.35	0.0146	0.000195	3.01	0.00104	0.00979	0.0000956	0.000188	0.0000447	0.0559	0.00000209	0.0000583	0.000432	0.00193	
2028 Aug	0.000118	0.000809	0.0942	0.0000113	1.09	1.53	0.0146	0.00028	3.55	0.00113	0.0104	0.0000859	0.000159	0.0000513	0.0643	0.00000227	0.0000644	0.000367	0.00188	
2028 Sep	0.000123	0.0009	0.0922	0.0000106	1.12	1.68	0.0116	0.000452	3.99	0.00106	0.0108	0.0000455	0.0000756	0.0000464	0.0701	0.00000212	0.0000758	0.000252	0.00142	
2028 Oct	0.000124	0.000944	0.09	0.00000961	1.08	1.74	0.00922	0.000551	4.11	0.000961	0.011	0.0000196	0.0000221	0.0000387	0.0711	0.00000192	0.0000828	0.000192	0.00108	
2028 Nov	0.000126	0.000958	0.0913	0.00000974	1.1	1.76	0.00933	0.00056	4.17	0.000974	0.0111	0.0000197	0.000022	0.0000392	0.0721	0.00000195	0.000084	0.000194	0.00109	
2028 Dec	0.000126	0.00096	0.0914	0.00000976	1.1	1.77	0.00934	0.000561	4.18	0.000976	0.0112	0.0000197	0.000022	0.0000392	0.0722	0.00000195	0.0000842	0.000194	0.00109	
2029 Jan	0.000126	0.00096	0.0914	0.00000976	1.1	1.77	0.00934	0.000561	4.18	0.000976	0.0112	0.0000197	0.000022	0.0000392	0.0722	0.00000195	0.0000842	0.000194	0.00109	
2029 Feb	0.000126	0.00096	0.0914	0.00000976	1.1	1.77	0.00934	0.000561	4.18	0.000976	0.0112	0.0000197	0.000022	0.0000392	0.0722	0.00000195	0.0000842	0.000194	0.00109	
2029 Mar	0.000126	0.00096	0.0915	0.00000977	1.1	1.77	0.00935	0.000561	4.18	0.000977	0.0112	0.0000197	0.000022	0.0000393	0.0723	0.00000195	0.0000842	0.000194	0.00109	
2029 Apr	0.000127	0.000963	0.0918	0.0000098	1.1	1.77	0.00938	0.000563	4.2	0.00098	0.0112	0.0000198	0.0000221	0.0000394	0.0725	0.00000196	0.0000845	0.000195	0.00109	
2029 May	0.00013	0.000989	0.0943	0.0000101	1.13	1.82	0.00968	0.000578	4.31	0.00101	0.0115	0.0000208	0.0000228	0.0000405	0.0745	0.00000201	0.0000867	0.000201	0.00112	
2029 Jun	0.00014	0.000919	0.0977	0.0000103	1.12	1.77	0.0142	0.000454	4.03	0.00106	0.0112	0.0000695	0.0000856	0.0000448	0.0725	0.00000207	0.000079	0.000318	0.00144	
2029 Jul	0.000103	0.000686	0.0838	0.00000953	0.886	1.26	0.0131	0.000188	2.85	0.000943	0.00896	0.0000909	0.000153	0.000041	0.0521	0.00000191	0.0000533	0.000352	0.00166	
2029 Aug	0.000106	0.000805	0.0852	0.0000103	1.03	1.46	0.0114	0.000321	3.59	0.00101	0.00921	0.0000656	0.0000762	0.0000493	0.0623	0.00000207	0.0000587	0.000172	0.00136	
2029 Sep	0.000118	0.000901	0.088	0.0000103	1.11	1.67	0.0104	0.000482	4.08	0.00102	0.0103	0.0000339	0.000039	0.000047	0.0705	0.00000206	0.0000739	0.000165	0.00121	
2029 Oct	0.000123	0.00094	0.0901	0.00000994	1.1	1.73	0.00966	0.000535	4.15	0.000992	0.0109	0.0000242	0.0000267	0.0000419	0.0716	0.00000199	0.0000806	0.000182	0.00113	
2029 Nov	0.000123	0.000934	0.0892	0.00000969	1.08	1.72	0.00933	0.000539	4.1	0.000967	0.0108	0.0000215	0.0000233	0.00004	0.0707	0.00000194	0.0000809	0.000183	0.00109	
2029 Dec	0.000123	0.000935	0.0893	0.0000097	1.09	1.72	0.00934	0.000539	4.1	0.000968	0.0108	0.0000215	0.0000233	0.00004	0.0708	0.00000194	0.000081	0.000183	0.00109	
2030 Jan	0.000123	0.000935	0.0893	0.0000097	1.09	1.72	0.00934	0.000539	4.1	0.000968	0.0108	0.0000215	0.0000233	0.00004	0.0708	0.00000194	0.000081	0.000183	0.00109	
2030 Feb	0.000123	0.000935	0.0893	0.0000097	1.09	1.72	0.00934	0.00054	4.1	0.000969	0.0108	0.0000215	0.0000233	0.00004	0.0708	0.00000194	0.000081	0.000183	0.00109	
2030 Mar	0.000123	0.000937	0.0894	0.00000972	1.09	1.72	0.00936	0.000541	4.11	0.00097	0.0108	0.0000215	0.0000234	0.0000401	0.071	0.00000194	0.0000812	0.000183	0.00109	
2030 Apr	0.000123	0.000941	0.0898	0.00000976	1.09	1.73	0.0094	0.000543	4.13	0.000975	0.0109	0.0000216	0.0000235	0.0000403	0.0713	0.00000195	0.0000815	0.000184	0.00109	
2030 May	0.000129	0.000981	0.0937	0.0000102	1.14	1.81	0.0098	0.000566	4.3	0.00102	0.0114	0.0000225	0.0000245	0.000042	0.0743	0.00000204	0.000085	0.000192	0.00114	
2030 Jun	0.000111	0.000762	0.0865	0.00000992	0.979	1.44	0.0125	0.000309	3.28	0.000991	0.00992	0.0000653	0.000133	0.0000418	0.0594	0.00000198	0.000065	0.000353	0.00163	
2030 Jul	0.000104	0.00073	0.087	0.00000994	0.922	1.31	0.0127	0.000205	3.01	0.000974	0.00931	0.0000888	0.000146	0.0000424	0.0541	0.00000199	0.0000554	0.00033	0.00166	
2030 Aug	0.000108	0.000851	0.0927	0.0000107	1.02	1.46	0.0116	0.000273	3.57	0.00102	0.00961	0.0000856	0.0000865	0.0000481	0.0611	0.00000213	0.0000579	0.000179	0.00141	
2030 Sep	0.000118	0.000918	0.0951	0.0000111	1.12	1.63	0.0116	0.000384	4	0.00108	0.0104	0.0000658	0.0000675	0.0000508	0.0688	0.00000222	0.0000679	0.000174	0.00139	
2030 Oct	0.000122	0.000938	0.0919	0.0000101	1.1	1.7	0.01	0.000496	4.09	0.001	0.0108	0.0000353	0.0000365	0.0000428	0.0705	0.00000203	0.0000779	0.000184	0.00118	
2030 Nov	0.000123	0.000941	0.0911	0.00000992	1.09	1.72	0.00967	0.000518	4.1	0.000985	0.0109	0.000029	0.0000302	0.0000411	0.0706	0.00000198	0.0000797	0.000185	0.00113	
2030 Dec	0.000123	0.000942	0.0912	0.00000993	1.09	1.72	0.00968	0.000518	4.1	0.000986	0.0109	0.0000291	0.0000302	0.0000412	0.0707	0.00000199	0.0000798	0.000185	0.00113	
2031 Jan	0.000123	0.000942	0.0912	0.00000993	1.09	1.72	0.00968	0.000518	4.1	0.000986	0.0109	0.0000291	0.0000302	0.0000412	0.0707	0.00000199	0.0000798	0.000185	0.00113	
2031 Feb	0.000123	0.000942	0.0912	0.00000993	1.09	1.72	0.00968	0.000518	4.1	0.000986	0.0109	0.0000291	0.0000302	0.0000412	0.0707	0.00000199	0.0000798	0.000185	0.00113	
2031 Mar	0.000123	0.000942	0.0913	0.00000994	1.09	1.72	0.00969	0.000519	4.1	0.000987	0.0109	0.0000291	0.0000302	0.0000412	0.0708	0.00000199	0.0000799	0.000186	0.00114	
2031 Apr	0.000125	0.000956	0.0926	0.0000101	1.11	1.74	0.00983	0.000526	4.16	0.001	0.011	0.0000295	0.0000306	0.0000418	0.0718	0.00000202	0.000081	0.000188	0.00115	
2031 May	0.000199	0.00104	0.115	0.0000105	1.29	2.2	0.0233	0.000507	4.79	0.00115	0.0116	0.000151	0.0000579	0.0000551	0.089	0.0000021	0.0000839	0.000341	0.00129	
2031 Jun	0.000396	0.00104	0.164	0.00000997	1.59	3.15	0.0636	0.000271	5.61	0.00142	0.0108	0.000531	0.000173	0.0000883	0.124	0.00000199	0.0000717	0.000831	0.00168	
2031 Jul	0.000386	0.00112	0.17	0.0000113	1.65	3.17	0.0609	0.000286	5.81	0.0015	0.0119	0.000511	0.000181	0.0000903	0.125	0.00000226	0.0000764	0.000806	0.00184	
2031 Aug	0.000175	0.000916	0.107	0.0000106	1.2	1.91	0.023	0.000332	4.29	0.00113	0.0098	0.000173	0.0000761	0.0000606	0.0793	0.00000213	0.0000628	0.000264	0.00135	
2031 Sep	0.000123	0.000893	0.0863	0.0000098	1.1	1.69	0.0108	0.000505	4.08	0.000987	0.0101	0.0000344	0.0000257	0.0000451	0.071	0.00000196	0.0000748	0.000163	0.0011	
2031 Oct	0.000124	0.000945	0.0898	0.00000958	1.08	1.74	0.00917	0.000555	4.12	0.000959	0.011	0.0000189	0.0000194	0.0000386	0.0712	0.00000192	0.0000829	0.000187	0.00106	
2031 Nov	0.000125	0.000954	0.0906	0.00000966	1.09	1.76	0.00924	0.00056	4.16	0.000967	0.0111	0.000019	0.0000196	0.0000389	0.0718	0.00000193	0.0000837	0.000189	0.00107	
2031 Dec	0.000126	0.000954	0.0907	0.00000967	1.09	1.76	0.00925	0.000561	4.16	0.000967	0.0111	0.000019	0.0000196	0.0000389	0.0719	0.00000193	0.0000837	0.000189	0.00107	
2032 Jan	0.000126	0.000954	0.0907	0.00000967	1.09	1.76	0.00925	0.000561	4.16	0.000967	0.0111	0.000019	0.0000196	0.0000389	0.0719	0.00000193	0.0000837	0.000189	0.00107	
2032 Feb	0.000126	0.000954	0.0907	0.00000967	1.09	1.76	0.00925	0.000561	4.16	0.000968	0.0111	0.000019	0.0000196	0.0000389	0.0719	0.00000193	0.0000837	0.000189	0.00107	
2032 Mar	0.000126	0.000955	0.0908	0.00000968	1.09	1.76	0.00926	0.000561	4.17	0.000968	0.0111	0.000019	0.0000196	0.000039	0.072	0.00000194	0.0000838	0.00019	0.00107	
2032 Apr	0.000127	0.000963	0.0915	0.00000976	1.1	1.77	0.00933	0.000566	4.2	0.000977	0.0112	0.0000192	0.0000198	0.0000393	0.0726	0.00000195	0.0000845	0.000191	0.00108	
2032 May	0.000139	0.00101	0.0973	0.0000102	1.16	1.89	0.0111	0.000585	4.42	0.00103	0.0117	0.0000328	0.0000235	0.0000422	0.0771	0.00000203	0.0000879	0.000214	0.00113	
2032 Jun	0.000153	0.00075	0.0957	0.00000954	1.02	1.62	0.0211	0.000253	3.4	0.00103	0.00957	0.000148	0.000154	0.0000479	0.0659	0.00000191	0.0000613	0.000454	0.00167	
2032 Jul	0.000109	0.000606	0.0791	0.00000868	0.832	1.22	0.0153	0.000153	2.61	0.00089	0.00818	0.000108	0.000163	0.0000399	0.0499	0.00000174	0.0000485	0.000396	0.00163	
2032 Aug	0.00011	0.000666	0.0815	0.00000924	0.903	1.31	0.0147	0.000204	2.93	0.000937	0.00855	0.0000987	0.000142	0.0000434	0.0544	0.00000185	0.000052	0.000343	0.00158	
2032 Sep	0.000118	0.000778	0.0867	0.00000999	1.02	1.5	0.0138	0.000324	3.49	0.00101	0.00955	0.0000766	0.000109	0.0000467	0.063	0.000002	0.0000628	0.000294	0.00151	
2032 Oct	0.000125	0.000862	0.0909	0.0000102	1.08	1.64	0.0127	0.000413	3.83	0.00103	0.0104	0.0000601	0.0000829	0.0000456	0.068	0.00000204	0.0000719	0.000269	0.00141	
2032 Nov	0.000126	0.000881	0.0915	0.0000102	1.09	1.67	0.0123	0.000436	3.9	0.00103	0.0106	0.0000548	0.0000748	0.000045	0.069	0.00000204	0.000074	0.000261	0.00138	
2032 Dec	0.000125	0.000886	0.0908	0.0000101	1.08	1.67	0.0118	0.000452	3.91	0.00101	0.0106	0.0000489	0.0000659	0.0000437	0.069	0.00000201	0.000075	0.000248	0.00132	
2033 Jan	0.000125	0.000886	0.0908	0.0000101	1.08	1.67	0.0118	0.000452	3.91	0.00101	0.0106	0.000049	0.0000659	0.0000437	0.069	0.00000201	0.000075	0.000248	0.00132	
2033 Feb	0.000125	0.000887	0.0908	0.0000101	1.08	1.67	0.0118	0.000453	3.92	0.00101	0.0106	0.000049	0.000066	0.0000437	0.069	0.00000201	0.0000751	0.000248	0.00132	
2033 Mar	0.000125	0.00089	0.0912	0.0000101	1.09	1.68	0.0118	0.000454	3.93	0.00102	0.0106	0.0000492	0.0000662	0.0000439	0.0693	0.00000202	0.0000753	0.000249	0.00133	
2033 Apr	0.000128	0.000907	0.0929	0.0000103	1.11	1.71	0.012	0.000463	4.01	0.00103	0.0108	0.0000501	0.0000675	0.0000447	0.0706	0.00000206	0.0000768	0.000254	0.00135	
2033 May	0.000318	0.00105	0.145	0.0000104	1.49	2.79	0.0474	0.000378	5.36	0.00133	0.0113	0.000376	0.000127	0.0000763	0.111	0.00000208	0.0000778	0.000634	0.00155	
2033 Jun	0.000399	0.000951	0.159	0.00000912	1.51	3.06	0.0658	0.0002	5.28	0.00136	0.00983	0.000558	0.000184	0.0000874	0.12	0.00000182	0.0000633	0.000859	0.00164	
2033 Jul	0.000385	0.000981	0.16	0.00000983	1.53	3.01	0.063	0.000206	5.3	0.00139	0.0104	0.000533	0.000192	0.0000872	0.119	0.00000197	0.0000656	0.000842	0.00175	
2033 Aug	0.000373	0.00107	0.163	0.0000111	1.61	3.05	0.0596	0.000264	5.62	0.00148	0.0113	0.000497	0.000182	0.0000901	0.122	0.00000222	0.000072	0.000784	0.00184	
2033 Sep	0.000153	0.000931	0.0963	0.00000987	1.16	1.88	0.016	0.000501	4.29	0.00104	0.0106	0.0000818	0.0000412	0.0000483	0.0774	0.00000197	0.0000778	0.000246	0.00117	
2033 Oct	0.000122	0.000898	0.0862	0.00000913	1.04	1.67	0.00944	0.000523	3.94	0.000918	0.0104	0.0000247	0.0000207	0.0000375	0.0684	0.00000183	0.0000785	0.000186	0.00102	
2033 Nov	0.000122	0.000906	0.0868	0.00000919	1.04	1.68	0.00941	0.000528	3.97	0.000925	0.0105	0.0000239	0.0000206	0.0000377	0.0688	0.00000184	0.0000792	0.000186	0.00102	
2033 Dec	0.000122	0.000906	0.0869	0.0000092	1.04	1.68	0.00942	0.000528	3.97	0.000925	0.0105	0.000024	0.0000206	0.0000377	0.0689	0.00000184	0.0000792	0.000187	0.00103	

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Jan	0.000122	0.000906	0.0869	0.0000092	1.04	1.68	0.00942	0.000528	3.97	0.000925	0.0105	0.000024	0.0000206	0.0000377	0.0689	0.00000184	0.0000792	0.000187	0.00103	
2034 Feb	0.000122	0.000907	0.0869	0.0000092	1.04	1.68	0.00942	0.000529	3.97	0.000926	0.0105	0.000024	0.0000206	0.0000377	0.0689	0.00000184	0.0000792	0.000187	0.00103	
2034 Mar	0.000122	0.000907	0.087	0.00000921	1.05	1.68	0.00943	0.000529	3.97	0.000926	0.0105	0.000024	0.0000206	0.0000378	0.0689	0.00000184	0.0000793	0.000187	0.00103	
2034 Apr	0.000124	0.000917	0.0879	0.00000931	1.06	1.7	0.00954	0.000535	4.02	0.000937	0.0106	0.0000243	0.0000209	0.0000382	0.0697	0.00000186	0.0000802	0.000189	0.00104	
2034 May	0.00017	0.000978	0.103	0.00000972	1.18	2	0.0178	0.000529	4.45	0.00104	0.0111	0.0000982	0.000038	0.0000468	0.081	0.00000194	0.0000828	0.000283	0.00114	
2034 Jun	0.00032	0.000981	0.14	0.00000945	1.41	2.72	0.0487	0.000334	5.07	0.00126	0.0105	0.000393	0.000129	0.0000732	0.108	0.00000189	0.0000722	0.000654	0.00146	
2034 Jul	0.000295	0.000986	0.138	0.0000101	1.39	2.58	0.0445	0.000316	4.93	0.00127	0.0108	0.000359	0.000141	0.0000715	0.103	0.00000202	0.000072	0.000623	0.00158	
2034 Aug	0.000292	0.00108	0.143	0.0000116	1.52	2.7	0.0428	0.00039	5.4	0.00139	0.0119	0.000332	0.000134	0.0000776	0.109	0.00000231	0.0000799	0.000584	0.0017	
2034 Sep	0.000156	0.000966	0.0995	0.00001	1.17	1.92	0.0157	0.00052	4.37	0.00105	0.011	0.0000795	0.0000417	0.0000471	0.0786	0.000002	0.0000815	0.000259	0.00119	
2034 Oct	0.000125	0.000939	0.0897	0.0000095	1.08	1.74	0.00942	0.00055	4.1	0.000953	0.0109	0.0000219	0.0000204	0.0000385	0.071	0.0000019	0.0000823	0.000191	0.00106	
2034 Nov	0.000127	0.00095	0.0907	0.00000962	1.09	1.76	0.0095	0.000556	4.15	0.000964	0.011	0.0000218	0.0000205	0.0000389	0.0718	0.00000192	0.0000833	0.000193	0.00107	
2034 Dec	0.000127	0.000952	0.0908	0.00000963	1.09	1.76	0.00951	0.000557	4.15	0.000966	0.011	0.0000218	0.0000205	0.0000389	0.0719	0.00000193	0.0000834	0.000193	0.00107	
2035 Jan	0.000127	0.000952	0.0908	0.00000963	1.09	1.76	0.00951	0.000557	4.15	0.000966	0.011	0.0000218	0.0000205	0.0000389	0.0719	0.00000193	0.0000834	0.000193	0.00107	
2035 Feb	0.000127	0.000952	0.0908	0.00000963	1.09	1.76	0.00951	0.000557	4.15	0.000966	0.011	0.0000218	0.0000205	0.0000389	0.0719	0.00000193	0.0000835	0.000193	0.00107	
2035 Mar	0.000127	0.000953	0.0909	0.00000964	1.09	1.76	0.00952	0.000558	4.16	0.000966	0.0111	0.0000218	0.0000205	0.000039	0.0719	0.00000193	0.0000835	0.000193	0.00107	
2035 Apr	0.000128	0.000964	0.092	0.00000976	1.1	1.78	0.00964	0.000564	4.21	0.000978	0.0112	0.0000221	0.0000208	0.0000394	0.0728	0.00000195	0.0000845	0.000196	0.00108	
2035 May	0.00016	0.00103	0.104	0.0000103	1.21	2.01	0.0148	0.000579	4.6	0.00107	0.0118	0.0000667	0.0000317	0.0000459	0.0819	0.00000206	0.0000888	0.000258	0.00118	
2035 Jun	0.000256	0.000831	0.121	0.00000921	1.22	2.22	0.0397	0.000235	4.17	0.00115	0.0096	0.000318	0.000162	0.0000637	0.0883	0.00000184	0.000062	0.000616	0.00162	
2035 Jul	0.000225	0.000798	0.115	0.00000953	1.16	2.02	0.0347	0.000211	3.88	0.00113	0.00961	0.000275	0.000176	0.0000601	0.0809	0.00000191	0.0000603	0.000591	0.00173	
2035 Aug	0.000226	0.000838	0.117	0.0000101	1.21	2.08	0.0343	0.000237	4.07	0.00118	0.01	0.000269	0.000172	0.0000624	0.0836	0.00000201	0.0000632	0.000576	0.00177	
2035 Sep	0.000193	0.000795	0.104	0.00000941	1.12	1.88	0.028	0.000272	3.83	0.00107	0.00941	0.00021	0.000136	0.0000557	0.0763	0.00000188	0.0000614	0.000467	0.00154	
2035 Oct	0.000183	0.000789	0.101	0.0000092	1.09	1.83	0.0258	0.000289	3.76	0.00104	0.00933	0.000189	0.000123	0.000053	0.0741	0.00000184	0.0000618	0.000433	0.00147	
2035 Nov	0.000176	0.000775	0.0977	0.00000898	1.06	1.77	0.0244	0.000293	3.68	0.00101	0.00915	0.000176	0.000115	0.0000509	0.072	0.0000018	0.0000611	0.000411	0.00141	
2035 Dec	0.000176	0.000775	0.0978	0.00000898	1.06	1.78	0.0244	0.000293	3.68	0.00101	0.00916	0.000177	0.000115	0.0000509	0.0721	0.0000018	0.0000611	0.000411	0.00141	
2036 Jan	0.000176	0.000775	0.0978	0.00000898	1.06	1.78	0.0244	0.000293	3.68	0.00101	0.00916	0.000177	0.000115	0.0000509	0.0721	0.0000018	0.0000611	0.000411	0.00141	
2036 Feb	0.000176	0.000775	0.0978	0.00000898	1.06	1.78	0.0244	0.000293	3.68	0.00101	0.00916	0.000177	0.000115	0.0000509	0.0721	0.0000018	0.0000611	0.000411	0.00141	
2036 Mar	0.000176	0.000775	0.0978	0.00000898	1.06	1.78	0.0244	0.000293	3.68	0.00101	0.00916	0.000177	0.000115	0.000051	0.0721	0.0000018	0.0000611	0.000411	0.00141	
2036 Apr	0.000178	0.000782	0.0987	0.00000905	1.07	1.79	0.0247	0.000296	3.72	0.00102	0.00924	0.000179	0.000116	0.0000514	0.0728	0.00000181	0.0000616	0.000416	0.00142	
2036 May	0.000186	0.000811	0.103	0.00000936	1.11	1.87	0.026	0.000305	3.86	0.00105	0.00955	0.000187	0.00012	0.0000533	0.0758	0.00000187	0.0000638	0.000434	0.00147	
2036 Jun	0.00018	0.000763	0.0995	0.00000911	1.06	1.77	0.0257	0.000263	3.63	0.00103	0.00917	0.000188	0.000134	0.0000519	0.0719	0.00000182	0.0000598	0.000449	0.00151	
2036 Jul	0.000174	0.000759	0.0991	0.00000927	1.06	1.74	0.0249	0.000252	3.57	0.00103	0.00924	0.000182	0.000141	0.0000516	0.0705	0.00000185	0.0000594	0.00045	0.00156	
2036 Aug	0.000186	0.000817	0.106	0.00000997	1.13	1.86	0.0266	0.000272	3.84	0.00111	0.00992	0.000195	0.00015	0.0000554	0.0757	0.00000199	0.0000638	0.00048	0.00167	
2036 Sep	0.000184	0.000819	0.106	0.00000997	1.13	1.86	0.026	0.00028	3.85	0.00111	0.00993	0.000189	0.000146	0.0000551	0.0755	0.00000199	0.0000642	0.000469	0.00166	
2036 Oct	0.000176	0.000804	0.102	0.0000097	1.1	1.8	0.0246	0.000286	3.76	0.00107	0.00972	0.000176	0.000136	0.0000529	0.0734	0.00000194	0.0000634	0.000444	0.00158	
2036 Nov	0.000175	0.000801	0.101	0.00000964	1.1	1.79	0.0242	0.000287	3.74	0.00106	0.00968	0.000173	0.000134	0.0000524	0.0729	0.00000193	0.0000633	0.000438	0.00157	
2036 Dec	0.000174	0.000799	0.101	0.00000961	1.09	1.79	0.0241	0.000287	3.73	0.00106	0.00966	0.000172	0.000133	0.0000522	0.0727	0.00000192	0.0000632	0.000436	0.00156	
2037 Jan	0.000174	0.000799	0.101	0.00000961	1.09	1.79	0.0241	0.000287	3.73	0.00106	0.00966	0.000172	0.000133	0.0000522	0.0727	0.00000192	0.0000632	0.000436	0.00156	
2037 Feb	0.000174	0.000799	0.101	0.00000961	1.09	1.79	0.0241	0.000287	3.73	0.00106	0.00966	0.000172	0.000133	0.0000522	0.0727	0.00000192	0.0000632	0.000437	0.00156	
2037 Mar	0.000174	0.000801	0.101	0.00000963	1.09	1.79	0.0242	0.000288	3.74	0.00106	0.00967	0.000172	0.000134	0.0000523	0.0728	0.00000193	0.0000633	0.000437	0.00157	
2037 Apr	0.000175	0.000804	0.102	0.00000967	1.1	1.8	0.0243	0.000289	3.76	0.00107	0.00971	0.000173	0.000134	0.0000525	0.0731	0.00000193	0.0000635	0.000439	0.00157	
2037 May	0.000204	0.000834	0.11	0.00000973	1.16	1.97	0.0294	0.000285	3.99	0.00111	0.00986	0.00022	0.00014	0.0000573	0.0797	0.00000195	0.0000645	0.000492	0.00159	
2037 Jun	0.000228	0.000808	0.113	0.0000091	1.16	2.06	0.0345	0.000252	4	0.0011	0.00932	0.00027	0.000142	0.0000597	0.0826	0.00000182	0.0000606	0.000533	0.00152	
2037 Jul	0.000236	0.000844	0.117	0.00000954	1.21	2.14	0.0357	0.000261	4.17	0.00115	0.00974	0.000279	0.000149	0.0000622	0.0859	0.00000191	0.0000633	0.000555	0.0016	
2037 Aug	0.000246	0.000884	0.123	0.00001	1.27	2.24	0.0372	0.000274	4.36	0.0012	0.0102	0.000291	0.000155	0.000065	0.0898	0.000002	0.0000662	0.000578	0.00167	
2037 Sep	0.000251	0.000905	0.125	0.0000102	1.3	2.28	0.0377	0.000284	4.46	0.00123	0.0104	0.000294	0.000157	0.0000663	0.0917	0.00000205	0.0000679	0.000586	0.0017	
2037 Oct	0.000243	0.000891	0.122	0.00001	1.27	2.23	0.0362	0.000288	4.38	0.0012	0.0103	0.000281	0.000151	0.0000644	0.0895	0.00000201	0.0000673	0.000564	0.00166	
2037 Nov	0.000242	0.000893	0.122	0.0000101	1.27	2.23	0.0361	0.000289	4.38	0.0012	0.0103	0.00028	0.00015	0.0000643	0.0896	0.00000201	0.0000674	0.000563	0.00166	
2037 Dec	0.000243	0.000893	0.122	0.0000101	1.27	2.23	0.0361	0.00029	4.39	0.0012	0.0103	0.00028	0.00015	0.0000644	0.0896	0.00000201	0.0000675	0.000564	0.00166	
2038 Jan	0.000243	0.000893	0.122	0.0000101	1.27	2.23	0.0361	0.00029	4.39	0.0012	0.0103	0.00028	0.00015	0.0000644	0.0896	0.00000201	0.0000675	0.000564	0.00166	
2038 Feb	0.000243	0.000893	0.122	0.0000101	1.27	2.23	0.0361	0.00029	4.39	0.0012	0.0103	0.00028	0.00015	0.0000644	0.0896	0.00000201	0.0000675	0.000564	0.00166	
2038 Mar	0.000243	0.000894	0.122	0.0000101	1.27	2.23	0.0362	0.00029	4.39	0.0012	0.0103	0.00028	0.00015	0.0000644	0.0897	0.00000201	0.0000675	0.000564	0.00166	
2038 Apr	0.000243	0.000896	0.123	0.0000101	1.27	2.24	0.0363	0.000291	4.4	0.0012	0.0103	0.000281	0.000151	0.0000646	0.0899	0.00000202	0.0000677	0.000566	0.00166	
2038 May	0.000254	0.000916	0.126	0.0000103	1.31	2.31	0.0381	0.000293	4.52	0.00123	0.0105	0.000297	0.000154	0.0000667	0.0929	0.00000205	0.0000689	0.000587	0.00169	
2038 Jun	0.000275	0.000902	0.129	0.00000983	1.31	2.39	0.0422	0.00027	4.56	0.00123	0.0102	0.000337	0.000157	0.000069	0.0957	0.00000197	0.0000663	0.000623	0.00165	
2038 Jul	0.000291	0.00096	0.138	0.0000105	1.4	2.54	0.0448	0.000286	4.84	0.00131	0.0108	0.000357	0.000168	0.0000733	0.102	0.0000021	0.0000706	0.000663	0.00176	
2038 Aug	0.000305	0.00101	0.145	0.0000111	1.47	2.67	0.0469	0.000304	5.1	0.00138	0.0114	0.000374	0.000175	0.0000772	0.107	0.00000221	0.0000744	0.000693	0.00185	
2038 Sep	0.000305	0.00102	0.145	0.0000111	1.48	2.68	0.0466	0.000311	5.15	0.00138	0.0115	0.00037	0.000174	0.0000773	0.107	0.00000223	0.0000761	0.00069	0.00185	0.000000786
2038 Oct	0.0003	0.00101	0.143	0.0000111	1.47	2.66	0.0458	0.000315	5.15	0.00137	0.0114	0.000362	0.000171	0.0000765	0.106	0.00000221	0.0000773	0.000678	0.00183	0.00000184
2038 Nov	0.0003	0.00102	0.143	0.0000111	1.47	2.66	0.0458	0.000316	5.16	0.00137	0.0115	0.000363	0.000171	0.0000766	0.106	0.00000222	0.0000775	0.000679	0.00183	0.00000186
2038 Dec	0.0003	0.00102	0.143	0.0000111	1.48	2.66	0.0458	0.000316	5.16	0.00137	0.0115	0.000363	0.000171	0.0000766	0.106	0.00000222	0.0000775	0.000679	0.00183	0.00000186
2039 Jan	0.000301	0.00102	0.143	0.0000111	1.48	2.66	0.0458	0.000316	5.17	0.00137	0.0115	0.000363	0.000171	0.0000766	0.106	0.00000222	0.0000775	0.000679	0.00183	0.00000186
2039 Feb	0.000301	0.00102	0.143	0.0000111	1.48	2.66	0.0458	0.000316	5.17	0.00137	0.0115	0.000363	0.000171	0.0000766	0.106	0.00000222	0.0000775	0.000679	0.00183	0.00000186
2039 Mar	0.000301	0.00102	0.144	0.0000111	1.48	2.66	0.0459	0.000316	5.17	0.00138	0.0115	0.000363	0.000172	0.0000767	0.106	0.00000222	0.0000776	0.000679	0.00184	0.00000187
2039 Apr	0.000302	0.00102	0.144	0.0000111	1.48	2.67	0.046	0.000317	5.18	0.00138	0.0115	0.000364	0.000172	0.0000769	0.107	0.00000223	0.0000778	0.000681	0.00184	0.00000187
2039 May	0.000307	0.00104	0.146	0.0000113	1.5	2.71	0.0468	0.000322	5.27	0.0014	0.0117	0.00037	0.000175	0.0000781	0.108	0.00000226	0.0000791	0.000693	0.00187	0.0000019
2039 Jun	0.00026	0.000954	0.124	0.00000997	1.45	2.49	0.0395	0.000296	6.61	0.00135	0.029	0.000304	0.000179	0.0000762	0.0976	0.00000215	0.0000993	0.000603	0.00174	0.0000367
2039 Jul	0.000221	0.000903	0.103	0.00000863	1.46	2.36	0.0333	0.000287	8.46	0.00133	0.0496	0.000247	0.000179	0.0000771	0.0901	0.00000206	0.000127	0.000508	0.00158	0.0000787

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Aug	0.000219	0.000922	0.102	0.00000865	1.49	2.39	0.0328	0.000293	8.97	0.00136	0.0541	0.000241	0.00018	0.000079	0.0909	0.00000211	0.000134	0.000495	0.00158	0.0000872
2039 Sep	0.000222	0.000941	0.104	0.00000883	1.52	2.43	0.0332	0.000301	9.11	0.00138	0.0548	0.000244	0.000183	0.0000803	0.0926	0.00000215	0.000137	0.000502	0.00161	0.0000883
2039 Oct	0.000221	0.000939	0.104	0.00000882	1.51	2.42	0.033	0.000303	9.06	0.00137	0.0544	0.000242	0.000181	0.0000798	0.0922	0.00000214	0.000136	0.000499	0.0016	0.0000874
2039 Nov	0.000222	0.000942	0.104	0.00000885	1.52	2.43	0.0331	0.000304	9.08	0.00138	0.0545	0.000242	0.000181	0.00008	0.0924	0.00000215	0.000136	0.0005	0.0016	0.0000876
2039 Dec	0.000222	0.000942	0.104	0.00000885	1.52	2.43	0.0331	0.000304	9.08	0.00138	0.0545	0.000243	0.000181	0.00008	0.0925	0.00000215	0.000136	0.0005	0.00161	0.0000877
2040 Jan	0.000222	0.000942	0.104	0.00000885	1.52	2.43	0.0331	0.000304	9.08	0.00138	0.0545	0.000243	0.000181	0.00008	0.0925	0.00000215	0.000136	0.0005	0.00161	0.0000877
2040 Feb	0.000222	0.000942	0.104	0.00000885	1.52	2.43	0.0331	0.000304	9.08	0.00138	0.0545	0.000243	0.000182	0.00008	0.0925	0.00000215	0.000136	0.0005	0.00161	0.0000877
2040 Mar	0.000222	0.000943	0.104	0.00000886	1.52	2.43	0.0331	0.000304	9.09	0.00138	0.0546	0.000243	0.000182	0.0000801	0.0926	0.00000215	0.000136	0.0005	0.00161	0.0000877
2040 Apr	0.000222	0.000945	0.104	0.00000888	1.52	2.44	0.0332	0.000305	9.11	0.00138	0.0547	0.000243	0.000182	0.0000803	0.0928	0.00000216	0.000137	0.000502	0.00161	0.000088
2040 May	0.000228	0.00096	0.107	0.000009	1.55	2.49	0.0342	0.000308	9.22	0.0014	0.0551	0.000252	0.000185	0.0000817	0.0946	0.00000218	0.000138	0.000514	0.00163	0.0000884
2040 Jun	0.000228	0.000925	0.101	0.00000814	1.54	2.48	0.0348	0.000287	9.81	0.00138	0.0621	0.000258	0.000185	0.0000829	0.0935	0.00000208	0.000143	0.000505	0.00153	0.000101
2040 Jul	0.000227	0.000945	0.0993	0.00000811	1.59	2.54	0.0344	0.000296	10.6	0.00142	0.0692	0.000252	0.000192	0.0000859	0.095	0.00000213	0.000154	0.000501	0.00155	0.000114
2040 Aug	0.000232	0.000973	0.102	0.00000839	1.63	2.6	0.0353	0.000305	10.8	0.00146	0.0707	0.000258	0.000196	0.0000882	0.0976	0.0000022	0.000158	0.000513	0.0016	0.000116
2040 Sep	0.000233	0.000981	0.103	0.00000848	1.64	2.61	0.0353	0.00031	10.8	0.00147	0.0706	0.000258	0.000196	0.0000885	0.0981	0.00000222	0.000158	0.000512	0.00161	0.000116
2040 Oct	0.000234	0.000985	0.103	0.00000854	1.65	2.62	0.0353	0.000313	10.9	0.00148	0.0705	0.000257	0.000195	0.0000886	0.0985	0.00000223	0.000158	0.000513	0.00161	0.000116
2040 Nov	0.000234	0.000988	0.104	0.00000856	1.65	2.63	0.0354	0.000314	10.9	0.00148	0.0707	0.000258	0.000196	0.0000889	0.0987	0.00000223	0.000159	0.000514	0.00162	0.000116
2040 Dec	0.000234	0.000989	0.104	0.00000857	1.65	2.63	0.0354	0.000314	10.9	0.00148	0.0707	0.000258	0.000196	0.0000889	0.0988	0.00000223	0.000159	0.000514	0.00162	0.000116
2041 Jan	0.000234	0.000989	0.104	0.00000857	1.65	2.63	0.0354	0.000315	10.9	0.00148	0.0707	0.000258	0.000196	0.0000889	0.0988	0.00000223	0.000159	0.000514	0.00162	0.000116
2041 Feb	0.000234	0.000989	0.104	0.00000857	1.65	2.63	0.0354	0.000315	10.9	0.00148	0.0708	0.000258	0.000196	0.0000889	0.0988	0.00000223	0.000159	0.000514	0.00162	0.000116
2041 Mar	0.000234	0.000989	0.104	0.00000857	1.65	2.63	0.0354	0.000315	10.9	0.00148	0.0708	0.000258	0.000196	0.000089	0.0988	0.00000223	0.000159	0.000515	0.00162	0.000116
2041 Apr	0.000235	0.000991	0.104	0.00000859	1.66	2.64	0.0355	0.000315	10.9	0.00148	0.0709	0.000259	0.000196	0.0000891	0.099	0.00000224	0.000159	0.000516	0.00162	0.000117
2041 May	0.000238	0.001	0.105	0.00000867	1.67	2.67	0.0359	0.000318	11	0.0015	0.0715	0.000262	0.000198	0.00009	0.1	0.00000226	0.000161	0.000522	0.00164	0.000117
2041 Jun	0.000215	0.00094	0.0957	0.00000814	1.59	2.48	0.0323	0.000295	10.8	0.00143	0.0723	0.000232	0.000196	0.0000856	0.0929	0.00000217	0.000157	0.000486	0.00158	0.000119
2041 Jul	0.000184	0.000882	0.0797	0.00000705	1.55	2.34	0.0275	0.000282	11.7	0.00138	0.0833	0.000189	0.000192	0.0000838	0.0857	0.00000206	0.00017	0.000415	0.00144	0.000143
2041 Aug	0.000192	0.000921	0.0833	0.00000739	1.61	2.43	0.0286	0.000295	12.1	0.00144	0.0864	0.000196	0.000199	0.0000872	0.0893	0.00000215	0.000177	0.000431	0.0015	0.000148
2041 Sep	0.000194	0.000932	0.0844	0.00000752	1.63	2.46	0.0288	0.000301	12.2	0.00145	0.0868	0.000197	0.0002	0.000088	0.0903	0.00000217	0.000178	0.000434	0.00152	0.000148
2041 Oct	0.000193	0.000932	0.0844	0.00000754	1.62	2.45	0.0286	0.000304	12.1	0.00144	0.086	0.000195	0.000198	0.0000874	0.09	0.00000217	0.000177	0.000431	0.00151	0.000147
2041 Nov	0.000193	0.000935	0.0847	0.00000756	1.63	2.46	0.0287	0.000305	12.2	0.00145	0.0862	0.000195	0.000198	0.0000877	0.0903	0.00000218	0.000178	0.000432	0.00152	0.000147
2041 Dec	0.000193	0.000936	0.0847	0.00000757	1.63	2.46	0.0287	0.000305	12.2	0.00145	0.0862	0.000195	0.000199	0.0000877	0.0904	0.00000218	0.000178	0.000433	0.00152	0.000147
2042 Jan	0.000193	0.000936	0.0847	0.00000757	1.63	2.46	0.0287	0.000305	12.2	0.00145	0.0862	0.000195	0.000199	0.0000878	0.0904	0.00000218	0.000178	0.000433	0.00152	0.000147
2042 Feb	0.000193	0.000936	0.0847	0.00000757	1.63	2.46	0.0287	0.000305	12.2	0.00145	0.0862	0.000195	0.000199	0.0000878	0.0904	0.00000218	0.000178	0.000433	0.00152	0.000147
2042 Mar	0.000193	0.000936	0.0848	0.00000757	1.63	2.46	0.0287	0.000306	12.2	0.00145	0.0863	0.000195	0.000199	0.0000878	0.0904	0.00000218	0.000178	0.000433	0.00152	0.000147
2042 Apr	0.000194	0.000941	0.0852	0.00000761	1.64	2.47	0.0288	0.000307	12.2	0.00146	0.0867	0.000196	0.0002	0.0000882	0.0909	0.00000219	0.000179	0.000435	0.00153	0.000148
2042 May	0.000199	0.000959	0.087	0.00000776	1.67	2.52	0.0295	0.000313	12.4	0.00148	0.0882	0.000201	0.000203	0.0000899	0.0927	0.00000223	0.000182	0.000444	0.00156	0.00015
2042 Jun	0.000188	0.000918	0.0833	0.00000756	1.6	2.4	0.0279	0.000294	11.9	0.00143	0.0849	0.000189	0.000201	0.0000862	0.0883	0.00000217	0.000174	0.000432	0.00154	0.000144
2042 Jul	0.000179	0.000899	0.0797	0.00000736	1.57	2.33	0.0264	0.000286	11.9	0.0014	0.0856	0.000177	0.000199	0.0000845	0.0856	0.00000214	0.000172	0.000414	0.00151	0.000145
2042 Aug	0.00017	0.000884	0.0754	0.00000709	1.55	2.29	0.0249	0.000289	12	0.00138	0.087	0.000164	0.000191	0.0000836	0.0838	0.0000021	0.000174	0.000383	0.00144	0.000148
2042 Sep	0.000165	0.000879	0.0723	0.00000687	1.55	2.27	0.024	0.000296	12.2	0.00137	0.0894	0.000154	0.000186	0.0000837	0.0831	0.00000208	0.000177	0.000363	0.0014	0.000153
2042 Oct	0.000162	0.000874	0.0702	0.0000067	1.55	2.26	0.0234	0.0003	12.3	0.00137	0.0907	0.000148	0.000183	0.0000834	0.0823	0.00000206	0.00018	0.000351	0.00137	0.000157
2042 Nov	0.000162	0.000877	0.0704	0.00000672	1.55	2.27	0.0234	0.000301	12.4	0.00137	0.0911	0.000148	0.000184	0.0000837	0.0826	0.00000207	0.000181	0.000352	0.00137	0.000158
2042 Dec	0.000162	0.000878	0.0704	0.00000672	1.56	2.27	0.0234	0.000301	12.4	0.00137	0.0911	0.000148	0.000184	0.0000837	0.0826	0.00000207	0.000181	0.000352	0.00137	0.000158
2043 Jan	0.000162	0.000878	0.0704	0.00000672	1.56	2.27	0.0234	0.000301	12.4	0.00137	0.0911	0.000148	0.000184	0.0000837	0.0826	0.00000207	0.000181	0.000352	0.00137	0.000158
2043 Feb	0.000162	0.000878	0.0704	0.00000672	1.56	2.27	0.0234	0.000301	12.4	0.00137	0.0911	0.000148	0.000184	0.0000837	0.0826	0.00000207	0.000181	0.000352	0.00137	0.000158
2043 Mar	0.000162	0.000878	0.0704	0.00000672	1.56	2.27	0.0234	0.000301	12.4	0.00137	0.0911	0.000148	0.000184	0.0000838	0.0827	0.00000207	0.000181	0.000352	0.00137	0.000158
2043 Apr	0.000163	0.000882	0.0707	0.00000675	1.56	2.28	0.0235	0.000302	12.5	0.00138	0.0916	0.000149	0.000185	0.0000841	0.083	0.00000208	0.000181	0.000354	0.00138	0.000159
2043 May	0.000169	0.0009	0.0729	0.00000689	1.6	2.34	0.0244	0.000307	12.7	0.00141	0.0929	0.000156	0.000188	0.000086	0.0851	0.00000212	0.000184	0.000365	0.0014	0.000161
2043 Jun	0.000181	0.000887	0.0739	0.00000651	1.6	2.38	0.0269	0.000293	12.7	0.0014	0.0926	0.00018	0.000189	0.0000871	0.0865	0.00000204	0.000184	0.000386	0.00136	0.000162
2043 Jul	0.000186	0.000925	0.0761	0.00000676	1.67	2.48	0.0277	0.000306	13.4	0.00146	0.0978	0.000184	0.000198	0.0000911	0.0899	0.00000214	0.000194	0.000398	0.00142	0.000172
2043 Aug	0.000194	0.000966	0.0795	0.00000709	1.74	2.58	0.0288	0.00032	13.9	0.00152	0.101	0.000191	0.000205	0.0000949	0.0937	0.00000223	0.000202	0.000413	0.00148	0.000179
2043 Sep	0.000194	0.000971	0.08	0.00000718	1.74	2.59	0.0287	0.000325	13.9	0.00153	0.101	0.00019	0.000204	0.0000949	0.0941	0.00000224	0.000202	0.000412	0.00148	0.000178
2043 Oct	0.000192	0.000967	0.0799	0.0000072	1.72	2.56	0.0282	0.000328	13.7	0.00151	0.0988	0.000186	0.0002	0.0000935	0.0932	0.00000223	0.000199	0.000406	0.00147	0.000173
2043 Nov	0.00019	0.000963	0.0798	0.0000072	1.71	2.54	0.0278	0.00033	13.5	0.0015	0.0972	0.000183	0.000197	0.0000924	0.0926	0.00000222	0.000196	0.000402	0.00146	0.00017
2043 Dec	0.00019	0.000963	0.0798	0.0000072	1.71	2.54	0.0279	0.00033	13.5	0.0015	0.0972	0.000183	0.000197	0.0000924	0.0926	0.00000222	0.000196	0.000402	0.00146	0.00017
2044 Jan	0.00019	0.000963	0.0798	0.0000072	1.71	2.54	0.0279	0.00033	13.5	0.0015	0.0973	0.000183	0.000197	0.0000924	0.0926	0.00000222	0.000196	0.000402	0.00146	0.00017
2044 Feb	0.00019	0.000963	0.0798	0.00000721	1.71	2.54	0.0279	0.00033	13.5	0.0015	0.0973	0.000183	0.000197	0.0000924	0.0927	0.00000222	0.000196	0.000402	0.00146	0.00017
2044 Mar	0.00019	0.000964	0.0799	0.00000721	1.71	2.55	0.0279	0.000331	13.5	0.0015	0.0974	0.000183	0.000197	0.0000925	0.0928	0.00000222	0.000197	0.000402	0.00146	0.000171
2044 Apr	0.000191	0.000966	0.0801	0.00000723	1.72	2.55	0.028	0.000331	13.5	0.0015	0.0976	0.000184	0.000198	0.0000927	0.0929	0.00000222	0.000197	0.000403	0.00147	0.000171
2044 May	0.000194	0.000981	0.0814	0.00000734	1.74	2.59	0.0284	0.000336	13.7	0.00153	0.099	0.000187	0.000201	0.0000941	0.0944	0.00000226	0.0002	0.00041	0.00149	0.000173
2044 Jun	0.000177	0.000903	0.0739	0.00000673	1.62	2.39	0.0261	0.000302	12.9	0.00142	0.0941	0.000171	0.000194	0.0000879	0.0868	0.0000021	0.000188	0.000385	0.00141	0.000166
2044 Jul	0.000174	0.000917	0.072	0.00000667	1.66	2.43	0.0256	0.000307	13.6	0.00146	0.0999	0.000165	0.0002	0.0000902	0.0876	0.00000215	0.000198	0.000381	0.00142	0.000177
2044 Aug	0.000185	0.000971	0.0764	0.00000708	1.76	2.57	0.0271	0.000326	14.4	0.00154	0.106	0.000174	0.000211	0.0000955	0.0928	0.00000227	0.000209	0.000403	0.00151	0.000187
2044 Sep	0.00018	0.000955	0.0754	0.00000707	1.72	2.51	0.0263	0.000326	13.9	0.00151	0.101	0.000167	0.000203	0.0000929	0.0909	0.00000224	0.000202	0.00039	0.00148	0.00018
2044 Oct	0.000178	0.000949	0.0752	0.00000707	1.7	2.48	0.0258	0.000328	13.6	0.00149	0.0994	0.000164	0.000199	0.0000915	0.0901	0.00000222	0.000199	0.000384	0.00146	0.000176
2044 Nov	0.000178	0.00095	0.0754	0.00000708	1.7	2.48	0.0258	0.000329	13.6	0.00149	0.0992	0.000163	0.000199	0.0000914	0.0901	0.00000222	0.000199	0.000384	0.00146	0.000175
2044 Dec	0.000178	0.00095	0.0754	0.00000709	1.7	2.48	0.0258	0.00033	13.6	0.00149	0.0992	0.000164	0.000199	0.0000915	0.0902	0.00000222	0.000199	0.000384	0.00146	0.000175
2045 Jan	0.000178	0.00095	0.0754	0.00000709	1.7	2.48	0.0258	0.00033	13.6	0.00149	0.0992	0.000164	0.000199	0.0000915	0.0902	0.00000222	0.000199	0.000384	0.00146	0.000175
2045 Feb	0.000178	0.00095	0.0754	0.00000709	1.7	2.48	0.0258	0.00033	13.6	0.00149	0.0992	0.000164	0.000199	0.0000915	0.0902	0.00000222	0.000199	0.000384	0.00146	0.000175

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Mar	0.000178	0.000951	0.0754	0.00000709	1.7	2.49	0.0258	0.00033	13.6	0.00149	0.0993	0.000164	0.000199	0.0000915	0.0902	0.00000222	0.000199	0.000384	0.00146	0.000175
2045 Apr	0.000179	0.000953	0.0756	0.00000711	1.7	2.49	0.0259	0.00033	13.7	0.00149	0.0995	0.000164	0.000199	0.0000917	0.0904	0.00000223	0.0002	0.000385	0.00147	0.000176
2045 May	0.000181	0.000966	0.0766	0.0000072	1.73	2.53	0.0262	0.000335	13.9	0.00151	0.101	0.000166	0.000202	0.000093	0.0917	0.00000226	0.000202	0.00039	0.00149	0.000178
2045 Jun	0.000169	0.000919	0.0725	0.00000696	1.64	2.39	0.0245	0.000313	13.2	0.00145	0.0969	0.000154	0.000199	0.0000886	0.0866	0.00000218	0.000193	0.000377	0.00146	0.000171
2045 Jul	0.000166	0.00092	0.0712	0.00000693	1.65	2.38	0.024	0.00031	13.5	0.00146	0.0994	0.000149	0.000203	0.0000892	0.0863	0.0000022	0.000195	0.000376	0.00148	0.000175
2045 Aug	0.000172	0.000953	0.0738	0.0000072	1.71	2.46	0.0248	0.000322	13.9	0.00151	0.102	0.000153	0.00021	0.0000922	0.0893	0.00000228	0.000202	0.000387	0.00153	0.00018
2045 Sep	0.000172	0.000958	0.0744	0.00000729	1.71	2.47	0.0247	0.000326	13.8	0.00151	0.102	0.000153	0.000209	0.0000922	0.0896	0.00000229	0.000201	0.000386	0.00153	0.000179
2045 Oct	0.000173	0.000964	0.0749	0.00000734	1.72	2.48	0.0248	0.000329	13.9	0.00152	0.102	0.000153	0.000209	0.0000926	0.0901	0.0000023	0.000202	0.000388	0.00154	0.000179
2045 Nov	0.000173	0.000966	0.0751	0.00000736	1.72	2.49	0.0249	0.00033	13.9	0.00152	0.102	0.000154	0.00021	0.0000928	0.0903	0.00000231	0.000203	0.000389	0.00154	0.00018
2045 Dec	0.000173	0.000967	0.0751	0.00000736	1.73	2.49	0.0249	0.00033	13.9	0.00152	0.102	0.000154	0.00021	0.0000929	0.0904	0.00000231	0.000203	0.000389	0.00155	0.00018
2046 Jan	0.000173	0.000967	0.0752	0.00000736	1.73	2.49	0.0249	0.00033	13.9	0.00152	0.102	0.000154	0.00021	0.0000929	0.0904	0.00000231	0.000203	0.000389	0.00155	0.00018
2046 Feb	0.000173	0.000967	0.0752	0.00000736	1.73	2.49	0.0249	0.00033	13.9	0.00152	0.103	0.000154	0.00021	0.0000929	0.0904	0.00000231	0.000203	0.000389	0.00155	0.00018
2046 Mar	0.000174	0.000968	0.0752	0.00000737	1.73	2.49	0.0249	0.000331	14	0.00153	0.103	0.000154	0.00021	0.000093	0.0905	0.00000231	0.000203	0.000389	0.00155	0.00018
2046 Apr	0.000174	0.000972	0.0756	0.00000741	1.74	2.5	0.0251	0.000332	14	0.00153	0.103	0.000155	0.000211	0.0000934	0.0909	0.00000232	0.000204	0.000391	0.00155	0.000181
2046 May	0.000177	0.000987	0.0768	0.00000752	1.76	2.54	0.0255	0.000337	14.2	0.00156	0.105	0.000157	0.000214	0.0000948	0.0923	0.00000236	0.000207	0.000398	0.00158	0.000184
2046 Jun	0.000163	0.000917	0.0714	0.00000708	1.64	2.36	0.0236	0.000306	13.3	0.00146	0.0975	0.000145	0.000207	0.0000885	0.0855	0.00000222	0.000193	0.000379	0.00151	0.000172
2046 Jul	0.000149	0.00087	0.0644	0.0000065	1.58	2.24	0.0215	0.00029	13.2	0.0014	0.0975	0.000129	0.0002	0.0000855	0.0806	0.00000211	0.000193	0.000349	0.00142	0.000176
2046 Aug	0.000154	0.000901	0.0668	0.00000678	1.64	2.32	0.0222	0.000302	13.6	0.00145	0.1	0.000133	0.000206	0.0000883	0.0834	0.00000219	0.000199	0.000359	0.00147	0.000181
2046 Sep	0.000152	0.00089	0.0664	0.00000677	1.61	2.28	0.0217	0.000303	13.2	0.00142	0.097	0.000129	0.0002	0.0000864	0.0822	0.00000216	0.000194	0.000349	0.00145	0.000174
2046 Oct	0.000149	0.000881	0.0651	0.00000665	1.59	2.25	0.0211	0.000305	13.1	0.0014	0.096	0.000124	0.000194	0.000085	0.0811	0.00000213	0.000192	0.000338	0.00141	0.000173
2046 Nov	0.000149	0.000882	0.0648	0.00000662	1.59	2.25	0.021	0.000306	13.1	0.0014	0.0964	0.000124	0.000193	0.0000851	0.0811	0.00000213	0.000192	0.000337	0.00141	0.000173
2046 Dec	0.000149	0.000882	0.0649	0.00000662	1.59	2.25	0.021	0.000306	13.1	0.0014	0.0964	0.000124	0.000194	0.0000851	0.0812	0.00000213	0.000192	0.000337	0.00141	0.000173
2047 Jan	0.000149	0.000882	0.0649	0.00000662	1.59	2.25	0.021	0.000306	13.1	0.0014	0.0964	0.000124	0.000194	0.0000851	0.0812	0.00000213	0.000192	0.000337	0.00141	0.000173
2047 Feb	0.000149	0.000882	0.0649	0.00000663	1.59	2.25	0.021	0.000306	13.1	0.0014	0.0964	0.000124	0.000194	0.0000851	0.0812	0.00000213	0.000192	0.000337	0.00141	0.000173
2047 Mar	0.000149	0.000884	0.065	0.00000664	1.59	2.25	0.0211	0.000307	13.1	0.0014	0.0966	0.000124	0.000194	0.0000853	0.0813	0.00000213	0.000193	0.000337	0.00141	0.000174
2047 Apr	0.000149	0.000886	0.0651	0.00000665	1.59	2.26	0.0211	0.000308	13.2	0.0014	0.0968	0.000124	0.000194	0.0000855	0.0815	0.00000214	0.000193	0.000338	0.00141	0.000174
2047 May	0.000155	0.000896	0.067	0.0000067	1.61	2.3	0.0222	0.000309	13.3	0.00142	0.0972	0.000133	0.000196	0.0000868	0.0832	0.00000215	0.000194	0.000349	0.00142	0.000175
2047 Jun	0.000171	0.000879	0.0681	0.00000614	1.62	2.37	0.0254	0.000294	13.3	0.0014	0.0963	0.000165	0.000193	0.0000882	0.0851	0.00000204	0.000195	0.000369	0.00134	0.000178
2047 Jul	0.000179	0.00092	0.0716	0.00000649	1.69	2.47	0.0265	0.000307	13.9	0.00147	0.1	0.000172	0.000203	0.0000921	0.0889	0.00000214	0.000203	0.000388	0.00141	0.000185
2047 Aug	0.000187	0.000961	0.0748	0.0000068	1.76	2.58	0.0276	0.000321	14.5	0.00153	0.104	0.000179	0.000211	0.0000961	0.0928	0.00000224	0.000212	0.000404	0.00147	0.000192
2047 Sep	0.000184	0.000955	0.0746	0.00000684	1.74	2.55	0.0271	0.000324	14.2	0.00151	0.102	0.000174	0.000206	0.0000946	0.0919	0.00000222	0.000208	0.000396	0.00146	0.000187
2047 Oct	0.000181	0.000943	0.074	0.00000681	1.71	2.5	0.0264	0.000325	13.8	0.00149	0.0988	0.000169	0.0002	0.0000924	0.0904	0.00000219	0.000203	0.000387	0.00143	0.000181
2047 Nov	0.00018	0.000942	0.074	0.00000681	1.7	2.49	0.0263	0.000325	13.8	0.00148	0.0983	0.000169	0.000199	0.0000921	0.0902	0.00000219	0.000202	0.000386	0.00143	0.00018
2047 Dec	0.000181	0.000943	0.0741	0.00000682	1.7	2.5	0.0264	0.000325	13.8	0.00148	0.0983	0.000169	0.000199	0.0000921	0.0903	0.00000219	0.000202	0.000386	0.00143	0.00018
2048 Jan	0.000181	0.000943	0.0741	0.00000682	1.7	2.5	0.0264	0.000325	13.8	0.00148	0.0984	0.000169	0.000199	0.0000921	0.0903	0.00000219	0.000202	0.000386	0.00143	0.00018
2048 Feb	0.000181	0.000943	0.0741	0.00000682	1.71	2.5	0.0264	0.000326	13.8	0.00148	0.0984	0.000169	0.000199	0.0000922	0.0903	0.00000219	0.000202	0.000386	0.00143	0.00018
2048 Mar	0.000181	0.000943	0.0741	0.00000682	1.71	2.5	0.0264	0.000326	13.8	0.00148	0.0984	0.000169	0.000199	0.0000922	0.0903	0.00000219	0.000202	0.000386	0.00143	0.00018
2048 Apr	0.000181	0.000946	0.0744	0.00000684	1.71	2.51	0.0265	0.000327	13.8	0.00149	0.0987	0.000169	0.0002	0.0000925	0.0906	0.0000022	0.000203	0.000388	0.00144	0.000181
2048 May	0.000184	0.000961	0.0755	0.00000695	1.74	2.55	0.0269	0.000332	14	0.00151	0.1	0.000172	0.000203	0.0000939	0.0921	0.00000223	0.000206	0.000394	0.00146	0.000184
2048 Jun	0.000165	0.000895	0.0682	0.00000647	1.64	2.36	0.0241	0.000306	13.4	0.00143	0.0962	0.000151	0.000197	0.0000884	0.085	0.00000211	0.000199	0.000365	0.00139	0.000179
2048 Jul	0.000152	0.000862	0.0621	0.00000607	1.6	2.27	0.0221	0.000295	13.5	0.00139	0.0971	0.000134	0.000196	0.0000866	0.081	0.00000205	0.000202	0.00034	0.00135	0.000186
2048 Aug	0.000154	0.00088	0.0638	0.00000629	1.63	2.31	0.0223	0.000303	13.6	0.00142	0.0974	0.000135	0.000197	0.0000877	0.0824	0.0000021	0.000204	0.000342	0.00137	0.000186
2048 Sep	0.000154	0.000881	0.0642	0.00000636	1.62	2.3	0.0222	0.000306	13.4	0.00141	0.0963	0.000134	0.000195	0.0000874	0.0825	0.0000021	0.000202	0.000339	0.00137	0.000184
2048 Oct	0.000152	0.000876	0.0638	0.00000634	1.61	2.28	0.0218	0.000308	13.3	0.0014	0.0949	0.000131	0.000191	0.0000862	0.0818	0.00000208	0.0002	0.000334	0.00136	0.000181
2048 Nov	0.000152	0.000877	0.0638	0.00000634	1.61	2.28	0.0218	0.000309	13.3	0.0014	0.0949	0.00013	0.00019	0.0000862	0.0818	0.00000208	0.0002	0.000333	0.00135	0.000181
2048 Dec	0.000152	0.000878	0.0638	0.00000634	1.61	2.28	0.0218	0.000309	13.3	0.0014	0.0949	0.00013	0.00019	0.0000862	0.0818	0.00000208	0.0002	0.000333	0.00135	0.000181
2049 Jan	0.000152	0.000878	0.0638	0.00000634	1.61	2.28	0.0218	0.000309	13.3	0.0014	0.0949	0.00013	0.00019	0.0000862	0.0818	0.00000208	0.0002	0.000333	0.00135	0.000181
2049 Feb	0.000152	0.000878	0.0638	0.00000634	1.61	2.28	0.0218	0.000309	13.3	0.0014	0.0949	0.00013	0.00019	0.0000862	0.0818	0.00000208	0.0002	0.000333	0.00135	0.000181
2049 Mar	0.000152	0.000878	0.0639	0.00000635	1.61	2.28	0.0218	0.00031	13.3	0.0014	0.095	0.00013	0.000191	0.0000863	0.0819	0.00000209	0.0002	0.000334	0.00135	0.000181
2049 Apr	0.000153	0.000881	0.0641	0.00000637	1.61	2.29	0.0219	0.000311	13.3	0.0014	0.0953	0.000131	0.000191	0.0000866	0.0822	0.00000209	0.000201	0.000335	0.00136	0.000181
2049 May	0.000156	0.000895	0.0652	0.00000647	1.64	2.33	0.0223	0.000315	13.5	0.00142	0.0966	0.000134	0.000194	0.0000879	0.0835	0.00000212	0.000203	0.000341	0.00138	0.000184
2049 Jun	0.000143	0.000835	0.0594	0.00000598	1.55	2.18	0.0206	0.00029	12.9	0.00135	0.0926	0.000122	0.000189	0.0000833	0.0778	0.000002	0.000196	0.000322	0.00131	0.000179
2049 Jul	0.000138	0.000828	0.0566	0.00000579	1.56	2.17	0.0199	0.000288	13.2	0.00135	0.0944	0.000115	0.000191	0.0000837	0.0768	0.00000199	0.000203	0.000312	0.0013	0.000187
2049 Aug	0.000145	0.000873	0.0599	0.00000613	1.64	2.28	0.0209	0.000304	13.9	0.00142	0.0993	0.000121	0.000201	0.0000882	0.081	0.0000021	0.000213	0.000328	0.00137	0.000197
2049 Sep	0.000144	0.00087	0.0601	0.00000619	1.62	2.26	0.0206	0.000308	13.6	0.00141	0.097	0.000118	0.000196	0.0000869	0.0804	0.00000209	0.000209	0.000323	0.00136	0.000192
2049 Oct	0.000142	0.000863	0.0601	0.00000619	1.6	2.23	0.0202	0.000309	13.3	0.00138	0.0943	0.000115	0.000191	0.0000851	0.0795	0.00000207	0.000205	0.000317	0.00134	0.000186
2049 Nov	0.000142	0.000864	0.0602	0.00000621	1.6	2.23	0.0201	0.00031	13.3	0.00138	0.0941	0.000115	0.00019	0.000085	0.0795	0.00000207	0.000204	0.000317	0.00134	0.000186
2049 Dec	0.000142	0.000864	0.0603	0.00000621	1.6	2.23	0.0201	0.000311	13.3	0.00138	0.0942	0.000115	0.00019	0.0000851	0.0795	0.00000207	0.000205	0.000317	0.00134	0.000186
2050 Jan	0.000142	0.000864	0.0603	0.00000621	1.6	2.23	0.0201	0.000311	13.3	0.00138	0.0942	0.000115	0.00019	0.0000851	0.0795	0.00000207	0.000205	0.000317	0.00134	0.000186
2050 Feb	0.000142	0.000864	0.0603	0.00000621	1.6	2.23	0.0201	0.000311	13.3	0.00138	0.0942	0.000115	0.00019	0.0000851	0.0795	0.00000207	0.000205	0.000317	0.00134	0.000186
2050 Mar	0.000142	0.000864	0.0603	0.00000621	1.6	2.23	0.0201	0.000311	13.3	0.00138	0.0942	0.000115	0.00019	0.0000851	0.0795	0.00000207	0.000205	0.000317	0.00134	0.000186
2050 Apr	0.000143	0.000867	0.0604	0.00000623	1.6	2.24	0.0202	0.000312	13.4	0.00139	0.0945	0.000115	0.000191	0.0000853	0.0798	0.00000207	0.000205	0.000318	0.00134	0.000186
2050 May	0.000145	0.000878	0.0613	0.00000631	1.62	2.26	0.0205	0.000315	13.5	0.00141	0.0956	0.000117	0.000193	0.0000864	0.0808	0.0000021	0.000208	0.000323	0.00136	0.000189
2050 Jun	0.000143	0.000842	0.06	0.00000609	1.56	2.19	0.0205	0.000296	13	0.00136	0.0913	0.000121	0.000191	0.0000837	0.0782	0.00000202	0.000199	0.000325	0.00133	0.000181
2050 Jul	0.000135	0.000816	0.0562	0.00000578	1.53	2.12	0.0193	0.000286	12.9	0.00132	0.0905	0.000112	0.000187	0.0000819	0.0754	0.00000197	0.000199	0.000306	0.00128	0.000182
2050 Aug	0.000139	0.000843	0.0584	0.00000601	1.58	2.19	0.0199	0.000295	13.2	0.00136	0.0929	0.000115	0.000192	0.0000843	0.0778	0.00000203	0.000204	0.000314	0.00132	0.000187
2050 Sep	0.000139	0.000847	0.0589	0.00000609	1.57	2.19	0.0198	0.000299	13.1	0.00136	0.0921	0.000114	0.000191	0.0000841	0.078	0.00000204	0.000203	0.000313	0.00133	0.000185

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Oct	0.00014	0.000854	0.0595	0.00000615	1.59	2.2	0.0199	0.000303	13.2	0.00137	0.0926	0.000115	0.000192	0.0000846	0.0786	0.00000206	0.000204	0.000315	0.00134	0.000186
2050 Nov	0.000141	0.000857	0.0597	0.00000617	1.59	2.21	0.02	0.000304	13.3	0.00138	0.0929	0.000115	0.000192	0.0000849	0.0789	0.00000206	0.000205	0.000316	0.00134	0.000187
2050 Dec	0.000141	0.000858	0.0597	0.00000618	1.59	2.21	0.02	0.000304	13.3	0.00138	0.0929	0.000115	0.000192	0.000085	0.0789	0.00000207	0.000205	0.000316	0.00134	0.000187
2051 Jan	0.000141	0.000858	0.0597	0.00000618	1.59	2.21	0.02	0.000304	13.3	0.00138	0.093	0.000115	0.000192	0.000085	0.0789	0.00000207	0.000205	0.000316	0.00134	0.000187
2051 Feb	0.000141	0.000858	0.0597	0.00000618	1.59	2.21	0.02	0.000304	13.3	0.00138	0.093	0.000115	0.000192	0.000085	0.0789	0.00000207	0.000205	0.000316	0.00134	0.000187
2051 Mar	0.000141	0.000858	0.0598	0.00000618	1.59	2.21	0.02	0.000304	13.3	0.00138	0.093	0.000115	0.000192	0.000085	0.0789	0.00000207	0.000205	0.000316	0.00134	0.000187
2051 Apr	0.000141	0.000862	0.06	0.0000062	1.6	2.22	0.0201	0.000305	13.3	0.00139	0.0934	0.000116	0.000193	0.0000854	0.0793	0.00000208	0.000206	0.000318	0.00135	0.000188
2051 May	0.000145	0.000876	0.0615	0.00000631	1.62	2.26	0.0207	0.000309	13.5	0.00141	0.0944	0.000121	0.000196	0.0000868	0.0808	0.00000211	0.000208	0.000326	0.00137	0.00019
2051 Jun	0.000147	0.000819	0.0594	0.00000573	1.55	2.18	0.0217	0.000283	12.8	0.00133	0.0883	0.000134	0.000188	0.0000835	0.0779	0.00000195	0.000199	0.000329	0.00128	0.000182
2051 Jul	0.000143	0.000824	0.0565	0.00000557	1.59	2.21	0.021	0.00029	13.4	0.00135	0.0921	0.000126	0.000192	0.0000854	0.078	0.00000196	0.000211	0.000318	0.00127	0.000195
2051 Aug	0.000145	0.000838	0.058	0.00000576	1.6	2.23	0.0211	0.000296	13.4	0.00137	0.0919	0.000126	0.000192	0.0000861	0.0791	0.000002	0.000211	0.000318	0.00128	0.000194
2051 Sep	0.000142	0.00083	0.0574	0.00000574	1.57	2.19	0.0205	0.0003	13.1	0.00134	0.0896	0.000121	0.000185	0.0000843	0.078	0.00000197	0.000207	0.000308	0.00126	0.000189
2051 Oct	0.000134	0.000809	0.054	0.00000544	1.53	2.12	0.019	0.000305	12.8	0.0013	0.0874	0.000108	0.000173	0.0000812	0.0755	0.0000019	0.000203	0.000282	0.00118	0.000186
2051 Nov	0.000134	0.00081	0.0539	0.00000544	1.53	2.13	0.019	0.000307	12.8	0.0013	0.0876	0.000108	0.000173	0.0000813	0.0756	0.00000191	0.000204	0.00028	0.00117	0.000186
2051 Dec	0.000134	0.000811	0.0539	0.00000544	1.53	2.13	0.019	0.000307	12.8	0.0013	0.0876	0.000108	0.000173	0.0000813	0.0756	0.00000191	0.000204	0.00028	0.00117	0.000187
2052 Jan	0.000134	0.000811	0.0539	0.00000544	1.53	2.13	0.019	0.000307	12.8	0.0013	0.0876	0.000108	0.000173	0.0000813	0.0756	0.00000191	0.000204	0.00028	0.00117	0.000187
2052 Feb	0.000134	0.000811	0.0539	0.00000544	1.53	2.13	0.019	0.000307	12.9	0.0013	0.0876	0.000108	0.000173	0.0000813	0.0756	0.00000191	0.000204	0.00028	0.00117	0.000187
2052 Mar	0.000134	0.000812	0.054	0.00000544	1.53	2.13	0.019	0.000308	12.9	0.0013	0.0877	0.000108	0.000173	0.0000814	0.0757	0.00000191	0.000204	0.000281	0.00117	0.000187
2052 Apr	0.000135	0.000813	0.0541	0.00000546	1.54	2.13	0.019	0.000308	12.9	0.0013	0.0879	0.000108	0.000174	0.0000816	0.0759	0.00000191	0.000205	0.000281	0.00118	0.000187
2052 May	0.000141	0.000825	0.0564	0.00000555	1.56	2.18	0.0201	0.00031	13	0.00132	0.088	0.000117	0.000176	0.0000829	0.0776	0.00000193	0.000205	0.000294	0.00119	0.000187
2052 Jun	0.000154	0.000829	0.0596	0.00000552	1.58	2.24	0.0225	0.000303	12.9	0.00133	0.0866	0.00014	0.000179	0.0000846	0.08	0.00000192	0.000205	0.00032	0.0012	0.000187
2052 Jul	0.000153	0.000841	0.0609	0.0000057	1.59	2.25	0.0224	0.000305	13	0.00134	0.0864	0.000139	0.000181	0.000085	0.0805	0.00000195	0.000206	0.00032	0.00122	0.000187
2052 Aug	0.000156	0.000859	0.0625	0.00000589	1.62	2.29	0.0228	0.000313	13.1	0.00137	0.0873	0.000141	0.000183	0.0000865	0.082	0.000002	0.000209	0.000324	0.00125	0.000188
2052 Sep	0.000155	0.000859	0.0627	0.00000594	1.61	2.28	0.0225	0.000317	13	0.00136	0.0862	0.000139	0.00018	0.0000858	0.0818	0.000002	0.000207	0.000319	0.00125	0.000185
2052 Oct	0.000154	0.00086	0.0623	0.00000593	1.61	2.28	0.0223	0.000319	13	0.00136	0.0863	0.000137	0.000179	0.0000856	0.0817	0.000002	0.000207	0.000316	0.00124	0.000186
2052 Nov	0.000155	0.000863	0.0625	0.00000595	1.61	2.29	0.0223	0.00032	13	0.00136	0.0865	0.000137	0.000179	0.0000859	0.082	0.000002	0.000208	0.000317	0.00124	0.000186
2052 Dec	0.000155	0.000863	0.0626	0.00000595	1.61	2.29	0.0224	0.000321	13.1	0.00137	0.0866	0.000137	0.000179	0.0000859	0.082	0.000002	0.000208	0.000317	0.00124	0.000186
2053 Jan	0.000155	0.000863	0.0626	0.00000595	1.61	2.29	0.0224	0.000321	13.1	0.00137	0.0866	0.000137	0.000179	0.000086	0.082	0.000002	0.000208	0.000317	0.00124	0.000186
2053 Feb	0.000155	0.000863	0.0626	0.00000595	1.61	2.29	0.0224	0.000321	13.1	0.00137	0.0866	0.000137	0.000179	0.000086	0.0821	0.00000201	0.000208	0.000317	0.00124	0.000186
2053 Mar	0.000155	0.000865	0.0627	0.00000596	1.62	2.29	0.0224	0.000321	13.1	0.00137	0.0867	0.000137	0.00018	0.0000861	0.0822	0.00000201	0.000208	0.000318	0.00124	0.000187
2053 Apr	0.000156	0.000868	0.0629	0.00000599	1.62	2.3	0.0225	0.000322	13.1	0.00137	0.0871	0.000138	0.00018	0.0000865	0.0825	0.00000202	0.000209	0.000319	0.00125	0.000187
2053 May	0.000169	0.000883	0.0668	0.00000606	1.65	2.38	0.0247	0.000322	13.2	0.00139	0.0867	0.000158	0.000183	0.0000884	0.0855	0.00000203	0.000208	0.000343	0.00127	0.000186
2053 Jun	0.000176	0.000848	0.066	0.00000555	1.62	2.37	0.0265	0.000303	12.9	0.00136	0.0839	0.000177	0.000181	0.0000879	0.0851	0.00000192	0.000206	0.000355	0.0012	0.000185
2053 Jul	0.000178	0.000874	0.0667	0.0000057	1.68	2.44	0.0268	0.000315	13.5	0.00141	0.0875	0.000177	0.000188	0.0000911	0.0874	0.00000199	0.000217	0.000361	0.00124	0.000196
2053 Aug	0.000185	0.000913	0.0698	0.00000599	1.75	2.54	0.0279	0.00033	14	0.00147	0.0909	0.000184	0.000196	0.0000949	0.0911	0.00000208	0.000225	0.000375	0.00129	0.000203
2053 Sep	0.000191	0.00094	0.0719	0.00000618	1.8	2.62	0.0287	0.00034	14.4	0.00151	0.0934	0.000189	0.000201	0.0000976	0.0938	0.00000214	0.000231	0.000386	0.00133	0.000209
2053 Oct	0.000192	0.000947	0.0725	0.00000624	1.82	2.63	0.0289	0.000343	14.5	0.00152	0.0938	0.00019	0.000202	0.0000982	0.0944	0.00000216	0.000233	0.000388	0.00134	0.00021
2053 Nov	0.000192	0.000947	0.0726	0.00000625	1.81	2.63	0.0288	0.000344	14.5	0.00152	0.0936	0.000189	0.000202	0.0000981	0.0944	0.00000216	0.000232	0.000388	0.00134	0.000209
2053 Dec	0.000192	0.000948	0.0726	0.00000625	1.82	2.63	0.0288	0.000344	14.5	0.00152	0.0936	0.000189	0.000202	0.0000981	0.0944	0.00000216	0.000233	0.000388	0.00134	0.000209
2054 Jan	0.000192	0.000948	0.0726	0.00000625	1.82	2.63	0.0288	0.000344	14.5	0.00152	0.0937	0.000189	0.000202	0.0000981	0.0944	0.00000216	0.000233	0.000388	0.00134	0.000209
2054 Feb	0.000192	0.000948	0.0726	0.00000625	1.82	2.63	0.0288	0.000344	14.5	0.00152	0.0937	0.000189	0.000202	0.0000981	0.0945	0.00000216	0.000233	0.000388	0.00134	0.000209
2054 Mar	0.000192	0.000948	0.0726	0.00000625	1.82	2.63	0.0288	0.000344	14.5	0.00152	0.0937	0.000189	0.000202	0.0000981	0.0945	0.00000216	0.000233	0.000388	0.00134	0.000209
2054 Apr	0.000193	0.000951	0.0729	0.00000628	1.82	2.64	0.0289	0.000346	14.6	0.00152	0.094	0.00019	0.000202	0.0000985	0.0948	0.00000217	0.000234	0.000389	0.00134	0.00021
2054 May	0.000198	0.000965	0.0749	0.00000638	1.85	2.69	0.0299	0.000349	14.7	0.00155	0.0946	0.000198	0.000205	0.0000999	0.0966	0.00000219	0.000235	0.000401	0.00136	0.000211
2054 Jun	0.000203	0.000913	0.077	0.00000624	1.73	2.58	0.0311	0.000316	13.3	0.00146	0.0843	0.000215	0.000197	0.0000944	0.0935	0.00000206	0.000211	0.000419	0.00133	0.000187
2054 Jul	0.000191	0.000892	0.0732	0.0000061	1.7	2.5	0.0291	0.000309	13.2	0.00143	0.0839	0.000199	0.000195	0.0000922	0.0903	0.00000204	0.000209	0.000397	0.00131	0.000186
2054 Aug	0.000192	0.000903	0.0742	0.00000625	1.71	2.51	0.0291	0.000316	13.2	0.00144	0.0838	0.000198	0.000194	0.0000928	0.0911	0.00000207	0.000209	0.000396	0.00132	0.000185
2054 Sep	0.000191	0.000907	0.0743	0.00000632	1.71	2.51	0.0289	0.000321	13.2	0.00144	0.0835	0.000196	0.000193	0.0000927	0.0912	0.00000208	0.000209	0.000392	0.00133	0.000185
2054 Oct	0.000187	0.000898	0.0726	0.00000622	1.69	2.48	0.0281	0.000322	13.1	0.00142	0.083	0.000188	0.000189	0.0000914	0.09	0.00000206	0.000208	0.000381	0.0013	0.000184
2054 Nov	0.000185	0.000894	0.0717	0.00000617	1.69	2.46	0.0277	0.000323	13.1	0.00141	0.0831	0.000185	0.000187	0.000091	0.0895	0.00000205	0.000208	0.000375	0.00129	0.000184
2054 Dec	0.000185	0.000895	0.0718	0.00000617	1.69	2.47	0.0277	0.000323	13.1	0.00142	0.0831	0.000185	0.000188	0.0000911	0.0895	0.00000205	0.000208	0.000375	0.00129	0.000184
2055 Jan	0.000185	0.000895	0.0718	0.00000617	1.69	2.47	0.0277	0.000323	13.1	0.00142	0.0831	0.000185	0.000188	0.0000911	0.0895	0.00000205	0.000208	0.000375	0.00129	0.000184
2055 Feb	0.000185	0.000895	0.0718	0.00000617	1.69	2.47	0.0277	0.000323	13.1	0.00142	0.0831	0.000185	0.000188	0.0000911	0.0895	0.00000205	0.000208	0.000376	0.00129	0.000184
2055 Mar	0.000185	0.000895	0.0718	0.00000618	1.69	2.47	0.0277	0.000323	13.1	0.00142	0.0832	0.000185	0.000188	0.0000911	0.0896	0.00000205	0.000208	0.000376	0.00129	0.000184
2055 Apr	0.000185	0.000898	0.072	0.00000619	1.69	2.47	0.0278	0.000324	13.1	0.00142	0.0834	0.000186	0.000188	0.0000914	0.0898	0.00000206	0.000208	0.000377	0.00129	0.000185
2055 May	0.000188	0.000909	0.073	0.00000627	1.71	2.51	0.0282	0.000329	13.3	0.00144	0.0845	0.000188	0.000191	0.0000926	0.091	0.00000209	0.000211	0.000382	0.00131	0.000187
2055 Jun	0.000163	0.000838	0.0639	0.00000584	1.61	2.29	0.0243	0.000307	12.7	0.00135	0.0805	0.000156	0.000187	0.0000866	0.0827	0.00000198	0.000207	0.000347	0.00126	0.000185
2055 Jul	0.000154	0.000829	0.0599	0.00000567	1.63	2.27	0.023	0.000311	13	0.00136	0.0825	0.000142	0.000191	0.0000873	0.0814	0.00000198	0.000219	0.000331	0.00125	0.000197
2055 Aug	0.000159	0.00086	0.0623	0.00000592	1.69	2.35	0.0237	0.000323	13.4	0.00141	0.085	0.000147	0.000197	0.0000902	0.0842	0.00000205	0.000225	0.000341	0.00129	0.000203
2055 Sep	0.000158	0.000862	0.0628	0.000006	1.68	2.35	0.0236	0.000327	13.3	0.00141	0.084	0.000145	0.000195	0.0000899	0.0843	0.00000206	0.000224	0.000338	0.0013	0.0002
2055 Oct	0.000159	0.000867	0.0632	0.00000605	1.69	2.36	0.0236	0.00033	13.3	0.00141	0.0841	0.000145	0.000195	0.0000901	0.0847	0.00000207	0.000224	0.00034	0.0013	0.000201
2055 Nov	0.000159	0.000869	0.0634	0.00000606	1.69	2.36	0.0236	0.00033	13.3	0.00141	0.0842	0.000146	0.000195	0.0000902	0.0848	0.00000207	0.000224	0.00034	0.0013	0.000201
2055 Dec	0.000159	0.000869	0.0634	0.00000607	1.69	2.36	0.0236	0.000331	13.3	0.00141	0.0842	0.000146	0.000195	0.0000902	0.0848	0.00000207	0.000224	0.00034	0.0013	0.000201
2056 Jan	0.000159	0.000869	0.0634	0.00000607	1.69	2.36	0.0236	0.000331	13.3	0.00141	0.0842	0.000146	0.000195	0.0000902	0.0848	0.00000207	0.000224	0.00034	0.0013	0.000201
2056 Feb	0.000159	0.000869	0.0634	0.00000607	1.69	2.36	0.0236	0.000331	13.3	0.00141	0.0842	0.000146	0.000195	0.0000902	0.0848	0.00000207	0.000224	0.00034	0.0013	0.000201
2056 Mar	0.00016	0.00087	0.0634	0.00000607	1.69	2.36	0.0237	0.000331	13.4	0.00141	0.0843	0.000146	0.000195	0.0000903	0.0849	0.00000208	0.000225	0.00034	0.0013	0.000201
2056 Apr	0.00016	0.000873	0.0637	0.00000609	1.7	2.37	0.0237	0.000332	13.4	0.00142	0.0846	0.000146	0.000196	0.0000906	0.0852	0.00000208	0.000225	0.000341	0.00131	0.000202

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 May	0.000171	0.000888	0.0674	0.00000622	1.72	2.44	0.0256	0.000333	13.4	0.00144	0.0841	0.000163	0.000198	0.0000922	0.0878	0.0000021	0.000225	0.000362	0.00133	0.0002
2056 Jun	0.000184	0.000858	0.0699	0.00000589	1.67	2.43	0.0282	0.000311	12.8	0.00139	0.0785	0.000191	0.000192	0.0000905	0.088	0.00000199	0.000211	0.000385	0.00127	0.000187
2056 Jul	0.000189	0.000891	0.0721	0.00000612	1.73	2.51	0.0289	0.000323	13.3	0.00144	0.0817	0.000195	0.0002	0.0000938	0.091	0.00000207	0.00022	0.000396	0.00132	0.000195
2056 Aug	0.000192	0.000913	0.0741	0.00000634	1.77	2.56	0.0294	0.000331	13.5	0.00147	0.0827	0.000198	0.000202	0.0000955	0.0929	0.00000213	0.000223	0.000401	0.00135	0.000197
2056 Sep	0.000196	0.000932	0.0758	0.0000065	1.8	2.61	0.0299	0.00034	13.7	0.0015	0.0839	0.000201	0.000205	0.0000972	0.0947	0.00000217	0.000227	0.000408	0.00138	0.0002
2056 Oct	0.000193	0.000923	0.0753	0.00000649	1.77	2.57	0.0293	0.00034	13.4	0.00148	0.082	0.000196	0.0002	0.0000954	0.0934	0.00000215	0.000222	0.0004	0.00136	0.000195
2056 Nov	0.000193	0.000923	0.0753	0.0000065	1.77	2.57	0.0292	0.000341	13.4	0.00147	0.0817	0.000195	0.0002	0.0000951	0.0933	0.00000214	0.000222	0.0004	0.00136	0.000194
2056 Dec	0.000193	0.000924	0.0753	0.0000065	1.77	2.57	0.0292	0.000341	13.4	0.00147	0.0818	0.000195	0.0002	0.0000952	0.0934	0.00000215	0.000222	0.0004	0.00136	0.000194
2057 Jan	0.000193	0.000924	0.0753	0.0000065	1.77	2.57	0.0292	0.000341	13.4	0.00148	0.0818	0.000195	0.0002	0.0000952	0.0934	0.00000215	0.000222	0.0004	0.00136	0.000194
2057 Feb	0.000193	0.000924	0.0753	0.0000065	1.77	2.57	0.0292	0.000341	13.4	0.00148	0.0818	0.000195	0.0002	0.0000952	0.0934	0.00000215	0.000222	0.0004	0.00136	0.000194
2057 Mar	0.000193	0.000925	0.0754	0.00000651	1.77	2.57	0.0292	0.000341	13.4	0.00148	0.0819	0.000196	0.0002	0.0000953	0.0935	0.00000215	0.000222	0.0004	0.00136	0.000194
2057 Apr	0.000194	0.000928	0.0757	0.00000653	1.78	2.58	0.0293	0.000343	13.4	0.00148	0.0822	0.000196	0.000201	0.0000956	0.0938	0.00000216	0.000223	0.000402	0.00137	0.000195
2057 May	0.000199	0.000944	0.0776	0.00000665	1.81	2.63	0.0302	0.000347	13.6	0.00151	0.0831	0.000203	0.000204	0.0000973	0.0957	0.00000219	0.000226	0.000412	0.00139	0.000197
2057 Jun	0.000191	0.000881	0.074	0.00000624	1.7	2.48	0.0292	0.000319	12.7	0.00142	0.0769	0.000199	0.000197	0.0000918	0.0904	0.00000206	0.000211	0.000403	0.00133	0.000184
2057 Jul	0.000189	0.000893	0.0734	0.00000631	1.73	2.5	0.0289	0.000326	13	0.00144	0.0792	0.000194	0.000202	0.0000934	0.0911	0.0000021	0.000218	0.000402	0.00135	0.000191
2057 Aug	0.000201	0.00095	0.0782	0.00000673	1.84	2.66	0.0307	0.000347	13.8	0.00153	0.0841	0.000207	0.000214	0.0000993	0.097	0.00000224	0.000231	0.000427	0.00144	0.000203
2057 Sep	0.000204	0.00097	0.0798	0.00000689	1.87	2.71	0.0312	0.000355	14.1	0.00156	0.0854	0.00021	0.000217	0.000101	0.0988	0.00000228	0.000235	0.000434	0.00147	0.000206
2057 Oct	0.000203	0.000968	0.0798	0.0000069	1.86	2.7	0.031	0.000356	14	0.00155	0.0847	0.000208	0.000216	0.0001	0.0985	0.00000228	0.000234	0.000432	0.00146	0.000204
2057 Nov	0.000204	0.00097	0.08	0.00000692	1.87	2.7	0.031	0.000357	14	0.00156	0.0848	0.000208	0.000216	0.000101	0.0986	0.00000228	0.000234	0.000432	0.00146	0.000204
2057 Dec	0.000204	0.000971	0.08	0.00000692	1.87	2.71	0.031	0.000358	14	0.00156	0.0848	0.000208	0.000216	0.000101	0.0987	0.00000228	0.000234	0.000432	0.00146	0.000205
2058 Jan	0.000204	0.000971	0.08	0.00000692	1.87	2.71	0.031	0.000358	14	0.00156	0.0848	0.000208	0.000216	0.000101	0.0987	0.00000228	0.000234	0.000432	0.00146	0.000205
2058 Feb	0.000204	0.000971	0.0801	0.00000692	1.87	2.71	0.031	0.000358	14	0.00156	0.0848	0.000208	0.000216	0.000101	0.0987	0.00000228	0.000234	0.000432	0.00146	0.000205
2058 Mar	0.000204	0.000971	0.0801	0.00000692	1.87	2.71	0.0311	0.000358	14	0.00156	0.0849	0.000208	0.000216	0.000101	0.0987	0.00000228	0.000234	0.000433	0.00146	0.000205
2058 Apr	0.000204	0.000973	0.0803	0.00000694	1.87	2.71	0.0311	0.000359	14	0.00156	0.0851	0.000209	0.000217	0.000101	0.099	0.00000229	0.000235	0.000434	0.00147	0.000205
2058 May	0.000217	0.000988	0.0844	0.00000706	1.9	2.78	0.0332	0.000358	14	0.00158	0.0841	0.000228	0.000219	0.000102	0.102	0.0000023	0.000233	0.000457	0.00149	0.000202
2058 Jun	0.000212	0.000897	0.0793	0.00000618	1.75	2.61	0.0332	0.000322	12.8	0.00144	0.0757	0.000235	0.000201	0.0000956	0.0956	0.00000206	0.000214	0.000441	0.00132	0.000186
2058 Jul	0.000209	0.000909	0.0777	0.00000618	1.79	2.64	0.0325	0.000333	13.3	0.00147	0.079	0.000226	0.000206	0.0000977	0.0963	0.00000211	0.000225	0.000434	0.00134	0.000198
2058 Aug	0.000216	0.000944	0.0807	0.00000645	1.86	2.73	0.0336	0.000346	13.7	0.00153	0.0814	0.000234	0.000212	0.000101	0.0997	0.00000219	0.000232	0.000448	0.00139	0.000204
2058 Sep	0.000214	0.000944	0.0809	0.00000652	1.85	2.72	0.0332	0.00035	13.6	0.00152	0.0803	0.00023	0.000209	0.0001	0.0994	0.00000219	0.00023	0.000444	0.00138	0.000201
2058 Oct	0.000213	0.000943	0.0809	0.00000654	1.83	2.7	0.0329	0.000352	13.5	0.00151	0.0793	0.000227	0.000207	0.0000992	0.0988	0.00000218	0.000227	0.00044	0.00138	0.000198
2058 Nov	0.000213	0.000945	0.0811	0.00000656	1.84	2.7	0.0329	0.000353	13.5	0.00151	0.0794	0.000228	0.000207	0.0000994	0.099	0.00000218	0.000228	0.00044	0.00138	0.000198
2058 Dec	0.000213	0.000945	0.0811	0.00000656	1.84	2.71	0.0329	0.000353	13.5	0.00151	0.0794	0.000228	0.000207	0.0000994	0.0991	0.00000218	0.000228	0.00044	0.00138	0.000198
2059 Jan	0.000213	0.000945	0.0811	0.00000656	1.84	2.71	0.0329	0.000353	13.5	0.00151	0.0794	0.000228	0.000207	0.0000994	0.0991	0.00000218	0.000228	0.00044	0.00138	0.000198
2059 Feb	0.000213	0.000945	0.0811	0.00000656	1.84	2.71	0.0329	0.000353	13.5	0.00151	0.0794	0.000228	0.000207	0.0000994	0.0991	0.00000218	0.000228	0.00044	0.00138	0.000198
2059 Mar	0.000213	0.000945	0.0811	0.00000657	1.84	2.71	0.0329	0.000353	13.5	0.00151	0.0794	0.000228	0.000207	0.0000994	0.0991	0.00000218	0.000228	0.000441	0.00138	0.000198
2059 Apr	0.000214	0.000948	0.0813	0.00000658	1.84	2.71	0.033	0.000354	13.5	0.00152	0.0797	0.000228	0.000208	0.0000997	0.0993	0.00000219	0.000229	0.000442	0.00138	0.000199
2059 May	0.000222	0.000963	0.0842	0.0000067	1.87	2.77	0.0344	0.000356	13.6	0.00154	0.0797	0.00024	0.00021	0.000101	0.102	0.00000221	0.000229	0.000458	0.00141	0.000199
2059 Jun	0.000233	0.000954	0.0873	0.00000663	1.85	2.79	0.0365	0.000344	13.2	0.00152	0.0766	0.000262	0.000209	0.000101	0.103	0.00000217	0.000221	0.00048	0.00139	0.00019
2059 Jul	0.000246	0.00101	0.0924	0.00000704	1.96	2.95	0.0385	0.000365	14	0.00161	0.0813	0.000276	0.000222	0.000107	0.109	0.00000231	0.000235	0.000508	0.00148	0.000202
2059 Aug	0.000258	0.00106	0.0971	0.00000741	2.06	3.1	0.0404	0.000384	14.7	0.00169	0.0852	0.000289	0.000233	0.000112	0.114	0.00000242	0.000246	0.000533	0.00156	0.000212
2059 Sep	0.00026	0.00107	0.0982	0.00000753	2.07	3.12	0.0406	0.00039	14.8	0.00171	0.0854	0.00029	0.000233	0.000113	0.115	0.00000245	0.000248	0.000535	0.00157	0.000212
2059 Oct	0.000246	0.00103	0.0945	0.00000736	1.96	2.96	0.038	0.000383	13.9	0.00162	0.0796	0.000269	0.000217	0.000106	0.109	0.00000234	0.000233	0.000503	0.0015	0.000197
2059 Nov	0.000245	0.00103	0.0944	0.00000736	1.96	2.95	0.0378	0.000384	13.8	0.00161	0.0792	0.000268	0.000216	0.000106	0.109	0.00000234	0.000232	0.000501	0.00149	0.000195
2059 Dec	0.000245	0.00103	0.0944	0.00000736	1.96	2.96	0.0378	0.000384	13.8	0.00162	0.0792	0.000268	0.000216	0.000106	0.109	0.00000234	0.000232	0.000501	0.00149	0.000195
2060 Jan	0.000245	0.00103	0.0944	0.00000736	1.96	2.96	0.0378	0.000384	13.8	0.00162	0.0792	0.000268	0.000216	0.000106	0.109	0.00000234	0.000232	0.000501	0.00149	0.000195
2060 Feb	0.000245	0.00103	0.0944	0.00000737	1.96	2.96	0.0378	0.000384	13.8	0.00162	0.0792	0.000268	0.000216	0.000106	0.109	0.00000234	0.000232	0.000501	0.00149	0.000196
2060 Mar	0.000245	0.00103	0.0945	0.00000737	1.96	2.96	0.0378	0.000384	13.8	0.00162	0.0792	0.000268	0.000216	0.000106	0.109	0.00000234	0.000232	0.000501	0.00149	0.000196
2060 Apr	0.000246	0.00104	0.0948	0.0000074	1.97	2.97	0.038	0.000386	13.9	0.00162	0.0795	0.000269	0.000217	0.000106	0.11	0.00000235	0.000233	0.000503	0.0015	0.000196
2060 May	0.00026	0.00105	0.0994	0.00000749	1.98	3.03	0.0404	0.000381	13.7	0.00163	0.0777	0.000292	0.000218	0.000107	0.112	0.00000235	0.000229	0.00053	0.00151	0.000191
2060 Jun	0.000249	0.000978	0.093	0.0000068	1.88	2.88	0.0391	0.000355	13.1	0.00154	0.0742	0.000285	0.000208	0.000103	0.107	0.00000219	0.000218	0.000506	0.0014	0.000185
2060 Jul	0.000259	0.00103	0.0966	0.00000713	1.98	3.02	0.0406	0.000375	13.9	0.00162	0.0789	0.000294	0.000219	0.000108	0.112	0.00000232	0.000232	0.000527	0.00148	0.000197
2060 Aug	0.000263	0.00105	0.0989	0.00000736	2.02	3.08	0.0412	0.000386	14.1	0.00165	0.08	0.000298	0.000223	0.00011	0.114	0.00000238	0.000235	0.000534	0.00151	0.0002
2060 Sep	0.000251	0.00102	0.0957	0.00000729	1.94	2.95	0.039	0.000381	13.4	0.00159	0.0754	0.00028	0.000209	0.000105	0.11	0.00000231	0.000223	0.000505	0.00146	0.000187
2060 Oct	0.000247	0.00101	0.0945	0.00000725	1.91	2.91	0.0382	0.000382	13.2	0.00157	0.0744	0.000273	0.000205	0.000104	0.108	0.00000229	0.000221	0.000494	0.00144	0.000185
2060 Nov	0.000243	0.001	0.0929	0.00000716	1.9	2.89	0.0375	0.000382	13.2	0.00156	0.0743	0.000266	0.000203	0.000103	0.107	0.00000227	0.000221	0.000485	0.00142	0.000185
2060 Dec	0.000243	0.001	0.0929	0.00000716	1.9	2.89	0.0375	0.000382	13.2	0.00156	0.0744	0.000267	0.000204	0.000103	0.107	0.00000227	0.000221	0.000485	0.00142	0.000185
2061 Jan	0.000243	0.001	0.0929	0.00000716	1.9	2.89	0.0375	0.000382	13.2	0.00156	0.0744	0.000267	0.000204	0.000103	0.107	0.00000227	0.000221	0.000485	0.00142	0.000185
2061 Feb	0.000243	0.001	0.0929	0.00000716	1.9	2.89	0.0375	0.000382	13.2	0.00156	0.0744	0.000267	0.000204	0.000103	0.107	0.00000227	0.000221	0.000485	0.00142	0.000185
2061 Mar	0.000243	0.001	0.0929	0.00000716	1.9	2.89	0.0375	0.000382	13.2	0.00156	0.0744	0.000267	0.000204	0.000103	0.107	0.00000227	0.000221	0.000486	0.00142	0.000185
2061 Apr	0.000244	0.00101	0.0933	0.00000719	1.91	2.9	0.0376	0.000384	13.2	0.00156	0.0747	0.000268	0.000204	0.000103	0.108	0.00000228	0.000222	0.000487	0.00143	0.000186
2061 May	0.000252	0.00101	0.0954	0.00000714	1.92	2.94	0.0392	0.000381	13.3	0.00157	0.0742	0.000283	0.000206	0.000105	0.11	0.00000227	0.000221	0.000503	0.00143	0.000186
2061 Jun	0.000225	0.000911	0.0818	0.00000609	1.82	2.72	0.0354	0.000359	12.9	0.00146	0.0719	0.000251	0.000196	0.0000989	0.1	0.00000208	0.000224	0.000447	0.00126	0.000194
2061 Jul	0.000233	0.000956	0.0848	0.00000639	1.91	2.85	0.0366	0.000379	13.6	0.00153	0.0759	0.000258	0.000206	0.000104	0.105	0.00000219	0.000239	0.000463	0.00133	0.000207
2061 Aug	0.000244	0.001	0.089	0.00000672	2	2.98	0.0383	0.000398	14.2	0.00161	0.0793	0.00027	0.000216	0.000109	0.11	0.0000023	0.00025	0.000485	0.00139	0.000216
2061 Sep	0.000245	0.00101	0.09	0.00000683	2.02	3	0.0385	0.000403	14.3	0.00162	0.0796	0.000271	0.000217	0.00011	0.111	0.00000232	0.000251	0.000487	0.00141	0.000217
2061 Oct	0.000236	0.000984	0.0876	0.00000672	1.94	2.89	0.0366	0.000397	13.6	0.00156	0.0756	0.000257	0.000206	0.000105	0.107	0.00000225	0.00024	0.000466	0.00136	0.000205
2061 Nov	0.000233	0.000977	0.0871	0.0000067	1.92	2.86	0.0361	0.000396	13.4	0.00154	0.0745	0.000253	0.000202	0.000103	0.106	0.00000223	0.000237	0.00046	0.00135	0.000202

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Dec	0.000233	0.000978	0.0871	0.00000671	1.92	2.86	0.0361	0.000396	13.4	0.00154	0.0745	0.000253	0.000202	0.000103	0.106	0.00000223	0.000237	0.00046	0.00135	0.000202
2062 Jan	0.000233	0.000978	0.0871	0.00000671	1.92	2.86	0.0361	0.000396	13.4	0.00154	0.0745	0.000253	0.000202	0.000103	0.106	0.00000223	0.000237	0.00046	0.00135	0.000202
2062 Feb	0.000233	0.000978	0.0871	0.00000671	1.92	2.86	0.0361	0.000396	13.4	0.00154	0.0745	0.000253	0.000202	0.000103	0.106	0.00000223	0.000237	0.00046	0.00135	0.000202
2062 Mar	0.000233	0.000979	0.0872	0.00000672	1.92	2.86	0.0362	0.000397	13.5	0.00155	0.0746	0.000253	0.000203	0.000103	0.106	0.00000224	0.000237	0.000461	0.00135	0.000202
2062 Apr	0.000234	0.000983	0.0875	0.00000674	1.93	2.87	0.0363	0.000398	13.5	0.00155	0.0749	0.000254	0.000203	0.000104	0.106	0.00000225	0.000238	0.000463	0.00136	0.000203
2062 May	0.000237	0.000994	0.0885	0.00000682	1.95	2.91	0.0367	0.000403	13.7	0.00157	0.0757	0.000257	0.000206	0.000105	0.107	0.00000227	0.000241	0.000468	0.00137	0.000205
2062 Jun	0.000208	0.000919	0.0796	0.00000649	1.82	2.65	0.0323	0.000375	12.8	0.00147	0.0715	0.000221	0.000201	0.0000977	0.0982	0.00000217	0.000229	0.000429	0.00134	0.000197
2062 Jul	0.000191	0.000888	0.0734	0.00000627	1.79	2.55	0.0295	0.000372	12.8	0.00144	0.0716	0.000196	0.000202	0.0000957	0.094	0.00000215	0.000233	0.000402	0.00132	0.000203
2062 Aug	0.000191	0.000897	0.0745	0.00000644	1.79	2.55	0.0294	0.000375	12.7	0.00145	0.071	0.000195	0.000201	0.0000957	0.0944	0.00000218	0.000232	0.000399	0.00133	0.0002
2062 Sep	0.000186	0.000887	0.0729	0.00000638	1.77	2.51	0.0284	0.000379	12.5	0.00143	0.07	0.000186	0.000195	0.0000942	0.0929	0.00000216	0.000229	0.000384	0.0013	0.000198
2062 Oct	0.000168	0.000848	0.0653	0.00000588	1.72	2.39	0.0254	0.000386	12.3	0.00136	0.0689	0.000159	0.000183	0.0000906	0.0882	0.00000207	0.000232	0.000339	0.00119	0.000202
2062 Nov	0.000168	0.000849	0.0651	0.00000588	1.72	2.4	0.0253	0.000388	12.4	0.00137	0.0691	0.000158	0.000183	0.0000907	0.0883	0.00000207	0.000233	0.000338	0.00119	0.000203
2062 Dec	0.000168	0.00085	0.0652	0.00000588	1.72	2.4	0.0253	0.000389	12.4	0.00137	0.0691	0.000158	0.000183	0.0000908	0.0884	0.00000207	0.000233	0.000338	0.00119	0.000203
2063 Jan	0.000168	0.00085	0.0652	0.00000588	1.72	2.4	0.0253	0.000389	12.4	0.00137	0.0691	0.000158	0.000184	0.0000908	0.0884	0.00000207	0.000233	0.000338	0.00119	0.000203
2063 Feb	0.000168	0.00085	0.0652	0.00000588	1.72	2.4	0.0253	0.000389	12.4	0.00137	0.0692	0.000158	0.000184	0.0000908	0.0884	0.00000207	0.000233	0.000338	0.00119	0.000203
2063 Mar	0.000168	0.00085	0.0652	0.00000589	1.72	2.4	0.0253	0.000389	12.4	0.00137	0.0692	0.000158	0.000184	0.0000908	0.0884	0.00000208	0.000233	0.000338	0.00119	0.000203
2063 Apr	0.000168	0.000852	0.0653	0.0000059	1.73	2.4	0.0254	0.00039	12.4	0.00137	0.0693	0.000159	0.000184	0.000091	0.0886	0.00000208	0.000233	0.000339	0.0012	0.000204
2063 May	0.000176	0.000864	0.0679	0.00000597	1.75	2.46	0.0268	0.000391	12.5	0.00139	0.0693	0.000171	0.000186	0.0000925	0.0906	0.0000021	0.000234	0.000354	0.00121	0.000204
2063 Jun	0.00017	0.00079	0.0616	0.0000052	1.7	2.36	0.0267	0.000372	12.1	0.00132	0.0648	0.000173	0.000184	0.0000905	0.0864	0.00000195	0.000239	0.000344	0.0011	0.000211
2063 Jul	0.000161	0.000788	0.0585	0.00000516	1.73	2.36	0.0254	0.000384	12.4	0.00134	0.0664	0.000159	0.00019	0.0000918	0.0858	0.00000198	0.000252	0.000331	0.00111	0.000224
2063 Aug	0.000169	0.000825	0.0614	0.00000543	1.81	2.46	0.0266	0.000402	12.9	0.0014	0.0692	0.000166	0.000198	0.0000959	0.0898	0.00000208	0.000263	0.000346	0.00116	0.000233
2063 Sep	0.000169	0.000832	0.0622	0.00000555	1.81	2.47	0.0265	0.000407	12.9	0.0014	0.0689	0.000165	0.000197	0.000096	0.0902	0.00000209	0.000262	0.000345	0.00117	0.000232
2063 Oct	0.000167	0.000824	0.0619	0.00000554	1.78	2.43	0.0259	0.000405	12.6	0.00138	0.0671	0.000161	0.000192	0.000094	0.0888	0.00000206	0.000256	0.000338	0.00116	0.000225
2063 Nov	0.000167	0.000825	0.062	0.00000556	1.78	2.43	0.0259	0.000405	12.6	0.00138	0.067	0.000161	0.000191	0.0000939	0.0888	0.00000207	0.000256	0.000338	0.00116	0.000225
2063 Dec	0.000167	0.000826	0.062	0.00000556	1.78	2.43	0.0259	0.000405	12.6	0.00138	0.0671	0.000161	0.000191	0.0000939	0.0889	0.00000207	0.000256	0.000338	0.00116	0.000225
2064 Jan	0.000167	0.000826	0.062	0.00000556	1.78	2.43	0.0259	0.000406	12.6	0.00138	0.0671	0.000161	0.000191	0.0000939	0.0889	0.00000207	0.000256	0.000338	0.00116	0.000225
2064 Feb	0.000167	0.000826	0.062	0.00000556	1.78	2.43	0.0259	0.000406	12.6	0.00138	0.0671	0.000161	0.000191	0.000094	0.0889	0.00000207	0.000256	0.000338	0.00116	0.000225
2064 Mar	0.000167	0.000827	0.0621	0.00000557	1.78	2.43	0.026	0.000406	12.6	0.00138	0.0672	0.000161	0.000192	0.0000941	0.089	0.00000207	0.000256	0.000339	0.00116	0.000225
2064 Apr	0.000167	0.000829	0.0623	0.00000558	1.79	2.44	0.026	0.000407	12.6	0.00139	0.0673	0.000161	0.000192	0.0000943	0.0892	0.00000207	0.000257	0.00034	0.00116	0.000226
2064 May	0.000178	0.00084	0.0657	0.00000563	1.81	2.5	0.028	0.000406	12.6	0.0014	0.0668	0.00018	0.000194	0.0000958	0.0917	0.00000208	0.000255	0.00036	0.00117	0.000224
2064 Jun	0.000184	0.000806	0.0648	0.00000518	1.78	2.49	0.0295	0.000396	12.3	0.00136	0.064	0.000195	0.000191	0.0000956	0.0916	0.00000201	0.000253	0.000368	0.0011	0.000224
2064 Jul	0.000188	0.000835	0.067	0.00000542	1.84	2.57	0.0302	0.00041	12.7	0.00141	0.0659	0.000199	0.000198	0.0000986	0.0944	0.00000209	0.000261	0.000377	0.00115	0.000231
2064 Aug	0.000191	0.000851	0.0686	0.00000561	1.87	2.6	0.0304	0.000416	12.8	0.00143	0.0663	0.000201	0.0002	0.0000997	0.0957	0.00000213	0.000263	0.00038	0.00117	0.000232
2064 Sep	0.000186	0.000842	0.0678	0.00000565	1.83	2.54	0.0294	0.000415	12.5	0.0014	0.0642	0.000193	0.000193	0.0000973	0.0939	0.0000021	0.000256	0.000367	0.00116	0.000224
2064 Oct	0.000185	0.000845	0.0678	0.00000567	1.83	2.55	0.0293	0.00042	12.5	0.0014	0.0644	0.000191	0.000192	0.0000974	0.0941	0.00000211	0.000257	0.000365	0.00116	0.000225
2064 Nov	0.000186	0.000848	0.068	0.00000569	1.84	2.55	0.0294	0.000421	12.6	0.00141	0.0647	0.000191	0.000193	0.0000978	0.0944	0.00000212	0.000258	0.000366	0.00116	0.000226
2064 Dec	0.000186	0.000849	0.068	0.00000569	1.84	2.56	0.0294	0.000421	12.6	0.00141	0.0647	0.000191	0.000193	0.0000978	0.0944	0.00000212	0.000258	0.000366	0.00116	0.000226
2065 Jan	0.000186	0.000849	0.068	0.00000569	1.84	2.56	0.0294	0.000422	12.6	0.00141	0.0647	0.000191	0.000193	0.0000978	0.0945	0.00000212	0.000258	0.000366	0.00116	0.000226
2065 Feb	0.000186	0.000849	0.068	0.00000569	1.84	2.56	0.0294	0.000422	12.6	0.00141	0.0647	0.000192	0.000193	0.0000979	0.0945	0.00000212	0.000258	0.000367	0.00116	0.000226
2065 Mar	0.000186	0.00085	0.0681	0.0000057	1.84	2.56	0.0294	0.000422	12.6	0.00141	0.0648	0.000192	0.000194	0.000098	0.0946	0.00000212	0.000258	0.000367	0.00116	0.000226
2065 Apr	0.000187	0.000853	0.0684	0.00000572	1.85	2.57	0.0295	0.000424	12.6	0.00142	0.0651	0.000193	0.000194	0.0000984	0.095	0.00000213	0.000259	0.000369	0.00117	0.000227
2065 May	0.000198	0.00087	0.0723	0.00000585	1.88	2.64	0.0315	0.000424	12.7	0.00144	0.0647	0.00021	0.000197	0.0001	0.0977	0.00000215	0.000258	0.000391	0.00119	0.000225
2065 Jun	0.000192	0.000826	0.0684	0.00000545	1.82	2.55	0.0308	0.000412	12.3	0.00139	0.0622	0.000206	0.000195	0.0000978	0.0946	0.00000208	0.000254	0.000381	0.00114	0.000224
2065 Jul	0.000196	0.000865	0.0699	0.0000057	1.93	2.67	0.0315	0.00044	13	0.00146	0.0662	0.000207	0.000207	0.000103	0.0988	0.00000221	0.000273	0.000392	0.0012	0.000242
2065 Aug	0.000204	0.000904	0.0732	0.00000599	2.01	2.79	0.0328	0.00046	13.6	0.00153	0.0688	0.000216	0.000215	0.000108	0.103	0.00000231	0.000285	0.000408	0.00125	0.000252
2065 Sep	0.000198	0.000888	0.0722	0.000006	1.95	2.7	0.0315	0.000454	13	0.00148	0.0658	0.000206	0.000205	0.000104	0.1	0.00000225	0.000273	0.000393	0.00122	0.000239
2065 Oct	0.000181	0.000848	0.0672	0.00000574	1.84	2.54	0.0283	0.000449	12.3	0.00139	0.0621	0.00018	0.000189	0.0000971	0.0945	0.00000216	0.000259	0.000354	0.00114	0.000226
2065 Nov	0.000179	0.000845	0.0663	0.0000057	1.84	2.52	0.0279	0.000451	12.3	0.00139	0.0622	0.000176	0.000188	0.0000967	0.094	0.00000216	0.000259	0.000348	0.00113	0.000227
2065 Dec	0.000179	0.000845	0.0663	0.0000057	1.84	2.52	0.0279	0.000451	12.3	0.00139	0.0622	0.000176	0.000188	0.0000967	0.094	0.00000216	0.000259	0.000348	0.00113	0.000227
2066 Jan	0.000179	0.000845	0.0663	0.0000057	1.84	2.52	0.0279	0.000452	12.3	0.00139	0.0622	0.000176	0.000188	0.0000967	0.094	0.00000216	0.000259	0.000348	0.00113	0.000227
2066 Feb	0.000179	0.000846	0.0663	0.00000571	1.84	2.52	0.0279	0.000452	12.3	0.00139	0.0622	0.000176	0.000188	0.0000967	0.0941	0.00000216	0.000259	0.000348	0.00113	0.000227
2066 Mar	0.000179	0.000847	0.0665	0.00000572	1.84	2.53	0.0279	0.000453	12.3	0.00139	0.0624	0.000176	0.000188	0.0000969	0.0943	0.00000216	0.00026	0.000349	0.00114	0.000228
2066 Apr	0.00018	0.00085	0.0666	0.00000573	1.85	2.54	0.028	0.000454	12.4	0.0014	0.0625	0.000177	0.000189	0.0000972	0.0946	0.00000217	0.00026	0.00035	0.00114	0.000228
2066 May	0.000183	0.00086	0.0678	0.00000581	1.87	2.57	0.0285	0.000458	12.5	0.00141	0.0631	0.00018	0.000191	0.0000984	0.0958	0.00000219	0.000263	0.000356	0.00115	0.00023
2066 Jun	0.00017	0.000803	0.0623	0.00000545	1.81	2.44	0.0269	0.00044	12	0.00136	0.0598	0.000168	0.000192	0.0000952	0.0907	0.00000212	0.000261	0.000343	0.00112	0.000231
2066 Jul	0.000173	0.000841	0.0636	0.00000572	1.92	2.56	0.0274	0.000469	12.8	0.00143	0.0634	0.000168	0.000206	0.000101	0.0948	0.00000225	0.000282	0.000353	0.00119	0.000251
2066 Aug	0.00018	0.000881	0.0667	0.00000603	2	2.67	0.0286	0.000491	13.3	0.0015	0.066	0.000175	0.000214	0.000105	0.0991	0.00000236	0.000294	0.000367	0.00124	0.00026
2066 Sep	0.00018	0.000886	0.0674	0.00000612	2	2.67	0.0285	0.000494	13.2	0.0015	0.0655	0.000174	0.000212	0.000105	0.0992	0.00000236	0.000292	0.000366	0.00125	0.000258
2066 Oct	0.000176	0.000876	0.067	0.00000612	1.95	2.61	0.0276	0.000489	12.8	0.00147	0.0634	0.000168	0.000205	0.000102	0.0972	0.00000232	0.000284	0.000357	0.00123	0.000248
2066 Nov	0.000176	0.000874	0.067	0.00000612	1.94	2.6	0.0275	0.000488	12.8	0.00146	0.063	0.000167	0.000204	0.000101	0.0969	0.00000231	0.000282	0.000356	0.00122	0.000247
2066 Dec	0.000176	0.000875	0.0671	0.00000613	1.94	2.6	0.0275	0.000489	12.8	0.00146	0.063	0.000167	0.000204	0.000101	0.0969	0.00000232	0.000282	0.000356	0.00122	0.000247
2067 Jan	0.000176	0.000875	0.0671	0.00000613	1.94	2.6	0.0275	0.000489	12.8	0.00146	0.063	0.000167	0.000204	0.000101	0.097	0.00000232	0.000282	0.000356	0.00122	0.000247
2067 Feb	0.000176	0.000875	0.0671	0.00000613	1.94	2.6	0.0275	0.000489	12.8	0.00146	0.0631	0.000167	0.000204	0.000101	0.097	0.00000232	0.000282	0.000356	0.00122	0.000247
2067 Mar	0.000176	0.000876	0.0672	0.00000614	1.95	2.61	0.0276	0.000489	12.8	0.00146	0.0631	0.000167	0.000204	0.000102	0.0971	0.00000232	0.000283	0.000357	0.00123	0.000247
2067 Apr	0.000177	0.000878	0.0674	0.00000615	1.95	2.61	0.0276	0.000491	12.8	0.00147	0.0633	0.000167	0.000205	0.000102	0.0973	0.00000232	0.000283	0.000357	0.00123	0.000248
2067 May	0.000188	0.000897	0.0714	0.00000631	1.98	2.69	0.0296	0.000492	12.9	0.00149	0.0631	0.000185	0.000208	0.000104	0.1	0.00000235	0.000283	0.00038	0.00126	0.000246
2067 Jun	0.000197	0.000869	0.0735	0.0000061	1.91	2.65	0.0314	0.000463	12.3	0.00144	0.0593	0.000206	0.000204	0.000101	0.0994	0.00000226	0.000266	0.0004	0.00123	0.000231

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 Jul	0.000206	0.000916	0.0772	0.00000645	2.02	2.79	0.0329	0.000489	12.9	0.00152	0.0627	0.000215	0.000216	0.000107	0.105	0.0000024	0.000281	0.00042	0.0013	0.000244
2067 Aug	0.00021	0.000941	0.0797	0.0000067	2.06	2.85	0.0334	0.000498	13.1	0.00156	0.0635	0.000219	0.000219	0.000109	0.107	0.00000246	0.000285	0.000426	0.00134	0.000247
2067 Sep	0.000211	0.000948	0.0803	0.00000681	2.06	2.85	0.0333	0.000503	13.1	0.00156	0.0633	0.000218	0.000218	0.000109	0.107	0.00000247	0.000284	0.000425	0.00134	0.000246
2067 Oct	0.000204	0.000928	0.0789	0.00000674	1.99	2.76	0.032	0.000494	12.6	0.00151	0.0605	0.000208	0.000208	0.000105	0.104	0.0000024	0.000273	0.00041	0.00131	0.000234
2067 Nov	0.000203	0.000926	0.0788	0.00000674	1.98	2.75	0.0317	0.000493	12.5	0.00151	0.06	0.000206	0.000206	0.000104	0.103	0.0000024	0.000271	0.000407	0.0013	0.000232
2067 Dec	0.000203	0.000927	0.0789	0.00000675	1.98	2.75	0.0318	0.000493	12.5	0.00151	0.0601	0.000206	0.000206	0.000104	0.104	0.0000024	0.000271	0.000408	0.0013	0.000232
2068 Jan	0.000203	0.000927	0.0789	0.00000675	1.98	2.75	0.0318	0.000494	12.5	0.00151	0.0601	0.000206	0.000206	0.000104	0.104	0.0000024	0.000271	0.000408	0.0013	0.000232
2068 Feb	0.000203	0.000927	0.0789	0.00000675	1.98	2.75	0.0318	0.000494	12.5	0.00151	0.0601	0.000206	0.000207	0.000104	0.104	0.0000024	0.000271	0.000408	0.00131	0.000232
2068 Mar	0.000203	0.000929	0.0791	0.00000677	1.99	2.76	0.0318	0.000495	12.5	0.00151	0.0602	0.000207	0.000207	0.000104	0.104	0.0000024	0.000271	0.000409	0.00131	0.000232
2068 Apr	0.000205	0.000936	0.0797	0.00000682	2	2.78	0.0321	0.000498	12.6	0.00152	0.0607	0.000208	0.000208	0.000105	0.105	0.00000242	0.000274	0.000412	0.00132	0.000234
2068 May	0.000214	0.000948	0.0826	0.00000689	2.02	2.83	0.0337	0.000498	12.7	0.00154	0.0605	0.000223	0.000211	0.000107	0.107	0.00000243	0.000273	0.00043	0.00133	0.000233
2068 Jun	0.000193	0.000835	0.0705	0.00000575	1.89	2.6	0.0311	0.000466	11.9	0.0014	0.0565	0.000205	0.0002	0.0001	0.0979	0.00000222	0.000266	0.000388	0.00116	0.000235
2068 Jul	0.000194	0.000857	0.0715	0.00000596	1.95	2.66	0.0313	0.000481	12.3	0.00144	0.058	0.000204	0.000207	0.000103	0.0999	0.0000023	0.000276	0.000393	0.00121	0.000243
2068 Aug	0.000204	0.000904	0.0756	0.00000632	2.05	2.8	0.0329	0.000507	12.9	0.00152	0.061	0.000214	0.000218	0.000109	0.105	0.00000243	0.00029	0.000413	0.00127	0.000256
2068 Sep	0.000203	0.000907	0.076	0.0000064	2.04	2.79	0.0326	0.000509	12.8	0.00152	0.0602	0.000211	0.000215	0.000108	0.105	0.00000243	0.000287	0.000409	0.00127	0.000252
2068 Oct	0.000203	0.00091	0.0763	0.00000645	2.03	2.78	0.0324	0.000511	12.7	0.00152	0.0599	0.00021	0.000214	0.000107	0.105	0.00000243	0.000286	0.000408	0.00128	0.00025
2068 Nov	0.000204	0.000913	0.0766	0.00000647	2.04	2.79	0.0325	0.000513	12.8	0.00152	0.0601	0.00021	0.000214	0.000108	0.105	0.00000244	0.000287	0.00041	0.00128	0.000251
2068 Dec	0.000204	0.000914	0.0767	0.00000648	2.04	2.79	0.0325	0.000514	12.8	0.00152	0.0601	0.000211	0.000215	0.000108	0.105	0.00000244	0.000287	0.00041	0.00128	0.000251
2069 Jan	0.000204	0.000914	0.0767	0.00000648	2.04	2.79	0.0326	0.000514	12.8	0.00152	0.0601	0.000211	0.000215	0.000108	0.105	0.00000244	0.000287	0.00041	0.00128	0.000251
2069 Feb	0.000204	0.000914	0.0767	0.00000648	2.04	2.8	0.0326	0.000514	12.8	0.00152	0.0601	0.000211	0.000215	0.000108	0.105	0.00000244	0.000287	0.00041	0.00128	0.000251
2069 Mar	0.000204	0.000914	0.0767	0.00000648	2.04	2.8	0.0326	0.000514	12.8	0.00152	0.0602	0.000211	0.000215	0.000108	0.105	0.00000244	0.000287	0.00041	0.00128	0.000251
2069 Apr	0.000204	0.000916	0.0768	0.00000649	2.05	2.8	0.0326	0.000515	12.8	0.00153	0.0603	0.000211	0.000215	0.000108	0.106	0.00000244	0.000288	0.000411	0.00128	0.000251
2069 May	0.000209	0.000933	0.0785	0.00000662	2.08	2.86	0.0334	0.000524	13	0.00155	0.0613	0.000216	0.000219	0.00011	0.108	0.00000249	0.000293	0.00042	0.00131	0.000256
2069 Jun	0.000197	0.000876	0.0755	0.00000644	1.95	2.67	0.0316	0.000484	12.1	0.00147	0.0566	0.000206	0.000213	0.000103	0.101	0.00000238	0.000271	0.000412	0.00129	0.000236
2069 Jul	0.000198	0.000897	0.0759	0.0000066	2.01	2.73	0.0317	0.000502	12.5	0.00151	0.0588	0.000204	0.000222	0.000106	0.103	0.00000247	0.000281	0.000417	0.00134	0.000247
2069 Aug	0.000203	0.000924	0.0784	0.00000686	2.07	2.8	0.0325	0.000516	12.7	0.00155	0.06	0.000209	0.000227	0.000109	0.106	0.00000254	0.000287	0.000426	0.00138	0.000251
2069 Sep	0.000195	0.000903	0.0762	0.00000674	2	2.71	0.031	0.00051	12.3	0.0015	0.0578	0.000197	0.000217	0.000105	0.103	0.00000248	0.000278	0.000406	0.00133	0.000242
2069 Oct	0.00018	0.000865	0.0704	0.00000637	1.92	2.58	0.0282	0.000508	11.8	0.00143	0.0558	0.000174	0.000202	0.0001	0.0981	0.00000239	0.00027	0.000367	0.00124	0.000236
2069 Nov	0.000178	0.000863	0.0698	0.00000634	1.92	2.57	0.0279	0.000511	11.8	0.00142	0.0557	0.000171	0.000201	0.0001	0.0978	0.00000239	0.00027	0.000362	0.00123	0.000237
2069 Dec	0.000178	0.000863	0.0698	0.00000634	1.92	2.57	0.0279	0.000511	11.8	0.00142	0.0557	0.000171	0.000201	0.0001	0.0978	0.00000239	0.00027	0.000363	0.00123	0.000237
2070 Jan	0.000178	0.000864	0.0698	0.00000634	1.92	2.57	0.0279	0.000511	11.8	0.00142	0.0557	0.000171	0.000201	0.0001	0.0978	0.00000239	0.00027	0.000363	0.00123	0.000237
2070 Feb	0.000178	0.000864	0.0698	0.00000634	1.92	2.57	0.0279	0.000511	11.8	0.00142	0.0557	0.000171	0.000201	0.0001	0.0978	0.00000239	0.00027	0.000363	0.00123	0.000237
2070 Mar	0.000178	0.000864	0.0698	0.00000635	1.92	2.57	0.0279	0.000512	11.9	0.00142	0.0558	0.000171	0.000201	0.0001	0.0979	0.00000239	0.000271	0.000363	0.00123	0.000237
2070 Apr	0.000179	0.000868	0.0701	0.00000637	1.93	2.58	0.028	0.000514	11.9	0.00143	0.056	0.000172	0.000202	0.000101	0.0983	0.0000024	0.000272	0.000364	0.00124	0.000238
2070 May	0.000188	0.000882	0.073	0.00000646	1.96	2.65	0.0296	0.000516	12	0.00145	0.0562	0.000185	0.000205	0.000102	0.101	0.00000242	0.000273	0.000382	0.00126	0.000239
2070 Jun	0.000197	0.00086	0.0736	0.00000613	1.96	2.67	0.0317	0.000507	11.9	0.00144	0.0543	0.000206	0.000206	0.000103	0.102	0.00000236	0.000275	0.000398	0.00121	0.000242
2070 Jul	0.000204	0.000897	0.0768	0.00000644	2.04	2.78	0.0329	0.000527	12.3	0.0015	0.0564	0.000213	0.000215	0.000108	0.106	0.00000246	0.000286	0.000415	0.00127	0.000251
2070 Aug	0.000211	0.00093	0.0798	0.00000672	2.1	2.87	0.0339	0.000544	12.7	0.00155	0.0581	0.00022	0.000222	0.000111	0.109	0.00000255	0.000295	0.000427	0.00132	0.000259
2070 Sep	0.000204	0.000913	0.0785	0.00000668	2.04	2.78	0.0325	0.000535	12.3	0.00151	0.0557	0.000209	0.000212	0.000107	0.106	0.00000249	0.000284	0.000411	0.00129	0.000246
2070 Oct	0.000194	0.00089	0.075	0.00000649	1.98	2.69	0.0307	0.000533	11.9	0.00146	0.0543	0.000194	0.000203	0.000104	0.103	0.00000243	0.000278	0.000387	0.00124	0.000242
2070 Nov	0.000193	0.000888	0.0744	0.00000646	1.98	2.69	0.0305	0.000535	12	0.00146	0.0544	0.000192	0.000203	0.000104	0.103	0.00000243	0.000278	0.000384	0.00123	0.000242
2070 Dec	0.000193	0.000889	0.0744	0.00000646	1.98	2.69	0.0305	0.000535	12	0.00146	0.0544	0.000192	0.000203	0.000104	0.103	0.00000243	0.000278	0.000384	0.00123	0.000243
2071 Jan	0.000193	0.000889	0.0744	0.00000646	1.98	2.69	0.0305	0.000535	12	0.00146	0.0544	0.000192	0.000203	0.000104	0.103	0.00000243	0.000278	0.000384	0.00123	0.000243
2071 Feb	0.000193	0.000889	0.0745	0.00000646	1.98	2.69	0.0305	0.000535	12	0.00146	0.0544	0.000192	0.000203	0.000104	0.103	0.00000243	0.000278	0.000384	0.00123	0.000243
2071 Mar	0.000193	0.000889	0.0745	0.00000646	1.98	2.69	0.0305	0.000535	12	0.00146	0.0545	0.000192	0.000203	0.000104	0.103	0.00000243	0.000278	0.000384	0.00123	0.000243
2071 Apr	0.000193	0.00089	0.0746	0.00000647	1.99	2.7	0.0305	0.000536	12	0.00146	0.0545	0.000192	0.000203	0.000104	0.103	0.00000244	0.000279	0.000385	0.00124	0.000243
2071 May	0.000202	0.000895	0.0769	0.00000648	2	2.74	0.032	0.000533	12	0.00147	0.0541	0.000206	0.000204	0.000105	0.104	0.00000243	0.000277	0.000401	0.00124	0.000241
2071 Jun	0.000197	0.000842	0.0722	0.00000591	1.97	2.67	0.0321	0.000521	11.7	0.00143	0.052	0.000208	0.000204	0.000104	0.102	0.00000234	0.000282	0.000394	0.00117	0.000249
2071 Jul	0.000196	0.000859	0.0721	0.00000604	2.03	2.73	0.032	0.00054	12.1	0.00147	0.0537	0.000205	0.000212	0.000107	0.103	0.00000242	0.000295	0.000396	0.0012	0.000262
2071 Aug	0.000204	0.000893	0.0751	0.00000631	2.11	2.83	0.0332	0.000561	12.6	0.00152	0.0556	0.000212	0.00022	0.000111	0.107	0.00000252	0.000306	0.00041	0.00125	0.000271
2071 Sep	0.000199	0.000883	0.0744	0.00000634	2.06	2.77	0.0322	0.000554	12.2	0.00149	0.0538	0.000205	0.000212	0.000108	0.105	0.00000247	0.000296	0.000398	0.00123	0.000261
2071 Oct	0.000195	0.000873	0.0735	0.0000063	2.02	2.72	0.0314	0.000549	12	0.00147	0.0526	0.000199	0.000207	0.000106	0.104	0.00000244	0.00029	0.000389	0.00121	0.000255
2071 Nov	0.000194	0.000872	0.0732	0.0000063	2.01	2.71	0.0311	0.00055	11.9	0.00146	0.0524	0.000196	0.000205	0.000105	0.103	0.00000244	0.000289	0.000385	0.00121	0.000254
2071 Dec	0.000194	0.000872	0.0732	0.0000063	2.01	2.71	0.0311	0.00055	11.9	0.00146	0.0524	0.000196	0.000205	0.000105	0.103	0.00000244	0.000289	0.000385	0.00121	0.000254
2072 Jan	0.000194	0.000872	0.0732	0.0000063	2.01	2.71	0.0311	0.00055	11.9	0.00146	0.0524	0.000196	0.000205	0.000105	0.103	0.00000244	0.000289	0.000385	0.00121	0.000254
2072 Feb	0.000194	0.000872	0.0732	0.0000063	2.01	2.71	0.0311	0.00055	11.9	0.00146	0.0524	0.000196	0.000205	0.000105	0.103	0.00000244	0.000289	0.000385	0.00121	0.000254
2072 Mar	0.000194	0.000873	0.0732	0.0000063	2.01	2.71	0.0311	0.000551	11.9	0.00146	0.0524	0.000196	0.000205	0.000105	0.103	0.00000244	0.000289	0.000385	0.00121	0.000254
2072 Apr	0.000194	0.000875	0.0734	0.00000632	2.02	2.72	0.0312	0.000552	11.9	0.00147	0.0526	0.000196	0.000206	0.000106	0.103	0.00000244	0.00029	0.000386	0.00121	0.000255
2072 May	0.000197	0.000889	0.0746	0.00000642	2.05	2.76	0.0317	0.000561	12.1	0.00149	0.0534	0.000199	0.000209	0.000107	0.105	0.00000248	0.000295	0.000392	0.00123	0.000259
2072 Jun	0.000184	0.000852	0.0708	0.00000634	1.98	2.63	0.0295	0.00054	11.7	0.00144	0.0516	0.000183	0.00021	0.000104	0.1	0.00000245	0.000285	0.00038	0.00124	0.000251
2072 Jul	0.000182	0.00086	0.0711	0.00000647	2	2.64	0.0293	0.000545	11.7	0.00145	0.0521	0.00018	0.000213	0.000104	0.101	0.00000249	0.000288	0.00038	0.00127	0.000254
2072 Aug	0.000176	0.000853	0.069	0.00000645	1.99	2.6	0.0282	0.000553	11.7	0.00144	0.0517	0.000169	0.000208	0.000104	0.0998	0.0000025	0.000288	0.00036	0.00124	0.000255
2072 Sep	0.000169	0.000841	0.0664	0.00000633	1.97	2.56	0.027	0.00056	11.6	0.00142	0.0511	0.000158	0.000203	0.000103	0.0982	0.00000248	0.000287	0.00034	0.0012	0.000255
2072 Oct	0.00016	0.000818	0.0621	0.00000604	1.95	2.5	0.0254	0.000568	11.5	0.00139	0.0505	0.000143	0.000196	0.000101	0.0957	0.00000243	0.000291	0.000316	0.00114	0.00026
2072 Nov	0.000158	0.000817	0.0616	0.00000601	1.95	2.5	0.0252	0.000571	11.5	0.00139	0.0505	0.000141	0.000196	0.000101	0.0956	0.00000243	0.000292	0.000313	0.00113	0.000261
2072 Dec	0.000158	0.000817	0.0616	0.00000601	1.95	2.5	0.0252	0.000571	11.5	0.00139	0.0505	0.000141	0.000196	0.000101	0.0956	0.00000243	0.000292	0.000313	0.00113	0.000261
2073 Jan	0.000158	0.000817	0.0616	0.00000601	1.95	2.5	0.0252	0.000571	11.5	0.00139	0.0505	0.000141	0.000196	0.000101	0.0956	0.00000243	0.000292	0.000313	0.00113	0.000261

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2073 Feb	0.000158	0.000818	0.0616	0.00000601	1.95	2.5	0.0252	0.000571	11.5	0.00139	0.0505	0.000141	0.000196	0.000101	0.0956	0.00000243	0.000292	0.000313	0.00113	0.000261
2073 Mar	0.000159	0.000818	0.0616	0.00000601	1.95	2.5	0.0252	0.000571	11.5	0.00139	0.0506	0.000141	0.000196	0.000101	0.0957	0.00000244	0.000292	0.000313	0.00113	0.000261
2073 Apr	0.00016	0.000823	0.062	0.00000606	1.96	2.52	0.0254	0.000575	11.6	0.0014	0.0509	0.000142	0.000198	0.000102	0.0963	0.00000245	0.000294	0.000315	0.00114	0.000263
2073 May	0.000173	0.000836	0.0658	0.0000061	1.99	2.59	0.0277	0.000574	11.6	0.00142	0.0507	0.000163	0.000201	0.000104	0.0993	0.00000246	0.000294	0.00034	0.00115	0.000263
2073 Jun	0.000183	0.000819	0.0672	0.00000583	2	2.63	0.0301	0.000565	11.5	0.00141	0.0492	0.000186	0.000205	0.000105	0.101	0.00000242	0.000296	0.000363	0.00113	0.000266
2073 Jul	0.000185	0.00084	0.0677	0.00000597	2.07	2.7	0.0304	0.000588	12	0.00146	0.0509	0.000185	0.000212	0.000109	0.103	0.00000251	0.00031	0.000366	0.00116	0.00028
2073 Aug	0.00019	0.000869	0.0703	0.00000622	2.13	2.78	0.0312	0.000605	12.3	0.0015	0.0522	0.000191	0.000218	0.000112	0.106	0.00000259	0.000318	0.000376	0.0012	0.000287
2073 Sep	0.000188	0.000865	0.0702	0.00000626	2.1	2.75	0.0306	0.000601	12.1	0.00149	0.0511	0.000186	0.000213	0.00011	0.105	0.00000256	0.000312	0.000369	0.00119	0.00028
2073 Oct	0.00018	0.000848	0.0682	0.00000615	2.04	2.67	0.0292	0.000593	11.7	0.00144	0.0496	0.000175	0.000204	0.000106	0.102	0.00000251	0.000303	0.000353	0.00116	0.000271
2073 Nov	0.000178	0.000843	0.0673	0.0000061	2.03	2.65	0.0288	0.000596	11.7	0.00144	0.0496	0.000172	0.000203	0.000106	0.102	0.00000251	0.000303	0.000348	0.00115	0.000272
2073 Dec	0.000178	0.000844	0.0673	0.0000061	2.04	2.65	0.0289	0.000596	11.7	0.00144	0.0496	0.000172	0.000203	0.000106	0.102	0.00000251	0.000303	0.000348	0.00115	0.000272
2074 Jan	0.000178	0.000844	0.0673	0.0000061	2.04	2.65	0.0289	0.000596	11.7	0.00144	0.0496	0.000172	0.000203	0.000106	0.102	0.00000251	0.000303	0.000348	0.00115	0.000272
2074 Feb	0.000178	0.000844	0.0673	0.0000061	2.04	2.65	0.0289	0.000596	11.7	0.00144	0.0496	0.000172	0.000203	0.000106	0.102	0.00000251	0.000303	0.000348	0.00115	0.000272
2074 Mar	0.000178	0.000844	0.0674	0.00000611	2.04	2.66	0.0289	0.000596	11.7	0.00144	0.0496	0.000172	0.000203	0.000106	0.102	0.00000251	0.000303	0.000348	0.00115	0.000272
2074 Apr	0.000179	0.000849	0.0678	0.00000614	2.05	2.67	0.029	0.0006	11.8	0.00145	0.0499	0.000173	0.000205	0.000107	0.102	0.00000252	0.000305	0.00035	0.00115	0.000274
2074 May	0.000194	0.000862	0.0719	0.00000616	2.08	2.76	0.0317	0.000599	11.8	0.00147	0.0496	0.000197	0.000208	0.000109	0.106	0.00000254	0.000305	0.000378	0.00117	0.000273
2074 Jun	0.000194	0.000818	0.0686	0.00000562	2.07	2.73	0.0326	0.000593	11.7	0.00143	0.0478	0.000206	0.00021	0.00011	0.104	0.00000246	0.000311	0.00038	0.0011	0.000283
2074 Jul	0.000201	0.000855	0.071	0.0000059	2.18	2.86	0.0337	0.000626	12.3	0.00151	0.0502	0.000211	0.000221	0.000115	0.109	0.0000026	0.000329	0.000394	0.00115	0.0003
2074 Aug	0.000211	0.000901	0.0748	0.00000623	2.29	3.01	0.0354	0.000659	12.9	0.00159	0.0528	0.000222	0.000233	0.000121	0.115	0.00000274	0.000346	0.000414	0.00122	0.000316
2074 Sep	0.000206	0.000889	0.0741	0.00000625	2.23	2.93	0.0342	0.000647	12.5	0.00155	0.0509	0.000213	0.000224	0.000117	0.112	0.00000268	0.000334	0.000401	0.0012	0.000302
2074 Oct	0.000202	0.000882	0.0737	0.00000626	2.18	2.87	0.0333	0.000638	12.2	0.00152	0.0495	0.000207	0.000217	0.000114	0.11	0.00000263	0.000325	0.000393	0.00118	0.000293
2074 Nov	0.000202	0.000883	0.0738	0.00000627	2.18	2.87	0.0333	0.000639	12.2	0.00152	0.0495	0.000207	0.000217	0.000114	0.11	0.00000263	0.000325	0.000393	0.00118	0.000293
2074 Dec	0.000202	0.000883	0.0739	0.00000627	2.18	2.88	0.0333	0.000639	12.2	0.00152	0.0495	0.000207	0.000217	0.000114	0.11	0.00000264	0.000325	0.000393	0.00118	0.000293
2075 Jan	0.000202	0.000883	0.0739	0.00000627	2.18	2.88	0.0333	0.000639	12.2	0.00152	0.0495	0.000207	0.000217	0.000114	0.11	0.00000264	0.000325	0.000393	0.00118	0.000293
2075 Feb	0.000202	0.000883	0.0739	0.00000627	2.18	2.88	0.0333	0.000639	12.2	0.00152	0.0496	0.000207	0.000217	0.000114	0.11	0.00000264	0.000325	0.000393	0.00118	0.000293
2075 Mar	0.000202	0.000884	0.074	0.00000628	2.18	2.88	0.0334	0.00064	12.2	0.00152	0.0496	0.000207	0.000217	0.000115	0.11	0.00000264	0.000326	0.000394	0.00118	0.000293
2075 Apr	0.000203	0.000889	0.0743	0.00000631	2.19	2.89	0.0335	0.000643	12.3	0.00153	0.0499	0.000208	0.000218	0.000115	0.111	0.00000265	0.000327	0.000396	0.00119	0.000295
2075 May	0.000209	0.000903	0.0765	0.00000642	2.22	2.95	0.0346	0.000648	12.4	0.00155	0.0502	0.000216	0.000221	0.000117	0.113	0.00000268	0.00033	0.000408	0.00121	0.000296
2075 Jun	0.000181	0.000828	0.0676	0.00000608	2.09	2.69	0.0301	0.000615	11.6	0.00145	0.0474	0.000181	0.000218	0.000109	0.103	0.00000259	0.000315	0.000371	0.00118	0.000287
2075 Jul	0.000173	0.000821	0.0646	0.00000605	2.11	2.67	0.0289	0.000631	11.7	0.00146	0.0483	0.000168	0.000224	0.000111	0.103	0.00000265	0.000325	0.00036	0.0012	0.000299
2075 Aug	0.000177	0.000843	0.0666	0.00000626	2.16	2.73	0.0295	0.000645	12	0.00149	0.0491	0.000171	0.000228	0.000113	0.105	0.00000272	0.00033	0.000367	0.00123	0.000303
2075 Sep	0.000178	0.000855	0.0676	0.00000637	2.18	2.76	0.0297	0.000652	12	0.00151	0.0494	0.000172	0.000229	0.000114	0.106	0.00000274	0.000332	0.000369	0.00124	0.000305
2075 Oct	0.000177	0.000852	0.0675	0.00000639	2.15	2.73	0.0293	0.000648	11.9	0.0015	0.0487	0.000169	0.000225	0.000112	0.105	0.00000272	0.000327	0.000365	0.00123	0.000299
2075 Nov	0.000177	0.000854	0.0678	0.00000641	2.15	2.74	0.0293	0.000649	11.9	0.0015	0.0487	0.000169	0.000225	0.000112	0.105	0.00000273	0.000328	0.000366	0.00124	0.000299
2075 Dec	0.000177	0.000855	0.0678	0.00000641	2.16	2.74	0.0293	0.000649	11.9	0.0015	0.0487	0.000169	0.000225	0.000112	0.105	0.00000273	0.000328	0.000366	0.00124	0.000299
2076 Jan	0.000177	0.000855	0.0678	0.00000641	2.16	2.74	0.0293	0.000649	11.9	0.0015	0.0487	0.000169	0.000225	0.000112	0.106	0.00000273	0.000328	0.000366	0.00124	0.000299
2076 Feb	0.000177	0.000855	0.0678	0.00000641	2.16	2.74	0.0293	0.00065	11.9	0.0015	0.0488	0.00017	0.000226	0.000112	0.106	0.00000273	0.000328	0.000366	0.00124	0.0003
2076 Mar	0.000177	0.000856	0.0679	0.00000642	2.16	2.74	0.0294	0.00065	11.9	0.0015	0.0488	0.00017	0.000226	0.000113	0.106	0.00000273	0.000328	0.000367	0.00124	0.0003
2076 Apr	0.000178	0.000859	0.0681	0.00000644	2.17	2.75	0.0294	0.000652	12	0.00151	0.049	0.00017	0.000226	0.000113	0.106	0.00000274	0.000329	0.000368	0.00124	0.000301
2076 May	0.000189	0.000876	0.072	0.00000658	2.19	2.82	0.0313	0.000651	12	0.00153	0.0488	0.000187	0.000229	0.000114	0.109	0.00000276	0.000328	0.00039	0.00127	0.000298
2076 Jun	0.000195	0.000833	0.072	0.00000615	2.11	2.76	0.0328	0.000618	11.4	0.00146	0.0455	0.000206	0.000222	0.000111	0.106	0.00000263	0.000312	0.000401	0.0012	0.000286
2076 Jul	0.000194	0.00085	0.0715	0.00000625	2.18	2.82	0.0328	0.000646	11.8	0.00151	0.0473	0.000202	0.00023	0.000115	0.109	0.00000272	0.000328	0.000401	0.00123	0.000302
2076 Aug	0.000203	0.000888	0.0748	0.00000656	2.27	2.94	0.0341	0.000674	12.3	0.00157	0.0491	0.00021	0.000239	0.00012	0.113	0.00000284	0.000341	0.000417	0.00128	0.000313
2076 Sep	0.000204	0.0009	0.0759	0.00000667	2.29	2.96	0.0343	0.000681	12.4	0.00158	0.0494	0.000211	0.00024	0.000121	0.114	0.00000287	0.000342	0.000419	0.0013	0.000314
2076 Oct	0.000199	0.000885	0.0749	0.00000662	2.22	2.88	0.0332	0.000666	12	0.00154	0.0477	0.000203	0.000231	0.000117	0.112	0.0000028	0.000331	0.000407	0.00127	0.000302
2076 Nov	0.000198	0.000883	0.0748	0.00000662	2.21	2.87	0.033	0.000664	11.9	0.00154	0.0474	0.000201	0.00023	0.000116	0.111	0.00000279	0.000329	0.000405	0.00127	0.0003
2076 Dec	0.000198	0.000884	0.0748	0.00000662	2.22	2.87	0.033	0.000665	11.9	0.00154	0.0474	0.000201	0.00023	0.000116	0.111	0.00000279	0.000329	0.000405	0.00127	0.0003
2077 Jan	0.000198	0.000884	0.0748	0.00000662	2.22	2.87	0.033	0.000665	11.9	0.00154	0.0475	0.000202	0.00023	0.000116	0.111	0.00000279	0.000329	0.000405	0.00127	0.0003
2077 Feb	0.000198	0.000884	0.0748	0.00000662	2.22	2.87	0.033	0.000665	11.9	0.00154	0.0475	0.000202	0.00023	0.000116	0.111	0.00000279	0.000329	0.000405	0.00127	0.0003
2077 Mar	0.000198	0.000884	0.0749	0.00000663	2.22	2.88	0.033	0.000665	11.9	0.00154	0.0475	0.000202	0.00023	0.000116	0.111	0.00000279	0.000329	0.000405	0.00127	0.0003
2077 Apr	0.000199	0.000888	0.0751	0.00000665	2.22	2.89	0.0331	0.000667	12	0.00154	0.0476	0.000202	0.000231	0.000117	0.112	0.0000028	0.00033	0.000407	0.00127	0.000301
2077 May	0.000207	0.000898	0.0778	0.00000672	2.24	2.93	0.0345	0.000666	12	0.00156	0.0475	0.000215	0.000233	0.000118	0.114	0.00000281	0.000329	0.000423	0.00129	0.0003
2077 Jun	0.000207	0.000851	0.0758	0.00000626	2.16	2.85	0.0349	0.000636	11.4	0.00149	0.0447	0.000224	0.000226	0.000114	0.11	0.00000269	0.000315	0.000423	0.00122	0.000289
2077 Jul	0.000215	0.000888	0.0793	0.00000661	2.25	2.96	0.0363	0.000661	11.9	0.00155	0.0464	0.000232	0.000237	0.000119	0.115	0.00000281	0.000328	0.000442	0.00129	0.000301
2077 Aug	0.000224	0.000929	0.083	0.00000693	2.34	3.09	0.0378	0.000691	12.4	0.00162	0.0484	0.000241	0.000246	0.000124	0.12	0.00000294	0.000341	0.000461	0.00135	0.000313
2077 Sep	0.000214	0.0009	0.0803	0.00000683	2.23	2.95	0.0356	0.000667	11.8	0.00155	0.0457	0.000225	0.000231	0.000118	0.115	0.00000282	0.000323	0.000435	0.0013	0.000294
2077 Oct	0.000209	0.000894	0.0791	0.00000678	2.21	2.92	0.0348	0.000668	11.6	0.00154	0.0453	0.000218	0.000228	0.000117	0.113	0.00000281	0.00032	0.000424	0.00128	0.000292
2077 Nov	0.00021	0.000897	0.0793	0.0000068	2.22	2.92	0.0349	0.00067	11.7	0.00154	0.0455	0.000219	0.000228	0.000117	0.114	0.00000281	0.000321	0.000425	0.00128	0.000292
2077 Dec	0.00021	0.000897	0.0794	0.0000068	2.22	2.93	0.0349	0.00067	11.7	0.00154	0.0455	0.000219	0.000228	0.000117	0.114	0.00000282	0.000321	0.000426	0.00128	0.000293
2078 Jan	0.00021	0.000897	0.0794	0.0000068	2.22	2.93	0.0349	0.00067	11.7	0.00154	0.0455	0.000219	0.000228	0.000117	0.114	0.00000282	0.000321	0.000426	0.00128	0.000293
2078 Feb	0.00021	0.000897	0.0794	0.0000068	2.22	2.93	0.0349	0.00067	11.7	0.00154	0.0455	0.000219	0.000228	0.000117	0.114	0.00000282	0.000321	0.000426	0.00128	0.000293
2078 Mar	0.00021	0.000898	0.0794	0.00000681	2.22	2.93	0.0349	0.000671	11.7	0.00154	0.0455	0.000219	0.000228	0.000117	0.114	0.00000282	0.000322	0.000426	0.00128	0.000293
2078 Apr	0.000212	0.000904	0.0799	0.00000685	2.24	2.95	0.0351	0.000675	11.8	0.00155	0.0458	0.00022	0.00023	0.000118	0.115	0.00000284	0.000324	0.000429	0.00129	0.000295
2078 May	0.000225	0.000905	0.0833	0.00000676	2.24	3	0.0377	0.000667	11.7	0.00155	0.045	0.000245	0.00023	0.000119	0.117	0.00000281	0.000319	0.000453	0.00128	0.000291
2078 Jun	0.000216	0.00085	0.0765	0.00000608	2.22	2.93	0.0368	0.000667	11.5	0.0015	0.0435	0.000237	0.000227	0.000118	0.113	0.00000273	0.000327	0.00043	0.00118	0.000304
2078 Jul	0.000224	0.00089	0.0798	0.00000639	2.32	3.06	0.0382	0.0007	12.1	0.00157	0.0456	0.000246	0.000238	0.000123	0.119	0.00000286	0.000344	0.000447	0.00123	0.00032
2078 Aug	0.000228	0.000912	0.082	0.00000662	2.36	3.11	0.0388	0.000712	12.3	0.00161	0.0462	0.000249	0.000241	0.000126	0.121	0.00000292	0.000348	0.000453	0.00127	0.000323

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Sep	0.000229	0.000922	0.0829	0.00000673	2.37	3.13	0.0388	0.000717	12.3	0.00162	0.0462	0.000249	0.000241	0.000126	0.121	0.00000294	0.000348	0.000453	0.00128	0.000322
2078 Oct	0.000226	0.000916	0.0824	0.00000673	2.34	3.09	0.0382	0.00071	12.1	0.0016	0.0455	0.000245	0.000236	0.000124	0.12	0.00000291	0.000343	0.000447	0.00127	0.000316
2078 Nov	0.000226	0.000917	0.0825	0.00000674	2.34	3.09	0.0381	0.00071	12.1	0.0016	0.0454	0.000244	0.000236	0.000124	0.12	0.00000291	0.000342	0.000447	0.00127	0.000315
2078 Dec	0.000226	0.000917	0.0825	0.00000674	2.34	3.09	0.0381	0.00071	12.1	0.0016	0.0454	0.000244	0.000236	0.000124	0.12	0.00000291	0.000342	0.000447	0.00127	0.000315
2079 Jan	0.000226	0.000917	0.0825	0.00000674	2.34	3.09	0.0381	0.00071	12.1	0.0016	0.0454	0.000244	0.000236	0.000124	0.12	0.00000291	0.000342	0.000447	0.00127	0.000315
2079 Feb	0.000226	0.000917	0.0825	0.00000674	2.34	3.09	0.0381	0.00071	12.1	0.0016	0.0454	0.000244	0.000236	0.000124	0.12	0.00000291	0.000342	0.000447	0.00127	0.000315
2079 Mar	0.000226	0.000918	0.0826	0.00000675	2.34	3.09	0.0382	0.000711	12.1	0.0016	0.0454	0.000244	0.000236	0.000124	0.12	0.00000291	0.000342	0.000447	0.00127	0.000316
2079 Apr	0.000227	0.000921	0.0829	0.00000677	2.35	3.1	0.0383	0.000714	12.1	0.0016	0.0456	0.000245	0.000237	0.000124	0.12	0.00000292	0.000344	0.000449	0.00127	0.000317
2079 May	0.000232	0.000936	0.0846	0.00000689	2.38	3.15	0.0391	0.000723	12.3	0.00163	0.0462	0.000251	0.000241	0.000126	0.122	0.00000297	0.000348	0.000458	0.00129	0.000321
2079 Jun	0.000208	0.000853	0.0766	0.0000064	2.21	2.89	0.0355	0.000674	11.3	0.00151	0.0425	0.000225	0.000231	0.000117	0.112	0.0000028	0.000325	0.000426	0.00123	0.000303
2079 Jul	0.000201	0.000851	0.0742	0.00000642	2.24	2.88	0.0343	0.000691	11.5	0.00152	0.0432	0.000212	0.000236	0.000118	0.112	0.00000286	0.000335	0.000416	0.00125	0.000314
2079 Aug	0.000208	0.000885	0.0773	0.00000671	2.32	2.98	0.0355	0.000715	11.9	0.00157	0.0446	0.00022	0.000244	0.000123	0.116	0.00000297	0.000345	0.000429	0.0013	0.000323
2079 Sep	0.000205	0.00088	0.0771	0.00000674	2.27	2.93	0.0347	0.000706	11.6	0.00155	0.0436	0.000214	0.000237	0.00012	0.114	0.00000293	0.000337	0.00042	0.00128	0.000314
2079 Oct	0.0002	0.000871	0.0757	0.00000667	2.24	2.89	0.0337	0.000703	11.4	0.00153	0.0429	0.000206	0.000232	0.000118	0.113	0.00000289	0.000332	0.000409	0.00126	0.000309
2079 Nov	0.000198	0.000867	0.0748	0.00000663	2.23	2.87	0.0333	0.000705	11.4	0.00152	0.0428	0.000202	0.00023	0.000117	0.112	0.00000289	0.000332	0.000402	0.00125	0.000309
2079 Dec	0.000196	0.000865	0.0744	0.00000661	2.23	2.86	0.033	0.000706	11.4	0.00151	0.0427	0.0002	0.000229	0.000117	0.112	0.00000288	0.000331	0.000399	0.00124	0.000309
2080 Jan	0.000196	0.000865	0.0744	0.00000661	2.23	2.86	0.033	0.000706	11.4	0.00151	0.0427	0.0002	0.000229	0.000117	0.112	0.00000288	0.000331	0.000399	0.00124	0.000309
2080 Feb	0.000196	0.000865	0.0744	0.00000661	2.23	2.86	0.033	0.000706	11.4	0.00151	0.0427	0.0002	0.000229	0.000117	0.112	0.00000288	0.000331	0.000399	0.00124	0.000309
2080 Mar	0.000196	0.000865	0.0744	0.00000661	2.23	2.86	0.033	0.000706	11.4	0.00151	0.0427	0.0002	0.000229	0.000117	0.112	0.00000288	0.000331	0.000399	0.00124	0.000309
2080 Apr	0.000197	0.000867	0.0746	0.00000662	2.23	2.87	0.0331	0.000708	11.4	0.00152	0.0429	0.0002	0.000229	0.000117	0.112	0.00000289	0.000332	0.0004	0.00124	0.00031
2080 May	0.0002	0.000882	0.0758	0.00000673	2.27	2.91	0.0336	0.00072	11.6	0.00154	0.0436	0.000204	0.000233	0.000119	0.114	0.00000294	0.000338	0.000407	0.00127	0.000315
2080 Jun	0.000183	0.000837	0.0705	0.00000654	2.19	2.76	0.0311	0.000699	11.1	0.00149	0.0419	0.000183	0.000232	0.000115	0.108	0.00000288	0.00033	0.000387	0.00125	0.00031
2080 Jul	0.000176	0.000829	0.0683	0.00000652	2.2	2.74	0.03	0.000707	11.1	0.00149	0.042	0.000172	0.000235	0.000115	0.107	0.00000291	0.000336	0.000376	0.00126	0.000317
2080 Aug	0.000179	0.000849	0.0702	0.00000674	2.23	2.78	0.0304	0.000718	11.3	0.00151	0.0425	0.000175	0.000238	0.000117	0.109	0.00000297	0.00034	0.00038	0.00129	0.00032
2080 Sep	0.000176	0.000844	0.0695	0.00000674	2.21	2.75	0.0297	0.000716	11.1	0.0015	0.0419	0.000169	0.000232	0.000115	0.108	0.00000295	0.000335	0.00037	0.00127	0.000315
2080 Oct	0.000172	0.000838	0.068	0.00000664	2.2	2.73	0.029	0.000722	11.1	0.00148	0.0417	0.000163	0.000229	0.000115	0.107	0.00000294	0.000334	0.00036	0.00124	0.000315
2080 Nov	0.00017	0.000833	0.0669	0.00000657	2.19	2.71	0.0285	0.000725	11	0.00147	0.0416	0.000158	0.000226	0.000114	0.106	0.00000293	0.000334	0.000352	0.00123	0.000315
2080 Dec	0.00017	0.000833	0.0669	0.00000656	2.19	2.71	0.0285	0.000725	11	0.00147	0.0416	0.000158	0.000226	0.000114	0.106	0.00000293	0.000334	0.000352	0.00123	0.000315
2081 Jan	0.00017	0.000833	0.0669	0.00000657	2.19	2.71	0.0285	0.000725	11	0.00147	0.0416	0.000158	0.000226	0.000114	0.106	0.00000293	0.000334	0.000352	0.00123	0.000315
2081 Feb	0.00017	0.000833	0.0669	0.00000657	2.19	2.71	0.0285	0.000725	11.1	0.00147	0.0416	0.000158	0.000226	0.000114	0.106	0.00000293	0.000334	0.000352	0.00123	0.000315
2081 Mar	0.00017	0.000833	0.0669	0.00000657	2.19	2.71	0.0285	0.000726	11.1	0.00147	0.0416	0.000158	0.000226	0.000114	0.106	0.00000293	0.000334	0.000352	0.00123	0.000316
2081 Apr	0.000171	0.000836	0.0672	0.00000659	2.2	2.72	0.0287	0.000728	11.1	0.00148	0.0418	0.000159	0.000227	0.000115	0.107	0.00000294	0.000335	0.000354	0.00123	0.000317
2081 May	0.000187	0.000852	0.0721	0.00000665	2.23	2.81	0.0315	0.000725	11.1	0.0015	0.0415	0.000185	0.00023	0.000117	0.11	0.00000295	0.000333	0.000384	0.00125	0.000314
2081 Jun	0.000192	0.000833	0.0713	0.00000631	2.24	2.84	0.033	0.000728	11.2	0.00149	0.0406	0.000198	0.000231	0.000118	0.111	0.00000291	0.00034	0.000392	0.0012	0.000324
2081 Jul	0.000202	0.00088	0.0748	0.00000666	2.38	3	0.0347	0.000774	11.8	0.00158	0.0431	0.000207	0.000245	0.000125	0.117	0.00000309	0.000362	0.000412	0.00127	0.000345
2081 Aug	0.000213	0.000928	0.0789	0.00000704	2.51	3.16	0.0365	0.000816	12.5	0.00167	0.0453	0.000218	0.000258	0.000132	0.124	0.00000325	0.000381	0.000434	0.00133	0.000363
2081 Sep	0.000211	0.000929	0.0791	0.00000711	2.49	3.14	0.0361	0.000812	12.3	0.00166	0.0448	0.000215	0.000255	0.000131	0.123	0.00000324	0.000377	0.000429	0.00133	0.000358
2081 Oct	0.00021	0.000929	0.0792	0.00000713	2.47	3.13	0.0359	0.00081	12.3	0.00165	0.0445	0.000213	0.000252	0.00013	0.123	0.00000323	0.000374	0.000427	0.00133	0.000354
2081 Nov	0.000208	0.000922	0.0787	0.0000071	2.44	3.09	0.0353	0.0008	12.1	0.00163	0.0438	0.000209	0.000248	0.000128	0.121	0.00000319	0.000368	0.000421	0.00132	0.000347
2081 Dec	0.000208	0.000922	0.0787	0.0000071	2.44	3.09	0.0353	0.0008	12.1	0.00163	0.0437	0.000209	0.000247	0.000128	0.121	0.00000318	0.000367	0.00042	0.00132	0.000347
2082 Jan	0.000208	0.000922	0.0787	0.0000071	2.44	3.09	0.0353	0.0008	12.1	0.00163	0.0437	0.000209	0.000247	0.000128	0.121	0.00000318	0.000368	0.00042	0.00132	0.000347
2082 Feb	0.000208	0.000922	0.0787	0.0000071	2.44	3.09	0.0353	0.0008	12.1	0.00163	0.0437	0.000209	0.000247	0.000128	0.121	0.00000319	0.000368	0.000421	0.00132	0.000347
2082 Mar	0.000208	0.000922	0.0787	0.0000071	2.44	3.09	0.0353	0.000801	12.1	0.00163	0.0438	0.000209	0.000248	0.000128	0.121	0.00000319	0.000368	0.000421	0.00132	0.000347
2082 Apr	0.000209	0.000925	0.079	0.00000713	2.45	3.1	0.0354	0.000803	12.1	0.00164	0.0439	0.00021	0.000248	0.000128	0.121	0.0000032	0.000369	0.000422	0.00132	0.000348
2082 May	0.000212	0.000939	0.0802	0.00000723	2.48	3.15	0.0359	0.000815	12.3	0.00166	0.0446	0.000213	0.000252	0.00013	0.123	0.00000325	0.000374	0.000428	0.00134	0.000354
2082 Jun	0.000185	0.000854	0.0721	0.00000683	2.28	2.84	0.0316	0.000752	11.2	0.00153	0.0408	0.000182	0.000242	0.00012	0.112	0.00000305	0.000346	0.000395	0.0013	0.000329
2082 Jul	0.00017	0.000821	0.0663	0.00000658	2.27	2.76	0.0295	0.000759	11.1	0.0015	0.0405	0.000162	0.000244	0.000119	0.108	0.00000306	0.000352	0.000372	0.00127	0.000339
2082 Aug	0.000176	0.000853	0.069	0.00000687	2.34	2.85	0.0304	0.000785	11.5	0.00156	0.0418	0.000168	0.000251	0.000123	0.112	0.00000317	0.000363	0.000383	0.00132	0.000349
2082 Sep	0.000178	0.000863	0.07	0.00000698	2.36	2.87	0.0306	0.000791	11.5	0.00157	0.042	0.000168	0.000251	0.000123	0.113	0.00000319	0.000364	0.000385	0.00133	0.000349
2082 Oct	0.000172	0.000842	0.0686	0.00000686	2.26	2.77	0.0292	0.000764	11	0.00151	0.04	0.000159	0.000238	0.000118	0.109	0.00000307	0.000347	0.00037	0.00129	0.000331
2082 Nov	0.000172	0.000844	0.0688	0.00000688	2.26	2.77	0.0292	0.000765	11	0.00151	0.0401	0.00016	0.000239	0.000118	0.109	0.00000308	0.000347	0.00037	0.00129	0.000331
2082 Dec	0.000172	0.000845	0.0689	0.00000689	2.26	2.77	0.0292	0.000766	11	0.00151	0.0401	0.00016	0.000239	0.000118	0.109	0.00000308	0.000348	0.00037	0.00129	0.000331
2083 Jan	0.000172	0.000845	0.0689	0.00000689	2.26	2.77	0.0292	0.000766	11	0.00151	0.0401	0.00016	0.000239	0.000118	0.109	0.00000308	0.000348	0.00037	0.00129	0.000331
2083 Feb	0.000172	0.000845	0.0689	0.00000689	2.27	2.77	0.0292	0.000766	11	0.00151	0.0401	0.00016	0.000239	0.000118	0.109	0.00000308	0.000348	0.000371	0.00129	0.000331
2083 Mar	0.000172	0.000846	0.0689	0.0000069	2.27	2.78	0.0293	0.000767	11.1	0.00152	0.0401	0.00016	0.000239	0.000118	0.109	0.00000308	0.000348	0.000371	0.0013	0.000332
2083 Apr	0.000173	0.00085	0.0692	0.00000693	2.28	2.79	0.0294	0.00077	11.1	0.00152	0.0403	0.000161	0.00024	0.000118	0.11	0.0000031	0.000349	0.000372	0.0013	0.000333
2083 May	0.000187	0.000866	0.0735	0.000007	2.3	2.87	0.0318	0.000769	11.2	0.00154	0.0402	0.000182	0.000243	0.000121	0.113	0.00000311	0.000348	0.000398	0.00132	0.000331
2083 Jun	0.000192	0.000823	0.0714	0.00000636	2.27	2.85	0.0334	0.000757	10.9	0.00149	0.0384	0.000199	0.000237	0.00012	0.112	0.00000301	0.000345	0.000401	0.00122	0.000334
2083 Jul	0.000192	0.000841	0.0715	0.0000065	2.35	2.92	0.0335	0.000789	11.3	0.00154	0.0397	0.000197	0.000245	0.000124	0.115	0.00000311	0.000361	0.000402	0.00124	0.000351
2083 Aug	0.000194	0.000859	0.0735	0.00000672	2.36	2.94	0.0336	0.000791	11.3	0.00155	0.0397	0.000198	0.000246	0.000124	0.116	0.00000315	0.00036	0.000402	0.00127	0.000349
2083 Sep	0.00019	0.000853	0.0725	0.0000067	2.33	2.9	0.0327	0.000789	11.1	0.00153	0.0391	0.000191	0.00024	0.000122	0.114	0.00000312	0.000355	0.000391	0.00125	0.000343
2083 Oct	0.000179	0.000829	0.0682	0.00000643	2.28	2.81	0.0307	0.000792	10.9	0.00148	0.0384	0.000173	0.00023	0.000119	0.111	0.00000307	0.000351	0.000362	0.00118	0.000341
2083 Nov	0.000175	0.000823	0.0668	0.00000635	2.27	2.79	0.0301	0.000797	10.9	0.00147	0.0382	0.000168	0.000228	0.000119	0.11	0.00000307	0.000352	0.000354	0.00117	0.000343
2083 Dec	0.000176	0.000823	0.0669	0.00000635	2.27	2.79	0.0301	0.000797	10.9	0.00147	0.0383	0.000168	0.000228	0.000119	0.11	0.00000307	0.000352	0.000354	0.00117	0.000343
2084 Jan	0.000176	0.000823	0.0669	0.00000635	2.27	2.79	0.0301	0.000797	10.9	0.00147	0.0383	0.000168	0.000229	0.000119	0.11	0.00000307	0.000352	0.000354	0.00117	0.000343
2084 Feb	0.000176	0.000823	0.0669	0.00000636	2.27	2.79	0.0301	0.000798	10.9	0.00147	0.0383	0.000168	0.000229	0.000119	0.11	0.00000307	0.000352	0.000354	0.00117	0.000343
2084 Mar	0.000176	0.000824	0.0669	0.00000636	2.28	2.79	0.0302	0.000798	10.9	0.00148	0.0383	0.000168	0.000229	0.000119	0.11	0.00000307	0.000352	0.000355	0.00117	0.000343

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Apr	0.000177	0.000829	0.0674	0.0000064	2.29	2.81	0.0304	0.000803	11	0.00149	0.0385	0.000169	0.00023	0.00012	0.111	0.00000309	0.000355	0.000357	0.00118	0.000346
2084 May	0.000194	0.000849	0.0728	0.00000651	2.32	2.91	0.0334	0.000799	11	0.00151	0.0383	0.000197	0.000234	0.000122	0.115	0.0000031	0.000352	0.00039	0.0012	0.000343
2084 Jun	0.000194	0.000811	0.0699	0.00000603	2.31	2.89	0.0342	0.000796	10.9	0.00149	0.0368	0.000204	0.000233	0.000122	0.114	0.00000303	0.000358	0.00039	0.00113	0.000352
2084 Jul	0.000198	0.000838	0.0715	0.00000626	2.4	2.99	0.0349	0.000829	11.3	0.00154	0.0381	0.000206	0.000243	0.000127	0.117	0.00000315	0.000374	0.000399	0.00117	0.000368
2084 Aug	0.000204	0.000866	0.074	0.00000651	2.47	3.07	0.0358	0.000853	11.6	0.00159	0.0391	0.000212	0.000249	0.00013	0.121	0.00000325	0.000384	0.000409	0.00121	0.000377
2084 Sep	0.000202	0.000864	0.074	0.00000655	2.44	3.04	0.0353	0.000845	11.4	0.00157	0.0385	0.000208	0.000244	0.000129	0.119	0.00000322	0.000377	0.000403	0.00121	0.00037
2084 Oct	0.000196	0.000851	0.0726	0.00000649	2.38	2.97	0.034	0.000831	11.1	0.00154	0.0375	0.000199	0.000236	0.000125	0.117	0.00000315	0.000367	0.00039	0.00118	0.000358
2084 Nov	0.000193	0.000846	0.0716	0.00000644	2.37	2.94	0.0335	0.000832	11.1	0.00152	0.0373	0.000194	0.000234	0.000124	0.116	0.00000315	0.000366	0.000383	0.00117	0.000358
2084 Dec	0.000193	0.000846	0.0717	0.00000644	2.37	2.94	0.0335	0.000832	11.1	0.00153	0.0374	0.000194	0.000234	0.000124	0.116	0.00000315	0.000366	0.000383	0.00117	0.000358
2085 Jan	0.000193	0.000847	0.0717	0.00000644	2.37	2.94	0.0335	0.000832	11.1	0.00153	0.0374	0.000194	0.000234	0.000124	0.116	0.00000315	0.000366	0.000383	0.00117	0.000358
2085 Feb	0.000193	0.000847	0.0717	0.00000644	2.37	2.95	0.0335	0.000832	11.1	0.00153	0.0374	0.000194	0.000234	0.000124	0.116	0.00000315	0.000366	0.000383	0.00117	0.000358
2085 Mar	0.000193	0.000847	0.0717	0.00000645	2.37	2.95	0.0335	0.000833	11.1	0.00153	0.0374	0.000194	0.000234	0.000124	0.116	0.00000315	0.000366	0.000383	0.00117	0.000358
2085 Apr	0.000194	0.00085	0.0719	0.00000647	2.38	2.96	0.0337	0.000835	11.1	0.00153	0.0375	0.000195	0.000235	0.000125	0.116	0.00000316	0.000367	0.000385	0.00118	0.000359
2085 May	0.000207	0.000864	0.0761	0.00000654	2.39	3.03	0.036	0.000831	11.1	0.00155	0.0373	0.000217	0.000237	0.000127	0.119	0.00000317	0.000364	0.000411	0.00119	0.000356
2085 Jun	0.000215	0.000855	0.077	0.00000638	2.4	3.06	0.0375	0.000831	11.1	0.00155	0.0368	0.000231	0.000239	0.000128	0.121	0.00000316	0.000364	0.000424	0.00118	0.000359
2085 Jul	0.000223	0.000894	0.0807	0.0000067	2.5	3.18	0.039	0.000864	11.6	0.00161	0.0383	0.000241	0.000249	0.000133	0.126	0.0000033	0.000378	0.000442	0.00123	0.000373
2085 Aug	0.000222	0.000896	0.081	0.00000681	2.48	3.16	0.0385	0.000856	11.4	0.0016	0.0377	0.000237	0.000245	0.000132	0.125	0.00000329	0.000372	0.000435	0.00124	0.000365
2085 Sep	0.000211	0.000876	0.0774	0.00000667	2.43	3.07	0.0365	0.000853	11.2	0.00156	0.037	0.00022	0.000237	0.000129	0.121	0.00000324	0.000366	0.00041	0.0012	0.00036
2085 Oct	0.000201	0.000857	0.0738	0.00000649	2.4	3	0.0348	0.000859	11.1	0.00153	0.0367	0.000204	0.000233	0.000127	0.119	0.00000322	0.000366	0.000388	0.00116	0.000362
2085 Nov	0.000196	0.000849	0.072	0.0000064	2.39	2.98	0.0341	0.000864	11	0.00152	0.0365	0.000197	0.000231	0.000126	0.118	0.00000322	0.000368	0.000378	0.00114	0.000365
2085 Dec	0.000196	0.000849	0.072	0.0000064	2.39	2.98	0.0341	0.000864	11	0.00152	0.0365	0.000197	0.000231	0.000126	0.118	0.00000322	0.000368	0.000378	0.00114	0.000365
2086 Jan	0.000196	0.000849	0.072	0.0000064	2.39	2.98	0.0341	0.000864	11	0.00152	0.0365	0.000197	0.000231	0.000126	0.118	0.00000322	0.000368	0.000378	0.00114	0.000365
2086 Feb	0.000196	0.000849	0.072	0.0000064	2.39	2.98	0.0341	0.000864	11	0.00152	0.0365	0.000197	0.000231	0.000126	0.118	0.00000322	0.000368	0.000378	0.00114	0.000365
2086 Mar	0.000196	0.00085	0.072	0.00000641	2.39	2.98	0.0341	0.000864	11	0.00152	0.0365	0.000197	0.000231	0.000126	0.118	0.00000322	0.000368	0.000378	0.00114	0.000365
2086 Apr	0.000197	0.000854	0.0724	0.00000644	2.41	2.99	0.0342	0.000868	11.1	0.00153	0.0367	0.000198	0.000232	0.000127	0.119	0.00000323	0.00037	0.00038	0.00115	0.000367
2086 May	0.000205	0.00087	0.0749	0.00000656	2.44	3.05	0.0355	0.000875	11.2	0.00156	0.037	0.000208	0.000235	0.000129	0.121	0.00000327	0.000372	0.000394	0.00117	0.000369
2086 Jun	0.000199	0.000824	0.0716	0.00000619	2.39	2.97	0.0352	0.000854	10.8	0.00151	0.0352	0.000208	0.000236	0.000127	0.117	0.00000319	0.000369	0.000394	0.00114	0.00037
2086 Jul	0.000199	0.000847	0.0716	0.0000064	2.5	3.07	0.0354	0.000902	11.3	0.00158	0.0367	0.000204	0.00025	0.000132	0.121	0.00000335	0.000393	0.000398	0.00118	0.000395
2086 Aug	0.000203	0.00087	0.0738	0.00000664	2.54	3.12	0.0359	0.000918	11.5	0.00161	0.0373	0.000207	0.000253	0.000134	0.123	0.00000342	0.000399	0.000403	0.00121	0.0004
2086 Sep	0.0002	0.000866	0.0736	0.0000067	2.5	3.07	0.0351	0.000904	11.3	0.00159	0.0365	0.000202	0.000246	0.000132	0.121	0.00000338	0.000389	0.000395	0.00121	0.000388
2086 Oct	0.000199	0.000867	0.0737	0.00000672	2.48	3.06	0.0349	0.0009	11.2	0.00158	0.0362	0.0002	0.000244	0.000131	0.121	0.00000336	0.000386	0.000392	0.00121	0.000384
2086 Nov	0.000199	0.000869	0.0739	0.00000674	2.49	3.07	0.035	0.000903	11.2	0.00159	0.0363	0.0002	0.000244	0.000131	0.121	0.00000337	0.000387	0.000393	0.00121	0.000385
2086 Dec	0.000199	0.000869	0.074	0.00000674	2.49	3.07	0.035	0.000903	11.3	0.00159	0.0363	0.0002	0.000245	0.000131	0.121	0.00000337	0.000387	0.000394	0.00121	0.000385
2087 Jan	0.000199	0.000869	0.074	0.00000674	2.49	3.07	0.035	0.000903	11.3	0.00159	0.0363	0.0002	0.000245	0.000131	0.121	0.00000337	0.000387	0.000394	0.00121	0.000385
2087 Feb	0.000199	0.00087	0.074	0.00000675	2.49	3.07	0.035	0.000903	11.3	0.00159	0.0363	0.0002	0.000245	0.000131	0.121	0.00000337	0.000387	0.000394	0.00121	0.000386
2087 Mar	0.0002	0.000871	0.0741	0.00000675	2.49	3.07	0.035	0.000904	11.3	0.00159	0.0363	0.0002	0.000245	0.000131	0.121	0.00000338	0.000387	0.000394	0.00121	0.000386
2087 Apr	0.0002	0.000873	0.0742	0.00000677	2.5	3.08	0.0351	0.000906	11.3	0.00159	0.0364	0.000201	0.000245	0.000132	0.122	0.00000338	0.000388	0.000395	0.00121	0.000387
2087 May	0.000207	0.00088	0.0764	0.0000068	2.51	3.12	0.0363	0.000904	11.3	0.0016	0.0363	0.000212	0.000247	0.000133	0.123	0.00000339	0.000387	0.000409	0.00122	0.000385
2087 Jun	0.000215	0.000858	0.0773	0.00000653	2.47	3.1	0.0379	0.000885	11	0.00157	0.0352	0.00023	0.000245	0.000132	0.123	0.00000333	0.000375	0.000424	0.00119	0.000378
2087 Jul	0.000219	0.000884	0.0799	0.00000679	2.53	3.17	0.0387	0.000903	11.3	0.00161	0.0359	0.000235	0.000251	0.000135	0.126	0.00000342	0.000382	0.000435	0.00124	0.000384
2087 Aug	0.000227	0.000919	0.0832	0.00000709	2.61	3.29	0.04	0.000934	11.6	0.00167	0.0371	0.000243	0.00026	0.000139	0.13	0.00000355	0.000395	0.000449	0.00129	0.000397
2087 Sep	0.00023	0.000936	0.0847	0.00000724	2.65	3.33	0.0404	0.000947	11.8	0.00169	0.0376	0.000245	0.000262	0.000141	0.132	0.0000036	0.000399	0.000455	0.00131	0.0004
2087 Oct	0.000228	0.000932	0.0844	0.00000724	2.62	3.3	0.0398	0.000938	11.6	0.00167	0.0371	0.000241	0.000258	0.000139	0.131	0.00000356	0.000393	0.000449	0.0013	0.000393
2087 Nov	0.000227	0.00093	0.0842	0.00000724	2.6	3.28	0.0396	0.000934	11.6	0.00166	0.0369	0.000239	0.000256	0.000138	0.13	0.00000354	0.000391	0.000447	0.00129	0.000391
2087 Dec	0.000227	0.00093	0.0843	0.00000724	2.6	3.28	0.0396	0.000934	11.6	0.00167	0.0369	0.000239	0.000256	0.000138	0.13	0.00000355	0.000391	0.000447	0.00129	0.000391
2088 Jan	0.000227	0.00093	0.0843	0.00000724	2.6	3.28	0.0396	0.000934	11.6	0.00167	0.0369	0.00024	0.000256	0.000138	0.13	0.00000355	0.000391	0.000447	0.0013	0.000391
2088 Feb	0.000227	0.00093	0.0843	0.00000724	2.6	3.28	0.0396	0.000934	11.6	0.00167	0.0369	0.00024	0.000256	0.000138	0.13	0.00000355	0.000391	0.000447	0.0013	0.000391
2088 Mar	0.000227	0.000931	0.0844	0.00000725	2.61	3.29	0.0397	0.000935	11.6	0.00167	0.0369	0.00024	0.000256	0.000138	0.13	0.00000355	0.000391	0.000448	0.0013	0.000391
2088 Apr	0.000229	0.00094	0.0851	0.00000731	2.63	3.32	0.04	0.000944	11.7	0.00168	0.0372	0.000242	0.000259	0.00014	0.132	0.00000358	0.000395	0.000452	0.00131	0.000395
2088 May	0.000234	0.000959	0.087	0.00000746	2.68	3.38	0.0409	0.000962	11.9	0.00172	0.038	0.000247	0.000264	0.000142	0.134	0.00000365	0.000403	0.000461	0.00133	0.000402
2088 Jun	0.000221	0.000912	0.0839	0.00000737	2.53	3.19	0.0385	0.0009	11.2	0.00164	0.0356	0.000233	0.000258	0.000134	0.127	0.0000035	0.000376	0.000452	0.00134	0.000375
2088 Jul	0.000224	0.000937	0.0858	0.00000764	2.6	3.26	0.0391	0.000928	11.5	0.00169	0.0367	0.000235	0.000268	0.000138	0.13	0.00000363	0.000388	0.000465	0.0014	0.000388
2088 Aug	0.000237	0.000994	0.091	0.00000812	2.76	3.46	0.0414	0.000983	12.1	0.00179	0.0389	0.000248	0.000284	0.000146	0.138	0.00000385	0.00041	0.000492	0.00149	0.00041
2088 Sep	0.00024	0.00101	0.0924	0.00000826	2.79	3.5	0.0418	0.000995	12.3	0.00181	0.0393	0.00025	0.000286	0.000148	0.139	0.00000389	0.000414	0.000497	0.00151	0.000413
2088 Oct	0.00023	0.000979	0.0898	0.00000807	2.66	3.35	0.0397	0.000954	11.7	0.00173	0.0373	0.000236	0.00027	0.00014	0.133	0.00000372	0.000392	0.000474	0.00145	0.000389
2088 Nov	0.000228	0.000974	0.0894	0.00000805	2.64	3.32	0.0393	0.000947	11.6	0.00172	0.037	0.000234	0.000267	0.000139	0.132	0.00000369	0.000388	0.00047	0.00144	0.000385
2088 Dec	0.000228	0.000975	0.0895	0.00000806	2.64	3.32	0.0393	0.000948	11.6	0.00172	0.037	0.000234	0.000267	0.000139	0.132	0.0000037	0.000389	0.00047	0.00144	0.000385
2089 Jan	0.000228	0.000975	0.0895	0.00000806	2.64	3.32	0.0393	0.000948	11.6	0.00172	0.037	0.000234	0.000267	0.000139	0.132	0.0000037	0.000389	0.00047	0.00144	0.000385
2089 Feb	0.000228	0.000975	0.0895	0.00000806	2.64	3.32	0.0393	0.000948	11.6	0.00172	0.037	0.000234	0.000267	0.000139	0.132	0.0000037	0.000389	0.00047	0.00144	0.000385
2089 Mar	0.000228	0.000976	0.0896	0.00000807	2.64	3.33	0.0393	0.000949	11.6	0.00172	0.037	0.000234	0.000268	0.000139	0.133	0.0000037	0.000389	0.00047	0.00145	0.000385
2089 Apr	0.00023	0.000982	0.0901	0.00000811	2.66	3.35	0.0396	0.000955	11.7	0.00173	0.0373	0.000235	0.000269	0.00014	0.133	0.00000372	0.000391	0.000473	0.00145	0.000388
2089 May	0.000241	0.000993	0.0936	0.00000817	2.67	3.4	0.0415	0.000947	11.7	0.00174	0.037	0.000253	0.00027	0.000141	0.135	0.00000372	0.000388	0.000494	0.00147	0.000383
2089 Jun	0.000251	0.000973	0.0951	0.00000787	2.62	3.4	0.0435	0.00092	11.4	0.00171	0.0357	0.000275	0.000267	0.00014	0.135	0.00000362	0.000376	0.000512	0.00143	0.000374
2089 Jul	0.000258	0.00101	0.0986	0.0000082	2.69	3.49	0.0446	0.000943	11.7	0.00176	0.0367	0.000283	0.000274	0.000144	0.139	0.00000373	0.000385	0.000527	0.00148	0.000382
2089 Aug	0.000266	0.00104	0.102	0.00000854	2.77	3.6	0.0459	0.00097	12	0.00182	0.0377	0.000291	0.000282	0.000148	0.143	0.00000385	0.000395	0.000541	0.00153	0.000391
2089 Sep	0.000266	0.00105	0.103	0.00000861	2.77	3.59	0.0457	0.00097	12	0.00182	0.0376	0.000289	0.00028	0.000147	0.143	0.00000385	0.000393	0.000539	0.00154	0.000389
2089 Oct	0.000247	0.001	0.0963	0.0000082	2.64	3.4	0.0422	0.000941	11.4	0.00173	0.0359	0.000263	0.000263	0.00014	0.136	0.00000369	0.000376	0.000498	0.00145	0.000372

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Nov	0.000244	0.000995	0.0951	0.00000814	2.63	3.39	0.0418	0.000944	11.4	0.00172	0.0359	0.000259	0.000262	0.000139	0.135	0.00000369	0.000377	0.000491	0.00143	0.000374
2089 Dec	0.000244	0.000995	0.0952	0.00000814	2.63	3.39	0.0418	0.000945	11.4	0.00172	0.0359	0.000259	0.000262	0.000139	0.135	0.00000369	0.000377	0.000492	0.00143	0.000374
2090 Jan	0.000244	0.000995	0.0952	0.00000814	2.63	3.39	0.0418	0.000945	11.4	0.00172	0.0359	0.000259	0.000262	0.000139	0.135	0.00000369	0.000377	0.000492	0.00144	0.000374
2090 Feb	0.000245	0.000996	0.0952	0.00000815	2.64	3.39	0.0418	0.000945	11.4	0.00172	0.0359	0.000259	0.000262	0.00014	0.136	0.00000369	0.000377	0.000492	0.00144	0.000374
2090 Mar	0.000245	0.000997	0.0953	0.00000815	2.64	3.39	0.0419	0.000946	11.4	0.00172	0.0359	0.000259	0.000262	0.00014	0.136	0.0000037	0.000378	0.000492	0.00144	0.000375
2090 Apr	0.000246	0.001	0.0956	0.00000818	2.65	3.41	0.042	0.00095	11.5	0.00173	0.0361	0.00026	0.000263	0.00014	0.136	0.00000371	0.000379	0.000494	0.00144	0.000376
2090 May	0.00025	0.00101	0.0972	0.00000827	2.68	3.45	0.0427	0.000958	11.6	0.00175	0.0364	0.000266	0.000266	0.000142	0.138	0.00000375	0.000382	0.000503	0.00146	0.000379
2090 Jun	0.000231	0.000912	0.0864	0.00000726	2.54	3.23	0.0404	0.000925	10.9	0.00162	0.0342	0.000249	0.000256	0.000136	0.129	0.00000357	0.00037	0.000467	0.00132	0.000378
2090 Jul	0.000232	0.000931	0.087	0.00000745	2.62	3.3	0.0406	0.00096	11.3	0.00167	0.0353	0.000247	0.000266	0.00014	0.132	0.0000037	0.000385	0.000472	0.00136	0.000395
2090 Aug	0.000223	0.000915	0.0846	0.00000741	2.56	3.21	0.0389	0.000946	11	0.00163	0.0344	0.000234	0.000256	0.000137	0.129	0.00000364	0.000376	0.000448	0.00133	0.000385
2090 Sep	0.000208	0.000887	0.079	0.00000712	2.52	3.12	0.0365	0.000953	10.8	0.00159	0.0338	0.000212	0.000248	0.000134	0.125	0.00000359	0.000377	0.000414	0.00126	0.000389
2090 Oct	0.00019	0.00085	0.0716	0.0000067	2.48	3.01	0.0334	0.000968	10.6	0.00154	0.0331	0.000183	0.000239	0.000131	0.121	0.00000354	0.000383	0.000372	0.00117	0.000397
2090 Nov	0.000186	0.00084	0.0697	0.00000659	2.48	2.99	0.0327	0.000973	10.6	0.00153	0.0329	0.000177	0.000238	0.00013	0.12	0.00000353	0.000385	0.000361	0.00115	0.000401
2090 Dec	0.000186	0.000841	0.0697	0.00000659	2.48	2.99	0.0327	0.000973	10.6	0.00153	0.0329	0.000177	0.000238	0.00013	0.12	0.00000353	0.000385	0.000361	0.00115	0.000401
2091 Jan	0.000186	0.000841	0.0697	0.00000659	2.48	2.99	0.0327	0.000974	10.6	0.00153	0.0329	0.000177	0.000238	0.00013	0.12	0.00000353	0.000385	0.000362	0.00115	0.000401
2091 Feb	0.000186	0.000841	0.0697	0.00000659	2.48	2.99	0.0327	0.000974	10.6	0.00153	0.0329	0.000177	0.000238	0.00013	0.12	0.00000353	0.000385	0.000362	0.00115	0.000401
2091 Mar	0.000186	0.000842	0.0698	0.0000066	2.48	2.99	0.0328	0.000975	10.6	0.00153	0.033	0.000177	0.000238	0.000131	0.12	0.00000354	0.000386	0.000362	0.00115	0.000402
2091 Apr	0.000187	0.000847	0.0703	0.00000664	2.5	3.01	0.033	0.000982	10.7	0.00154	0.0332	0.000178	0.00024	0.000132	0.121	0.00000356	0.000388	0.000364	0.00116	0.000404
2091 May	0.000196	0.000865	0.0733	0.00000677	2.54	3.08	0.0345	0.000988	10.8	0.00157	0.0335	0.000191	0.000243	0.000134	0.123	0.0000036	0.000391	0.000382	0.00118	0.000406
2091 Jun	0.000207	0.000843	0.075	0.0000065	2.52	3.1	0.037	0.000964	10.6	0.00155	0.032	0.000216	0.000245	0.000134	0.124	0.00000352	0.000386	0.000408	0.00116	0.000404
2091 Jul	0.000216	0.000886	0.0785	0.00000685	2.65	3.25	0.0386	0.00102	11.2	0.00163	0.0337	0.000224	0.000259	0.000141	0.13	0.00000371	0.000408	0.000428	0.00123	0.000427
2091 Aug	0.000215	0.00089	0.0791	0.00000699	2.63	3.23	0.0382	0.00101	11.1	0.00163	0.0333	0.000222	0.000256	0.00014	0.129	0.0000037	0.000402	0.000422	0.00124	0.000419
2091 Sep	0.000211	0.000886	0.0786	0.00000703	2.59	3.19	0.0374	0.000995	10.9	0.00161	0.0327	0.000215	0.000249	0.000137	0.127	0.00000366	0.000394	0.000412	0.00123	0.000409
2091 Oct	0.000201	0.000863	0.0747	0.0000068	2.55	3.11	0.0356	0.000997	10.7	0.00157	0.0323	0.0002	0.000244	0.000135	0.125	0.00000363	0.000391	0.00039	0.00118	0.000409
2091 Nov	0.000193	0.000846	0.0715	0.00000662	2.52	3.05	0.0343	0.001	10.6	0.00154	0.032	0.000188	0.00024	0.000133	0.122	0.00000361	0.00039	0.000372	0.00115	0.000411
2091 Dec	0.000193	0.000846	0.0715	0.00000662	2.52	3.05	0.0343	0.001	10.6	0.00154	0.032	0.000188	0.00024	0.000133	0.122	0.00000361	0.000391	0.000372	0.00115	0.000411
2092 Jan	0.000193	0.000846	0.0715	0.00000662	2.52	3.05	0.0343	0.001	10.6	0.00154	0.032	0.000188	0.00024	0.000133	0.122	0.00000361	0.000391	0.000372	0.00115	0.000412
2092 Feb	0.000193	0.000846	0.0715	0.00000662	2.53	3.06	0.0343	0.001	10.6	0.00154	0.032	0.000188	0.00024	0.000134	0.123	0.00000361	0.000391	0.000372	0.00115	0.000412
2092 Mar	0.000194	0.000848	0.0717	0.00000664	2.53	3.06	0.0343	0.001	10.6	0.00155	0.0321	0.000188	0.00024	0.000134	0.123	0.00000362	0.000392	0.000373	0.00115	0.000412
2092 Apr	0.000195	0.000853	0.0721	0.00000667	2.54	3.08	0.0345	0.00101	10.7	0.00156	0.0323	0.000189	0.000242	0.000134	0.123	0.00000364	0.000394	0.000375	0.00116	0.000415
2092 May	0.000204	0.000868	0.0751	0.00000677	2.58	3.14	0.0362	0.00102	10.8	0.00158	0.0324	0.000203	0.000245	0.000137	0.126	0.00000367	0.000395	0.000393	0.00118	0.000416
2092 Jun	0.000197	0.000803	0.0698	0.00000613	2.52	3.05	0.0361	0.000993	10.4	0.00152	0.0303	0.000205	0.000246	0.000134	0.121	0.00000355	0.000397	0.00039	0.0011	0.000424
2092 Jul	0.000192	0.000806	0.0682	0.00000621	2.58	3.07	0.0354	0.00102	10.6	0.00155	0.0308	0.000196	0.000253	0.000137	0.122	0.00000365	0.000411	0.000384	0.00113	0.000442
2092 Aug	0.0002	0.00084	0.0711	0.0000065	2.68	3.19	0.0367	0.00106	11	0.00161	0.032	0.000203	0.000263	0.000142	0.127	0.00000379	0.000427	0.000399	0.00118	0.000457
2092 Sep	0.000199	0.000844	0.0716	0.00000659	2.67	3.18	0.0365	0.00106	11	0.00161	0.0318	0.000201	0.00026	0.000142	0.127	0.00000379	0.000423	0.000396	0.00118	0.000453
2092 Oct	0.000197	0.000841	0.0714	0.00000659	2.63	3.15	0.036	0.00105	10.8	0.00159	0.0314	0.000198	0.000256	0.00014	0.126	0.00000374	0.000417	0.000392	0.00117	0.000445
2092 Nov	0.000197	0.000842	0.0715	0.0000066	2.63	3.15	0.0359	0.00105	10.8	0.00159	0.0314	0.000197	0.000255	0.000139	0.125	0.00000374	0.000416	0.000391	0.00117	0.000444
2092 Dec	0.000197	0.000842	0.0715	0.0000066	2.63	3.15	0.0359	0.00105	10.8	0.00159	0.0314	0.000198	0.000256	0.00014	0.125	0.00000374	0.000417	0.000391	0.00117	0.000444
2093 Jan	0.000197	0.000842	0.0715	0.0000066	2.63	3.15	0.0359	0.00105	10.8	0.00159	0.0314	0.000198	0.000256	0.00014	0.125	0.00000374	0.000417	0.000391	0.00117	0.000444
2093 Feb	0.000197	0.000842	0.0716	0.0000066	2.63	3.15	0.0359	0.00105	10.8	0.00159	0.0314	0.000198	0.000256	0.00014	0.125	0.00000374	0.000417	0.000392	0.00117	0.000444
2093 Mar	0.000198	0.000845	0.0718	0.00000662	2.64	3.16	0.036	0.00105	10.9	0.0016	0.0315	0.000198	0.000256	0.00014	0.126	0.00000375	0.000418	0.000393	0.00118	0.000446
2093 Apr	0.000199	0.00085	0.0722	0.00000666	2.65	3.18	0.0363	0.00106	10.9	0.00161	0.0317	0.000199	0.000258	0.000141	0.127	0.00000377	0.00042	0.000395	0.00118	0.000448
2093 May	0.000208	0.000866	0.0753	0.00000679	2.68	3.24	0.0378	0.00106	11	0.00163	0.0318	0.000213	0.000261	0.000143	0.129	0.00000381	0.000422	0.000413	0.00121	0.000449
2093 Jun	0.000211	0.000833	0.075	0.00000646	2.61	3.18	0.0386	0.00103	10.6	0.00158	0.0304	0.000224	0.000257	0.00014	0.127	0.00000371	0.000404	0.000421	0.00117	0.000436
2093 Jul	0.000217	0.000865	0.0773	0.00000674	2.71	3.29	0.0396	0.00107	11	0.00164	0.0316	0.000229	0.000268	0.000145	0.131	0.00000387	0.000421	0.000434	0.00122	0.000455
2093 Aug	0.000223	0.000896	0.0802	0.00000702	2.79	3.39	0.0408	0.0011	11.3	0.00169	0.0325	0.000236	0.000275	0.00015	0.136	0.000004	0.000433	0.000446	0.00127	0.000468
2093 Sep	0.000223	0.0009	0.0806	0.00000708	2.78	3.38	0.0404	0.0011	11.3	0.00169	0.0323	0.000233	0.000272	0.000148	0.135	0.00000398	0.000429	0.000443	0.00127	0.000462
2093 Oct	0.000209	0.000866	0.0766	0.00000684	2.64	3.21	0.0376	0.00106	10.7	0.0016	0.0307	0.000213	0.000256	0.000141	0.128	0.00000381	0.000408	0.000412	0.0012	0.000439
2093 Nov	0.000203	0.000855	0.0745	0.00000674	2.62	3.16	0.0365	0.00106	10.6	0.00158	0.0305	0.000203	0.000252	0.000139	0.127	0.0000038	0.000405	0.000398	0.00118	0.000438
2093 Dec	0.000203	0.000856	0.0745	0.00000675	2.62	3.17	0.0365	0.00106	10.6	0.00158	0.0305	0.000203	0.000252	0.000139	0.127	0.0000038	0.000406	0.000399	0.00118	0.000439
2094 Jan	0.000203	0.000856	0.0745	0.00000675	2.62	3.17	0.0365	0.00106	10.6	0.00158	0.0306	0.000203	0.000252	0.000139	0.127	0.00000381	0.000406	0.000399	0.00118	0.000439
2094 Feb	0.000203	0.000856	0.0745	0.00000675	2.62	3.17	0.0365	0.00106	10.6	0.00158	0.0306	0.000203	0.000252	0.000139	0.127	0.00000381	0.000406	0.000399	0.00118	0.000439
2094 Mar	0.000203	0.000857	0.0747	0.00000676	2.63	3.17	0.0366	0.00106	10.6	0.00158	0.0306	0.000204	0.000252	0.000139	0.127	0.00000381	0.000406	0.000399	0.00118	0.000439
2094 Apr	0.000204	0.000861	0.0749	0.00000678	2.64	3.18	0.0367	0.00107	10.7	0.00159	0.0307	0.000205	0.000253	0.00014	0.128	0.00000383	0.000408	0.000401	0.00119	0.000441
2094 May	0.000212	0.000866	0.0771	0.00000678	2.65	3.23	0.0382	0.00107	10.7	0.0016	0.0306	0.000218	0.000255	0.000141	0.129	0.00000383	0.000408	0.000416	0.00119	0.000441
2094 Jun	0.000224	0.000869	0.0796	0.00000671	2.7	3.31	0.0407	0.00108	10.8	0.00162	0.0304	0.000239	0.000261	0.000145	0.132	0.00000386	0.000414	0.00044	0.00119	0.00045
2094 Jul	0.000237	0.000924	0.0848	0.00000716	2.85	3.51	0.0431	0.00114	11.4	0.00172	0.0321	0.000254	0.000277	0.000153	0.14	0.00000409	0.000437	0.000468	0.00127	0.000476
2094 Aug	0.000252	0.000981	0.0901	0.00000762	3.03	3.72	0.0457	0.00121	12.1	0.00183	0.0341	0.000269	0.000293	0.000162	0.149	0.00000434	0.000463	0.000496	0.00135	0.000504
2094 Sep	0.00025	0.000983	0.0903	0.00000768	3	3.69	0.0451	0.0012	12	0.00182	0.0337	0.000265	0.000289	0.00016	0.148	0.00000431	0.000458	0.000491	0.00135	0.000496
2094 Oct	0.000242	0.000963	0.0885	0.00000758	2.89	3.57	0.0433	0.00116	11.6	0.00176	0.0325	0.000254	0.000277	0.000154	0.143	0.00000417	0.000439	0.000474	0.00132	0.000474
2094 Nov	0.000234	0.000943	0.0868	0.00000747	2.79	3.45	0.0416	0.00112	11.1	0.0017	0.0313	0.000242	0.000264	0.000148	0.138	0.00000402	0.000421	0.000457	0.00128	0.000452
2094 Dec	0.000233	0.000942	0.0867	0.00000747	2.78	3.44	0.0415	0.00112	11.1	0.0017	0.0312	0.000242	0.000264	0.000148	0.138	0.00000401	0.00042	0.000456	0.00128	0.000451
2095 Jan	0.000234	0.000942	0.0867	0.00000747	2.78	3.44	0.0415	0.00112	11.1	0.0017	0.0312	0.000242	0.000264	0.000148	0.138	0.00000402	0.00042	0.000456	0.00128	0.000451
2095 Feb	0.000234	0.000942	0.0867	0.00000747	2.78	3.45	0.0415	0.00112	11.1	0.0017	0.0312	0.000242	0.000264	0.000148	0.138	0.00000402	0.00042	0.000456	0.00128	0.000451
2095 Mar	0.000234	0.000943	0.0868	0.00000748	2.78	3.45	0.0415	0.00112	11.1	0.0017	0.0313	0.000242	0.000264	0.000148	0.138	0.00000402	0.000421	0.000456	0.00128	0.000451
2095 Apr	0.000235	0.000948	0.0872	0.00000751	2.8	3.47	0.0417	0.00112	11.2	0.00171	0.0314	0.000243	0.000265	0.000149	0.139	0.00000404	0.000423	0.000459	0.00129	0.000454
2095 May	0.000244	0.000952	0.0897	0.00000752	2.8	3.5	0.0432	0.00111	11.2	0.00171	0.0312	0.000258	0.000266	0.000149	0.14	0.00000402	0.000418	0.000476	0.0013	0.000449

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Jun	0.000255	0.00096	0.0927	0.00000752	2.83	3.57	0.0455	0.00112	11.2	0.00173	0.0312	0.000278	0.000271	0.000152	0.143	0.00000407	0.00042	0.000499	0.00131	0.000454
2095 Jul	0.00027	0.00102	0.0985	0.000008	3	3.78	0.0481	0.00118	11.9	0.00184	0.033	0.000294	0.000287	0.000161	0.152	0.00000431	0.000443	0.000528	0.00139	0.000479
2095 Aug	0.000267	0.00102	0.0983	0.00000807	2.95	3.73	0.0473	0.00117	11.7	0.00182	0.0325	0.000289	0.000281	0.000158	0.15	0.00000426	0.000435	0.000518	0.00139	0.000468
2095 Sep	0.000265	0.00102	0.0984	0.00000815	2.94	3.71	0.0468	0.00116	11.6	0.00181	0.0322	0.000286	0.000278	0.000157	0.149	0.00000424	0.00043	0.000513	0.00139	0.000462
2095 Oct	0.000264	0.00102	0.0984	0.00000816	2.92	3.7	0.0466	0.00116	11.6	0.00181	0.0321	0.000284	0.000276	0.000156	0.148	0.00000423	0.000428	0.000511	0.00139	0.000459
2095 Nov	0.000259	0.00101	0.0973	0.0000081	2.87	3.63	0.0455	0.00114	11.4	0.00178	0.0315	0.000277	0.00027	0.000153	0.146	0.00000415	0.000418	0.000501	0.00137	0.000447
2095 Dec	0.000259	0.00101	0.0972	0.0000081	2.86	3.63	0.0454	0.00113	11.3	0.00177	0.0314	0.000276	0.000269	0.000153	0.146	0.00000415	0.000418	0.0005	0.00137	0.000446
2096 Jan	0.000259	0.00101	0.0972	0.0000081	2.86	3.63	0.0455	0.00113	11.3	0.00177	0.0314	0.000276	0.000269	0.000153	0.146	0.00000415	0.000418	0.0005	0.00137	0.000446
2096 Feb	0.000259	0.00101	0.0973	0.0000081	2.87	3.63	0.0455	0.00113	11.3	0.00177	0.0314	0.000276	0.000269	0.000153	0.146	0.00000415	0.000418	0.0005	0.00137	0.000447
2096 Mar	0.000259	0.00101	0.0974	0.00000811	2.87	3.63	0.0455	0.00114	11.4	0.00178	0.0315	0.000277	0.00027	0.000153	0.146	0.00000415	0.000418	0.000501	0.00137	0.000447
2096 Apr	0.000261	0.00101	0.0978	0.00000815	2.88	3.65	0.0457	0.00114	11.4	0.00178	0.0316	0.000278	0.000271	0.000154	0.147	0.00000417	0.00042	0.000503	0.00138	0.000449
2096 May	0.000267	0.00102	0.0997	0.0000082	2.9	3.69	0.0468	0.00115	11.5	0.0018	0.0317	0.000287	0.000273	0.000155	0.148	0.00000419	0.000422	0.000515	0.00139	0.000451
2096 Jun	0.000229	0.00089	0.0837	0.00000711	2.71	3.34	0.0413	0.0011	10.6	0.00164	0.0293	0.000244	0.000263	0.000146	0.134	0.00000399	0.000406	0.000455	0.00125	0.000448
2096 Jul	0.000227	0.000905	0.0828	0.00000725	2.81	3.42	0.0413	0.00115	11	0.00169	0.0304	0.000238	0.000276	0.000151	0.138	0.00000417	0.000429	0.000454	0.00129	0.000477
2096 Aug	0.000238	0.000952	0.087	0.00000764	2.95	3.59	0.0433	0.00121	11.5	0.00177	0.0319	0.000249	0.000289	0.000158	0.144	0.00000438	0.000449	0.000476	0.00135	0.0005
2096 Sep	0.000234	0.000948	0.0867	0.00000766	2.9	3.53	0.0424	0.00119	11.3	0.00175	0.0313	0.000243	0.000282	0.000155	0.142	0.00000431	0.000439	0.000467	0.00134	0.000487
2096 Oct	0.000224	0.000923	0.0844	0.00000752	2.77	3.38	0.0401	0.00114	10.8	0.00167	0.0299	0.000228	0.000265	0.000147	0.136	0.00000412	0.000416	0.000444	0.0013	0.000458
2096 Nov	0.000222	0.00092	0.0839	0.0000075	2.75	3.36	0.0397	0.00114	10.7	0.00167	0.0297	0.000225	0.000264	0.000147	0.136	0.00000411	0.000415	0.00044	0.00129	0.000456
2096 Dec	0.000222	0.00092	0.0839	0.0000075	2.75	3.36	0.0397	0.00114	10.7	0.00167	0.0297	0.000225	0.000264	0.000147	0.136	0.00000411	0.000415	0.00044	0.00129	0.000456
2097 Jan	0.000222	0.00092	0.0839	0.00000751	2.75	3.36	0.0397	0.00114	10.7	0.00167	0.0297	0.000225	0.000264	0.000147	0.136	0.00000411	0.000415	0.00044	0.00129	0.000456
2097 Feb	0.000222	0.000921	0.0839	0.00000751	2.75	3.36	0.0397	0.00114	10.7	0.00167	0.0297	0.000225	0.000264	0.000147	0.136	0.00000411	0.000415	0.00044	0.00129	0.000456
2097 Mar	0.000222	0.000921	0.084	0.00000751	2.76	3.37	0.0397	0.00114	10.7	0.00167	0.0298	0.000225	0.000264	0.000147	0.136	0.00000411	0.000415	0.00044	0.00129	0.000457
2097 Apr	0.000224	0.000927	0.0845	0.00000756	2.77	3.39	0.0399	0.00115	10.8	0.00168	0.0299	0.000226	0.000265	0.000148	0.137	0.00000414	0.000417	0.000443	0.0013	0.00046
2097 May	0.000232	0.000945	0.0875	0.0000077	2.81	3.45	0.0414	0.00116	10.9	0.00171	0.0302	0.000239	0.000269	0.00015	0.139	0.00000418	0.00042	0.00046	0.00133	0.000462
2097 Jun	0.000238	0.000925	0.088	0.00000746	2.78	3.44	0.0427	0.00113	10.7	0.00168	0.0294	0.000253	0.000269	0.000149	0.139	0.00000412	0.000411	0.000473	0.0013	0.000456
2097 Jul	0.00025	0.000974	0.0926	0.00000789	2.92	3.62	0.0448	0.00119	11.3	0.00177	0.031	0.000265	0.000283	0.000157	0.146	0.00000435	0.000433	0.000497	0.00138	0.000481
2097 Aug	0.000257	0.00101	0.0958	0.00000819	3.01	3.72	0.046	0.00123	11.6	0.00182	0.0319	0.000273	0.000291	0.000161	0.15	0.00000448	0.000444	0.000511	0.00143	0.000493
2097 Sep	0.00026	0.00102	0.0973	0.00000834	3.04	3.77	0.0465	0.00124	11.7	0.00185	0.0323	0.000275	0.000294	0.000163	0.152	0.00000454	0.000449	0.000516	0.00145	0.000498
2097 Oct	0.000258	0.00102	0.0968	0.00000832	3.01	3.73	0.0459	0.00123	11.6	0.00183	0.0319	0.000271	0.000289	0.000161	0.151	0.00000449	0.000443	0.00051	0.00144	0.000489
2097 Nov	0.000256	0.00101	0.0964	0.0000083	2.98	3.7	0.0455	0.00122	11.5	0.00182	0.0316	0.000268	0.000286	0.00016	0.149	0.00000446	0.000439	0.000506	0.00143	0.000484
2097 Dec	0.000256	0.00101	0.0964	0.0000083	2.98	3.7	0.0455	0.00122	11.5	0.00182	0.0316	0.000268	0.000286	0.000159	0.149	0.00000445	0.000439	0.000506	0.00143	0.000484
2098 Jan	0.000256	0.00101	0.0964	0.0000083	2.98	3.7	0.0455	0.00122	11.5	0.00182	0.0316	0.000268	0.000286	0.00016	0.149	0.00000446	0.000439	0.000506	0.00143	0.000484
2098 Feb	0.000256	0.00101	0.0964	0.0000083	2.98	3.7	0.0455	0.00122	11.5	0.00182	0.0316	0.000268	0.000286	0.00016	0.15	0.00000446	0.000439	0.000506	0.00143	0.000484
2098 Mar	0.000256	0.00101	0.0965	0.00000831	2.98	3.7	0.0455	0.00122	11.5	0.00182	0.0316	0.000268	0.000287	0.00016	0.15	0.00000446	0.000439	0.000506	0.00143	0.000485
2098 Apr	0.000257	0.00102	0.0971	0.00000834	3	3.72	0.0458	0.00122	11.6	0.00183	0.0317	0.00027	0.000288	0.00016	0.15	0.00000447	0.00044	0.000509	0.00143	0.000486
2098 May	0.000273	0.00103	0.102	0.00000837	2.97	3.77	0.0485	0.00119	11.4	0.00183	0.0311	0.000295	0.000286	0.00016	0.152	0.0000044	0.000429	0.00054	0.00145	0.000471
2098 Jun	0.000251	0.000914	0.0905	0.00000727	2.78	3.48	0.0454	0.00113	10.6	0.00167	0.0283	0.000277	0.00027	0.00015	0.14	0.0000041	0.000407	0.000498	0.00129	0.000458
2098 Jul	0.000261	0.00096	0.0941	0.00000765	2.94	3.67	0.0473	0.0012	11.2	0.00177	0.03	0.000286	0.000287	0.000159	0.148	0.00000435	0.000435	0.000518	0.00135	0.00049
2098 Aug	0.000263	0.000976	0.0956	0.00000784	2.96	3.7	0.0475	0.00121	11.3	0.00179	0.0301	0.000287	0.000287	0.00016	0.149	0.00000439	0.000436	0.00052	0.00138	0.00049
2098 Sep	0.000249	0.000945	0.0919	0.00000767	2.83	3.53	0.0447	0.00116	10.8	0.00171	0.0288	0.000267	0.000271	0.000152	0.142	0.00000422	0.000415	0.00049	0.00133	0.000465
2098 Oct	0.000229	0.000903	0.0843	0.00000727	2.75	3.37	0.0411	0.00116	10.4	0.00164	0.0281	0.000237	0.00026	0.000147	0.137	0.00000415	0.00041	0.000445	0.00124	0.000464
2098 Nov	0.000222	0.000891	0.0818	0.00000714	2.74	3.34	0.0401	0.00117	10.4	0.00163	0.0279	0.000227	0.000258	0.000147	0.135	0.00000415	0.000413	0.000431	0.00122	0.000469
2098 Dec	0.000222	0.000891	0.0818	0.00000715	2.75	3.34	0.0401	0.00117	10.4	0.00163	0.028	0.000227	0.000259	0.000147	0.135	0.00000415	0.000413	0.000431	0.00122	0.000469
2099 Jan	0.000222	0.000891	0.0818	0.00000715	2.75	3.34	0.0402	0.00117	10.4	0.00163	0.028	0.000227	0.000259	0.000147	0.135	0.00000415	0.000413	0.000431	0.00122	0.000469
2099 Feb	0.000222	0.000892	0.0819	0.00000715	2.75	3.35	0.0402	0.00117	10.4	0.00163	0.028	0.000227	0.000259	0.000147	0.135	0.00000415	0.000413	0.000432	0.00122	0.00047
2099 Mar	0.000223	0.000893	0.082	0.00000716	2.75	3.35	0.0402	0.00117	10.4	0.00163	0.028	0.000228	0.000259	0.000147	0.136	0.00000416	0.000414	0.000432	0.00122	0.00047
2099 Apr	0.000226	0.000902	0.0831	0.00000723	2.78	3.39	0.0408	0.00118	10.5	0.00165	0.0282	0.00023	0.000261	0.000149	0.137	0.00000419	0.000417	0.000438	0.00123	0.000474
2099 May	0.000251	0.000907	0.0893	0.00000705	2.78	3.49	0.0454	0.00115	10.5	0.00166	0.0273	0.000261	0.000261	0.000149	0.14	0.0000041	0.00041	0.000483	0.00121	0.000466
2099 Jun	0.000244	0.000882	0.0856	0.00000679	2.79	3.47	0.0448	0.00116	10.5	0.00165	0.027	0.000257	0.000264	0.00015	0.139	0.00000411	0.000421	0.000473	0.00118	0.000482
2099 Jul	0.000256	0.000928	0.09	0.00000719	2.93	3.64	0.0469	0.00122	11	0.00173	0.0283	0.000269	0.000278	0.000157	0.146	0.00000432	0.000442	0.000496	0.00125	0.000506
2099 Aug	0.000267	0.000971	0.0942	0.00000757	3.06	3.79	0.0488	0.00127	11.5	0.00181	0.0295	0.000279	0.000289	0.000164	0.152	0.00000451	0.00046	0.000516	0.00131	0.000525
2099 Sep	0.00026	0.000958	0.0929	0.00000754	2.98	3.7	0.0473	0.00124	11.2	0.00177	0.0287	0.00027	0.000279	0.000159	0.148	0.00000439	0.000445	0.0005	0.00129	0.000506
2099 Oct	0.000251	0.00094	0.0907	0.00000744	2.88	3.59	0.0455	0.00121	10.8	0.00172	0.0278	0.000258	0.000269	0.000154	0.144	0.00000427	0.00043	0.000483	0.00126	0.000488
2099 Nov	0.000243	0.000922	0.0878	0.00000729	2.84	3.52	0.044	0.0012	10.6	0.00169	0.0275	0.000247	0.000264	0.000152	0.141	0.00000424	0.000426	0.000465	0.00123	0.000485
2099 Dec	0.000243	0.000922	0.0879	0.00000729	2.85	3.52	0.044	0.0012	10.7	0.00169	0.0275	0.000247	0.000264	0.000152	0.141	0.00000424	0.000426	0.000465	0.00123	0.000486
2100 Jan	0.000243	0.000922	0.0879	0.00000729	2.85	3.52	0.044	0.0012	10.7	0.00169	0.0275	0.000247	0.000264	0.000152	0.142	0.00000424	0.000426	0.000466	0.00123	0.000486
2100 Feb	0.000243	0.000922	0.0879	0.00000729	2.85	3.52	0.044	0.0012	10.7	0.00169	0.0275	0.000247	0.000264	0.000152	0.142	0.00000424	0.000426	0.000466	0.00123	0.000486
2100 Mar	0.000243	0.000923	0.0879	0.00000729	2.85	3.52	0.044	0.0012	10.7	0.00169	0.0275	0.000247	0.000264	0.000152	0.142	0.00000424	0.000427	0.000466	0.00123	0.000486
2100 Apr	0.000245	0.000929	0.0885	0.00000734	2.87	3.54	0.0443	0.00121	10.7	0.0017	0.0277	0.000249	0.000266	0.000153	0.143	0.00000427	0.000429	0.000469	0.00124	0.000489
2100 May	0.000258	0.00094	0.0926	0.0000074	2.87	3.6	0.0466	0.0012	10.7	0.00171	0.0275	0.000271	0.000268	0.000154	0.145	0.00000426	0.000424	0.000495	0.00126	0.000483
2100 Jun	0.000236	0.000861	0.0829	0.00000671	2.78	3.42	0.0437	0.00118	10.3	0.00163	0.026	0.000253	0.000264	0.00015	0.137	0.00000415	0.000422	0.000461	0.00117	0.000491
2100 Jul	0.000235	0.000871	0.0827	0.00000684	2.84	3.46	0.0436	0.00121	10.5	0.00166	0.0265	0.000249	0.000272	0.000153	0.139	0.00000425	0.000435	0.000462	0.0012	0.000507
2100 Aug	0.00023	0.000867	0.0818	0.00000688	2.81	3.41	0.0427	0.0012	10.4	0.00164	0.0262	0.000241	0.000267	0.000151	0.137	0.00000423	0.000429	0.000449	0.00119	0.0005
2100 Sep	0.000226	0.000864	0.0804	0.00000688	2.81	3.39	0.0418	0.00121	10.3	0.00164	0.0262	0.000233	0.000265	0.000151	0.137	0.00000425	0.000429	0.000437	0.00118	0.000501
2100 Oct	0.000224	0.000865	0.0801	0.00000689	2.81	3.39	0.0416	0.00122	10.3	0.00163	0.0262	0.000231	0.000264	0.000151	0.137	0.00000426	0.000429	0.000434	0.00118	0.000502
2100 Nov	0.000224	0.000866	0.08	0.0000069	2.81	3.39	0.0415	0.00122	10.3	0.00164	0.0263	0.00023	0.000265	0.000151	0.137	0.00000427	0.000431	0.000434	0.00118	0.000504
2100 Dec	0.000224	0.000867	0.0801	0.0000069	2.82	3.4	0.0416	0.00122	10.3	0.00164	0.0263	0.00023	0.000265	0.000152	0.137	0.00000428	0.000431	0.000434	0.00118	0.000504

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Jan	0.000224	0.000867	0.0801	0.0000069	2.82	3.4	0.0416	0.00122	10.3	0.00164	0.0263	0.000231	0.000265	0.000152	0.137	0.00000428	0.000431	0.000434	0.00118	0.000504
2101 Feb	0.000224	0.000867	0.0801	0.0000069	2.82	3.4	0.0416	0.00122	10.3	0.00164	0.0263	0.000231	0.000265	0.000152	0.137	0.00000428	0.000431	0.000434	0.00118	0.000505
2101 Mar	0.000225	0.000867	0.0801	0.00000691	2.82	3.4	0.0416	0.00122	10.4	0.00164	0.0263	0.000231	0.000265	0.000152	0.137	0.00000428	0.000431	0.000434	0.00118	0.000505
2101 Apr	0.000225	0.000871	0.0805	0.00000693	2.83	3.41	0.0418	0.00123	10.4	0.00165	0.0264	0.000232	0.000266	0.000152	0.137	0.0000043	0.000433	0.000436	0.00119	0.000507
2101 May	0.000238	0.000883	0.0845	0.000007	2.84	3.47	0.044	0.00122	10.4	0.00166	0.0262	0.000253	0.000268	0.000153	0.14	0.00000429	0.000429	0.000461	0.00121	0.000502
2101 Jun	0.000233	0.000854	0.0814	0.00000671	2.83	3.43	0.0436	0.00122	10.3	0.00164	0.0255	0.000251	0.000269	0.000153	0.138	0.00000426	0.000433	0.000456	0.00117	0.000511
2101 Jul	0.000244	0.000899	0.0851	0.00000708	2.99	3.62	0.0457	0.00129	10.9	0.00173	0.027	0.000261	0.000286	0.000162	0.145	0.00000452	0.00046	0.000478	0.00124	0.000543
2101 Aug	0.000255	0.000943	0.0893	0.00000744	3.13	3.79	0.0478	0.00135	11.4	0.00181	0.0282	0.000273	0.000298	0.000169	0.152	0.00000473	0.000481	0.000499	0.0013	0.000568
2101 Sep	0.00025	0.000935	0.0885	0.00000746	3.06	3.71	0.0465	0.00132	11.1	0.00178	0.0276	0.000265	0.00029	0.000165	0.149	0.00000463	0.000468	0.000487	0.00129	0.00055
2101 Oct	0.000248	0.000934	0.0883	0.00000747	3.03	3.68	0.0459	0.00131	11	0.00177	0.0273	0.000262	0.000286	0.000163	0.148	0.00000459	0.000462	0.000482	0.00128	0.000542
2101 Nov	0.000242	0.00092	0.087	0.00000739	2.95	3.59	0.0447	0.00128	10.7	0.00173	0.0267	0.000254	0.000277	0.000159	0.144	0.00000448	0.000449	0.00047	0.00126	0.000525
2101 Dec	0.000242	0.00092	0.087	0.00000739	2.95	3.59	0.0446	0.00128	10.7	0.00173	0.0266	0.000253	0.000277	0.000159	0.144	0.00000447	0.000449	0.00047	0.00126	0.000524
2102 Jan	0.000242	0.00092	0.087	0.00000739	2.95	3.59	0.0446	0.00128	10.7	0.00173	0.0266	0.000253	0.000277	0.000159	0.144	0.00000447	0.000449	0.00047	0.00126	0.000524
2102 Feb	0.000242	0.00092	0.087	0.00000739	2.95	3.59	0.0446	0.00128	10.7	0.00173	0.0266	0.000254	0.000277	0.000159	0.144	0.00000447	0.000449	0.00047	0.00126	0.000525
2102 Mar	0.000242	0.00092	0.0871	0.0000074	2.95	3.59	0.0447	0.00128	10.7	0.00173	0.0267	0.000254	0.000277	0.000159	0.144	0.00000448	0.000449	0.00047	0.00126	0.000525
2102 Apr	0.000243	0.000923	0.0874	0.00000742	2.96	3.6	0.0448	0.00128	10.8	0.00173	0.0267	0.000254	0.000278	0.000159	0.145	0.00000449	0.00045	0.000472	0.00126	0.000526
2102 May	0.000246	0.000937	0.0887	0.00000753	3.01	3.66	0.0454	0.0013	10.9	0.00176	0.0271	0.000258	0.000282	0.000162	0.147	0.00000456	0.000457	0.000479	0.00128	0.000534
2102 Jun	0.000215	0.000857	0.0789	0.00000714	2.81	3.34	0.0402	0.00123	10.1	0.00164	0.0254	0.000219	0.000274	0.000151	0.135	0.00000437	0.000433	0.000437	0.00125	0.000513
2102 Jul	0.000201	0.000837	0.0742	0.00000706	2.84	3.3	0.0382	0.00127	10.1	0.00164	0.0256	0.000199	0.000281	0.000153	0.133	0.00000448	0.000445	0.000418	0.00126	0.000533
2102 Aug	0.000206	0.000863	0.0765	0.00000732	2.91	3.38	0.0391	0.0013	10.4	0.00168	0.0262	0.000204	0.000287	0.000156	0.137	0.00000459	0.000454	0.000427	0.00129	0.000544
2102 Sep	0.000206	0.000871	0.0772	0.00000742	2.91	3.38	0.039	0.0013	10.4	0.00169	0.0262	0.000203	0.000285	0.000156	0.137	0.00000459	0.000453	0.000427	0.0013	0.00054
2102 Oct	0.000199	0.00085	0.0754	0.00000727	2.79	3.26	0.0372	0.00125	9.96	0.00162	0.0251	0.000192	0.000272	0.000149	0.132	0.00000441	0.000432	0.000409	0.00126	0.000514
2102 Nov	0.000199	0.000852	0.0756	0.00000729	2.79	3.26	0.0373	0.00125	9.98	0.00163	0.0252	0.000193	0.000272	0.00015	0.132	0.00000442	0.000433	0.00041	0.00126	0.000515
2102 Dec	0.000199	0.000852	0.0756	0.00000729	2.8	3.26	0.0373	0.00125	9.99	0.00163	0.0252	0.000193	0.000272	0.00015	0.132	0.00000442	0.000433	0.00041	0.00126	0.000515
2103 Jan	0.000199	0.000852	0.0756	0.00000729	2.8	3.27	0.0373	0.00125	9.99	0.00163	0.0252	0.000193	0.000272	0.00015	0.132	0.00000442	0.000433	0.00041	0.00126	0.000515
2103 Feb	0.000199	0.000852	0.0757	0.0000073	2.8	3.27	0.0373	0.00125	9.99	0.00163	0.0252	0.000193	0.000272	0.00015	0.132	0.00000443	0.000433	0.00041	0.00127	0.000515
2103 Mar	0.0002	0.000853	0.0757	0.0000073	2.8	3.27	0.0373	0.00125	10	0.00163	0.0252	0.000193	0.000272	0.00015	0.132	0.00000443	0.000434	0.00041	0.00127	0.000516
2103 Apr	0.0002	0.000857	0.076	0.00000733	2.81	3.28	0.0375	0.00126	10	0.00164	0.0253	0.000194	0.000274	0.00015	0.133	0.00000445	0.000436	0.000412	0.00127	0.000518
2103 May	0.000213	0.000872	0.0799	0.0000074	2.84	3.36	0.0397	0.00126	10.1	0.00166	0.0254	0.000214	0.000276	0.000152	0.136	0.00000447	0.000434	0.000436	0.00129	0.000517
2103 Jun	0.000212	0.000824	0.0762	0.0000068	2.79	3.29	0.0401	0.00124	9.83	0.0016	0.0242	0.000221	0.000272	0.000151	0.133	0.00000438	0.00043	0.000431	0.0012	0.000522
2103 Jul	0.00021	0.000837	0.076	0.00000694	2.86	3.35	0.04	0.00129	10.1	0.00164	0.0247	0.000216	0.00028	0.000155	0.135	0.00000452	0.000446	0.000429	0.00123	0.000543
2103 Aug	0.000206	0.000842	0.0761	0.00000705	2.84	3.32	0.0392	0.00128	10	0.00163	0.0246	0.000211	0.000276	0.000154	0.134	0.00000453	0.000441	0.000416	0.00123	0.000538
2103 Sep	0.000199	0.00083	0.0737	0.00000694	2.8	3.26	0.0377	0.00128	9.83	0.0016	0.0242	0.000198	0.000269	0.000151	0.132	0.00000448	0.000436	0.000397	0.00119	0.000533
2103 Oct	0.000185	0.000806	0.0685	0.00000666	2.77	3.17	0.0353	0.00129	9.67	0.00156	0.0237	0.000177	0.00026	0.000148	0.128	0.00000444	0.000437	0.000365	0.00113	0.000537
2103 Nov	0.000182	0.000801	0.0674	0.00000661	2.76	3.16	0.0348	0.0013	9.66	0.00155	0.0236	0.000172	0.000259	0.000148	0.128	0.00000445	0.000439	0.000358	0.00111	0.00054
2103 Dec	0.000183	0.000802	0.0674	0.00000661	2.76	3.16	0.0348	0.0013	9.66	0.00155	0.0237	0.000172	0.000259	0.000148	0.128	0.00000445	0.000439	0.000358	0.00111	0.00054
2104 Jan	0.000183	0.000802	0.0674	0.00000661	2.77	3.16	0.0348	0.0013	9.66	0.00155	0.0237	0.000172	0.000259	0.000148	0.128	0.00000445	0.000439	0.000359	0.00111	0.00054
2104 Feb	0.000183	0.000802	0.0674	0.00000661	2.77	3.16	0.0349	0.0013	9.66	0.00155	0.0237	0.000172	0.000259	0.000148	0.128	0.00000445	0.000439	0.000359	0.00111	0.00054
2104 Mar	0.000183	0.000802	0.0675	0.00000662	2.77	3.16	0.0349	0.0013	9.67	0.00155	0.0237	0.000172	0.000259	0.000148	0.128	0.00000445	0.000439	0.000359	0.00112	0.00054
2104 Apr	0.000184	0.000808	0.068	0.00000666	2.79	3.19	0.0351	0.00131	9.73	0.00156	0.0238	0.000173	0.000261	0.000149	0.129	0.00000448	0.000442	0.000361	0.00112	0.000544
2104 May	0.000202	0.000828	0.0738	0.00000678	2.81	3.28	0.0383	0.0013	9.8	0.00159	0.0237	0.000203	0.000264	0.000152	0.133	0.00000448	0.000438	0.000397	0.00115	0.000538
2104 Jun	0.000203	0.000797	0.0717	0.00000641	2.8	3.27	0.0391	0.00129	9.68	0.00157	0.0228	0.000211	0.000266	0.000152	0.131	0.00000443	0.000441	0.000402	0.00111	0.000547
2104 Jul	0.000207	0.000823	0.0737	0.00000667	2.89	3.36	0.0399	0.00134	9.99	0.00162	0.0236	0.000214	0.000275	0.000157	0.135	0.00000459	0.000457	0.000412	0.00115	0.000567
2104 Aug	0.000211	0.000843	0.0755	0.00000688	2.94	3.42	0.0404	0.00135	10.1	0.00165	0.0239	0.000217	0.000278	0.000159	0.137	0.00000467	0.000462	0.000417	0.00118	0.000572
2104 Sep	0.000206	0.000834	0.0745	0.00000686	2.87	3.34	0.0392	0.00133	9.92	0.00162	0.0234	0.000209	0.00027	0.000155	0.135	0.00000458	0.00045	0.000404	0.00116	0.000556
2104 Oct	0.000197	0.000817	0.0715	0.00000671	2.83	3.27	0.0376	0.00133	9.73	0.00159	0.0231	0.000194	0.000263	0.000153	0.132	0.00000455	0.000444	0.000384	0.00113	0.000553
2104 Nov	0.000194	0.000814	0.0706	0.00000667	2.82	3.26	0.0372	0.00133	9.71	0.00158	0.0231	0.00019	0.000262	0.000152	0.132	0.00000456	0.000444	0.000378	0.00112	0.000554
2104 Dec	0.000195	0.000814	0.0707	0.00000667	2.83	3.26	0.0372	0.00133	9.71	0.00158	0.0231	0.00019	0.000262	0.000152	0.132	0.00000456	0.000444	0.000378	0.00112	0.000555
2105 Jan	0.000195	0.000814	0.0707	0.00000667	2.83	3.26	0.0372	0.00133	9.71	0.00158	0.0231	0.00019	0.000262	0.000152	0.132	0.00000456	0.000444	0.000378	0.00112	0.000555
2105 Feb	0.000195	0.000815	0.0707	0.00000668	2.83	3.26	0.0372	0.00133	9.71	0.00158	0.0231	0.00019	0.000262	0.000152	0.132	0.00000456	0.000444	0.000378	0.00112	0.000555
2105 Mar	0.000195	0.000815	0.0707	0.00000668	2.83	3.26	0.0372	0.00133	9.72	0.00158	0.0231	0.000191	0.000262	0.000152	0.132	0.00000456	0.000445	0.000378	0.00112	0.000555
2105 Apr	0.000195	0.000818	0.071	0.0000067	2.84	3.27	0.0373	0.00134	9.75	0.00159	0.0232	0.000191	0.000263	0.000153	0.132	0.00000458	0.000446	0.00038	0.00112	0.000557
2105 May	0.00021	0.000833	0.0754	0.00000678	2.85	3.35	0.0398	0.00133	9.8	0.00161	0.0231	0.000215	0.000266	0.000155	0.135	0.00000457	0.000443	0.000408	0.00114	0.000553
2105 Jun	0.00022	0.00084	0.078	0.00000676	2.9	3.43	0.042	0.00134	9.91	0.00163	0.023	0.000233	0.000272	0.000158	0.138	0.00000462	0.000448	0.000431	0.00115	0.000561
2105 Jul	0.000228	0.000873	0.0813	0.00000707	2.99	3.54	0.0433	0.00138	10.2	0.00169	0.0238	0.000241	0.00028	0.000163	0.142	0.00000477	0.000461	0.000445	0.0012	0.000577
2105 Aug	0.000219	0.000857	0.079	0.00000703	2.92	3.44	0.0415	0.00135	9.95	0.00165	0.0232	0.000228	0.000271	0.000158	0.139	0.00000469	0.000448	0.000422	0.00118	0.000562
2105 Sep	0.000201	0.000824	0.0724	0.00000675	2.87	3.32	0.0385	0.00137	9.74	0.0016	0.0227	0.0002	0.000263	0.000156	0.134	0.00000466	0.000447	0.000382	0.00111	0.000567
2105 Oct	0.000191	0.000807	0.0687	0.00000657	2.85	3.26	0.0367	0.00138	9.65	0.00157	0.0224	0.000184	0.000258	0.000154	0.132	0.00000465	0.000451	0.000361	0.00108	0.000573
2105 Nov	0.000187	0.0008	0.0673	0.00000651	2.85	3.24	0.0361	0.00138	9.62	0.00156	0.0223	0.000178	0.000257	0.000154	0.131	0.00000465	0.000452	0.000353	0.00106	0.000575
2105 Dec	0.000187	0.000801	0.0673	0.00000651	2.85	3.24	0.0361	0.00138	9.62	0.00156	0.0223	0.000178	0.000257	0.000154	0.131	0.00000466	0.000452	0.000353	0.00106	0.000576
2106 Jan	0.000187	0.000801	0.0673	0.00000651	2.85	3.24	0.0361	0.00138	9.62	0.00156	0.0223	0.000178	0.000257	0.000154	0.131	0.00000466	0.000452	0.000353	0.00106	0.000576
2106 Feb	0.000187	0.000801	0.0673	0.00000651	2.85	3.24	0.0361	0.00138	9.62	0.00156	0.0223	0.000178	0.000257	0.000154	0.131	0.00000466	0.000452	0.000353	0.00106	0.000576
2106 Mar	0.000187	0.000801	0.0673	0.00000651	2.85	3.25	0.0362	0.00139	9.62	0.00156	0.0223	0.000178	0.000257	0.000154	0.131	0.00000466	0.000452	0.000353	0.00106	0.000576
2106 Apr	0.000188	0.000805	0.0677	0.00000654	2.86	3.26	0.0363	0.00139	9.67	0.00157	0.0224	0.000179	0.000259	0.000155	0.132	0.00000468	0.000455	0.000355	0.00107	0.000579
2106 May	0.000196	0.000821	0.0705	0.00000667	2.9	3.33	0.0377	0.0014	9.79	0.0016	0.0226	0.00019	0.000262	0.000157	0.134	0.00000472	0.000457	0.000371	0.00109	0.000581
2106 Jun	0.000198	0.000792	0.0699	0.00000645	2.86	3.29	0.0385	0.00137	9.55	0.00157	0.0217	0.0002	0.000266	0.000155	0.132	0.00000466	0.000451	0.000386	0.00109	0.000579
2106 Jul	0.000199	0.000819	0.071	0.00000674	2.98	3.4	0.0391	0.00144	9.94	0.00164	0.0226	0.000199	0.00028	0.000162	0.137	0.00000489	0.000475	0.000394	0.00115	0.000611

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Aug	0.000198	0.000825	0.0718	0.00000688	2.95	3.37	0.0385	0.00142	9.83	0.00163	0.0223	0.000196	0.000275	0.00016	0.136	0.00000485	0.000467	0.000387	0.00115	0.000598
2106 Sep	0.000189	0.000807	0.069	0.00000676	2.89	3.28	0.0368	0.00141	9.6	0.00159	0.0219	0.000182	0.000267	0.000157	0.133	0.00000481	0.000456	0.000365	0.00112	0.00059
2106 Oct	0.000186	0.000802	0.0677	0.0000067	2.88	3.26	0.0362	0.00142	9.54	0.00158	0.0219	0.000176	0.000264	0.000156	0.132	0.00000482	0.000455	0.000357	0.0011	0.000591
2106 Nov	0.000186	0.000804	0.0679	0.00000671	2.89	3.26	0.0362	0.00142	9.56	0.00158	0.0219	0.000176	0.000265	0.000157	0.132	0.00000483	0.000456	0.000357	0.00111	0.000593
2106 Dec	0.000186	0.000804	0.0679	0.00000672	2.89	3.27	0.0362	0.00142	9.57	0.00158	0.0219	0.000176	0.000265	0.000157	0.132	0.00000483	0.000456	0.000358	0.00111	0.000593
2107 Jan	0.000186	0.000805	0.0679	0.00000672	2.89	3.27	0.0363	0.00142	9.57	0.00158	0.0219	0.000176	0.000265	0.000157	0.132	0.00000483	0.000456	0.000358	0.00111	0.000593
2107 Feb	0.000186	0.000805	0.0679	0.00000672	2.89	3.27	0.0363	0.00142	9.57	0.00158	0.0219	0.000176	0.000265	0.000157	0.132	0.00000483	0.000456	0.000358	0.00111	0.000593
2107 Mar	0.000186	0.000806	0.068	0.00000673	2.89	3.27	0.0363	0.00143	9.58	0.00158	0.022	0.000176	0.000265	0.000157	0.133	0.00000484	0.000457	0.000358	0.00111	0.000594
2107 Apr	0.000187	0.000808	0.0682	0.00000674	2.9	3.28	0.0364	0.00143	9.6	0.00159	0.022	0.000177	0.000266	0.000157	0.133	0.00000485	0.000458	0.000359	0.00111	0.000595
2107 May	0.000195	0.000816	0.0706	0.00000678	2.91	3.32	0.0378	0.00143	9.64	0.0016	0.022	0.00019	0.000268	0.000158	0.135	0.00000485	0.000457	0.000375	0.00112	0.000594
2107 Jun	0.00021	0.000821	0.0745	0.00000674	2.94	3.4	0.0407	0.00142	9.67	0.00162	0.0216	0.000217	0.000272	0.00016	0.137	0.00000484	0.000456	0.000408	0.00113	0.000594
2107 Jul	0.000213	0.000841	0.0768	0.00000697	2.97	3.45	0.0412	0.00143	9.8	0.00164	0.0219	0.00022	0.000276	0.000162	0.139	0.00000491	0.00046	0.000414	0.00117	0.000598
2107 Aug	0.00022	0.000874	0.0798	0.00000727	3.07	3.56	0.0425	0.00147	10.1	0.0017	0.0227	0.000227	0.000285	0.000167	0.144	0.00000507	0.000474	0.000427	0.00121	0.000616
2107 Sep	0.00022	0.000881	0.0806	0.00000736	3.06	3.56	0.0423	0.00147	10.1	0.0017	0.0226	0.000226	0.000283	0.000167	0.144	0.00000506	0.000471	0.000426	0.00122	0.00061
2107 Oct	0.000216	0.000874	0.0797	0.00000732	3.01	3.5	0.0413	0.00145	9.92	0.00168	0.0223	0.000219	0.000276	0.000163	0.141	0.00000498	0.000462	0.000418	0.00121	0.000598
2107 Nov	0.000215	0.000871	0.0792	0.0000073	2.99	3.48	0.041	0.00145	9.88	0.00167	0.0222	0.000217	0.000275	0.000163	0.141	0.00000497	0.00046	0.000414	0.0012	0.000596
2107 Dec	0.000215	0.000871	0.0793	0.0000073	3	3.48	0.041	0.00145	9.88	0.00167	0.0222	0.000217	0.000275	0.000163	0.141	0.00000497	0.000461	0.000414	0.0012	0.000596
2108 Jan	0.000215	0.000871	0.0793	0.0000073	3	3.48	0.041	0.00145	9.88	0.00167	0.0222	0.000217	0.000275	0.000163	0.141	0.00000497	0.000461	0.000414	0.0012	0.000596
2108 Feb	0.000215	0.000872	0.0793	0.0000073	3	3.48	0.041	0.00145	9.88	0.00167	0.0222	0.000217	0.000275	0.000163	0.141	0.00000497	0.000461	0.000414	0.0012	0.000596
2108 Mar	0.000215	0.000873	0.0794	0.00000731	3	3.49	0.0411	0.00145	9.9	0.00167	0.0223	0.000217	0.000275	0.000163	0.141	0.00000498	0.000461	0.000415	0.0012	0.000597
2108 Apr	0.000217	0.000881	0.0801	0.00000738	3.03	3.52	0.0414	0.00146	9.99	0.00169	0.0225	0.000219	0.000278	0.000164	0.142	0.00000502	0.000466	0.000419	0.00121	0.000602
2108 May	0.000222	0.000899	0.082	0.00000753	3.09	3.59	0.0424	0.00149	10.2	0.00172	0.0229	0.000225	0.000283	0.000168	0.145	0.00000512	0.000474	0.000429	0.00124	0.000613
2108 Jun	0.000218	0.00087	0.0812	0.00000744	2.97	3.47	0.0415	0.00142	9.72	0.00167	0.022	0.000224	0.00028	0.000162	0.14	0.00000496	0.00045	0.000434	0.00125	0.000586
2108 Jul	0.000226	0.000908	0.0846	0.00000782	3.1	3.62	0.0431	0.00149	10.2	0.00174	0.023	0.000231	0.000295	0.000169	0.147	0.00000521	0.000471	0.000454	0.00132	0.000614
2108 Aug	0.000238	0.000958	0.0893	0.00000827	3.26	3.8	0.0453	0.00157	10.7	0.00183	0.0242	0.000242	0.000309	0.000178	0.154	0.00000548	0.000495	0.000477	0.0014	0.000644
2108 Sep	0.000238	0.000964	0.0899	0.00000835	3.26	3.81	0.0453	0.00157	10.7	0.00184	0.0243	0.000242	0.000308	0.000178	0.154	0.00000548	0.000494	0.000476	0.0014	0.000642
2108 Oct	0.000225	0.000929	0.0867	0.0000081	3.06	3.59	0.0423	0.00147	10.1	0.00174	0.0229	0.000225	0.000286	0.000166	0.146	0.00000515	0.00046	0.000448	0.00134	0.000594
2108 Nov	0.000224	0.000927	0.0865	0.00000809	3.04	3.57	0.0419	0.00146	9.98	0.00173	0.0227	0.000222	0.000284	0.000165	0.145	0.00000511	0.000456	0.000445	0.00133	0.000588
2108 Dec	0.000224	0.000927	0.0865	0.00000809	3.04	3.57	0.0419	0.00146	9.98	0.00173	0.0227	0.000222	0.000284	0.000165	0.145	0.00000512	0.000456	0.000445	0.00134	0.000589
2109 Jan	0.000224	0.000927	0.0865	0.00000809	3.04	3.57	0.0419	0.00146	9.99	0.00173	0.0227	0.000223	0.000284	0.000165	0.145	0.00000512	0.000456	0.000446	0.00134	0.000589
2109 Feb	0.000224	0.000928	0.0865	0.00000809	3.04	3.57	0.0419	0.00146	9.99	0.00173	0.0228	0.000223	0.000284	0.000165	0.145	0.00000512	0.000457	0.000446	0.00134	0.000589
2109 Mar	0.000224	0.000929	0.0866	0.0000081	3.05	3.58	0.042	0.00146	10	0.00173	0.0228	0.000223	0.000284	0.000165	0.145	0.00000513	0.000457	0.000446	0.00134	0.00059
2109 Apr	0.000226	0.000934	0.0872	0.00000815	3.07	3.6	0.0422	0.00147	10.1	0.00174	0.0229	0.000224	0.000286	0.000166	0.146	0.00000516	0.00046	0.000449	0.00135	0.000593
2109 May	0.000236	0.000942	0.0902	0.00000816	3.07	3.65	0.0442	0.00147	10.1	0.00175	0.0228	0.000242	0.000287	0.000167	0.148	0.00000515	0.000457	0.00047	0.00135	0.00059
2109 Jun	0.00025	0.00094	0.093	0.00000802	3.09	3.71	0.0467	0.00146	10.1	0.00175	0.0226	0.000266	0.00029	0.000169	0.15	0.00000516	0.000453	0.000495	0.00135	0.000591
2109 Jul	0.000255	0.000967	0.0959	0.00000831	3.15	3.78	0.0476	0.00149	10.3	0.00179	0.0231	0.000272	0.000296	0.000172	0.153	0.00000527	0.00046	0.000506	0.00139	0.000599
2109 Aug	0.000262	0.001	0.0993	0.00000863	3.23	3.88	0.0487	0.00152	10.5	0.00185	0.0237	0.000279	0.000303	0.000176	0.158	0.0000054	0.00047	0.000518	0.00144	0.000612
2109 Sep	0.000255	0.000987	0.0975	0.00000855	3.16	3.8	0.0473	0.0015	10.3	0.00181	0.0233	0.000269	0.000295	0.000172	0.154	0.00000531	0.00046	0.000503	0.00141	0.000598
2109 Oct	0.000233	0.000933	0.0891	0.00000802	3.04	3.61	0.0435	0.00148	9.88	0.00172	0.0224	0.000238	0.00028	0.000166	0.147	0.00000518	0.000448	0.000455	0.00131	0.000589
2109 Nov	0.000232	0.000932	0.0886	0.000008	3.05	3.61	0.0433	0.00148	9.89	0.00172	0.0224	0.000236	0.00028	0.000166	0.147	0.00000519	0.000449	0.000453	0.00131	0.000592
2109 Dec	0.000233	0.000932	0.0887	0.00000801	3.05	3.61	0.0434	0.00148	9.9	0.00172	0.0225	0.000236	0.00028	0.000166	0.147	0.00000519	0.000449	0.000453	0.00131	0.000592
2110 Jan	0.000233	0.000933	0.0887	0.00000801	3.05	3.61	0.0434	0.00148	9.9	0.00172	0.0225	0.000236	0.000281	0.000166	0.147	0.00000519	0.000449	0.000453	0.00131	0.000592
2110 Feb	0.000233	0.000933	0.0887	0.00000801	3.05	3.61	0.0434	0.00149	9.9	0.00172	0.0225	0.000236	0.000281	0.000166	0.147	0.0000052	0.000449	0.000453	0.00131	0.000593
2110 Mar	0.000233	0.000934	0.0888	0.00000802	3.05	3.61	0.0434	0.00149	9.91	0.00172	0.0225	0.000236	0.000281	0.000166	0.147	0.0000052	0.00045	0.000454	0.00131	0.000593
2110 Apr	0.000234	0.000937	0.0891	0.00000805	3.06	3.63	0.0436	0.00149	9.95	0.00172	0.0226	0.000237	0.000282	0.000167	0.148	0.00000522	0.000451	0.000455	0.00132	0.000595
2110 May	0.000239	0.000947	0.0909	0.00000812	3.09	3.67	0.0445	0.0015	10	0.00174	0.0227	0.000245	0.000285	0.000168	0.15	0.00000526	0.000454	0.000466	0.00133	0.000599
2110 Jun	0.000233	0.000883	0.0857	0.00000746	3.01	3.56	0.0443	0.00146	9.65	0.00167	0.0215	0.000247	0.000281	0.000165	0.145	0.00000511	0.000445	0.00046	0.00126	0.000597
2110 Jul	0.000236	0.000905	0.0873	0.0000077	3.08	3.63	0.0449	0.0015	9.88	0.00171	0.022	0.000248	0.00029	0.000169	0.148	0.00000526	0.000458	0.000468	0.0013	0.000614
2110 Aug	0.000213	0.000861	0.0794	0.00000735	3	3.46	0.041	0.00149	9.55	0.00165	0.0212	0.000217	0.000277	0.000164	0.141	0.00000518	0.000452	0.000414	0.00121	0.000613
2110 Sep	0.000194	0.000822	0.0719	0.00000696	2.95	3.34	0.0379	0.0015	9.35	0.00159	0.0205	0.000187	0.000268	0.000161	0.136	0.00000512	0.000456	0.000371	0.00113	0.000621
2110 Oct	0.00018	0.000794	0.066	0.00000665	2.92	3.26	0.0354	0.00152	9.21	0.00156	0.02	0.000163	0.000261	0.000159	0.132	0.0000051	0.000461	0.000339	0.00106	0.000631
2110 Nov	0.000177	0.000788	0.0649	0.00000658	2.92	3.24	0.0349	0.00153	9.19	0.00155	0.0199	0.000159	0.00026	0.000158	0.132	0.00000509	0.000462	0.000333	0.00105	0.000633
2110 Dec	0.000177	0.000788	0.0649	0.00000659	2.92	3.25	0.035	0.00153	9.19	0.00155	0.0199	0.000159	0.00026	0.000159	0.132	0.0000051	0.000462	0.000333	0.00105	0.000633
2111 Jan	0.000177	0.000789	0.0649	0.00000659	2.92	3.25	0.035	0.00153	9.19	0.00155	0.0199	0.000159	0.00026	0.000159	0.132	0.0000051	0.000463	0.000333	0.00105	0.000633
2111 Feb	0.000177	0.000789	0.0649	0.00000659	2.92	3.25	0.035	0.00153	9.19	0.00155	0.0199	0.000159	0.00026	0.000159	0.132	0.0000051	0.000463	0.000333	0.00105	0.000633
2111 Mar	0.000177	0.00079	0.065	0.0000066	2.93	3.25	0.035	0.00153	9.21	0.00155	0.02	0.000159	0.00026	0.000159	0.132	0.00000511	0.000463	0.000334	0.00105	0.000635
2111 Apr	0.000178	0.000795	0.0655	0.00000665	2.95	3.27	0.0353	0.00154	9.27	0.00156	0.0201	0.00016	0.000262	0.00016	0.133	0.00000514	0.000467	0.000336	0.00106	0.000639
2111 May	0.000189	0.000812	0.0689	0.00000677	2.98	3.35	0.0371	0.00155	9.38	0.00159	0.0203	0.000176	0.000266	0.000162	0.136	0.00000518	0.000468	0.000357	0.00108	0.00064
2111 Jun	0.000208	0.000812	0.0739	0.00000669	2.98	3.42	0.0407	0.00152	9.33	0.0016	0.0197	0.000212	0.000271	0.000163	0.138	0.00000512	0.00046	0.000401	0.0011	0.000633
2111 Jul	0.000218	0.000856	0.078	0.00000709	3.13	3.59	0.0427	0.00159	9.79	0.00168	0.0207	0.000222	0.000285	0.000172	0.145	0.00000538	0.000483	0.000422	0.00117	0.000664
2111 Aug	0.000211	0.000846	0.077	0.00000711	3.04	3.49	0.0412	0.00155	9.54	0.00165	0.0202	0.000213	0.000276	0.000167	0.141	0.00000526	0.000468	0.000405	0.00116	0.000642
2111 Sep	0.000206	0.000838	0.0751	0.00000708	3.02	3.45	0.0401	0.00155	9.43	0.00163	0.0201	0.000203	0.000271	0.000166	0.14	0.00000526	0.000463	0.00039	0.00114	0.00064
2111 Oct	0.000194	0.000813	0.0709	0.00000683	2.98	3.36	0.0382	0.00155	9.25	0.00159	0.0197	0.000186	0.000265	0.000163	0.137	0.00000522	0.000461	0.000367	0.0011	0.00064
2111 Nov	0.000188	0.000801	0.0683	0.00000671	2.96	3.32	0.037	0.00156	9.18	0.00157	0.0195	0.000176	0.000262	0.000162	0.135	0.00000521	0.000462	0.000353	0.00107	0.000644
2111 Dec	0.000188	0.000801	0.0683	0.00000671	2.96	3.32	0.037	0.00156	9.18	0.00157	0.0195	0.000175	0.000262	0.000162	0.135	0.00000521	0.000462	0.000353	0.00107	0.000644
2112 Jan	0.000188	0.000801	0.0684	0.00000671	2.96	3.32	0.037	0.00156	9.19	0.00157	0.0195	0.000175	0.000262	0.000162	0.135	0.00000521	0.000462	0.000353	0.00107	0.000644
2112 Feb	0.000188	0.000802	0.0684	0.00000671	2.96	3.32	0.037	0.00156	9.19	0.00157	0.0195	0.000176	0.000263	0.000162	0.135	0.00000522	0.000462	0.000353	0.00107	0.000645

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2112 Mar	0.000188	0.000803	0.0685	0.00000672	2.97	3.33	0.0371	0.00156	9.21	0.00157	0.0195	0.000176	0.000263	0.000162	0.135	0.00000523	0.000463	0.000353	0.00107	0.000646
2112 Apr	0.000189	0.000808	0.0689	0.00000676	2.99	3.35	0.0373	0.00157	9.26	0.00158	0.0196	0.000177	0.000265	0.000163	0.136	0.00000526	0.000466	0.000355	0.00108	0.00065
2112 May	0.000202	0.000824	0.0729	0.00000686	3.02	3.43	0.0396	0.00157	9.35	0.00161	0.0197	0.000197	0.000268	0.000165	0.139	0.00000528	0.000465	0.000381	0.0011	0.000649
2112 Jun	0.000201	0.000776	0.0702	0.00000639	2.97	3.37	0.0403	0.00154	9.09	0.00157	0.0186	0.000206	0.000271	0.000164	0.136	0.00000518	0.000464	0.000391	0.00107	0.000653
2112 Jul	0.0002	0.000788	0.0702	0.00000658	3.04	3.42	0.0403	0.00159	9.28	0.0016	0.019	0.000202	0.000281	0.000168	0.138	0.00000535	0.000477	0.000394	0.0011	0.000676
2112 Aug	0.000206	0.000815	0.0727	0.00000684	3.13	3.52	0.0413	0.00163	9.53	0.00165	0.0195	0.000207	0.000287	0.000172	0.142	0.0000055	0.000489	0.000404	0.00114	0.000692
2112 Sep	0.000204	0.000815	0.0727	0.0000069	3.09	3.48	0.0407	0.00161	9.42	0.00164	0.0193	0.000203	0.000282	0.00017	0.141	0.00000543	0.000481	0.000398	0.00114	0.000678
2112 Oct	0.0002	0.000809	0.0719	0.00000685	3.05	3.44	0.0399	0.0016	9.31	0.00162	0.0191	0.000198	0.000278	0.000168	0.139	0.00000538	0.000475	0.00039	0.00113	0.00067
2112 Nov	0.0002	0.000809	0.0717	0.00000685	3.05	3.44	0.0399	0.0016	9.31	0.00162	0.0192	0.000197	0.000278	0.000168	0.139	0.00000539	0.000475	0.000389	0.00113	0.000672
2112 Dec	0.0002	0.00081	0.0718	0.00000685	3.06	3.44	0.0399	0.0016	9.32	0.00162	0.0192	0.000197	0.000278	0.000168	0.139	0.0000054	0.000476	0.000389	0.00113	0.000672
2113 Jan	0.0002	0.00081	0.0718	0.00000685	3.06	3.44	0.0399	0.0016	9.32	0.00162	0.0192	0.000197	0.000278	0.000168	0.139	0.0000054	0.000476	0.000389	0.00113	0.000672
2113 Feb	0.0002	0.00081	0.0718	0.00000686	3.06	3.44	0.0399	0.0016	9.32	0.00162	0.0192	0.000197	0.000278	0.000168	0.139	0.0000054	0.000476	0.000389	0.00113	0.000672
2113 Mar	0.000201	0.000812	0.072	0.00000688	3.07	3.45	0.04	0.00161	9.35	0.00163	0.0192	0.000197	0.000279	0.000169	0.14	0.00000542	0.000477	0.00039	0.00113	0.000675
2113 Apr	0.000202	0.000817	0.0724	0.00000692	3.08	3.47	0.0403	0.00162	9.41	0.00163	0.0194	0.000199	0.000281	0.00017	0.14	0.00000545	0.00048	0.000393	0.00114	0.000678
2113 May	0.000212	0.000833	0.076	0.00000703	3.11	3.54	0.0421	0.00162	9.49	0.00166	0.0195	0.000215	0.000283	0.000171	0.143	0.00000547	0.000479	0.000414	0.00116	0.000677
2113 Jun	0.000221	0.00082	0.0775	0.00000684	3.08	3.54	0.0437	0.0016	9.33	0.00164	0.0189	0.000233	0.000284	0.000171	0.143	0.00000542	0.000469	0.000433	0.00115	0.000671
2113 Jul	0.000226	0.00085	0.0804	0.00000715	3.17	3.64	0.0448	0.00164	9.61	0.00169	0.0195	0.000239	0.000292	0.000176	0.147	0.00000559	0.000483	0.000444	0.0012	0.000689
2113 Aug	0.000231	0.000874	0.0828	0.00000739	3.23	3.72	0.0456	0.00167	9.8	0.00173	0.0199	0.000243	0.000297	0.000179	0.15	0.00000569	0.00049	0.000452	0.00123	0.000699
2113 Sep	0.000226	0.000866	0.0817	0.00000737	3.16	3.64	0.0443	0.00164	9.6	0.0017	0.0196	0.000234	0.000289	0.000175	0.147	0.00000559	0.000479	0.000439	0.00121	0.000681
2113 Oct	0.000205	0.000822	0.0743	0.00000695	3.05	3.46	0.0405	0.00162	9.18	0.00161	0.0188	0.000203	0.000274	0.000168	0.14	0.00000546	0.000465	0.000394	0.00113	0.00067
2113 Nov	0.000201	0.000816	0.0728	0.00000689	3.04	3.43	0.0398	0.00162	9.15	0.0016	0.0187	0.000196	0.000272	0.000167	0.139	0.00000546	0.000467	0.000385	0.00111	0.000673
2113 Dec	0.000201	0.000816	0.0729	0.0000069	3.04	3.44	0.0398	0.00162	9.15	0.0016	0.0187	0.000196	0.000272	0.000168	0.139	0.00000546	0.000467	0.000385	0.00111	0.000673
2114 Jan	0.000201	0.000816	0.0729	0.0000069	3.04	3.44	0.0398	0.00163	9.16	0.0016	0.0187	0.000196	0.000272	0.000168	0.139	0.00000547	0.000467	0.000385	0.00111	0.000674
2114 Feb	0.000201	0.000817	0.0729	0.0000069	3.04	3.44	0.0398	0.00163	9.16	0.0016	0.0188	0.000196	0.000272	0.000168	0.139	0.00000547	0.000467	0.000385	0.00111	0.000674
2114 Mar	0.000201	0.000818	0.073	0.00000691	3.05	3.44	0.0399	0.00163	9.17	0.0016	0.0188	0.000197	0.000273	0.000168	0.14	0.00000548	0.000468	0.000386	0.00112	0.000675
2114 Apr	0.000202	0.000821	0.0733	0.00000694	3.06	3.46	0.04	0.00163	9.21	0.00161	0.0189	0.000197	0.000274	0.000169	0.14	0.0000055	0.00047	0.000387	0.00112	0.000678
2114 May	0.000213	0.000829	0.0763	0.00000695	3.08	3.51	0.042	0.00163	9.25	0.00162	0.0188	0.000216	0.000276	0.00017	0.142	0.00000549	0.000468	0.000409	0.00113	0.000676
2114 Jun	0.000229	0.000848	0.081	0.00000706	3.14	3.63	0.0451	0.00164	9.44	0.00167	0.0189	0.000241	0.000285	0.000174	0.147	0.00000557	0.000475	0.000443	0.00117	0.000686
2114 Jul	0.000242	0.0009	0.0861	0.00000752	3.32	3.84	0.0476	0.00173	9.97	0.00176	0.02	0.000255	0.000301	0.000184	0.155	0.00000589	0.000501	0.00047	0.00124	0.000724
2114 Aug	0.000255	0.000951	0.091	0.00000796	3.5	4.05	0.0501	0.00183	10.5	0.00186	0.0211	0.000269	0.000317	0.000194	0.164	0.0000062	0.000527	0.000494	0.00131	0.000761
2114 Sep	0.000248	0.000937	0.0896	0.00000792	3.38	3.92	0.0483	0.00176	10.2	0.00181	0.0205	0.000258	0.000304	0.000187	0.159	0.000006	0.000507	0.000478	0.00129	0.000729
2114 Oct	0.000237	0.000913	0.0871	0.00000776	3.24	3.77	0.0459	0.00169	9.77	0.00174	0.0197	0.000243	0.000289	0.000178	0.152	0.00000575	0.000483	0.000456	0.00125	0.000693
2114 Nov	0.000226	0.000885	0.083	0.00000752	3.16	3.65	0.0437	0.00167	9.48	0.00169	0.0192	0.000226	0.00028	0.000174	0.148	0.00000566	0.000472	0.000431	0.0012	0.000682
2114 Dec	0.000225	0.000884	0.0828	0.00000751	3.16	3.64	0.0436	0.00167	9.48	0.00169	0.0192	0.000226	0.00028	0.000174	0.148	0.00000566	0.000472	0.00043	0.0012	0.000682
2115 Jan	0.000225	0.000885	0.0828	0.00000751	3.16	3.65	0.0436	0.00167	9.48	0.00169	0.0193	0.000226	0.00028	0.000174	0.148	0.00000566	0.000473	0.00043	0.0012	0.000683
2115 Feb	0.000225	0.000885	0.0828	0.00000751	3.16	3.65	0.0436	0.00167	9.48	0.00169	0.0193	0.000226	0.00028	0.000174	0.148	0.00000566	0.000473	0.00043	0.0012	0.000683
2115 Mar	0.000226	0.000886	0.0829	0.00000752	3.16	3.65	0.0437	0.00168	9.49	0.00169	0.0193	0.000226	0.00028	0.000174	0.148	0.00000567	0.000473	0.000431	0.0012	0.000683
2115 Apr	0.000227	0.000891	0.0834	0.00000756	3.18	3.67	0.0439	0.00168	9.55	0.0017	0.0194	0.000227	0.000282	0.000175	0.149	0.0000057	0.000476	0.000433	0.00121	0.000687
2115 May	0.000237	0.000895	0.0863	0.00000755	3.17	3.71	0.0457	0.00167	9.52	0.0017	0.0192	0.000245	0.000283	0.000175	0.15	0.00000567	0.000469	0.000454	0.00122	0.00068
2115 Jun	0.000253	0.000922	0.0913	0.00000772	3.26	3.85	0.0488	0.00171	9.78	0.00175	0.0197	0.00027	0.000293	0.000181	0.156	0.00000582	0.000478	0.000487	0.00126	0.000697
2115 Jul	0.000264	0.000968	0.0959	0.00000814	3.4	4.01	0.0509	0.00177	10.2	0.00183	0.0205	0.000282	0.000305	0.000189	0.163	0.00000608	0.000497	0.000507	0.00132	0.000724
2115 Aug	0.000255	0.000948	0.0939	0.00000809	3.28	3.87	0.0487	0.0017	9.83	0.00177	0.0199	0.000269	0.000292	0.000182	0.157	0.00000586	0.000476	0.000485	0.0013	0.00069
2115 Sep	0.000251	0.000946	0.0931	0.00000812	3.25	3.84	0.0479	0.00169	9.76	0.00176	0.0197	0.000263	0.000288	0.00018	0.156	0.00000583	0.000471	0.000475	0.00129	0.000683
2115 Oct	0.000249	0.000942	0.0924	0.00000809	3.24	3.82	0.0475	0.00169	9.72	0.00176	0.0197	0.000259	0.000286	0.000179	0.155	0.00000582	0.00047	0.00047	0.00128	0.000683
2115 Nov	0.000241	0.000925	0.0896	0.00000793	3.21	3.76	0.0462	0.0017	9.6	0.00173	0.0195	0.000248	0.000283	0.000178	0.153	0.00000581	0.000468	0.000455	0.00126	0.000684
2115 Dec	0.000241	0.000925	0.0895	0.00000793	3.21	3.76	0.0462	0.0017	9.6	0.00173	0.0195	0.000248	0.000283	0.000178	0.153	0.00000581	0.000468	0.000455	0.00126	0.000684
2116 Jan	0.000241	0.000925	0.0895	0.00000793	3.21	3.76	0.0462	0.0017	9.6	0.00173	0.0195	0.000248	0.000283	0.000178	0.153	0.00000581	0.000468	0.000455	0.00126	0.000684
2116 Feb	0.000241	0.000926	0.0895	0.00000793	3.21	3.76	0.0462	0.0017	9.61	0.00173	0.0195	0.000248	0.000283	0.000178	0.153	0.00000581	0.000468	0.000455	0.00126	0.000685
2116 Mar	0.000242	0.000927	0.0896	0.00000794	3.22	3.77	0.0462	0.0017	9.62	0.00173	0.0195	0.000248	0.000283	0.000178	0.153	0.00000582	0.000469	0.000455	0.00126	0.000685
2116 Apr	0.000243	0.000932	0.0901	0.00000798	3.23	3.79	0.0465	0.00171	9.67	0.00174	0.0196	0.000249	0.000285	0.000179	0.154	0.00000585	0.000471	0.000458	0.00126	0.000689
2116 May	0.000252	0.00094	0.0928	0.00000802	3.25	3.83	0.0481	0.0017	9.71	0.00175	0.0196	0.000265	0.000287	0.00018	0.156	0.00000585	0.000469	0.000476	0.00128	0.000687
2116 Jun	0.000237	0.000857	0.0843	0.00000722	3.14	3.66	0.0464	0.00166	9.26	0.00166	0.0182	0.000254	0.000284	0.000175	0.148	0.00000567	0.000464	0.000457	0.00119	0.00069
2116 Jul	0.000245	0.000896	0.0875	0.0000076	3.3	3.83	0.0482	0.00175	9.71	0.00175	0.0191	0.00026	0.0003	0.000184	0.155	0.00000598	0.00049	0.000477	0.00126	0.000728
2116 Aug	0.000254	0.000934	0.0912	0.00000795	3.43	3.98	0.05	0.00182	10.1	0.00182	0.0199	0.00027	0.000311	0.000191	0.161	0.00000621	0.000508	0.000495	0.00131	0.000754
2116 Sep	0.000242	0.000909	0.0883	0.0000078	3.27	3.8	0.0472	0.00174	9.65	0.00175	0.0191	0.000253	0.000294	0.000182	0.154	0.00000594	0.000483	0.000469	0.00127	0.000714
2116 Oct	0.000226	0.000876	0.0832	0.00000752	3.16	3.64	0.0441	0.0017	9.27	0.00167	0.0185	0.000229	0.00028	0.000175	0.148	0.00000579	0.000467	0.000434	0.00121	0.000695
2116 Nov	0.000225	0.000875	0.0827	0.00000751	3.16	3.64	0.0438	0.00171	9.26	0.00167	0.0185	0.000226	0.00028	0.000175	0.148	0.0000058	0.000467	0.000431	0.0012	0.000697
2116 Dec	0.000225	0.000875	0.0827	0.00000751	3.16	3.64	0.0438	0.00171	9.27	0.00167	0.0185	0.000226	0.00028	0.000175	0.148	0.0000058	0.000467	0.000431	0.0012	0.000697
2117 Jan	0.000225	0.000875	0.0827	0.00000751	3.16	3.64	0.0438	0.00171	9.27	0.00167	0.0185	0.000226	0.00028	0.000175	0.148	0.0000058	0.000467	0.000431	0.0012	0.000697
2117 Feb	0.000225	0.000875	0.0827	0.00000751	3.16	3.64	0.0438	0.00171	9.27	0.00167	0.0185	0.000226	0.00028	0.000175	0.148	0.0000058	0.000467	0.000431	0.0012	0.000697
2117 Mar	0.000225	0.000876	0.0828	0.00000752	3.16	3.64	0.0439	0.00171	9.28	0.00167	0.0185	0.000227	0.00028	0.000175	0.148	0.00000581	0.000468	0.000431	0.0012	0.000698
2117 Apr	0.000227	0.000882	0.0834	0.00000757	3.18	3.67	0.0442	0.00172	9.34	0.00168	0.0187	0.000228	0.000282	0.000176	0.149	0.00000585	0.000471	0.000434	0.00121	0.000703
2117 May	0.000237	0.000896	0.0867	0.00000767	3.2	3.73	0.0459	0.00172	9.42	0.0017	0.0187	0.000244	0.000285	0.000178	0.151	0.00000586	0.00047	0.000454	0.00123	0.000701
2117 Jun	0.00025	0.000904	0.0902	0.00000767	3.23	3.8	0.0484	0.00172	9.48	0.00172	0.0187	0.000266	0.00029	0.00018	0.154	0.00000589	0.00047	0.000482	0.00125	0.000704
2117 Jul	0.000262	0.000953	0.0951	0.00000812	3.39	3.99	0.0507	0.0018	9.95	0.00181	0.0196	0.000279	0.000305	0.000189	0.162	0.00000618	0.000492	0.000506	0.00132	0.000737
2117 Aug	0.000267	0.000978	0.0976	0.00000837	3.46	4.07	0.0516	0.00183	10.1	0.00185	0.0201	0.000284	0.00031	0.000193	0.165	0.0000063	0.0005	0.000514	0.00136	0.000748
2117 Sep	0.000269	0.000988	0.0986	0.00000848	3.47	4.08	0.0517	0.00184	10.2	0.00186	0.0202	0.000284	0.00031	0.000193	0.166	0.00000633	0.000501	0.000516	0.00137	0.000748

Appendix C.2-7: A8 West

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2117 Oct	0.000264	0.000979	0.0976	0.00000843	3.4	4.01	0.0505	0.0018	10	0.00183	0.0198	0.000277	0.000302	0.000189	0.163	0.00000619	0.000489	0.000506	0.00135	0.000729
2117 Nov	0.000262	0.000975	0.0972	0.0000084	3.37	3.98	0.0501	0.00179	9.93	0.00182	0.0197	0.000275	0.000299	0.000187	0.162	0.00000615	0.000485	0.000502	0.00134	0.000722
2117 Dec	0.000262	0.000975	0.0972	0.00000841	3.37	3.98	0.0501	0.00179	9.93	0.00182	0.0197	0.000275	0.000299	0.000187	0.162	0.00000615	0.000485	0.000502	0.00134	0.000722
2118 Jan	0.000262	0.000975	0.0972	0.00000841	3.37	3.98	0.0501	0.00179	9.93	0.00182	0.0197	0.000275	0.000299	0.000187	0.162	0.00000615	0.000485	0.000502	0.00134	0.000722
2118 Feb	0.000262	0.000976	0.0972	0.00000841	3.37	3.98	0.0501	0.00179	9.93	0.00182	0.0197	0.000275	0.000299	0.000187	0.162	0.00000615	0.000485	0.000502	0.00134	0.000722
2118 Mar	0.000262	0.000976	0.0973	0.00000841	3.37	3.98	0.0501	0.00179	9.94	0.00182	0.0197	0.000275	0.0003	0.000187	0.162	0.00000615	0.000486	0.000503	0.00135	0.000722
2118 Apr	0.000265	0.000982	0.0981	0.00000845	3.39	4.01	0.0506	0.0018	9.98	0.00183	0.0198	0.000277	0.000301	0.000188	0.163	0.00000617	0.000487	0.000507	0.00135	0.000725
2118 May	0.000277	0.000975	0.101	0.00000831	3.33	4	0.0527	0.00174	9.81	0.00181	0.0193	0.0003	0.000297	0.000185	0.163	0.000006	0.00047	0.000532	0.00134	0.0007
2118 Jun	0.000263	0.000901	0.0933	0.00000756	3.24	3.85	0.051	0.00171	9.44	0.00173	0.0181	0.00029	0.000293	0.000182	0.156	0.00000587	0.000467	0.000509	0.00125	0.000706
2118 Jul	0.000278	0.000956	0.0989	0.00000805	3.43	4.08	0.0539	0.00181	9.99	0.00183	0.0192	0.000306	0.00031	0.000192	0.165	0.00000621	0.000494	0.000538	0.00133	0.000747
2118 Aug	0.000273	0.000953	0.0985	0.00000812	3.37	4.01	0.0527	0.00177	9.83	0.00181	0.019	0.000299	0.000303	0.000188	0.162	0.0000061	0.000483	0.000526	0.00132	0.000727
2118 Sep	0.000247	0.000897	0.0896	0.00000767	3.2	3.76	0.0478	0.00172	9.28	0.0017	0.018	0.00026	0.000283	0.000179	0.153	0.00000588	0.000461	0.00047	0.00123	0.000702
2118 Oct	0.000229	0.000864	0.083	0.00000737	3.16	3.65	0.0448	0.00174	9.11	0.00165	0.0177	0.000233	0.000277	0.000176	0.148	0.00000587	0.000465	0.000433	0.00117	0.000712
2118 Nov	0.000225	0.000857	0.0813	0.00000729	3.16	3.63	0.0441	0.00174	9.09	0.00165	0.0176	0.000226	0.000276	0.000176	0.147	0.00000588	0.000467	0.000425	0.00116	0.000717
2118 Dec	0.000225	0.000858	0.0814	0.0000073	3.16	3.63	0.0442	0.00175	9.1	0.00165	0.0176	0.000226	0.000277	0.000176	0.147	0.00000588	0.000467	0.000425	0.00116	0.000717
2119 Jan	0.000225	0.000858	0.0814	0.0000073	3.16	3.63	0.0442	0.00175	9.1	0.00165	0.0176	0.000226	0.000277	0.000176	0.147	0.00000589	0.000468	0.000425	0.00116	0.000717
2119 Feb	0.000225	0.000858	0.0814	0.0000073	3.16	3.63	0.0442	0.00175	9.1	0.00165	0.0176	0.000226	0.000277	0.000176	0.148	0.00000589	0.000468	0.000425	0.00116	0.000717
2119 Mar	0.000225	0.00086	0.0816	0.00000732	3.17	3.64	0.0443	0.00175	9.12	0.00165	0.0176	0.000227	0.000277	0.000176	0.148	0.0000059	0.000469	0.000426	0.00116	0.000719
2119 Apr	0.000232	0.000872	0.0838	0.00000739	3.2	3.69	0.0455	0.00176	9.21	0.00167	0.0178	0.000233	0.000279	0.000178	0.15	0.00000593	0.000471	0.000438	0.00117	0.000721
2119 May	0.000258	0.000876	0.0901	0.0000072	3.19	3.79	0.0501	0.00171	9.21	0.00168	0.0172	0.000263	0.000279	0.000177	0.153	0.0000058	0.000461	0.000485	0.00116	0.000708
2119 Jun	0.000251	0.000858	0.0874	0.00000708	3.2	3.76	0.0494	0.00172	9.18	0.00167	0.017	0.000259	0.000284	0.000178	0.152	0.00000583	0.000469	0.000479	0.00115	0.000721
2119 Jul	0.000263	0.000904	0.0921	0.00000751	3.35	3.95	0.0518	0.00181	9.64	0.00176	0.0179	0.000271	0.000299	0.000187	0.159	0.00000613	0.000491	0.000506	0.00123	0.000756
2119 Aug	0.000267	0.000926	0.0942	0.00000777	3.4	4	0.0523	0.00183	9.78	0.00179	0.0182	0.000273	0.000302	0.000189	0.161	0.00000621	0.000496	0.000511	0.00126	0.000761
2119 Sep	0.000256	0.000905	0.0915	0.00000766	3.28	3.86	0.05	0.00177	9.44	0.00174	0.0177	0.000259	0.000289	0.000182	0.156	0.000006	0.000476	0.000487	0.00123	0.00073
2119 Oct	0.000242	0.000876	0.0864	0.00000741	3.22	3.75	0.0473	0.00176	9.2	0.00168	0.0173	0.000239	0.000281	0.000179	0.152	0.00000596	0.00047	0.000457	0.00118	0.000728
2119 Nov	0.000235	0.000864	0.084	0.0000073	3.2	3.7	0.0463	0.00177	9.12	0.00166	0.0172	0.00023	0.000279	0.000178	0.15	0.00000597	0.000469	0.000444	0.00116	0.000731
2119 Dec	0.000235	0.000864	0.0841	0.0000073	3.2	3.71	0.0463	0.00177	9.12	0.00166	0.0172	0.00023	0.000279	0.000178	0.15	0.00000597	0.00047	0.000444	0.00116	0.000731

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	34.5	0.00906	0.0049	0.000838	6.89	0.0208	2.64	0.000838	0.000838	0.00000419	0.0056	0.000918	0.00813	0.0126	0.00000419	10.5	0.00000523	0.000141
Operation (2024-2031): Mean	49	0.0751	0.0069	0.000981	11.7	0.0373	4.44	0.000981	0.000981	0.0000049	0.00744	0.00111	0.0107	0.0176	0.0000049	15.6	0.0000147	0.00021
Operation (2024-2031): Max	71.5	0.118	0.0162	0.00119	16.2	0.0477	5.67	0.00119	0.00119	0.00000594	0.00892	0.00151	0.0129	0.0305	0.00000594	25.1	0.0000216	0.000355
Active Closure (2032-2038): Min	35.5	0.00897	0.00473	0.000944	6.79	0.0206	2.54	0.000944	0.000944	0.00000472	0.00548	0.000985	0.0084	0.0128	0.00000472	10.5	0.00000534	0.000122
Active Closure (2032-2038): Mean	51.5	0.09	0.00652	0.00101	12.7	0.0417	4.88	0.00101	0.00101	0.00000507	0.00787	0.00116	0.0113	0.0183	0.00000507	16.4	0.0000144	0.000212
Active Closure (2032-2038): Max	71.4	0.117	0.017	0.00119	17.1	0.0467	6.21	0.00119	0.00119	0.00000597	0.00904	0.00149	0.0129	0.0316	0.00000597	25.7	0.0000212	0.000356
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	51.6	0.0576	0.00505	0.00101	13.1	0.029	5.19	0.000904	0.000774	0.00000408	0.00514	0.000906	0.0118	0.0113	0.00000449	12.3	0.0000133	0.000202
Post Closure (2039-2119): Mean	81.3	0.0832	0.257	0.00233	22	0.035	14.2	0.00106	0.000945	0.00000486	0.00622	0.00146	0.0216	0.0195	0.00000507	18.1	0.0000165	0.000309
Post Closure (2039-2119): Max	129	0.121	0.527	0.00419	51	0.0482	23.7	0.0013	0.00111	0.00000564	0.00916	0.00225	0.0285	0.0256	0.00000574	24.5	0.0000193	0.000417
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan	45.5	0.0439	0.00868	0.000849	10.2	0.0254	3.68	0.000849	0.000849	0.00000425	0.00599	0.00103	0.00853	0.0178	0.00000425	15.1	0.0000144	0.000215
2024 Feb	45.5	0.0439	0.00868	0.000849	10.2	0.0254	3.68	0.000849	0.000849	0.00000425	0.00599	0.00103	0.00853	0.0178	0.00000425	15.1	0.0000144	0.000215
2024 Mar	45.5	0.0439	0.00869	0.00085	10.2	0.0255	3.69	0.00085	0.00085	0.00000425	0.006	0.00103	0.00854	0.0178	0.00000425	15.1	0.0000145	0.000215
2024 Apr	45.6	0.044	0.0087	0.000851	10.3	0.0255	3.69	0.000851	0.000851	0.00000426	0.00601	0.00103	0.00855	0.0178	0.00000426	15.1	0.0000145	0.000215
2024 May	47.3	0.0451	0.00922	0.000862	10.7	0.0255	3.83	0.000862	0.000862	0.00000431	0.00607	0.00106	0.00861	0.0187	0.00000431	15.8	0.0000148	0.000224
2024 Jun	50.2	0.0434	0.0106	0.000838	11.3	0.0225	3.99	0.000838	0.000838	0.00000419	0.00587	0.0011	0.00813	0.0206	0.00000419	17.2	0.0000154	0.000244
2024 Jul	51.4	0.0436	0.0108	0.000874	11.5	0.0234	4.06	0.000874	0.000874	0.00000437	0.00612	0.00113	0.00847	0.021	0.00000437	17.5	0.0000161	0.00025
2024 Aug	52.3	0.0445	0.0109	0.000901	11.7	0.0248	4.15	0.000901	0.000901	0.0000045	0.00625	0.00116	0.00882	0.0213	0.0000045	17.7	0.000016	0.000253
2024 Sep	51.7	0.0467	0.0105	0.000903	11.7	0.026	4.16	0.000903	0.000903	0.00000451	0.00627	0.00115	0.00902	0.0208	0.00000451	17.5	0.0000156	0.000248
2024 Oct	51.7	0.0488	0.0103	0.000907	11.8	0.0266	4.19	0.000907	0.000907	0.00000453	0.00635	0.00115	0.00911	0.0207	0.00000453	17.4	0.0000156	0.000247
2024 Nov	51.7	0.0498	0.0102	0.000908	11.8	0.0269	4.21	0.000908	0.000908	0.00000454	0.00638	0.00115	0.00915	0.0207	0.00000454	17.4	0.0000156	0.000246
2024 Dec	51.7	0.0499	0.0102	0.000909	11.8	0.0269	4.21	0.000909	0.000909	0.00000454	0.00639	0.00115	0.00915	0.0207	0.00000454	17.4	0.0000156	0.000246
2025 Jan	51.7	0.0499	0.0102	0.000909	11.8	0.0269	4.21	0.000909	0.000909	0.00000454	0.00639	0.00115	0.00915	0.0207	0.00000454	17.4	0.0000156	0.000246
2025 Feb	51.8	0.0499	0.0102	0.000909	11.8	0.0269	4.21	0.000909	0.000909	0.00000454	0.00639	0.00115	0.00915	0.0207	0.00000454	17.4	0.0000156	0.000246
2025 Mar	51.8	0.0499	0.0102	0.000909	11.8	0.0269	4.21	0.000909	0.000909	0.00000454	0.00639	0.00115	0.00915	0.0207	0.00000454	17.4	0.0000156	0.000246
2025 Apr	51.8	0.0499	0.0102	0.000909	11.8	0.027	4.21	0.000909	0.000909	0.00000455	0.00639	0.00115	0.00916	0.0207	0.00000455	17.4	0.0000156	0.000246
2025 May	52.5	0.0506	0.0104	0.000921	12	0.0273	4.27	0.000921	0.000921	0.00000461	0.00648	0.00116	0.00928	0.021	0.00000461	17.7	0.0000158	0.000249
2025 Jun	49.6	0.0448	0.00978	0.000917	11	0.026	3.92	0.000917	0.000917	0.00000459	0.0065	0.00111	0.00923	0.0194	0.00000459	16.4	0.0000164	0.000239
2025 Jul	44.9	0.036	0.00878	0.000905	9.62	0.0247	3.43	0.000905	0.000905	0.00000453	0.00639	0.00103	0.009	0.0171	0.00000453	14.5	0.0000164	0.000219
2025 Aug	46.3	0.0367	0.00897	0.000942	9.94	0.0262	3.55	0.000942	0.000942	0.00000471	0.00657	0.00107	0.00935	0.0177	0.00000471	14.9	0.0000166	0.000224
2025 Sep	46.5	0.0384	0.00886	0.000947	10.1	0.0269	3.6	0.000947	0.000947	0.00000473	0.00661	0.00107	0.0095	0.0176	0.00000473	15	0.0000164	0.000224
2025 Oct	46	0.0422	0.0085	0.000935	10.1	0.0276	3.63	0.000935	0.000935	0.00000468	0.00662	0.00106	0.00948	0.0174	0.00000468	14.8	0.0000161	0.000219
2025 Nov	45.8	0.0439	0.00832	0.000928	10.1	0.0279	3.65	0.000928	0.000928	0.00000464	0.00661	0.00105	0.00946	0.0172	0.00000464	14.7	0.0000159	0.000216
2025 Dec	45.8	0.0439	0.00832	0.000929	10.1	0.0279	3.65	0.000929	0.000929	0.00000464	0.00662	0.00105	0.00946	0.0172	0.00000464	14.7	0.0000159	0.000216
2026 Jan	45.8	0.0439	0.00832	0.000929	10.1	0.0279	3.65	0.000929	0.000929	0.00000464	0.00662	0.00105	0.00946	0.0172	0.00000464	14.7	0.0000159	0.000216
2026 Feb	45.8	0.0439	0.00832	0.000929	10.1	0.0279	3.65	0.000929	0.000929	0.00000464	0.00662	0.00105	0.00946	0.0172	0.00000464	14.7	0.0000159	0.000216
2026 Mar	45.8	0.044	0.00832	0.000929	10.1	0.0279	3.65	0.000929	0.000929	0.00000465	0.00662	0.00105	0.00946	0.0172	0.00000465	14.7	0.0000159	0.000216
2026 Apr	45.9	0.0441	0.00835	0.000932	10.1	0.028	3.66	0.000932	0.000932	0.00000466	0.00664	0.00105	0.00949	0.0172	0.00000466	14.8	0.0000159	0.000217
2026 May	46.5	0.0446	0.00845	0.000942	10.2	0.0282	3.7	0.000942	0.000942	0.00000471	0.00671	0.00107	0.00959	0.0175	0.00000471	14.9	0.0000161	0.00022
2026 Jun	45.2	0.0374	0.00859	0.000939	9.57	0.0256	3.42	0.000939	0.000939	0.0000047	0.00674	0.00104	0.00945	0.0168	0.0000047	14.3	0.0000174	0.000221
2026 Jul	45.6	0.0359	0.00865	0.000976	9.56	0.0265	3.42	0.000976	0.000976	0.00000488	0.00695	0.00106	0.00974	0.0169	0.00000488	14.4	0.0000179	0.000223
2026 Aug	47.3	0.0421	0.00762	0.00105	10.9	0.038	3.9	0.00105	0.00105	0.00000526	0.0066	0.00114	0.012	0.0168	0.00000526	15	0.0000116	0.000217
2026 Sep	49.9	0.0899	0.00564	0.00102	12.5	0.0445	4.79	0.00102	0.00102	0.0000051	0.00771	0.00112	0.0123	0.0169	0.0000051	15.6	0.0000124	0.000205
2026 Oct	50.7	0.111	0.00499	0.000993	12.9	0.0447	5.09	0.000993	0.000993	0.00000497	0.00841	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000148	0.000199
2026 Nov	50.7	0.111	0.00499	0.000995	12.9	0.0447	5.1	0.000995	0.000995	0.00000497	0.00842	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000148	0.000199
2026 Dec	50.7	0.111	0.00499	0.000995	12.9	0.0447	5.1	0.000995	0.000995	0.00000497	0.00842	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000148	0.000199
2027 Jan	50.7	0.111	0.00499	0.000995	12.9	0.0447	5.1	0.000995	0.000995	0.00000497	0.00842	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000148	0.000199
2027 Feb	50.7	0.111	0.00499	0.000995	12.9	0.0447	5.1	0.000995	0.000995	0.00000497	0.00842	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000148	0.000199
2027 Mar	50.7	0.111	0.00499	0.000995	12.9	0.0447	5.1	0.000995	0.000995	0.00000497	0.00842	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000148	0.000199
2027 Apr	50.7	0.111	0.00499	0.000995	12.9	0.0447	5.1	0.000995	0.000995	0.00000497	0.00842	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000148	0.000199
2027 May	54.2	0.107	0.00656	0.000996	13.6	0.0426	5.29	0.000996	0.000996	0.00000498	0.00827	0.00117	0.0113	0.0193	0.00000498	17.4	0.0000154	0.000221
2027 Jun	42.8	0.0246	0.00875	0.000958	8.21	0.0208	2.85	0.000958	0.000958	0.00000479	0.0071	0.000979	0.00948	0.0154	0.00000479	13.1	0.0000209	0.000226
2027 Jul	37.9	0.0106	0.00648	0.00109	7.57	0.034	2.89	0.00109	0.00109	0.00000544	0.00641	0.0011	0.00934	0.0142	0.00000544	11.5	0.0000133	0.000156
2027 Aug	43.2	0.0351	0.0061	0.00106	10.4	0.0435	3.8	0.00106	0.00106	0.00000528	0.0058	0.00113	0.012	0.0153	0.00000528	13.7	0.00000616	0.000178
2027 Sep	49.7	0.0958	0.0053	0.001	12.6	0.0449	4.86	0.001	0.001	0.00000502	0.0078	0.0011	0.0121	0.0167	0.00000502	15.6	0.0000125	0.000201
2027 Oct	51.1	0.112	0.005	0.001	13	0.045	5.14	0.001	0.001	0.000005	0.00849	0.00111	0.0117	0.0172	0.000005	15.9	0.000015	0.0002
2027 Nov	51.2	0.113	0.00501	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00851	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.0002
2027 Dec	51.1	0.113	0.00501	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00851	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.0002
2028 Jan	51.1	0.113	0.00501	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00851	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.0002
2028 Feb	51.2	0.113	0.00501	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00851	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.0002
2028 Mar	51.2	0.113	0.00501	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00851	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.0002

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Apr	51.6	0.114	0.00506	0.00101	13.1	0.0455	5.2	0.00101	0.00101	0.00000506	0.00859	0.00112	0.0118	0.0174	0.00000506	16.1	0.0000152	0.000202
2028 May	53.7	0.118	0.00527	0.00105	13.7	0.0472	5.4	0.00105	0.00105	0.00000525	0.00892	0.00117	0.0122	0.0181	0.00000525	16.7	0.0000157	0.00021
2028 Jun	39.1	0.0325	0.00661	0.000993	7.45	0.0253	2.7	0.000993	0.000993	0.00000497	0.00762	0.000918	0.0103	0.0126	0.00000497	11.1	0.0000207	0.0002
2028 Jul	37.7	0.00997	0.00632	0.0011	7.6	0.0354	2.92	0.0011	0.0011	0.00000551	0.00637	0.00112	0.00936	0.0142	0.00000551	11.5	0.0000126	0.000151
2028 Aug	45.6	0.0293	0.00676	0.00119	10.5	0.0457	3.9	0.00119	0.00119	0.00000593	0.00655	0.00125	0.0122	0.0166	0.00000593	14.4	0.00000867	0.000183
2028 Sep	50.1	0.0861	0.00568	0.00106	12.5	0.0461	4.8	0.00106	0.00106	0.00000531	0.00779	0.00116	0.0124	0.0171	0.00000531	15.7	0.0000122	0.000201
2028 Oct	50.7	0.112	0.00496	0.000992	12.9	0.0446	5.1	0.000992	0.000992	0.00000496	0.00843	0.0011	0.0116	0.0171	0.00000496	15.8	0.0000149	0.000198
2028 Nov	51.1	0.113	0.00501	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00851	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.0002
2028 Dec	51.2	0.113	0.00501	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00852	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.000201
2029 Jan	51.2	0.113	0.00501	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00852	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.000201
2029 Feb	51.2	0.113	0.00501	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00852	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.000201
2029 Mar	51.2	0.113	0.00502	0.001	13	0.0451	5.16	0.001	0.001	0.00000502	0.00853	0.00111	0.0117	0.0173	0.00000502	15.9	0.000015	0.000201
2029 Apr	51.4	0.113	0.00503	0.00101	13.1	0.0453	5.17	0.00101	0.00101	0.00000503	0.00855	0.00112	0.0117	0.0173	0.00000503	16	0.0000151	0.000201
2029 May	52.5	0.115	0.00517	0.00103	13.4	0.0461	5.28	0.00103	0.00103	0.00000513	0.00872	0.00114	0.012	0.0177	0.00000513	16.4	0.0000154	0.000206
2029 Jun	48.8	0.0669	0.00745	0.00103	10.9	0.0332	4.07	0.00103	0.00103	0.00000513	0.00812	0.00109	0.011	0.017	0.00000513	15.1	0.0000192	0.000226
2029 Jul	34.5	0.00906	0.00583	0.00101	6.89	0.0317	2.64	0.00101	0.00101	0.00000503	0.00589	0.00101	0.00861	0.0129	0.00000503	10.5	0.000012	0.000141
2029 Aug	43.6	0.0396	0.00599	0.00103	10.7	0.044	3.88	0.00103	0.00103	0.00000515	0.00567	0.00111	0.0124	0.0152	0.00000515	13.9	0.00000523	0.000183
2029 Sep	50.1	0.0942	0.00542	0.00102	12.7	0.0456	4.88	0.00102	0.00102	0.0000051	0.0078	0.00112	0.0123	0.0169	0.0000051	15.7	0.0000122	0.000203
2029 Oct	50.7	0.111	0.00498	0.000994	12.9	0.0447	5.09	0.000994	0.000994	0.00000497	0.0084	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000147	0.000199
2029 Nov	50	0.11	0.0049	0.00098	12.7	0.0441	5.03	0.00098	0.00098	0.0000049	0.00832	0.00109	0.0114	0.0168	0.0000049	15.6	0.0000147	0.000196
2029 Dec	50.1	0.11	0.00491	0.000981	12.7	0.0441	5.04	0.000981	0.000981	0.0000049	0.00833	0.00109	0.0114	0.0169	0.0000049	15.6	0.0000147	0.000196
2030 Jan	50.1	0.11	0.00491	0.000981	12.7	0.0441	5.04	0.000981	0.000981	0.0000049	0.00833	0.00109	0.0114	0.0169	0.0000049	15.6	0.0000147	0.000196
2030 Feb	50.1	0.11	0.00491	0.000981	12.7	0.0441	5.04	0.000981	0.000981	0.00000491	0.00833	0.00109	0.0114	0.0169	0.00000491	15.6	0.0000147	0.000196
2030 Mar	50.2	0.11	0.00492	0.000983	12.8	0.0442	5.05	0.000983	0.000983	0.00000491	0.00834	0.00109	0.0115	0.0169	0.00000491	15.6	0.0000147	0.000197
2030 Apr	50.4	0.111	0.00494	0.000987	12.8	0.0444	5.07	0.000987	0.000987	0.00000494	0.00838	0.0011	0.0115	0.017	0.00000494	15.7	0.0000148	0.000197
2030 May	52.6	0.116	0.00516	0.00103	13.4	0.0464	5.29	0.00103	0.00103	0.00000515	0.00875	0.00114	0.012	0.0177	0.00000515	16.4	0.0000154	0.000206
2030 Jun	40.7	0.0434	0.00634	0.000999	8.18	0.0281	3.02	0.000999	0.000999	0.000005	0.00778	0.000944	0.0105	0.0131	0.000005	11.7	0.00002	0.0002
2030 Jul	35.6	0.0138	0.0058	0.00102	7.3	0.0333	2.82	0.00102	0.00102	0.0000051	0.006	0.00104	0.00879	0.0133	0.0000051	10.9	0.0000117	0.000142
2030 Aug	41.5	0.0281	0.00589	0.00107	9.9	0.0442	3.72	0.00107	0.00107	0.00000536	0.0056	0.00116	0.011	0.0154	0.00000536	13.3	0.00000542	0.000157
2030 Sep	49.3	0.0668	0.00608	0.0011	12.2	0.0477	4.6	0.0011	0.0011	0.00000551	0.00707	0.0012	0.0129	0.0171	0.00000551	15.6	0.00000901	0.0002
2030 Oct	50	0.106	0.00502	0.000993	12.7	0.0445	5	0.000993	0.000993	0.00000496	0.00822	0.0011	0.0116	0.0169	0.00000496	15.6	0.0000142	0.000197
2030 Nov	50	0.109	0.00494	0.000984	12.7	0.0442	5.02	0.000984	0.000984	0.00000492	0.00829	0.00109	0.0115	0.0169	0.00000492	15.6	0.0000145	0.000196
2030 Dec	50.1	0.109	0.00495	0.000985	12.7	0.0443	5.03	0.000985	0.000985	0.00000493	0.0083	0.00109	0.0115	0.0169	0.00000493	15.6	0.0000145	0.000196
2031 Jan	50.1	0.109	0.00495	0.000985	12.7	0.0443	5.03	0.000985	0.000985	0.00000493	0.0083	0.00109	0.0115	0.0169	0.00000493	15.6	0.0000145	0.000196
2031 Feb	50.1	0.109	0.00495	0.000985	12.7	0.0443	5.03	0.000985	0.000985	0.00000493	0.0083	0.00109	0.0115	0.0169	0.00000493	15.6	0.0000145	0.000196
2031 Mar	50.1	0.109	0.00495	0.000986	12.8	0.0443	5.03	0.000986	0.000986	0.00000493	0.00831	0.00109	0.0115	0.0169	0.00000493	15.6	0.0000145	0.000197
2031 Apr	50.9	0.111	0.00502	0.001	12.9	0.0449	5.1	0.001	0.001	0.000005	0.00842	0.00111	0.0117	0.0171	0.000005	15.8	0.0000147	0.000199
2031 May	59.8	0.107	0.00845	0.00103	14.9	0.0419	5.67	0.00103	0.00103	0.00000517	0.00839	0.00128	0.0115	0.0223	0.00000517	19.7	0.0000164	0.000252
2031 Jun	71.5	0.0612	0.0162	0.00105	16.2	0.025	5.66	0.00105	0.00105	0.00000524	0.00751	0.00151	0.00985	0.0305	0.00000524	25.1	0.0000216	0.000355
2031 Jul	56.6	0.0337	0.0113	0.00119	12.3	0.0348	4.47	0.00119	0.00119	0.00000594	0.00744	0.00141	0.0104	0.023	0.00000594	18.8	0.0000173	0.000254
2031 Aug	43.1	0.0365	0.00607	0.00103	10.5	0.0434	3.83	0.00103	0.00103	0.00000517	0.00564	0.00112	0.0119	0.0154	0.00000517	13.8	0.00000553	0.000177
2031 Sep	49.1	0.0955	0.00521	0.000992	12.5	0.0444	4.81	0.000992	0.000992	0.00000496	0.00774	0.00109	0.0119	0.0165	0.00000496	15.4	0.0000124	0.000198
2031 Oct	50.9	0.112	0.00498	0.000996	12.9	0.0448	5.12	0.000996	0.000996	0.00000498	0.00846	0.00111	0.0116	0.0171	0.00000498	15.8	0.0000149	0.000199
2031 Nov	51.3	0.113	0.00502	0.001	13.1	0.0452	5.16	0.001	0.001	0.00000502	0.00854	0.00111	0.0117	0.0173	0.00000502	16	0.0000151	0.000201
2031 Dec	51.3	0.113	0.00503	0.00101	13.1	0.0452	5.17	0.00101	0.00101	0.00000503	0.00854	0.00112	0.0117	0.0173	0.00000503	16	0.0000151	0.000201
2032 Jan	51.4	0.113	0.00503	0.00101	13.1	0.0452	5.17	0.00101	0.00101	0.00000503	0.00854	0.00112	0.0117	0.0173	0.00000503	16	0.0000151	0.000201
2032 Feb	51.4	0.113	0.00503	0.00101	13.1	0.0452	5.17	0.00101	0.00101	0.00000503	0.00855	0.00112	0.0117	0.0173	0.00000503	16	0.0000151	0.000201
2032 Mar	51.4	0.113	0.00503	0.00101	13.1	0.0453	5.17	0.00101	0.00101	0.00000503	0.00855	0.00112	0.0117	0.0173	0.00000503	16	0.0000151	0.000201
2032 Apr	51.9	0.114	0.00508	0.00102	13.2	0.0457	5.22	0.00102	0.00102	0.00000508	0.00863	0.00113	0.0118	0.0175	0.00000508	16.1	0.0000152	0.000203
2032 May	55.6	0.117	0.00597	0.00106	14.1	0.0467	5.52	0.00106	0.00106	0.00000529	0.00893	0.0012	0.0122	0.0192	0.00000529	17.5	0.0000161	0.000221
2032 Jun	42.9	0.027	0.00849	0.000981	8.24	0.0221	2.89	0.000981	0.000981	0.0000049	0.00732	0.000985	0.0098	0.0151	0.0000049	13	0.0000212	0.000225
2032 Jul	35.5	0.00944	0.00622	0.00102	6.79	0.0296	2.54	0.00102	0.00102	0.00000512	0.00636	0.001	0.00909	0.0128	0.00000512	10.5	0.0000146	0.000157
2032 Aug	43.9	0.0393	0.00611	0.00104	10.7	0.0436	3.86	0.00104	0.00104	0.0000052	0.00582	0.00111	0.0125	0.0153	0.0000052	14	0.000006	0.000187
2032 Sep	49.8	0.0822	0.00575	0.00104	12.6	0.0462	4.73	0.00104	0.00104	0.00000521	0.00737	0.00114	0.0129	0.0168	0.00000521	15.7	0.0000104	0.000207
2032 Oct	51.5	0.102	0.00541	0.00104	13.1	0.0463	5.06	0.00104	0.00104	0.00000518	0.00817	0.00114	0.0124	0.0173	0.00000518	16.1	0.0000133	0.000207
2032 Nov	51.5	0.104	0.00534	0.00103	13.1	0.0462	5.09	0.00103	0.00103	0.00000516	0.00826	0.00114	0.0123	0.0174	0.00000516	16.1	0.0000137	0.000206
2032 Dec	51	0.105	0.00521	0.00101	12.9	0.0455	5.06	0.00101	0.00101	0.00000507	0.00824	0.00112	0.012	0.0172	0.00000507	15.9	0.0000139	0.000202
2033 Jan	51	0.105	0.00521	0.00101	12.9	0.0455	5.06	0.00101	0.00101	0.00000507	0.00825	0.00112	0.012	0.0172	0.00000507	15.9	0.0000139	0.000203
2033 Feb	51	0.105	0.00521	0.00102	12.9	0.0455	5.06	0.00102	0.00102	0.00000508	0.00825	0.00112	0.012	0.0172	0.00000508	15.9	0.0000139	0.000203
2033 Mar	51.1	0.106	0.00523	0.00102	13	0.0456	5.07	0.00102	0.00102	0.00000509	0.00827	0.00112	0.0121	0.0172	0.00000509	16	0.0000139	0.000203
2033 Apr	51.9	0.107	0.0053	0.00103	13.2	0.0463	5.14	0.00103	0.00103	0.00000516	0.00839	0.00114	0.0122	0.0175	0.00000516	16.2	0.0000141	0.000206
2033 May	69	0.0922	0.0129	0.00103	16.8	0.0356	6.13	0.00103	0.00103	0.00000517	0.00777	0.00146	0.0108	0.0282	0.00000517	23.9	0.0000174	0.000314
2033 Jun	71.4	0.0577	0.017	0.000944	16.5	0.0212	5.68	0.000944	0.000944	0.00000472	0.00658	0.00149	0.00858	0.0316	0.00000472	25.7	0.0000196	0.000356
2033 Jul	63.7	0.0446	0.0142	0.00105	14.4	0.0282	5.11	0.00105	0.00105	0.00000523	0.00669	0.00145	0.00913	0.0276	0.00000523	22.4	0.0000172	0.0003
2033 Aug	49.7	0.034	0.00844	0.00112	11.7	0.0423	4.3	0.00112	0.00112	0.00000562	0.00619	0.00131	0.0111	0.0196	0.00000562	16.5	0.00000885	0.000204
2033 Sep	49.8	0.101	0.00518	0.000994	12.6	0.0444	4.92	0.000994	0.000994	0.00000497	0.00798	0.0011	0.0118	0.0168	0.00000497	15.6	0.0000133	0.000198
2033 Oct	48.3	0.106	0.00473	0.000945	12.3	0.0425	4.86	0.000945	0.000945	0.00000473	0.00803	0.00105	0.011	0.0163	0.00000473	15	0.0000142	0.000189

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Nov	48.6	0.107	0.00476	0.000952	12.4	0.0429	4.89	0.000952	0.000952	0.00000476	0.00809	0.00106	0.0111	0.0164	0.00000476	15.1	0.0000143	0.00019
2033 Dec	48.7	0.107	0.00477	0.000953	12.4	0.0429	4.9	0.000953	0.000953	0.00000477	0.0081	0.00106	0.0111	0.0164	0.00000477	15.2	0.0000143	0.000191
2034 Jan	48.7	0.107	0.00477	0.000953	12.4	0.0429	4.9	0.000953	0.000953	0.00000477	0.0081	0.00106	0.0111	0.0164	0.00000477	15.2	0.0000143	0.000191
2034 Feb	48.7	0.107	0.00477	0.000953	12.4	0.0429	4.9	0.000953	0.000953	0.00000477	0.0081	0.00106	0.0111	0.0164	0.00000477	15.2	0.0000143	0.000191
2034 Mar	48.7	0.107	0.00477	0.000954	12.4	0.0429	4.9	0.000954	0.000954	0.00000477	0.0081	0.00106	0.0111	0.0164	0.00000477	15.2	0.0000143	0.000191
2034 Apr	49.1	0.108	0.00481	0.000962	12.5	0.0433	4.94	0.000962	0.000962	0.00000481	0.00817	0.00107	0.0112	0.0165	0.00000481	15.3	0.0000144	0.000192
2034 May	54.8	0.107	0.00684	0.000992	13.8	0.042	5.32	0.000992	0.000992	0.00000496	0.00823	0.00118	0.0112	0.0197	0.00000496	17.6	0.0000155	0.000225
2034 Jun	65	0.071	0.0134	0.000978	15.2	0.0279	5.42	0.000978	0.000978	0.00000489	0.00727	0.00137	0.00961	0.0271	0.00000489	22.6	0.0000189	0.000311
2034 Jul	44.1	0.0234	0.00766	0.00109	9.75	0.0379	3.73	0.00109	0.00109	0.00000547	0.00617	0.00124	0.00911	0.0178	0.00000547	14.4	0.0000109	0.00017
2034 Aug	48.5	0.0338	0.00743	0.00119	11.3	0.0467	4.23	0.00119	0.00119	0.00000597	0.00655	0.00132	0.012	0.0183	0.00000597	15.7	0.00000841	0.000192
2034 Sep	50.2	0.101	0.00524	0.00101	12.7	0.0449	4.96	0.00101	0.00101	0.00000505	0.0081	0.00112	0.0118	0.017	0.00000505	15.7	0.0000137	0.000199
2034 Oct	50.9	0.112	0.00498	0.000996	12.9	0.0448	5.12	0.000996	0.000996	0.00000498	0.00847	0.00111	0.0116	0.0171	0.00000498	15.8	0.0000149	0.000199
2034 Nov	51.8	0.114	0.00507	0.00101	13.2	0.0456	5.21	0.00101	0.00101	0.00000507	0.00862	0.00113	0.0118	0.0174	0.00000507	16.1	0.0000152	0.000203
2034 Dec	51.9	0.114	0.00508	0.00102	13.2	0.0457	5.22	0.00102	0.00102	0.00000508	0.00863	0.00113	0.0118	0.0175	0.00000508	16.1	0.0000152	0.000203
2035 Jan	51.9	0.114	0.00508	0.00102	13.2	0.0457	5.22	0.00102	0.00102	0.00000508	0.00863	0.00113	0.0118	0.0175	0.00000508	16.1	0.0000152	0.000203
2035 Feb	51.9	0.114	0.00508	0.00102	13.2	0.0457	5.22	0.00102	0.00102	0.00000508	0.00863	0.00113	0.0118	0.0175	0.00000508	16.2	0.0000152	0.000203
2035 Mar	51.9	0.114	0.00508	0.00102	13.2	0.0457	5.23	0.00102	0.00102	0.00000508	0.00864	0.00113	0.0118	0.0175	0.00000508	16.2	0.0000152	0.000203
2035 Apr	52.7	0.116	0.00516	0.00103	13.4	0.0465	5.31	0.00103	0.00103	0.00000516	0.00877	0.00115	0.012	0.0178	0.00000516	16.4	0.0000155	0.000206
2035 May	61.1	0.117	0.00788	0.00109	15.3	0.0458	5.9	0.00109	0.00109	0.00000546	0.00904	0.00131	0.0123	0.0222	0.00000546	19.8	0.0000172	0.000253
2035 Jun	53.5	0.0343	0.012	0.000971	11.2	0.0206	3.84	0.000971	0.000971	0.00000486	0.00703	0.00117	0.00927	0.0214	0.00000486	17.7	0.0000211	0.000278
2035 Jul	38.1	0.0106	0.00647	0.00109	7.76	0.0352	2.98	0.00109	0.00109	0.00000545	0.00625	0.00112	0.0092	0.0145	0.00000545	11.7	0.0000122	0.000152
2035 Aug	44.3	0.0427	0.00605	0.00102	10.9	0.0438	3.92	0.00102	0.00102	0.00000509	0.00572	0.00109	0.0128	0.0152	0.00000509	14.1	0.00000534	0.000191
2035 Sep	50.1	0.104	0.00512	0.000996	12.7	0.0447	4.97	0.000996	0.000996	0.00000498	0.0081	0.0011	0.0118	0.0169	0.00000498	15.6	0.0000136	0.000199
2035 Oct	50.4	0.111	0.00494	0.000987	12.8	0.0444	5.08	0.000987	0.000987	0.00000494	0.00839	0.0011	0.0115	0.017	0.00000494	15.7	0.0000148	0.000197
2035 Nov	49.5	0.109	0.00485	0.000969	12.6	0.0436	4.98	0.000969	0.000969	0.00000485	0.00824	0.00108	0.0113	0.0167	0.00000485	15.4	0.0000145	0.000194
2035 Dec	49.6	0.109	0.00485	0.000971	12.6	0.0437	4.99	0.000971	0.000971	0.00000485	0.00825	0.00108	0.0113	0.0167	0.00000485	15.4	0.0000146	0.000194
2036 Jan	49.6	0.109	0.00485	0.000971	12.6	0.0437	4.99	0.000971	0.000971	0.00000485	0.00825	0.00108	0.0113	0.0167	0.00000485	15.4	0.0000146	0.000194
2036 Feb	49.6	0.109	0.00485	0.000971	12.6	0.0437	4.99	0.000971	0.000971	0.00000485	0.00825	0.00108	0.0113	0.0167	0.00000485	15.4	0.0000146	0.000194
2036 Mar	49.6	0.109	0.00485	0.000971	12.6	0.0437	4.99	0.000971	0.000971	0.00000485	0.00825	0.00108	0.0113	0.0167	0.00000485	15.4	0.0000146	0.000194
2036 Apr	51.5	0.111	0.00539	0.000983	13.1	0.0439	5.16	0.000983	0.000983	0.00000492	0.00832	0.00112	0.0114	0.0177	0.00000492	16.2	0.0000148	0.000204
2036 May	58.3	0.117	0.00717	0.00104	14.8	0.045	5.74	0.00104	0.00104	0.00000518	0.00865	0.00125	0.0118	0.021	0.00000518	18.9	0.0000159	0.000237
2036 Jun	45.9	0.0374	0.00873	0.000996	9.26	0.0246	3.3	0.000996	0.000996	0.00000498	0.00751	0.00104	0.0101	0.0164	0.00000498	14.1	0.0000208	0.000233
2036 Jul	35.6	0.00897	0.00561	0.00106	7.65	0.0382	3.03	0.00106	0.00106	0.00000528	0.00548	0.00113	0.0084	0.0142	0.00000528	11.3	0.00000802	0.000122
2036 Aug	42.6	0.0254	0.00614	0.00113	10	0.0458	3.8	0.00113	0.00113	0.00000566	0.00587	0.00123	0.011	0.0161	0.00000566	13.7	0.00000607	0.000157
2036 Sep	49.1	0.0934	0.00526	0.000998	12.4	0.0445	4.79	0.000998	0.000998	0.00000499	0.00768	0.0011	0.012	0.0165	0.00000499	15.4	0.0000122	0.000198
2036 Oct	51.4	0.113	0.00503	0.00101	13.1	0.0453	5.17	0.00101	0.00101	0.00000503	0.00856	0.00112	0.0117	0.0173	0.00000503	16	0.0000151	0.000201
2036 Nov	50.8	0.112	0.00497	0.000994	12.9	0.0447	5.11	0.000994	0.000994	0.00000497	0.00845	0.0011	0.0116	0.0171	0.00000497	15.8	0.0000149	0.000199
2036 Dec	50.5	0.111	0.00494	0.000988	12.8	0.0445	5.08	0.000988	0.000988	0.00000494	0.0084	0.0011	0.0115	0.017	0.00000494	15.7	0.0000148	0.000198
2037 Jan	50.5	0.111	0.00494	0.000988	12.8	0.0445	5.08	0.000988	0.000988	0.00000494	0.0084	0.0011	0.0115	0.017	0.00000494	15.7	0.0000148	0.000198
2037 Feb	50.5	0.111	0.00494	0.000989	12.9	0.0445	5.08	0.000989	0.000989	0.00000494	0.0084	0.0011	0.0115	0.017	0.00000494	15.7	0.0000148	0.000198
2037 Mar	50.7	0.112	0.00496	0.000992	12.9	0.0446	5.1	0.000992	0.000992	0.00000496	0.00843	0.0011	0.0116	0.0171	0.00000496	15.8	0.0000149	0.000198
2037 Apr	51.1	0.112	0.005	0.001	13	0.045	5.14	0.001	0.001	0.000005	0.0085	0.00111	0.0116	0.0172	0.000005	15.9	0.000015	0.0002
2037 May	70.6	0.0916	0.0138	0.00101	17.1	0.0329	6.21	0.00101	0.00101	0.00000503	0.00765	0.00147	0.0101	0.0295	0.00000503	24.8	0.0000182	0.000325
2037 Jun	71	0.0561	0.0169	0.00096	16.2	0.0211	5.6	0.00096	0.00096	0.0000048	0.00672	0.00148	0.00871	0.0313	0.0000048	25.5	0.0000202	0.000356
2037 Jul	45.4	0.0206	0.00856	0.00107	9.94	0.035	3.73	0.00107	0.00107	0.00000534	0.00602	0.00124	0.0088	0.0187	0.00000534	15	0.0000116	0.000184
2037 Aug	44.1	0.033	0.00646	0.00108	10.6	0.0442	3.9	0.00108	0.00108	0.00000541	0.00584	0.00118	0.0116	0.0162	0.00000541	14.2	0.00000628	0.000176
2037 Sep	49.8	0.0824	0.00576	0.00105	12.5	0.0462	4.75	0.00105	0.00105	0.00000525	0.00745	0.00115	0.0126	0.017	0.00000525	15.7	0.0000108	0.000204
2037 Oct	50.5	0.111	0.00495	0.000989	12.9	0.0445	5.08	0.000989	0.000989	0.00000495	0.0084	0.0011	0.0115	0.017	0.00000495	15.7	0.0000148	0.000198
2037 Nov	51	0.112	0.005	0.000999	13	0.0449	5.13	0.000999	0.000999	0.00000499	0.00849	0.00111	0.0116	0.0172	0.00000499	15.9	0.000015	0.0002
2037 Dec	51.1	0.112	0.005	0.001	13	0.045	5.14	0.001	0.001	0.000005	0.0085	0.00111	0.0117	0.0172	0.000005	15.9	0.000015	0.0002
2038 Jan	51.1	0.113	0.005	0.001	13	0.045	5.14	0.001	0.001	0.000005	0.0085	0.00111	0.0117	0.0172	0.000005	15.9	0.000015	0.0002
2038 Feb	51.1	0.113	0.00501	0.001	13	0.045	5.14	0.001	0.001	0.000005	0.0085	0.00111	0.0117	0.0172	0.000005	15.9	0.000015	0.0002
2038 Mar	51.2	0.113	0.00501	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00851	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.0002
2038 Apr	51.6	0.114	0.00505	0.00101	13.1	0.0455	5.19	0.00101	0.00101	0.00000505	0.00859	0.00112	0.0118	0.0174	0.00000505	16.1	0.0000151	0.000202
2038 May	62	0.108	0.00918	0.00105	15.4	0.0415	5.84	0.00105	0.00105	0.00000523	0.00848	0.00132	0.0115	0.0235	0.00000523	20.6	0.0000171	0.000265
2038 Jun	70.8	0.0547	0.0168	0.000988	16	0.0216	5.53	0.000988	0.000988	0.00000494	0.00694	0.00149	0.00901	0.0309	0.00000494	25.2	0.0000209	0.000356
2038 Jul	55.3	0.0286	0.0118	0.00119	11.5	0.0304	4.13	0.00118	0.00118	0.00000589	0.00775	0.00134	0.0108	0.0216	0.00000589	17.8	0.0000203	0.000265
2038 Aug	46.7	0.0428	0.00685	0.00106	11.4	0.0437	4.07	0.00106	0.00106	0.00000531	0.00606	0.00115	0.0129	0.0163	0.00000531	14.9	0.00000692	0.000204
2038 Sep	50	0.0958	0.00537	0.00101	12.7	0.0452	4.89	0.00101	0.00101	0.00000506	0.00784	0.00111	0.0122	0.0169	0.00000506	15.7	0.0000125	0.000202
2038 Oct	51.2	0.113	0.00502	0.001	13	0.0451	5.15	0.001	0.001	0.00000501	0.00852	0.00111	0.0117	0.0172	0.00000501	15.9	0.000015	0.000201
2038 Nov	51.5	0.113	0.00505	0.00101	13.1	0.0454	5.18	0.00101	0.00101	0.00000505	0.00857	0.00112	0.0118	0.0174	0.00000505	16	0.0000151	0.000202
2038 Dec	51.6	0.114	0.00505	0.00101	13.1	0.0454	5.19	0.00101	0.00101	0.00000505	0.00858	0.00112	0.0118	0.0174	0.00000505	16.1	0.0000151	0.000202
2039 Jan	51.6	0.114	0.00505	0.00101	13.1	0.0455	5.19	0.00101	0.00101	0.00000505	0.00858	0.00112	0.0118	0.0174	0.00000505	16.1	0.0000151	0.000202
2039 Feb	51.6	0.114	0.00505	0.00101	13.1	0.0455	5.19	0.00101	0.00101	0.00000505	0.00858	0.00112	0.0118	0.0174	0.00000505	16.1	0.0000151	0.000202
2039 Mar	51.7	0.114	0.00507	0.00101	13.2	0.0456	5.21	0.00101	0.00101	0.00000507	0.00861	0.00112	0.0118	0.0174	0.00000507	16.1	0.0000152	0.000203
2039 Apr	52.3	0.115	0.00512	0.00102	13.3	0.0461	5.26	0.00102	0.00102	0.00000512	0.0087	0.00114	0.0119	0.0176	0.00000512	16.3	0.0000153	0.000205
2039 May	56.2	0.121	0.00583	0.00108	14.3	0.0482	5.62	0.00108	0.00108	0.00000542	0.00916	0.00122	0.0125	0.0192	0.00000542	17.6	0.0000164	0.000223

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Jun	79.7	0.0576	0.0529	0.00241	27	0.0309	12.1	0.000969	0.000969	0.00000493	0.00663	0.000913	0.0184	0.0123	0.00000505	12.3	0.0000185	0.000252
2039 Jul	129	0.0854	0.118	0.00419	51	0.0391	23.7	0.000942	0.000942	0.0000049	0.00515	0.000906	0.0283	0.0113	0.00000516	13.2	0.0000144	0.000303
2039 Aug	125	0.0833	0.118	0.00407	49.4	0.0411	23	0.000969	0.000969	0.00000503	0.00514	0.000958	0.0276	0.0121	0.00000528	13.6	0.0000133	0.000294
2039 Sep	126	0.0852	0.118	0.00407	49.4	0.042	22.9	0.000989	0.000989	0.00000512	0.0053	0.00098	0.0277	0.0124	0.00000537	13.9	0.0000135	0.000297
2039 Oct	124	0.0857	0.115	0.00399	48.4	0.042	22.4	0.000987	0.000987	0.00000511	0.00538	0.000982	0.0272	0.0125	0.00000535	13.9	0.0000135	0.000294
2039 Nov	124	0.086	0.115	0.004	48.5	0.0421	22.5	0.000989	0.000989	0.00000512	0.00539	0.000984	0.0273	0.0126	0.00000536	14	0.0000136	0.000295
2039 Dec	124	0.086	0.115	0.004	48.5	0.0421	22.5	0.00099	0.00099	0.00000513	0.00539	0.000984	0.0273	0.0126	0.00000537	14	0.0000136	0.000295
2040 Jan	124	0.086	0.115	0.004	48.5	0.0421	22.5	0.00099	0.00099	0.00000513	0.00539	0.000984	0.0273	0.0126	0.00000537	14	0.0000136	0.000295
2040 Feb	124	0.086	0.115	0.004	48.5	0.0421	22.5	0.00099	0.00099	0.00000513	0.00539	0.000985	0.0273	0.0126	0.00000537	14	0.0000136	0.000295
2040 Mar	124	0.0861	0.115	0.004	48.5	0.0422	22.5	0.000991	0.000991	0.00000513	0.0054	0.000985	0.0273	0.0126	0.00000537	14	0.0000136	0.000295
2040 Apr	124	0.0863	0.115	0.00401	48.6	0.0423	22.6	0.000993	0.000993	0.00000514	0.00541	0.000988	0.0274	0.0126	0.00000538	14	0.0000136	0.000296
2040 May	125	0.0869	0.114	0.00398	48.5	0.0422	22.5	0.00101	0.00101	0.0000052	0.00551	0.00102	0.0273	0.0135	0.00000544	14.7	0.000014	0.000304
2040 Jun	117	0.0837	0.122	0.0035	43.5	0.0369	19.8	0.000967	0.000967	0.00000499	0.00556	0.00109	0.0242	0.017	0.00000519	16.9	0.0000153	0.000321
2040 Jul	120	0.0861	0.135	0.00363	44.7	0.0379	20.4	0.000991	0.00099	0.00000511	0.0057	0.0011	0.0251	0.0168	0.00000532	16.9	0.0000157	0.000326
2040 Aug	121	0.0868	0.136	0.00366	45	0.0389	20.5	0.00102	0.00102	0.00000524	0.00584	0.00113	0.0254	0.0172	0.00000544	17.2	0.0000159	0.00033
2040 Sep	120	0.0869	0.133	0.00362	44.5	0.0393	20.3	0.00102	0.00102	0.00000527	0.0059	0.00114	0.0252	0.0173	0.00000547	17.3	0.0000158	0.000329
2040 Oct	119	0.0877	0.132	0.00359	44.1	0.0396	20.1	0.00103	0.00103	0.00000529	0.00597	0.00114	0.0251	0.0173	0.00000549	17.3	0.0000158	0.000328
2040 Nov	120	0.0879	0.132	0.0036	44.2	0.0397	20.1	0.00103	0.00103	0.0000053	0.00598	0.00114	0.0251	0.0174	0.0000055	17.4	0.0000159	0.000329
2040 Dec	120	0.088	0.132	0.0036	44.2	0.0397	20.1	0.00103	0.00103	0.0000053	0.00599	0.00114	0.0251	0.0174	0.0000055	17.4	0.0000159	0.000329
2041 Jan	120	0.088	0.132	0.0036	44.2	0.0397	20.1	0.00103	0.00103	0.0000053	0.00599	0.00114	0.0251	0.0174	0.0000055	17.4	0.0000159	0.000329
2041 Feb	120	0.088	0.132	0.0036	44.2	0.0397	20.1	0.00103	0.00103	0.0000053	0.00599	0.00114	0.0251	0.0174	0.0000055	17.4	0.0000159	0.000329
2041 Mar	120	0.088	0.132	0.0036	44.2	0.0397	20.1	0.00103	0.00103	0.0000053	0.00599	0.00114	0.0252	0.0174	0.00000551	17.4	0.0000159	0.000329
2041 Apr	120	0.0882	0.132	0.00361	44.3	0.0398	20.2	0.00103	0.00103	0.00000531	0.006	0.00115	0.0252	0.0174	0.00000552	17.4	0.0000159	0.00033
2041 May	121	0.0887	0.133	0.00362	44.5	0.04	20.3	0.00104	0.00104	0.00000535	0.00605	0.00116	0.0253	0.0177	0.00000555	17.6	0.0000161	0.000333
2041 Jun	107	0.0782	0.141	0.00326	38.6	0.0363	17.5	0.001	0.001	0.00000516	0.00607	0.00108	0.0231	0.0161	0.00000533	15.9	0.0000167	0.000307
2041 Jul	102	0.078	0.196	0.00324	36.6	0.0351	16.8	0.000971	0.000971	0.00000499	0.00587	0.00103	0.0226	0.0149	0.00000516	14.8	0.0000162	0.00029
2041 Aug	104	0.0798	0.199	0.00332	37.4	0.0365	17.1	0.00101	0.00101	0.00000517	0.00607	0.00107	0.0232	0.0154	0.00000535	15.3	0.0000165	0.000298
2041 Sep	104	0.0806	0.197	0.0033	37.2	0.0371	17	0.00102	0.00102	0.00000523	0.00615	0.00108	0.0232	0.0156	0.0000054	15.5	0.0000165	0.000299
2041 Oct	103	0.0812	0.193	0.00325	36.7	0.0372	16.7	0.00102	0.00102	0.00000522	0.0062	0.00108	0.0229	0.0156	0.00000538	15.5	0.0000165	0.000296
2041 Nov	103	0.0816	0.193	0.00325	36.7	0.0374	16.7	0.00102	0.00102	0.00000523	0.00622	0.00108	0.023	0.0157	0.0000054	15.5	0.0000165	0.000297
2041 Dec	103	0.0816	0.193	0.00325	36.7	0.0374	16.7	0.00102	0.00102	0.00000523	0.00623	0.00108	0.023	0.0157	0.0000054	15.5	0.0000166	0.000297
2042 Jan	103	0.0816	0.193	0.00325	36.7	0.0374	16.7	0.00102	0.00102	0.00000523	0.00623	0.00108	0.023	0.0157	0.0000054	15.5	0.0000166	0.000297
2042 Feb	103	0.0816	0.193	0.00325	36.7	0.0374	16.7	0.00102	0.00102	0.00000523	0.00623	0.00108	0.023	0.0157	0.0000054	15.5	0.0000166	0.000297
2042 Mar	103	0.0816	0.193	0.00325	36.7	0.0374	16.8	0.00102	0.00102	0.00000523	0.00623	0.00108	0.023	0.0157	0.0000054	15.6	0.0000166	0.000297
2042 Apr	103	0.082	0.194	0.00327	36.9	0.0376	16.8	0.00103	0.00102	0.00000526	0.00626	0.00109	0.0231	0.0158	0.00000543	15.6	0.0000166	0.000298
2042 May	105	0.0831	0.196	0.0033	37.4	0.038	17	0.00104	0.00104	0.00000533	0.00635	0.00111	0.0234	0.0161	0.00000551	15.9	0.0000169	0.000304
2042 Jun	95.4	0.0747	0.19	0.00301	33.1	0.0351	15	0.00102	0.00101	0.00000519	0.00635	0.00106	0.0215	0.0154	0.00000534	15.1	0.0000173	0.000288
2042 Jul	90.5	0.071	0.202	0.0029	31	0.0343	14.1	0.00101	0.00101	0.00000514	0.00629	0.00105	0.0207	0.015	0.00000528	14.5	0.0000171	0.000277
2042 Aug	88.4	0.0723	0.221	0.00287	30.2	0.0352	13.7	0.000995	0.000994	0.00000508	0.0061	0.00104	0.0205	0.0149	0.00000521	14.4	0.0000159	0.000269
2042 Sep	87.8	0.0755	0.24	0.00287	30	0.0359	13.6	0.00099	0.000989	0.00000506	0.00606	0.00105	0.0206	0.015	0.00000519	14.5	0.0000153	0.000267
2042 Oct	87.5	0.0789	0.256	0.00288	29.9	0.0361	13.6	0.000984	0.000983	0.00000503	0.00607	0.00104	0.0206	0.015	0.00000516	14.5	0.0000152	0.000266
2042 Nov	87.8	0.0792	0.257	0.00289	30	0.0362	13.6	0.000987	0.000986	0.00000504	0.00609	0.00105	0.0206	0.015	0.00000517	14.6	0.0000153	0.000266
2042 Dec	87.8	0.0792	0.258	0.00289	30	0.0362	13.6	0.000987	0.000986	0.00000504	0.00609	0.00105	0.0206	0.015	0.00000518	14.6	0.0000153	0.000266
2043 Jan	87.8	0.0792	0.258	0.00289	30	0.0362	13.6	0.000987	0.000986	0.00000504	0.00609	0.00105	0.0206	0.015	0.00000518	14.6	0.0000153	0.000266
2043 Feb	87.8	0.0792	0.258	0.00289	30	0.0363	13.6	0.000987	0.000986	0.00000504	0.00609	0.00105	0.0206	0.015	0.00000518	14.6	0.0000153	0.000266
2043 Mar	87.8	0.0792	0.258	0.00289	30	0.0363	13.6	0.000987	0.000986	0.00000504	0.0061	0.00105	0.0206	0.015	0.00000518	14.6	0.0000153	0.000267
2043 Apr	88.1	0.0795	0.259	0.0029	30.1	0.0364	13.7	0.000991	0.00099	0.00000506	0.00612	0.00105	0.0207	0.0151	0.0000052	14.7	0.0000153	0.000268
2043 May	89.6	0.0807	0.26	0.00292	30.5	0.0367	13.8	0.00101	0.00101	0.00000514	0.00622	0.00108	0.0209	0.0157	0.00000527	15.2	0.0000157	0.000274
2043 Jun	87.3	0.0801	0.29	0.00279	28.7	0.0334	12.7	0.000983	0.000982	0.00000502	0.00612	0.00112	0.0194	0.0178	0.00000513	16.5	0.0000164	0.000285
2043 Jul	89.3	0.0821	0.309	0.00289	29.3	0.0346	13	0.00102	0.00102	0.00000521	0.00636	0.00115	0.0201	0.0181	0.00000534	16.7	0.000017	0.000291
2043 Aug	91.6	0.0842	0.314	0.00296	29.9	0.0361	13.3	0.00106	0.00106	0.0000054	0.00657	0.00119	0.0206	0.0187	0.00000552	17.3	0.0000174	0.000299
2043 Sep	90.9	0.0842	0.307	0.00292	29.6	0.0365	13.1	0.00106	0.00106	0.00000542	0.00661	0.0012	0.0205	0.0187	0.00000554	17.3	0.0000172	0.000298
2043 Oct	88.8	0.0851	0.293	0.00283	28.8	0.0367	12.7	0.00106	0.00106	0.00000538	0.00667	0.00119	0.0201	0.0186	0.0000055	17.2	0.0000171	0.000293
2043 Nov	87.2	0.0858	0.283	0.00276	28.2	0.0369	12.4	0.00105	0.00105	0.00000535	0.00671	0.00118	0.0197	0.0185	0.00000546	17.1	0.0000169	0.000289
2043 Dec	87.3	0.0858	0.283	0.00276	28.2	0.0369	12.4	0.00105	0.00105	0.00000535	0.00671	0.00118	0.0197	0.0185	0.00000546	17.1	0.0000169	0.000289
2044 Jan	87.3	0.0858	0.283	0.00276	28.2	0.0369	12.4	0.00105	0.00105	0.00000535	0.00671	0.00118	0.0197	0.0185	0.00000546	17.1	0.0000169	0.000289
2044 Feb	87.3	0.0858	0.283	0.00276	28.2	0.0369	12.4	0.00105	0.00105	0.00000535	0.00671	0.00118	0.0197	0.0185	0.00000547	17.1	0.0000169	0.000289
2044 Mar	87.4	0.0859	0.283	0.00276	28.2	0.0369	12.4	0.00105	0.00105	0.00000536	0.00672	0.00119	0.0197	0.0185	0.00000547	17.1	0.000017	0.000289
2044 Apr	87.5	0.086	0.283	0.00277	28.3	0.037	12.5	0.00105	0.00105	0.00000537	0.00673	0.00119	0.0198	0.0185	0.00000548	17.1	0.000017	0.00029
2044 May	88.6	0.0871	0.287	0.0028	28.6	0.0374	12.6	0.00107	0.00107	0.00000543	0.00681	0.0012	0.02	0.0188	0.00000555	17.4	0.0000172	0.000294
2044 Jun	80.3	0.0782	0.312	0.00266	25.5	0.0332	11.2	0.001	0.001	0.00000511	0.00644	0.00111	0.0186	0.017	0.00000521	15.6	0.0000171	0.000272
2044 Jul	81.7	0.0808	0.359	0.00283	26.1	0.0338	11.5	0.00102	0.00102	0.00000522	0.00652	0.00111	0.0194	0.0167	0.00000533	15.4	0.0000175	0.000273
2044 Aug	85.3	0.0842	0.372	0.00294	27.2	0.0356	12	0.00107	0.00107	0.00000547	0.00683	0.00116	0.0203	0.0175	0.00000559	16.2	0.0000182	0.000285
2044 Sep	82	0.0826	0.345	0.00279	26	0.0357	11.4	0.00106	0.00106	0.00000538	0.00675	0.00115	0.0196	0.0172	0.00000549	15.9	0.0000175	0.000277
2044 Oct	80.5	0.0832	0.331	0.00271	25.4	0.0359	11.1	0.00105	0.00105	0.00000534	0.00678	0.00114	0.0192	0.0171	0.00000544	15.8	0.0000173	0.000272
2044 Nov	80.3	0.0835	0.329	0.0027	25.3	0.036	11.1	0.00105	0.00105	0.00000534	0.0068	0.00114	0.0192	0.0171	0.00000544	15.9	0.0000173	0.000272
2044 Dec	80.3	0.0836	0.329	0.0027	25.3	0.036	11.1	0.00105	0.00105	0.00000535	0.0068	0.00114	0.0192	0.0172	0.00000545	15.9	0.0000173	0.000272

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Jan	80.3	0.0836	0.329	0.0027	25.3	0.036	11.1	0.00105	0.00105	0.00000535	0.0068	0.00114	0.0192	0.0172	0.00000545	15.9	0.0000173	0.000272
2045 Feb	80.3	0.0836	0.329	0.0027	25.3	0.036	11.1	0.00105	0.00105	0.00000535	0.0068	0.00114	0.0192	0.0172	0.00000545	15.9	0.0000173	0.000272
2045 Mar	80.4	0.0836	0.329	0.0027	25.3	0.036	11.1	0.00105	0.00105	0.00000535	0.0068	0.00114	0.0192	0.0172	0.00000545	15.9	0.0000173	0.000272
2045 Apr	80.5	0.0837	0.33	0.00271	25.3	0.0361	11.1	0.00105	0.00105	0.00000536	0.00682	0.00114	0.0192	0.0172	0.00000546	15.9	0.0000173	0.000273
2045 May	81.4	0.0847	0.334	0.00274	25.6	0.0365	11.2	0.00107	0.00106	0.00000542	0.00689	0.00115	0.0194	0.0174	0.00000552	16.1	0.0000175	0.000276
2045 Jun	75.9	0.0771	0.333	0.00263	23.6	0.0338	10.3	0.00103	0.00103	0.00000524	0.00672	0.00109	0.0185	0.0161	0.00000534	14.8	0.0000177	0.000261
2045 Jul	75.7	0.0766	0.359	0.0027	23.5	0.0336	10.3	0.00104	0.00104	0.00000529	0.00675	0.00108	0.0188	0.0158	0.00000539	14.6	0.000018	0.00026
2045 Aug	77.3	0.0781	0.363	0.00275	23.9	0.0348	10.5	0.00107	0.00107	0.00000545	0.00693	0.00112	0.0192	0.0162	0.00000554	15	0.0000183	0.000266
2045 Sep	77	0.0784	0.356	0.00271	23.7	0.0352	10.4	0.00108	0.00107	0.00000546	0.00696	0.00112	0.0191	0.0163	0.00000556	15.1	0.0000182	0.000266
2045 Oct	77.2	0.0791	0.355	0.00272	23.8	0.0355	10.4	0.00108	0.00108	0.00000549	0.00701	0.00113	0.0192	0.0164	0.00000558	15.1	0.0000183	0.000267
2045 Nov	77.3	0.0792	0.356	0.00272	23.8	0.0355	10.4	0.00108	0.00108	0.0000055	0.00702	0.00113	0.0192	0.0164	0.0000056	15.2	0.0000183	0.000267
2045 Dec	77.4	0.0793	0.356	0.00272	23.8	0.0356	10.4	0.00108	0.00108	0.0000055	0.00703	0.00113	0.0192	0.0164	0.0000056	15.2	0.0000183	0.000267
2046 Jan	77.4	0.0793	0.356	0.00272	23.8	0.0356	10.4	0.00108	0.00108	0.0000055	0.00703	0.00113	0.0192	0.0164	0.0000056	15.2	0.0000183	0.000267
2046 Feb	77.4	0.0793	0.356	0.00272	23.8	0.0356	10.4	0.00108	0.00108	0.0000055	0.00703	0.00113	0.0192	0.0164	0.0000056	15.2	0.0000183	0.000267
2046 Mar	77.4	0.0794	0.356	0.00273	23.8	0.0356	10.4	0.00108	0.00108	0.00000551	0.00703	0.00113	0.0192	0.0164	0.0000056	15.2	0.0000183	0.000268
2046 Apr	77.7	0.0797	0.358	0.00274	23.9	0.0357	10.5	0.00109	0.00109	0.00000553	0.00706	0.00114	0.0193	0.0165	0.00000562	15.3	0.0000184	0.000269
2046 May	78.7	0.0806	0.361	0.00276	24.2	0.0361	10.6	0.0011	0.0011	0.00000559	0.00714	0.00115	0.0195	0.0168	0.00000569	15.5	0.0000186	0.000272
2046 Jun	72.9	0.0736	0.359	0.00262	22.1	0.0329	9.68	0.00104	0.00104	0.0000053	0.0068	0.00108	0.0183	0.0156	0.00000539	14.3	0.0000183	0.000256
2046 Jul	71.8	0.0747	0.411	0.00273	22.2	0.0321	9.75	0.00101	0.00101	0.00000514	0.00647	0.00103	0.0184	0.0147	0.00000524	13.5	0.0000176	0.000245
2046 Aug	73.3	0.076	0.415	0.00278	22.6	0.0333	9.91	0.00104	0.00104	0.0000053	0.00664	0.00107	0.0188	0.0151	0.00000539	13.9	0.0000178	0.000251
2046 Sep	71.3	0.0753	0.39	0.00266	21.8	0.0336	9.54	0.00103	0.00103	0.00000523	0.00659	0.00106	0.0183	0.015	0.00000532	13.9	0.0000172	0.000246
2046 Oct	71	0.0782	0.391	0.00264	21.8	0.0339	9.53	0.00102	0.00102	0.00000517	0.00657	0.00105	0.0182	0.015	0.00000526	13.8	0.0000169	0.000243
2046 Nov	71.2	0.0792	0.396	0.00266	21.9	0.0341	9.6	0.00102	0.00102	0.00000518	0.00657	0.00105	0.0183	0.015	0.00000527	13.9	0.0000169	0.000243
2046 Dec	71.3	0.0792	0.396	0.00266	21.9	0.0341	9.6	0.00102	0.00102	0.00000518	0.00657	0.00105	0.0183	0.015	0.00000527	13.9	0.0000169	0.000243
2047 Jan	71.3	0.0792	0.396	0.00266	21.9	0.0341	9.6	0.00102	0.00102	0.00000518	0.00657	0.00105	0.0183	0.015	0.00000527	13.9	0.0000169	0.000243
2047 Feb	71.3	0.0792	0.396	0.00266	21.9	0.0341	9.6	0.00102	0.00102	0.00000518	0.00657	0.00105	0.0183	0.015	0.00000527	13.9	0.0000169	0.000243
2047 Mar	71.4	0.0794	0.397	0.00266	21.9	0.0342	9.62	0.00102	0.00102	0.00000519	0.00658	0.00105	0.0183	0.015	0.00000528	13.9	0.0000169	0.000244
2047 Apr	71.5	0.0795	0.398	0.00267	22	0.0342	9.64	0.00102	0.00102	0.0000052	0.0066	0.00106	0.0184	0.0151	0.00000529	13.9	0.0000169	0.000244
2047 May	72.9	0.0806	0.4	0.00268	22.3	0.0341	9.74	0.00103	0.00103	0.00000522	0.00662	0.00108	0.0184	0.0158	0.00000531	14.5	0.0000171	0.000251
2047 Jun	76.3	0.0842	0.442	0.00275	23.3	0.0319	10	0.000996	0.000994	0.00000506	0.00629	0.00112	0.0181	0.0178	0.00000516	16	0.0000171	0.000267
2047 Jul	78.1	0.0854	0.448	0.00281	23.8	0.033	10.2	0.00104	0.00104	0.00000527	0.00658	0.00116	0.0186	0.0183	0.00000537	16.4	0.0000178	0.000276
2047 Aug	80.4	0.0879	0.458	0.00289	24.4	0.0344	10.5	0.00108	0.00107	0.00000547	0.0068	0.0012	0.0192	0.019	0.00000556	17	0.0000183	0.000284
2047 Sep	78.7	0.0871	0.436	0.00279	23.8	0.0347	10.2	0.00107	0.00107	0.00000542	0.00679	0.00119	0.0188	0.0188	0.00000551	16.8	0.0000179	0.000279
2047 Oct	76.8	0.0872	0.414	0.00269	23.1	0.0348	9.86	0.00105	0.00105	0.00000535	0.00679	0.00118	0.0183	0.0185	0.00000544	16.6	0.0000176	0.000273
2047 Nov	76.4	0.0874	0.409	0.00267	23	0.0348	9.8	0.00105	0.00105	0.00000534	0.0068	0.00118	0.0182	0.0185	0.00000543	16.6	0.0000175	0.000272
2047 Dec	76.4	0.0875	0.409	0.00267	23	0.0348	9.81	0.00105	0.00105	0.00000534	0.0068	0.00118	0.0182	0.0185	0.00000543	16.6	0.0000175	0.000272
2048 Jan	76.4	0.0875	0.409	0.00267	23	0.0348	9.81	0.00105	0.00105	0.00000534	0.0068	0.00118	0.0182	0.0185	0.00000543	16.6	0.0000175	0.000272
2048 Feb	76.5	0.0875	0.41	0.00267	23	0.0349	9.81	0.00105	0.00105	0.00000535	0.0068	0.00118	0.0182	0.0185	0.00000543	16.6	0.0000175	0.000272
2048 Mar	76.5	0.0875	0.41	0.00267	23	0.0349	9.81	0.00105	0.00105	0.00000535	0.0068	0.00118	0.0182	0.0185	0.00000543	16.6	0.0000175	0.000272
2048 Apr	76.7	0.0877	0.411	0.00268	23.1	0.035	9.84	0.00106	0.00105	0.00000536	0.00682	0.00118	0.0183	0.0186	0.00000545	16.7	0.0000176	0.000273
2048 May	77.7	0.0889	0.416	0.00271	23.4	0.0354	9.97	0.00107	0.00107	0.00000543	0.00691	0.0012	0.0185	0.0188	0.00000552	16.9	0.0000178	0.000277
2048 Jun	72.8	0.0823	0.435	0.00271	22	0.0328	9.46	0.00102	0.00102	0.00000519	0.00658	0.0011	0.0181	0.0166	0.00000528	15	0.0000176	0.000256
2048 Jul	71.3	0.0809	0.478	0.00283	21.9	0.0321	9.47	0.00101	0.001	0.00000512	0.00637	0.00104	0.0184	0.0151	0.00000521	13.8	0.0000173	0.000244
2048 Aug	71.2	0.0801	0.465	0.0028	21.7	0.0332	9.37	0.00102	0.00102	0.00000521	0.00644	0.00107	0.0184	0.0154	0.0000053	14	0.000017	0.000244
2048 Sep	70.5	0.0798	0.45	0.00274	21.4	0.0336	9.21	0.00103	0.00102	0.00000521	0.00646	0.00107	0.0182	0.0154	0.0000053	14.1	0.0000167	0.000243
2048 Oct	69.7	0.0807	0.439	0.00269	21.2	0.0338	9.1	0.00102	0.00102	0.00000517	0.00647	0.00106	0.018	0.0154	0.00000526	14.1	0.0000166	0.000241
2048 Nov	69.7	0.0815	0.438	0.00269	21.2	0.034	9.1	0.00102	0.00102	0.00000517	0.00649	0.00106	0.018	0.0154	0.00000526	14.1	0.0000166	0.000241
2048 Dec	69.8	0.0815	0.438	0.00269	21.2	0.034	9.11	0.00102	0.00102	0.00000518	0.00649	0.00106	0.018	0.0154	0.00000526	14.1	0.0000166	0.000241
2049 Jan	69.8	0.0815	0.438	0.00269	21.2	0.034	9.11	0.00102	0.00102	0.00000518	0.00649	0.00106	0.018	0.0154	0.00000526	14.1	0.0000166	0.000241
2049 Feb	69.8	0.0815	0.438	0.00269	21.2	0.034	9.11	0.00102	0.00102	0.00000518	0.00649	0.00106	0.018	0.0154	0.00000526	14.1	0.0000166	0.000241
2049 Mar	69.8	0.0816	0.438	0.00269	21.2	0.034	9.11	0.00102	0.00102	0.00000518	0.0065	0.00107	0.018	0.0154	0.00000526	14.1	0.0000166	0.000241
2049 Apr	70	0.0818	0.44	0.0027	21.3	0.0341	9.14	0.00102	0.00102	0.00000519	0.00652	0.00107	0.0181	0.0155	0.00000528	14.1	0.0000166	0.000242
2049 May	70.9	0.0828	0.444	0.00273	21.5	0.0345	9.25	0.00103	0.00103	0.00000526	0.0066	0.00108	0.0183	0.0157	0.00000534	14.4	0.0000168	0.000245
2049 Jun	68	0.0784	0.462	0.00273	20.7	0.0316	8.92	0.000987	0.000985	0.00000502	0.00628	0.00101	0.0178	0.0145	0.00000511	13.3	0.0000168	0.000234
2049 Jul	68.6	0.0797	0.497	0.00285	21.2	0.0316	9.11	0.000988	0.000985	0.00000503	0.00621	0.001	0.0182	0.0141	0.00000512	12.9	0.0000168	0.000232
2049 Aug	71.3	0.0827	0.513	0.00296	22	0.0332	9.45	0.00103	0.00103	0.00000526	0.00648	0.00105	0.019	0.0147	0.00000535	13.5	0.0000174	0.000241
2049 Sep	70.1	0.0825	0.488	0.00286	21.5	0.0336	9.2	0.00103	0.00103	0.00000523	0.00649	0.00105	0.0186	0.0147	0.00000532	13.5	0.000017	0.000238
2049 Oct	68.6	0.083	0.463	0.00276	20.9	0.0337	8.95	0.00102	0.00102	0.00000517	0.00652	0.00104	0.0181	0.0147	0.00000526	13.5	0.0000168	0.000235
2049 Nov	68.5	0.0833	0.46	0.00274	20.9	0.0338	8.93	0.00102	0.00102	0.00000517	0.00654	0.00104	0.0181	0.0147	0.00000526	13.5	0.0000168	0.000234
2049 Dec	68.6	0.0833	0.46	0.00275	20.9	0.0339	8.93	0.00102	0.00102	0.00000517	0.00654	0.00104	0.0181	0.0147	0.00000526	13.5	0.0000168	0.000235
2050 Jan	68.6	0.0833	0.46	0.00275	20.9	0.0339	8.93	0.00102	0.00102	0.00000517	0.00654	0.00104	0.0181	0.0147	0.00000526	13.5	0.0000168	0.000235
2050 Feb	68.6	0.0833	0.46	0.00275	20.9	0.0339	8.93	0.00102	0.00102	0.00000517	0.00654	0.00104	0.0181	0.0148	0.00000526	13.5	0.0000168	0.000235
2050 Mar	68.6	0.0833	0.461	0.00275	20.9	0.0339	8.93	0.00102	0.00102	0.00000517	0.00654	0.00104	0.0181	0.0148	0.00000526	13.5	0.0000168	0.000235
2050 Apr	68.7	0.0835	0.462	0.00275	20.9	0.0339	8.95	0.00102	0.00102	0.00000519	0.00656	0.00104	0.0182	0.0148	0.00000527	13.6	0.0000168	0.000235
2050 May	69.5	0.0844	0.466	0.00278	21.2	0.0343	9.04	0.00103	0.00103	0.00000524	0.00663	0.00105	0.0183	0.015	0.00000533	13.7	0.000017	0.000238
2050 Jun	67.6	0.0791	0.455	0.00269	20.4	0.0317	8.7	0.000996	0.000994	0.00000506	0.00639	0.00102	0.0176	0.0148	0.00000514	13.5	0.0000171	0.000236
2050 Jul	66.7	0.078	0.481	0.00277	20.5	0.0313	8.79	0.000974	0.000971	0.00000495	0.00612	0.000989	0.0177	0.0139	0.00000504	12.7	0.0000164	0.000226

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Aug	67.9	0.079	0.485	0.00281	20.8	0.0323	8.92	0.001	0.000999	0.0000051	0.00627	0.00102	0.018	0.0143	0.00000518	13.1	0.0000166	0.00023
2050 Sep	67.5	0.0793	0.472	0.00277	20.6	0.0328	8.82	0.001	0.001	0.00000511	0.00631	0.00102	0.0179	0.0144	0.00000519	13.2	0.0000165	0.00023
2050 Oct	67.9	0.0801	0.472	0.00277	20.7	0.0331	8.85	0.00101	0.00101	0.00000514	0.00637	0.00103	0.018	0.0145	0.00000523	13.3	0.0000166	0.000231
2050 Nov	68.1	0.0803	0.473	0.00278	20.7	0.0332	8.87	0.00101	0.00101	0.00000516	0.00639	0.00103	0.0181	0.0146	0.00000524	13.3	0.0000166	0.000232
2050 Dec	68.1	0.0804	0.473	0.00278	20.8	0.0332	8.88	0.00101	0.00101	0.00000516	0.00639	0.00103	0.0181	0.0146	0.00000525	13.3	0.0000166	0.000232
2051 Jan	68.1	0.0804	0.473	0.00278	20.8	0.0332	8.88	0.00101	0.00101	0.00000516	0.0064	0.00104	0.0181	0.0146	0.00000525	13.3	0.0000166	0.000232
2051 Feb	68.1	0.0804	0.473	0.00278	20.8	0.0332	8.88	0.00101	0.00101	0.00000516	0.0064	0.00104	0.0181	0.0146	0.00000525	13.3	0.0000166	0.000232
2051 Mar	68.1	0.0804	0.473	0.00278	20.8	0.0333	8.88	0.00102	0.00101	0.00000516	0.0064	0.00104	0.0181	0.0146	0.00000525	13.3	0.0000167	0.000232
2051 Apr	68.4	0.0807	0.475	0.00279	20.8	0.0334	8.91	0.00102	0.00102	0.00000518	0.00642	0.00104	0.0181	0.0146	0.00000527	13.4	0.0000167	0.000233
2051 May	69.4	0.0815	0.476	0.00281	21.1	0.0336	9	0.00103	0.00103	0.00000524	0.0065	0.00106	0.0182	0.0151	0.00000533	13.7	0.000017	0.000238
2051 Jun	68.4	0.079	0.477	0.00274	20.8	0.0302	8.85	0.000963	0.00096	0.0000049	0.00604	0.00102	0.0174	0.0153	0.00000499	13.7	0.0000166	0.000238
2051 Jul	70	0.0828	0.527	0.00294	21.8	0.0309	9.31	0.000972	0.000969	0.00000495	0.00601	0.00101	0.0183	0.0146	0.00000505	13.3	0.0000166	0.000235
2051 Aug	69.5	0.0815	0.509	0.00289	21.5	0.0319	9.16	0.000987	0.000984	0.00000502	0.00606	0.00103	0.0182	0.0148	0.00000512	13.5	0.0000162	0.000235
2051 Sep	68.4	0.0826	0.489	0.0028	21.1	0.0324	8.99	0.000976	0.000974	0.00000497	0.00606	0.00102	0.0179	0.0147	0.00000506	13.4	0.0000158	0.000231
2051 Oct	67.7	0.0885	0.491	0.00278	21.2	0.033	9.1	0.000946	0.000944	0.00000482	0.00597	0.00099	0.0178	0.0143	0.00000491	13.1	0.000015	0.000223
2051 Nov	67.9	0.0894	0.492	0.00279	21.3	0.0332	9.13	0.000947	0.000944	0.00000482	0.00599	0.000991	0.0179	0.0143	0.00000491	13.1	0.000015	0.000223
2051 Dec	67.9	0.0894	0.492	0.00279	21.3	0.0332	9.14	0.000947	0.000944	0.00000482	0.00599	0.000992	0.0179	0.0143	0.00000491	13.2	0.000015	0.000223
2052 Jan	67.9	0.0894	0.492	0.00279	21.3	0.0332	9.14	0.000947	0.000944	0.00000482	0.00599	0.000992	0.0179	0.0143	0.00000491	13.2	0.000015	0.000223
2052 Feb	67.9	0.0894	0.493	0.00279	21.3	0.0332	9.14	0.000947	0.000945	0.00000482	0.00599	0.000992	0.0179	0.0143	0.00000492	13.2	0.000015	0.000223
2052 Mar	67.9	0.0895	0.493	0.00279	21.3	0.0333	9.15	0.000948	0.000945	0.00000483	0.006	0.000993	0.0179	0.0143	0.00000492	13.2	0.0000151	0.000223
2052 Apr	68.1	0.0897	0.494	0.0028	21.4	0.0333	9.16	0.00095	0.000947	0.00000484	0.00601	0.000994	0.0179	0.0143	0.00000493	13.2	0.0000151	0.000224
2052 May	69.2	0.0899	0.486	0.00278	21.5	0.0332	9.19	0.000959	0.000956	0.00000488	0.00607	0.00102	0.0178	0.0152	0.00000497	13.8	0.0000154	0.000231
2052 Jun	70.8	0.0874	0.481	0.00275	21.8	0.0314	9.21	0.000952	0.00095	0.00000485	0.00599	0.00106	0.0175	0.0165	0.00000494	14.7	0.0000159	0.000244
2052 Jul	69.5	0.0839	0.466	0.00271	21.3	0.0321	8.99	0.000968	0.000965	0.00000492	0.00601	0.00106	0.0173	0.0163	0.00000501	14.5	0.0000156	0.000239
2052 Aug	69.9	0.0837	0.46	0.00271	21.3	0.033	8.99	0.000987	0.000984	0.00000502	0.0061	0.00108	0.0174	0.0165	0.0000051	14.7	0.0000156	0.000241
2052 Sep	69.1	0.0838	0.446	0.00265	21	0.0335	8.85	0.000987	0.000984	0.00000501	0.00612	0.00108	0.0173	0.0165	0.0000051	14.7	0.0000153	0.000239
2052 Oct	69.2	0.0853	0.447	0.00266	21.1	0.0338	8.91	0.000986	0.000983	0.00000501	0.00615	0.00108	0.0174	0.0164	0.00000509	14.7	0.0000153	0.000238
2052 Nov	69.4	0.0855	0.448	0.00266	21.1	0.0338	8.93	0.000988	0.000985	0.00000502	0.00616	0.00108	0.0174	0.0164	0.0000051	14.7	0.0000153	0.000239
2052 Dec	69.4	0.0855	0.448	0.00267	21.1	0.0339	8.93	0.000988	0.000986	0.00000502	0.00617	0.00108	0.0174	0.0164	0.00000511	14.7	0.0000153	0.000239
2053 Jan	69.4	0.0856	0.448	0.00267	21.1	0.0339	8.93	0.000989	0.000986	0.00000502	0.00617	0.00108	0.0174	0.0164	0.00000511	14.7	0.0000153	0.000239
2053 Feb	69.5	0.0856	0.449	0.00267	21.1	0.0339	8.94	0.000989	0.000986	0.00000502	0.00617	0.00108	0.0174	0.0164	0.00000511	14.7	0.0000154	0.000239
2053 Mar	69.5	0.0857	0.449	0.00267	21.2	0.0339	8.95	0.00099	0.000987	0.00000503	0.00618	0.00108	0.0174	0.0164	0.00000511	14.7	0.0000154	0.000239
2053 Apr	69.8	0.086	0.451	0.00268	21.2	0.034	8.98	0.000993	0.000991	0.00000505	0.0062	0.00109	0.0175	0.0165	0.00000513	14.8	0.0000154	0.00024
2053 May	72.1	0.0866	0.442	0.00265	21.7	0.0333	9.11	0.000996	0.000993	0.00000506	0.00621	0.00114	0.0173	0.0181	0.00000514	16	0.0000158	0.000254
2053 Jun	73.6	0.0869	0.472	0.00272	22.5	0.0305	9.46	0.000942	0.000938	0.00000479	0.00578	0.00111	0.0172	0.0184	0.00000488	16.1	0.0000156	0.000259
2053 Jul	75.2	0.0891	0.498	0.00284	23.1	0.0315	9.77	0.000969	0.000966	0.00000493	0.00593	0.00112	0.0179	0.0182	0.00000503	16.1	0.0000161	0.000262
2053 Aug	77.3	0.0914	0.507	0.00291	23.7	0.0328	10	0.00101	0.001	0.00000512	0.00614	0.00116	0.0185	0.0188	0.00000521	16.6	0.0000164	0.00027
2053 Sep	79	0.0934	0.516	0.00297	24.2	0.0337	10.2	0.00103	0.00103	0.00000524	0.00629	0.00119	0.0189	0.0193	0.00000534	17	0.0000168	0.000276
2053 Oct	79.3	0.0941	0.516	0.00298	24.3	0.034	10.2	0.00104	0.00103	0.00000527	0.00635	0.0012	0.019	0.0194	0.00000537	17.1	0.0000169	0.000277
2053 Nov	79.2	0.0942	0.513	0.00296	24.2	0.0341	10.2	0.00104	0.00103	0.00000527	0.00636	0.0012	0.0189	0.0194	0.00000537	17.1	0.0000169	0.000277
2053 Dec	79.2	0.0942	0.513	0.00297	24.2	0.0341	10.2	0.00104	0.00103	0.00000527	0.00636	0.0012	0.0189	0.0194	0.00000537	17.1	0.0000169	0.000277
2054 Jan	79.2	0.0943	0.513	0.00297	24.2	0.0341	10.2	0.00104	0.00103	0.00000527	0.00636	0.0012	0.0189	0.0194	0.00000537	17.1	0.0000169	0.000277
2054 Feb	79.2	0.0943	0.513	0.00297	24.2	0.0341	10.2	0.00104	0.00103	0.00000527	0.00636	0.0012	0.0189	0.0194	0.00000537	17.1	0.0000169	0.000277
2054 Mar	79.2	0.0943	0.513	0.00297	24.2	0.0341	10.2	0.00104	0.00103	0.00000527	0.00636	0.0012	0.0189	0.0194	0.00000537	17.1	0.0000169	0.000277
2054 Apr	79.4	0.0946	0.515	0.00298	24.3	0.0342	10.3	0.00104	0.00104	0.00000529	0.00638	0.0012	0.019	0.0194	0.00000539	17.2	0.0000169	0.000278
2054 May	80.4	0.0951	0.511	0.00297	24.5	0.0343	10.3	0.00105	0.00105	0.00000534	0.00645	0.00123	0.019	0.02	0.00000544	17.6	0.0000172	0.000284
2054 Jun	75.4	0.0838	0.427	0.00259	22.2	0.0305	9.24	0.000992	0.000989	0.00000503	0.00621	0.0012	0.0169	0.0203	0.00000512	17.6	0.0000171	0.000281
2054 Jul	73	0.0814	0.44	0.00264	21.8	0.0306	9.2	0.000981	0.000977	0.00000498	0.00607	0.00114	0.0171	0.0186	0.00000507	16.3	0.0000166	0.000265
2054 Aug	72.7	0.0808	0.429	0.00261	21.6	0.0316	9.12	0.000993	0.00099	0.00000504	0.00611	0.00115	0.0172	0.0186	0.00000512	16.3	0.0000163	0.000264
2054 Sep	72.3	0.081	0.422	0.00259	21.5	0.0322	9.06	0.000998	0.000994	0.00000506	0.00614	0.00115	0.0172	0.0186	0.00000515	16.3	0.000016	0.000263
2054 Oct	72	0.0832	0.426	0.00259	21.6	0.0326	9.14	0.000987	0.000984	0.00000501	0.00612	0.00114	0.0173	0.0182	0.0000051	16.1	0.0000158	0.000258
2054 Nov	72.1	0.0845	0.432	0.00261	21.7	0.0327	9.23	0.000983	0.00098	0.00000499	0.0061	0.00113	0.0174	0.018	0.00000508	15.9	0.0000157	0.000257
2054 Dec	72.1	0.0845	0.432	0.00262	21.7	0.0327	9.23	0.000984	0.00098	0.000005	0.0061	0.00113	0.0174	0.018	0.00000508	15.9	0.0000157	0.000257
2055 Jan	72.1	0.0845	0.432	0.00262	21.7	0.0327	9.23	0.000984	0.000981	0.000005	0.0061	0.00113	0.0174	0.018	0.00000508	15.9	0.0000157	0.000257
2055 Feb	72.1	0.0845	0.432	0.00262	21.7	0.0327	9.23	0.000984	0.000981	0.000005	0.0061	0.00113	0.0174	0.018	0.00000508	15.9	0.0000157	0.000257
2055 Mar	72.2	0.0845	0.432	0.00262	21.7	0.0328	9.23	0.000984	0.000981	0.000005	0.00611	0.00113	0.0174	0.018	0.00000508	15.9	0.0000157	0.000257
2055 Apr	72.3	0.0847	0.433	0.00262	21.8	0.0328	9.26	0.000987	0.000983	0.00000501	0.00612	0.00113	0.0175	0.0181	0.0000051	16	0.0000157	0.000258
2055 May	73.1	0.0856	0.438	0.00265	22	0.0332	9.36	0.000997	0.000994	0.00000506	0.00619	0.00115	0.0176	0.0182	0.00000515	16.2	0.0000159	0.000261
2055 Jun	68.4	0.0788	0.447	0.00266	20.8	0.0306	8.98	0.000952	0.000948	0.00000484	0.00594	0.00103	0.0175	0.0156	0.00000493	14	0.000016	0.00024
2055 Jul	69.2	0.0804	0.483	0.00281	21.4	0.0308	9.32	0.000955	0.00095	0.00000486	0.00588	0.00102	0.0181	0.0149	0.00000496	13.4	0.000016	0.000236
2055 Aug	70.7	0.0818	0.488	0.00286	21.8	0.032	9.49	0.000985	0.00098	0.00000501	0.00605	0.00105	0.0185	0.0153	0.00000511	13.8	0.0000163	0.000242
2055 Sep	70.1	0.0815	0.473	0.0028	21.5	0.0325	9.34	0.000988	0.000984	0.00000502	0.00608	0.00105	0.0184	0.0154	0.00000512	13.9	0.0000161	0.000241
2055 Oct	70.2	0.0821	0.47	0.00279	21.5	0.0327	9.33	0.000993	0.000988	0.00000504	0.00613	0.00106	0.0184	0.0154	0.00000514	14	0.0000161	0.000241
2055 Nov	70.2	0.0823	0.469	0.00279	21.5	0.0328	9.33	0.000994	0.000989	0.00000505	0.00614	0.00106	0.0184	0.0155	0.00000515	14	0.0000161	0.000242
2055 Dec	70.2	0.0823	0.469	0.00279	21.5	0.0328	9.33	0.000994	0.000989	0.00000505	0.00615	0.00106	0.0184	0.0155	0.00000515	14	0.0000161	0.000242
2056 Jan	70.2	0.0823	0.469	0.00279	21.5	0.0328	9.34	0.000994	0.00099	0.00000505	0.00615	0.00106	0.0184	0.0155	0.00000515	14	0.0000161	0.000242
2056 Feb	70.2	0.0824	0.469	0.00279	21.5	0.0328	9.34	0.000994	0.00099	0.00000505	0.00615	0.00106	0.0184	0.0155	0.00000515	14	0.0000161	0.000242

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Mar	70.2	0.0824	0.47	0.00279	21.5	0.0328	9.34	0.000995	0.00099	0.00000505	0.00615	0.00106	0.0184	0.0155	0.00000515	14	0.0000161	0.000242
2056 Apr	70.4	0.0826	0.471	0.0028	21.6	0.0329	9.37	0.000998	0.000993	0.00000507	0.00617	0.00106	0.0185	0.0155	0.00000517	14.1	0.0000162	0.000242
2056 May	72	0.0828	0.456	0.00275	21.8	0.0326	9.37	0.001	0.001	0.0000051	0.00623	0.00111	0.0182	0.0168	0.0000052	15.1	0.0000165	0.000254
2056 Jun	73.3	0.082	0.436	0.00263	22	0.0299	9.39	0.000956	0.000951	0.00000485	0.0059	0.00113	0.0172	0.0186	0.00000495	16.3	0.0000163	0.000266
2056 Jul	74.9	0.0835	0.45	0.00272	22.5	0.0311	9.64	0.00099	0.000985	0.00000502	0.00609	0.00116	0.0178	0.0188	0.00000512	16.5	0.0000168	0.000271
2056 Aug	75.2	0.0832	0.444	0.00271	22.5	0.0321	9.62	0.00101	0.00101	0.00000513	0.00619	0.00118	0.0179	0.019	0.00000522	16.7	0.0000167	0.000272
2056 Sep	76.1	0.0848	0.444	0.00273	22.7	0.0329	9.71	0.00103	0.00102	0.00000522	0.00632	0.0012	0.0181	0.0193	0.00000531	16.9	0.0000169	0.000275
2056 Oct	74.7	0.0849	0.427	0.00265	22.2	0.033	9.48	0.00102	0.00101	0.00000517	0.00633	0.00118	0.0178	0.0191	0.00000526	16.8	0.0000167	0.000271
2056 Nov	74.5	0.0851	0.423	0.00264	22.1	0.0331	9.45	0.00102	0.00101	0.00000516	0.00635	0.00118	0.0177	0.019	0.00000525	16.8	0.0000167	0.00027
2056 Dec	74.5	0.0851	0.424	0.00264	22.1	0.0331	9.45	0.00102	0.00101	0.00000516	0.00635	0.00118	0.0177	0.019	0.00000525	16.8	0.0000167	0.00027
2057 Jan	74.5	0.0851	0.424	0.00264	22.1	0.0331	9.45	0.00102	0.00101	0.00000516	0.00635	0.00118	0.0177	0.019	0.00000526	16.8	0.0000167	0.00027
2057 Feb	74.5	0.0852	0.424	0.00264	22.1	0.0331	9.45	0.00102	0.00101	0.00000517	0.00635	0.00118	0.0177	0.0191	0.00000526	16.8	0.0000167	0.00027
2057 Mar	74.6	0.0852	0.424	0.00264	22.2	0.0331	9.46	0.00102	0.00102	0.00000517	0.00636	0.00118	0.0178	0.0191	0.00000526	16.8	0.0000167	0.00027
2057 Apr	74.8	0.0855	0.425	0.00265	22.2	0.0332	9.49	0.00102	0.00102	0.00000519	0.00638	0.00119	0.0178	0.0191	0.00000528	16.8	0.0000168	0.000271
2057 May	75.9	0.0864	0.426	0.00267	22.5	0.0335	9.58	0.00104	0.00103	0.00000525	0.00646	0.00121	0.0179	0.0197	0.00000534	17.3	0.000017	0.000277
2057 Jun	72.3	0.0795	0.407	0.00254	21.4	0.0303	9.19	0.000975	0.00097	0.00000494	0.00611	0.00114	0.0171	0.0185	0.00000503	16.2	0.0000168	0.000267
2057 Jul	73	0.0803	0.427	0.00264	21.7	0.0309	9.42	0.000992	0.000987	0.00000503	0.00619	0.00114	0.0177	0.0181	0.00000513	15.9	0.0000171	0.000266
2057 Aug	76.6	0.0841	0.445	0.00277	22.8	0.0327	9.87	0.00105	0.00104	0.0000053	0.00651	0.0012	0.0186	0.019	0.0000054	16.8	0.0000179	0.000279
2057 Sep	77.5	0.0854	0.447	0.00279	23	0.0334	9.97	0.00106	0.00106	0.00000539	0.00663	0.00122	0.0188	0.0193	0.00000549	17	0.0000181	0.000283
2057 Oct	77	0.0857	0.44	0.00276	22.8	0.0335	9.88	0.00106	0.00105	0.00000537	0.00665	0.00121	0.0187	0.0192	0.00000547	17	0.000018	0.000281
2057 Nov	77.1	0.086	0.439	0.00276	22.8	0.0336	9.88	0.00106	0.00106	0.00000538	0.00667	0.00121	0.0187	0.0193	0.00000548	17	0.000018	0.000281
2057 Dec	77.1	0.086	0.44	0.00276	22.8	0.0336	9.89	0.00106	0.00106	0.00000538	0.00667	0.00121	0.0187	0.0193	0.00000548	17	0.000018	0.000281
2058 Jan	77.1	0.086	0.44	0.00276	22.8	0.0336	9.89	0.00106	0.00106	0.00000538	0.00667	0.00121	0.0187	0.0193	0.00000548	17	0.000018	0.000281
2058 Feb	77.1	0.086	0.44	0.00276	22.8	0.0336	9.89	0.00106	0.00106	0.00000538	0.00667	0.00122	0.0187	0.0193	0.00000548	17	0.000018	0.000281
2058 Mar	77.2	0.086	0.44	0.00276	22.8	0.0336	9.89	0.00106	0.00106	0.00000538	0.00667	0.00122	0.0187	0.0193	0.00000548	17	0.000018	0.000281
2058 Apr	77.3	0.0862	0.441	0.00277	22.9	0.0337	9.91	0.00106	0.00106	0.0000054	0.00668	0.00122	0.0187	0.0193	0.00000549	17.1	0.0000181	0.000282
2058 May	78.6	0.086	0.422	0.00269	23	0.0332	9.86	0.00107	0.00106	0.00000541	0.00672	0.00126	0.0183	0.0207	0.0000055	18.1	0.0000183	0.000293
2058 Jun	77	0.0834	0.417	0.00258	22.7	0.0296	9.82	0.000967	0.000961	0.0000049	0.00599	0.0012	0.0173	0.0206	0.000005	17.9	0.000017	0.000287
2058 Jul	78.4	0.0861	0.45	0.00274	23.5	0.0307	10.2	0.000987	0.000981	0.00000501	0.00607	0.0012	0.0182	0.02	0.00000511	17.5	0.0000171	0.000286
2058 Aug	80	0.0876	0.456	0.0028	23.9	0.0318	10.4	0.00102	0.00101	0.00000516	0.00624	0.00124	0.0186	0.0206	0.00000527	17.9	0.0000174	0.000292
2058 Sep	79	0.088	0.44	0.00273	23.5	0.0323	10.2	0.00102	0.00101	0.00000516	0.0063	0.00123	0.0184	0.0204	0.00000527	17.9	0.0000173	0.000289
2058 Oct	78.1	0.0885	0.427	0.00268	23.2	0.0326	10.1	0.00102	0.00101	0.00000515	0.00635	0.00123	0.0182	0.0203	0.00000525	17.8	0.0000172	0.000286
2058 Nov	78.2	0.0888	0.427	0.00268	23.2	0.0327	10.1	0.00102	0.00101	0.00000516	0.00637	0.00123	0.0182	0.0203	0.00000526	17.8	0.0000172	0.000287
2058 Dec	78.2	0.0888	0.427	0.00268	23.2	0.0327	10.1	0.00102	0.00101	0.00000516	0.00637	0.00123	0.0182	0.0203	0.00000526	17.8	0.0000172	0.000287
2059 Jan	78.2	0.0888	0.427	0.00268	23.2	0.0327	10.1	0.00102	0.00101	0.00000516	0.00637	0.00123	0.0182	0.0203	0.00000526	17.8	0.0000172	0.000287
2059 Feb	78.2	0.0888	0.427	0.00268	23.2	0.0327	10.1	0.00102	0.00101	0.00000516	0.00637	0.00123	0.0182	0.0203	0.00000526	17.8	0.0000172	0.000287
2059 Mar	78.2	0.0888	0.427	0.00268	23.2	0.0327	10.1	0.00102	0.00101	0.00000516	0.00637	0.00123	0.0182	0.0203	0.00000526	17.8	0.0000172	0.000287
2059 Apr	78.4	0.089	0.428	0.00269	23.3	0.0328	10.1	0.00102	0.00101	0.00000517	0.00638	0.00123	0.0182	0.0204	0.00000527	17.9	0.0000173	0.000287
2059 May	79.5	0.0892	0.419	0.00266	23.4	0.0327	10.1	0.00103	0.00102	0.00000521	0.00645	0.00126	0.0181	0.0213	0.00000531	18.5	0.0000175	0.000295
2059 Jun	80	0.0865	0.393	0.00254	23.2	0.0309	9.96	0.00101	0.001	0.00000512	0.00634	0.00129	0.0174	0.0226	0.00000521	19.4	0.0000177	0.000305
2059 Jul	83.5	0.0901	0.411	0.00266	24.2	0.0325	10.4	0.00106	0.00106	0.00000538	0.00667	0.00135	0.0182	0.0235	0.00000548	20.2	0.0000186	0.000319
2059 Aug	86.6	0.0933	0.425	0.00276	25.1	0.0339	10.8	0.00111	0.0011	0.0000056	0.00694	0.0014	0.0189	0.0244	0.0000057	21	0.0000193	0.000331
2059 Sep	86.6	0.0943	0.419	0.00274	25.1	0.0345	10.7	0.00112	0.00111	0.00000564	0.00703	0.00141	0.0189	0.0244	0.00000574	21.1	0.0000193	0.000331
2059 Oct	81.2	0.0931	0.373	0.00252	23.4	0.0344	9.98	0.00107	0.00107	0.00000543	0.00695	0.00134	0.0178	0.0231	0.00000552	20.1	0.0000184	0.000311
2059 Nov	80.8	0.0932	0.368	0.0025	23.2	0.0345	9.91	0.00107	0.00107	0.00000542	0.00696	0.00134	0.0177	0.023	0.00000551	20	0.0000184	0.000309
2059 Dec	80.8	0.0932	0.368	0.0025	23.2	0.0345	9.91	0.00107	0.00107	0.00000542	0.00696	0.00134	0.0177	0.023	0.00000551	20	0.0000184	0.000309
2060 Jan	80.8	0.0932	0.368	0.0025	23.2	0.0345	9.91	0.00107	0.00107	0.00000542	0.00696	0.00134	0.0177	0.023	0.00000551	20	0.0000184	0.000309
2060 Feb	80.8	0.0933	0.369	0.0025	23.2	0.0345	9.91	0.00107	0.00107	0.00000542	0.00696	0.00134	0.0177	0.023	0.00000551	20	0.0000184	0.000309
2060 Mar	80.8	0.0933	0.369	0.0025	23.2	0.0345	9.91	0.00107	0.00107	0.00000542	0.00697	0.00134	0.0177	0.0231	0.00000551	20	0.0000184	0.000309
2060 Apr	81.1	0.0936	0.37	0.00251	23.3	0.0346	9.95	0.00108	0.00107	0.00000544	0.00699	0.00134	0.0178	0.0231	0.00000553	20.1	0.0000184	0.00031
2060 May	82.2	0.0922	0.348	0.00242	23.3	0.0336	9.83	0.00107	0.00107	0.00000541	0.00696	0.00138	0.0172	0.0246	0.00000549	21.2	0.0000187	0.000322
2060 Jun	81.8	0.0896	0.382	0.0025	23.7	0.0312	10.3	0.00101	0.001	0.0000051	0.00638	0.00132	0.0174	0.0235	0.00000519	20.3	0.0000178	0.000314
2060 Jul	85.2	0.0933	0.408	0.00265	24.8	0.0327	10.8	0.00106	0.00105	0.00000534	0.00666	0.00137	0.0184	0.0241	0.00000544	20.8	0.0000186	0.000325
2060 Aug	85.6	0.0935	0.403	0.00266	24.8	0.0338	10.8	0.00108	0.00107	0.00000545	0.00677	0.00139	0.0186	0.0243	0.00000555	21	0.0000185	0.000327
2060 Sep	80.7	0.0893	0.362	0.00246	23.3	0.0341	10	0.00105	0.00104	0.00000531	0.00661	0.00133	0.0178	0.0231	0.0000054	20.1	0.0000172	0.00031
2060 Oct	79.5	0.0899	0.353	0.00242	22.9	0.0343	9.88	0.00104	0.00104	0.00000527	0.00663	0.00132	0.0176	0.0227	0.00000536	19.8	0.0000171	0.000305
2060 Nov	79.4	0.0908	0.358	0.00244	23	0.0344	9.96	0.00104	0.00103	0.00000524	0.0066	0.00131	0.0177	0.0224	0.00000533	19.6	0.000017	0.000302
2060 Dec	79.4	0.0908	0.358	0.00244	23	0.0344	9.96	0.00104	0.00103	0.00000524	0.00661	0.00131	0.0177	0.0224	0.00000533	19.6	0.000017	0.000302
2061 Jan	79.4	0.0908	0.358	0.00244	23	0.0344	9.96	0.00104	0.00103	0.00000524	0.00661	0.00131	0.0177	0.0224	0.00000533	19.6	0.000017	0.000302
2061 Feb	79.4	0.0908	0.358	0.00244	23	0.0344	9.96	0.00104	0.00103	0.00000524	0.00661	0.00131	0.0177	0.0224	0.00000533	19.6	0.000017	0.000302
2061 Mar	79.4	0.0908	0.359	0.00244	23	0.0344	9.97	0.00104	0.00103	0.00000524	0.00661	0.00131	0.0177	0.0224	0.00000533	19.6	0.000017	0.000302
2061 Apr	79.7	0.0911	0.36	0.00245	23.1	0.0345	10	0.00104	0.00103	0.00000526	0.00663	0.00131	0.0177	0.0225	0.00000535	19.6	0.000017	0.000303
2061 May	81.8	0.0916	0.362	0.00245	23.6	0.0337	10.2	0.00104	0.00103	0.00000524	0.00657	0.00135	0.0177	0.0237	0.00000533	20.5	0.0000173	0.000314
2061 Jun	81.2	0.0908	0.419	0.00264	24.2	0.0312	10.7	0.000974	0.000964	0.00000492	0.00599	0.00126	0.0181	0.0219	0.00000503	19.1	0.0000166	0.000302
2061 Jul	84	0.0936	0.438	0.00276	25	0.0327	11.1	0.00102	0.00101	0.00000515	0.00626	0.0013	0.019	0.0224	0.00000527	19.5	0.0000173	0.00031
2061 Aug	86.8	0.0966	0.451	0.00286	25.8	0.0341	11.5	0.00106	0.00105	0.00000536	0.0065	0.00135	0.0196	0.0232	0.00000548	20.2	0.0000179	0.000321
2061 Sep	86.9	0.0971	0.446	0.00285	25.8	0.0346	11.5	0.00107	0.00106	0.0000054	0.00657	0.00136	0.0197	0.0233	0.00000552	20.3	0.0000179	0.000322

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Oct	83	0.0959	0.412	0.00268	24.5	0.0344	10.8	0.00104	0.00103	0.00000526	0.00653	0.00132	0.0188	0.0224	0.00000537	19.6	0.0000173	0.000308
2061 Nov	81.8	0.0956	0.401	0.00263	24.1	0.0344	10.7	0.00103	0.00103	0.00000523	0.00654	0.00131	0.0185	0.0222	0.00000533	19.4	0.0000172	0.000303
2061 Dec	81.8	0.0957	0.401	0.00263	24.1	0.0344	10.7	0.00103	0.00103	0.00000523	0.00654	0.00131	0.0185	0.0222	0.00000533	19.4	0.0000172	0.000304
2062 Jan	81.8	0.0957	0.401	0.00263	24.1	0.0344	10.7	0.00103	0.00103	0.00000523	0.00654	0.00131	0.0185	0.0222	0.00000533	19.4	0.0000172	0.000304
2062 Feb	81.8	0.0957	0.401	0.00263	24.1	0.0344	10.7	0.00103	0.00103	0.00000523	0.00654	0.00131	0.0185	0.0222	0.00000533	19.4	0.0000172	0.000304
2062 Mar	81.9	0.0958	0.401	0.00263	24.1	0.0345	10.7	0.00104	0.00103	0.00000523	0.00655	0.00131	0.0186	0.0222	0.00000534	19.4	0.0000172	0.000304
2062 Apr	82.2	0.0961	0.403	0.00264	24.2	0.0346	10.7	0.00104	0.00103	0.00000525	0.00657	0.00131	0.0186	0.0223	0.00000536	19.5	0.0000173	0.000305
2062 May	82.9	0.097	0.406	0.00267	24.5	0.0349	10.8	0.00105	0.00104	0.0000053	0.00663	0.00132	0.0188	0.0225	0.0000054	19.7	0.0000174	0.000308
2062 Jun	76	0.0855	0.388	0.00256	22.3	0.0322	9.98	0.00101	0.000998	0.00000509	0.00641	0.00121	0.0181	0.0196	0.00000519	17.3	0.0000174	0.000283
2062 Jul	74.6	0.0828	0.405	0.00264	22.1	0.0318	10	0.001	0.000991	0.00000506	0.0063	0.00116	0.0185	0.0182	0.00000517	16.2	0.0000174	0.000273
2062 Aug	73.4	0.0808	0.387	0.00257	21.6	0.0327	9.78	0.00101	0.001	0.00000511	0.00631	0.00117	0.0182	0.0182	0.00000521	16.2	0.0000168	0.000269
2062 Sep	72.7	0.0824	0.38	0.00254	21.4	0.0332	9.72	0.001	0.000994	0.00000506	0.00629	0.00116	0.0182	0.018	0.00000517	16	0.0000164	0.000265
2062 Oct	73	0.0895	0.401	0.0026	22	0.0338	10.1	0.000969	0.000957	0.00000489	0.00611	0.00113	0.0185	0.0173	0.000005	15.6	0.0000156	0.000257
2062 Nov	73.1	0.0902	0.403	0.00261	22.1	0.0339	10.2	0.00097	0.000958	0.00000489	0.00613	0.00113	0.0185	0.0173	0.00000501	15.6	0.0000156	0.000257
2062 Dec	73.2	0.0902	0.403	0.00261	22.1	0.034	10.2	0.00097	0.000958	0.00000489	0.00613	0.00113	0.0186	0.0173	0.00000501	15.6	0.0000156	0.000257
2063 Jan	73.2	0.0902	0.403	0.00261	22.1	0.034	10.2	0.000971	0.000959	0.00000489	0.00613	0.00113	0.0186	0.0173	0.00000501	15.6	0.0000156	0.000257
2063 Feb	73.2	0.0902	0.403	0.00261	22.1	0.034	10.2	0.000971	0.000959	0.0000049	0.00613	0.00113	0.0186	0.0173	0.00000501	15.6	0.0000156	0.000257
2063 Mar	73.2	0.0902	0.403	0.00261	22.1	0.034	10.2	0.000971	0.000959	0.0000049	0.00613	0.00113	0.0186	0.0173	0.00000501	15.6	0.0000156	0.000257
2063 Apr	73.3	0.0904	0.404	0.00262	22.1	0.034	10.2	0.000973	0.000961	0.00000491	0.00614	0.00113	0.0186	0.0174	0.00000502	15.6	0.0000156	0.000258
2063 May	74.8	0.0908	0.399	0.0026	22.4	0.0338	10.3	0.000979	0.000967	0.00000494	0.00618	0.00117	0.0185	0.0184	0.00000505	16.4	0.0000159	0.000267
2063 Jun	73.4	0.085	0.409	0.00261	22.1	0.0295	10.1	0.000911	0.000895	0.00000458	0.00556	0.00112	0.0178	0.0181	0.0000047	16	0.0000155	0.000265
2063 Jul	72.9	0.0849	0.427	0.0027	22.2	0.0299	10.2	0.00092	0.000902	0.00000462	0.00558	0.0011	0.0183	0.0172	0.00000475	15.3	0.0000155	0.000259
2063 Aug	75.3	0.0874	0.437	0.00278	22.8	0.0312	10.5	0.000957	0.000939	0.00000481	0.00579	0.00114	0.0189	0.0178	0.00000494	15.8	0.000016	0.000267
2063 Sep	74.8	0.0872	0.425	0.00274	22.6	0.0319	10.4	0.000965	0.000948	0.00000485	0.00585	0.00115	0.0188	0.0179	0.00000497	15.9	0.0000158	0.000267
2063 Oct	73.2	0.0872	0.406	0.00265	22.1	0.032	10.1	0.000956	0.00094	0.0000048	0.00588	0.00114	0.0184	0.0177	0.00000492	15.8	0.0000156	0.000262
2063 Nov	73.1	0.0873	0.404	0.00264	22	0.0321	10.1	0.000957	0.00094	0.00000481	0.0059	0.00114	0.0183	0.0177	0.00000493	15.8	0.0000156	0.000261
2063 Dec	73.2	0.0874	0.405	0.00264	22	0.0321	10.1	0.000957	0.000941	0.00000481	0.0059	0.00114	0.0183	0.0177	0.00000493	15.8	0.0000156	0.000261
2064 Jan	73.2	0.0874	0.405	0.00264	22	0.0321	10.1	0.000957	0.000941	0.00000481	0.0059	0.00114	0.0183	0.0177	0.00000493	15.8	0.0000156	0.000262
2064 Feb	73.2	0.0874	0.405	0.00265	22	0.0321	10.1	0.000958	0.000941	0.00000481	0.0059	0.00114	0.0184	0.0177	0.00000493	15.8	0.0000156	0.000262
2064 Mar	73.3	0.0875	0.405	0.00265	22.1	0.0321	10.1	0.000959	0.000942	0.00000481	0.00591	0.00114	0.0184	0.0177	0.00000493	15.8	0.0000156	0.000262
2064 Apr	73.4	0.0877	0.406	0.00265	22.1	0.0322	10.1	0.00096	0.000944	0.00000482	0.00592	0.00114	0.0184	0.0177	0.00000494	15.8	0.0000157	0.000262
2064 May	75.1	0.0879	0.396	0.00261	22.4	0.0316	10.2	0.000961	0.000944	0.00000482	0.00592	0.00118	0.0181	0.019	0.00000494	16.8	0.0000159	0.000274
2064 Jun	75.6	0.0863	0.4	0.0026	22.7	0.029	10.4	0.000904	0.000885	0.00000453	0.00545	0.00117	0.0178	0.0194	0.00000466	17	0.0000154	0.000277
2064 Jul	76.5	0.0865	0.403	0.00264	22.9	0.03	10.5	0.000936	0.000916	0.00000469	0.00563	0.00119	0.0181	0.0196	0.00000481	17.2	0.0000158	0.00028
2064 Aug	76.3	0.0856	0.395	0.00262	22.7	0.0308	10.4	0.000953	0.000934	0.00000477	0.0057	0.00121	0.0181	0.0197	0.0000049	17.3	0.0000156	0.000279
2064 Sep	73.9	0.0843	0.369	0.00251	21.9	0.0315	9.99	0.000947	0.000929	0.00000474	0.00572	0.00119	0.0177	0.0193	0.00000486	16.9	0.0000151	0.000272
2064 Oct	73.9	0.0855	0.368	0.00251	21.9	0.0318	10	0.00095	0.000932	0.00000476	0.00577	0.00119	0.0177	0.0192	0.00000487	16.9	0.0000151	0.000271
2064 Nov	74.2	0.0858	0.369	0.00251	22	0.0319	10.1	0.000953	0.000935	0.00000477	0.00579	0.00119	0.0178	0.0193	0.00000489	17	0.0000151	0.000272
2064 Dec	74.2	0.0858	0.37	0.00252	22	0.0319	10.1	0.000953	0.000935	0.00000477	0.00579	0.00119	0.0178	0.0193	0.00000489	17	0.0000151	0.000272
2065 Jan	74.2	0.0858	0.37	0.00252	22	0.0319	10.1	0.000953	0.000935	0.00000477	0.00579	0.00119	0.0178	0.0193	0.00000489	17	0.0000151	0.000272
2065 Feb	74.2	0.0858	0.37	0.00252	22	0.0319	10.1	0.000953	0.000935	0.00000477	0.00579	0.00119	0.0178	0.0193	0.00000489	17	0.0000151	0.000272
2065 Mar	74.3	0.0859	0.37	0.00252	22	0.032	10.1	0.000955	0.000936	0.00000478	0.0058	0.00119	0.0178	0.0193	0.0000049	17	0.0000152	0.000273
2065 Apr	74.5	0.0862	0.371	0.00253	22.1	0.0321	10.1	0.000958	0.000939	0.0000048	0.00582	0.0012	0.0179	0.0194	0.00000491	17.1	0.0000152	0.000273
2065 May	76.2	0.0863	0.359	0.00248	22.3	0.0317	10.1	0.000966	0.000949	0.00000484	0.00589	0.00124	0.0176	0.0207	0.00000495	18.1	0.0000156	0.000285
2065 Jun	75.2	0.0841	0.375	0.00252	22.3	0.0293	10.4	0.000914	0.000893	0.00000457	0.00551	0.00119	0.0177	0.0197	0.00000469	17.2	0.0000154	0.000279
2065 Jul	77.9	0.0875	0.401	0.00268	23.2	0.0307	10.9	0.000954	0.00093	0.00000476	0.00573	0.00122	0.0188	0.0198	0.0000049	17.4	0.000016	0.000286
2065 Aug	80.2	0.0898	0.409	0.00275	23.9	0.0321	11.2	0.000991	0.000967	0.00000495	0.00594	0.00126	0.0194	0.0204	0.00000509	17.9	0.0000164	0.000295
2065 Sep	77	0.0887	0.378	0.0026	22.8	0.0324	10.6	0.000976	0.000954	0.00000488	0.00596	0.00123	0.0186	0.0199	0.000005	17.5	0.0000159	0.000284
2065 Oct	73.1	0.0904	0.355	0.00247	21.7	0.0327	10.3	0.000937	0.000915	0.00000468	0.00588	0.00117	0.018	0.0185	0.0000048	16.5	0.000015	0.000266
2065 Nov	73.1	0.0914	0.357	0.00248	21.8	0.033	10.3	0.000934	0.000912	0.00000466	0.00587	0.00116	0.0181	0.0183	0.00000479	16.3	0.0000149	0.000264
2065 Dec	73.1	0.0915	0.357	0.00248	21.8	0.033	10.3	0.000934	0.000912	0.00000466	0.00587	0.00116	0.0181	0.0183	0.00000479	16.3	0.0000149	0.000264
2066 Jan	73.1	0.0915	0.358	0.00248	21.8	0.033	10.3	0.000934	0.000912	0.00000466	0.00587	0.00116	0.0181	0.0183	0.00000479	16.3	0.0000149	0.000264
2066 Feb	73.1	0.0915	0.358	0.00248	21.8	0.033	10.3	0.000935	0.000912	0.00000466	0.00587	0.00116	0.0181	0.0183	0.00000479	16.3	0.0000149	0.000264
2066 Mar	73.3	0.0917	0.358	0.00248	21.9	0.033	10.4	0.000936	0.000914	0.00000467	0.00588	0.00116	0.0182	0.0183	0.0000048	16.4	0.000015	0.000264
2066 Apr	73.4	0.0919	0.359	0.00249	21.9	0.0331	10.4	0.000938	0.000916	0.00000468	0.0059	0.00117	0.0182	0.0183	0.00000481	16.4	0.000015	0.000265
2066 May	74.2	0.0926	0.36	0.0025	22.1	0.0333	10.5	0.000947	0.000925	0.00000473	0.00596	0.00118	0.0183	0.0187	0.00000485	16.7	0.0000152	0.000269
2066 Jun	71.4	0.0832	0.365	0.0025	21.2	0.0299	10.3	0.000904	0.000878	0.0000045	0.00557	0.00112	0.0181	0.0172	0.00000463	15.4	0.0000153	0.00026
2066 Jul	73.8	0.085	0.386	0.00265	22	0.0313	10.8	0.000949	0.00092	0.00000472	0.0058	0.00115	0.0191	0.0173	0.00000486	15.5	0.000016	0.000267
2066 Aug	75.9	0.0871	0.394	0.00272	22.6	0.0326	11.1	0.000986	0.000957	0.0000049	0.00601	0.00119	0.0197	0.0179	0.00000505	16	0.0000164	0.000274
2066 Sep	75.4	0.0878	0.383	0.00267	22.4	0.0332	10.9	0.000991	0.000963	0.00000493	0.00609	0.0012	0.0195	0.0179	0.00000507	16.1	0.0000163	0.000273
2066 Oct	73.4	0.088	0.36	0.00256	21.6	0.0334	10.5	0.00098	0.000953	0.00000487	0.00614	0.00118	0.0189	0.0177	0.00000501	15.9	0.0000161	0.000267
2066 Nov	73	0.0881	0.356	0.00254	21.5	0.0334	10.4	0.000978	0.000952	0.00000487	0.00616	0.00117	0.0188	0.0176	0.000005	15.9	0.000016	0.000265
2066 Dec	73	0.0882	0.356	0.00254	21.5	0.0335	10.4	0.000979	0.000953	0.00000487	0.00616	0.00118	0.0188	0.0177	0.000005	15.9	0.000016	0.000265
2067 Jan	73	0.0882	0.356	0.00254	21.5	0.0335	10.4	0.000979	0.000953	0.00000487	0.00616	0.00118	0.0188	0.0177	0.000005	15.9	0.000016	0.000266
2067 Feb	73.1	0.0882	0.356	0.00254	21.5	0.0335	10.4	0.000979	0.000953	0.00000487	0.00616	0.00118	0.0188	0.0177	0.000005	15.9	0.000016	0.000266
2067 Mar	73.1	0.0883	0.357	0.00254	21.6	0.0335	10.4	0.00098	0.000954	0.00000488	0.00617	0.00118	0.0189	0.0177	0.00000501	15.9	0.000016	0.000266
2067 Apr	73.3	0.0885	0.357	0.00255	21.6	0.0336	10.5	0.000982	0.000956	0.00000489	0.00618	0.00118	0.0189	0.0177	0.00000502	15.9	0.0000161	0.000266

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 May	74.9	0.0884	0.345	0.0025	21.8	0.0332	10.4	0.000993	0.000968	0.00000494	0.00627	0.00122	0.0186	0.0191	0.00000507	17	0.0000165	0.000278
2067 Jun	75	0.084	0.328	0.00239	21.6	0.0305	10.3	0.000952	0.000927	0.00000473	0.00595	0.00123	0.0178	0.0201	0.00000486	17.6	0.0000164	0.000286
2067 Jul	77.8	0.0866	0.342	0.0025	22.4	0.032	10.7	0.000998	0.000971	0.00000496	0.00622	0.00128	0.0186	0.0206	0.00000509	18.1	0.0000171	0.000296
2067 Aug	77.9	0.0857	0.336	0.0025	22.4	0.033	10.7	0.00102	0.000995	0.00000508	0.00632	0.0013	0.0186	0.0209	0.00000521	18.3	0.000017	0.000295
2067 Sep	77.4	0.086	0.328	0.00247	22.2	0.0336	10.6	0.00103	0.001	0.00000511	0.00638	0.0013	0.0186	0.0208	0.00000524	18.3	0.0000169	0.000294
2067 Oct	74.5	0.0859	0.304	0.00234	21.3	0.0337	10.1	0.00101	0.000984	0.00000501	0.00638	0.00127	0.0178	0.0203	0.00000513	17.8	0.0000165	0.000284
2067 Nov	74	0.0862	0.298	0.00231	21.1	0.0338	9.95	0.00101	0.000982	0.000005	0.00641	0.00126	0.0177	0.0202	0.00000511	17.8	0.0000164	0.000282
2067 Dec	74	0.0863	0.298	0.00231	21.1	0.0338	9.96	0.00101	0.000983	0.000005	0.00642	0.00126	0.0177	0.0202	0.00000512	17.8	0.0000164	0.000282
2068 Jan	74	0.0863	0.298	0.00231	21.1	0.0338	9.96	0.00101	0.000983	0.000005	0.00642	0.00126	0.0177	0.0202	0.00000512	17.8	0.0000164	0.000282
2068 Feb	74	0.0863	0.298	0.00231	21.1	0.0338	9.96	0.00101	0.000983	0.00000501	0.00642	0.00126	0.0177	0.0202	0.00000512	17.8	0.0000164	0.000282
2068 Mar	74.2	0.0865	0.299	0.00231	21.1	0.0339	9.98	0.00101	0.000985	0.00000501	0.00643	0.00127	0.0177	0.0202	0.00000513	17.8	0.0000164	0.000282
2068 Apr	74.6	0.087	0.3	0.00233	21.3	0.0341	10	0.00101	0.000991	0.00000505	0.00647	0.00127	0.0178	0.0203	0.00000516	17.9	0.0000165	0.000284
2068 May	76.3	0.0874	0.297	0.00232	21.6	0.0337	10.2	0.00102	0.000994	0.00000506	0.00648	0.00131	0.0178	0.0214	0.00000517	18.7	0.0000168	0.000294
2068 Jun	75.3	0.0838	0.345	0.00246	22	0.0298	11	0.000916	0.000884	0.00000453	0.00558	0.0012	0.0184	0.0192	0.00000468	17	0.0000156	0.000281
2068 Jul	75.6	0.083	0.347	0.0025	22	0.0308	11.1	0.000947	0.000914	0.00000468	0.00575	0.00122	0.0188	0.019	0.00000483	16.8	0.000016	0.000282
2068 Aug	78.5	0.086	0.358	0.00259	22.8	0.0323	11.5	0.000991	0.000957	0.0000049	0.00601	0.00127	0.0195	0.0198	0.00000505	17.5	0.0000165	0.000292
2068 Sep	77.5	0.0865	0.344	0.00254	22.5	0.0329	11.2	0.000993	0.000961	0.00000491	0.00609	0.00127	0.0193	0.0197	0.00000506	17.5	0.0000164	0.000289
2068 Oct	77	0.0873	0.338	0.00251	22.3	0.0332	11.1	0.000995	0.000964	0.00000493	0.00616	0.00127	0.0192	0.0197	0.00000507	17.5	0.0000164	0.000288
2068 Nov	77.2	0.0875	0.338	0.00251	22.4	0.0333	11.1	0.000998	0.000966	0.00000494	0.00618	0.00127	0.0192	0.0198	0.00000508	17.5	0.0000165	0.000289
2068 Dec	77.3	0.0876	0.339	0.00251	22.4	0.0333	11.1	0.000999	0.000967	0.00000494	0.00618	0.00127	0.0192	0.0198	0.00000509	17.6	0.0000165	0.000289
2069 Jan	77.3	0.0876	0.339	0.00251	22.4	0.0333	11.1	0.000999	0.000967	0.00000494	0.00618	0.00127	0.0192	0.0198	0.00000509	17.6	0.0000165	0.000289
2069 Feb	77.3	0.0876	0.339	0.00251	22.4	0.0334	11.1	0.000999	0.000967	0.00000494	0.00618	0.00127	0.0192	0.0198	0.00000509	17.6	0.0000165	0.000289
2069 Mar	77.3	0.0876	0.339	0.00251	22.4	0.0334	11.1	0.000999	0.000967	0.00000494	0.00618	0.00127	0.0192	0.0198	0.00000509	17.6	0.0000165	0.000289
2069 Apr	77.4	0.0878	0.339	0.00252	22.4	0.0334	11.2	0.001	0.000969	0.00000495	0.00619	0.00127	0.0192	0.0198	0.0000051	17.6	0.0000165	0.000289
2069 May	78.7	0.089	0.343	0.00255	22.7	0.0339	11.3	0.00102	0.000984	0.00000503	0.00629	0.00129	0.0195	0.0202	0.00000517	17.9	0.0000168	0.000294
2069 Jun	73.1	0.0783	0.308	0.00236	20.7	0.0307	10.3	0.000975	0.000945	0.00000482	0.00612	0.00122	0.0182	0.0188	0.00000496	16.7	0.000017	0.000281
2069 Jul	74.6	0.0796	0.324	0.00246	21.2	0.0316	10.7	0.001	0.00097	0.00000495	0.00626	0.00123	0.019	0.0187	0.0000051	16.6	0.0000174	0.000284
2069 Aug	75.6	0.0802	0.323	0.00248	21.5	0.0327	10.8	0.00103	0.000996	0.00000508	0.0064	0.00126	0.0193	0.0191	0.00000523	16.9	0.0000175	0.000288
2069 Sep	73.4	0.0808	0.308	0.00239	20.9	0.033	10.5	0.00101	0.000976	0.00000498	0.00633	0.00123	0.0188	0.0185	0.00000512	16.6	0.0000169	0.000279
2069 Oct	72	0.0853	0.308	0.00237	20.8	0.0335	10.6	0.00097	0.000937	0.00000479	0.00617	0.00119	0.0188	0.0176	0.00000493	15.9	0.0000159	0.000267
2069 Nov	72	0.0865	0.308	0.00237	20.8	0.0338	10.7	0.000968	0.000936	0.00000478	0.00618	0.00119	0.0188	0.0175	0.00000492	15.9	0.0000158	0.000266
2069 Dec	72	0.0866	0.309	0.00237	20.8	0.0338	10.7	0.000969	0.000936	0.00000478	0.00619	0.00119	0.0188	0.0175	0.00000492	15.9	0.0000158	0.000266
2070 Jan	72	0.0866	0.309	0.00237	20.8	0.0338	10.7	0.000969	0.000936	0.00000478	0.00619	0.00119	0.0188	0.0175	0.00000492	15.9	0.0000158	0.000266
2070 Feb	72	0.0866	0.309	0.00237	20.8	0.0338	10.7	0.000969	0.000936	0.00000478	0.00619	0.00119	0.0188	0.0175	0.00000492	15.9	0.0000158	0.000266
2070 Mar	72.1	0.0866	0.309	0.00237	20.8	0.0338	10.7	0.000969	0.000936	0.00000479	0.00619	0.00119	0.0189	0.0175	0.00000493	15.9	0.0000158	0.000266
2070 Apr	72.3	0.0869	0.31	0.00238	20.9	0.0339	10.7	0.000972	0.00094	0.0000048	0.00621	0.00119	0.0189	0.0176	0.00000494	15.9	0.0000159	0.000267
2070 May	74.2	0.0876	0.308	0.00238	21.3	0.0337	10.9	0.000981	0.000948	0.00000484	0.00625	0.00123	0.0189	0.0187	0.00000498	16.8	0.0000162	0.000278
2070 Jun	76.7	0.0857	0.315	0.00239	22	0.0313	11.2	0.000953	0.000917	0.00000469	0.00593	0.00126	0.0187	0.0201	0.00000484	17.8	0.0000163	0.000292
2070 Jul	78.4	0.0868	0.32	0.00245	22.4	0.0323	11.4	0.000991	0.000954	0.00000488	0.00616	0.0013	0.0192	0.0205	0.00000503	18.2	0.0000169	0.000299
2070 Aug	79.8	0.088	0.323	0.00249	22.7	0.0335	11.6	0.00102	0.000985	0.00000503	0.00633	0.00133	0.0196	0.021	0.00000518	18.6	0.0000171	0.000304
2070 Sep	76.8	0.0879	0.299	0.00236	21.8	0.0338	11	0.001	0.000971	0.00000495	0.00635	0.0013	0.0188	0.0204	0.00000509	18.1	0.0000167	0.000293
2070 Oct	75.1	0.0896	0.296	0.00233	21.5	0.0341	10.9	0.000983	0.000948	0.00000484	0.00627	0.00126	0.0187	0.0195	0.00000498	17.4	0.0000161	0.000282
2070 Nov	75.2	0.0902	0.299	0.00235	21.5	0.0342	11	0.000982	0.000946	0.00000483	0.00626	0.00126	0.0188	0.0194	0.00000498	17.4	0.0000161	0.000282
2070 Dec	75.2	0.0902	0.299	0.00235	21.5	0.0342	11	0.000982	0.000947	0.00000483	0.00626	0.00126	0.0188	0.0194	0.00000498	17.4	0.0000161	0.000282
2071 Jan	75.2	0.0902	0.299	0.00235	21.5	0.0342	11	0.000982	0.000947	0.00000484	0.00626	0.00126	0.0188	0.0194	0.00000498	17.4	0.0000161	0.000282
2071 Feb	75.2	0.0902	0.299	0.00235	21.5	0.0342	11	0.000982	0.000947	0.00000484	0.00626	0.00126	0.0188	0.0194	0.00000498	17.4	0.0000161	0.000282
2071 Mar	75.2	0.0902	0.299	0.00235	21.5	0.0342	11	0.000982	0.000947	0.00000484	0.00626	0.00126	0.0188	0.0194	0.00000498	17.4	0.0000161	0.000282
2071 Apr	75.4	0.0903	0.3	0.00235	21.6	0.0342	11	0.000983	0.000948	0.00000484	0.00627	0.00126	0.0189	0.0195	0.00000499	17.4	0.0000161	0.000282
2071 May	76.8	0.09	0.296	0.00233	21.9	0.0335	11.1	0.000982	0.000947	0.00000484	0.00624	0.00129	0.0187	0.0205	0.00000498	18.2	0.0000163	0.000292
2071 Jun	76.8	0.0857	0.314	0.00239	22	0.0307	11.5	0.000939	0.000898	0.0000046	0.00578	0.00127	0.0188	0.0201	0.00000475	17.8	0.000016	0.000292
2071 Jul	77.6	0.0862	0.326	0.00248	22.3	0.0315	11.7	0.000964	0.00092	0.00000471	0.00591	0.00128	0.0195	0.0197	0.00000488	17.6	0.0000164	0.000293
2071 Aug	79.6	0.0882	0.332	0.00253	22.8	0.0327	12	0.000997	0.000952	0.00000488	0.0061	0.00132	0.02	0.0203	0.00000504	18.1	0.0000168	0.000301
2071 Sep	77.2	0.0869	0.31	0.00243	22	0.0331	11.4	0.000988	0.000947	0.00000484	0.0061	0.00129	0.0194	0.0199	0.000005	17.7	0.0000162	0.000293
2071 Oct	75.6	0.087	0.298	0.00236	21.5	0.0332	11.2	0.000978	0.000938	0.0000048	0.00611	0.00127	0.019	0.0196	0.00000495	17.5	0.000016	0.000287
2071 Nov	75.1	0.0878	0.295	0.00234	21.4	0.0335	11.1	0.000977	0.000937	0.00000479	0.00614	0.00127	0.0189	0.0195	0.00000494	17.4	0.000016	0.000285
2071 Dec	75.2	0.0878	0.295	0.00234	21.4	0.0335	11.1	0.000977	0.000938	0.00000479	0.00614	0.00127	0.0189	0.0195	0.00000494	17.4	0.000016	0.000285
2072 Jan	75.2	0.0878	0.295	0.00234	21.4	0.0335	11.1	0.000977	0.000938	0.00000479	0.00614	0.00127	0.0189	0.0195	0.00000494	17.4	0.000016	0.000285
2072 Feb	75.2	0.0879	0.295	0.00234	21.4	0.0335	11.1	0.000977	0.000938	0.00000479	0.00614	0.00127	0.0189	0.0195	0.00000494	17.4	0.000016	0.000285
2072 Mar	75.2	0.0879	0.295	0.00234	21.4	0.0335	11.1	0.000978	0.000938	0.00000479	0.00615	0.00127	0.0189	0.0195	0.00000494	17.4	0.000016	0.000285
2072 Apr	75.4	0.0881	0.295	0.00235	21.4	0.0336	11.1	0.00098	0.00094	0.0000048	0.00616	0.00127	0.019	0.0195	0.00000495	17.5	0.000016	0.000285
2072 May	76.4	0.0893	0.299	0.00238	21.7	0.034	11.3	0.000993	0.000953	0.00000487	0.00624	0.00129	0.0192	0.0198	0.00000502	17.7	0.0000162	0.000289
2072 Jun	72.1	0.0803	0.288	0.00232	20.3	0.032	10.7	0.000976	0.000936	0.00000478	0.00617	0.00122	0.0188	0.018	0.00000493	16.2	0.0000167	0.000276
2072 Jul	71.5	0.078	0.287	0.00233	20.1	0.0323	10.7	0.000991	0.000951	0.00000486	0.00622	0.00122	0.0189	0.0177	0.000005	15.9	0.0000167	0.000273
2072 Aug	71.2	0.0781	0.286	0.00233	20.1	0.0336	10.8	0.000988	0.000947	0.00000484	0.00607	0.00121	0.0192	0.0173	0.00000499	15.7	0.0000156	0.000269
2072 Sep	70.8	0.0798	0.287	0.00233	20.2	0.0343	10.9	0.000978	0.000935	0.00000478	0.00597	0.0012	0.0194	0.017	0.00000493	15.5	0.0000149	0.000265
2072 Oct	71	0.0846	0.298	0.00236	20.5	0.0345	11.2	0.000954	0.000908	0.00000465	0.00587	0.00118	0.0197	0.0165	0.00000481	15.2	0.0000145	0.00026
2072 Nov	71.1	0.0855	0.3	0.00237	20.6	0.0346	11.3	0.000952	0.000906	0.00000464	0.00587	0.00118	0.0197	0.0164	0.0000048	15.2	0.0000145	0.000259

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2072 Dec	71.1	0.0855	0.3	0.00237	20.6	0.0346	11.3	0.000953	0.000906	0.00000464	0.00587	0.00118	0.0197	0.0164	0.00000481	15.2	0.0000145	0.000259
2073 Jan	71.2	0.0855	0.3	0.00237	20.6	0.0346	11.3	0.000953	0.000906	0.00000464	0.00587	0.00118	0.0197	0.0164	0.00000481	15.2	0.0000145	0.000259
2073 Feb	71.2	0.0855	0.3	0.00237	20.6	0.0346	11.3	0.000953	0.000906	0.00000464	0.00587	0.00118	0.0197	0.0164	0.00000481	15.2	0.0000145	0.000259
2073 Mar	71.2	0.0856	0.3	0.00237	20.6	0.0346	11.3	0.000953	0.000906	0.00000464	0.00587	0.00118	0.0197	0.0164	0.00000481	15.2	0.0000145	0.000259
2073 Apr	71.6	0.086	0.302	0.00239	20.7	0.0348	11.4	0.000959	0.000912	0.00000467	0.00591	0.00119	0.0199	0.0165	0.00000484	15.3	0.0000146	0.000261
2073 May	74	0.0864	0.297	0.00237	21.2	0.034	11.5	0.000963	0.000916	0.00000469	0.00592	0.00124	0.0196	0.0182	0.00000485	16.5	0.000015	0.000276
2073 Jun	75.9	0.0843	0.3	0.00236	21.6	0.0313	11.7	0.000939	0.000889	0.00000456	0.00568	0.00127	0.0192	0.0195	0.00000473	17.4	0.0000155	0.000289
2073 Jul	77.1	0.0855	0.312	0.00245	22	0.0323	12	0.000964	0.00091	0.00000467	0.00578	0.00129	0.0199	0.0194	0.00000484	17.4	0.0000157	0.000291
2073 Aug	78.3	0.0863	0.313	0.00249	22.3	0.0334	12.2	0.000992	0.000938	0.00000481	0.00593	0.00132	0.0202	0.0198	0.00000499	17.7	0.0000159	0.000296
2073 Sep	76.7	0.0859	0.299	0.00241	21.7	0.0337	11.8	0.000988	0.000937	0.0000048	0.00596	0.00131	0.0198	0.0196	0.00000496	17.5	0.0000156	0.00029
2073 Oct	74.5	0.0868	0.286	0.00233	21.1	0.0339	11.4	0.00097	0.00092	0.00000471	0.00596	0.00127	0.0193	0.0189	0.00000487	17	0.0000152	0.00028
2073 Nov	74.4	0.0875	0.288	0.00234	21.2	0.034	11.5	0.000966	0.000915	0.00000469	0.00594	0.00127	0.0194	0.0187	0.00000485	16.9	0.0000151	0.000279
2073 Dec	74.4	0.0875	0.289	0.00234	21.2	0.034	11.5	0.000966	0.000916	0.00000469	0.00594	0.00127	0.0194	0.0187	0.00000485	16.9	0.0000151	0.000279
2074 Jan	74.4	0.0876	0.289	0.00235	21.2	0.034	11.5	0.000966	0.000916	0.00000469	0.00594	0.00127	0.0194	0.0187	0.00000485	16.9	0.0000151	0.000279
2074 Feb	74.5	0.0876	0.289	0.00235	21.2	0.034	11.5	0.000966	0.000916	0.00000469	0.00594	0.00127	0.0194	0.0187	0.00000485	16.9	0.0000151	0.000279
2074 Mar	74.5	0.0876	0.289	0.00235	21.2	0.034	11.5	0.000967	0.000916	0.00000469	0.00595	0.00127	0.0194	0.0187	0.00000486	16.9	0.0000151	0.000279
2074 Apr	74.8	0.088	0.29	0.00236	21.3	0.0342	11.6	0.000971	0.000921	0.00000471	0.00598	0.00127	0.0195	0.0188	0.00000488	17	0.0000152	0.00028
2074 May	77.4	0.0883	0.287	0.00234	21.9	0.0332	11.8	0.000972	0.000921	0.00000472	0.00595	0.00132	0.0194	0.0204	0.00000488	18.2	0.0000156	0.000296
2074 Jun	77.9	0.0857	0.305	0.0024	22.1	0.0305	12.3	0.000924	0.000864	0.00000444	0.00547	0.0013	0.0196	0.0201	0.00000462	17.9	0.0000153	0.000297
2074 Jul	80.2	0.0879	0.317	0.0025	22.7	0.0319	12.7	0.000964	0.000901	0.00000463	0.0057	0.00135	0.0205	0.0204	0.00000482	18.2	0.0000159	0.000305
2074 Aug	83.3	0.0912	0.328	0.0026	23.6	0.0334	13.2	0.00101	0.000942	0.00000484	0.00595	0.0014	0.0213	0.0213	0.00000504	19	0.0000165	0.000317
2074 Sep	80.4	0.0903	0.305	0.00247	22.7	0.0337	12.6	0.000995	0.000935	0.00000479	0.00598	0.00137	0.0205	0.0208	0.00000498	18.6	0.000016	0.000307
2074 Oct	78.3	0.0906	0.288	0.00238	22	0.0339	12.1	0.000987	0.00093	0.00000476	0.00605	0.00134	0.0199	0.0204	0.00000494	18.3	0.0000159	0.000299
2074 Nov	78.2	0.0907	0.287	0.00238	22	0.034	12.1	0.000987	0.000931	0.00000477	0.00606	0.00134	0.0199	0.0204	0.00000494	18.3	0.0000159	0.000299
2074 Dec	78.3	0.0907	0.288	0.00238	22	0.034	12.1	0.000988	0.000931	0.00000477	0.00606	0.00134	0.0199	0.0204	0.00000494	18.3	0.0000159	0.000299
2075 Jan	78.3	0.0908	0.288	0.00238	22	0.034	12.1	0.000988	0.000931	0.00000477	0.00606	0.00134	0.0199	0.0204	0.00000494	18.3	0.0000159	0.000299
2075 Feb	78.3	0.0908	0.288	0.00238	22	0.034	12.1	0.000988	0.000931	0.00000477	0.00607	0.00135	0.0199	0.0204	0.00000494	18.3	0.0000159	0.000299
2075 Mar	78.4	0.0908	0.288	0.00238	22.1	0.034	12.1	0.000989	0.000932	0.00000477	0.00607	0.00135	0.0199	0.0204	0.00000495	18.3	0.0000159	0.000299
2075 Apr	78.7	0.0912	0.289	0.00239	22.2	0.0342	12.2	0.000993	0.000936	0.00000479	0.0061	0.00135	0.02	0.0205	0.00000497	18.4	0.0000159	0.000301
2075 May	79.8	0.0917	0.287	0.00239	22.4	0.0342	12.2	0.001	0.000947	0.00000485	0.00617	0.00138	0.02	0.0212	0.00000502	18.9	0.0000162	0.000307
2075 Jun	72.8	0.0797	0.279	0.00232	20.3	0.0314	11.6	0.000958	0.000899	0.00000461	0.00589	0.00125	0.0196	0.0178	0.00000479	16.1	0.0000162	0.00028
2075 Jul	72.7	0.0783	0.293	0.00241	20.3	0.0315	11.9	0.000966	0.000901	0.00000463	0.00586	0.00123	0.0203	0.0168	0.00000482	15.4	0.0000163	0.000276
2075 Aug	73.4	0.0787	0.291	0.00242	20.5	0.0325	12	0.000988	0.000924	0.00000474	0.00597	0.00126	0.0205	0.0172	0.00000493	15.7	0.0000163	0.000279
2075 Sep	73.8	0.0796	0.289	0.00242	20.5	0.033	12	0.000999	0.000935	0.0000048	0.00606	0.00127	0.0206	0.0173	0.00000498	15.8	0.0000164	0.00028
2075 Oct	72.8	0.0802	0.28	0.00237	20.2	0.0333	11.7	0.000995	0.000933	0.00000478	0.0061	0.00126	0.0202	0.0172	0.00000496	15.8	0.0000163	0.000277
2075 Nov	72.8	0.0806	0.279	0.00237	20.2	0.0334	11.7	0.000996	0.000935	0.00000479	0.00613	0.00126	0.0202	0.0173	0.00000497	15.8	0.0000163	0.000277
2075 Dec	72.9	0.0806	0.279	0.00237	20.3	0.0334	11.7	0.000997	0.000936	0.00000479	0.00613	0.00126	0.0202	0.0173	0.00000497	15.8	0.0000163	0.000277
2076 Jan	72.9	0.0806	0.279	0.00237	20.3	0.0334	11.7	0.000997	0.000936	0.00000479	0.00613	0.00126	0.0202	0.0173	0.00000497	15.8	0.0000163	0.000277
2076 Feb	72.9	0.0806	0.279	0.00237	20.3	0.0334	11.7	0.000997	0.000936	0.0000048	0.00613	0.00126	0.0202	0.0173	0.00000498	15.8	0.0000163	0.000277
2076 Mar	72.9	0.0807	0.28	0.00237	20.3	0.0334	11.7	0.000998	0.000937	0.0000048	0.00614	0.00126	0.0203	0.0173	0.00000498	15.8	0.0000163	0.000277
2076 Apr	73.1	0.0809	0.28	0.00238	20.3	0.0335	11.7	0.001	0.000939	0.00000481	0.00615	0.00127	0.0203	0.0173	0.00000499	15.9	0.0000164	0.000278
2076 May	74.7	0.0811	0.271	0.00234	20.6	0.0331	11.7	0.00101	0.00095	0.00000486	0.00623	0.00131	0.0199	0.0187	0.00000503	16.9	0.0000168	0.000289
2076 Jun	75.8	0.0794	0.269	0.00228	20.9	0.0304	11.9	0.000953	0.000891	0.00000457	0.00577	0.00131	0.0194	0.0197	0.00000475	17.5	0.0000163	0.000297
2076 Jul	77.3	0.0812	0.286	0.0024	21.4	0.0314	12.5	0.000976	0.000908	0.00000466	0.00585	0.00133	0.0204	0.0193	0.00000486	17.4	0.0000165	0.000299
2076 Aug	79.6	0.0833	0.292	0.00246	22	0.0328	12.8	0.00101	0.000943	0.00000484	0.00606	0.00137	0.021	0.02	0.00000504	17.9	0.0000169	0.000308
2076 Sep	79.8	0.0843	0.289	0.00246	22.1	0.0333	12.8	0.00102	0.000954	0.00000489	0.00615	0.00138	0.021	0.0201	0.00000509	18.1	0.000017	0.000309
2076 Oct	77.3	0.0843	0.272	0.00235	21.3	0.0334	12.2	0.00101	0.000942	0.00000483	0.00616	0.00135	0.0203	0.0197	0.00000501	17.7	0.0000166	0.0003
2076 Nov	76.8	0.0845	0.269	0.00233	21.2	0.0334	12.1	0.001	0.000941	0.00000482	0.00618	0.00134	0.0202	0.0196	0.000005	17.7	0.0000166	0.000298
2076 Dec	76.9	0.0845	0.269	0.00233	21.2	0.0335	12.1	0.00101	0.000941	0.00000482	0.00618	0.00134	0.0202	0.0196	0.000005	17.7	0.0000166	0.000298
2077 Jan	76.9	0.0845	0.269	0.00233	21.2	0.0335	12.1	0.00101	0.000941	0.00000482	0.00618	0.00134	0.0202	0.0196	0.000005	17.7	0.0000166	0.000298
2077 Feb	76.9	0.0845	0.269	0.00233	21.2	0.0335	12.1	0.00101	0.000942	0.00000482	0.00618	0.00134	0.0202	0.0196	0.000005	17.7	0.0000166	0.000298
2077 Mar	76.9	0.0845	0.269	0.00234	21.2	0.0335	12.1	0.00101	0.000942	0.00000482	0.00618	0.00134	0.0202	0.0196	0.00000501	17.7	0.0000166	0.000298
2077 Apr	77.1	0.0848	0.27	0.00234	21.3	0.0336	12.2	0.00101	0.000945	0.00000484	0.0062	0.00135	0.0203	0.0197	0.00000502	17.7	0.0000166	0.000299
2077 May	78.3	0.085	0.265	0.00232	21.5	0.0333	12.2	0.00101	0.00095	0.00000486	0.00623	0.00138	0.0201	0.0206	0.00000504	18.4	0.0000169	0.000307
2077 Jun	77.5	0.0806	0.262	0.00227	21.2	0.0306	12.2	0.000963	0.000897	0.0000046	0.00583	0.00135	0.0196	0.0205	0.00000478	18.2	0.0000165	0.000306
2077 Jul	79.1	0.0813	0.265	0.00232	21.5	0.0315	12.4	0.001	0.000936	0.0000048	0.00611	0.00138	0.0202	0.0209	0.00000498	18.6	0.0000173	0.000314
2077 Aug	81.6	0.0837	0.271	0.00239	22.2	0.0329	12.8	0.00104	0.000973	0.00000498	0.00633	0.00143	0.0208	0.0216	0.00000517	19.2	0.0000178	0.000324
2077 Sep	77.2	0.0822	0.246	0.00223	21	0.0331	11.9	0.00101	0.000952	0.00000487	0.00626	0.00137	0.0197	0.0206	0.00000504	18.4	0.0000168	0.000307
2077 Oct	76.4	0.0836	0.243	0.00221	20.8	0.0335	11.8	0.00101	0.000946	0.00000484	0.00628	0.00136	0.0196	0.0203	0.00000501	18.2	0.0000166	0.000302
2077 Nov	76.6	0.0838	0.243	0.00222	20.8	0.0336	11.8	0.00101	0.000948	0.00000485	0.00629	0.00136	0.0197	0.0203	0.00000502	18.2	0.0000167	0.000302
2077 Dec	76.6	0.0838	0.243	0.00222	20.8	0.0336	11.9	0.00101	0.000949	0.00000485	0.00629	0.00136	0.0197	0.0203	0.00000502	18.2	0.0000167	0.000303
2078 Jan	76.6	0.0839	0.243	0.00222	20.8	0.0336	11.9	0.00101	0.000949	0.00000485	0.0063	0.00136	0.0197	0.0203	0.00000502	18.2	0.0000167	0.000303
2078 Feb	76.6	0.0839	0.243	0.00222	20.8	0.0336	11.9	0.00101	0.000949	0.00000485	0.0063	0.00136	0.0197	0.0203	0.00000502	18.2	0.0000167	0.000303
2078 Mar	76.7	0.0839	0.243	0.00222	20.8	0.0336	11.9	0.00101	0.000949	0.00000485	0.0063	0.00136	0.0197	0.0203	0.00000503	18.2	0.0000167	0.000303
2078 Apr	77.1	0.0844	0.245	0.00223	21	0.0338	11.9	0.00102	0.000954	0.00000488	0.00633	0.00137	0.0198	0.0205	0.00000505	18.3	0.0000168	0.000304
2078 May	79.9	0.0847	0.244	0.00222	21.7	0.0325	12.2	0.001	0.000941	0.00000481	0.00618	0.00142	0.0196	0.0222	0.00000499	19.6	0.0000169	0.00032
2078 Jun	80.8	0.0843	0.273	0.00233	22.2	0.0307	13.2	0.000955	0.000878	0.00000452	0.00565	0.0014	0.0204	0.0213	0.00000472	19	0.0000162	0.000318

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Jul	83.1	0.0863	0.281	0.00241	22.8	0.032	13.6	0.000995	0.000916	0.00000471	0.00587	0.00144	0.0211	0.0219	0.00000492	19.5	0.0000167	0.000326
2078 Aug	83.2	0.0858	0.277	0.00241	22.8	0.033	13.5	0.00102	0.000939	0.00000482	0.00597	0.00146	0.0211	0.022	0.00000503	19.6	0.0000167	0.000326
2078 Sep	83	0.0861	0.271	0.00239	22.7	0.0336	13.4	0.00103	0.000949	0.00000487	0.00605	0.00147	0.0211	0.0221	0.00000507	19.7	0.0000166	0.000326
2078 Oct	81.7	0.0863	0.263	0.00234	22.3	0.0338	13.1	0.00102	0.000945	0.00000484	0.00608	0.00145	0.0207	0.0218	0.00000504	19.5	0.0000165	0.000321
2078 Nov	81.5	0.0865	0.261	0.00233	22.2	0.0338	13	0.00102	0.000946	0.00000485	0.00609	0.00145	0.0207	0.0218	0.00000504	19.4	0.0000165	0.00032
2078 Dec	81.5	0.0866	0.262	0.00233	22.3	0.0338	13	0.00102	0.000946	0.00000485	0.0061	0.00145	0.0207	0.0218	0.00000504	19.4	0.0000165	0.00032
2079 Jan	81.5	0.0866	0.262	0.00233	22.3	0.0338	13	0.00102	0.000946	0.00000485	0.0061	0.00145	0.0207	0.0218	0.00000505	19.4	0.0000165	0.00032
2079 Feb	81.5	0.0866	0.262	0.00233	22.3	0.0338	13	0.00102	0.000946	0.00000485	0.0061	0.00145	0.0207	0.0218	0.00000505	19.4	0.0000165	0.00032
2079 Mar	81.6	0.0866	0.262	0.00234	22.3	0.0339	13	0.00102	0.000946	0.00000485	0.0061	0.00145	0.0207	0.0218	0.00000505	19.5	0.0000165	0.00032
2079 Apr	81.8	0.0869	0.263	0.00234	22.3	0.034	13.1	0.00102	0.000949	0.00000487	0.00612	0.00145	0.0208	0.0219	0.00000506	19.5	0.0000165	0.000321
2079 May	82.9	0.0879	0.264	0.00236	22.6	0.0343	13.2	0.00104	0.000962	0.00000493	0.0062	0.00147	0.0209	0.0223	0.00000513	19.9	0.0000168	0.000326
2079 Jun	76.6	0.0775	0.249	0.00224	20.6	0.0309	12.4	0.000977	0.000902	0.00000463	0.00588	0.00136	0.02	0.0198	0.00000482	17.8	0.0000167	0.000304
2079 Jul	76.3	0.0766	0.258	0.0023	20.6	0.0313	12.7	0.000989	0.000911	0.00000468	0.00592	0.00135	0.0206	0.019	0.00000488	17.2	0.0000168	0.0003
2079 Aug	77.9	0.0777	0.26	0.00235	21	0.0326	12.9	0.00102	0.000943	0.00000484	0.00609	0.00139	0.021	0.0195	0.00000504	17.6	0.0000171	0.000306
2079 Sep	76.1	0.0782	0.247	0.00227	20.5	0.033	12.4	0.00102	0.000941	0.00000482	0.00614	0.00136	0.0205	0.0192	0.00000501	17.4	0.0000168	0.000299
2079 Oct	75	0.0796	0.241	0.00223	20.2	0.0333	12.3	0.00101	0.000933	0.00000478	0.00616	0.00135	0.0202	0.019	0.00000497	17.2	0.0000165	0.000294
2079 Nov	74.9	0.0807	0.241	0.00223	20.2	0.0335	12.3	0.001	0.000928	0.00000476	0.00615	0.00134	0.0203	0.0188	0.00000495	17.1	0.0000164	0.000292
2079 Dec	74.8	0.0813	0.241	0.00223	20.2	0.0336	12.3	0.001	0.000926	0.00000475	0.00615	0.00134	0.0203	0.0187	0.00000494	17	0.0000163	0.000291
2080 Jan	74.8	0.0813	0.241	0.00223	20.2	0.0336	12.3	0.001	0.000926	0.00000475	0.00615	0.00134	0.0203	0.0187	0.00000494	17	0.0000163	0.000291
2080 Feb	74.8	0.0813	0.241	0.00223	20.2	0.0336	12.3	0.001	0.000926	0.00000475	0.00615	0.00134	0.0203	0.0187	0.00000494	17	0.0000163	0.000291
2080 Mar	74.8	0.0813	0.241	0.00223	20.2	0.0336	12.3	0.001	0.000926	0.00000475	0.00615	0.00134	0.0203	0.0187	0.00000494	17	0.0000163	0.000291
2080 Apr	75	0.0815	0.241	0.00223	20.3	0.0337	12.4	0.001	0.000928	0.00000476	0.00616	0.00134	0.0204	0.0188	0.00000495	17.1	0.0000164	0.000292
2080 May	76.1	0.0826	0.244	0.00226	20.6	0.0341	12.5	0.00102	0.000941	0.00000482	0.00625	0.00136	0.0206	0.0191	0.00000502	17.3	0.0000166	0.000296
2080 Jun	72.7	0.0754	0.241	0.00223	19.5	0.0321	12.2	0.000993	0.000915	0.00000469	0.0061	0.0013	0.0204	0.0174	0.00000489	16	0.0000168	0.000285
2080 Jul	72.1	0.073	0.245	0.00226	19.3	0.0321	12.3	0.000997	0.000917	0.0000047	0.00605	0.00129	0.0207	0.0168	0.00000491	15.5	0.0000168	0.000281
2080 Aug	72.3	0.0726	0.241	0.00226	19.3	0.0331	12.2	0.00102	0.000938	0.00000481	0.00614	0.00131	0.0207	0.0171	0.00000501	15.7	0.0000167	0.000281
2080 Sep	71.4	0.0731	0.233	0.00222	19.1	0.0336	12	0.00101	0.000936	0.0000048	0.00613	0.0013	0.0205	0.017	0.00000499	15.6	0.0000162	0.000277
2080 Oct	71.7	0.076	0.236	0.00223	19.3	0.034	12.2	0.00101	0.000927	0.00000475	0.00611	0.0013	0.0207	0.0169	0.00000495	15.6	0.000016	0.000276
2080 Nov	71.9	0.0778	0.238	0.00223	19.4	0.0343	12.4	0.001	0.00092	0.00000472	0.0061	0.0013	0.0208	0.0168	0.00000492	15.6	0.0000159	0.000275
2080 Dec	71.9	0.0779	0.238	0.00223	19.4	0.0343	12.4	0.001	0.00092	0.00000472	0.0061	0.0013	0.0208	0.0168	0.00000492	15.6	0.0000159	0.000276
2081 Jan	71.9	0.0779	0.238	0.00223	19.4	0.0343	12.4	0.001	0.00092	0.00000472	0.0061	0.0013	0.0208	0.0168	0.00000492	15.6	0.0000159	0.000276
2081 Feb	71.9	0.0779	0.238	0.00223	19.4	0.0343	12.4	0.001	0.000921	0.00000472	0.0061	0.0013	0.0208	0.0168	0.00000492	15.6	0.0000159	0.000276
2081 Mar	72	0.078	0.238	0.00223	19.4	0.0343	12.4	0.001	0.000921	0.00000472	0.0061	0.0013	0.0208	0.0168	0.00000492	15.6	0.0000159	0.000276
2081 Apr	72.2	0.0782	0.239	0.00224	19.5	0.0344	12.4	0.001	0.000924	0.00000474	0.00612	0.0013	0.0208	0.0168	0.00000494	15.7	0.0000159	0.000277
2081 May	75.5	0.0794	0.234	0.00221	20.2	0.0335	12.6	0.00101	0.000928	0.00000476	0.00612	0.00137	0.0205	0.019	0.00000495	17.3	0.0000164	0.000296
2081 Jun	78.2	0.0803	0.247	0.00226	21	0.0319	13.3	0.000983	0.000894	0.0000046	0.00583	0.0014	0.0209	0.0199	0.00000481	18	0.0000163	0.000308
2081 Jul	81.7	0.0837	0.261	0.00238	22	0.0334	13.9	0.00103	0.000937	0.00000482	0.0061	0.00146	0.0219	0.0206	0.00000504	18.7	0.0000171	0.000321
2081 Aug	85	0.0871	0.27	0.00248	22.8	0.035	14.5	0.00108	0.00098	0.00000504	0.00637	0.00152	0.0228	0.0215	0.00000527	19.5	0.0000178	0.000334
2081 Sep	83.7	0.0868	0.26	0.00242	22.5	0.0355	14.1	0.00108	0.000983	0.00000505	0.00641	0.00151	0.0225	0.0213	0.00000527	19.3	0.0000175	0.00033
2081 Oct	83	0.0873	0.255	0.00239	22.3	0.0356	13.9	0.00107	0.000983	0.00000504	0.00645	0.0015	0.0222	0.0212	0.00000526	19.3	0.0000174	0.000327
2081 Nov	81.8	0.0872	0.248	0.00234	21.9	0.0356	13.6	0.00106	0.000976	0.00000501	0.00644	0.00148	0.0219	0.021	0.00000522	19	0.0000172	0.000322
2081 Dec	81.7	0.0872	0.247	0.00234	21.9	0.0356	13.6	0.00106	0.000976	0.00000501	0.00645	0.00148	0.0218	0.021	0.00000522	19	0.0000172	0.000322
2082 Jan	81.7	0.0872	0.247	0.00234	21.9	0.0356	13.6	0.00106	0.000976	0.00000501	0.00645	0.00148	0.0218	0.021	0.00000522	19	0.0000172	0.000322
2082 Feb	81.7	0.0872	0.247	0.00234	21.9	0.0356	13.6	0.00106	0.000976	0.00000501	0.00645	0.00148	0.0218	0.021	0.00000522	19	0.0000172	0.000322
2082 Mar	81.7	0.0873	0.247	0.00234	21.9	0.0356	13.6	0.00107	0.000977	0.00000501	0.00645	0.00148	0.0219	0.021	0.00000522	19.1	0.0000172	0.000322
2082 Apr	81.9	0.0875	0.248	0.00235	21.9	0.0357	13.6	0.00107	0.000979	0.00000502	0.00647	0.00148	0.0219	0.0211	0.00000524	19.1	0.0000173	0.000323
2082 May	82.9	0.0886	0.251	0.00238	22.2	0.0361	13.8	0.00108	0.000991	0.00000508	0.00655	0.0015	0.0222	0.0213	0.0000053	19.3	0.0000175	0.000327
2082 Jun	74.3	0.075	0.231	0.00222	19.6	0.0325	12.6	0.00102	0.000934	0.00000479	0.00624	0.00135	0.0209	0.0181	0.000005	16.6	0.0000173	0.000295
2082 Jul	73.3	0.0724	0.243	0.00229	19.4	0.0321	13	0.00101	0.000914	0.0000047	0.00606	0.00132	0.0216	0.0166	0.00000492	15.5	0.0000171	0.000287
2082 Aug	74.8	0.0738	0.246	0.00233	19.8	0.0333	13.2	0.00104	0.000945	0.00000486	0.00623	0.00136	0.022	0.0171	0.00000508	15.9	0.0000174	0.000293
2082 Sep	74.9	0.0747	0.242	0.00232	19.8	0.0339	13.1	0.00105	0.000956	0.00000491	0.00632	0.00136	0.022	0.0172	0.00000513	16	0.0000174	0.000294
2082 Oct	71.9	0.0751	0.224	0.0022	18.9	0.0338	12.4	0.00102	0.000936	0.0000048	0.0063	0.00132	0.0209	0.0168	0.00000501	15.7	0.0000168	0.000282
2082 Nov	72	0.0753	0.223	0.0022	19	0.0339	12.4	0.00103	0.000938	0.00000481	0.00631	0.00132	0.021	0.0169	0.00000501	15.7	0.0000169	0.000282
2082 Dec	72	0.0754	0.223	0.0022	19	0.0339	12.4	0.00103	0.000939	0.00000481	0.00632	0.00132	0.021	0.0169	0.00000502	15.7	0.0000169	0.000282
2083 Jan	72	0.0754	0.223	0.0022	19	0.0339	12.4	0.00103	0.000939	0.00000481	0.00632	0.00132	0.021	0.0169	0.00000502	15.7	0.0000169	0.000282
2083 Feb	72	0.0754	0.224	0.0022	19	0.0339	12.4	0.00103	0.000939	0.00000482	0.00632	0.00132	0.021	0.0169	0.00000502	15.7	0.0000169	0.000282
2083 Mar	72.1	0.0755	0.224	0.0022	19	0.0339	12.4	0.00103	0.00094	0.00000482	0.00632	0.00132	0.021	0.0169	0.00000502	15.7	0.0000169	0.000283
2083 Apr	72.3	0.0757	0.224	0.00221	19.1	0.034	12.5	0.00103	0.000943	0.00000484	0.00635	0.00133	0.0211	0.0169	0.00000504	15.8	0.000017	0.000284
2083 May	75	0.0769	0.221	0.00219	19.7	0.0335	12.6	0.00103	0.000949	0.00000486	0.00636	0.00138	0.0208	0.0187	0.00000506	17.1	0.0000173	0.000299
2083 Jun	77.8	0.0774	0.235	0.00222	20.5	0.0311	13.5	0.000986	0.000888	0.00000457	0.00584	0.00141	0.0211	0.0196	0.00000479	17.8	0.0000167	0.00031
2083 Jul	78.8	0.0781	0.245	0.00231	20.8	0.0322	13.9	0.00101	0.000909	0.00000468	0.00595	0.00143	0.0219	0.0194	0.00000491	17.7	0.000017	0.000312
2083 Aug	77.6	0.0756	0.234	0.00227	20.4	0.0332	13.5	0.00103	0.00093	0.00000478	0.00599	0.00143	0.0214	0.0194	0.000005	17.6	0.0000165	0.000305
2083 Sep	76.3	0.0772	0.227	0.00222	20.1	0.0337	13.2	0.00102	0.000926	0.00000475	0.00603	0.00141	0.0211	0.0191	0.00000497	17.4	0.0000163	0.0003
2083 Oct	75.2	0.081	0.229	0.00222	20	0.0342	13.4	0.000999	0.0009	0.00000463	0.00596	0.00138	0.0213	0.0181	0.00000485	16.7	0.0000157	0.000291
2083 Nov	75.2	0.0821	0.231	0.00223	20	0.0344	13.5	0.000994	0.000893	0.00000459	0.00594	0.00137	0.0215	0.0179	0.00000482	16.6	0.0000156	0.000289
2083 Dec	75.2	0.0821	0.231	0.00223	20	0.0344	13.5	0.000994	0.000893	0.00000459	0.00594	0.00137	0.0215	0.0179	0.00000482	16.6	0.0000156	0.000289
2084 Jan	75.2	0.0821	0.231	0.00223	20	0.0344	13.5	0.000995	0.000893	0.00000459	0.00594	0.00137	0.0215	0.0179	0.00000482	16.6	0.0000156	0.000289

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Feb	75.2	0.0821	0.231	0.00223	20.1	0.0344	13.5	0.000995	0.000893	0.0000046	0.00594	0.00137	0.0215	0.0179	0.00000482	16.6	0.0000156	0.000289
2084 Mar	75.2	0.0822	0.231	0.00223	20.1	0.0344	13.6	0.000995	0.000894	0.0000046	0.00595	0.00138	0.0215	0.0179	0.00000483	16.6	0.0000156	0.000289
2084 Apr	75.6	0.0826	0.233	0.00224	20.2	0.0346	13.6	0.001	0.000898	0.00000462	0.00598	0.00138	0.0216	0.018	0.00000485	16.7	0.0000157	0.000291
2084 May	78.3	0.0829	0.225	0.0022	20.7	0.0337	13.6	0.00101	0.000908	0.00000467	0.00602	0.00144	0.0211	0.0201	0.00000489	18.2	0.0000162	0.000309
2084 Jun	78.9	0.0804	0.236	0.00223	20.8	0.0313	14.1	0.00097	0.000858	0.00000443	0.00561	0.00144	0.0214	0.0199	0.00000467	18.1	0.000016	0.000312
2084 Jul	80.4	0.0813	0.243	0.0023	21.2	0.0324	14.5	0.001	0.000887	0.00000457	0.00578	0.00147	0.0221	0.02	0.00000482	18.2	0.0000164	0.000317
2084 Aug	81.7	0.0824	0.244	0.00234	21.5	0.0335	14.6	0.00103	0.000914	0.00000471	0.00593	0.0015	0.0225	0.0204	0.00000496	18.6	0.0000166	0.000322
2084 Sep	80.2	0.0819	0.235	0.00228	21.1	0.0338	14.2	0.00103	0.000915	0.00000471	0.00595	0.00148	0.022	0.0202	0.00000495	18.5	0.0000163	0.000317
2084 Oct	78	0.0826	0.223	0.0022	20.5	0.034	13.7	0.00101	0.000906	0.00000466	0.00599	0.00145	0.0214	0.0197	0.00000489	18	0.000016	0.000307
2084 Nov	77.5	0.0833	0.222	0.0022	20.4	0.0342	13.7	0.00101	0.000901	0.00000463	0.00598	0.00144	0.0214	0.0195	0.00000486	17.9	0.0000159	0.000304
2084 Dec	77.6	0.0833	0.222	0.0022	20.5	0.0342	13.7	0.00101	0.000901	0.00000464	0.00598	0.00144	0.0214	0.0195	0.00000486	17.9	0.0000159	0.000305
2085 Jan	77.6	0.0833	0.222	0.0022	20.5	0.0342	13.7	0.00101	0.000901	0.00000464	0.00598	0.00144	0.0214	0.0195	0.00000486	17.9	0.0000159	0.000305
2085 Feb	77.6	0.0833	0.222	0.0022	20.5	0.0342	13.7	0.00101	0.000901	0.00000464	0.00598	0.00144	0.0214	0.0195	0.00000486	17.9	0.0000159	0.000305
2085 Mar	77.6	0.0834	0.222	0.0022	20.5	0.0342	13.7	0.00101	0.000902	0.00000464	0.00599	0.00144	0.0214	0.0195	0.00000486	17.9	0.0000159	0.000305
2085 Apr	77.8	0.0836	0.223	0.0022	20.5	0.0343	13.7	0.00101	0.000904	0.00000465	0.006	0.00144	0.0215	0.0195	0.00000488	17.9	0.0000159	0.000306
2085 May	79.9	0.0836	0.218	0.00217	20.9	0.0335	13.7	0.00101	0.000909	0.00000467	0.00602	0.00148	0.0211	0.0211	0.00000489	19.1	0.0000163	0.000319
2085 Jun	81.5	0.0826	0.223	0.00219	21.3	0.0321	14.2	0.000999	0.000889	0.00000458	0.00584	0.0015	0.0213	0.0216	0.00000481	19.5	0.0000165	0.000327
2085 Jul	83.6	0.0841	0.227	0.00225	21.8	0.0334	14.5	0.00104	0.000925	0.00000476	0.00606	0.00155	0.0219	0.0222	0.000005	20	0.000017	0.000336
2085 Aug	81.7	0.0818	0.217	0.0022	21.3	0.0339	14	0.00104	0.000933	0.00000479	0.00605	0.00153	0.0214	0.0219	0.00000502	19.7	0.0000164	0.000328
2085 Sep	79.5	0.0822	0.212	0.00216	20.8	0.0344	13.8	0.00102	0.000916	0.00000471	0.00598	0.00149	0.0213	0.0209	0.00000493	19	0.0000158	0.000317
2085 Oct	78.8	0.0843	0.217	0.00218	20.8	0.0347	14.1	0.00101	0.000896	0.00000461	0.00591	0.00147	0.0217	0.0199	0.00000485	18.3	0.0000155	0.00031
2085 Nov	78.5	0.0852	0.22	0.00219	20.7	0.0349	14.3	0.001	0.000887	0.00000457	0.00588	0.00146	0.0219	0.0195	0.00000481	18	0.0000153	0.000306
2085 Dec	78.5	0.0852	0.22	0.00219	20.7	0.0349	14.3	0.001	0.000887	0.00000457	0.00588	0.00146	0.0219	0.0195	0.00000481	18	0.0000153	0.000306
2086 Jan	78.5	0.0852	0.22	0.00219	20.7	0.0349	14.3	0.001	0.000887	0.00000457	0.00588	0.00146	0.0219	0.0195	0.00000481	18	0.0000153	0.000306
2086 Feb	78.5	0.0852	0.22	0.00219	20.7	0.0349	14.3	0.001	0.000887	0.00000457	0.00588	0.00146	0.0219	0.0195	0.00000481	18	0.0000153	0.000306
2086 Mar	78.6	0.0853	0.22	0.00219	20.7	0.0349	14.3	0.001	0.000887	0.00000457	0.00588	0.00146	0.0219	0.0195	0.00000481	18	0.0000153	0.000307
2086 Apr	78.9	0.0856	0.221	0.0022	20.8	0.035	14.3	0.00101	0.000891	0.00000459	0.0059	0.00146	0.022	0.0196	0.00000483	18.1	0.0000154	0.000308
2086 May	80.2	0.0863	0.219	0.0022	21.1	0.0351	14.3	0.00102	0.000904	0.00000465	0.00599	0.00149	0.0219	0.0204	0.00000489	18.7	0.0000157	0.000315
2086 Jun	78.8	0.0796	0.221	0.00218	20.5	0.0319	14.4	0.000982	0.000861	0.00000444	0.00567	0.00146	0.0218	0.0197	0.00000469	18.1	0.000016	0.000314
2086 Jul	80.3	0.0802	0.233	0.00229	20.9	0.0331	15	0.00102	0.000888	0.00000458	0.00583	0.00149	0.0229	0.0194	0.00000485	17.9	0.0000165	0.000318
2086 Aug	80.6	0.08	0.23	0.00229	20.9	0.0341	14.9	0.00104	0.000912	0.0000047	0.00594	0.00151	0.0229	0.0196	0.00000496	18.1	0.0000164	0.000318
2086 Sep	78.5	0.0792	0.217	0.00222	20.4	0.0346	14.3	0.00103	0.000914	0.00000471	0.00596	0.00148	0.0223	0.0193	0.00000495	17.9	0.0000159	0.000311
2086 Oct	77.8	0.0799	0.212	0.00219	20.2	0.0348	14.1	0.00103	0.000915	0.00000471	0.00601	0.00147	0.022	0.0193	0.00000495	17.8	0.0000159	0.000308
2086 Nov	78	0.0801	0.212	0.00219	20.2	0.0349	14.1	0.00104	0.000917	0.00000472	0.00603	0.00147	0.0221	0.0193	0.00000496	17.9	0.0000159	0.000309
2086 Dec	78	0.0801	0.212	0.00219	20.2	0.0349	14.1	0.00104	0.000918	0.00000472	0.00603	0.00148	0.0221	0.0193	0.00000496	17.9	0.0000159	0.000309
2087 Jan	78	0.0801	0.212	0.00219	20.2	0.0349	14.1	0.00104	0.000918	0.00000472	0.00603	0.00148	0.0221	0.0193	0.00000496	17.9	0.0000159	0.000309
2087 Feb	78.1	0.0801	0.213	0.00219	20.2	0.0349	14.1	0.00104	0.000918	0.00000472	0.00603	0.00148	0.0221	0.0193	0.00000496	17.9	0.0000159	0.000309
2087 Mar	78.1	0.0802	0.213	0.0022	20.3	0.0349	14.1	0.00104	0.000919	0.00000473	0.00604	0.00148	0.0221	0.0194	0.00000497	17.9	0.000016	0.000309
2087 Apr	78.3	0.0804	0.213	0.0022	20.3	0.035	14.2	0.00104	0.000921	0.00000474	0.00605	0.00148	0.0222	0.0194	0.00000498	17.9	0.000016	0.00031
2087 May	79.4	0.0807	0.21	0.00218	20.6	0.0345	14.2	0.00104	0.000922	0.00000474	0.00605	0.0015	0.022	0.0203	0.00000498	18.6	0.0000162	0.000317
2087 Jun	81	0.0794	0.211	0.00216	20.9	0.0324	14.5	0.00101	0.000889	0.00000458	0.00583	0.00152	0.0217	0.0212	0.00000483	19.2	0.0000164	0.000327
2087 Jul	81.4	0.0789	0.209	0.00217	20.9	0.0332	14.4	0.00104	0.000917	0.00000472	0.00598	0.00154	0.0218	0.0214	0.00000496	19.4	0.0000166	0.000329
2087 Aug	83.2	0.0803	0.212	0.00222	21.3	0.0345	14.7	0.00107	0.000949	0.00000488	0.00616	0.00158	0.0223	0.022	0.00000513	19.9	0.000017	0.000336
2087 Sep	83.7	0.0819	0.21	0.00223	21.5	0.0352	14.7	0.00108	0.000964	0.00000495	0.00629	0.0016	0.0224	0.0222	0.0000052	20.1	0.0000171	0.000338
2087 Oct	82.5	0.0823	0.204	0.00218	21.2	0.0353	14.4	0.00108	0.000961	0.00000493	0.00632	0.00158	0.022	0.0219	0.00000517	19.9	0.000017	0.000333
2087 Nov	82	0.0825	0.201	0.00217	21	0.0353	14.2	0.00108	0.000959	0.00000493	0.00633	0.00157	0.0219	0.0218	0.00000516	19.8	0.0000169	0.000331
2087 Dec	82	0.0825	0.201	0.00217	21	0.0354	14.3	0.00108	0.00096	0.00000493	0.00633	0.00157	0.0219	0.0218	0.00000516	19.8	0.0000169	0.000331
2088 Jan	82	0.0825	0.201	0.00217	21	0.0354	14.3	0.00108	0.00096	0.00000493	0.00633	0.00157	0.0219	0.0219	0.00000516	19.8	0.000017	0.000331
2088 Feb	82	0.0825	0.201	0.00217	21	0.0354	14.3	0.00108	0.00096	0.00000493	0.00634	0.00157	0.0219	0.0219	0.00000516	19.8	0.000017	0.000331
2088 Mar	82.1	0.0826	0.202	0.00217	21.1	0.0354	14.3	0.00108	0.000961	0.00000493	0.00634	0.00157	0.0219	0.0219	0.00000517	19.8	0.000017	0.000331
2088 Apr	82.7	0.0832	0.203	0.00219	21.2	0.0357	14.4	0.00108	0.000968	0.00000497	0.00639	0.00158	0.0221	0.022	0.0000052	20	0.0000171	0.000334
2088 May	84.1	0.0846	0.206	0.00222	21.6	0.0362	14.6	0.0011	0.000984	0.00000505	0.00649	0.00161	0.0224	0.0225	0.00000529	20.4	0.0000174	0.00034
2088 Jun	77.3	0.0738	0.184	0.00206	19.4	0.0332	13.2	0.00106	0.000956	0.0000049	0.00641	0.00149	0.0209	0.0204	0.00000512	18.6	0.0000177	0.000318
2088 Jul	78.4	0.0737	0.189	0.00212	19.6	0.0339	13.5	0.00109	0.000982	0.00000503	0.0066	0.00151	0.0216	0.0203	0.00000526	18.5	0.0000184	0.000323
2088 Aug	81.9	0.077	0.196	0.00221	20.5	0.0357	14.1	0.00115	0.00103	0.00000529	0.00692	0.00158	0.0225	0.0213	0.00000552	19.4	0.0000192	0.000337
2088 Sep	82.4	0.078	0.195	0.00222	20.6	0.0363	14.1	0.00116	0.00104	0.00000535	0.00701	0.0016	0.0227	0.0215	0.00000558	19.6	0.0000192	0.000339
2088 Oct	78.5	0.0784	0.179	0.00209	19.7	0.036	13.2	0.00112	0.00102	0.0000052	0.00694	0.00153	0.0214	0.0207	0.00000541	18.9	0.0000185	0.000322
2088 Nov	77.7	0.0787	0.175	0.00206	19.5	0.036	13	0.00112	0.00101	0.00000518	0.00695	0.00151	0.0212	0.0206	0.00000539	18.8	0.0000184	0.000319
2088 Dec	77.7	0.0788	0.175	0.00207	19.5	0.036	13	0.00112	0.00101	0.00000518	0.00695	0.00152	0.0212	0.0206	0.00000539	18.8	0.0000184	0.000319
2089 Jan	77.7	0.0788	0.175	0.00207	19.5	0.036	13	0.00112	0.00101	0.00000518	0.00695	0.00152	0.0212	0.0206	0.00000539	18.8	0.0000184	0.000319
2089 Feb	77.8	0.0788	0.175	0.00207	19.5	0.036	13	0.00112	0.00101	0.00000518	0.00695	0.00152	0.0212	0.0206	0.00000539	18.8	0.0000184	0.000319
2089 Mar	77.8	0.0789	0.175	0.00207	19.5	0.0361	13	0.00112	0.00102	0.00000519	0.00696	0.00152	0.0212	0.0206	0.0000054	18.8	0.0000184	0.00032
2089 Apr	78.2	0.0792	0.176	0.00208	19.6	0.0363	13.1	0.00112	0.00102	0.00000521	0.00699	0.00152	0.0213	0.0207	0.00000542	18.9	0.0000185	0.000321
2089 May	79.9	0.0797	0.173	0.00205	20	0.0356	13.1	0.00112	0.00102	0.00000521	0.00696	0.00156	0.021	0.022	0.00000541	19.8	0.0000187	0.000332
2089 Jun	82.7	0.0793	0.178	0.00205	20.8	0.0336	13.7	0.00108	0.000977	0.000005	0.0066	0.00159	0.021	0.0232	0.00000522	20.8	0.0000184	0.000345
2089 Jul	83.5	0.0792	0.178	0.00207	20.9	0.0346	13.8	0.00111	0.00101	0.00000516	0.00677	0.00162	0.0212	0.0236	0.00000537	21.1	0.0000187	0.000348
2089 Aug	84.6	0.0796	0.178	0.0021	21.2	0.0358	13.9	0.00115	0.00104	0.00000531	0.00692	0.00165	0.0215	0.024	0.00000553	21.4	0.0000189	0.000352

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Sep	84	0.0806	0.174	0.00208	21	0.0363	13.7	0.00115	0.00104	0.00000533	0.00699	0.00164	0.0213	0.0239	0.00000554	21.3	0.0000188	0.000349
2089 Oct	80.6	0.0821	0.168	0.00201	20.3	0.0362	13.4	0.0011	0.001	0.00000512	0.00681	0.00157	0.0209	0.0224	0.00000532	20.2	0.0000179	0.000331
2089 Nov	80.7	0.0829	0.171	0.00202	20.4	0.0364	13.6	0.0011	0.000995	0.00000509	0.00679	0.00157	0.0211	0.0222	0.0000053	20.1	0.0000178	0.00033
2089 Dec	80.8	0.0829	0.171	0.00203	20.4	0.0364	13.6	0.0011	0.000996	0.00000509	0.00679	0.00157	0.0211	0.0222	0.0000053	20.1	0.0000178	0.00033
2090 Jan	80.8	0.083	0.171	0.00203	20.4	0.0364	13.6	0.0011	0.000996	0.0000051	0.00679	0.00157	0.0211	0.0222	0.0000053	20.1	0.0000178	0.00033
2090 Feb	80.8	0.083	0.171	0.00203	20.4	0.0364	13.6	0.0011	0.000996	0.0000051	0.00679	0.00157	0.0211	0.0222	0.00000531	20.1	0.0000178	0.00033
2090 Mar	80.9	0.083	0.171	0.00203	20.4	0.0364	13.6	0.0011	0.000997	0.0000051	0.0068	0.00157	0.0211	0.0222	0.00000531	20.1	0.0000178	0.00033
2090 Apr	81.1	0.0833	0.172	0.00203	20.5	0.0365	13.6	0.0011	0.001	0.00000512	0.00682	0.00157	0.0212	0.0223	0.00000533	20.2	0.0000178	0.000331
2090 May	82.1	0.084	0.172	0.00205	20.7	0.0367	13.7	0.00111	0.00101	0.00000516	0.00687	0.00159	0.0213	0.0227	0.00000537	20.5	0.000018	0.000336
2090 Jun	83.1	0.0801	0.196	0.00213	21.1	0.0336	15.1	0.00105	0.000926	0.00000477	0.00621	0.00158	0.0224	0.0216	0.00000502	19.8	0.0000175	0.000338
2090 Jul	84.3	0.0804	0.203	0.0022	21.3	0.0345	15.5	0.00109	0.000952	0.0000049	0.00638	0.0016	0.0232	0.0215	0.00000516	19.7	0.000018	0.000342
2090 Aug	81.3	0.0775	0.192	0.00213	20.6	0.0353	14.8	0.00108	0.000948	0.00000488	0.00624	0.00156	0.0226	0.0207	0.00000512	19.1	0.0000168	0.000328
2090 Sep	80.6	0.0807	0.197	0.00215	20.6	0.036	15.1	0.00106	0.000927	0.00000477	0.00615	0.00154	0.023	0.0198	0.00000503	18.5	0.0000162	0.000321
2090 Oct	80.1	0.0857	0.204	0.00218	20.6	0.0367	15.6	0.00104	0.000897	0.00000463	0.00607	0.00152	0.0235	0.0188	0.00000491	17.8	0.0000157	0.000312
2090 Nov	80	0.0866	0.206	0.00219	20.6	0.0368	15.8	0.00104	0.000889	0.00000459	0.00603	0.00152	0.0237	0.0185	0.00000487	17.7	0.0000156	0.00031
2090 Dec	80	0.0866	0.206	0.00219	20.6	0.0368	15.8	0.00104	0.000889	0.0000046	0.00603	0.00152	0.0237	0.0186	0.00000487	17.7	0.0000156	0.00031
2091 Jan	80	0.0866	0.206	0.00219	20.6	0.0368	15.8	0.00104	0.000889	0.0000046	0.00603	0.00152	0.0237	0.0186	0.00000487	17.7	0.0000156	0.00031
2091 Feb	80	0.0866	0.206	0.00219	20.6	0.0368	15.8	0.00104	0.000889	0.0000046	0.00603	0.00152	0.0237	0.0186	0.00000488	17.7	0.0000156	0.00031
2091 Mar	80.1	0.0867	0.207	0.00219	20.6	0.0368	15.8	0.00104	0.000891	0.0000046	0.00604	0.00152	0.0237	0.0186	0.00000488	17.7	0.0000156	0.000311
2091 Apr	80.6	0.0872	0.208	0.00221	20.7	0.037	15.9	0.00104	0.000895	0.00000463	0.00608	0.00153	0.0239	0.0187	0.00000491	17.8	0.0000157	0.000312
2091 May	82.2	0.0878	0.206	0.00221	21.1	0.0369	15.9	0.00105	0.000909	0.00000469	0.00615	0.00156	0.0238	0.0197	0.00000497	18.6	0.000016	0.000322
2091 Jun	83.2	0.0831	0.202	0.00215	21.1	0.0336	15.7	0.00103	0.000885	0.00000457	0.00592	0.00159	0.0229	0.0212	0.00000485	19.6	0.0000165	0.000335
2091 Jul	85.9	0.0851	0.209	0.00224	21.7	0.035	16.2	0.00108	0.000927	0.00000478	0.00619	0.00165	0.0238	0.0218	0.00000507	20.1	0.0000173	0.000346
2091 Aug	84	0.0829	0.198	0.00218	21.2	0.0357	15.6	0.00108	0.000937	0.00000483	0.00619	0.00163	0.0233	0.0215	0.0000051	19.9	0.0000167	0.000338
2091 Sep	81.7	0.0816	0.187	0.00212	20.6	0.0361	15	0.00108	0.000938	0.00000483	0.00618	0.00159	0.0227	0.0212	0.00000508	19.5	0.0000162	0.00033
2091 Oct	80.9	0.0835	0.191	0.00213	20.5	0.0362	15.2	0.00106	0.000916	0.00000472	0.0061	0.00157	0.0229	0.0203	0.00000498	18.9	0.0000158	0.000323
2091 Nov	80.4	0.0852	0.195	0.00214	20.4	0.0364	15.5	0.00105	0.000898	0.00000463	0.00603	0.00155	0.0232	0.0196	0.00000491	18.5	0.0000156	0.000317
2091 Dec	80.4	0.0853	0.195	0.00214	20.4	0.0364	15.5	0.00105	0.000898	0.00000464	0.00603	0.00155	0.0232	0.0196	0.00000491	18.5	0.0000156	0.000317
2092 Jan	80.4	0.0853	0.195	0.00214	20.4	0.0364	15.5	0.00105	0.000898	0.00000464	0.00603	0.00155	0.0232	0.0196	0.00000491	18.5	0.0000156	0.000317
2092 Feb	80.4	0.0853	0.195	0.00214	20.4	0.0365	15.5	0.00105	0.000898	0.00000464	0.00603	0.00156	0.0232	0.0196	0.00000491	18.5	0.0000156	0.000318
2092 Mar	80.6	0.0855	0.196	0.00215	20.5	0.0365	15.6	0.00105	0.0009	0.00000464	0.00604	0.00156	0.0233	0.0196	0.00000492	18.5	0.0000156	0.000318
2092 Apr	80.9	0.0859	0.197	0.00215	20.6	0.0367	15.6	0.00105	0.000904	0.00000467	0.00607	0.00156	0.0234	0.0197	0.00000494	18.6	0.0000157	0.000319
2092 May	82.6	0.0864	0.195	0.00215	20.9	0.0364	15.7	0.00106	0.000913	0.00000471	0.00613	0.0016	0.0233	0.0208	0.00000498	19.4	0.000016	0.000329
2092 Jun	81.5	0.0798	0.201	0.00214	20.4	0.0325	16.1	0.00101	0.000844	0.00000437	0.0056	0.00158	0.0231	0.0202	0.00000466	18.8	0.0000159	0.000328
2092 Jul	81	0.0783	0.205	0.00219	20.2	0.0329	16.3	0.00103	0.000856	0.00000444	0.00568	0.00157	0.0237	0.0193	0.00000474	18.2	0.0000162	0.000324
2092 Aug	83.2	0.0804	0.209	0.00225	20.7	0.0343	16.6	0.00106	0.000889	0.00000461	0.00587	0.00162	0.0243	0.0199	0.00000491	18.7	0.0000166	0.000333
2092 Sep	82.3	0.0803	0.204	0.00222	20.5	0.0347	16.3	0.00107	0.000896	0.00000464	0.00592	0.00161	0.0241	0.0199	0.00000493	18.7	0.0000164	0.00033
2092 Oct	81.1	0.0807	0.198	0.00218	20.2	0.0348	15.9	0.00106	0.000894	0.00000462	0.00596	0.00159	0.0236	0.0197	0.00000491	18.5	0.0000163	0.000325
2092 Nov	81	0.0809	0.196	0.00217	20.2	0.0349	15.9	0.00106	0.000895	0.00000463	0.00598	0.00159	0.0235	0.0197	0.00000491	18.5	0.0000163	0.000325
2092 Dec	81	0.081	0.196	0.00217	20.2	0.0349	15.9	0.00106	0.000895	0.00000463	0.00598	0.00159	0.0236	0.0197	0.00000492	18.5	0.0000163	0.000325
2093 Jan	81	0.081	0.197	0.00217	20.2	0.0349	15.9	0.00106	0.000896	0.00000463	0.00598	0.00159	0.0236	0.0197	0.00000492	18.5	0.0000163	0.000325
2093 Feb	81	0.081	0.197	0.00217	20.2	0.0349	15.9	0.00106	0.000896	0.00000463	0.00598	0.00159	0.0236	0.0197	0.00000492	18.5	0.0000163	0.000325
2093 Mar	81.2	0.0812	0.197	0.00217	20.2	0.035	15.9	0.00106	0.000898	0.00000464	0.00599	0.00159	0.0236	0.0197	0.00000493	18.6	0.0000163	0.000326
2093 Apr	81.6	0.0816	0.198	0.00219	20.3	0.0352	16	0.00107	0.000902	0.00000466	0.00602	0.0016	0.0237	0.0198	0.00000495	18.7	0.0000164	0.000327
2093 May	83	0.0822	0.195	0.00217	20.6	0.035	15.9	0.00108	0.000914	0.00000472	0.0061	0.00163	0.0235	0.0208	0.000005	19.4	0.0000167	0.000336
2093 Jun	82.8	0.0788	0.191	0.00211	20.5	0.0325	16	0.00103	0.000869	0.0000045	0.00578	0.00162	0.023	0.0212	0.00000478	19.6	0.0000166	0.000339
2093 Jul	84.5	0.0798	0.196	0.00217	20.9	0.0337	16.4	0.00107	0.000901	0.00000466	0.00597	0.00166	0.0237	0.0214	0.00000495	19.8	0.0000171	0.000345
2093 Aug	86	0.081	0.197	0.00221	21.2	0.0348	16.6	0.0011	0.000929	0.0000048	0.00613	0.00169	0.0241	0.0219	0.0000051	20.3	0.0000173	0.00035
2093 Sep	85	0.0817	0.192	0.00218	21	0.0352	16.2	0.0011	0.000934	0.00000482	0.0062	0.00168	0.0238	0.0218	0.00000511	20.2	0.0000172	0.000347
2093 Oct	81	0.0826	0.18	0.00207	20.1	0.0352	15.5	0.00106	0.000904	0.00000466	0.00613	0.0016	0.0228	0.0206	0.00000493	19.1	0.0000164	0.000327
2093 Nov	80.4	0.0841	0.181	0.00208	20	0.0355	15.6	0.00105	0.000892	0.00000461	0.0061	0.00159	0.023	0.02	0.00000488	18.8	0.0000162	0.000322
2093 Dec	80.5	0.0842	0.181	0.00208	20	0.0355	15.6	0.00105	0.000893	0.00000461	0.0061	0.00159	0.023	0.02	0.00000489	18.8	0.0000162	0.000323
2094 Jan	80.5	0.0842	0.181	0.00208	20	0.0356	15.6	0.00105	0.000893	0.00000461	0.0061	0.00159	0.023	0.02	0.00000489	18.8	0.0000162	0.000323
2094 Feb	80.5	0.0842	0.181	0.00208	20	0.0356	15.6	0.00105	0.000893	0.00000461	0.0061	0.00159	0.023	0.02	0.00000489	18.8	0.0000162	0.000323
2094 Mar	80.6	0.0843	0.181	0.00208	20.1	0.0356	15.7	0.00105	0.000894	0.00000462	0.00611	0.00159	0.023	0.0201	0.00000489	18.8	0.0000162	0.000323
2094 Apr	80.9	0.0846	0.182	0.00209	20.1	0.0357	15.7	0.00106	0.000897	0.00000463	0.00613	0.00159	0.0231	0.0201	0.00000491	18.9	0.0000162	0.000324
2094 May	82.5	0.0845	0.182	0.00208	20.5	0.035	15.9	0.00106	0.000894	0.00000462	0.00608	0.00162	0.023	0.0211	0.00000489	19.6	0.0000164	0.000333
2094 Jun	85.4	0.0833	0.186	0.0021	21.1	0.0336	16.4	0.00105	0.000882	0.00000457	0.00594	0.00167	0.0233	0.0223	0.00000485	20.5	0.0000168	0.000349
2094 Jul	88.8	0.0862	0.192	0.00219	21.9	0.0353	17	0.00111	0.000931	0.00000481	0.00626	0.00175	0.0242	0.0232	0.00000511	21.4	0.0000176	0.000364
2094 Aug	92.8	0.0899	0.2	0.00229	22.9	0.0371	17.7	0.00116	0.000979	0.00000506	0.00656	0.00183	0.0253	0.0243	0.00000537	22.4	0.0000184	0.00038
2094 Sep	91.3	0.0906	0.193	0.00224	22.5	0.0375	17.3	0.00116	0.000982	0.00000507	0.00664	0.0018	0.0248	0.0241	0.00000537	22.2	0.0000183	0.000374
2094 Oct	87.7	0.0903	0.179	0.00214	21.7	0.0373	16.4	0.00113	0.000967	0.00000498	0.00663	0.00174	0.0237	0.0233	0.00000526	21.5	0.0000178	0.000358
2094 Nov	84.1	0.0899	0.166	0.00204	20.8	0.0371	15.4	0.0011	0.000952	0.0000049	0.00662	0.00167	0.0226	0.0226	0.00000515	20.8	0.0000173	0.000343
2094 Dec	83.9	0.0899	0.166	0.00203	20.7	0.037	15.4	0.0011	0.000951	0.00000489	0.00661	0.00167	0.0226	0.0225	0.00000515	20.7	0.0000173	0.000342
2095 Jan	83.9	0.0899	0.166	0.00203	20.8	0.037	15.4	0.0011	0.000951	0.00000489	0.00662	0.00167	0.0226	0.0225	0.00000515	20.7	0.0000173	0.000342
2095 Feb	83.9	0.0899	0.166	0.00203	20.8	0.037	15.4	0.0011	0.000951	0.00000489	0.00662	0.00167	0.0226	0.0225	0.00000515	20.7	0.0000173	0.000342
2095 Mar	84	0.09	0.166	0.00204	20.8	0.0371	15.4	0.0011	0.000952	0.0000049	0.00662	0.00167	0.0226	0.0225	0.00000515	20.8	0.0000173	0.000342

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Apr	84.3	0.0904	0.167	0.00204	20.9	0.0372	15.5	0.00111	0.000956	0.00000492	0.00665	0.00168	0.0227	0.0226	0.00000517	20.8	0.0000174	0.000344
2095 May	85.5	0.0895	0.164	0.00202	21.1	0.0363	15.5	0.0011	0.000952	0.00000489	0.00658	0.0017	0.0224	0.0236	0.00000515	21.5	0.0000175	0.000352
2095 Jun	88.2	0.0884	0.169	0.00205	21.7	0.0353	16	0.0011	0.000947	0.00000487	0.00648	0.00174	0.0227	0.0246	0.00000514	22.3	0.0000179	0.000366
2095 Jul	91.6	0.0913	0.174	0.00213	22.5	0.0371	16.6	0.00116	0.000996	0.00000513	0.00679	0.00182	0.0236	0.0256	0.0000054	23.2	0.0000186	0.00038
2095 Aug	89.1	0.0882	0.166	0.00208	21.9	0.0374	15.9	0.00115	0.000998	0.00000513	0.00673	0.00178	0.023	0.0251	0.00000539	22.7	0.000018	0.000369
2095 Sep	87.7	0.0874	0.16	0.00204	21.6	0.0378	15.5	0.00115	0.001	0.00000515	0.00674	0.00176	0.0227	0.0248	0.0000054	22.5	0.0000176	0.000364
2095 Oct	87.2	0.0878	0.158	0.00203	21.4	0.0379	15.3	0.00115	0.001	0.00000514	0.00676	0.00175	0.0225	0.0247	0.00000539	22.4	0.0000175	0.000361
2095 Nov	85.2	0.0878	0.151	0.00197	21	0.0379	14.9	0.00113	0.000994	0.00000509	0.00676	0.00172	0.0219	0.0242	0.00000533	22	0.0000173	0.000353
2095 Dec	85	0.0879	0.15	0.00197	20.9	0.0379	14.8	0.00113	0.000993	0.00000509	0.00677	0.00171	0.0219	0.0242	0.00000533	21.9	0.0000173	0.000352
2096 Jan	85	0.0879	0.15	0.00197	20.9	0.0379	14.8	0.00113	0.000993	0.00000509	0.00677	0.00171	0.0219	0.0242	0.00000533	22	0.0000173	0.000352
2096 Feb	85.1	0.0879	0.15	0.00197	20.9	0.0379	14.8	0.00113	0.000994	0.00000509	0.00677	0.00171	0.0219	0.0242	0.00000533	22	0.0000173	0.000352
2096 Mar	85.1	0.088	0.151	0.00197	21	0.0379	14.8	0.00113	0.000995	0.0000051	0.00678	0.00171	0.0219	0.0242	0.00000533	22	0.0000173	0.000352
2096 Apr	85.5	0.0883	0.151	0.00198	21	0.0381	14.9	0.00114	0.000998	0.00000512	0.0068	0.00172	0.022	0.0243	0.00000535	22.1	0.0000174	0.000354
2096 May	86.6	0.0886	0.151	0.00198	21.3	0.0378	15	0.00114	0.001	0.00000513	0.00681	0.00174	0.022	0.025	0.00000537	22.6	0.0000176	0.00036
2096 Jun	84.2	0.0795	0.175	0.00206	20.5	0.034	16.5	0.00107	0.000893	0.00000462	0.00604	0.00167	0.0236	0.0214	0.00000491	19.9	0.000017	0.000345
2096 Jul	86.3	0.0806	0.187	0.00217	21	0.0352	17.5	0.0011	0.000914	0.00000474	0.00618	0.00171	0.025	0.021	0.00000506	19.8	0.0000175	0.000351
2096 Aug	89.4	0.0834	0.192	0.00225	21.7	0.0368	18	0.00115	0.000955	0.00000494	0.00643	0.00177	0.0259	0.0218	0.00000527	20.6	0.0000181	0.000363
2096 Sep	87.2	0.0838	0.183	0.00218	21.2	0.037	17.4	0.00114	0.000954	0.00000493	0.00648	0.00174	0.0252	0.0215	0.00000524	20.2	0.0000178	0.000354
2096 Oct	82.5	0.0844	0.165	0.00205	20.1	0.0369	16	0.0011	0.000937	0.00000483	0.0065	0.00165	0.0236	0.0207	0.00000511	19.5	0.0000172	0.000335
2096 Nov	82	0.085	0.163	0.00203	20	0.0371	15.9	0.0011	0.000935	0.00000482	0.00652	0.00164	0.0235	0.0206	0.0000051	19.4	0.0000171	0.000332
2096 Dec	82	0.0851	0.163	0.00203	20	0.0371	15.9	0.0011	0.000936	0.00000482	0.00652	0.00164	0.0235	0.0206	0.0000051	19.4	0.0000171	0.000332
2097 Jan	82	0.0851	0.163	0.00203	20	0.0371	15.9	0.0011	0.000936	0.00000482	0.00652	0.00164	0.0235	0.0206	0.0000051	19.4	0.0000171	0.000332
2097 Feb	82	0.0851	0.163	0.00203	20	0.0371	15.9	0.0011	0.000936	0.00000482	0.00652	0.00164	0.0235	0.0206	0.0000051	19.4	0.0000171	0.000332
2097 Mar	82.1	0.0851	0.163	0.00203	20	0.0371	15.9	0.0011	0.000936	0.00000483	0.00652	0.00164	0.0235	0.0206	0.0000051	19.4	0.0000171	0.000332
2097 Apr	82.5	0.0856	0.164	0.00204	20.1	0.0373	16	0.00111	0.000941	0.00000485	0.00656	0.00165	0.0236	0.0207	0.00000513	19.5	0.0000172	0.000334
2097 May	84	0.0862	0.163	0.00204	20.5	0.0372	16	0.00112	0.000954	0.00000491	0.00663	0.00168	0.0235	0.0216	0.00000519	20.2	0.0000175	0.000343
2097 Jun	86.2	0.0838	0.166	0.00204	20.9	0.0353	16.5	0.0011	0.00093	0.0000048	0.00639	0.00172	0.0235	0.0226	0.00000508	21	0.0000177	0.000356
2097 Jul	89.2	0.0861	0.172	0.00213	21.6	0.0368	17.1	0.00115	0.000974	0.00000503	0.00668	0.00178	0.0245	0.0234	0.00000532	21.7	0.0000185	0.000368
2097 Aug	90.7	0.0872	0.173	0.00216	22	0.038	17.3	0.00118	0.001	0.00000517	0.00684	0.00182	0.0248	0.0239	0.00000547	22.1	0.0000187	0.000374
2097 Sep	91.2	0.0883	0.173	0.00217	22.1	0.0386	17.3	0.0012	0.00102	0.00000524	0.00694	0.00183	0.025	0.0241	0.00000553	22.3	0.0000188	0.000376
2097 Oct	89.8	0.0885	0.168	0.00214	21.8	0.0386	16.9	0.00119	0.00101	0.00000521	0.00695	0.00181	0.0245	0.0238	0.0000055	22	0.0000186	0.00037
2097 Nov	89	0.0886	0.165	0.00211	21.6	0.0386	16.7	0.00118	0.00101	0.00000519	0.00695	0.00179	0.0243	0.0236	0.00000547	21.9	0.0000185	0.000366
2097 Dec	89	0.0886	0.165	0.00211	21.6	0.0386	16.7	0.00118	0.00101	0.00000519	0.00695	0.00179	0.0243	0.0236	0.00000547	21.9	0.0000185	0.000366
2098 Jan	89	0.0886	0.165	0.00211	21.6	0.0386	16.7	0.00118	0.00101	0.00000519	0.00695	0.00179	0.0243	0.0236	0.00000548	21.9	0.0000185	0.000366
2098 Feb	89	0.0886	0.165	0.00211	21.6	0.0386	16.7	0.00118	0.00101	0.00000519	0.00695	0.00179	0.0243	0.0236	0.00000548	21.9	0.0000185	0.000366
2098 Mar	89	0.0887	0.165	0.00211	21.6	0.0386	16.7	0.00118	0.00101	0.0000052	0.00695	0.00179	0.0243	0.0236	0.00000548	21.9	0.0000185	0.000366
2098 Apr	89.4	0.089	0.165	0.00212	21.7	0.0387	16.7	0.00118	0.00101	0.00000521	0.00697	0.0018	0.0243	0.0238	0.00000549	22	0.0000186	0.000368
2098 May	90.5	0.0881	0.157	0.00204	22	0.0372	16.3	0.00117	0.00101	0.00000518	0.0069	0.00182	0.0233	0.0255	0.00000544	23.2	0.0000188	0.000379
2098 Jun	89.2	0.0826	0.171	0.00206	21.6	0.0339	17.4	0.00109	0.000905	0.00000468	0.00612	0.00177	0.024	0.0237	0.00000499	21.8	0.0000177	0.00037
2098 Jul	92.7	0.0853	0.18	0.00217	22.4	0.0356	18.2	0.00115	0.000947	0.0000049	0.00641	0.00185	0.0253	0.0243	0.00000523	22.4	0.0000185	0.000383
2098 Aug	92	0.0847	0.176	0.00215	22.2	0.0365	17.9	0.00116	0.000964	0.00000499	0.00647	0.00184	0.0251	0.0242	0.0000053	22.4	0.0000182	0.000381
2098 Sep	87.4	0.0838	0.162	0.00204	21.1	0.0365	16.8	0.00112	0.000945	0.00000487	0.0064	0.00176	0.0239	0.0231	0.00000516	21.4	0.0000173	0.00036
2098 Oct	85.7	0.0865	0.165	0.00205	20.8	0.037	17.2	0.0011	0.000912	0.00000472	0.00628	0.00172	0.0243	0.0216	0.00000502	20.4	0.0000167	0.000347
2098 Nov	85.7	0.0874	0.168	0.00206	20.8	0.0372	17.4	0.0011	0.000903	0.00000468	0.00624	0.00171	0.0246	0.0212	0.00000499	20.1	0.0000165	0.000345
2098 Dec	85.7	0.0875	0.169	0.00206	20.9	0.0372	17.5	0.0011	0.000904	0.00000468	0.00625	0.00172	0.0246	0.0212	0.00000499	20.1	0.0000165	0.000345
2099 Jan	85.7	0.0875	0.169	0.00206	20.9	0.0372	17.5	0.0011	0.000904	0.00000468	0.00625	0.00172	0.0246	0.0212	0.00000499	20.1	0.0000165	0.000345
2099 Feb	85.8	0.0875	0.169	0.00206	20.9	0.0372	17.5	0.0011	0.000904	0.00000468	0.00625	0.00172	0.0246	0.0212	0.00000499	20.1	0.0000165	0.000345
2099 Mar	85.9	0.0877	0.169	0.00207	20.9	0.0373	17.5	0.0011	0.000906	0.00000469	0.00626	0.00172	0.0247	0.0212	0.000005	20.2	0.0000166	0.000346
2099 Apr	86.7	0.0884	0.17	0.00208	21.1	0.0375	17.6	0.00111	0.000912	0.00000472	0.0063	0.00174	0.0248	0.0216	0.00000503	20.4	0.0000167	0.000349
2099 May	91.2	0.0885	0.165	0.00202	22.2	0.0349	17.6	0.00109	0.000897	0.00000464	0.00609	0.00182	0.0238	0.025	0.00000495	22.9	0.000017	0.000377
2099 Jun	90.9	0.0859	0.173	0.00207	21.9	0.0341	18.2	0.00108	0.000878	0.00000456	0.00593	0.00182	0.0244	0.0242	0.00000488	22.3	0.000017	0.000375
2099 Jul	93.7	0.088	0.177	0.00214	22.6	0.0356	18.7	0.00113	0.00092	0.00000477	0.0062	0.00188	0.0252	0.0249	0.0000051	23	0.0000177	0.000386
2099 Aug	96.1	0.0902	0.18	0.00219	23.1	0.0372	19	0.00117	0.000959	0.00000497	0.00643	0.00194	0.0259	0.0256	0.0000053	23.7	0.0000181	0.000396
2099 Sep	92.7	0.0887	0.169	0.00211	22.4	0.0372	18.1	0.00115	0.000952	0.00000492	0.0064	0.00187	0.025	0.0249	0.00000524	23	0.0000175	0.000383
2099 Oct	89.5	0.0887	0.16	0.00203	21.6	0.0371	17.3	0.00113	0.000939	0.00000485	0.0064	0.00181	0.0241	0.0241	0.00000515	22.3	0.0000171	0.000368
2099 Nov	88.1	0.0889	0.159	0.00202	21.3	0.0371	17.2	0.00111	0.000926	0.00000478	0.00634	0.00178	0.024	0.0234	0.00000508	21.8	0.0000168	0.000361
2099 Dec	88.2	0.0889	0.159	0.00202	21.3	0.0371	17.2	0.00112	0.000926	0.00000478	0.00635	0.00178	0.024	0.0234	0.00000508	21.8	0.0000168	0.000361
2100 Jan	88.2	0.0889	0.159	0.00202	21.3	0.0371	17.2	0.00112	0.000926	0.00000478	0.00635	0.00178	0.024	0.0234	0.00000508	21.8	0.0000168	0.000361
2100 Feb	88.2	0.0889	0.159	0.00202	21.3	0.0371	17.2	0.00112	0.000926	0.00000478	0.00635	0.00178	0.024	0.0234	0.00000508	21.8	0.0000168	0.000361
2100 Mar	88.2	0.089	0.159	0.00202	21.3	0.0371	17.2	0.00112	0.000926	0.00000479	0.00635	0.00178	0.024	0.0234	0.00000508	21.8	0.0000168	0.000361
2100 Apr	88.7	0.0894	0.16	0.00203	21.5	0.0374	17.3	0.00112	0.000932	0.00000481	0.00639	0.00179	0.0241	0.0236	0.00000511	21.9	0.0000169	0.000363
2100 May	90.2	0.0886	0.155	0.00199	21.8	0.0362	17.1	0.00112	0.000935	0.00000482	0.00638	0.00182	0.0235	0.025	0.00000511	22.9	0.0000173	0.000375
2100 Jun	88.7	0.0823	0.167	0.00203	21.1	0.0336	18.1	0.00108	0.000864	0.00000449	0.00585	0.00179	0.0243	0.0231	0.00000481	21.5	0.0000169	0.000366
2100 Jul	89	0.0818	0.17	0.00207	21.1	0.0341	18.3	0.0011	0.000879	0.00000457	0.00595	0.0018	0.0249	0.0227	0.0000049	21.3	0.0000172	0.000367
2100 Aug	87	0.0799	0.164	0.00203	20.7	0.0347	17.8	0.00109	0.000883	0.00000458	0.00591	0.00178	0.0245	0.0222	0.00000491	20.9	0.0000165	0.000358
2100 Sep	86.3	0.0801	0.163	0.00203	20.6	0.0354	17.8	0.0011	0.000885	0.00000459	0.0059	0.00177	0.0246	0.0218	0.00000491	20.6	0.0000162	0.000354
2100 Oct	86.3	0.081	0.163	0.00203	20.6	0.0357	17.8	0.0011	0.000887	0.0000046	0.00594	0.00176	0.0246	0.0218	0.00000492	20.6	0.0000162	0.000353

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2100 Nov	86.4	0.0813	0.163	0.00204	20.6	0.0358	17.9	0.0011	0.000887	0.0000046	0.00595	0.00177	0.0247	0.0217	0.00000493	20.6	0.0000162	0.000353
2100 Dec	86.5	0.0814	0.163	0.00204	20.6	0.0358	17.9	0.0011	0.000888	0.00000461	0.00595	0.00177	0.0247	0.0218	0.00000493	20.6	0.0000162	0.000354
2101 Jan	86.5	0.0814	0.163	0.00204	20.6	0.0358	17.9	0.0011	0.000888	0.00000461	0.00595	0.00177	0.0247	0.0218	0.00000493	20.6	0.0000162	0.000354
2101 Feb	86.5	0.0814	0.163	0.00204	20.6	0.0358	17.9	0.0011	0.000888	0.00000461	0.00595	0.00177	0.0247	0.0218	0.00000493	20.6	0.0000162	0.000354
2101 Mar	86.6	0.0814	0.163	0.00204	20.6	0.0359	17.9	0.0011	0.000888	0.00000461	0.00595	0.00177	0.0248	0.0218	0.00000493	20.6	0.0000162	0.000354
2101 Apr	86.8	0.0817	0.164	0.00205	20.7	0.036	17.9	0.0011	0.000891	0.00000462	0.00597	0.00178	0.0248	0.0218	0.00000495	20.7	0.0000162	0.000355
2101 May	88.6	0.082	0.159	0.00201	21.1	0.035	17.8	0.0011	0.000897	0.00000465	0.006	0.00181	0.0243	0.0234	0.00000496	21.8	0.0000167	0.000367
2101 Jun	88.9	0.0801	0.164	0.00202	21	0.0335	18.3	0.00108	0.000863	0.00000448	0.00579	0.00181	0.0246	0.0231	0.00000482	21.5	0.0000168	0.000369
2101 Jul	92.5	0.083	0.172	0.00212	21.8	0.0351	19.2	0.00113	0.000903	0.00000469	0.00606	0.00189	0.0258	0.0238	0.00000504	22.3	0.0000175	0.000383
2101 Aug	95.6	0.0858	0.176	0.00219	22.6	0.0366	19.7	0.00118	0.000941	0.00000489	0.00629	0.00195	0.0267	0.0246	0.00000525	23.1	0.0000181	0.000396
2101 Sep	92.5	0.085	0.166	0.00211	21.9	0.0368	18.8	0.00116	0.000939	0.00000487	0.0063	0.0019	0.0257	0.024	0.00000521	22.5	0.0000176	0.000383
2101 Oct	91.2	0.0855	0.162	0.00208	21.6	0.037	18.4	0.00116	0.000939	0.00000486	0.00635	0.00187	0.0253	0.0238	0.00000519	22.3	0.0000175	0.000378
2101 Nov	88.7	0.0853	0.154	0.00202	21	0.0368	17.7	0.00114	0.000929	0.00000481	0.00634	0.00182	0.0245	0.0233	0.00000512	21.8	0.0000171	0.000367
2101 Dec	88.6	0.0854	0.154	0.00201	21	0.0368	17.7	0.00114	0.000929	0.0000048	0.00634	0.00182	0.0245	0.0233	0.00000512	21.8	0.0000171	0.000366
2102 Jan	88.6	0.0854	0.154	0.00201	21	0.0368	17.7	0.00114	0.000929	0.0000048	0.00634	0.00182	0.0245	0.0233	0.00000512	21.8	0.0000171	0.000366
2102 Feb	88.6	0.0854	0.154	0.00201	21	0.0368	17.7	0.00114	0.000929	0.00000481	0.00634	0.00182	0.0245	0.0233	0.00000512	21.8	0.0000171	0.000366
2102 Mar	88.7	0.0854	0.154	0.00202	21	0.0368	17.7	0.00114	0.000929	0.00000481	0.00635	0.00182	0.0245	0.0233	0.00000512	21.8	0.0000171	0.000367
2102 Apr	88.9	0.0856	0.154	0.00202	21.1	0.0369	17.7	0.00114	0.000932	0.00000482	0.00636	0.00183	0.0246	0.0233	0.00000513	21.8	0.0000172	0.000367
2102 May	90	0.0867	0.156	0.00205	21.3	0.0373	18	0.00115	0.000943	0.00000488	0.00644	0.00185	0.0249	0.0236	0.00000519	22.1	0.0000174	0.000372
2102 Jun	82.5	0.0744	0.15	0.00197	19.1	0.0342	17.1	0.0011	0.000893	0.00000463	0.00616	0.00171	0.0242	0.0201	0.00000494	19.2	0.0000174	0.000342
2102 Jul	82.3	0.0717	0.158	0.00203	18.9	0.0342	17.9	0.00111	0.000885	0.0000046	0.00609	0.00171	0.0253	0.0188	0.00000494	18.3	0.0000175	0.000339
2102 Aug	83.2	0.0725	0.158	0.00206	19.1	0.0353	18	0.00114	0.000911	0.00000473	0.00623	0.00174	0.0255	0.0192	0.00000507	18.7	0.0000176	0.000343
2102 Sep	82.7	0.0731	0.154	0.00204	19	0.0358	17.7	0.00114	0.00092	0.00000477	0.00629	0.00173	0.0253	0.0192	0.0000051	18.7	0.0000175	0.00034
2102 Oct	79.4	0.0738	0.144	0.00194	18.3	0.0356	16.7	0.00111	0.000903	0.00000468	0.00627	0.00166	0.0241	0.0187	0.00000498	18.1	0.000017	0.000326
2102 Nov	79.4	0.074	0.143	0.00194	18.4	0.0356	16.7	0.00111	0.000905	0.00000468	0.00628	0.00166	0.0241	0.0187	0.00000499	18.2	0.000017	0.000326
2102 Dec	79.5	0.0741	0.144	0.00194	18.4	0.0357	16.7	0.00111	0.000906	0.00000469	0.00629	0.00166	0.0241	0.0187	0.00000499	18.2	0.000017	0.000326
2103 Jan	79.5	0.0741	0.144	0.00194	18.4	0.0357	16.7	0.00111	0.000906	0.00000469	0.00629	0.00166	0.0241	0.0188	0.00000499	18.2	0.000017	0.000327
2103 Feb	79.5	0.0741	0.144	0.00194	18.4	0.0357	16.7	0.00111	0.000906	0.00000469	0.00629	0.00166	0.0241	0.0188	0.00000499	18.2	0.000017	0.000327
2103 Mar	79.6	0.0741	0.144	0.00195	18.4	0.0357	16.7	0.00111	0.000907	0.00000469	0.00629	0.00166	0.0242	0.0188	0.000005	18.2	0.000017	0.000327
2103 Apr	79.9	0.0744	0.144	0.00195	18.5	0.0358	16.8	0.00112	0.00091	0.00000471	0.00631	0.00167	0.0242	0.0188	0.00000502	18.3	0.0000171	0.000328
2103 May	82.5	0.0756	0.143	0.00194	19.1	0.0352	16.9	0.00112	0.000915	0.00000473	0.00632	0.00172	0.024	0.0205	0.00000504	19.5	0.0000174	0.000342
2103 Jun	85	0.0744	0.153	0.00196	19.6	0.0329	18.1	0.00108	0.000852	0.00000443	0.00582	0.00176	0.0246	0.0209	0.00000477	19.9	0.000017	0.000353
2103 Jul	85.3	0.0736	0.156	0.00201	19.6	0.0338	18.5	0.00111	0.00087	0.00000453	0.00591	0.00178	0.0253	0.0205	0.00000487	19.7	0.0000172	0.000353
2103 Aug	82.8	0.0703	0.149	0.00198	19	0.0349	17.8	0.00111	0.000883	0.00000459	0.00585	0.00175	0.0246	0.02	0.00000492	19.1	0.0000163	0.000338
2103 Sep	81.8	0.073	0.148	0.00196	18.9	0.0354	17.8	0.0011	0.000871	0.00000452	0.00585	0.00173	0.0246	0.0194	0.00000486	18.8	0.0000159	0.000332
2103 Oct	81.1	0.0775	0.15	0.00196	18.8	0.036	18.3	0.00108	0.000841	0.00000438	0.0058	0.00171	0.025	0.0184	0.00000473	18.2	0.0000154	0.000325
2103 Nov	81.1	0.0786	0.151	0.00196	18.8	0.0362	18.4	0.00108	0.000836	0.00000436	0.00579	0.00171	0.0252	0.0182	0.00000471	18	0.0000154	0.000323
2103 Dec	81.1	0.0786	0.151	0.00196	18.8	0.0362	18.4	0.00108	0.000836	0.00000436	0.00579	0.00171	0.0252	0.0183	0.00000471	18.1	0.0000154	0.000324
2104 Jan	81.1	0.0786	0.151	0.00196	18.8	0.0362	18.4	0.00108	0.000836	0.00000436	0.00579	0.00171	0.0252	0.0183	0.00000471	18.1	0.0000154	0.000324
2104 Feb	81.1	0.0786	0.151	0.00196	18.8	0.0362	18.4	0.00108	0.000836	0.00000436	0.00579	0.00171	0.0252	0.0183	0.00000471	18.1	0.0000154	0.000324
2104 Mar	81.2	0.0787	0.151	0.00196	18.8	0.0363	18.4	0.00108	0.000837	0.00000436	0.0058	0.00171	0.0252	0.0183	0.00000471	18.1	0.0000154	0.000324
2104 Apr	81.7	0.0791	0.152	0.00197	18.9	0.0365	18.5	0.00109	0.000842	0.00000439	0.00583	0.00172	0.0254	0.0184	0.00000474	18.2	0.0000155	0.000326
2104 May	84.2	0.0792	0.147	0.00194	19.5	0.0353	18.2	0.00109	0.000854	0.00000445	0.00588	0.00177	0.0246	0.0206	0.00000478	19.7	0.0000161	0.000343
2104 Jun	84.6	0.0753	0.152	0.00194	19.4	0.0329	18.8	0.00106	0.000811	0.00000424	0.00554	0.00178	0.0249	0.0204	0.00000459	19.6	0.0000161	0.000348
2104 Jul	85.7	0.0754	0.154	0.00199	19.5	0.0339	19.1	0.0011	0.000839	0.00000438	0.00571	0.00181	0.0254	0.0205	0.00000475	19.8	0.0000165	0.000352
2104 Aug	85.9	0.0754	0.152	0.002	19.6	0.0348	19	0.00112	0.000861	0.00000449	0.00581	0.00182	0.0255	0.0207	0.00000485	19.9	0.0000164	0.000352
2104 Sep	83.5	0.0749	0.144	0.00194	19.1	0.0351	18.2	0.0011	0.000859	0.00000447	0.0058	0.00177	0.0248	0.0202	0.00000481	19.5	0.0000159	0.000342
2104 Oct	82.3	0.0772	0.144	0.00192	18.9	0.0356	18.3	0.00109	0.000843	0.00000439	0.00578	0.00175	0.0248	0.0194	0.00000473	18.9	0.0000155	0.000334
2104 Nov	82.3	0.0781	0.145	0.00193	18.9	0.0358	18.4	0.00109	0.000838	0.00000437	0.00578	0.00175	0.025	0.0192	0.00000471	18.8	0.0000155	0.000333
2104 Dec	82.3	0.0781	0.145	0.00193	18.9	0.0358	18.4	0.00109	0.000838	0.00000437	0.00578	0.00175	0.025	0.0192	0.00000472	18.8	0.0000155	0.000333
2105 Jan	82.3	0.0781	0.145	0.00193	18.9	0.0358	18.4	0.00109	0.000838	0.00000437	0.00578	0.00175	0.025	0.0192	0.00000472	18.8	0.0000155	0.000333
2105 Feb	82.3	0.0781	0.145	0.00193	18.9	0.0358	18.4	0.00109	0.000838	0.00000437	0.00578	0.00175	0.025	0.0192	0.00000472	18.8	0.0000155	0.000333
2105 Mar	82.3	0.0781	0.145	0.00193	18.9	0.0358	18.5	0.00109	0.000839	0.00000437	0.00578	0.00175	0.025	0.0192	0.00000472	18.8	0.0000155	0.000333
2105 Apr	82.6	0.0784	0.145	0.00194	19	0.0359	18.5	0.00109	0.000841	0.00000439	0.0058	0.00175	0.0251	0.0193	0.00000473	18.9	0.0000155	0.000334
2105 May	84.6	0.0784	0.142	0.00191	19.4	0.0349	18.3	0.00109	0.000848	0.00000442	0.00582	0.00179	0.0246	0.0209	0.00000475	20.1	0.000016	0.000348
2105 Jun	86.8	0.0776	0.144	0.00192	19.8	0.0338	18.8	0.00109	0.000842	0.00000439	0.00575	0.00183	0.0247	0.0219	0.00000474	20.8	0.0000164	0.00036
2105 Jul	88.2	0.0783	0.145	0.00196	20.1	0.0349	18.9	0.00113	0.000874	0.00000455	0.00594	0.00187	0.0251	0.0224	0.0000049	21.2	0.0000168	0.000365
2105 Aug	84.7	0.0748	0.137	0.0019	19.4	0.0353	18.2	0.00111	0.000869	0.00000452	0.0058	0.00181	0.0244	0.0213	0.00000485	20.3	0.0000157	0.000349
2105 Sep	83.1	0.0762	0.141	0.00191	19	0.0361	18.7	0.00109	0.000835	0.00000436	0.00562	0.00177	0.0252	0.0196	0.00000471	19.2	0.0000148	0.000337
2105 Oct	82.5	0.0785	0.143	0.00192	18.9	0.0364	19.1	0.00108	0.000815	0.00000426	0.00558	0.00176	0.0256	0.0187	0.00000462	18.6	0.0000146	0.000331
2105 Nov	82.3	0.0794	0.144	0.00192	18.8	0.0365	19.3	0.00107	0.000807	0.00000423	0.00557	0.00176	0.0257	0.0183	0.00000459	18.4	0.0000145	0.000328
2105 Dec	82.3	0.0794	0.144	0.00192	18.8	0.0366	19.3	0.00108	0.000808	0.00000423	0.00557	0.00176	0.0257	0.0184	0.00000459	18.4	0.0000145	0.000329
2106 Jan	82.3	0.0794	0.144	0.00192	18.8	0.0366	19.3	0.00108	0.000808	0.00000423	0.00557	0.00176	0.0257	0.0184	0.00000459	18.4	0.0000145	0.000329
2106 Feb	82.3	0.0794	0.144	0.00192	18.8	0.0366	19.3	0.00108	0.000808	0.00000423	0.00557	0.00176	0.0257	0.0184	0.00000459	18.4	0.0000145	0.000329
2106 Mar	82.4	0.0794	0.144	0.00192	18.8	0.0366	19.3	0.00108	0.000808	0.00000423	0.00558	0.00176	0.0257	0.0184	0.0000046	18.4	0.0000145	0.000329
2106 Apr	82.7	0.0797	0.145	0.00193	18.9	0.0367	19.4	0.00108	0.000811	0.00000425	0.0056	0.00177	0.0259	0.0184	0.00000461	18.5	0.0000146	0.00033
2106 May	84	0.0804	0.143	0.00193	19.2	0.0366	19.3	0.00109	0.000826	0.00000432	0.00569	0.00179	0.0257	0.0194	0.00000468	19.1	0.000015	0.000338

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Jun	83.4	0.0735	0.142	0.0019	18.7	0.0335	19.2	0.00107	0.0008	0.00000419	0.00549	0.00179	0.0253	0.0194	0.00000456	19	0.0000156	0.000342
2106 Jul	84.6	0.0729	0.146	0.00196	18.8	0.0346	19.8	0.00111	0.00083	0.00000435	0.00568	0.00183	0.0262	0.0191	0.00000473	19	0.0000162	0.000346
2106 Aug	82.1	0.0703	0.138	0.00192	18.3	0.0353	18.9	0.00111	0.000845	0.00000441	0.00567	0.00179	0.0254	0.0189	0.00000477	18.6	0.0000155	0.000335
2106 Sep	80.5	0.0712	0.135	0.00188	18	0.0359	18.6	0.0011	0.000833	0.00000435	0.0056	0.00175	0.0252	0.0182	0.0000047	18.1	0.0000148	0.000326
2106 Oct	80.6	0.0734	0.136	0.00189	18.1	0.0362	18.9	0.00109	0.000824	0.00000431	0.00561	0.00175	0.0255	0.0179	0.00000467	18	0.0000147	0.000325
2106 Nov	80.8	0.0736	0.136	0.00189	18.1	0.0363	18.9	0.0011	0.000826	0.00000432	0.00562	0.00176	0.0255	0.018	0.00000468	18	0.0000147	0.000325
2106 Dec	80.9	0.0737	0.136	0.00189	18.1	0.0363	18.9	0.0011	0.000826	0.00000432	0.00562	0.00176	0.0255	0.018	0.00000468	18	0.0000147	0.000326
2107 Jan	80.9	0.0737	0.136	0.00189	18.1	0.0363	19	0.0011	0.000826	0.00000432	0.00562	0.00176	0.0255	0.018	0.00000468	18	0.0000147	0.000326
2107 Feb	80.9	0.0737	0.136	0.00189	18.1	0.0363	19	0.0011	0.000827	0.00000432	0.00563	0.00176	0.0255	0.018	0.00000468	18.1	0.0000147	0.000326
2107 Mar	80.9	0.0737	0.137	0.0019	18.1	0.0364	19	0.0011	0.000827	0.00000433	0.00563	0.00176	0.0256	0.018	0.00000469	18.1	0.0000147	0.000326
2107 Apr	81.1	0.0739	0.137	0.0019	18.2	0.0364	19	0.0011	0.000829	0.00000433	0.00564	0.00176	0.0256	0.018	0.0000047	18.1	0.0000148	0.000327
2107 May	82.5	0.0743	0.136	0.00189	18.5	0.0359	19	0.0011	0.000832	0.00000435	0.00565	0.00179	0.0254	0.019	0.00000471	18.8	0.0000151	0.000335
2107 Jun	85	0.0734	0.135	0.00187	19	0.034	19.2	0.0011	0.000823	0.0000043	0.00559	0.00183	0.0252	0.0205	0.00000466	19.9	0.0000158	0.000351
2107 Jul	84.5	0.0721	0.132	0.00188	18.9	0.0347	18.9	0.00111	0.000848	0.00000442	0.00571	0.00184	0.0249	0.0206	0.00000478	19.9	0.0000159	0.000349
2107 Aug	86.1	0.0731	0.134	0.00191	19.2	0.0359	19.1	0.00115	0.000879	0.00000458	0.00588	0.00188	0.0254	0.0211	0.00000493	20.4	0.0000161	0.000355
2107 Sep	85.3	0.0746	0.13	0.00189	19.1	0.0365	18.7	0.00115	0.000888	0.00000462	0.00599	0.00186	0.025	0.0211	0.00000496	20.3	0.0000161	0.000352
2107 Oct	83.6	0.0755	0.125	0.00185	18.8	0.0365	18.2	0.00113	0.000884	0.00000459	0.00603	0.00182	0.0245	0.0208	0.00000493	20	0.0000159	0.000344
2107 Nov	83.1	0.0759	0.124	0.00184	18.7	0.0366	18.1	0.00113	0.000882	0.00000458	0.00604	0.00181	0.0243	0.0206	0.00000491	19.9	0.0000159	0.000341
2107 Dec	83.2	0.0759	0.124	0.00184	18.7	0.0366	18.1	0.00113	0.000883	0.00000458	0.00604	0.00181	0.0243	0.0206	0.00000491	19.9	0.0000159	0.000342
2108 Jan	83.2	0.0759	0.124	0.00184	18.7	0.0366	18.1	0.00113	0.000883	0.00000459	0.00604	0.00181	0.0243	0.0206	0.00000491	19.9	0.0000159	0.000342
2108 Feb	83.2	0.0759	0.124	0.00184	18.7	0.0366	18.1	0.00113	0.000883	0.00000459	0.00604	0.00181	0.0243	0.0206	0.00000491	19.9	0.0000159	0.000342
2108 Mar	83.3	0.076	0.124	0.00184	18.7	0.0366	18.1	0.00113	0.000884	0.00000459	0.00604	0.00181	0.0244	0.0207	0.00000492	19.9	0.0000159	0.000342
2108 Apr	83.9	0.0766	0.125	0.00186	18.9	0.0369	18.3	0.00114	0.00089	0.00000463	0.00609	0.00183	0.0246	0.0208	0.00000496	20.1	0.000016	0.000345
2108 May	85.4	0.0779	0.127	0.00188	19.2	0.0374	18.5	0.00116	0.000906	0.0000047	0.00619	0.00186	0.0249	0.0213	0.00000504	20.5	0.0000163	0.000351
2108 Jun	81.9	0.0705	0.12	0.00181	18.1	0.0347	17.6	0.00113	0.000885	0.00000459	0.0061	0.00178	0.0239	0.0203	0.00000491	19.6	0.0000168	0.000342
2108 Jul	84.4	0.0716	0.124	0.00188	18.6	0.0359	18.3	0.00117	0.000921	0.00000478	0.00636	0.00184	0.0249	0.0207	0.00000512	20	0.0000176	0.000353
2108 Aug	87.5	0.0743	0.128	0.00195	19.3	0.0376	18.9	0.00122	0.000964	0.000005	0.00664	0.00191	0.0259	0.0215	0.00000535	20.8	0.0000182	0.000366
2108 Sep	87	0.075	0.126	0.00194	19.3	0.038	18.6	0.00123	0.000971	0.00000503	0.00669	0.0019	0.0257	0.0215	0.00000537	20.7	0.0000182	0.000364
2108 Oct	81.5	0.0758	0.112	0.00181	18.2	0.0375	17	0.00117	0.000945	0.00000488	0.00664	0.00178	0.0238	0.0205	0.00000518	19.7	0.0000174	0.00034
2108 Nov	80.8	0.0763	0.11	0.00179	18	0.0375	16.7	0.00117	0.000943	0.00000487	0.00666	0.00176	0.0235	0.0204	0.00000516	19.6	0.0000173	0.000336
2108 Dec	80.8	0.0763	0.11	0.00179	18	0.0375	16.7	0.00117	0.000943	0.00000487	0.00666	0.00177	0.0235	0.0204	0.00000517	19.6	0.0000173	0.000336
2109 Jan	80.8	0.0763	0.11	0.00179	18	0.0375	16.7	0.00117	0.000944	0.00000487	0.00666	0.00177	0.0235	0.0204	0.00000517	19.6	0.0000173	0.000337
2109 Feb	80.8	0.0763	0.11	0.00179	18	0.0375	16.7	0.00117	0.000944	0.00000487	0.00666	0.00177	0.0235	0.0204	0.00000517	19.6	0.0000173	0.000337
2109 Mar	80.9	0.0764	0.11	0.00179	18.1	0.0376	16.8	0.00117	0.000945	0.00000488	0.00667	0.00177	0.0235	0.0204	0.00000517	19.7	0.0000173	0.000337
2109 Apr	81.4	0.0768	0.111	0.0018	18.2	0.0377	16.8	0.00117	0.00095	0.0000049	0.0067	0.00178	0.0237	0.0205	0.0000052	19.8	0.0000174	0.000339
2109 May	83.7	0.0772	0.112	0.0018	18.7	0.0369	17.2	0.00117	0.000944	0.00000488	0.00663	0.00182	0.0236	0.0218	0.00000518	20.7	0.0000176	0.000351
2109 Jun	87.7	0.0769	0.118	0.00182	19.6	0.0355	18.2	0.00116	0.000921	0.00000477	0.0064	0.00189	0.0242	0.0232	0.00000509	21.9	0.0000178	0.000371
2109 Jul	87.8	0.0761	0.116	0.00184	19.6	0.0363	18	0.00119	0.000948	0.0000049	0.00654	0.0019	0.0242	0.0233	0.00000522	22	0.000018	0.00037
2109 Aug	88.5	0.0761	0.116	0.00186	19.8	0.0375	18	0.00121	0.000977	0.00000505	0.00667	0.00193	0.0244	0.0237	0.00000536	22.2	0.000018	0.000372
2109 Sep	86.4	0.0766	0.111	0.00182	19.4	0.0377	17.5	0.0012	0.000968	0.000005	0.00665	0.00188	0.0239	0.0231	0.0000053	21.7	0.0000176	0.000362
2109 Oct	85	0.0792	0.116	0.00182	19.1	0.0379	18.3	0.00116	0.000916	0.00000475	0.00641	0.00184	0.0246	0.0212	0.00000507	20.5	0.0000167	0.000349
2109 Nov	85.2	0.0797	0.117	0.00183	19.1	0.0381	18.5	0.00116	0.000914	0.00000474	0.00641	0.00185	0.0248	0.0212	0.00000507	20.5	0.0000167	0.00035
2109 Dec	85.2	0.0798	0.117	0.00183	19.2	0.0381	18.5	0.00116	0.000915	0.00000475	0.00642	0.00185	0.0248	0.0212	0.00000507	20.5	0.0000167	0.00035
2110 Jan	85.3	0.0798	0.117	0.00183	19.2	0.0381	18.5	0.00116	0.000915	0.00000475	0.00642	0.00185	0.0248	0.0212	0.00000507	20.5	0.0000167	0.00035
2110 Feb	85.3	0.0798	0.117	0.00183	19.2	0.0381	18.5	0.00116	0.000915	0.00000475	0.00642	0.00185	0.0248	0.0212	0.00000508	20.5	0.0000167	0.00035
2110 Mar	85.3	0.0799	0.117	0.00183	19.2	0.0382	18.5	0.00116	0.000916	0.00000475	0.00642	0.00185	0.0248	0.0212	0.00000508	20.5	0.0000167	0.00035
2110 Apr	85.6	0.0801	0.117	0.00183	19.2	0.0383	18.5	0.00117	0.000919	0.00000477	0.00644	0.00185	0.0249	0.0213	0.00000509	20.6	0.0000168	0.000351
2110 May	86.7	0.0806	0.118	0.00184	19.5	0.0383	18.7	0.00118	0.000925	0.0000048	0.00648	0.00188	0.025	0.0218	0.00000513	21	0.000017	0.000357
2110 Jun	88.2	0.0755	0.126	0.00186	19.5	0.0352	19.7	0.00115	0.000869	0.00000453	0.00603	0.0019	0.0256	0.0217	0.00000489	21	0.000017	0.000366
2110 Jul	88.7	0.0748	0.127	0.00189	19.5	0.036	19.9	0.00118	0.000895	0.00000466	0.00619	0.00193	0.026	0.0216	0.00000503	21	0.0000174	0.000368
2110 Aug	85	0.0707	0.126	0.00187	18.7	0.0372	19.8	0.00116	0.00087	0.00000454	0.00582	0.00188	0.026	0.0198	0.00000491	19.5	0.0000154	0.000345
2110 Sep	84.3	0.0749	0.128	0.00188	18.5	0.0378	20.4	0.00114	0.000838	0.00000439	0.00573	0.00187	0.0266	0.0186	0.00000478	18.9	0.0000149	0.000337
2110 Oct	83.8	0.0798	0.13	0.00188	18.4	0.0383	20.8	0.00113	0.000815	0.00000428	0.00575	0.00186	0.027	0.0177	0.00000468	18.4	0.0000147	0.000331
2110 Nov	83.6	0.0802	0.131	0.00188	18.3	0.0383	20.9	0.00113	0.000809	0.00000425	0.00573	0.00186	0.027	0.0176	0.00000466	18.2	0.0000147	0.00033
2110 Dec	83.7	0.0803	0.131	0.00188	18.3	0.0383	20.9	0.00113	0.000809	0.00000426	0.00573	0.00186	0.027	0.0176	0.00000466	18.3	0.0000147	0.00033
2111 Jan	83.7	0.0803	0.131	0.00188	18.3	0.0383	20.9	0.00113	0.000809	0.00000426	0.00573	0.00186	0.0271	0.0176	0.00000466	18.3	0.0000147	0.00033
2111 Feb	83.7	0.0803	0.131	0.00188	18.3	0.0383	20.9	0.00113	0.00081	0.00000426	0.00573	0.00186	0.0271	0.0176	0.00000466	18.3	0.0000147	0.00033
2111 Mar	83.8	0.0804	0.131	0.00189	18.3	0.0384	21	0.00113	0.000811	0.00000426	0.00574	0.00186	0.0271	0.0176	0.00000466	18.3	0.0000147	0.000331
2111 Apr	84.3	0.0809	0.132	0.0019	18.4	0.0386	21.1	0.00114	0.000815	0.00000429	0.00577	0.00187	0.0272	0.0177	0.00000469	18.4	0.0000148	0.000332
2111 May	85.9	0.0812	0.13	0.00189	18.8	0.0382	21	0.00115	0.000829	0.00000435	0.00584	0.0019	0.027	0.0189	0.00000475	19.3	0.0000152	0.000343
2111 Jun	87.5	0.0766	0.126	0.00184	19	0.035	20.5	0.00113	0.000822	0.00000431	0.00571	0.00193	0.0259	0.0209	0.00000469	20.6	0.000016	0.00036
2111 Jul	90.2	0.0784	0.129	0.00191	19.6	0.0364	21.1	0.00118	0.000863	0.00000452	0.006	0.002	0.0268	0.0216	0.00000492	21.2	0.0000168	0.000371
2111 Aug	86.2	0.0743	0.121	0.00184	18.7	0.0367	19.9	0.00116	0.000866	0.00000452	0.00588	0.00192	0.0256	0.0208	0.00000489	20.4	0.0000157	0.000353
2111 Sep	84.8	0.0742	0.119	0.00183	18.5	0.0373	19.7	0.00116	0.000862	0.0000045	0.00584	0.0019	0.0256	0.0201	0.00000486	20	0.0000152	0.000346
2111 Oct	84.1	0.0764	0.122	0.00183	18.3	0.0375	20.2	0.00114	0.000831	0.00000436	0.00574	0.00188	0.0261	0.0191	0.00000474	19.3	0.0000148	0.000339
2111 Nov	83.6	0.0781	0.123	0.00183	18.1	0.0377	20.5	0.00113	0.000816	0.00000428	0.00571	0.00188	0.0264	0.0185	0.00000467	18.9	0.0000147	0.000335
2111 Dec	83.7	0.0782	0.123	0.00183	18.1	0.0377	20.5	0.00113	0.000816	0.00000428	0.00571	0.00188	0.0264	0.0185	0.00000467	18.9	0.0000147	0.000335

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2112 Jan	83.7	0.0782	0.123	0.00183	18.1	0.0377	20.5	0.00113	0.000816	0.00000428	0.00571	0.00188	0.0264	0.0185	0.00000467	18.9	0.0000147	0.000335
2112 Feb	83.7	0.0782	0.123	0.00183	18.1	0.0377	20.5	0.00113	0.000816	0.00000429	0.00571	0.00188	0.0264	0.0185	0.00000467	18.9	0.0000147	0.000335
2112 Mar	83.8	0.0783	0.123	0.00183	18.2	0.0378	20.5	0.00114	0.000818	0.00000429	0.00572	0.00188	0.0264	0.0185	0.00000468	18.9	0.0000147	0.000336
2112 Apr	84.3	0.0787	0.124	0.00184	18.3	0.038	20.6	0.00114	0.000822	0.00000431	0.00575	0.00189	0.0266	0.0186	0.00000471	19	0.0000148	0.000337
2112 May	86.2	0.0789	0.122	0.00183	18.7	0.0372	20.6	0.00115	0.000832	0.00000436	0.00579	0.00192	0.0262	0.02	0.00000475	20	0.0000153	0.00035
2112 Jun	85.9	0.0719	0.125	0.00181	18.2	0.0336	21.1	0.00111	0.000774	0.00000408	0.00536	0.00193	0.0262	0.0196	0.00000449	19.7	0.0000154	0.000353
2112 Jul	85.8	0.0704	0.126	0.00185	18	0.0342	21.4	0.00114	0.000794	0.00000419	0.0055	0.00194	0.0268	0.0191	0.0000046	19.4	0.0000158	0.000352
2112 Aug	87.1	0.0716	0.127	0.00188	18.3	0.0354	21.5	0.00117	0.000822	0.00000433	0.00565	0.00198	0.0271	0.0195	0.00000474	19.8	0.000016	0.000358
2112 Sep	85.4	0.0715	0.121	0.00184	18	0.0358	20.8	0.00116	0.000829	0.00000435	0.0057	0.00194	0.0265	0.0193	0.00000475	19.5	0.0000157	0.000351
2112 Oct	84.2	0.0724	0.119	0.00181	17.8	0.0359	20.4	0.00115	0.000826	0.00000433	0.00572	0.00191	0.0261	0.0191	0.00000472	19.3	0.0000155	0.000345
2112 Nov	84.2	0.0727	0.118	0.00181	17.9	0.036	20.4	0.00115	0.000826	0.00000433	0.00573	0.00191	0.0261	0.0191	0.00000472	19.3	0.0000155	0.000345
2112 Dec	84.2	0.0728	0.119	0.00181	17.9	0.036	20.4	0.00115	0.000827	0.00000434	0.00573	0.00191	0.0261	0.0191	0.00000472	19.3	0.0000155	0.000345
2113 Jan	84.2	0.0728	0.119	0.00181	17.9	0.036	20.4	0.00115	0.000827	0.00000434	0.00573	0.00191	0.0261	0.0191	0.00000472	19.3	0.0000155	0.000345
2113 Feb	84.2	0.0728	0.119	0.00181	17.9	0.036	20.4	0.00115	0.000827	0.00000434	0.00573	0.00191	0.0261	0.0191	0.00000473	19.3	0.0000155	0.000345
2113 Mar	84.5	0.073	0.119	0.00182	17.9	0.0361	20.5	0.00116	0.000829	0.00000435	0.00575	0.00191	0.0262	0.0191	0.00000474	19.4	0.0000156	0.000346
2113 Apr	84.9	0.0733	0.119	0.00183	18	0.0363	20.6	0.00116	0.000833	0.00000437	0.00578	0.00192	0.0263	0.0192	0.00000476	19.5	0.0000156	0.000347
2113 May	86.5	0.074	0.118	0.00182	18.4	0.0359	20.4	0.00117	0.000844	0.00000442	0.00584	0.00195	0.026	0.0205	0.0000048	20.3	0.000016	0.000357
2113 Jun	88.1	0.0722	0.119	0.0018	18.7	0.0339	20.9	0.00115	0.000813	0.00000427	0.00562	0.00198	0.026	0.0211	0.00000467	20.9	0.0000162	0.000367
2113 Jul	88.9	0.072	0.119	0.00183	18.8	0.035	21	0.00118	0.000845	0.00000443	0.00579	0.002	0.0263	0.0214	0.00000482	21.1	0.0000165	0.000369
2113 Aug	89.2	0.0721	0.118	0.00184	18.9	0.036	20.9	0.0012	0.00087	0.00000456	0.0059	0.00202	0.0263	0.0217	0.00000494	21.3	0.0000165	0.00037
2113 Sep	86.9	0.0725	0.113	0.0018	18.5	0.0363	20.2	0.00118	0.000868	0.00000453	0.00592	0.00197	0.0256	0.0212	0.00000491	20.8	0.0000161	0.00036
2113 Oct	84.8	0.0756	0.114	0.00177	18.1	0.0366	20.6	0.00115	0.000819	0.0000043	0.00575	0.00192	0.0261	0.0193	0.00000468	19.6	0.0000153	0.000345
2113 Nov	84.7	0.0769	0.114	0.00178	18	0.0369	20.9	0.00114	0.000811	0.00000426	0.00575	0.00192	0.0263	0.019	0.00000466	19.3	0.0000152	0.000342
2113 Dec	84.8	0.077	0.114	0.00178	18	0.0369	20.9	0.00114	0.000812	0.00000427	0.00575	0.00192	0.0263	0.019	0.00000466	19.4	0.0000152	0.000343
2114 Jan	84.8	0.077	0.114	0.00178	18	0.0369	20.9	0.00115	0.000812	0.00000427	0.00575	0.00192	0.0263	0.019	0.00000466	19.4	0.0000152	0.000343
2114 Feb	84.8	0.077	0.114	0.00178	18	0.037	20.9	0.00115	0.000812	0.00000427	0.00575	0.00192	0.0263	0.019	0.00000466	19.4	0.0000152	0.000343
2114 Mar	84.9	0.0771	0.115	0.00178	18.1	0.037	20.9	0.00115	0.000813	0.00000427	0.00576	0.00192	0.0263	0.019	0.00000467	19.4	0.0000152	0.000343
2114 Apr	85.2	0.0774	0.115	0.00179	18.1	0.0371	21	0.00115	0.000816	0.00000429	0.00578	0.00193	0.0264	0.0191	0.00000468	19.5	0.0000152	0.000344
2114 May	87.2	0.0771	0.114	0.00178	18.6	0.0362	21	0.00115	0.000817	0.00000429	0.00575	0.00196	0.0262	0.0204	0.00000468	20.4	0.0000156	0.000356
2114 Jun	90.1	0.0762	0.115	0.00178	19.2	0.035	21.2	0.00116	0.000828	0.00000435	0.00578	0.00202	0.0261	0.022	0.00000474	21.7	0.0000164	0.000375
2114 Jul	93.5	0.0786	0.118	0.00186	19.9	0.0367	21.9	0.00122	0.000874	0.00000458	0.00609	0.0021	0.0271	0.0229	0.00000499	22.5	0.0000172	0.000389
2114 Aug	97.1	0.0816	0.122	0.00193	20.6	0.0384	22.7	0.00127	0.000916	0.0000048	0.00636	0.00218	0.0281	0.0239	0.00000522	23.4	0.0000178	0.000404
2114 Sep	93	0.081	0.113	0.00185	19.9	0.0384	21.3	0.00124	0.000912	0.00000476	0.00636	0.00209	0.0268	0.0232	0.00000515	22.7	0.0000172	0.000386
2114 Oct	88.5	0.0815	0.104	0.00176	19.1	0.0381	19.9	0.0012	0.000898	0.00000468	0.00636	0.00199	0.0254	0.0223	0.00000503	21.8	0.0000167	0.000367
2114 Nov	86.8	0.0818	0.104	0.00174	18.7	0.038	20	0.00118	0.00087	0.00000454	0.00623	0.00195	0.0254	0.0211	0.0000049	20.9	0.0000162	0.000356
2114 Dec	86.8	0.0818	0.105	0.00175	18.7	0.038	20.1	0.00118	0.000869	0.00000454	0.00622	0.00195	0.0255	0.0211	0.0000049	20.9	0.0000162	0.000356
2115 Jan	86.9	0.0818	0.105	0.00175	18.7	0.038	20.1	0.00118	0.000869	0.00000454	0.00623	0.00195	0.0255	0.0211	0.0000049	20.9	0.0000162	0.000356
2115 Feb	86.9	0.0818	0.105	0.00175	18.7	0.0381	20.1	0.00118	0.000869	0.00000454	0.00623	0.00195	0.0255	0.0211	0.0000049	20.9	0.0000162	0.000356
2115 Mar	86.9	0.0819	0.105	0.00175	18.7	0.0381	20.1	0.00118	0.00087	0.00000454	0.00623	0.00195	0.0255	0.0211	0.0000049	20.9	0.0000162	0.000357
2115 Apr	87.3	0.0823	0.105	0.00176	18.8	0.0383	20.2	0.00119	0.000874	0.00000456	0.00626	0.00196	0.0256	0.0212	0.00000493	21	0.0000163	0.000358
2115 May	89.1	0.0813	0.105	0.00174	19.2	0.0371	20.2	0.00118	0.00087	0.00000454	0.00619	0.00199	0.0254	0.0224	0.00000491	21.9	0.0000165	0.000369
2115 Jun	93.1	0.0818	0.108	0.00178	20	0.0368	21	0.00121	0.000885	0.00000462	0.00625	0.00207	0.0259	0.0239	0.000005	23.2	0.0000172	0.000389
2115 Jul	95.2	0.0831	0.11	0.00183	20.5	0.0383	21.3	0.00125	0.000925	0.00000482	0.00647	0.00213	0.0265	0.0246	0.0000052	23.8	0.0000177	0.000398
2115 Aug	90.1	0.0782	0.101	0.00175	19.4	0.0382	19.8	0.00122	0.00092	0.00000478	0.00631	0.00203	0.0251	0.0236	0.00000513	22.7	0.0000165	0.000375
2115 Sep	88.5	0.0775	0.0979	0.00173	19.2	0.0386	19.3	0.00121	0.000923	0.00000479	0.0063	0.002	0.0248	0.0232	0.00000513	22.3	0.0000161	0.000369
2115 Oct	88.2	0.0782	0.0978	0.00173	19.1	0.0387	19.3	0.00121	0.00092	0.00000478	0.00631	0.00199	0.0248	0.0229	0.00000512	22.2	0.000016	0.000366
2115 Nov	88.1	0.0791	0.1	0.00174	19	0.0389	19.9	0.0012	0.000901	0.00000469	0.00624	0.00199	0.0253	0.0222	0.00000505	21.7	0.0000159	0.000363
2115 Dec	88.2	0.0792	0.1	0.00174	19	0.0389	19.9	0.0012	0.000901	0.00000469	0.00624	0.00199	0.0253	0.0222	0.00000504	21.7	0.0000159	0.000363
2116 Jan	88.2	0.0792	0.1	0.00174	19	0.0389	19.9	0.0012	0.000901	0.00000469	0.00624	0.00199	0.0253	0.0222	0.00000505	21.7	0.0000159	0.000363
2116 Feb	88.2	0.0793	0.1	0.00174	19	0.0389	19.9	0.0012	0.000901	0.00000469	0.00625	0.00199	0.0254	0.0222	0.00000505	21.7	0.0000159	0.000363
2116 Mar	88.3	0.0793	0.101	0.00174	19.1	0.0389	19.9	0.0012	0.000902	0.0000047	0.00625	0.00199	0.0254	0.0222	0.00000505	21.7	0.0000159	0.000364
2116 Apr	88.7	0.0797	0.101	0.00175	19.1	0.0391	20	0.00121	0.000906	0.00000472	0.00628	0.002	0.0255	0.0223	0.00000507	21.8	0.000016	0.000365
2116 May	90.3	0.0797	0.101	0.00174	19.5	0.0383	20.1	0.00121	0.000908	0.00000473	0.00628	0.00203	0.0253	0.0233	0.00000508	22.6	0.0000163	0.000375
2116 Jun	91.5	0.0742	0.112	0.00177	19.2	0.0352	22	0.00118	0.000826	0.00000435	0.00574	0.00206	0.0267	0.0221	0.00000475	21.9	0.0000164	0.00038
2116 Jul	94.2	0.0755	0.115	0.00185	19.7	0.0365	22.8	0.00123	0.000865	0.00000455	0.00602	0.00213	0.0278	0.0224	0.00000497	22.3	0.0000172	0.000391
2116 Aug	96.5	0.0775	0.117	0.0019	20.2	0.0379	23.2	0.00127	0.000899	0.00000472	0.00623	0.00219	0.0285	0.023	0.00000515	22.9	0.0000176	0.000401
2116 Sep	91.4	0.0773	0.108	0.0018	19.3	0.0378	21.6	0.00123	0.000887	0.00000464	0.0062	0.00207	0.0269	0.022	0.00000503	21.9	0.0000168	0.000379
2116 Oct	88.6	0.0797	0.105	0.00176	18.7	0.0382	21.2	0.0012	0.000862	0.00000452	0.00616	0.00201	0.0265	0.0208	0.0000049	21	0.0000162	0.000363
2116 Nov	88.6	0.0804	0.105	0.00176	18.7	0.0384	21.3	0.0012	0.000862	0.00000451	0.00617	0.00201	0.0266	0.0207	0.0000049	20.9	0.0000162	0.000362
2116 Dec	88.6	0.0804	0.105	0.00176	18.7	0.0384	21.3	0.0012	0.000862	0.00000452	0.00617	0.00201	0.0266	0.0207	0.0000049	20.9	0.0000162	0.000362
2117 Jan	88.6	0.0804	0.105	0.00176	18.7	0.0384	21.3	0.0012	0.000862	0.00000452	0.00617	0.00201	0.0266	0.0207	0.0000049	20.9	0.0000162	0.000362
2117 Feb	88.6	0.0804	0.105	0.00176	18.7	0.0384	21.3	0.0012	0.000862	0.00000452	0.00617	0.00201	0.0266	0.0207	0.00000491	20.9	0.0000162	0.000362
2117 Mar	88.7	0.0805	0.105	0.00176	18.7	0.0384	21.3	0.0012	0.000863	0.00000452	0.00618	0.00201	0.0266	0.0207	0.00000491	20.9	0.0000162	0.000362
2117 Apr	89.2	0.081	0.106	0.00177	18.9	0.0386	21.4	0.00121	0.000868	0.00000455	0.00622	0.00202	0.0268	0.0208	0.00000494	21	0.0000163	0.000364
2117 May	90.7	0.0811	0.104	0.00176	19.2	0.0381	21.3	0.00121	0.000878	0.00000459	0.00626	0.00205	0.0264	0.022	0.00000498	21.9	0.0000167	0.000374
2117 Jun	93.3	0.0797	0.106	0.00177	19.7	0.0368	21.6	0.00122	0.000879	0.0000046	0.00622	0.0021	0.0265	0.0234	0.00000499	22.9	0.0000173	0.00039
2117 Jul	96.2	0.0817	0.108	0.00183	20.3	0.0384	22.2	0.00127	0.000922	0.00000482	0.00649	0.00217	0.0272	0.0242	0.00000522	23.7	0.0000179	0.000401

Appendix C.2-8: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2117 Aug	96.7	0.082	0.107	0.00185	20.5	0.0394	22.1	0.00129	0.000945	0.00000493	0.0066	0.00219	0.0274	0.0245	0.00000533	23.9	0.0000179	0.000403
2117 Sep	96.5	0.0829	0.106	0.00185	20.5	0.0399	21.9	0.0013	0.000955	0.00000498	0.00668	0.00218	0.0273	0.0245	0.00000537	23.9	0.0000179	0.000402
2117 Oct	94.1	0.0833	0.101	0.0018	20	0.0398	21.1	0.00128	0.000949	0.00000494	0.00669	0.00213	0.0265	0.024	0.00000532	23.4	0.0000177	0.000392
2117 Nov	93.2	0.0835	0.0999	0.00179	19.9	0.0397	20.9	0.00127	0.000947	0.00000493	0.0067	0.00211	0.0262	0.0239	0.0000053	23.2	0.0000176	0.000388
2117 Dec	93.2	0.0835	0.0998	0.00178	19.9	0.0397	20.8	0.00127	0.000947	0.00000493	0.0067	0.00211	0.0262	0.0239	0.0000053	23.2	0.0000176	0.000388
2118 Jan	93.2	0.0835	0.0998	0.00178	19.9	0.0397	20.9	0.00127	0.000947	0.00000493	0.0067	0.00211	0.0262	0.0239	0.0000053	23.3	0.0000176	0.000388
2118 Feb	93.2	0.0835	0.0999	0.00179	19.9	0.0397	20.9	0.00127	0.000948	0.00000493	0.0067	0.00211	0.0262	0.0239	0.0000053	23.3	0.0000176	0.000388
2118 Mar	93.3	0.0836	0.0999	0.00179	19.9	0.0397	20.9	0.00127	0.000948	0.00000493	0.0067	0.00211	0.0262	0.0239	0.0000053	23.3	0.0000176	0.000388
2118 Apr	93.8	0.084	0.1	0.00179	20	0.0398	20.9	0.00127	0.000952	0.00000495	0.00672	0.00212	0.0263	0.0241	0.00000532	23.5	0.0000177	0.000391
2118 May	94.9	0.0824	0.0977	0.00174	20.3	0.0377	20.6	0.00125	0.000933	0.00000485	0.00654	0.00212	0.0254	0.0256	0.00000521	24.4	0.0000178	0.0004
2118 Jun	95.8	0.0774	0.107	0.00177	20.1	0.0356	22.5	0.00122	0.000859	0.00000451	0.00601	0.00216	0.0269	0.0241	0.00000492	23.6	0.0000173	0.000402
2118 Jul	99.5	0.0799	0.111	0.00185	20.8	0.0373	23.3	0.00128	0.000906	0.00000475	0.00633	0.00225	0.0279	0.0251	0.00000517	24.5	0.0000182	0.000417
2118 Aug	96.1	0.0775	0.105	0.0018	20.2	0.0377	22.1	0.00127	0.000913	0.00000478	0.00628	0.00218	0.027	0.0245	0.00000517	23.9	0.0000174	0.000403
2118 Sep	91.6	0.078	0.101	0.00174	19.3	0.0379	21.6	0.00122	0.000875	0.00000458	0.00611	0.00208	0.0266	0.0224	0.00000497	22.2	0.0000163	0.000379
2118 Oct	91.1	0.0804	0.104	0.00175	19	0.0385	22.4	0.00122	0.000849	0.00000446	0.00605	0.00208	0.0273	0.0212	0.00000487	21.5	0.0000159	0.000371
2118 Nov	91.1	0.0809	0.105	0.00176	19	0.0387	22.6	0.00122	0.000843	0.00000444	0.00603	0.00208	0.0275	0.0209	0.00000485	21.3	0.0000159	0.00037
2118 Dec	91.2	0.0809	0.105	0.00176	19	0.0387	22.6	0.00122	0.000844	0.00000444	0.00603	0.00208	0.0275	0.0209	0.00000485	21.3	0.0000159	0.00037
2119 Jan	91.2	0.081	0.105	0.00176	19	0.0387	22.6	0.00122	0.000844	0.00000444	0.00603	0.00208	0.0275	0.0209	0.00000485	21.3	0.0000159	0.00037
2119 Feb	91.2	0.081	0.105	0.00176	19	0.0387	22.6	0.00122	0.000844	0.00000444	0.00603	0.00208	0.0275	0.0209	0.00000486	21.3	0.0000159	0.00037
2119 Mar	91.3	0.0811	0.105	0.00176	19.1	0.0388	22.7	0.00122	0.000845	0.00000445	0.00604	0.00209	0.0276	0.0209	0.00000486	21.4	0.0000159	0.000371
2119 Apr	92.8	0.0824	0.105	0.00177	19.5	0.0388	22.7	0.00123	0.000853	0.00000448	0.00608	0.00211	0.0275	0.0218	0.0000049	22	0.0000161	0.000378
2119 May	97.1	0.0821	0.104	0.00172	20.5	0.0359	22.7	0.00121	0.000839	0.00000441	0.00586	0.00219	0.0264	0.0252	0.00000481	24.5	0.0000165	0.000405
2119 Jun	96.1	0.0784	0.106	0.00174	20	0.0352	23	0.00121	0.000829	0.00000437	0.0058	0.00218	0.0269	0.0241	0.00000478	23.7	0.0000167	0.000401
2119 Jul	98.9	0.08	0.108	0.0018	20.5	0.0366	23.5	0.00126	0.000873	0.00000459	0.00611	0.00225	0.0277	0.0249	0.00000502	24.4	0.0000176	0.000414
2119 Aug	98.5	0.0799	0.106	0.00181	20.5	0.0377	23.1	0.00128	0.000897	0.00000471	0.00622	0.00225	0.0276	0.0249	0.00000512	24.4	0.0000174	0.000412
2119 Sep	93.9	0.0789	0.0984	0.00173	19.7	0.0376	21.7	0.00124	0.000889	0.00000465	0.00618	0.00214	0.0263	0.0239	0.00000504	23.5	0.0000167	0.000393
2119 Oct	92.6	0.0801	0.0994	0.00173	19.3	0.0379	22.1	0.00123	0.000863	0.00000453	0.00609	0.00212	0.0267	0.0227	0.00000493	22.6	0.0000163	0.000383
2119 Nov	92.4	0.0806	0.101	0.00173	19.2	0.0381	22.4	0.00122	0.000851	0.00000447	0.00604	0.00212	0.027	0.0221	0.00000488	22.3	0.0000161	0.00038
2119 Dec	92.5	0.0806	0.101	0.00173	19.2	0.0381	22.4	0.00122	0.000852	0.00000447	0.00604	0.00212	0.027	0.0221	0.00000488	22.3	0.0000161	0.00038

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000101	0.000684	0.0784	0.00000838	0.907	1.28	0.00931	0.000142	2.91	0.000965	0.00863	0.0000181	0.0000196	0.0000392	0.0527	0.00000168	0.0000504	0.0000778	0.00108	
Operation (2024-2031): Mean	0.000163	0.0009	0.101	0.00000981	1.13	1.86	0.0192	0.000416	4.1	0.00105	0.0104	0.000122	0.0000756	0.0000492	0.0758	0.00000196	0.0000728	0.000319	0.00131	
Operation (2024-2031): Max	0.00043	0.00107	0.175	0.0000119	1.67	3.34	0.0702	0.000611	5.84	0.00151	0.0121	0.000591	0.000207	0.0000953	0.131	0.00000238	0.0000913	0.00094	0.00191	
Active Closure (2032-2038): Min	0.000102	0.000703	0.0756	0.00000944	0.917	1.28	0.00898	0.000151	2.97	0.000945	0.00874	0.000018	0.0000189	0.0000378	0.0528	0.00000189	0.0000513	0.0000797	0.00104	1.03E-10
Active Closure (2032-2038): Mean	0.000161	0.000967	0.102	0.0000101	1.18	1.93	0.017	0.00049	4.36	0.00106	0.011	0.0000956	0.0000517	0.0000484	0.0788	0.00000203	0.0000797	0.000275	0.00124	0.000000353
Active Closure (2032-2038): Max	0.000464	0.00112	0.178	0.0000119	1.67	3.47	0.0772	0.000602	5.93	0.00149	0.0126	0.000659	0.000213	0.0000986	0.136	0.00000239	0.0000934	0.00098	0.00208	0.00000177
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000121	0.000806	0.0507	0.00000686	1.14	1.84	0.0096	0.000275	4.35	0.00101	0.00882	0.0000192	0.0000202	0.0000404	0.0605	0.00000193	0.0000878	0.000199	0.00112	1.03E-10
Post Closure (2039-2119): Mean	0.000239	0.000944	0.102	0.00000845	2	3	0.039	0.000603	9.99	0.00153	0.0322	0.000266	0.000211	0.000107	0.109	0.0000027	0.000257	0.000507	0.00146	0.000237
Post Closure (2039-2119): Max	0.000343	0.00109	0.134	0.0000108	2.78	3.95	0.0608	0.0012	25.5	0.00182	0.0621	0.000412	0.000266	0.000155	0.152	0.0000044	0.000463	0.000699	0.00176	0.000469
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan	0.000209	0.000761	0.104	0.00000849	1.08	1.9	0.0312	0.000237	3.74	0.00101	0.00863	0.000247	0.000123	0.0000555	0.0764	0.0000017	0.000056	0.000466	0.00137	
2024 Feb	0.000209	0.000761	0.104	0.00000849	1.08	1.9	0.0312	0.000237	3.74	0.00101	0.00863	0.000247	0.000123	0.0000555	0.0764	0.0000017	0.000056	0.000466	0.00137	
2024 Mar	0.000209	0.000762	0.105	0.0000085	1.08	1.9	0.0313	0.000238	3.74	0.00102	0.00863	0.000247	0.000123	0.0000555	0.0765	0.0000017	0.000056	0.000467	0.00137	
2024 Apr	0.000209	0.000763	0.105	0.00000851	1.08	1.91	0.0313	0.000238	3.75	0.00102	0.00865	0.000248	0.000123	0.0000556	0.0766	0.0000017	0.0000561	0.000468	0.00137	
2024 May	0.000225	0.000784	0.11	0.00000862	1.12	2.01	0.0341	0.000238	3.9	0.00105	0.0088	0.000272	0.000127	0.0000584	0.0805	0.00000172	0.0000571	0.000498	0.0014	
2024 Jun	0.000269	0.000793	0.12	0.00000838	1.19	2.23	0.0426	0.000206	4.12	0.0011	0.00867	0.000351	0.000143	0.0000649	0.0887	0.00000168	0.0000557	0.000594	0.00143	
2024 Jul	0.000271	0.000816	0.123	0.00000874	1.22	2.27	0.0429	0.00021	4.21	0.00113	0.00899	0.000353	0.00015	0.0000662	0.0903	0.00000175	0.0000575	0.000606	0.00149	
2024 Aug	0.000271	0.000836	0.124	0.00000901	1.24	2.29	0.0426	0.000223	4.3	0.00115	0.0092	0.000349	0.000149	0.0000673	0.0915	0.0000018	0.0000589	0.0006	0.00152	
2024 Sep	0.000259	0.000835	0.12	0.00000903	1.23	2.24	0.0402	0.000242	4.26	0.00114	0.00921	0.000325	0.000139	0.0000656	0.0896	0.00000181	0.0000597	0.000566	0.00148	
2024 Oct	0.000255	0.00084	0.12	0.00000907	1.22	2.23	0.0392	0.000253	4.27	0.00113	0.00929	0.000315	0.000136	0.0000648	0.0892	0.00000181	0.0000606	0.000554	0.00147	
2024 Nov	0.000253	0.000842	0.119	0.00000908	1.22	2.22	0.0387	0.000258	4.27	0.00113	0.00932	0.000311	0.000134	0.0000644	0.089	0.00000182	0.000061	0.000549	0.00146	
2024 Dec	0.000253	0.000843	0.119	0.00000909	1.22	2.22	0.0388	0.000259	4.27	0.00113	0.00933	0.000311	0.000134	0.0000644	0.089	0.00000182	0.0000611	0.000549	0.00147	
2025 Jan	0.000253	0.000843	0.119	0.00000909	1.22	2.22	0.0388	0.000259	4.27	0.00113	0.00933	0.000311	0.000134	0.0000644	0.089	0.00000182	0.0000611	0.000549	0.00147	
2025 Feb	0.000253	0.000843	0.119	0.00000909	1.22	2.22	0.0388	0.000259	4.27	0.00113	0.00933	0.000311	0.000134	0.0000644	0.089	0.00000182	0.0000611	0.000549	0.00147	
2025 Mar	0.000253	0.000843	0.119	0.00000909	1.22	2.22	0.0388	0.000259	4.27	0.00113	0.00933	0.000311	0.000134	0.0000644	0.089	0.00000182	0.0000611	0.000549	0.00147	
2025 Apr	0.000254	0.000844	0.119	0.00000909	1.22	2.22	0.0388	0.000259	4.27	0.00113	0.00934	0.000311	0.000134	0.0000645	0.0891	0.00000182	0.0000611	0.000549	0.00147	
2025 May	0.000257	0.000855	0.121	0.00000921	1.24	2.25	0.0393	0.000262	4.33	0.00115	0.00946	0.000315	0.000136	0.0000653	0.0903	0.00000184	0.0000619	0.000557	0.00149	
2025 Jun	0.000233	0.00081	0.114	0.00000917	1.17	2.08	0.0357	0.000238	4.04	0.00111	0.00926	0.000284	0.000145	0.0000615	0.0837	0.00000183	0.0000595	0.000541	0.00154	
2025 Jul	0.000197	0.00075	0.104	0.00000905	1.07	1.83	0.0299	0.000206	3.61	0.00105	0.00891	0.000236	0.000152	0.0000555	0.0737	0.00000181	0.0000556	0.000497	0.00157	
2025 Aug	0.000201	0.00078	0.108	0.00000942	1.11	1.88	0.0302	0.000216	3.74	0.00108	0.00923	0.000238	0.000153	0.0000572	0.0758	0.00000188	0.0000576	0.0005	0.00161	
2025 Sep	0.000198	0.000786	0.107	0.00000947	1.11	1.88	0.0295	0.000229	3.77	0.00108	0.00928	0.00023	0.000148	0.000057	0.0758	0.00000189	0.0000583	0.000487	0.0016	
2025 Oct	0.000191	0.000786	0.104	0.00000935	1.1	1.84	0.0279	0.000246	3.74	0.00106	0.00927	0.000214	0.000139	0.0000551	0.0746	0.00000187	0.0000591	0.000463	0.00154	
2025 Nov	0.000187	0.000785	0.103	0.00000928	1.09	1.83	0.0271	0.000254	3.72	0.00105	0.00925	0.000207	0.000134	0.0000542	0.0739	0.00000186	0.0000594	0.00045	0.00152	
2025 Dec	0.000187	0.000785	0.103	0.00000929	1.09	1.83	0.0271	0.000254	3.72	0.00105	0.00925	0.000207	0.000134	0.0000542	0.0739	0.00000186	0.0000594	0.000451	0.00152	
2026 Jan	0.000187	0.000785	0.103	0.00000929	1.09	1.83	0.0271	0.000254	3.72	0.00105	0.00925	0.000207	0.000134	0.0000542	0.0739	0.00000186	0.0000594	0.000451	0.00152	
2026 Feb	0.000187	0.000785	0.103	0.00000929	1.09	1.83	0.0271	0.000254	3.72	0.00105	0.00925	0.000207	0.000134	0.0000542	0.0739	0.00000186	0.0000594	0.000451	0.00152	
2026 Mar	0.000188	0.000785	0.103	0.00000929	1.09	1.83	0.0271	0.000254	3.73	0.00105	0.00926	0.000207	0.000134	0.0000542	0.074	0.00000186	0.0000595	0.000451	0.00152	
2026 Apr	0.000188	0.000787	0.104	0.00000932	1.09	1.83	0.0272	0.000255	3.74	0.00105	0.00928	0.000207	0.000134	0.0000544	0.0742	0.00000186	0.0000596	0.000452	0.00152	
2026 May	0.000191	0.000796	0.105	0.00000942	1.1	1.85	0.0276	0.000257	3.78	0.00107	0.00938	0.00021	0.000136	0.000055	0.0751	0.00000188	0.0000603	0.000458	0.00154	
2026 Jun	0.000187	0.000759	0.104	0.00000939	1.08	1.79	0.0279	0.000216	3.6	0.00106	0.00922	0.000215	0.000157	0.0000546	0.0725	0.00000188	0.0000576	0.000494	0.00164	
2026 Jul	0.000185	0.000776	0.105	0.00000976	1.09	1.79	0.0274	0.000215	3.63	0.00109	0.0095	0.000211	0.000164	0.0000553	0.0727	0.00000195	0.0000587	0.000498	0.00171	
2026 Aug	0.000147	0.000828	0.0937	0.0000105	1.15	1.73	0.0189	0.000353	3.99	0.0011	0.00956	0.000117	0.000094	0.0000572	0.0735	0.0000021	0.0000633	0.000283	0.00147	
2026 Sep	0.000127	0.000931	0.0897	0.0000102	1.14	1.76	0.0108	0.000534	4.24	0.00103	0.0107	0.0000301	0.0000292	0.000046	0.0737	0.00000204	0.0000793	0.000179	0.00116	
2026 Oct	0.000129	0.000981	0.0932	0.00000993	1.12	1.8	0.00948	0.000576	4.28	0.000994	0.0114	0.0000193	0.0000202	0.0000399	0.0738	0.00000199	0.0000861	0.000195	0.0011	
2026 Nov	0.000129	0.000982	0.0933	0.00000995	1.12	1.81	0.00949	0.000577	4.28	0.000995	0.0114	0.0000193	0.0000202	0.00004	0.0739	0.00000199	0.0000862	0.000195	0.0011	
2026 Dec	0.000129	0.000982	0.0933	0.00000995	1.12	1.81	0.00949	0.000577	4.28	0.000995	0.0114	0.0000193	0.0000202	0.00004	0.0739	0.00000199	0.0000862	0.000195	0.0011	
2027 Jan	0.000129	0.000982	0.0933	0.00000995	1.12	1.81	0.00949	0.000577	4.28	0.000995	0.0114	0.0000193	0.0000202	0.00004	0.0739	0.00000199	0.0000862	0.000195	0.0011	
2027 Feb	0.000129	0.000982	0.0933	0.00000995	1.12	1.81	0.00949	0.000577	4.28	0.000995	0.0114	0.0000193	0.0000202	0.00004	0.0739	0.00000199	0.0000862	0.000195	0.0011	
2027 Mar	0.000129	0.000982	0.0933	0.00000995	1.12	1.81	0.00949	0.000577	4.28	0.000995	0.0114	0.0000193	0.0000202	0.00004	0.0739	0.00000199	0.0000862	0.000195	0.0011	
2027 Apr	0.000129	0.000982	0.0933	0.00000995	1.12	1.81	0.00949	0.000577	4.28	0.000995	0.0114	0.0000193	0.0000202	0.00004	0.0739	0.00000199	0.0000862	0.000195	0.0011	
2027 May	0.000175	0.00101	0.105	0.00000996	1.21	2.06	0.0184	0.000544	4.57	0.00107	0.0114	0.000102	0.0000387	0.0000479	0.0833	0.00000199	0.0000852	0.000293	0.00116	
2027 Jun	0.000174	0.000691	0.101	0.00000958	1.02	1.64	0.0273	0.000142	3.22	0.00107	0.00913	0.000211	0.000206	0.000053	0.0664	0.00000192	0.0000538	0.000569	0.00191	
2027 Jul	0.000114	0.000826	0.0988	0.0000109	0.991	1.41	0.0141	0.000176	3.3	0.00105	0.00982	0.00012	0.000141	0.0000476	0.0582	0.00000218	0.0000548	0.000289	0.00168	
2027 Aug	0.000106	0.000835	0.0834	0.0000106	1.09	1.52	0.0107	0.000381	3.87	0.00103	0.00917	0.0000509	0.0000451	0.0000528	0.0663	0.00000211	0.0000606	0.000103	0.00124	
2027 Sep	0.000123	0.000937	0.0885	0.00001	1.13	1.75	0.0096	0.000553	4.23	0.001	0.0108	0.0000183	0.0000203	0.0000438	0.0729	0.00000201	0.0000807	0.000165	0.00111	
2027 Oct	0.00013	0.000989	0.0939	0.00001	1.13	1.82	0.0095	0.000582	4.31	0.001	0.0115	0.000019	0.00002	0.00004	0.0744	0.000002	0.0000869	0.000197	0.0011	
2027 Nov	0.00013	0.000992	0.0942	0.00001	1.13	1.82	0.00952	0.000584	4.32	0.001	0.0115	0.000019	0.00002	0.0000401	0.0745	0.000002	0.0000871	0.000197	0.00111	
2027 Dec	0.00013	0.000991	0.0941	0.00001	1.13	1.82	0.00951	0.000583	4.31	0.001	0.0115	0.000019	0.00002	0.0000401	0.0745	0.000002	0.0000871	0.000197	0.00111	
2028 Jan	0.00013	0.000991	0.0941	0.00001	1.13	1.82	0.00951	0.000583	4.31	0.001	0.0115	0.000019	0.00002	0.0000401	0.0745	0.000002	0.0000871	0.000197	0.00111	
2028 Feb	0.00013	0.000991	0.0941	0.00001	1.13	1.82	0.00951	0.000583	4.32	0.001	0.0115	0.000019	0.00002	0.0000401	0.0745	0.000002	0.0000871	0.000197	0.00111	
2028 Mar	0.00013	0.000992	0.0942	0.00001	1.13	1.82	0.00952	0.000583	4.32	0.001	0.0115	0.000019	0.00002	0.0000401	0.0745	0.000002	0.0000871	0.000197	0.00111	

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Apr	0.000131	0.001	0.095	0.0000101	1.14	1.84	0.00961	0.000589	4.36	0.00101	0.0116	0.0000192	0.0000202	0.0000405	0.0752	0.00000202	0.0000879	0.000199	0.00112	
2028 May	0.000137	0.00104	0.0988	0.0000105	1.19	1.91	0.0101	0.000611	4.53	0.00105	0.0121	0.0000213	0.0000213	0.0000421	0.0782	0.0000021	0.0000913	0.000208	0.00116	
2028 Jun	0.000109	0.000684	0.0856	0.00000993	0.93	1.32	0.0143	0.000204	2.91	0.000998	0.00949	0.0000892	0.000183	0.0000425	0.0545	0.00000199	0.0000578	0.000435	0.00187	
2028 Jul	0.00011	0.000844	0.0992	0.000011	0.994	1.41	0.0132	0.000181	3.34	0.00105	0.00993	0.000114	0.000135	0.0000474	0.058	0.00000221	0.0000553	0.000265	0.00166	
2028 Aug	0.000119	0.000935	0.0984	0.0000119	1.17	1.65	0.0126	0.00035	4.11	0.00115	0.0104	0.0000792	0.000078	0.0000564	0.0703	0.00000237	0.0000651	0.000161	0.0015	
2028 Sep	0.000125	0.000962	0.093	0.0000106	1.16	1.77	0.0104	0.000526	4.3	0.00106	0.011	0.0000311	0.0000325	0.0000469	0.0741	0.00000213	0.0000799	0.000171	0.00121	
2028 Oct	0.000129	0.000982	0.0932	0.00000992	1.12	1.81	0.00942	0.000578	4.27	0.000992	0.0114	0.0000189	0.0000198	0.0000397	0.0738	0.00000198	0.0000863	0.000195	0.0011	
2028 Nov	0.00013	0.000991	0.0941	0.00001	1.13	1.82	0.00951	0.000583	4.32	0.001	0.0115	0.000019	0.00002	0.00004	0.0745	0.000002	0.0000871	0.000197	0.00111	
2028 Dec	0.00013	0.000993	0.0942	0.00001	1.13	1.82	0.00952	0.000584	4.32	0.001	0.0115	0.0000191	0.0000201	0.0000401	0.0746	0.00000201	0.0000872	0.000197	0.00111	
2029 Jan	0.00013	0.000993	0.0942	0.00001	1.13	1.82	0.00952	0.000584	4.32	0.001	0.0115	0.0000191	0.0000201	0.0000401	0.0746	0.00000201	0.0000872	0.000197	0.00111	
2029 Feb	0.00013	0.000993	0.0942	0.00001	1.13	1.82	0.00952	0.000584	4.32	0.001	0.0115	0.0000191	0.0000201	0.0000401	0.0746	0.00000201	0.0000872	0.000197	0.00111	
2029 Mar	0.00013	0.000993	0.0943	0.00001	1.13	1.83	0.00953	0.000584	4.32	0.001	0.0115	0.0000191	0.0000201	0.0000401	0.0746	0.00000201	0.0000873	0.000198	0.00111	
2029 Apr	0.000131	0.000996	0.0945	0.0000101	1.14	1.83	0.00955	0.000586	4.33	0.00101	0.0116	0.0000191	0.0000201	0.0000402	0.0748	0.00000201	0.0000875	0.000198	0.00111	
2029 May	0.000135	0.00102	0.0968	0.0000103	1.16	1.87	0.00998	0.000597	4.43	0.00103	0.0118	0.0000216	0.000021	0.0000413	0.0766	0.00000205	0.0000893	0.000205	0.00114	
2029 Jun	0.000162	0.000866	0.103	0.0000103	1.13	1.81	0.0204	0.000355	3.89	0.00109	0.0107	0.000132	0.00013	0.0000497	0.0735	0.00000205	0.0000721	0.000425	0.00163	
2029 Jul	0.000101	0.000763	0.0903	0.0000101	0.907	1.28	0.0122	0.000162	3.02	0.000965	0.00907	0.000104	0.000128	0.0000433	0.0527	0.00000201	0.0000504	0.000254	0.00155	
2029 Aug	0.000103	0.000812	0.0784	0.0000103	1.09	1.52	0.0101	0.000413	3.89	0.00101	0.00886	0.0000362	0.0000307	0.000053	0.0666	0.00000206	0.0000608	0.0000778	0.00116	
2029 Sep	0.000123	0.000944	0.0892	0.0000102	1.14	1.76	0.00977	0.000553	4.27	0.00102	0.0108	0.0000194	0.000021	0.000045	0.0737	0.00000204	0.0000808	0.000162	0.00113	
2029 Oct	0.000129	0.00098	0.0931	0.00000994	1.12	1.8	0.00944	0.000577	4.28	0.000994	0.0114	0.0000189	0.0000199	0.00004	0.0738	0.00000199	0.000086	0.000194	0.0011	
2029 Nov	0.000127	0.000969	0.092	0.0000098	1.11	1.78	0.00931	0.00057	4.22	0.00098	0.0113	0.0000186	0.0000196	0.0000392	0.0729	0.00000196	0.0000851	0.000193	0.00108	
2029 Dec	0.000127	0.00097	0.0921	0.00000981	1.11	1.78	0.00932	0.000571	4.23	0.000981	0.0113	0.0000186	0.0000196	0.0000393	0.0729	0.00000196	0.0000852	0.000193	0.00108	
2030 Jan	0.000127	0.00097	0.0921	0.00000981	1.11	1.78	0.00932	0.000571	4.23	0.000981	0.0113	0.0000186	0.0000196	0.0000393	0.0729	0.00000196	0.0000852	0.000193	0.00108	
2030 Feb	0.000127	0.000971	0.0921	0.00000981	1.11	1.78	0.00932	0.000571	4.23	0.000981	0.0113	0.0000186	0.0000196	0.0000393	0.073	0.00000196	0.0000853	0.000193	0.00108	
2030 Mar	0.000128	0.000972	0.0923	0.00000983	1.11	1.79	0.00934	0.000572	4.23	0.000983	0.0113	0.0000187	0.0000197	0.0000394	0.0731	0.00000197	0.0000854	0.000193	0.00109	
2030 Apr	0.000128	0.000977	0.0927	0.00000987	1.12	1.8	0.00938	0.000575	4.25	0.000987	0.0113	0.0000188	0.0000198	0.0000395	0.0734	0.00000197	0.0000858	0.000194	0.00109	
2030 May	0.000134	0.00102	0.0968	0.0000103	1.16	1.88	0.00979	0.0006	4.44	0.00103	0.0118	0.0000196	0.0000206	0.0000413	0.0767	0.00000206	0.0000896	0.000203	0.00114	
2030 Jun	0.00011	0.000726	0.0865	0.00000999	0.956	1.38	0.0133	0.000257	3.09	0.000999	0.0098	0.0000758	0.000161	0.000042	0.0569	0.000002	0.000062	0.000401	0.00177	
2030 Jul	0.000103	0.000791	0.0919	0.0000102	0.929	1.33	0.0121	0.000187	3.15	0.000976	0.00929	0.000102	0.000119	0.0000437	0.0546	0.00000204	0.0000527	0.000242	0.00152	
2030 Aug	0.000107	0.000877	0.0894	0.0000107	1.07	1.52	0.0107	0.000343	3.86	0.00103	0.00941	0.0000673	0.0000451	0.0000516	0.0651	0.00000215	0.0000594	0.0000874	0.00123	
2030 Sep	0.000121	0.000943	0.0909	0.000011	1.18	1.74	0.0107	0.000496	4.33	0.00109	0.0105	0.0000362	0.0000305	0.0000523	0.0742	0.0000022	0.0000743	0.000125	0.00123	
2030 Oct	0.000127	0.000969	0.0921	0.00000993	1.12	1.78	0.00945	0.000564	4.24	0.000991	0.0112	0.0000203	0.0000207	0.0000405	0.0731	0.00000199	0.0000843	0.000187	0.0011	
2030 Nov	0.000127	0.00097	0.0921	0.00000984	1.11	1.78	0.00936	0.000568	4.23	0.000984	0.0112	0.0000192	0.00002	0.0000397	0.073	0.00000197	0.0000849	0.000191	0.00109	
2030 Dec	0.000127	0.000971	0.0922	0.00000985	1.11	1.78	0.00937	0.000569	4.23	0.000985	0.0113	0.0000192	0.00002	0.0000397	0.0731	0.00000197	0.000085	0.000191	0.00109	
2031 Jan	0.000127	0.000971	0.0922	0.00000985	1.11	1.78	0.00937	0.000569	4.23	0.000985	0.0113	0.0000192	0.00002	0.0000397	0.0731	0.00000197	0.000085	0.000191	0.00109	
2031 Feb	0.000127	0.000971	0.0922	0.00000985	1.11	1.78	0.00937	0.000569	4.23	0.000985	0.0113	0.0000192	0.00002	0.0000397	0.0731	0.00000197	0.000085	0.000191	0.00109	
2031 Mar	0.000127	0.000971	0.0923	0.00000986	1.11	1.79	0.00938	0.00057	4.24	0.000986	0.0113	0.0000193	0.00002	0.0000397	0.0731	0.00000197	0.0000851	0.000191	0.00109	
2031 Apr	0.000129	0.000985	0.0936	0.00001	1.13	1.81	0.00951	0.000578	4.3	0.001	0.0114	0.0000195	0.0000203	0.0000403	0.0741	0.000002	0.0000863	0.000194	0.00111	
2031 May	0.000229	0.00107	0.122	0.0000103	1.35	2.39	0.0283	0.000528	5.04	0.00118	0.0118	0.000192	0.0000595	0.0000582	0.0961	0.00000207	0.0000872	0.000404	0.00128	
2031 Jun	0.00043	0.00107	0.175	0.0000105	1.67	3.34	0.0702	0.000239	5.84	0.00151	0.0113	0.000591	0.000207	0.0000953	0.131	0.0000021	0.0000728	0.00094	0.00188	
2031 Jul	0.000265	0.00104	0.144	0.0000119	1.4	2.42	0.04	0.000228	4.82	0.00136	0.0115	0.00034	0.000175	0.0000737	0.0969	0.00000238	0.0000686	0.000582	0.0019	
2031 Aug	0.000108	0.000827	0.0822	0.0000103	1.08	1.53	0.0111	0.000388	3.88	0.00102	0.00898	0.0000525	0.0000376	0.0000528	0.0666	0.00000207	0.0000601	0.0000936	0.00118	
2031 Sep	0.000122	0.000928	0.0876	0.00000992	1.11	1.73	0.00948	0.000547	4.18	0.000991	0.0107	0.0000181	0.00002	0.0000431	0.0721	0.00000198	0.00008	0.000164	0.0011	
2031 Oct	0.000129	0.000986	0.0936	0.00000996	1.13	1.81	0.00946	0.00058	4.29	0.000996	0.0115	0.0000189	0.0000199	0.0000398	0.0741	0.00000199	0.0000866	0.000196	0.0011	
2031 Nov	0.000131	0.000994	0.0944	0.00001	1.13	1.83	0.00954	0.000585	4.33	0.001	0.0115	0.0000191	0.0000201	0.0000402	0.0747	0.00000201	0.0000874	0.000198	0.00111	
2031 Dec	0.000131	0.000995	0.0945	0.0000101	1.14	1.83	0.00955	0.000586	4.33	0.00101	0.0116	0.0000191	0.0000201	0.0000402	0.0748	0.00000201	0.0000875	0.000198	0.00111	
2032 Jan	0.000131	0.000995	0.0945	0.0000101	1.14	1.83	0.00955	0.000586	4.33	0.00101	0.0116	0.0000191	0.0000201	0.0000402	0.0748	0.00000201	0.0000875	0.000198	0.00111	
2032 Feb	0.000131	0.000995	0.0945	0.0000101	1.14	1.83	0.00955	0.000586	4.33	0.00101	0.0116	0.0000191	0.0000201	0.0000402	0.0748	0.00000201	0.0000875	0.000198	0.00111	
2032 Mar	0.000131	0.000996	0.0946	0.0000101	1.14	1.83	0.00956	0.000586	4.34	0.00101	0.0116	0.0000191	0.0000201	0.0000403	0.0749	0.00000201	0.0000876	0.000198	0.00111	
2032 Apr	0.000132	0.00101	0.0954	0.0000102	1.15	1.85	0.00965	0.000591	4.38	0.00102	0.0117	0.0000193	0.0000203	0.0000406	0.0755	0.00000203	0.0000883	0.0002	0.00112	
2032 May	0.000158	0.00106	0.105	0.0000106	1.23	2.03	0.0139	0.000602	4.69	0.00109	0.0122	0.0000559	0.0000292	0.0000458	0.0828	0.00000212	0.0000917	0.000251	0.0012	
2032 Jun	0.000165	0.000703	0.0997	0.00000981	1.03	1.61	0.0253	0.000158	3.23	0.00107	0.00937	0.000192	0.000204	0.0000519	0.0654	0.00000196	0.0000557	0.000552	0.00193	
2032 Jul	0.000103	0.00074	0.0904	0.0000102	0.917	1.28	0.0132	0.000151	2.97	0.000991	0.00922	0.000107	0.000154	0.0000441	0.0528	0.00000205	0.0000513	0.000316	0.0017	
2032 Aug	0.000104	0.000812	0.0793	0.0000104	1.09	1.52	0.0104	0.000408	3.89	0.00103	0.00897	0.0000385	0.0000389	0.0000533	0.0668	0.00000208	0.0000612	0.0000961	0.00121	
2032 Sep	0.00012	0.000917	0.0863	0.0000104	1.16	1.73	0.01	0.000538	4.27	0.00104	0.0104	0.0000195	0.0000223	0.0000488	0.0737	0.00000208	0.0000771	0.00014	0.00116	
2032 Oct	0.000128	0.000977	0.0924	0.0000104	1.16	1.82	0.0099	0.000574	4.37	0.00104	0.0112	0.0000196	0.0000214	0.0000445	0.0755	0.00000207	0.0000844	0.000176	0.00115	
2032 Nov	0.000129	0.000982	0.093	0.0000103	1.16	1.82	0.00985	0.000577	4.37	0.00103	0.0113	0.0000195	0.0000211	0.0000437	0.0755	0.00000206	0.0000851	0.000181	0.00114	
2032 Dec	0.000128	0.000975	0.0924	0.0000101	1.14	1.8	0.00967	0.000573	4.32	0.00101	0.0113	0.0000192	0.0000207	0.0000424	0.0745	0.00000203	0.0000848	0.000183	0.00112	
2033 Jan	0.000128	0.000975	0.0924	0.0000101	1.14	1.8	0.00967	0.000573	4.32	0.00101	0.0113	0.0000192	0.0000207	0.0000424	0.0745	0.00000203	0.0000848	0.000183	0.00112	
2033 Feb	0.000128	0.000976	0.0924	0.0000102	1.14	1.81	0.00968	0.000574	4.32	0.00101	0.0113	0.0000192	0.0000207	0.0000424	0.0745	0.00000203	0.0000848	0.000183	0.00112	
2033 Mar	0.000128	0.000978	0.0927	0.0000102	1.15	1.81	0.0097	0.000575	4.33	0.00102	0.0113	0.0000193	0.0000207	0.0000426	0.0748	0.00000204	0.0000851	0.000184	0.00113	
2033 Apr	0.00013	0.000992	0.094	0.0000103	1.16	1.84	0.00984	0.000583	4.39	0.00103	0.0115	0.0000195	0.000021	0.0000432	0.0758	0.00000206	0.0000863	0.000186	0.00114	
2033 May	0.000356	0.00112	0.155	0.0000103	1.59	3.07	0.0532	0.000425	5.81	0.00138	0.0116	0.000424	0.000111	0.0000813	0.122	0.00000207	0.0000827	0.00067	0.00145	
2033 Jun	0.000464	0.00104	0.178	0.00000944	1.67	3.47	0.0772	0.000204	5.89	0.00148	0.0104	0.000659	0.000197	0.0000986	0.136	0.00000189	0.0000671	0.000976	0.00171	
2033 Jul	0.00037	0.00104	0.162	0.0000105	1.54	2.97	0.0595	0.000213	5.39	0.00141	0.0108	0.000512	0.000176	0.0000866	0.117	0.00000209	0.0000666	0.000764	0.00172	
2033 Aug	0.000184	0.00097	0.114	0.0000112	1.26	2	0.0245	0.000326	4.48	0.00119	0.0103	0.000191	0.0000827	0.0000638	0.0828	0.00000225	0.0000646	0.000274	0.00142	
2033 Sep	0.000126	0.000949	0.0903	0.00000994	1.12	1.76	0.00974	0.000555	4.22	0.000995	0.0109	0.0000216	0.000021	0.0000422	0.073	0.00000199	0.0000822	0.000178	0.0011	
2033 Oct	0.000123	0.000935	0.0888	0.00000945	1.07	1.72	0.00898	0.00055	4.07	0.000945	0.0109	0.000018	0.0000189	0.0000378	0.0703	0.00000189	0.0000822	0.000186	0.00104	

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Nov	0.000124	0.000943	0.0895	0.00000952	1.08	1.73	0.00905	0.000555	4.1	0.000952	0.011	0.0000181	0.0000191	0.0000381	0.0709	0.0000019	0.0000828	0.000188	0.00105	
2033 Dec	0.000124	0.000943	0.0896	0.00000953	1.08	1.73	0.00906	0.000555	4.11	0.000953	0.011	0.0000181	0.0000191	0.0000381	0.0709	0.00000191	0.0000829	0.000188	0.00105	
2034 Jan	0.000124	0.000943	0.0896	0.00000953	1.08	1.73	0.00906	0.000555	4.11	0.000953	0.011	0.0000181	0.0000191	0.0000381	0.0709	0.00000191	0.0000829	0.000188	0.00105	
2034 Feb	0.000124	0.000943	0.0896	0.00000953	1.08	1.73	0.00906	0.000555	4.11	0.000953	0.011	0.0000181	0.0000191	0.0000381	0.0709	0.00000191	0.0000829	0.000188	0.00105	
2034 Mar	0.000124	0.000944	0.0896	0.00000954	1.08	1.74	0.00906	0.000555	4.11	0.000954	0.011	0.0000181	0.0000191	0.0000382	0.071	0.00000191	0.000083	0.000188	0.00105	
2034 Apr	0.000125	0.000952	0.0904	0.00000962	1.09	1.75	0.00914	0.00056	4.14	0.000962	0.0111	0.0000183	0.0000192	0.0000385	0.0715	0.00000192	0.0000836	0.000189	0.00106	
2034 May	0.000184	0.00101	0.108	0.00000992	1.22	2.1	0.0201	0.000537	4.61	0.00108	0.0114	0.000118	0.0000421	0.0000492	0.0849	0.00000198	0.000085	0.000312	0.00117	
2034 Jun	0.000361	0.00102	0.153	0.00000978	1.51	2.95	0.0567	0.000303	5.36	0.00135	0.0108	0.000466	0.000155	0.0000811	0.116	0.00000196	0.0000727	0.000757	0.0016	
2034 Jul	0.000169	0.000947	0.115	0.0000109	1.14	1.81	0.0223	0.00023	4.01	0.00112	0.0103	0.000196	0.000109	0.0000559	0.0734	0.00000219	0.0000601	0.000302	0.0015	
2034 Aug	0.000146	0.00099	0.108	0.0000119	1.24	1.83	0.017	0.000361	4.4	0.00119	0.0107	0.000122	0.0000734	0.0000603	0.0773	0.00000239	0.0000674	0.00019	0.00147	
2034 Sep	0.000128	0.000968	0.0927	0.0000101	1.13	1.79	0.01	0.000555	4.27	0.00101	0.0112	0.0000259	0.0000237	0.0000424	0.0738	0.00000202	0.0000832	0.000185	0.00113	
2034 Oct	0.000129	0.000986	0.0936	0.00000996	1.13	1.81	0.00946	0.00058	4.29	0.000996	0.0115	0.0000189	0.0000199	0.0000398	0.0741	0.00000199	0.0000866	0.000196	0.0011	
2034 Nov	0.000132	0.001	0.0953	0.0000101	1.15	1.85	0.00963	0.000591	4.37	0.00101	0.0117	0.0000193	0.0000203	0.0000406	0.0754	0.00000203	0.0000882	0.0002	0.00112	
2034 Dec	0.000132	0.00101	0.0954	0.0000102	1.15	1.85	0.00965	0.000591	4.38	0.00102	0.0117	0.0000193	0.0000203	0.0000406	0.0755	0.00000203	0.0000883	0.0002	0.00112	
2035 Jan	0.000132	0.00101	0.0955	0.0000102	1.15	1.85	0.00965	0.000592	4.38	0.00102	0.0117	0.0000193	0.0000203	0.0000406	0.0756	0.00000203	0.0000883	0.0002	0.00112	
2035 Feb	0.000132	0.00101	0.0955	0.0000102	1.15	1.85	0.00965	0.000592	4.38	0.00102	0.0117	0.0000193	0.0000203	0.0000406	0.0756	0.00000203	0.0000884	0.0002	0.00112	
2035 Mar	0.000132	0.00101	0.0956	0.0000102	1.15	1.85	0.00966	0.000592	4.38	0.00102	0.0117	0.0000193	0.0000203	0.0000407	0.0756	0.00000203	0.0000884	0.0002	0.00112	
2035 Apr	0.000134	0.00102	0.097	0.0000103	1.17	1.88	0.00981	0.000601	4.45	0.00103	0.0119	0.0000196	0.0000206	0.0000413	0.0768	0.00000206	0.0000898	0.000203	0.00114	
2035 May	0.000213	0.00112	0.121	0.0000109	1.37	2.37	0.0241	0.000584	5.15	0.0012	0.0126	0.000149	0.0000505	0.000056	0.0957	0.00000219	0.0000934	0.000366	0.00131	
2035 Jun	0.000282	0.000818	0.131	0.00000971	1.27	2.32	0.0461	0.000153	4.2	0.00124	0.00969	0.000381	0.000213	0.0000706	0.0921	0.00000194	0.0000587	0.000738	0.0019	
2035 Jul	0.000118	0.000848	0.101	0.0000109	1	1.45	0.0144	0.000182	3.39	0.00105	0.00986	0.000126	0.000131	0.0000482	0.0594	0.00000218	0.000055	0.000269	0.00163	
2035 Aug	0.000102	0.000794	0.0756	0.0000102	1.09	1.52	0.0101	0.000431	3.9	0.00101	0.00874	0.0000286	0.0000286	0.0000535	0.0671	0.00000204	0.0000612	0.0000797	0.00115	
2035 Sep	0.000126	0.000958	0.0906	0.00000996	1.12	1.77	0.00949	0.000564	4.24	0.000996	0.0111	0.0000184	0.0000199	0.0000417	0.0732	0.00000199	0.0000834	0.00018	0.0011	
2035 Oct	0.000128	0.000978	0.0928	0.00000987	1.12	1.8	0.00938	0.000575	4.26	0.000987	0.0114	0.0000188	0.0000197	0.0000395	0.0735	0.00000197	0.0000859	0.000195	0.00109	
2035 Nov	0.000126	0.00096	0.0911	0.00000969	1.1	1.76	0.00921	0.000565	4.18	0.000969	0.0111	0.0000184	0.0000194	0.0000388	0.0721	0.00000194	0.0000843	0.000191	0.00107	
2035 Dec	0.000126	0.000961	0.0912	0.00000971	1.1	1.77	0.00922	0.000565	4.18	0.000971	0.0112	0.0000184	0.0000194	0.0000388	0.0722	0.00000194	0.0000844	0.000191	0.00107	
2036 Jan	0.000126	0.000961	0.0912	0.00000971	1.1	1.77	0.00922	0.000565	4.18	0.000971	0.0112	0.0000184	0.0000194	0.0000388	0.0722	0.00000194	0.0000844	0.000191	0.00107	
2036 Feb	0.000126	0.000961	0.0912	0.00000971	1.1	1.77	0.00922	0.000565	4.18	0.000971	0.0112	0.0000184	0.0000194	0.0000388	0.0722	0.00000194	0.0000844	0.000191	0.00107	
2036 Mar	0.000126	0.000961	0.0912	0.00000971	1.1	1.77	0.00922	0.000565	4.18	0.000971	0.0112	0.0000184	0.0000194	0.0000388	0.0722	0.00000194	0.0000844	0.000191	0.00107	
2036 Apr	0.000143	0.000986	0.0964	0.00000983	1.14	1.88	0.0121	0.000569	4.35	0.00101	0.0113	0.0000318	0.0000226	0.0000406	0.0765	0.00000197	0.0000857	0.00022	0.00109	
2036 May	0.000198	0.00108	0.114	0.0000104	1.3	2.25	0.0214	0.000583	4.94	0.00113	0.012	0.0000815	0.0000346	0.0000474	0.0909	0.00000207	0.0000907	0.000318	0.00118	
2036 Jun	0.00018	0.000759	0.105	0.00000996	1.09	1.76	0.0269	0.000204	3.52	0.0011	0.00977	0.000194	0.000189	0.0000532	0.071	0.00000199	0.0000602	0.000549	0.00187	
2036 Jul	0.000106	0.000868	0.0976	0.0000106	0.963	1.39	0.0115	0.000196	3.38	0.000993	0.00951	0.00011	0.0000898	0.0000455	0.057	0.00000211	0.0000529	0.00016	0.00138	
2036 Aug	0.000113	0.000931	0.0967	0.0000113	1.11	1.58	0.0114	0.000332	3.99	0.00108	0.00999	0.0000808	0.0000554	0.0000532	0.0673	0.00000226	0.0000615	0.000103	0.00132	
2036 Sep	0.000121	0.000928	0.0878	0.00000998	1.12	1.73	0.00954	0.000543	4.18	0.000996	0.0106	0.0000195	0.0000208	0.0000436	0.0721	0.000002	0.0000795	0.000161	0.0011	
2036 Oct	0.000131	0.000996	0.0946	0.0000101	1.14	1.83	0.00956	0.000586	4.34	0.00101	0.0116	0.0000191	0.0000201	0.0000403	0.0749	0.00000201	0.0000876	0.000198	0.00111	
2036 Nov	0.000129	0.000984	0.0934	0.00000994	1.12	1.81	0.00944	0.000579	4.28	0.000994	0.0114	0.0000189	0.0000199	0.0000398	0.0739	0.00000199	0.0000864	0.000196	0.0011	
2036 Dec	0.000128	0.000978	0.0929	0.00000988	1.12	1.8	0.00939	0.000576	4.26	0.000988	0.0114	0.0000188	0.0000198	0.0000395	0.0735	0.00000198	0.000086	0.000195	0.00109	
2037 Jan	0.000128	0.000978	0.0929	0.00000988	1.12	1.8	0.00939	0.000576	4.26	0.000988	0.0114	0.0000188	0.0000198	0.0000395	0.0735	0.00000198	0.000086	0.000195	0.00109	
2037 Feb	0.000129	0.000979	0.0929	0.00000989	1.12	1.8	0.00939	0.000576	4.26	0.000989	0.0114	0.0000188	0.0000198	0.0000395	0.0736	0.00000198	0.000086	0.000195	0.00109	
2037 Mar	0.000129	0.000982	0.0932	0.00000992	1.12	1.8	0.00942	0.000578	4.27	0.000992	0.0114	0.0000188	0.0000198	0.0000397	0.0738	0.00000198	0.0000863	0.000195	0.0011	
2037 Apr	0.00013	0.00099	0.094	0.00001	1.13	1.82	0.0095	0.000582	4.31	0.001	0.0115	0.000019	0.00002	0.00004	0.0744	0.000002	0.000087	0.000197	0.0011	
2037 May	0.000388	0.00112	0.163	0.0000101	1.62	3.22	0.0593	0.000396	5.93	0.0014	0.0116	0.000482	0.000124	0.0000847	0.127	0.00000201	0.0000816	0.000743	0.00147	
2037 Jun	0.000458	0.00103	0.178	0.0000096	1.67	3.43	0.0762	0.000197	5.83	0.00148	0.0105	0.000651	0.000204	0.000098	0.134	0.00000192	0.0000672	0.00098	0.00176	
2037 Jul	0.000195	0.000932	0.12	0.0000107	1.16	1.92	0.0277	0.000201	4.07	0.00115	0.0101	0.000244	0.000124	0.0000597	0.0775	0.00000214	0.0000581	0.000371	0.00154	
2037 Aug	0.00012	0.000881	0.0913	0.0000108	1.12	1.62	0.013	0.000365	4.01	0.00107	0.00952	0.0000798	0.0000503	0.0000548	0.0693	0.00000216	0.0000615	0.000124	0.00127	
2037 Sep	0.000123	0.000935	0.0893	0.0000105	1.16	1.75	0.0105	0.000529	4.29	0.00105	0.0106	0.0000278	0.0000254	0.0000485	0.0741	0.0000021	0.0000777	0.00015	0.00117	
2037 Oct	0.000129	0.000979	0.0929	0.00000989	1.12	1.8	0.0094	0.000576	4.26	0.000989	0.0114	0.0000188	0.0000198	0.0000396	0.0736	0.00000198	0.000086	0.000195	0.00109	
2037 Nov	0.00013	0.000989	0.0939	0.00000999	1.13	1.82	0.00949	0.000582	4.3	0.000999	0.0115	0.000019	0.00002	0.00004	0.0743	0.000002	0.0000869	0.000197	0.0011	
2037 Dec	0.00013	0.00099	0.094	0.00001	1.13	1.82	0.00951	0.000583	4.31	0.001	0.0115	0.000019	0.00002	0.00004	0.0744	0.000002	0.000087	0.000197	0.00111	
2038 Jan	0.00013	0.000991	0.0941	0.00001	1.13	1.82	0.00951	0.000583	4.31	0.001	0.0115	0.000019	0.00002	0.00004	0.0744	0.000002	0.000087	0.000197	0.00111	
2038 Feb	0.00013	0.000991	0.0941	0.00001	1.13	1.82	0.00951	0.000583	4.31	0.001	0.0115	0.000019	0.00002	0.00004	0.0745	0.000002	0.000087	0.000197	0.00111	
2038 Mar	0.00013	0.000991	0.0941	0.00001	1.13	1.82	0.00952	0.000583	4.32	0.001	0.0115	0.000019	0.00002	0.0000401	0.0745	0.000002	0.0000871	0.000197	0.00111	
2038 Apr	0.000131	0.001	0.095	0.0000101	1.14	1.84	0.0096	0.000588	4.35	0.00101	0.0116	0.0000192	0.0000202	0.0000404	0.0752	0.00000202	0.0000879	0.000199	0.00112	
2038 May	0.000252	0.00109	0.129	0.0000105	1.4	2.53	0.0323	0.000523	5.22	0.00122	0.012	0.000228	0.0000676	0.0000618	0.101	0.00000209	0.0000882	0.000451	0.00132	
2038 Jun	0.00045	0.00103	0.177	0.00000988	1.66	3.39	0.0747	0.000196	5.79	0.00149	0.0107	0.000636	0.000212	0.0000974	0.133	0.00000198	0.0000679	0.000979	0.00183	
2038 Jul	0.000252	0.00096	0.137	0.0000118	1.35	2.3	0.0391	0.000189	4.58	0.00135	0.0113	0.000327	0.00021	0.000072	0.0918	0.00000235	0.0000677	0.000642	0.00208	0.00000177
2038 Aug	0.000121	0.000834	0.0841	0.0000106	1.15	1.65	0.0134	0.00042	4.09	0.00107	0.00922	0.0000607	0.0000468	0.000057	0.0717	0.00000212	0.0000637	0.000138	0.00127	0.00000033
2038 Sep	0.000124	0.000943	0.0893	0.0000101	1.14	1.76	0.00982	0.000554	4.26	0.00101	0.0108	0.0000202	0.0000214	0.0000443	0.0735	0.00000203	0.0000811	0.000167	0.00112	1.53E-08
2038 Oct	0.00013	0.000992	0.0942	0.00001	1.13	1.82	0.00953	0.000584	4.32	0.001	0.0115	0.0000191	0.0000201	0.0000401	0.0746	0.00000201	0.0000872	0.000197	0.00111	1.37E-10
2038 Nov	0.000131	0.000999	0.0948	0.0000101	1.14	1.84	0.00959	0.000588	4.35	0.00101	0.0116	0.0000192	0.0000202	0.0000404	0.0751	0.00000202	0.0000877	0.000199	0.00112	1.03E-10
2038 Dec	0.000131	0.001	0.0949	0.0000101	1.14	1.84	0.0096	0.000588	4.35	0.00101	0.0116	0.0000192	0.0000202	0.0000404	0.0751	0.00000202	0.0000878	0.000199	0.00112	1.03E-10
2039 Jan	0.000131	0.001	0.0949	0.0000101	1.14	1.84	0.0096	0.000588	4.35	0.00101	0.0116	0.0000192	0.0000202	0.0000404	0.0751	0.00000202	0.0000878	0.000199	0.00112	1.03E-10
2039 Feb	0.000131	0.001	0.0949	0.0000101	1.14	1.84	0.0096	0.000588	4.35	0.00101	0.0116	0.0000192	0.0000202	0.0000404	0.0751	0.00000202	0.0000878	0.000199	0.00112	1.03E-10
2039 Mar	0.000132	0.001	0.0952	0.0000101	1.14	1.84	0.00963	0.00059	4.37	0.00101	0.0116	0.0000193	0.0000203	0.0000406	0.0754	0.00000203	0.0000881	0.000199	0.00112	1.03E-10
2039 Apr	0.000133	0.00101	0.0962	0.0000102	1.16	1.86	0.00973	0.000596	4.41	0.00102	0.0118	0.0000195	0.0000205	0.000041	0.0762	0.00000205	0.0000891	0.000202	0.00113	1.04E-10
2039 May	0.000153	0.00108	0.105	0.0000108	1.25	2.04	0.0126	0.000622	4.74	0.0011	0.0125	0.0000425	0.0000266	0.0000455	0.0831	0.00000217	0.0000939	0.000239	0.00121	1.08E-10

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Jun	0.000121	0.000806	0.0712	0.00000856	1.48	2.39	0.0179	0.000341	13	0.00135	0.00886	0.0000961	0.000212	0.0000739	0.0605	0.00000196	0.000239	0.000396	0.00167	0.000188
2039 Jul	0.000122	0.000961	0.0507	0.00000686	2.13	3.66	0.0198	0.000509	25.5	0.00178	0.00882	0.0000872	0.000239	0.000111	0.0652	0.00000193	0.000463	0.000298	0.00137	0.000423
2039 Aug	0.000126	0.000993	0.0558	0.00000724	2.11	3.61	0.0198	0.00051	24.6	0.00177	0.0097	0.0000925	0.000223	0.00011	0.0673	0.00000198	0.000447	0.000274	0.00135	0.000405
2039 Sep	0.000128	0.00101	0.0577	0.00000745	2.13	3.63	0.0199	0.000521	24.5	0.00178	0.00991	0.0000924	0.000222	0.00011	0.0687	0.00000202	0.000446	0.000276	0.00137	0.000402
2039 Oct	0.000128	0.00101	0.0585	0.0000075	2.1	3.58	0.0196	0.000521	24	0.00176	0.00993	0.0000903	0.000217	0.000108	0.0687	0.00000202	0.000436	0.000274	0.00136	0.000391
2039 Nov	0.000128	0.00101	0.0587	0.00000752	2.1	3.59	0.0196	0.000523	24	0.00176	0.00995	0.0000905	0.000217	0.000109	0.0689	0.00000202	0.000437	0.000274	0.00136	0.000392
2039 Dec	0.000128	0.00101	0.0587	0.00000753	2.1	3.59	0.0196	0.000523	24	0.00176	0.00996	0.0000905	0.000217	0.000109	0.0689	0.00000202	0.000437	0.000274	0.00136	0.000392
2040 Jan	0.000128	0.00101	0.0587	0.00000753	2.1	3.59	0.0196	0.000523	24	0.00176	0.00996	0.0000905	0.000217	0.000109	0.0689	0.00000202	0.000437	0.000274	0.00136	0.000392
2040 Feb	0.000128	0.00101	0.0587	0.00000753	2.1	3.59	0.0196	0.000523	24	0.00176	0.00996	0.0000905	0.000217	0.000109	0.0689	0.00000202	0.000437	0.000274	0.00136	0.000392
2040 Mar	0.000128	0.00101	0.0588	0.00000753	2.1	3.59	0.0197	0.000523	24.1	0.00176	0.00997	0.0000906	0.000217	0.000109	0.069	0.00000202	0.000437	0.000275	0.00136	0.000392
2040 Apr	0.000129	0.00101	0.0589	0.00000755	2.11	3.6	0.0197	0.000525	24.1	0.00177	0.00999	0.0000908	0.000218	0.000109	0.0691	0.00000203	0.000438	0.000275	0.00136	0.000393
2040 May	0.000144	0.00103	0.064	0.0000077	2.14	3.67	0.0222	0.000523	24	0.00179	0.0102	0.000114	0.000221	0.000111	0.0728	0.00000205	0.000435	0.000305	0.00139	0.000388
2040 Jun	0.000212	0.00102	0.0845	0.00000767	2.08	3.72	0.0346	0.000458	21.1	0.00175	0.0125	0.000232	0.000225	0.000112	0.0861	0.00000197	0.000376	0.000456	0.00144	0.000328
2040 Jul	0.000208	0.00104	0.0835	0.00000782	2.13	3.77	0.0339	0.000471	21.7	0.00179	0.0139	0.000222	0.000232	0.000114	0.0862	0.00000202	0.000389	0.000454	0.00148	0.000341
2040 Aug	0.000211	0.00106	0.0857	0.00000807	2.15	3.81	0.0342	0.000479	21.9	0.00182	0.0141	0.000224	0.000234	0.000115	0.0877	0.00000207	0.000391	0.000457	0.00151	0.000341
2040 Sep	0.00021	0.00106	0.0861	0.00000818	2.14	3.78	0.0338	0.000483	21.6	0.00181	0.0141	0.000221	0.00023	0.000114	0.0879	0.00000209	0.000385	0.000451	0.00151	0.000335
2040 Oct	0.000209	0.00106	0.0866	0.00000824	2.13	3.76	0.0335	0.000486	21.4	0.0018	0.0141	0.000218	0.000227	0.000113	0.0881	0.00000209	0.000382	0.000449	0.00151	0.000331
2040 Nov	0.00021	0.00107	0.0868	0.00000827	2.14	3.77	0.0336	0.000488	21.4	0.00181	0.0141	0.000218	0.000228	0.000113	0.0883	0.0000021	0.000382	0.000449	0.00151	0.000331
2040 Dec	0.00021	0.00107	0.0868	0.00000827	2.14	3.77	0.0336	0.000488	21.4	0.00181	0.0141	0.000218	0.000228	0.000113	0.0883	0.0000021	0.000382	0.00045	0.00151	0.000331
2041 Jan	0.00021	0.00107	0.0869	0.00000827	2.14	3.77	0.0336	0.000488	21.4	0.00181	0.0141	0.000218	0.000228	0.000114	0.0883	0.0000021	0.000382	0.00045	0.00151	0.000331
2041 Feb	0.00021	0.00107	0.0869	0.00000827	2.14	3.77	0.0336	0.000488	21.4	0.00181	0.0141	0.000218	0.000228	0.000114	0.0883	0.0000021	0.000382	0.00045	0.00151	0.000331
2041 Mar	0.00021	0.00107	0.0869	0.00000827	2.14	3.77	0.0336	0.000488	21.4	0.00181	0.0141	0.000218	0.000228	0.000114	0.0883	0.0000021	0.000383	0.00045	0.00151	0.000331
2041 Apr	0.00021	0.00107	0.087	0.00000829	2.14	3.78	0.0336	0.000489	21.4	0.00181	0.0142	0.000219	0.000228	0.000114	0.0885	0.0000021	0.000383	0.000451	0.00152	0.000332
2041 May	0.000214	0.00108	0.0884	0.00000836	2.16	3.81	0.0343	0.000491	21.5	0.00182	0.0142	0.000224	0.00023	0.000115	0.0896	0.00000212	0.000385	0.000458	0.00153	0.000333
2041 Jun	0.00019	0.000982	0.0834	0.00000826	1.94	3.37	0.0304	0.000429	18.7	0.00168	0.0161	0.000196	0.000228	0.000103	0.0815	0.00000205	0.000336	0.00045	0.00157	0.000287
2041 Jul	0.000173	0.000937	0.077	0.00000788	1.86	3.17	0.0275	0.000409	17.8	0.00161	0.0222	0.000172	0.000222	0.0000983	0.0772	0.00000199	0.000323	0.000418	0.00152	0.000278
2041 Aug	0.000177	0.000969	0.0799	0.00000822	1.91	3.25	0.0281	0.000423	18.2	0.00166	0.0228	0.000176	0.000227	0.000101	0.0797	0.00000206	0.000329	0.000426	0.00156	0.000283
2041 Sep	0.000178	0.000977	0.0808	0.00000835	1.92	3.25	0.028	0.000429	18.1	0.00166	0.0228	0.000174	0.000225	0.000101	0.0803	0.00000208	0.000328	0.000424	0.00157	0.00028
2041 Oct	0.000177	0.000976	0.081	0.00000838	1.9	3.22	0.0276	0.000432	17.7	0.00165	0.0225	0.000171	0.00022	0.0000994	0.0801	0.00000208	0.000322	0.000419	0.00156	0.000273
2041 Nov	0.000177	0.000979	0.0813	0.00000841	1.9	3.22	0.0276	0.000434	17.7	0.00165	0.0225	0.000171	0.00022	0.0000995	0.0804	0.00000208	0.000322	0.000419	0.00156	0.000273
2041 Dec	0.000177	0.000979	0.0813	0.00000841	1.9	3.22	0.0276	0.000434	17.7	0.00165	0.0225	0.000171	0.00022	0.0000996	0.0804	0.00000208	0.000322	0.00042	0.00156	0.000273
2042 Jan	0.000177	0.00098	0.0813	0.00000841	1.9	3.22	0.0276	0.000434	17.7	0.00165	0.0225	0.000171	0.00022	0.0000996	0.0804	0.00000208	0.000322	0.00042	0.00156	0.000273
2042 Feb	0.000177	0.00098	0.0813	0.00000841	1.9	3.22	0.0276	0.000434	17.7	0.00165	0.0225	0.000171	0.00022	0.0000996	0.0804	0.00000208	0.000322	0.00042	0.00156	0.000273
2042 Mar	0.000177	0.00098	0.0814	0.00000841	1.9	3.22	0.0276	0.000434	17.8	0.00165	0.0225	0.000171	0.00022	0.0000996	0.0804	0.00000208	0.000322	0.00042	0.00156	0.000273
2042 Apr	0.000178	0.000984	0.0817	0.00000845	1.91	3.24	0.0277	0.000436	17.8	0.00166	0.0226	0.000172	0.000221	0.0001	0.0808	0.00000209	0.000324	0.000421	0.00157	0.000274
2042 May	0.000183	0.001	0.0837	0.00000858	1.94	3.29	0.0286	0.000442	18	0.00168	0.0229	0.000178	0.000225	0.000102	0.0825	0.00000212	0.000327	0.000432	0.0016	0.000277
2042 Jun	0.000174	0.000938	0.0827	0.00000854	1.79	3.01	0.0273	0.000393	16	0.00158	0.0231	0.000172	0.000223	0.000094	0.0782	0.00000207	0.00029	0.00044	0.00162	0.000242
2042 Jul	0.000167	0.000913	0.0816	0.00000852	1.72	2.86	0.026	0.000371	15	0.00153	0.0247	0.000165	0.00022	0.0000902	0.0759	0.00000205	0.000273	0.00043	0.00162	0.000226
2042 Aug	0.000163	0.000908	0.0796	0.00000841	1.7	2.8	0.0249	0.000381	14.5	0.00151	0.027	0.000155	0.000204	0.000089	0.0759	0.00000203	0.000265	0.000396	0.00155	0.000219
2042 Sep	0.000161	0.00091	0.0786	0.00000835	1.69	2.78	0.0245	0.000393	14.3	0.0015	0.0292	0.000149	0.000196	0.0000886	0.0765	0.00000202	0.000262	0.000379	0.0015	0.000215
2042 Oct	0.000161	0.000913	0.0782	0.00000826	1.69	2.78	0.0242	0.0004	14.3	0.00149	0.031	0.000146	0.000191	0.0000881	0.0769	0.00000201	0.000261	0.000373	0.00147	0.000214
2042 Nov	0.000162	0.000916	0.0784	0.00000828	1.7	2.79	0.0243	0.000402	14.3	0.00149	0.0311	0.000147	0.000192	0.0000883	0.0771	0.00000202	0.000261	0.000374	0.00148	0.000215
2042 Dec	0.000162	0.000916	0.0785	0.00000829	1.7	2.79	0.0243	0.000402	14.3	0.00149	0.0311	0.000147	0.000192	0.0000883	0.0771	0.00000202	0.000262	0.000374	0.00148	0.000215
2043 Jan	0.000162	0.000916	0.0785	0.00000829	1.7	2.79	0.0243	0.000402	14.3	0.00149	0.0311	0.000147	0.000192	0.0000883	0.0771	0.00000202	0.000262	0.000374	0.00148	0.000215
2043 Feb	0.000162	0.000916	0.0785	0.00000829	1.7	2.79	0.0243	0.000402	14.3	0.00149	0.0311	0.000147	0.000192	0.0000883	0.0771	0.00000202	0.000262	0.000374	0.00148	0.000215
2043 Mar	0.000162	0.000916	0.0785	0.00000829	1.7	2.79	0.0243	0.000402	14.3	0.00149	0.0311	0.000147	0.000192	0.0000883	0.0772	0.00000202	0.000262	0.000374	0.00148	0.000215
2043 Apr	0.000162	0.00092	0.0788	0.00000832	1.7	2.8	0.0244	0.000404	14.4	0.0015	0.0313	0.000147	0.000193	0.0000887	0.0775	0.00000203	0.000263	0.000375	0.00148	0.000216
2043 May	0.000172	0.000939	0.0823	0.00000847	1.74	2.87	0.026	0.000407	14.5	0.00153	0.0315	0.000161	0.000196	0.0000907	0.0802	0.00000206	0.000264	0.000395	0.00151	0.000216
2043 Jun	0.000217	0.000942	0.0945	0.00000829	1.74	2.96	0.0342	0.000361	13.5	0.00153	0.0353	0.000241	0.000205	0.0000934	0.0888	0.00000201	0.000239	0.000491	0.00154	0.000192
2043 Jul	0.000218	0.000969	0.0965	0.00000862	1.78	3.02	0.0343	0.000369	13.8	0.00158	0.0376	0.00024	0.000213	0.0000956	0.0906	0.0000021	0.000245	0.000499	0.0016	0.000197
2043 Aug	0.000223	0.001	0.0996	0.00000896	1.83	3.09	0.0351	0.000383	14.1	0.00162	0.0384	0.000244	0.000217	0.0000982	0.0933	0.00000217	0.00025	0.000509	0.00165	0.0002
2043 Sep	0.000222	0.001	0.0996	0.00000904	1.82	3.07	0.0346	0.000389	13.9	0.00161	0.0378	0.00024	0.000213	0.0000974	0.0932	0.00000218	0.000246	0.000501	0.00165	0.000196
2043 Oct	0.000217	0.000998	0.099	0.00000905	1.79	3	0.0333	0.000396	13.4	0.00158	0.0365	0.000229	0.000203	0.0000945	0.0921	0.00000216	0.000238	0.000486	0.00162	0.000187
2043 Nov	0.000213	0.000994	0.0985	0.00000905	1.76	2.96	0.0324	0.0004	13.1	0.00156	0.0356	0.000221	0.000197	0.0000924	0.0912	0.00000215	0.000232	0.000474	0.00159	0.00018
2043 Dec	0.000213	0.000994	0.0985	0.00000905	1.76	2.96	0.0324	0.000401	13.1	0.00156	0.0356	0.000221	0.000197	0.0000924	0.0912	0.00000215	0.000232	0.000474	0.00159	0.00018
2044 Jan	0.000213	0.000995	0.0985	0.00000905	1.76	2.96	0.0324	0.000401	13.1	0.00156	0.0356	0.000221	0.000197	0.0000924	0.0912	0.00000215	0.000232	0.000474	0.00159	0.00018
2044 Feb	0.000213	0.000995	0.0986	0.00000906	1.76	2.96	0.0325	0.000401	13.1	0.00156	0.0356	0.000221	0.000197	0.0000925	0.0912	0.00000215	0.000232	0.000475	0.00159	0.00018
2044 Mar	0.000213	0.000996	0.0986	0.00000906	1.76	2.96	0.0325	0.000401	13.1	0.00156	0.0356	0.000222	0.000197	0.0000925	0.0913	0.00000215	0.000233	0.000475	0.0016	0.00018
2044 Apr	0.000214	0.000997	0.0988	0.00000908	1.76	2.96	0.0325	0.000402	13.1	0.00156	0.0357	0.000222	0.000197	0.0000927	0.0914	0.00000216	0.000233	0.000476	0.0016	0.00018
2044 May	0.000217	0.00101	0.1	0.00000919	1.79	3	0.0331	0.000406	13.3	0.00158	0.0361	0.000226	0.0002	0.0000939	0.0927	0.00000218	0.000236	0.000483	0.00162	0.000182
2044 Jun	0.000198	0.000917	0.0925	0.00000859	1.64	2.71	0.0306	0.000344	11.9	0.00147	0.0387	0.00021	0.000203	0.0000868	0.085	0.00000206	0.000212	0.000474	0.0016	0.000166
2044 Jul	0.000193	0.000925	0.0908	0.00000864	1.67	2.72	0.0297	0.000345	12.3	0.0015	0.0437	0.000201	0.000212	0.0000885	0.0849	0.0000021	0.00022	0.000472	0.00164	0.000175
2044 Aug	0.000201	0.000969	0.0951	0.00000909	1.74	2.84	0.031	0.000362	12.8	0.00157	0.0454	0.000209	0.00022	0.0000923	0.0888	0.00000221	0.000229	0.00049	0.00171	0.000182
2044 Sep	0.000193	0.000951	0.0931	0.00000904	1.69	2.73	0.0293	0.000367	12.1	0.00152	0.0428	0.000195	0.000206	0.0000887	0.0867	0.00000217	0.000217	0.000462	0.00166	0.000169
2044 Oct	0.00019	0.000948	0.0926	0.00000903	1.66	2.69	0.0284	0.000373	11.8	0.00149	0.0414	0.000187	0.000198	0.0000865	0.0858	0.00000215	0.000211	0.00045	0.00163	0.000162
2044 Nov	0.00019	0.000949	0.0927	0.00000905	1.65	2.68	0.0283	0.000375	11.8	0.00149	0.0412	0.000186	0.000197	0.0000862	0.0858	0.00000215	0.000211	0.000449	0.00163	0.000161
2044 Dec	0.00019	0.000949	0.0928	0.00000905	1.65	2.68	0.0283	0.000375	11.8	0.00149	0.0412	0.000186	0.000197	0.0000862	0.0859	0.00000215	0.000211	0.000449	0.00163	0.000161

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Jan	0.00019	0.000949	0.0928	0.00000905	1.65	2.68	0.0283	0.000375	11.8	0.00149	0.0412	0.000186	0.000197	0.0000862	0.0859	0.00000215	0.000211	0.000449	0.00163	0.000161
2045 Feb	0.00019	0.000949	0.0928	0.00000905	1.65	2.68	0.0283	0.000375	11.8	0.00149	0.0412	0.000186	0.000197	0.0000862	0.0859	0.00000215	0.000211	0.000449	0.00163	0.000161
2045 Mar	0.00019	0.00095	0.0928	0.00000905	1.66	2.68	0.0284	0.000375	11.8	0.00149	0.0412	0.000186	0.000197	0.0000863	0.0859	0.00000216	0.000211	0.000449	0.00163	0.000161
2045 Apr	0.00019	0.000951	0.093	0.00000907	1.66	2.69	0.0284	0.000376	11.8	0.00149	0.0413	0.000187	0.000197	0.0000864	0.0861	0.00000216	0.000211	0.00045	0.00163	0.000161
2045 May	0.000192	0.000962	0.094	0.00000917	1.68	2.72	0.0287	0.00038	11.9	0.00151	0.0418	0.000189	0.0002	0.0000874	0.087	0.00000218	0.000213	0.000455	0.00165	0.000163
2045 Jun	0.000176	0.0009	0.0887	0.00000889	1.57	2.51	0.0264	0.00034	11	0.00144	0.0416	0.000173	0.000204	0.0000822	0.0809	0.00000212	0.000199	0.000448	0.00166	0.000152
2045 Jul	0.000172	0.000896	0.0876	0.00000891	1.58	2.49	0.0259	0.000329	11.1	0.00145	0.0445	0.000169	0.000211	0.0000825	0.0802	0.00000214	0.0002	0.000451	0.00169	0.000155
2045 Aug	0.000176	0.000921	0.0901	0.0000092	1.61	2.54	0.0264	0.00034	11.2	0.00148	0.0451	0.000171	0.000214	0.0000843	0.0823	0.0000022	0.000203	0.000457	0.00173	0.000156
2045 Sep	0.000175	0.000924	0.0903	0.00000927	1.61	2.53	0.0261	0.000347	11.1	0.00148	0.0444	0.000168	0.00021	0.0000838	0.0824	0.0000022	0.000201	0.00045	0.00173	0.000153
2045 Oct	0.000176	0.000929	0.0908	0.00000933	1.61	2.54	0.0261	0.00035	11.1	0.00148	0.0444	0.000168	0.00021	0.000084	0.0828	0.00000221	0.000201	0.000451	0.00173	0.000153
2045 Nov	0.000176	0.000931	0.091	0.00000935	1.62	2.54	0.0262	0.000351	11.1	0.00148	0.0445	0.000168	0.00021	0.0000841	0.083	0.00000222	0.000201	0.000452	0.00173	0.000153
2045 Dec	0.000176	0.000932	0.091	0.00000935	1.62	2.55	0.0262	0.000351	11.2	0.00148	0.0445	0.000168	0.00021	0.0000842	0.083	0.00000222	0.000202	0.000452	0.00173	0.000153
2046 Jan	0.000176	0.000932	0.091	0.00000935	1.62	2.55	0.0262	0.000351	11.2	0.00148	0.0445	0.000168	0.00021	0.0000842	0.083	0.00000222	0.000202	0.000452	0.00173	0.000153
2046 Feb	0.000176	0.000932	0.091	0.00000935	1.62	2.55	0.0262	0.000351	11.2	0.00148	0.0445	0.000168	0.00021	0.0000842	0.083	0.00000222	0.000202	0.000452	0.00173	0.000153
2046 Mar	0.000176	0.000933	0.0911	0.00000936	1.62	2.55	0.0262	0.000351	11.2	0.00149	0.0446	0.000168	0.000211	0.0000842	0.0831	0.00000222	0.000202	0.000453	0.00174	0.000153
2046 Apr	0.000177	0.000936	0.0915	0.00000939	1.62	2.56	0.0263	0.000352	11.2	0.00149	0.0448	0.000169	0.000211	0.0000846	0.0834	0.00000223	0.000202	0.000454	0.00174	0.000154
2046 May	0.00018	0.000948	0.093	0.00000951	1.65	2.59	0.0269	0.000356	11.3	0.00151	0.0452	0.000173	0.000214	0.0000857	0.0847	0.00000226	0.000205	0.000462	0.00176	0.000155
2046 Jun	0.000169	0.000879	0.0876	0.00000899	1.53	2.4	0.0255	0.000314	10.4	0.00142	0.0447	0.000166	0.000213	0.0000804	0.079	0.00000214	0.000188	0.000455	0.00172	0.000143
2046 Jul	0.000159	0.000853	0.0819	0.00000851	1.51	2.33	0.024	0.0003	10.6	0.0014	0.05	0.000154	0.000211	0.0000796	0.0764	0.00000208	0.000191	0.00043	0.00166	0.000151
2046 Aug	0.000162	0.000878	0.0843	0.0000088	1.55	2.38	0.0244	0.000311	10.7	0.00143	0.0506	0.000156	0.000214	0.0000813	0.0784	0.00000214	0.000194	0.000435	0.0017	0.000152
2046 Sep	0.000158	0.000869	0.0833	0.00000878	1.51	2.32	0.0234	0.000319	10.3	0.00139	0.048	0.000148	0.000202	0.0000789	0.0773	0.00000212	0.000186	0.000415	0.00165	0.000143
2046 Oct	0.000156	0.000871	0.0824	0.00000867	1.5	2.31	0.0228	0.00033	10.2	0.00138	0.0482	0.000142	0.000194	0.0000778	0.0771	0.00000209	0.000185	0.000401	0.0016	0.000142
2046 Nov	0.000157	0.000874	0.0824	0.00000865	1.51	2.32	0.0228	0.000333	10.3	0.00138	0.0487	0.000141	0.000193	0.000078	0.0773	0.00000209	0.000186	0.0004	0.0016	0.000143
2046 Dec	0.000157	0.000874	0.0824	0.00000865	1.51	2.32	0.0228	0.000333	10.3	0.00138	0.0487	0.000141	0.000193	0.000078	0.0773	0.0000021	0.000186	0.0004	0.0016	0.000143
2047 Jan	0.000157	0.000874	0.0824	0.00000865	1.51	2.32	0.0228	0.000333	10.3	0.00138	0.0487	0.000141	0.000193	0.000078	0.0773	0.0000021	0.000186	0.0004	0.0016	0.000143
2047 Feb	0.000157	0.000874	0.0824	0.00000866	1.51	2.32	0.0228	0.000333	10.3	0.00138	0.0487	0.000141	0.000193	0.0000781	0.0774	0.0000021	0.000186	0.0004	0.0016	0.000143
2047 Mar	0.000157	0.000876	0.0825	0.00000867	1.51	2.33	0.0229	0.000334	10.3	0.00138	0.0488	0.000142	0.000194	0.0000782	0.0775	0.0000021	0.000187	0.000401	0.0016	0.000143
2047 Apr	0.000157	0.000877	0.0827	0.00000869	1.51	2.33	0.0229	0.000334	10.3	0.00139	0.0489	0.000142	0.000194	0.0000783	0.0776	0.0000021	0.000187	0.000401	0.0016	0.000144
2047 May	0.000171	0.000894	0.0867	0.00000873	1.54	2.41	0.0253	0.000334	10.4	0.00141	0.0492	0.000164	0.000197	0.0000806	0.0809	0.00000211	0.000188	0.000426	0.00162	0.000144
2047 Jun	0.000217	0.000915	0.0962	0.00000828	1.62	2.66	0.0339	0.000312	10.8	0.00146	0.0534	0.000242	0.000205	0.0000879	0.0905	0.00000206	0.000188	0.000506	0.00158	0.000147
2047 Jul	0.000221	0.000944	0.0996	0.00000868	1.67	2.72	0.0345	0.000318	11	0.00151	0.0544	0.000247	0.000213	0.00009	0.0929	0.00000214	0.000191	0.000523	0.00166	0.000148
2047 Aug	0.000228	0.000976	0.103	0.00000902	1.72	2.8	0.0354	0.000332	11.3	0.00155	0.0557	0.000253	0.000218	0.0000928	0.0959	0.00000222	0.000196	0.000536	0.00171	0.000152
2047 Sep	0.000222	0.000968	0.102	0.00000903	1.69	2.74	0.0341	0.000339	11	0.00152	0.0535	0.000241	0.000209	0.0000904	0.0944	0.0000022	0.00019	0.000516	0.00168	0.000144
2047 Oct	0.000216	0.000959	0.1	0.00000898	1.65	2.67	0.0328	0.000345	10.6	0.00149	0.0512	0.00023	0.000199	0.0000874	0.0926	0.00000217	0.000184	0.000497	0.00164	0.000137
2047 Nov	0.000215	0.000958	0.1	0.00000898	1.64	2.66	0.0325	0.000347	10.5	0.00148	0.0507	0.000227	0.000197	0.0000868	0.0923	0.00000216	0.000183	0.000494	0.00163	0.000135
2047 Dec	0.000215	0.000958	0.1	0.00000898	1.64	2.66	0.0325	0.000347	10.5	0.00148	0.0507	0.000227	0.000197	0.0000869	0.0923	0.00000216	0.000183	0.000494	0.00163	0.000135
2048 Jan	0.000215	0.000959	0.1	0.00000898	1.64	2.66	0.0325	0.000347	10.5	0.00148	0.0508	0.000227	0.000197	0.0000869	0.0924	0.00000216	0.000183	0.000494	0.00163	0.000135
2048 Feb	0.000215	0.000959	0.1	0.00000898	1.64	2.67	0.0325	0.000348	10.5	0.00148	0.0508	0.000228	0.000197	0.0000869	0.0924	0.00000217	0.000183	0.000494	0.00163	0.000135
2048 Mar	0.000215	0.000959	0.1	0.00000898	1.64	2.67	0.0325	0.000348	10.5	0.00148	0.0508	0.000228	0.000197	0.0000869	0.0924	0.00000217	0.000183	0.000494	0.00163	0.000135
2048 Apr	0.000216	0.000962	0.101	0.00000901	1.65	2.67	0.0327	0.000349	10.6	0.00148	0.0509	0.000228	0.000198	0.0000872	0.0927	0.00000217	0.000183	0.000496	0.00164	0.000136
2048 May	0.000218	0.000974	0.102	0.00000913	1.67	2.71	0.0331	0.000353	10.7	0.0015	0.0516	0.000231	0.0002	0.0000883	0.0939	0.0000022	0.000186	0.000502	0.00166	0.000137
2048 Jun	0.000188	0.000896	0.0906	0.00000859	1.56	2.46	0.0286	0.000315	10.3	0.00142	0.0531	0.000194	0.000204	0.0000826	0.0847	0.00000211	0.000181	0.000467	0.00163	0.000138
2048 Jul	0.000168	0.000863	0.0831	0.00000827	1.52	2.35	0.0255	0.000298	10.4	0.0014	0.0574	0.000168	0.000208	0.0000808	0.0797	0.00000208	0.000184	0.000436	0.00162	0.000147
2048 Aug	0.000168	0.000876	0.0844	0.0000085	1.53	2.35	0.0252	0.000306	10.3	0.0014	0.0561	0.000165	0.000204	0.0000809	0.0804	0.00000211	0.000182	0.000427	0.00163	0.000143
2048 Sep	0.000167	0.000877	0.0844	0.00000857	1.52	2.32	0.0247	0.000314	10.1	0.00139	0.0546	0.00016	0.000198	0.0000799	0.0802	0.00000212	0.000178	0.000417	0.00161	0.000138
2048 Oct	0.000165	0.000875	0.084	0.00000854	1.5	2.3	0.0242	0.00032	9.91	0.00138	0.0535	0.000155	0.000192	0.0000786	0.0796	0.0000021	0.000176	0.000408	0.00159	0.000135
2048 Nov	0.000164	0.000878	0.084	0.00000855	1.5	2.3	0.024	0.000324	9.9	0.00138	0.0534	0.000154	0.00019	0.0000784	0.0797	0.0000021	0.000176	0.000406	0.00158	0.000134
2048 Dec	0.000164	0.000878	0.0841	0.00000855	1.5	2.3	0.024	0.000324	9.91	0.00138	0.0535	0.000154	0.00019	0.0000784	0.0797	0.0000021	0.000176	0.000406	0.00158	0.000134
2049 Jan	0.000164	0.000878	0.0841	0.00000855	1.5	2.3	0.024	0.000324	9.91	0.00138	0.0535	0.000154	0.00019	0.0000784	0.0798	0.0000021	0.000176	0.000406	0.00158	0.000134
2049 Feb	0.000164	0.000878	0.0841	0.00000855	1.5	2.3	0.024	0.000324	9.91	0.00138	0.0535	0.000154	0.00019	0.0000784	0.0798	0.0000021	0.000176	0.000406	0.00158	0.000134
2049 Mar	0.000165	0.000879	0.0841	0.00000856	1.5	2.31	0.0241	0.000324	9.91	0.00138	0.0535	0.000154	0.00019	0.0000785	0.0798	0.0000021	0.000176	0.000406	0.00158	0.000134
2049 Apr	0.000165	0.000881	0.0844	0.00000858	1.51	2.31	0.0241	0.000325	9.94	0.00138	0.0537	0.000154	0.000191	0.0000787	0.08	0.00000211	0.000176	0.000407	0.00159	0.000135
2049 May	0.000168	0.000893	0.0858	0.00000869	1.53	2.35	0.0246	0.000329	10.1	0.0014	0.0542	0.000158	0.000193	0.0000798	0.0813	0.00000213	0.000178	0.000415	0.00161	0.000136
2049 Jun	0.000157	0.000835	0.0796	0.00000814	1.46	2.22	0.0235	0.000293	9.83	0.00135	0.0556	0.000151	0.0002	0.0000771	0.0764	0.00000204	0.000175	0.000412	0.00158	0.000138
2049 Jul	0.000152	0.000832	0.0771	0.00000801	1.47	2.21	0.0227	0.000287	10.1	0.00136	0.0591	0.000144	0.000204	0.0000778	0.0756	0.00000205	0.00018	0.000405	0.00159	0.000145
2049 Aug	0.000158	0.000869	0.0807	0.0000084	1.53	2.3	0.0236	0.000301	10.5	0.00141	0.0612	0.000149	0.000211	0.0000809	0.0788	0.00000214	0.000186	0.000419	0.00165	0.00015
2049 Sep	0.000156	0.000868	0.0806	0.00000844	1.51	2.26	0.0229	0.000311	10.2	0.00139	0.0586	0.000143	0.000202	0.000079	0.0782	0.00000213	0.000181	0.000405	0.00162	0.000143
2049 Oct	0.000153	0.000865	0.0804	0.00000843	1.48	2.22	0.0221	0.000319	9.85	0.00136	0.0562	0.000136	0.000192	0.0000767	0.0774	0.0000021	0.000175	0.000393	0.00159	0.000135
2049 Nov	0.000153	0.000866	0.0806	0.00000845	1.48	2.22	0.022	0.000321	9.81	0.00136	0.0558	0.000136	0.000191	0.0000765	0.0774	0.0000021	0.000175	0.000392	0.00158	0.000134
2049 Dec	0.000153	0.000867	0.0806	0.00000845	1.48	2.22	0.022	0.000321	9.82	0.00136	0.0559	0.000136	0.000191	0.0000765	0.0774	0.0000021	0.000175	0.000392	0.00158	0.000134
2050 Jan	0.000153	0.000867	0.0806	0.00000845	1.48	2.22	0.022	0.000321	9.82	0.00136	0.0559	0.000136	0.000191	0.0000765	0.0774	0.0000021	0.000175	0.000392	0.00158	0.000134
2050 Feb	0.000153	0.000867	0.0806	0.00000845	1.48	2.22	0.022	0.000321	9.82	0.00136	0.0559	0.000136	0.000191	0.0000765	0.0774	0.0000021	0.000175	0.000392	0.00158	0.000134
2050 Mar	0.000153	0.000867	0.0806	0.00000845	1.48	2.22	0.022	0.000321	9.82	0.00136	0.0559	0.000136	0.000191	0.0000765	0.0774	0.0000021	0.000175	0.000392	0.00158	0.000135
2050 Apr	0.000154	0.000869	0.0808	0.00000847	1.48	2.23	0.0221	0.000322	9.84	0.00136	0.056	0.000136	0.000192	0.0000767	0.0776	0.00000211	0.000175	0.000393	0.00159	0.000135
2050 May	0.000156	0.000879	0.0819	0.00000856	1.5	2.26	0.0224	0.000325	9.94	0.00138	0.0565	0.000139	0.000194	0.0000776	0.0786	0.00000213	0.000177	0.000398	0.0016	0.000136
2050 Jun	0.000161	0.000844	0.0816	0.00000825	1.46	2.22	0.0239	0.000294	9.62	0.00135	0.055	0.000155	0.000199	0.0000768	0.0775	0.00000206	0.00017	0.000421	0.0016	0.000132
2050 Jul	0.00015	0.000822	0.0766	0.00000792	1.44	2.16	0.0222	0.000283	9.78	0.00133	0.0575	0.000142	0.000198	0.0000758	0.0745	0.00000202	0.000174	0.000396	0.00156	0.000139

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Aug	0.000153	0.000846	0.079	0.00000819	1.47	2.2	0.0226	0.00029	9.93	0.00136	0.0581	0.000145	0.0002	0.0000773	0.0762	0.00000207	0.000176	0.0004	0.00159	0.00014
2050 Sep	0.000152	0.000849	0.0794	0.00000827	1.46	2.19	0.0223	0.000298	9.78	0.00135	0.0568	0.000141	0.000196	0.0000766	0.0763	0.00000208	0.000174	0.000393	0.00158	0.000136
2050 Oct	0.000153	0.000856	0.08	0.00000833	1.47	2.2	0.0223	0.000302	9.81	0.00136	0.0569	0.000141	0.000196	0.0000769	0.0768	0.00000209	0.000174	0.000394	0.00159	0.000136
2050 Nov	0.000154	0.000859	0.0803	0.00000836	1.48	2.21	0.0224	0.000303	9.83	0.00136	0.057	0.000142	0.000196	0.0000771	0.077	0.0000021	0.000175	0.000395	0.00159	0.000137
2050 Dec	0.000154	0.000859	0.0803	0.00000836	1.48	2.21	0.0224	0.000303	9.84	0.00136	0.0571	0.000142	0.000196	0.0000771	0.077	0.0000021	0.000175	0.000395	0.00159	0.000137
2051 Jan	0.000154	0.000859	0.0803	0.00000836	1.48	2.21	0.0224	0.000303	9.84	0.00136	0.0571	0.000142	0.000196	0.0000771	0.077	0.0000021	0.000175	0.000396	0.00159	0.000137
2051 Feb	0.000154	0.000859	0.0803	0.00000836	1.48	2.21	0.0224	0.000303	9.84	0.00136	0.0571	0.000142	0.000196	0.0000771	0.077	0.0000021	0.000175	0.000396	0.00159	0.000137
2051 Mar	0.000154	0.000859	0.0803	0.00000837	1.48	2.21	0.0224	0.000303	9.84	0.00136	0.0571	0.000142	0.000196	0.0000772	0.0771	0.0000021	0.000175	0.000396	0.00159	0.000137
2051 Apr	0.000154	0.000862	0.0806	0.00000839	1.48	2.22	0.0225	0.000304	9.88	0.00136	0.0573	0.000142	0.000197	0.0000774	0.0773	0.00000211	0.000175	0.000397	0.0016	0.000137
2051 May	0.000161	0.000877	0.0831	0.00000851	1.51	2.27	0.0237	0.000307	9.97	0.00139	0.0575	0.000152	0.0002	0.0000789	0.0793	0.00000213	0.000176	0.000411	0.00162	0.000137
2051 Jun	0.000177	0.000837	0.0833	0.00000781	1.48	2.3	0.0272	0.000275	9.85	0.00135	0.0569	0.000187	0.000202	0.0000796	0.0802	0.000002	0.000172	0.000445	0.00155	0.000137
2051 Jul	0.000166	0.000839	0.0788	0.00000769	1.51	2.29	0.0254	0.000281	10.4	0.00137	0.0621	0.000169	0.000206	0.0000808	0.079	0.00000202	0.000184	0.000425	0.00155	0.000151
2051 Aug	0.000165	0.000849	0.08	0.00000792	1.51	2.28	0.025	0.000289	10.2	0.00137	0.0603	0.000165	0.000201	0.0000804	0.0793	0.00000205	0.00018	0.000414	0.00155	0.000146
2051 Sep	0.000161	0.000846	0.0789	0.00000789	1.48	2.24	0.0239	0.000303	9.99	0.00134	0.0583	0.000154	0.00019	0.0000782	0.0783	0.00000203	0.000176	0.000394	0.00151	0.00014
2051 Oct	0.000153	0.000842	0.075	0.00000757	1.46	2.2	0.0218	0.000327	9.98	0.00131	0.0584	0.000135	0.000173	0.0000756	0.0767	0.00000197	0.000178	0.000357	0.0014	0.000142
2051 Nov	0.000152	0.000845	0.0749	0.00000757	1.46	2.21	0.0217	0.000331	10	0.00131	0.0586	0.000133	0.000172	0.0000756	0.0768	0.00000197	0.000179	0.000355	0.0014	0.000142
2051 Dec	0.000152	0.000845	0.075	0.00000757	1.46	2.21	0.0217	0.000331	10	0.00131	0.0586	0.000133	0.000172	0.0000756	0.0768	0.00000197	0.000179	0.000355	0.0014	0.000142
2052 Jan	0.000152	0.000845	0.075	0.00000757	1.46	2.21	0.0217	0.000331	10	0.00131	0.0586	0.000133	0.000172	0.0000756	0.0768	0.00000197	0.000179	0.000355	0.0014	0.000142
2052 Feb	0.000152	0.000845	0.075	0.00000757	1.46	2.21	0.0217	0.000331	10	0.00131	0.0586	0.000133	0.000172	0.0000757	0.0768	0.00000197	0.000179	0.000355	0.0014	0.000142
2052 Mar	0.000152	0.000846	0.075	0.00000758	1.46	2.21	0.0217	0.000331	10	0.00131	0.0587	0.000133	0.000173	0.0000757	0.0769	0.00000197	0.000179	0.000355	0.0014	0.000143
2052 Apr	0.000153	0.000848	0.0752	0.0000076	1.47	2.21	0.0218	0.000332	10	0.00131	0.0588	0.000133	0.000173	0.0000759	0.077	0.00000198	0.000179	0.000356	0.0014	0.000143
2052 May	0.000167	0.000865	0.0799	0.00000771	1.49	2.29	0.0243	0.000331	10.1	0.00134	0.058	0.000156	0.000176	0.0000779	0.0803	0.00000199	0.000178	0.000383	0.00142	0.00014
2052 Jun	0.000195	0.000873	0.0872	0.00000766	1.54	2.43	0.0298	0.000307	10.1	0.00137	0.0574	0.000208	0.000188	0.0000821	0.0857	0.00000198	0.000176	0.000448	0.00146	0.000139
2052 Jul	0.000189	0.000877	0.0874	0.00000787	1.52	2.38	0.0285	0.000302	9.92	0.00136	0.056	0.000199	0.000186	0.0000808	0.0842	0.00000201	0.000173	0.000432	0.00148	0.000134
2052 Aug	0.000189	0.000892	0.0888	0.00000809	1.53	2.4	0.0284	0.00031	9.9	0.00138	0.0555	0.000198	0.000184	0.0000813	0.085	0.00000205	0.000172	0.000428	0.00149	0.000133
2052 Sep	0.000186	0.000891	0.0882	0.00000814	1.52	2.37	0.0276	0.000318	9.72	0.00136	0.054	0.00019	0.000178	0.00008	0.0844	0.00000204	0.000169	0.000416	0.00147	0.000129
2052 Oct	0.000184	0.000893	0.0876	0.00000812	1.52	2.36	0.0271	0.000325	9.75	0.00136	0.0542	0.000185	0.000176	0.0000797	0.0842	0.00000204	0.00017	0.000409	0.00146	0.000129
2052 Nov	0.000184	0.000895	0.0878	0.00000815	1.52	2.37	0.0272	0.000326	9.77	0.00136	0.0544	0.000185	0.000176	0.0000799	0.0844	0.00000205	0.000171	0.00041	0.00147	0.00013
2052 Dec	0.000184	0.000895	0.0878	0.00000815	1.52	2.37	0.0272	0.000326	9.78	0.00136	0.0544	0.000185	0.000176	0.0000799	0.0844	0.00000205	0.000171	0.00041	0.00147	0.00013
2053 Jan	0.000184	0.000895	0.0878	0.00000815	1.52	2.37	0.0272	0.000326	9.78	0.00136	0.0544	0.000185	0.000176	0.0000799	0.0845	0.00000205	0.000171	0.00041	0.00147	0.00013
2053 Feb	0.000184	0.000896	0.0879	0.00000815	1.52	2.37	0.0272	0.000326	9.78	0.00136	0.0544	0.000185	0.000176	0.0000799	0.0845	0.00000205	0.000171	0.00041	0.00147	0.00013
2053 Mar	0.000185	0.000897	0.088	0.00000816	1.52	2.38	0.0272	0.000326	9.79	0.00137	0.0545	0.000186	0.000177	0.00008	0.0846	0.00000205	0.000171	0.000411	0.00147	0.00013
2053 Apr	0.000185	0.0009	0.0883	0.00000819	1.53	2.38	0.0273	0.000328	9.83	0.00137	0.0547	0.000186	0.000177	0.0000803	0.0849	0.00000206	0.000172	0.000412	0.00147	0.000131
2053 May	0.000214	0.000926	0.0966	0.00000825	1.58	2.55	0.0325	0.000322	9.94	0.00141	0.0538	0.000234	0.000183	0.0000846	0.0913	0.00000206	0.000171	0.000467	0.0015	0.000128
2053 Jun	0.000233	0.000902	0.0969	0.00000757	1.61	2.65	0.0366	0.000297	10.4	0.00142	0.0563	0.000272	0.000191	0.0000881	0.0938	0.00000196	0.000177	0.000507	0.00145	0.000139
2053 Jul	0.000228	0.000917	0.0962	0.00000774	1.64	2.67	0.0358	0.000304	10.7	0.00145	0.0591	0.000262	0.000198	0.0000896	0.0941	0.00000202	0.000185	0.000504	0.00149	0.000147
2053 Aug	0.000234	0.000948	0.0993	0.00000807	1.69	2.74	0.0366	0.000317	11	0.00149	0.0603	0.000267	0.000202	0.0000922	0.097	0.00000209	0.000189	0.000514	0.00154	0.000149
2053 Sep	0.000239	0.000971	0.102	0.00000828	1.73	2.8	0.0373	0.000326	11.2	0.00153	0.0614	0.000272	0.000206	0.0000941	0.0992	0.00000214	0.000193	0.000524	0.00157	0.000152
2053 Oct	0.00024	0.000977	0.102	0.00000835	1.74	2.81	0.0373	0.00033	11.2	0.00153	0.0615	0.000272	0.000206	0.0000944	0.0996	0.00000216	0.000193	0.000525	0.00158	0.000152
2053 Nov	0.000239	0.000977	0.102	0.00000836	1.73	2.8	0.0372	0.000331	11.2	0.00153	0.0612	0.000271	0.000205	0.0000941	0.0995	0.00000216	0.000193	0.000523	0.00158	0.000151
2053 Dec	0.000239	0.000977	0.102	0.00000836	1.73	2.81	0.0372	0.000331	11.2	0.00153	0.0612	0.000271	0.000205	0.0000941	0.0995	0.00000216	0.000193	0.000523	0.00158	0.000151
2054 Jan	0.000239	0.000977	0.102	0.00000836	1.73	2.81	0.0372	0.000331	11.2	0.00153	0.0612	0.000271	0.000205	0.0000941	0.0995	0.00000216	0.000193	0.000523	0.00158	0.000151
2054 Feb	0.000239	0.000977	0.102	0.00000836	1.73	2.81	0.0372	0.000331	11.2	0.00153	0.0612	0.000271	0.000205	0.0000941	0.0995	0.00000216	0.000193	0.000523	0.00158	0.000151
2054 Mar	0.000239	0.000977	0.102	0.00000836	1.73	2.81	0.0372	0.000331	11.2	0.00153	0.0612	0.000271	0.000205	0.0000941	0.0995	0.00000216	0.000193	0.000523	0.00158	0.000151
2054 Apr	0.00024	0.00098	0.103	0.00000839	1.74	2.81	0.0373	0.000332	11.2	0.00154	0.0614	0.000272	0.000206	0.0000944	0.0998	0.00000216	0.000193	0.000525	0.00158	0.000152
2054 May	0.00025	0.000995	0.106	0.0000085	1.76	2.88	0.039	0.000333	11.3	0.00156	0.0611	0.000287	0.000208	0.000096	0.102	0.00000218	0.000193	0.000544	0.0016	0.00015
2054 Jun	0.000262	0.000944	0.109	0.00000826	1.67	2.8	0.0418	0.000291	10.1	0.00148	0.052	0.000318	0.000205	0.0000919	0.101	0.00000205	0.00017	0.000582	0.00158	0.000127
2054 Jul	0.000233	0.000912	0.101	0.00000808	1.61	2.64	0.0368	0.000287	10	0.00144	0.0532	0.000275	0.000202	0.0000882	0.094	0.00000203	0.000173	0.000529	0.00155	0.000133
2054 Aug	0.00023	0.000917	0.1	0.00000825	1.61	2.62	0.036	0.000296	9.91	0.00144	0.0522	0.000267	0.000197	0.0000877	0.0938	0.00000206	0.000171	0.000514	0.00155	0.00013
2054 Sep	0.000226	0.000919	0.0996	0.00000833	1.61	2.6	0.0352	0.000305	9.82	0.00143	0.0515	0.000258	0.000192	0.000087	0.0934	0.00000206	0.00017	0.0005	0.00154	0.000128
2054 Oct	0.000219	0.000914	0.097	0.00000821	1.59	2.57	0.0337	0.000315	9.85	0.00142	0.0518	0.000244	0.000187	0.0000857	0.0919	0.00000205	0.000172	0.000481	0.0015	0.00013
2054 Nov	0.000216	0.000913	0.0957	0.00000814	1.59	2.56	0.0331	0.00032	9.93	0.00141	0.0524	0.000238	0.000185	0.0000855	0.0914	0.00000204	0.000174	0.000472	0.00149	0.000132
2054 Dec	0.000216	0.000913	0.0958	0.00000815	1.59	2.56	0.0331	0.00032	9.93	0.00141	0.0525	0.000238	0.000186	0.0000855	0.0914	0.00000204	0.000174	0.000473	0.00149	0.000132
2055 Jan	0.000216	0.000914	0.0958	0.00000815	1.59	2.56	0.0331	0.00032	9.93	0.00141	0.0525	0.000238	0.000186	0.0000855	0.0914	0.00000204	0.000174	0.000473	0.00149	0.000132
2055 Feb	0.000216	0.000914	0.0958	0.00000815	1.59	2.56	0.0331	0.00032	9.93	0.00141	0.0525	0.000238	0.000186	0.0000855	0.0914	0.00000204	0.000174	0.000473	0.00149	0.000132
2055 Mar	0.000216	0.000914	0.0958	0.00000815	1.59	2.56	0.0331	0.00032	9.93	0.00141	0.0525	0.000238	0.000186	0.0000855	0.0915	0.00000204	0.000174	0.000473	0.00149	0.000132
2055 Apr	0.000216	0.000916	0.096	0.00000817	1.6	2.57	0.0332	0.000321	9.96	0.00142	0.0526	0.000239	0.000186	0.0000858	0.0917	0.00000205	0.000175	0.000474	0.00149	0.000133
2055 May	0.000219	0.000926	0.0971	0.00000826	1.61	2.6	0.0336	0.000324	10.1	0.00143	0.0532	0.000242	0.000188	0.0000867	0.0927	0.00000207	0.000177	0.000479	0.00151	0.000134
2055 Jun	0.000181	0.000841	0.0838	0.00000774	1.5	2.33	0.0279	0.00029	9.74	0.00135	0.0535	0.000192	0.000195	0.0000804	0.0818	0.00000198	0.000176	0.000439	0.0015	0.000139
2055 Jul	0.000171	0.000836	0.0796	0.00000761	1.52	2.3	0.0262	0.00029	10.2	0.00136	0.0571	0.000176	0.0002	0.000081	0.0801	0.000002	0.000186	0.000422	0.00151	0.000151
2055 Aug	0.000175	0.000861	0.0822	0.00000789	1.55	2.36	0.0267	0.000299	10.3	0.00139	0.0579	0.000179	0.000203	0.0000828	0.0822	0.00000206	0.000189	0.000428	0.00155	0.000153
2055 Sep	0.000173	0.000862	0.0823	0.00000798	1.54	2.34	0.0261	0.000307	10.1	0.00138	0.0563	0.000174	0.000198	0.0000819	0.0819	0.00000206	0.000185	0.000419	0.00153	0.000148
2055 Oct	0.000173	0.000867	0.0827	0.00000804	1.55	2.34	0.0261	0.000311	10.1	0.00139	0.0561	0.000173	0.000197	0.0000818	0.0822	0.00000207	0.000185	0.000418	0.00154	0.000147
2055 Nov	0.000173	0.000869	0.0829	0.00000805	1.55	2.34	0.0261	0.000312	10.1	0.00139	0.0561	0.000173	0.000196	0.0000818	0.0823	0.00000207	0.000185	0.000418	0.00154	0.000147
2055 Dec	0.000173	0.000869	0.0829	0.00000805	1.55	2.34	0.0261	0.000312	10.1	0.00139	0.0561	0.000173	0.000196	0.0000818	0.0823	0.00000207	0.000185	0.000418	0.00154	0.000147
2056 Jan	0.000173	0.000869	0.0829	0.00000805	1.55	2.34	0.0261	0.000312	10.1	0.00139	0.0561	0.000173	0.000196	0.0000818	0.0823	0.00000207	0.000185	0.000418	0.00154	0.000147
2056 Feb	0.000173	0.000869	0.0829	0.00000806	1.55	2.34	0.0261	0.000312	10.1	0.00139	0.0561	0.000173	0.000196	0.0000818	0.0823	0.00000207	0.000185	0.000418	0.00154	0.000147

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.000173	0.000869	0.0829	0.00000806	1.55	2.34	0.0261	0.000312	10.1	0.00139	0.0561	0.000173	0.000197	0.0000818	0.0824	0.00000207	0.000185	0.000418	0.00154	0.000147
2056 Apr	0.000174	0.000872	0.0832	0.00000808	1.55	2.35	0.0262	0.000313	10.2	0.00139	0.0563	0.000174	0.000197	0.0000821	0.0826	0.00000208	0.000185	0.000419	0.00154	0.000147
2056 May	0.000197	0.000896	0.0905	0.00000822	1.59	2.48	0.0302	0.000311	10.1	0.00142	0.0548	0.000211	0.0002	0.000085	0.0877	0.00000209	0.000182	0.000463	0.00157	0.000142
2056 Jun	0.000236	0.000898	0.099	0.0000078	1.62	2.66	0.0375	0.00029	10.1	0.00143	0.0524	0.00028	0.000201	0.000089	0.0945	0.00000199	0.000178	0.00053	0.00151	0.000138
2056 Jul	0.000236	0.000922	0.101	0.00000808	1.66	2.7	0.0374	0.000298	10.4	0.00147	0.0541	0.000278	0.000207	0.0000908	0.0959	0.00000206	0.000183	0.000535	0.00156	0.000143
2056 Aug	0.000236	0.000938	0.102	0.00000832	1.67	2.71	0.0373	0.000305	10.4	0.00148	0.0536	0.000276	0.000206	0.0000912	0.0967	0.0000021	0.000183	0.00053	0.00158	0.000141
2056 Sep	0.000239	0.000954	0.104	0.00000849	1.69	2.74	0.0375	0.000314	10.4	0.0015	0.0538	0.000276	0.000207	0.000092	0.0979	0.00000214	0.000184	0.000533	0.0016	0.000141
2056 Oct	0.000233	0.000947	0.102	0.00000847	1.66	2.69	0.0363	0.00032	10.2	0.00147	0.052	0.000266	0.000199	0.0000896	0.0964	0.00000212	0.000179	0.000518	0.00157	0.000135
2056 Nov	0.000232	0.000947	0.102	0.00000848	1.66	2.68	0.036	0.000322	10.1	0.00147	0.0517	0.000264	0.000197	0.0000892	0.0962	0.00000211	0.000179	0.000515	0.00157	0.000134
2056 Dec	0.000232	0.000947	0.102	0.00000848	1.66	2.68	0.036	0.000322	10.1	0.00147	0.0517	0.000264	0.000197	0.0000892	0.0962	0.00000212	0.000179	0.000515	0.00157	0.000134
2057 Jan	0.000232	0.000947	0.102	0.00000848	1.66	2.68	0.0361	0.000322	10.1	0.00147	0.0517	0.000264	0.000198	0.0000892	0.0962	0.00000212	0.000179	0.000515	0.00157	0.000134
2057 Feb	0.000232	0.000947	0.102	0.00000848	1.66	2.68	0.0361	0.000322	10.1	0.00147	0.0517	0.000264	0.000198	0.0000892	0.0962	0.00000212	0.000179	0.000515	0.00157	0.000134
2057 Mar	0.000233	0.000948	0.102	0.00000849	1.66	2.68	0.0361	0.000322	10.1	0.00147	0.0518	0.000264	0.000198	0.0000893	0.0963	0.00000212	0.000179	0.000516	0.00157	0.000134
2057 Apr	0.000233	0.000951	0.103	0.00000851	1.66	2.69	0.0362	0.000323	10.1	0.00147	0.0519	0.000265	0.000198	0.0000896	0.0966	0.00000212	0.000179	0.000517	0.00158	0.000135
2057 May	0.000242	0.000967	0.106	0.00000864	1.69	2.75	0.0376	0.000326	10.2	0.0015	0.0521	0.000277	0.000201	0.0000913	0.0989	0.00000215	0.00018	0.000534	0.0016	0.000135
2057 Jun	0.000232	0.000902	0.1	0.0000081	1.61	2.62	0.0368	0.000292	9.78	0.00143	0.0496	0.000273	0.000203	0.0000877	0.0938	0.00000203	0.000174	0.000532	0.00156	0.000132
2057 Jul	0.000223	0.000905	0.0979	0.00000819	1.63	2.61	0.0352	0.000296	10	0.00145	0.0516	0.000258	0.000209	0.0000881	0.0926	0.00000207	0.000181	0.000521	0.00159	0.00014
2057 Aug	0.000234	0.000953	0.103	0.00000865	1.71	2.74	0.0369	0.000312	10.5	0.00152	0.054	0.00027	0.000218	0.0000925	0.0972	0.00000218	0.00019	0.000545	0.00167	0.000146
2057 Sep	0.000237	0.000968	0.105	0.00000881	1.73	2.77	0.0371	0.00032	10.6	0.00154	0.0543	0.000271	0.000219	0.0000934	0.0985	0.00000221	0.000192	0.000549	0.00169	0.000147
2057 Oct	0.000235	0.000967	0.104	0.00000882	1.72	2.75	0.0366	0.000324	10.5	0.00153	0.0536	0.000267	0.000216	0.0000925	0.098	0.0000022	0.00019	0.000543	0.00168	0.000144
2057 Nov	0.000235	0.000969	0.104	0.00000884	1.72	2.75	0.0367	0.000325	10.5	0.00153	0.0536	0.000267	0.000216	0.0000925	0.0981	0.00000221	0.00019	0.000543	0.00168	0.000144
2057 Dec	0.000235	0.000969	0.104	0.00000884	1.72	2.75	0.0367	0.000325	10.5	0.00153	0.0536	0.000267	0.000216	0.0000925	0.0982	0.00000221	0.00019	0.000543	0.00168	0.000144
2058 Jan	0.000235	0.000969	0.104	0.00000884	1.72	2.75	0.0367	0.000325	10.5	0.00153	0.0536	0.000267	0.000216	0.0000925	0.0982	0.00000221	0.00019	0.000543	0.00168	0.000144
2058 Feb	0.000235	0.000969	0.104	0.00000884	1.72	2.75	0.0367	0.000325	10.5	0.00153	0.0536	0.000267	0.000216	0.0000926	0.0982	0.00000221	0.00019	0.000543	0.00168	0.000144
2058 Mar	0.000235	0.000969	0.104	0.00000884	1.72	2.75	0.0367	0.000325	10.5	0.00153	0.0536	0.000267	0.000216	0.0000926	0.0982	0.00000221	0.00019	0.000543	0.00168	0.000144
2058 Apr	0.000235	0.000971	0.105	0.00000886	1.72	2.76	0.0367	0.000326	10.5	0.00153	0.0537	0.000267	0.000216	0.0000928	0.0984	0.00000221	0.00019	0.000544	0.00168	0.000144
2058 May	0.00026	0.000993	0.112	0.00000897	1.76	2.88	0.0411	0.000321	10.5	0.00156	0.0519	0.000307	0.000219	0.0000956	0.104	0.00000222	0.000186	0.000589	0.0017	0.000138
2058 Jun	0.000273	0.000941	0.11	0.00000797	1.72	2.9	0.0442	0.000295	10.3	0.0015	0.0504	0.000339	0.00021	0.0000954	0.103	0.00000202	0.000183	0.000601	0.00155	0.00014
2058 Jul	0.000262	0.000948	0.107	0.00000802	1.75	2.89	0.0421	0.000305	10.8	0.00152	0.0538	0.000318	0.000215	0.0000963	0.102	0.00000207	0.000194	0.000581	0.00157	0.000152
2058 Aug	0.000267	0.000975	0.11	0.00000831	1.79	2.95	0.0428	0.000315	11	0.00156	0.0547	0.000323	0.000219	0.0000984	0.105	0.00000213	0.000197	0.00059	0.00161	0.000154
2058 Sep	0.000262	0.000975	0.109	0.00000838	1.76	2.91	0.0417	0.000324	10.7	0.00154	0.0531	0.000313	0.000212	0.0000965	0.104	0.00000213	0.000193	0.000575	0.00159	0.000149
2058 Oct	0.000258	0.000973	0.108	0.00000841	1.74	2.87	0.0407	0.00033	10.6	0.00152	0.0519	0.000304	0.000206	0.0000948	0.103	0.00000212	0.00019	0.000564	0.00158	0.000144
2058 Nov	0.000258	0.000975	0.108	0.00000843	1.74	2.88	0.0407	0.000331	10.6	0.00152	0.0519	0.000304	0.000206	0.0000948	0.103	0.00000213	0.00019	0.000564	0.00158	0.000144
2058 Dec	0.000258	0.000975	0.108	0.00000843	1.75	2.88	0.0407	0.000331	10.6	0.00152	0.0519	0.000304	0.000206	0.0000948	0.103	0.00000213	0.00019	0.000564	0.00158	0.000144
2059 Jan	0.000258	0.000975	0.108	0.00000843	1.75	2.88	0.0407	0.000331	10.6	0.00152	0.0519	0.000304	0.000206	0.0000948	0.103	0.00000213	0.00019	0.000564	0.00158	0.000144
2059 Feb	0.000258	0.000975	0.108	0.00000843	1.75	2.88	0.0407	0.000331	10.6	0.00152	0.0519	0.000304	0.000206	0.0000948	0.103	0.00000213	0.00019	0.000564	0.00158	0.000144
2059 Mar	0.000258	0.000975	0.108	0.00000843	1.75	2.88	0.0407	0.000331	10.6	0.00152	0.0519	0.000304	0.000206	0.0000948	0.103	0.00000213	0.00019	0.000564	0.00158	0.000144
2059 Apr	0.000259	0.000978	0.109	0.00000845	1.75	2.88	0.0408	0.000332	10.6	0.00153	0.052	0.000305	0.000207	0.000095	0.103	0.00000213	0.000191	0.000565	0.00158	0.000144
2059 May	0.000274	0.000996	0.114	0.00000858	1.78	2.97	0.0434	0.000331	10.6	0.00155	0.0512	0.000329	0.000209	0.0000971	0.106	0.00000215	0.000189	0.000594	0.00161	0.000141
2059 Jun	0.000301	0.001	0.121	0.0000085	1.79	3.08	0.0485	0.000313	10.4	0.00156	0.0484	0.000377	0.000213	0.0000995	0.111	0.00000211	0.000182	0.000648	0.00161	0.000134
2059 Jul	0.000312	0.00105	0.126	0.00000895	1.87	3.21	0.0502	0.000327	10.8	0.00163	0.0507	0.000389	0.000224	0.000104	0.116	0.00000221	0.00019	0.000675	0.0017	0.00014
2059 Aug	0.000323	0.00109	0.131	0.00000933	1.95	3.33	0.052	0.000341	11.2	0.0017	0.0525	0.000403	0.000232	0.000108	0.12	0.0000023	0.000197	0.000699	0.00176	0.000145
2059 Sep	0.000321	0.00109	0.131	0.00000944	1.95	3.32	0.0515	0.00035	11.2	0.0017	0.052	0.000397	0.000229	0.000107	0.12	0.00000232	0.000196	0.000692	0.00176	0.000143
2059 Oct	0.000296	0.00105	0.124	0.00000922	1.82	3.1	0.0466	0.000359	10.3	0.00159	0.0472	0.000355	0.000205	0.0000987	0.113	0.00000223	0.000182	0.000632	0.00166	0.000127
2059 Nov	0.000294	0.00105	0.124	0.00000922	1.81	3.08	0.0461	0.000361	10.2	0.00158	0.0467	0.000351	0.000203	0.0000978	0.112	0.00000222	0.00018	0.000626	0.00165	0.000125
2059 Dec	0.000294	0.00105	0.124	0.00000922	1.81	3.08	0.0461	0.000361	10.2	0.00158	0.0467	0.000351	0.000203	0.0000979	0.112	0.00000222	0.00018	0.000626	0.00165	0.000125
2060 Jan	0.000294	0.00105	0.124	0.00000922	1.81	3.09	0.0461	0.000361	10.2	0.00158	0.0467	0.000351	0.000203	0.0000979	0.112	0.00000222	0.00018	0.000626	0.00165	0.000125
2060 Feb	0.000294	0.00105	0.124	0.00000922	1.81	3.09	0.0461	0.000361	10.2	0.00158	0.0467	0.000351	0.000203	0.0000979	0.112	0.00000222	0.00018	0.000626	0.00165	0.000125
2060 Mar	0.000294	0.00105	0.124	0.00000923	1.81	3.09	0.0461	0.000361	10.2	0.00158	0.0467	0.000351	0.000203	0.0000979	0.112	0.00000222	0.00018	0.000627	0.00165	0.000125
2060 Apr	0.000295	0.00106	0.124	0.00000926	1.82	3.1	0.0462	0.000362	10.3	0.00159	0.0469	0.000352	0.000204	0.0000982	0.113	0.00000223	0.000181	0.000629	0.00166	0.000126
2060 May	0.000324	0.00107	0.133	0.0000093	1.85	3.23	0.0514	0.000351	10.1	0.00161	0.0446	0.0004	0.000207	0.000101	0.118	0.00000222	0.000175	0.000683	0.00167	0.000118
2060 Jun	0.000317	0.00102	0.126	0.00000852	1.84	3.2	0.0512	0.000328	10.5	0.00159	0.0473	0.0004	0.000211	0.000102	0.115	0.0000021	0.000185	0.000671	0.00159	0.000135
2060 Jul	0.000323	0.00106	0.128	0.00000888	1.91	3.3	0.052	0.000342	11	0.00165	0.0503	0.000404	0.000222	0.000106	0.119	0.0000022	0.000196	0.000687	0.00167	0.000145
2060 Aug	0.000322	0.00108	0.13	0.00000911	1.93	3.31	0.0517	0.000352	11	0.00167	0.05	0.0004	0.00022	0.000106	0.12	0.00000225	0.000196	0.000682	0.00168	0.000143
2060 Sep	0.000298	0.00103	0.123	0.00000902	1.82	3.1	0.0472	0.000357	10.2	0.00158	0.0456	0.00036	0.000199	0.0000996	0.113	0.00000218	0.000181	0.000619	0.0016	0.000128
2060 Oct	0.00029	0.00103	0.121	0.00000898	1.79	3.05	0.0456	0.000364	10	0.00155	0.0447	0.000346	0.000193	0.0000974	0.111	0.00000217	0.000179	0.000601	0.00158	0.000125
2060 Nov	0.000285	0.00102	0.119	0.0000089	1.79	3.03	0.0446	0.000368	10.1	0.00155	0.0452	0.000337	0.000191	0.0000968	0.11	0.00000216	0.000181	0.000589	0.00156	0.000128
2060 Dec	0.000285	0.00102	0.119	0.00000891	1.79	3.03	0.0446	0.000368	10.1	0.00155	0.0452	0.000337	0.000191	0.0000968	0.11	0.00000216	0.000181	0.000589	0.00156	0.000128
2061 Jan	0.000285	0.00102	0.119	0.00000891	1.79	3.03	0.0447	0.000368	10.1	0.00155	0.0452	0.000337	0.000191	0.0000968	0.11	0.00000216	0.000181	0.000589	0.00156	0.000128
2061 Feb	0.000285	0.00102	0.119	0.00000891	1.79	3.03	0.0447	0.000368	10.1	0.00155	0.0452	0.000337	0.000191	0.0000968	0.11	0.00000216	0.000181	0.000589	0.00156	0.000128
2061 Mar	0.000285	0.00102	0.119	0.00000891	1.79	3.03	0.0447	0.000368	10.1	0.00155	0.0452	0.000337	0.000191	0.0000968	0.11	0.00000216	0.000181	0.000589	0.00156	0.000128
2061 Apr	0.000286	0.00103	0.119	0.00000894	1.79	3.04	0.0448	0.000369	10.1	0.00155	0.0453	0.000338	0.000192	0.0000971	0.11	0.00000216	0.000182	0.000591	0.00157	0.000129
2061 May	0.00031	0.00104	0.125	0.00000889	1.84	3.18	0.0492	0.000361	10.3	0.00159	0.0455	0.000378	0.000198	0.000101	0.116	0.00000216	0.000184	0.000637	0.00158	0.00013
2061 Jun	0.000293	0.000985	0.115	0.00000797	1.82	3.1	0.0474	0.000336	10.9	0.00155	0.0504	0.000363	0.000206	0.000101	0.111	0.00000205	0.000198	0.000614	0.0015	0.000153
2061 Jul	0.000297	0.00102	0.117	0.00000834	1.88	3.18	0.0479	0.000348	11.3	0.00161	0.0527	0.000365	0.000215	0.000104	0.113	0.00000215	0.000206	0.000627	0.00157	0.00016
2061 Aug	0.000307	0.00106	0.122	0.00000869	1.95	3.29	0.0494	0.000362	11.7	0.00167	0.0543	0.000377	0.000222	0.000108	0.117	0.00000223	0.000213	0.000646	0.00163	0.000164
2061 Sep	0.000306	0.00107	0.122	0.0000088	1.95	3.29	0.0491	0.000368	11.6	0.00167	0.054	0.000374	0.00022	0.000108	0.118	0.00000225	0.000212	0.000642	0.00163	0.000163

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Oct	0.00029	0.00104	0.118	0.00000867	1.86	3.13	0.0458	0.000372	11	0.0016	0.0504	0.000345	0.000204	0.000101	0.113	0.00000219	0.000201	0.000603	0.00157	0.00015
2061 Nov	0.000285	0.00103	0.117	0.00000865	1.84	3.09	0.0448	0.000374	10.8	0.00158	0.0493	0.000336	0.000199	0.0000995	0.111	0.00000217	0.000197	0.000591	0.00155	0.000146
2061 Dec	0.000285	0.00103	0.117	0.00000865	1.84	3.09	0.0448	0.000375	10.8	0.00158	0.0493	0.000337	0.000199	0.0000995	0.111	0.00000217	0.000197	0.000591	0.00155	0.000146
2062 Jan	0.000285	0.00103	0.117	0.00000865	1.84	3.09	0.0448	0.000375	10.8	0.00158	0.0493	0.000337	0.000199	0.0000995	0.111	0.00000217	0.000197	0.000591	0.00155	0.000146
2062 Feb	0.000285	0.00103	0.117	0.00000865	1.84	3.09	0.0448	0.000375	10.8	0.00158	0.0493	0.000337	0.000199	0.0000996	0.111	0.00000217	0.000197	0.000591	0.00155	0.000146
2062 Mar	0.000285	0.00103	0.117	0.00000866	1.84	3.09	0.0448	0.000375	10.8	0.00158	0.0493	0.000337	0.000199	0.0000996	0.111	0.00000217	0.000197	0.000591	0.00155	0.000146
2062 Apr	0.000286	0.00104	0.117	0.00000869	1.85	3.1	0.045	0.000376	10.8	0.00158	0.0495	0.000338	0.0002	0.0001	0.112	0.00000218	0.000198	0.000593	0.00156	0.000147
2062 May	0.000289	0.00104	0.118	0.00000877	1.86	3.13	0.0454	0.00038	10.9	0.0016	0.05	0.000341	0.000202	0.000101	0.113	0.0000022	0.0002	0.000599	0.00157	0.000148
2062 Jun	0.000245	0.000948	0.105	0.00000842	1.71	2.79	0.0386	0.000338	10.1	0.00149	0.0475	0.000284	0.000206	0.0000922	0.0996	0.00000212	0.00019	0.00055	0.00158	0.000143
2062 Jul	0.000224	0.000918	0.098	0.00000827	1.68	2.67	0.0352	0.000328	10.2	0.00147	0.049	0.000254	0.000211	0.0000903	0.0947	0.00000212	0.000195	0.00052	0.00159	0.000151
2062 Aug	0.000219	0.000921	0.098	0.00000845	1.66	2.63	0.0342	0.000333	9.91	0.00146	0.0473	0.000245	0.000203	0.000089	0.0939	0.00000213	0.000189	0.000501	0.00158	0.000144
2062 Sep	0.000213	0.000918	0.0961	0.00000839	1.64	2.59	0.0329	0.000345	9.81	0.00144	0.0466	0.000233	0.000195	0.0000874	0.0928	0.00000211	0.000188	0.000479	0.00154	0.000142
2062 Oct	0.000203	0.00091	0.0902	0.00000792	1.64	2.57	0.0307	0.000372	10.1	0.00141	0.0485	0.00021	0.000181	0.000086	0.091	0.00000205	0.000197	0.000438	0.00142	0.000152
2062 Nov	0.000202	0.000912	0.0902	0.00000793	1.64	2.57	0.0306	0.000375	10.1	0.00141	0.0486	0.000209	0.000181	0.0000861	0.0912	0.00000206	0.000198	0.000437	0.00142	0.000153
2062 Dec	0.000203	0.000913	0.0902	0.00000793	1.64	2.57	0.0306	0.000375	10.1	0.00141	0.0486	0.000209	0.000181	0.0000861	0.0912	0.00000206	0.000198	0.000437	0.00142	0.000153
2063 Jan	0.000203	0.000913	0.0902	0.00000793	1.64	2.57	0.0306	0.000375	10.1	0.00141	0.0486	0.000209	0.000181	0.0000861	0.0912	0.00000206	0.000198	0.000437	0.00142	0.000153
2063 Feb	0.000203	0.000913	0.0902	0.00000794	1.64	2.57	0.0306	0.000375	10.1	0.00141	0.0486	0.000209	0.000181	0.0000861	0.0912	0.00000206	0.000198	0.000437	0.00142	0.000153
2063 Mar	0.000203	0.000913	0.0903	0.00000794	1.64	2.57	0.0306	0.000375	10.1	0.00141	0.0487	0.000209	0.000181	0.0000861	0.0912	0.00000206	0.000198	0.000437	0.00142	0.000153
2063 Apr	0.000203	0.000915	0.0904	0.00000795	1.65	2.58	0.0307	0.000376	10.2	0.00141	0.0487	0.00021	0.000181	0.0000863	0.0914	0.00000206	0.000199	0.000438	0.00142	0.000153
2063 May	0.000221	0.000934	0.0959	0.00000804	1.68	2.68	0.0339	0.000373	10.2	0.00144	0.0483	0.000239	0.000185	0.000089	0.0955	0.00000208	0.000198	0.000472	0.00144	0.000152
2063 Jun	0.000234	0.000877	0.0943	0.00000722	1.66	2.67	0.0373	0.000326	10.2	0.00141	0.0483	0.000275	0.000195	0.0000904	0.0956	0.00000196	0.000195	0.000508	0.00139	0.000155
2063 Jul	0.000217	0.000865	0.0893	0.0000072	1.66	2.59	0.0345	0.000329	10.3	0.0014	0.05	0.000248	0.000199	0.0000895	0.0925	0.00000199	0.000201	0.000483	0.00141	0.000162
2063 Aug	0.000224	0.000898	0.0927	0.00000753	1.71	2.68	0.0355	0.000342	10.6	0.00145	0.0513	0.000255	0.000204	0.0000923	0.0956	0.00000207	0.000207	0.000495	0.00146	0.000166
2063 Sep	0.000221	0.000902	0.0928	0.00000767	1.7	2.66	0.0348	0.000349	10.5	0.00144	0.0502	0.000249	0.000199	0.0000915	0.0954	0.00000208	0.000203	0.000485	0.00146	0.000161
2063 Oct	0.000216	0.000896	0.0919	0.00000767	1.67	2.6	0.0336	0.000354	10.2	0.00141	0.0484	0.000238	0.000191	0.0000888	0.0937	0.00000205	0.000197	0.000471	0.00143	0.000154
2063 Nov	0.000215	0.000896	0.0919	0.00000768	1.66	2.6	0.0335	0.000355	10.1	0.00141	0.0482	0.000237	0.00019	0.0000886	0.0936	0.00000205	0.000197	0.000469	0.00143	0.000153
2063 Dec	0.000216	0.000897	0.092	0.00000769	1.66	2.6	0.0335	0.000355	10.1	0.00141	0.0483	0.000238	0.00019	0.0000886	0.0937	0.00000206	0.000197	0.00047	0.00143	0.000154
2064 Jan	0.000216	0.000897	0.092	0.00000769	1.66	2.6	0.0335	0.000355	10.1	0.00141	0.0483	0.000238	0.00019	0.0000887	0.0937	0.00000206	0.000197	0.00047	0.00143	0.000154
2064 Feb	0.000216	0.000897	0.092	0.00000769	1.66	2.6	0.0335	0.000355	10.1	0.00141	0.0483	0.000238	0.00019	0.0000887	0.0937	0.00000206	0.000197	0.00047	0.00143	0.000154
2064 Mar	0.000216	0.000898	0.0921	0.0000077	1.67	2.61	0.0336	0.000356	10.2	0.00141	0.0483	0.000238	0.000191	0.0000888	0.0938	0.00000206	0.000197	0.00047	0.00143	0.000154
2064 Apr	0.000216	0.0009	0.0923	0.00000771	1.67	2.61	0.0336	0.000356	10.2	0.00142	0.0484	0.000238	0.000191	0.0000889	0.094	0.00000206	0.000198	0.000471	0.00143	0.000154
2064 May	0.000241	0.000921	0.0993	0.00000776	1.71	2.74	0.038	0.000351	10.2	0.00145	0.0475	0.000278	0.000194	0.0000922	0.0992	0.00000206	0.000196	0.000516	0.00145	0.000151
2064 Jun	0.000259	0.000896	0.1	0.00000714	1.73	2.82	0.0419	0.000333	10.4	0.00144	0.0471	0.000316	0.000198	0.000095	0.102	0.00000197	0.0002	0.000547	0.00138	0.000158
2064 Jul	0.000258	0.000916	0.102	0.00000743	1.76	2.84	0.0417	0.000339	10.5	0.00147	0.0476	0.000314	0.000202	0.0000961	0.103	0.00000203	0.000202	0.00055	0.00143	0.000159
2064 Aug	0.000257	0.000927	0.103	0.00000765	1.76	2.84	0.0413	0.000342	10.4	0.00147	0.047	0.00031	0.0002	0.0000958	0.103	0.00000206	0.0002	0.000542	0.00144	0.000156
2064 Sep	0.000245	0.000915	0.101	0.00000771	1.7	2.74	0.0388	0.000351	9.93	0.00143	0.0444	0.000288	0.000187	0.0000921	0.0998	0.00000204	0.000191	0.000509	0.0014	0.000146
2064 Oct	0.000243	0.000918	0.1	0.00000774	1.7	2.73	0.0383	0.000358	9.93	0.00143	0.0444	0.000282	0.000185	0.0000917	0.0996	0.00000205	0.000192	0.000503	0.0014	0.000146
2064 Nov	0.000243	0.000921	0.1	0.00000777	1.71	2.74	0.0384	0.000359	9.96	0.00143	0.0445	0.000283	0.000186	0.000092	0.0999	0.00000205	0.000192	0.000505	0.0014	0.000146
2064 Dec	0.000243	0.000921	0.1	0.00000777	1.71	2.74	0.0384	0.000359	9.97	0.00143	0.0446	0.000283	0.000186	0.000092	0.0999	0.00000205	0.000193	0.000505	0.0014	0.000147
2065 Jan	0.000243	0.000921	0.1	0.00000777	1.71	2.74	0.0384	0.000359	9.97	0.00143	0.0446	0.000283	0.000186	0.000092	0.0999	0.00000205	0.000193	0.000505	0.0014	0.000147
2065 Feb	0.000244	0.000922	0.101	0.00000777	1.71	2.74	0.0384	0.000359	9.97	0.00143	0.0446	0.000283	0.000186	0.000092	0.0999	0.00000205	0.000193	0.000505	0.0014	0.000147
2065 Mar	0.000244	0.000923	0.101	0.00000778	1.71	2.75	0.0385	0.000359	9.98	0.00144	0.0446	0.000284	0.000186	0.0000921	0.1	0.00000206	0.000193	0.000506	0.0014	0.000147
2065 Apr	0.000245	0.000926	0.101	0.00000781	1.72	2.75	0.0386	0.00036	10	0.00144	0.0448	0.000285	0.000186	0.0000924	0.1	0.00000206	0.000193	0.000507	0.00141	0.000147
2065 May	0.000269	0.00095	0.109	0.00000796	1.75	2.88	0.0428	0.000355	10	0.00147	0.0436	0.000323	0.000191	0.0000955	0.106	0.00000207	0.00019	0.000554	0.00144	0.000142
2065 Jun	0.00026	0.000901	0.102	0.00000733	1.74	2.83	0.0422	0.00034	10.1	0.00144	0.0445	0.000318	0.000197	0.0000952	0.102	0.00000199	0.000199	0.000549	0.00139	0.000155
2065 Jul	0.000259	0.000928	0.103	0.00000758	1.8	2.89	0.0419	0.000357	10.7	0.0015	0.0474	0.000312	0.000207	0.0000983	0.104	0.00000209	0.000212	0.000552	0.00145	0.000168
2065 Aug	0.000266	0.00096	0.106	0.00000792	1.86	2.97	0.0429	0.000371	10.9	0.00154	0.0485	0.000319	0.000212	0.000101	0.107	0.00000216	0.000217	0.000564	0.0015	0.000171
2065 Sep	0.000253	0.000944	0.103	0.00000792	1.78	2.85	0.0401	0.000376	10.3	0.00149	0.0454	0.000295	0.000196	0.000096	0.104	0.00000212	0.000205	0.00053	0.00145	0.000158
2065 Oct	0.000226	0.000911	0.0952	0.00000764	1.69	2.67	0.035	0.000393	9.82	0.0014	0.043	0.000249	0.000175	0.0000888	0.0969	0.00000204	0.000199	0.000466	0.00134	0.000151
2065 Nov	0.000222	0.000909	0.0938	0.00000759	1.68	2.65	0.0342	0.000399	9.85	0.00139	0.0432	0.000241	0.000173	0.0000883	0.0962	0.00000203	0.000201	0.000455	0.00132	0.000153
2065 Dec	0.000222	0.000909	0.0938	0.00000759	1.68	2.65	0.0342	0.000399	9.86	0.00139	0.0432	0.000241	0.000173	0.0000883	0.0962	0.00000203	0.000201	0.000456	0.00132	0.000153
2066 Jan	0.000222	0.00091	0.0938	0.00000759	1.68	2.65	0.0342	0.000399	9.86	0.00139	0.0432	0.000241	0.000173	0.0000883	0.0962	0.00000203	0.000201	0.000456	0.00132	0.000153
2066 Feb	0.000222	0.00091	0.0939	0.0000076	1.68	2.66	0.0342	0.0004	9.86	0.00139	0.0432	0.000241	0.000173	0.0000884	0.0962	0.00000203	0.000201	0.000456	0.00133	0.000153
2066 Mar	0.000223	0.000912	0.094	0.00000761	1.69	2.66	0.0343	0.0004	9.88	0.0014	0.0433	0.000242	0.000173	0.0000885	0.0964	0.00000204	0.000202	0.000457	0.00133	0.000153
2066 Apr	0.000223	0.000914	0.0943	0.00000763	1.69	2.67	0.0344	0.000401	9.9	0.0014	0.0434	0.000242	0.000174	0.0000887	0.0966	0.00000204	0.000202	0.000458	0.00133	0.000154
2066 May	0.000228	0.000924	0.096	0.00000771	1.71	2.7	0.0352	0.000404	9.98	0.00142	0.0436	0.00025	0.000176	0.0000899	0.0981	0.00000206	0.000203	0.000468	0.00135	0.000154
2066 Jun	0.000215	0.000854	0.0893	0.00000722	1.66	2.58	0.0342	0.000361	9.79	0.00137	0.0432	0.000244	0.000191	0.0000885	0.0928	0.00000199	0.000204	0.000472	0.00136	0.000161
2066 Jul	0.000213	0.000879	0.0899	0.00000753	1.72	2.62	0.0338	0.000373	10.2	0.00143	0.0456	0.000238	0.000203	0.0000914	0.0943	0.0000021	0.000216	0.000477	0.00143	0.000172
2066 Aug	0.000219	0.000911	0.0933	0.00000787	1.77	2.7	0.0346	0.000386	10.5	0.00147	0.0467	0.000244	0.000207	0.0000941	0.0973	0.00000218	0.000221	0.000488	0.00148	0.000176
2066 Sep	0.000217	0.000916	0.0935	0.00000797	1.76	2.68	0.034	0.000393	10.3	0.00146	0.0457	0.000237	0.000202	0.0000929	0.0969	0.00000218	0.000218	0.000479	0.00148	0.000171
2066 Oct	0.00021	0.000909	0.0924	0.00000798	1.71	2.61	0.0324	0.000398	9.92	0.00142	0.0435	0.000224	0.000191	0.0000892	0.0947	0.00000215	0.000209	0.00046	0.00144	0.000161
2066 Nov	0.000209	0.000908	0.0923	0.00000799	1.7	2.6	0.0321	0.000399	9.84	0.00142	0.0431	0.000221	0.000189	0.0000886	0.0943	0.00000214	0.000207	0.000456	0.00144	0.000158
2066 Dec	0.000209	0.000909	0.0924	0.00000799	1.7	2.6	0.0321	0.0004	9.84	0.00142	0.0431	0.000222	0.000189	0.0000886	0.0944	0.00000214	0.000207	0.000457	0.00144	0.000159
2067 Jan	0.000209	0.000909	0.0924	0.00000799	1.7	2.6	0.0321	0.0004	9.85	0.00142	0.0432	0.000222	0.000189	0.0000886	0.0944	0.00000214	0.000207	0.000457	0.00144	0.000159
2067 Feb	0.000209	0.000909	0.0924	0.000008	1.7	2.6	0.0321	0.0004	9.85	0.00142	0.0432	0.000222	0.000189	0.0000886	0.0944	0.00000214	0.000207	0.000457	0.00144	0.000159
2067 Mar	0.000209	0.00091	0.0925	0.000008	1.7	2.6	0.0322	0.0004	9.86	0.00142	0.0432	0.000222	0.000189	0.0000887	0.0945	0.00000214	0.000207	0.000457	0.00144	0.000159
2067 Apr	0.00021	0.000912	0.0927	0.00000802	1.7	2.61	0.0322	0.000401	9.88	0.00142	0.0433	0.000222	0.00019	0.0000889	0.0947	0.00000215	0.000208	0.000458	0.00144	0.000159

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 May	0.000234	0.000938	0.101	0.0000082	1.74	2.74	0.0364	0.000395	9.87	0.00146	0.0422	0.000261	0.000194	0.0000919	0.0999	0.00000216	0.000203	0.000505	0.00148	0.000153
2067 Jun	0.00026	0.000924	0.106	0.00000787	1.75	2.84	0.0418	0.000366	9.72	0.00146	0.0401	0.000312	0.000199	0.0000945	0.104	0.00000208	0.000198	0.000558	0.00145	0.000149
2067 Jul	0.000265	0.00096	0.109	0.00000825	1.82	2.93	0.0425	0.00038	10.1	0.00151	0.0418	0.000317	0.000208	0.0000979	0.107	0.00000218	0.000207	0.000574	0.00153	0.000156
2067 Aug	0.000265	0.000978	0.111	0.00000852	1.82	2.93	0.0422	0.000384	10.1	0.00153	0.0415	0.000315	0.000207	0.0000981	0.107	0.00000222	0.000206	0.000568	0.00155	0.000154
2067 Sep	0.000262	0.000981	0.111	0.00000863	1.81	2.91	0.0415	0.000391	9.95	0.00152	0.0407	0.000308	0.000202	0.0000971	0.107	0.00000223	0.000203	0.000557	0.00154	0.00015
2067 Oct	0.00025	0.000963	0.108	0.00000855	1.74	2.8	0.0389	0.000395	9.45	0.00146	0.0383	0.000286	0.000188	0.0000921	0.103	0.00000218	0.000192	0.000527	0.00149	0.000139
2067 Nov	0.000247	0.000962	0.107	0.00000856	1.73	2.77	0.0383	0.000397	9.34	0.00145	0.0378	0.00028	0.000185	0.000091	0.102	0.00000217	0.00019	0.00052	0.00148	0.000136
2067 Dec	0.000247	0.000963	0.107	0.00000856	1.73	2.78	0.0383	0.000397	9.34	0.00145	0.0378	0.00028	0.000185	0.000091	0.102	0.00000217	0.00019	0.00052	0.00148	0.000136
2068 Jan	0.000247	0.000963	0.107	0.00000856	1.73	2.78	0.0383	0.000398	9.34	0.00145	0.0378	0.000281	0.000185	0.0000911	0.102	0.00000217	0.00019	0.00052	0.00148	0.000136
2068 Feb	0.000247	0.000963	0.108	0.00000857	1.73	2.78	0.0383	0.000398	9.35	0.00145	0.0378	0.000281	0.000185	0.0000911	0.102	0.00000217	0.00019	0.00052	0.00148	0.000136
2068 Mar	0.000248	0.000964	0.108	0.00000858	1.73	2.78	0.0384	0.000398	9.36	0.00146	0.0379	0.000281	0.000185	0.0000912	0.103	0.00000218	0.000191	0.000521	0.00149	0.000136
2068 Apr	0.000249	0.000971	0.108	0.00000863	1.74	2.8	0.0386	0.000401	9.42	0.00147	0.0381	0.000283	0.000186	0.0000918	0.103	0.00000219	0.000192	0.000524	0.0015	0.000137
2068 May	0.000268	0.000988	0.114	0.00000868	1.78	2.91	0.0421	0.000397	9.53	0.0015	0.0378	0.000314	0.000191	0.0000948	0.108	0.0000022	0.000192	0.000561	0.00151	0.000136
2068 Jun	0.000251	0.000895	0.0997	0.00000737	1.77	2.83	0.0407	0.000377	10	0.00145	0.0411	0.000301	0.0002	0.0000958	0.102	0.00000205	0.000214	0.000534	0.00138	0.000169
2068 Jul	0.000244	0.000906	0.0996	0.00000766	1.78	2.81	0.0395	0.00038	10.1	0.00146	0.0415	0.00029	0.000205	0.000096	0.101	0.00000211	0.000217	0.000528	0.00143	0.000171
2068 Aug	0.000253	0.000946	0.104	0.00000805	1.85	2.92	0.0408	0.000397	10.4	0.00152	0.0429	0.0003	0.000211	0.0000996	0.105	0.0000022	0.000224	0.000545	0.00149	0.000176
2068 Sep	0.000249	0.000947	0.103	0.00000814	1.82	2.88	0.0396	0.000404	10.2	0.0015	0.0417	0.000289	0.000204	0.0000976	0.104	0.0000022	0.000219	0.000531	0.00148	0.000169
2068 Oct	0.000246	0.00095	0.104	0.0000082	1.81	2.86	0.0391	0.000409	10.1	0.0015	0.0411	0.000284	0.000201	0.0000966	0.104	0.0000022	0.000216	0.000525	0.00148	0.000166
2068 Nov	0.000247	0.000953	0.104	0.00000822	1.82	2.87	0.0391	0.00041	10.1	0.0015	0.0412	0.000284	0.000201	0.0000968	0.104	0.00000221	0.000217	0.000526	0.00148	0.000166
2068 Dec	0.000247	0.000953	0.104	0.00000823	1.82	2.87	0.0392	0.00041	10.1	0.0015	0.0412	0.000284	0.000201	0.0000968	0.104	0.00000221	0.000217	0.000526	0.00148	0.000166
2069 Jan	0.000247	0.000954	0.104	0.00000823	1.82	2.87	0.0392	0.00041	10.1	0.0015	0.0413	0.000284	0.000201	0.0000968	0.104	0.00000221	0.000217	0.000526	0.00148	0.000166
2069 Feb	0.000247	0.000954	0.104	0.00000823	1.82	2.87	0.0392	0.00041	10.1	0.0015	0.0413	0.000284	0.000201	0.0000968	0.104	0.00000221	0.000217	0.000527	0.00148	0.000166
2069 Mar	0.000247	0.000954	0.104	0.00000823	1.82	2.87	0.0392	0.00041	10.1	0.0015	0.0413	0.000284	0.000201	0.0000969	0.104	0.00000221	0.000217	0.000527	0.00148	0.000166
2069 Apr	0.000248	0.000955	0.104	0.00000824	1.82	2.87	0.0392	0.000411	10.2	0.0015	0.0413	0.000285	0.000202	0.000097	0.104	0.00000221	0.000217	0.000527	0.00148	0.000167
2069 May	0.000253	0.000971	0.106	0.00000838	1.85	2.92	0.0402	0.000416	10.3	0.00153	0.0418	0.000292	0.000205	0.0000986	0.106	0.00000225	0.00022	0.000539	0.00151	0.000168
2069 Jun	0.000236	0.000901	0.101	0.00000815	1.73	2.71	0.0379	0.00037	9.41	0.00145	0.0379	0.000277	0.000208	0.0000923	0.0988	0.00000215	0.000202	0.000535	0.00152	0.000154
2069 Jul	0.000232	0.000913	0.1	0.00000832	1.77	2.73	0.0371	0.000381	9.73	0.00148	0.0397	0.000267	0.000216	0.0000942	0.0993	0.00000222	0.000213	0.000533	0.00157	0.000164
2069 Aug	0.000234	0.000934	0.102	0.00000859	1.79	2.77	0.0373	0.00039	9.81	0.0015	0.0398	0.000268	0.000216	0.0000953	0.101	0.00000227	0.000214	0.000534	0.0016	0.000164
2069 Sep	0.000223	0.000919	0.0991	0.00000846	1.74	2.68	0.0351	0.000398	9.47	0.00146	0.0382	0.000248	0.000202	0.0000915	0.0978	0.00000222	0.000207	0.000501	0.00153	0.000156
2069 Oct	0.000207	0.000901	0.0925	0.00000807	1.7	2.6	0.0318	0.000423	9.41	0.0014	0.038	0.000217	0.000185	0.000088	0.0942	0.00000215	0.00021	0.00045	0.00142	0.00016
2069 Nov	0.000205	0.000902	0.0918	0.00000805	1.7	2.59	0.0313	0.000429	9.43	0.0014	0.0381	0.000212	0.000183	0.0000877	0.094	0.00000215	0.000211	0.000442	0.0014	0.000161
2069 Dec	0.000205	0.000902	0.0919	0.00000805	1.7	2.59	0.0313	0.000429	9.43	0.0014	0.0381	0.000212	0.000183	0.0000877	0.094	0.00000215	0.000211	0.000443	0.0014	0.000161
2070 Jan	0.000205	0.000902	0.0919	0.00000805	1.7	2.59	0.0313	0.000429	9.43	0.0014	0.0381	0.000212	0.000183	0.0000877	0.094	0.00000215	0.000211	0.000443	0.0014	0.000161
2070 Feb	0.000205	0.000902	0.0919	0.00000805	1.7	2.59	0.0313	0.000429	9.43	0.0014	0.0381	0.000212	0.000183	0.0000877	0.094	0.00000215	0.000211	0.000443	0.0014	0.000161
2070 Mar	0.000205	0.000903	0.0919	0.00000806	1.7	2.59	0.0313	0.00043	9.44	0.0014	0.0381	0.000212	0.000183	0.0000877	0.094	0.00000215	0.000212	0.000443	0.0014	0.000161
2070 Apr	0.000205	0.000906	0.0922	0.00000809	1.7	2.6	0.0314	0.000431	9.47	0.00141	0.0382	0.000213	0.000184	0.000088	0.0944	0.00000216	0.000212	0.000444	0.00141	0.000162
2070 May	0.000226	0.000928	0.0983	0.00000818	1.75	2.72	0.035	0.000428	9.6	0.00144	0.0381	0.000246	0.000188	0.0000913	0.0991	0.00000217	0.000212	0.000483	0.00143	0.000161
2070 Jun	0.00026	0.00093	0.105	0.00000784	1.81	2.91	0.0418	0.000406	9.89	0.00148	0.0384	0.000309	0.000201	0.0000975	0.106	0.00000214	0.000216	0.00055	0.00143	0.000167
2070 Jul	0.000263	0.000956	0.108	0.00000819	1.86	2.96	0.0424	0.000414	10.1	0.00152	0.0392	0.000312	0.000208	0.0000996	0.108	0.00000222	0.00022	0.000564	0.00149	0.000169
2070 Aug	0.000268	0.000983	0.111	0.00000849	1.89	3.02	0.0429	0.000424	10.2	0.00155	0.0397	0.000317	0.000211	0.000101	0.11	0.00000228	0.000223	0.00057	0.00153	0.000171
2070 Sep	0.000254	0.000967	0.108	0.00000844	1.82	2.89	0.0401	0.000428	9.72	0.00149	0.0373	0.000292	0.000195	0.0000962	0.106	0.00000223	0.000211	0.000536	0.00148	0.000158
2070 Oct	0.000238	0.000948	0.102	0.00000823	1.77	2.8	0.037	0.000441	9.58	0.00145	0.037	0.000263	0.000184	0.0000927	0.102	0.00000219	0.000211	0.000496	0.00141	0.000158
2070 Nov	0.000236	0.000947	0.101	0.0000082	1.78	2.8	0.0367	0.000444	9.63	0.00145	0.0372	0.00026	0.000184	0.0000928	0.102	0.00000219	0.000213	0.000491	0.00141	0.000161
2070 Dec	0.000236	0.000947	0.101	0.0000082	1.78	2.8	0.0367	0.000444	9.63	0.00145	0.0372	0.00026	0.000184	0.0000928	0.102	0.00000219	0.000213	0.000491	0.00141	0.000161
2071 Jan	0.000236	0.000948	0.102	0.0000082	1.78	2.8	0.0367	0.000444	9.63	0.00145	0.0372	0.00026	0.000184	0.0000928	0.102	0.00000219	0.000213	0.000491	0.00141	0.000161
2071 Feb	0.000236	0.000948	0.102	0.0000082	1.78	2.8	0.0367	0.000444	9.63	0.00145	0.0372	0.00026	0.000184	0.0000928	0.102	0.00000219	0.000213	0.000491	0.00141	0.000161
2071 Mar	0.000236	0.000948	0.102	0.0000082	1.78	2.8	0.0367	0.000444	9.63	0.00145	0.0372	0.00026	0.000184	0.0000928	0.102	0.00000219	0.000213	0.000491	0.00141	0.000161
2071 Apr	0.000237	0.000949	0.102	0.00000822	1.78	2.8	0.0367	0.000445	9.64	0.00145	0.0373	0.00026	0.000184	0.000093	0.102	0.00000219	0.000214	0.000492	0.00141	0.000161
2071 May	0.000257	0.000963	0.107	0.00000823	1.82	2.91	0.0405	0.000437	9.72	0.00148	0.0369	0.000295	0.000189	0.0000959	0.107	0.00000219	0.000212	0.000531	0.00142	0.000159
2071 Jun	0.000262	0.000921	0.104	0.00000764	1.83	2.93	0.0425	0.000414	9.93	0.00147	0.0379	0.000315	0.000201	0.0000987	0.107	0.00000214	0.00022	0.000552	0.0014	0.000173
2071 Jul	0.000254	0.000927	0.103	0.0000078	1.86	2.92	0.0412	0.000422	10.1	0.00149	0.0392	0.000301	0.000208	0.0000996	0.106	0.0000022	0.000228	0.000545	0.00144	0.00018
2071 Aug	0.00026	0.000955	0.106	0.0000081	1.9	2.99	0.0421	0.000436	10.4	0.00154	0.04	0.000307	0.000212	0.000102	0.109	0.00000227	0.000232	0.000556	0.00148	0.000183
2071 Sep	0.00025	0.000943	0.104	0.00000814	1.84	2.89	0.0399	0.000437	9.91	0.00149	0.038	0.000288	0.0002	0.0000982	0.106	0.00000223	0.000221	0.000527	0.00145	0.000171
2071 Oct	0.000243	0.000935	0.102	0.00000811	1.8	2.83	0.0384	0.000438	9.64	0.00146	0.0368	0.000276	0.000192	0.0000953	0.104	0.0000022	0.000215	0.00051	0.00142	0.000164
2071 Nov	0.00024	0.000934	0.101	0.00000812	1.79	2.8	0.0377	0.000443	9.57	0.00145	0.0365	0.000268	0.000188	0.0000943	0.103	0.0000022	0.000214	0.000501	0.00141	0.000163
2071 Dec	0.00024	0.000935	0.101	0.00000812	1.79	2.8	0.0376	0.000443	9.57	0.00145	0.0365	0.000268	0.000188	0.0000943	0.103	0.0000022	0.000214	0.0005	0.00141	0.000163
2072 Jan	0.00024	0.000935	0.101	0.00000812	1.79	2.8	0.0376	0.000443	9.58	0.00145	0.0365	0.000268	0.000188	0.0000943	0.103	0.0000022	0.000214	0.000501	0.00141	0.000163
2072 Feb	0.00024	0.000935	0.101	0.00000812	1.79	2.8	0.0376	0.000443	9.58	0.00145	0.0365	0.000268	0.000188	0.0000943	0.103	0.0000022	0.000214	0.000501	0.00141	0.000163
2072 Mar	0.00024	0.000935	0.101	0.00000812	1.79	2.8	0.0377	0.000443	9.58	0.00145	0.0365	0.000268	0.000188	0.0000943	0.103	0.0000022	0.000214	0.000501	0.00141	0.000163
2072 Apr	0.00024	0.000937	0.102	0.00000814	1.8	2.81	0.0377	0.000444	9.6	0.00146	0.0366	0.000269	0.000189	0.0000945	0.103	0.00000221	0.000215	0.000502	0.00141	0.000163
2072 May	0.000244	0.00095	0.103	0.00000825	1.82	2.85	0.0383	0.00045	9.73	0.00148	0.0371	0.000273	0.000191	0.0000958	0.105	0.00000224	0.000218	0.000509	0.00143	0.000166
2072 Jun	0.000217	0.000888	0.0953	0.00000813	1.73	2.63	0.0343	0.000415	9.22	0.00142	0.0357	0.00024	0.0002	0.0000907	0.0965	0.0000022	0.000211	0.00049	0.00148	0.000163
2072 Jul	0.00021	0.000888	0.0946	0.00000828	1.72	2.6	0.0331	0.000411	9.16	0.00142	0.0356	0.000231	0.000203	0.0000902	0.0951	0.00000223	0.000211	0.000481	0.00151	0.000163
2072 Aug	0.000201	0.000883	0.0912	0.00000825	1.72	2.56	0.0314	0.000429	9.18	0.00141	0.0354	0.000213	0.000192	0.0000898	0.0941	0.00000223	0.000213	0.000443	0.00145	0.000165
2072 Sep	0.000193	0.000877	0.0878	0.00000813	1.71	2.53	0.0298	0.000446	9.18	0.00139	0.0353	0.000197	0.000182	0.0000889	0.0929	0.00000222	0.000215	0.000413	0.0014	0.000167
2072 Oct	0.000185	0.00087	0.0839	0.00000781	1.71	2.52	0.0283	0.000468	9.35	0.00137	0.0362	0.000181	0.000176	0.0000881	0.0918	0.00000219	0.000224	0.000388	0.00132	0.000176
2072 Nov	0.000185	0.000871	0.0835	0.00000778	1.71	2.52	0.0281	0.000472	9.39	0.00137	0.0364	0.000179	0.000175	0.0000882	0.0918	0.00000219	0.000225	0.000385	0.00131	0.000178

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2072 Dec	0.000185	0.000871	0.0835	0.00000778	1.71	2.52	0.0281	0.000473	9.39	0.00137	0.0364	0.000179	0.000175	0.0000882	0.0918	0.00000219	0.000225	0.000385	0.00131	0.000178
2073 Jan	0.000185	0.000871	0.0835	0.00000778	1.71	2.52	0.0281	0.000473	9.39	0.00137	0.0364	0.000179	0.000175	0.0000882	0.0918	0.00000219	0.000225	0.000385	0.00131	0.000178
2073 Feb	0.000185	0.000871	0.0835	0.00000778	1.71	2.52	0.0281	0.000473	9.4	0.00137	0.0364	0.000179	0.000175	0.0000882	0.0918	0.00000219	0.000225	0.000385	0.00131	0.000178
2073 Mar	0.000185	0.000872	0.0835	0.00000778	1.72	2.52	0.0282	0.000473	9.4	0.00137	0.0364	0.000179	0.000175	0.0000882	0.0919	0.00000219	0.000225	0.000385	0.00131	0.000178
2073 Apr	0.000186	0.000877	0.084	0.00000783	1.73	2.53	0.0283	0.000476	9.45	0.00138	0.0367	0.00018	0.000176	0.0000887	0.0924	0.0000022	0.000227	0.000387	0.00132	0.000179
2073 May	0.000218	0.000905	0.0932	0.0000079	1.78	2.71	0.0341	0.000465	9.59	0.00143	0.0362	0.000233	0.000183	0.0000933	0.0993	0.00000221	0.000225	0.000449	0.00135	0.000176
2073 Jun	0.000251	0.000904	0.1	0.00000761	1.84	2.87	0.0406	0.00044	9.75	0.00146	0.0361	0.000295	0.000198	0.0000987	0.105	0.00000218	0.000226	0.000523	0.00137	0.000179
2073 Jul	0.000246	0.000917	0.0998	0.00000776	1.87	2.89	0.0399	0.000453	10	0.00148	0.0374	0.000287	0.000203	0.0001	0.106	0.00000225	0.000234	0.000516	0.0014	0.000188
2073 Aug	0.00025	0.000942	0.102	0.00000804	1.9	2.93	0.0403	0.000461	10.1	0.00151	0.0378	0.00029	0.000205	0.000102	0.108	0.0000023	0.000236	0.00052	0.00143	0.000188
2073 Sep	0.000243	0.000936	0.101	0.00000808	1.86	2.87	0.0388	0.000462	9.83	0.00148	0.0364	0.000277	0.000196	0.0000989	0.106	0.00000228	0.000228	0.000502	0.00141	0.000179
2073 Oct	0.00023	0.000921	0.0977	0.00000798	1.8	2.77	0.0362	0.000468	9.5	0.00144	0.0351	0.000254	0.000184	0.0000946	0.102	0.00000223	0.000222	0.000471	0.00136	0.000173
2073 Nov	0.000226	0.000917	0.0962	0.00000792	1.8	2.75	0.0355	0.000473	9.54	0.00143	0.0353	0.000247	0.000183	0.0000943	0.102	0.00000223	0.000224	0.000462	0.00135	0.000175
2073 Dec	0.000226	0.000918	0.0963	0.00000792	1.8	2.75	0.0355	0.000473	9.54	0.00143	0.0354	0.000247	0.000183	0.0000943	0.102	0.00000223	0.000224	0.000462	0.00135	0.000175
2074 Jan	0.000227	0.000918	0.0963	0.00000792	1.8	2.75	0.0355	0.000473	9.54	0.00143	0.0354	0.000247	0.000183	0.0000944	0.102	0.00000223	0.000224	0.000462	0.00135	0.000175
2074 Feb	0.000227	0.000918	0.0963	0.00000792	1.8	2.75	0.0355	0.000473	9.54	0.00143	0.0354	0.000247	0.000183	0.0000944	0.102	0.00000223	0.000224	0.000462	0.00135	0.000175
2074 Mar	0.000227	0.000918	0.0963	0.00000793	1.8	2.76	0.0355	0.000473	9.55	0.00143	0.0354	0.000247	0.000183	0.0000944	0.102	0.00000223	0.000225	0.000462	0.00135	0.000175
2074 Apr	0.000228	0.000923	0.0968	0.00000796	1.81	2.77	0.0357	0.000476	9.59	0.00144	0.0356	0.000248	0.000184	0.0000949	0.102	0.00000224	0.000226	0.000465	0.00135	0.000176
2074 May	0.000259	0.000947	0.105	0.00000798	1.88	2.95	0.0415	0.000466	9.77	0.00149	0.0353	0.000301	0.000192	0.0000999	0.109	0.00000225	0.000226	0.000526	0.00138	0.000176
2074 Jun	0.000266	0.000908	0.103	0.00000733	1.9	2.98	0.0438	0.000455	10	0.00148	0.0361	0.000322	0.000202	0.000103	0.11	0.0000022	0.000237	0.000546	0.00133	0.000192
2074 Jul	0.000268	0.000936	0.105	0.00000764	1.96	3.05	0.0441	0.000472	10.4	0.00153	0.0376	0.000322	0.000211	0.000106	0.112	0.00000229	0.000246	0.000555	0.00139	0.000201
2074 Aug	0.000278	0.000976	0.109	0.000008	2.04	3.17	0.0457	0.000492	10.7	0.00159	0.0389	0.000334	0.000219	0.00011	0.117	0.00000239	0.000255	0.000575	0.00145	0.000208
2074 Sep	0.000266	0.000962	0.106	0.00000803	1.96	3.05	0.043	0.000489	10.2	0.00154	0.0368	0.000311	0.000205	0.000105	0.113	0.00000234	0.000242	0.000544	0.00142	0.000193
2074 Oct	0.000257	0.000955	0.105	0.00000805	1.91	2.96	0.0411	0.000489	9.87	0.0015	0.0353	0.000295	0.000194	0.000101	0.11	0.00000231	0.000233	0.000523	0.00139	0.000182
2074 Nov	0.000257	0.000955	0.105	0.00000807	1.91	2.96	0.041	0.00049	9.85	0.0015	0.0353	0.000294	0.000194	0.000101	0.11	0.00000231	0.000232	0.000522	0.00139	0.000182
2074 Dec	0.000257	0.000956	0.105	0.00000807	1.91	2.96	0.041	0.00049	9.86	0.0015	0.0353	0.000294	0.000194	0.000101	0.11	0.00000231	0.000232	0.000522	0.00139	0.000182
2075 Jan	0.000257	0.000956	0.105	0.00000807	1.91	2.96	0.041	0.00049	9.86	0.0015	0.0353	0.000294	0.000194	0.000101	0.11	0.00000231	0.000232	0.000522	0.00139	0.000182
2075 Feb	0.000257	0.000956	0.105	0.00000807	1.91	2.96	0.041	0.00049	9.86	0.0015	0.0353	0.000294	0.000194	0.000101	0.11	0.00000231	0.000232	0.000522	0.00139	0.000182
2075 Mar	0.000257	0.000957	0.105	0.00000808	1.91	2.97	0.041	0.000491	9.87	0.0015	0.0353	0.000294	0.000194	0.000101	0.11	0.00000231	0.000233	0.000522	0.00139	0.000182
2075 Apr	0.000258	0.000961	0.106	0.00000811	1.92	2.98	0.0412	0.000493	9.91	0.00151	0.0355	0.000296	0.000195	0.000101	0.111	0.00000232	0.000234	0.000525	0.0014	0.000183
2075 May	0.000269	0.000977	0.109	0.00000824	1.94	3.05	0.0431	0.000492	9.96	0.00153	0.0353	0.000313	0.000198	0.000103	0.113	0.00000234	0.000233	0.000547	0.00142	0.000181
2075 Jun	0.000219	0.00087	0.0931	0.0000078	1.79	2.68	0.0353	0.000452	9.28	0.00142	0.0339	0.000245	0.000204	0.0000946	0.0989	0.00000226	0.000228	0.000487	0.00143	0.000183
2075 Jul	0.000203	0.000854	0.0881	0.00000776	1.8	2.62	0.0329	0.000459	9.43	0.00142	0.035	0.000222	0.000211	0.0000947	0.0962	0.0000023	0.000239	0.000466	0.00144	0.000196
2075 Aug	0.000205	0.000872	0.0899	0.00000799	1.82	2.65	0.033	0.000466	9.49	0.00144	0.0351	0.000223	0.000212	0.0000956	0.0975	0.00000234	0.000239	0.000466	0.00147	0.000195
2075 Sep	0.000205	0.000881	0.0907	0.00000811	1.83	2.66	0.0329	0.000472	9.49	0.00145	0.0351	0.000222	0.00021	0.0000957	0.098	0.00000236	0.000239	0.000465	0.00148	0.000194
2075 Oct	0.000202	0.000881	0.0905	0.00000813	1.8	2.62	0.0321	0.000473	9.31	0.00143	0.0342	0.000215	0.000204	0.0000938	0.0969	0.00000234	0.000234	0.000456	0.00146	0.000187
2075 Nov	0.000202	0.000883	0.0907	0.00000816	1.8	2.62	0.032	0.000474	9.3	0.00143	0.0342	0.000214	0.000204	0.0000936	0.097	0.00000235	0.000233	0.000455	0.00146	0.000187
2075 Dec	0.000202	0.000883	0.0907	0.00000816	1.8	2.62	0.032	0.000475	9.3	0.00143	0.0342	0.000214	0.000204	0.0000937	0.097	0.00000235	0.000233	0.000455	0.00146	0.000187
2076 Jan	0.000202	0.000883	0.0907	0.00000816	1.8	2.62	0.0321	0.000475	9.3	0.00143	0.0342	0.000214	0.000204	0.0000937	0.0971	0.00000235	0.000233	0.000455	0.00146	0.000187
2076 Feb	0.000202	0.000884	0.0907	0.00000816	1.8	2.62	0.0321	0.000475	9.3	0.00143	0.0342	0.000214	0.000204	0.0000937	0.0971	0.00000235	0.000233	0.000455	0.00146	0.000187
2076 Mar	0.000203	0.000885	0.0908	0.00000817	1.8	2.63	0.0321	0.000475	9.31	0.00143	0.0342	0.000215	0.000204	0.0000938	0.0972	0.00000235	0.000234	0.000456	0.00146	0.000187
2076 Apr	0.000203	0.000887	0.091	0.00000819	1.81	2.63	0.0322	0.000476	9.33	0.00144	0.0343	0.000215	0.000204	0.000094	0.0974	0.00000235	0.000234	0.000457	0.00147	0.000187
2076 May	0.000227	0.000912	0.0987	0.00000834	1.84	2.76	0.0363	0.000467	9.34	0.00147	0.0335	0.000254	0.000208	0.0000967	0.102	0.00000236	0.000229	0.000503	0.0015	0.00018
2076 Jun	0.000255	0.000896	0.103	0.00000777	1.87	2.89	0.042	0.00045	9.45	0.00147	0.0328	0.000307	0.000211	0.000101	0.107	0.00000227	0.000231	0.000551	0.00143	0.000186
2076 Jul	0.000248	0.000906	0.101	0.00000787	1.92	2.91	0.0408	0.000471	9.8	0.0015	0.0344	0.000293	0.000218	0.000103	0.107	0.00000234	0.000244	0.00054	0.00145	0.0002
2076 Aug	0.000254	0.000937	0.104	0.0000082	1.97	2.99	0.0418	0.000486	10.1	0.00155	0.0353	0.0003	0.000223	0.000106	0.111	0.00000242	0.00025	0.000552	0.0015	0.000203
2076 Sep	0.000254	0.000946	0.105	0.00000832	1.98	3	0.0416	0.000492	10	0.00155	0.0351	0.000297	0.000221	0.000106	0.111	0.00000244	0.000249	0.000549	0.00151	0.000202
2076 Oct	0.000245	0.000934	0.103	0.00000827	1.91	2.9	0.0395	0.000489	9.63	0.0015	0.0335	0.00028	0.000208	0.000101	0.108	0.00000238	0.000238	0.000525	0.00147	0.000189
2076 Nov	0.000243	0.000933	0.102	0.00000827	1.9	2.88	0.0391	0.000489	9.55	0.00149	0.0332	0.000277	0.000206	0.0001	0.107	0.00000237	0.000236	0.00052	0.00146	0.000187
2076 Dec	0.000243	0.000934	0.103	0.00000828	1.9	2.88	0.0391	0.000489	9.55	0.0015	0.0332	0.000277	0.000206	0.0001	0.107	0.00000237	0.000236	0.000521	0.00146	0.000187
2077 Jan	0.000243	0.000934	0.103	0.00000828	1.9	2.88	0.0391	0.000489	9.56	0.0015	0.0332	0.000277	0.000206	0.0001	0.107	0.00000237	0.000236	0.000521	0.00146	0.000187
2077 Feb	0.000243	0.000934	0.103	0.00000828	1.9	2.88	0.0391	0.000489	9.56	0.0015	0.0333	0.000277	0.000206	0.0001	0.107	0.00000237	0.000236	0.000521	0.00146	0.000187
2077 Mar	0.000243	0.000934	0.103	0.00000828	1.9	2.89	0.0391	0.00049	9.56	0.0015	0.0333	0.000277	0.000206	0.0001	0.107	0.00000237	0.000236	0.000521	0.00146	0.000187
2077 Apr	0.000244	0.000937	0.103	0.00000831	1.9	2.89	0.0393	0.000491	9.59	0.0015	0.0334	0.000278	0.000207	0.000101	0.107	0.00000238	0.000237	0.000522	0.00147	0.000188
2077 May	0.00026	0.000953	0.108	0.00000838	1.93	2.98	0.0421	0.000486	9.63	0.00152	0.033	0.000305	0.000209	0.000103	0.111	0.00000238	0.000234	0.000553	0.00148	0.000184
2077 Jun	0.000268	0.000916	0.107	0.00000787	1.92	2.99	0.0444	0.000463	9.55	0.0015	0.0321	0.000327	0.000214	0.000104	0.111	0.0000023	0.000235	0.000574	0.00144	0.000189
2077 Jul	0.000272	0.000941	0.11	0.00000825	1.96	3.04	0.0448	0.00047	9.71	0.00154	0.0327	0.000329	0.000223	0.000106	0.113	0.00000238	0.000239	0.000591	0.00152	0.000191
2077 Aug	0.000279	0.000975	0.114	0.0000086	2.02	3.14	0.046	0.000487	9.98	0.00159	0.0336	0.000337	0.000229	0.000109	0.116	0.00000247	0.000245	0.000605	0.00157	0.000196
2077 Sep	0.00026	0.000946	0.108	0.00000849	1.91	2.95	0.042	0.000481	9.33	0.00151	0.0311	0.000304	0.000207	0.000102	0.11	0.00000238	0.000228	0.000554	0.0015	0.000177
2077 Oct	0.000252	0.000943	0.106	0.00000845	1.88	2.91	0.0405	0.000489	9.24	0.00149	0.0308	0.000289	0.000201	0.0000996	0.109	0.00000236	0.000227	0.000535	0.00147	0.000176
2077 Nov	0.000253	0.000945	0.107	0.00000847	1.89	2.91	0.0405	0.00049	9.25	0.00149	0.0309	0.00029	0.000201	0.0000998	0.109	0.00000237	0.000227	0.000535	0.00147	0.000176
2077 Dec	0.000253	0.000945	0.107	0.00000848	1.89	2.92	0.0405	0.000491	9.26	0.0015	0.0309	0.00029	0.000201	0.0000999	0.109	0.00000237	0.000227	0.000536	0.00147	0.000176
2078 Jan	0.000253	0.000945	0.107	0.00000848	1.89	2.92	0.0405	0.000491	9.26	0.0015	0.0309	0.00029	0.000201	0.0000999	0.109	0.00000237	0.000227	0.000536	0.00147	0.000176
2078 Feb	0.000253	0.000945	0.107	0.00000848	1.89	2.92	0.0406	0.000491	9.26	0.0015	0.0309	0.00029	0.000201	0.0000999	0.109	0.00000237	0.000227	0.000536	0.00147	0.000176
2078 Mar	0.000253	0.000946	0.107	0.00000848	1.89	2.92	0.0406	0.000491	9.26	0.0015	0.0309	0.00029	0.000201	0.0000999	0.109	0.00000237	0.000227	0.000536	0.00147	0.000176
2078 Apr	0.000254	0.000951	0.107	0.00000853	1.9	2.93	0.0408	0.000494	9.31	0.0015	0.0311	0.000292	0.000203	0.0001	0.109	0.00000238	0.000229	0.000539	0.00148	0.000177
2078 May	0.00029	0.000972	0.116	0.0000084	1.97	3.14	0.0473	0.000484	9.55	0.00155	0.0309	0.000352	0.00021	0.000106	0.117	0.00000237	0.00023	0.000603	0.00148	0.000179
2078 Jun	0.000286	0.000932	0.11	0.00000765	2.01	3.16	0.0478	0.000495	9.99	0.00154	0.0328	0.000354	0.000217	0.00011	0.117	0.00000234	0.00025	0.000594	0.00139	0.000207

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Jul	0.000292	0.000964	0.113	0.00000799	2.07	3.24	0.0486	0.000511	10.3	0.00159	0.0338	0.000359	0.000224	0.000113	0.12	0.00000243	0.000258	0.000607	0.00145	0.000213
2078 Aug	0.000291	0.00098	0.114	0.00000824	2.08	3.24	0.0482	0.000514	10.3	0.0016	0.0336	0.000357	0.000223	0.000113	0.12	0.00000247	0.000257	0.000601	0.00147	0.00021
2078 Sep	0.000288	0.000985	0.114	0.00000836	2.07	3.22	0.0476	0.000518	10.2	0.0016	0.0333	0.00035	0.000219	0.000112	0.12	0.00000248	0.000254	0.000592	0.00148	0.000206
2078 Oct	0.000283	0.00098	0.113	0.00000836	2.03	3.17	0.0463	0.000517	9.97	0.00157	0.0325	0.000339	0.000213	0.000109	0.118	0.00000245	0.000248	0.000578	0.00146	0.000199
2078 Nov	0.000282	0.00098	0.113	0.00000837	2.03	3.16	0.0461	0.000518	9.94	0.00157	0.0324	0.000337	0.000211	0.000109	0.118	0.00000245	0.000247	0.000576	0.00146	0.000198
2078 Dec	0.000282	0.000981	0.113	0.00000837	2.03	3.16	0.0461	0.000518	9.94	0.00157	0.0324	0.000338	0.000211	0.000109	0.118	0.00000245	0.000247	0.000576	0.00146	0.000198
2079 Jan	0.000282	0.000981	0.113	0.00000837	2.03	3.16	0.0461	0.000518	9.94	0.00157	0.0324	0.000338	0.000211	0.000109	0.118	0.00000245	0.000247	0.000576	0.00146	0.000198
2079 Feb	0.000282	0.000981	0.113	0.00000837	2.03	3.16	0.0461	0.000518	9.94	0.00157	0.0324	0.000338	0.000211	0.000109	0.118	0.00000245	0.000247	0.000576	0.00146	0.000198
2079 Mar	0.000282	0.000981	0.113	0.00000838	2.03	3.16	0.0461	0.000518	9.95	0.00157	0.0324	0.000338	0.000212	0.000109	0.118	0.00000245	0.000247	0.000577	0.00146	0.000198
2079 Apr	0.000283	0.000984	0.113	0.0000084	2.04	3.17	0.0463	0.00052	9.98	0.00158	0.0325	0.000339	0.000212	0.000109	0.118	0.00000246	0.000248	0.000579	0.00146	0.000199
2079 May	0.000289	0.000998	0.116	0.00000852	2.06	3.22	0.0473	0.000524	10.1	0.0016	0.0328	0.000347	0.000215	0.000111	0.12	0.00000249	0.00025	0.000591	0.00148	0.0002
2079 Jun	0.000256	0.000902	0.104	0.000008	1.92	2.93	0.0424	0.000479	9.34	0.00149	0.0307	0.000308	0.000218	0.000103	0.109	0.00000237	0.000239	0.000558	0.00147	0.000195
2079 Jul	0.00024	0.000892	0.0998	0.00000804	1.92	2.87	0.0398	0.000488	9.43	0.00149	0.0315	0.000283	0.000223	0.000103	0.106	0.00000242	0.000247	0.000536	0.00149	0.000205
2079 Aug	0.000245	0.00092	0.103	0.00000835	1.96	2.93	0.0404	0.000499	9.6	0.00153	0.032	0.000288	0.000226	0.000105	0.109	0.00000249	0.00025	0.000543	0.00153	0.000207
2079 Sep	0.000238	0.000916	0.102	0.00000839	1.91	2.86	0.0387	0.000499	9.29	0.0015	0.0308	0.000273	0.000215	0.000101	0.106	0.00000245	0.000241	0.000522	0.0015	0.000196
2079 Oct	0.000231	0.000912	0.0998	0.00000833	1.88	2.81	0.0373	0.000505	9.14	0.00147	0.0302	0.00026	0.000207	0.000099	0.105	0.00000242	0.000237	0.000503	0.00146	0.000191
2079 Nov	0.000228	0.000911	0.0988	0.00000829	1.88	2.8	0.0367	0.000511	9.14	0.00147	0.0302	0.000254	0.000204	0.0000985	0.104	0.00000242	0.000239	0.000494	0.00145	0.000192
2079 Dec	0.000226	0.00091	0.0982	0.00000827	1.87	2.79	0.0363	0.000515	9.13	0.00146	0.0302	0.00025	0.000203	0.0000982	0.104	0.00000241	0.000239	0.000489	0.00144	0.000193
2080 Jan	0.000226	0.00091	0.0982	0.00000827	1.87	2.79	0.0363	0.000515	9.14	0.00146	0.0302	0.00025	0.000203	0.0000982	0.104	0.00000241	0.000239	0.000489	0.00144	0.000193
2080 Feb	0.000226	0.00091	0.0982	0.00000827	1.87	2.79	0.0363	0.000515	9.14	0.00146	0.0302	0.00025	0.000203	0.0000982	0.104	0.00000241	0.000239	0.000489	0.00144	0.000193
2080 Mar	0.000227	0.00091	0.0982	0.00000827	1.87	2.79	0.0363	0.000515	9.14	0.00146	0.0302	0.000251	0.000203	0.0000982	0.104	0.00000241	0.000239	0.000489	0.00144	0.000193
2080 Apr	0.000227	0.000912	0.0984	0.00000829	1.88	2.8	0.0364	0.000516	9.16	0.00146	0.0303	0.000251	0.000203	0.0000984	0.104	0.00000242	0.00024	0.00049	0.00144	0.000193
2080 May	0.000231	0.000925	0.0999	0.0000084	1.9	2.84	0.037	0.000523	9.28	0.00148	0.0307	0.000255	0.000206	0.0000998	0.106	0.00000245	0.000243	0.000498	0.00146	0.000196
2080 Jun	0.000208	0.000866	0.0924	0.00000816	1.83	2.66	0.0338	0.000496	8.93	0.00144	0.03	0.000229	0.000214	0.0000961	0.0988	0.00000241	0.00024	0.000481	0.00148	0.000197
2080 Jul	0.000199	0.000855	0.0896	0.00000816	1.83	2.62	0.0324	0.000495	8.94	0.00143	0.0302	0.000216	0.000218	0.0000959	0.0969	0.00000244	0.000244	0.000468	0.0015	0.000203
2080 Aug	0.000199	0.000871	0.0913	0.00000839	1.84	2.63	0.0322	0.000498	8.92	0.00144	0.0301	0.000215	0.000216	0.000096	0.0975	0.00000247	0.000242	0.000463	0.00151	0.0002
2080 Sep	0.000194	0.000869	0.0901	0.00000841	1.81	2.59	0.0311	0.000503	8.76	0.00142	0.0293	0.000205	0.000207	0.0000942	0.0963	0.00000245	0.000237	0.000444	0.00148	0.000194
2080 Oct	0.000192	0.000871	0.0888	0.0000083	1.82	2.59	0.0305	0.000519	8.84	0.00142	0.0296	0.000198	0.000202	0.0000941	0.0964	0.00000245	0.000241	0.000432	0.00145	0.000198
2080 Nov	0.00019	0.000871	0.0879	0.00000823	1.82	2.59	0.0301	0.000529	8.88	0.00141	0.0297	0.000193	0.000199	0.000094	0.0963	0.00000244	0.000244	0.000423	0.00142	0.0002
2080 Dec	0.00019	0.000872	0.0879	0.00000823	1.82	2.59	0.0301	0.00053	8.89	0.00141	0.0297	0.000193	0.000199	0.000094	0.0963	0.00000244	0.000244	0.000423	0.00142	0.000201
2081 Jan	0.00019	0.000872	0.0879	0.00000823	1.82	2.59	0.0301	0.00053	8.89	0.00141	0.0297	0.000193	0.000199	0.000094	0.0963	0.00000244	0.000244	0.000423	0.00142	0.000201
2081 Feb	0.00019	0.000872	0.0879	0.00000823	1.82	2.59	0.0301	0.00053	8.89	0.00141	0.0297	0.000193	0.000199	0.000094	0.0964	0.00000244	0.000244	0.000423	0.00142	0.000201
2081 Mar	0.00019	0.000872	0.0879	0.00000824	1.82	2.6	0.0301	0.00053	8.89	0.00142	0.0297	0.000193	0.000199	0.000094	0.0964	0.00000244	0.000244	0.000423	0.00142	0.000201
2081 Apr	0.000191	0.000875	0.0882	0.00000826	1.83	2.6	0.0302	0.000532	8.92	0.00142	0.0298	0.000194	0.0002	0.0000943	0.0967	0.00000245	0.000245	0.000425	0.00143	0.000201
2081 May	0.000233	0.000913	0.0999	0.00000833	1.9	2.84	0.0376	0.000521	9.13	0.00148	0.0294	0.000262	0.000207	0.0001	0.106	0.00000245	0.000242	0.000502	0.00145	0.000197
2081 Jun	0.000256	0.000912	0.103	0.00000794	1.98	3	0.0425	0.000525	9.52	0.00151	0.0302	0.000304	0.000217	0.000106	0.111	0.00000245	0.000254	0.000546	0.00143	0.000212
2081 Jul	0.000264	0.000951	0.107	0.00000831	2.07	3.12	0.0439	0.000551	9.98	0.00158	0.0318	0.000313	0.000228	0.000111	0.116	0.00000257	0.000267	0.000566	0.00149	0.000224
2081 Aug	0.000275	0.000993	0.112	0.0000087	2.16	3.25	0.0455	0.000575	10.4	0.00164	0.033	0.000324	0.000236	0.000116	0.121	0.00000268	0.000277	0.000587	0.00156	0.000232
2081 Sep	0.000269	0.00099	0.111	0.00000877	2.12	3.19	0.0442	0.000573	10.1	0.00162	0.0321	0.000313	0.000228	0.000113	0.119	0.00000266	0.00027	0.000569	0.00154	0.000223
2081 Oct	0.000266	0.000989	0.11	0.00000879	2.1	3.16	0.0435	0.000573	10	0.00161	0.0317	0.000307	0.000224	0.000112	0.118	0.00000265	0.000266	0.000561	0.00153	0.000219
2081 Nov	0.000261	0.000982	0.109	0.00000875	2.06	3.11	0.0424	0.000569	9.82	0.00158	0.0311	0.000298	0.000218	0.000109	0.116	0.00000261	0.00026	0.00055	0.00151	0.000213
2081 Dec	0.000261	0.000982	0.109	0.00000876	2.06	3.1	0.0424	0.000569	9.81	0.00158	0.031	0.000298	0.000217	0.000109	0.116	0.00000261	0.00026	0.000549	0.00151	0.000212
2082 Jan	0.000261	0.000982	0.109	0.00000876	2.06	3.1	0.0424	0.000569	9.81	0.00158	0.031	0.000298	0.000217	0.000109	0.116	0.00000261	0.00026	0.000549	0.00151	0.000212
2082 Feb	0.000261	0.000982	0.109	0.00000876	2.06	3.11	0.0424	0.000569	9.81	0.00158	0.031	0.000298	0.000218	0.000109	0.116	0.00000261	0.00026	0.000549	0.00151	0.000212
2082 Mar	0.000261	0.000983	0.109	0.00000876	2.06	3.11	0.0424	0.00057	9.82	0.00158	0.031	0.000298	0.000218	0.000109	0.116	0.00000261	0.00026	0.000549	0.00151	0.000212
2082 Apr	0.000262	0.000985	0.109	0.00000878	2.07	3.11	0.0425	0.000571	9.84	0.00159	0.0311	0.000299	0.000218	0.000109	0.116	0.00000262	0.00026	0.000551	0.00152	0.000213
2082 May	0.000265	0.000997	0.111	0.00000889	2.09	3.15	0.043	0.000578	9.96	0.00161	0.0315	0.000302	0.000221	0.000111	0.118	0.00000265	0.000264	0.000557	0.00154	0.000215
2082 Jun	0.000218	0.000883	0.096	0.00000841	1.89	2.75	0.0357	0.000517	8.95	0.00147	0.0289	0.000243	0.000222	0.0000995	0.102	0.00000251	0.000245	0.000505	0.00153	0.000203
2082 Jul	0.000196	0.000847	0.088	0.00000816	1.88	2.65	0.0323	0.000525	9.03	0.00145	0.0298	0.000212	0.000228	0.0000989	0.0981	0.00000253	0.000258	0.000471	0.00152	0.00022
2082 Aug	0.0002	0.000873	0.0906	0.00000846	1.92	2.7	0.0329	0.000539	9.19	0.00149	0.0302	0.000214	0.00023	0.000101	0.1	0.0000026	0.000261	0.000477	0.00155	0.000222
2082 Sep	0.0002	0.000882	0.0913	0.00000858	1.92	2.7	0.0326	0.000543	9.16	0.00149	0.03	0.000212	0.000227	0.000101	0.101	0.00000261	0.000259	0.000473	0.00156	0.000219
2082 Oct	0.000191	0.000868	0.0894	0.00000846	1.84	2.59	0.0306	0.000533	8.68	0.00143	0.0283	0.000196	0.000211	0.0000949	0.0969	0.00000252	0.000244	0.000447	0.0015	0.000202
2082 Nov	0.000191	0.00087	0.0895	0.00000848	1.84	2.6	0.0306	0.000534	8.68	0.00143	0.0283	0.000196	0.000211	0.0000949	0.097	0.00000252	0.000244	0.000447	0.0015	0.000202
2082 Dec	0.000192	0.00087	0.0896	0.00000849	1.84	2.6	0.0306	0.000535	8.69	0.00143	0.0283	0.000196	0.000211	0.000095	0.0971	0.00000252	0.000244	0.000447	0.0015	0.000202
2083 Jan	0.000192	0.00087	0.0896	0.00000849	1.84	2.6	0.0306	0.000535	8.69	0.00143	0.0283	0.000196	0.000211	0.000095	0.0971	0.00000252	0.000244	0.000447	0.0015	0.000202
2083 Feb	0.000192	0.00087	0.0896	0.00000849	1.84	2.6	0.0306	0.000535	8.69	0.00143	0.0283	0.000196	0.000211	0.000095	0.0971	0.00000252	0.000244	0.000447	0.0015	0.000202
2083 Mar	0.000192	0.000871	0.0897	0.0000085	1.84	2.6	0.0306	0.000535	8.7	0.00143	0.0284	0.000196	0.000211	0.0000951	0.0972	0.00000253	0.000244	0.000448	0.0015	0.000202
2083 Apr	0.000192	0.000874	0.09	0.00000853	1.85	2.61	0.0307	0.000537	8.73	0.00144	0.0285	0.000197	0.000212	0.0000954	0.0975	0.00000253	0.000245	0.000449	0.00151	0.000203
2083 May	0.000225	0.000906	0.0993	0.0000086	1.9	2.79	0.0364	0.00053	8.9	0.00148	0.0282	0.000249	0.000217	0.0001	0.105	0.00000254	0.000243	0.000507	0.00153	0.000199
2083 Jun	0.000253	0.000895	0.102	0.00000794	1.99	2.98	0.0424	0.000536	9.34	0.00151	0.0288	0.000302	0.000224	0.000107	0.111	0.0000025	0.000257	0.000553	0.00145	0.000219
2083 Jul	0.000246	0.000905	0.101	0.00000811	2.03	2.98	0.0412	0.000554	9.54	0.00153	0.0298	0.000289	0.00023	0.000109	0.111	0.00000258	0.000267	0.000542	0.00148	0.00023
2083 Aug	0.000241	0.000917	0.102	0.00000836	2	2.94	0.04	0.000545	9.34	0.00152	0.029	0.000282	0.000223	0.000107	0.11	0.00000259	0.000259	0.000524	0.00149	0.00022
2083 Sep	0.000233	0.000913	0.1	0.00000835	1.96	2.88	0.0382	0.000551	9.15	0.00149	0.0284	0.000266	0.000214	0.000104	0.108	0.00000256	0.000253	0.000501	0.00146	0.000213
2083 Oct	0.000216	0.000896	0.0938	0.00000808	1.93	2.8	0.0349	0.000577	9.11	0.00146	0.0284	0.000234	0.000202	0.000101	0.104	0.00000253	0.000258	0.000458	0.00138	0.000219
2083 Nov	0.000212	0.000892	0.092	0.000008	1.93	2.78	0.0341	0.000586	9.14	0.00145	0.0286	0.000225	0.0002	0.000101	0.104	0.00000253	0.000261	0.000447	0.00136	0.000223
2083 Dec	0.000212	0.000892	0.0921	0.000008	1.93	2.78	0.0341	0.000586	9.14	0.00145	0.0286	0.000225	0.0002	0.000101	0.104	0.00000253	0.000261	0.000447	0.00136	0.000223
2084 Jan	0.000212	0.000892	0.0921	0.00000801	1.93	2.78	0.0341	0.000586	9.14	0.00145	0.0286	0.000225	0.0002	0.000101	0.104	0.00000253	0.000261	0.000447	0.00136	0.000223

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Feb	0.000212	0.000892	0.0921	0.00000801	1.93	2.78	0.0341	0.000586	9.14	0.00145	0.0286	0.000225	0.0002	0.000101	0.104	0.00000253	0.000261	0.000447	0.00136	0.000223
2084 Mar	0.000212	0.000893	0.0921	0.00000801	1.94	2.78	0.0342	0.000587	9.15	0.00145	0.0286	0.000226	0.000201	0.000101	0.104	0.00000254	0.000262	0.000447	0.00136	0.000223
2084 Apr	0.000213	0.000898	0.0926	0.00000805	1.95	2.8	0.0343	0.00059	9.2	0.00146	0.0288	0.000227	0.000202	0.000101	0.104	0.00000255	0.000263	0.000449	0.00137	0.000224
2084 May	0.000252	0.000933	0.104	0.00000819	2	3	0.0412	0.000573	9.31	0.00151	0.0282	0.00029	0.000209	0.000106	0.112	0.00000255	0.000257	0.000524	0.00141	0.000216
2084 Jun	0.00026	0.000898	0.102	0.00000764	2.04	3.04	0.0436	0.000571	9.47	0.00151	0.0285	0.000312	0.000219	0.00011	0.114	0.00000253	0.000267	0.000546	0.00137	0.000233
2084 Jul	0.000258	0.000916	0.103	0.0000079	2.08	3.08	0.0434	0.000587	9.67	0.00154	0.0293	0.000307	0.000226	0.000112	0.115	0.00000262	0.000275	0.000547	0.00142	0.00024
2084 Aug	0.000262	0.000939	0.105	0.00000816	2.12	3.13	0.0438	0.000598	9.8	0.00157	0.0297	0.00031	0.000228	0.000113	0.117	0.00000267	0.000277	0.000552	0.00145	0.000241
2084 Sep	0.000256	0.000934	0.104	0.00000822	2.07	3.07	0.0425	0.000593	9.57	0.00155	0.0289	0.000299	0.000219	0.000111	0.115	0.00000265	0.000269	0.000535	0.00143	0.000232
2084 Oct	0.000245	0.000924	0.102	0.00000817	2.01	2.97	0.0401	0.00059	9.25	0.0015	0.0279	0.000279	0.000207	0.000106	0.112	0.00000259	0.00026	0.000508	0.00139	0.000221
2084 Nov	0.00024	0.00092	0.1	0.00000812	2	2.94	0.0392	0.000594	9.2	0.00149	0.0278	0.00027	0.000204	0.000105	0.111	0.00000258	0.000259	0.000497	0.00138	0.000221
2084 Dec	0.00024	0.00092	0.1	0.00000813	2	2.94	0.0392	0.000594	9.21	0.00149	0.0278	0.00027	0.000204	0.000105	0.111	0.00000258	0.00026	0.000497	0.00138	0.000221
2085 Jan	0.00024	0.00092	0.1	0.00000813	2	2.94	0.0392	0.000594	9.21	0.00149	0.0278	0.00027	0.000204	0.000105	0.111	0.00000258	0.00026	0.000497	0.00138	0.000221
2085 Feb	0.00024	0.00092	0.1	0.00000813	2	2.94	0.0392	0.000595	9.21	0.00149	0.0278	0.00027	0.000204	0.000105	0.111	0.00000258	0.00026	0.000497	0.00138	0.000221
2085 Mar	0.00024	0.000921	0.1	0.00000813	2	2.94	0.0392	0.000595	9.21	0.00149	0.0278	0.00027	0.000205	0.000105	0.111	0.00000258	0.00026	0.000497	0.00138	0.000221
2085 Apr	0.000241	0.000923	0.101	0.00000815	2	2.95	0.0393	0.000596	9.24	0.00149	0.0279	0.000271	0.000205	0.000106	0.111	0.00000259	0.00026	0.000499	0.00138	0.000221
2085 May	0.00027	0.000948	0.109	0.00000823	2.05	3.11	0.0446	0.000583	9.33	0.00153	0.0274	0.00032	0.000211	0.00011	0.117	0.00000258	0.000257	0.000556	0.00141	0.000216
2085 Jun	0.000285	0.000944	0.111	0.00000801	2.1	3.2	0.0478	0.000582	9.54	0.00156	0.0276	0.000348	0.00022	0.000113	0.12	0.00000259	0.000264	0.000589	0.00141	0.000227
2085 Jul	0.000292	0.000976	0.115	0.00000836	2.15	3.28	0.0488	0.000595	9.76	0.0016	0.0283	0.000356	0.000227	0.000116	0.124	0.00000267	0.00027	0.000604	0.00147	0.000231
2085 Aug	0.000283	0.000971	0.114	0.00000848	2.1	3.2	0.047	0.000585	9.48	0.00158	0.0274	0.000341	0.000218	0.000113	0.121	0.00000265	0.00026	0.000579	0.00146	0.00022
2085 Sep	0.000263	0.000948	0.107	0.00000834	2.05	3.08	0.0433	0.000595	9.27	0.00153	0.0269	0.000307	0.000206	0.000109	0.116	0.00000261	0.000258	0.000532	0.0014	0.000218
2085 Oct	0.000247	0.000931	0.102	0.00000812	2.04	3.01	0.0404	0.000617	9.3	0.00151	0.0272	0.000279	0.000201	0.000108	0.113	0.0000026	0.000265	0.000497	0.00135	0.000227
2085 Nov	0.00024	0.000923	0.099	0.00000802	2.03	2.98	0.0391	0.000627	9.32	0.00149	0.0273	0.000266	0.000199	0.000107	0.112	0.0000026	0.000269	0.000481	0.00132	0.000232
2085 Dec	0.00024	0.000923	0.099	0.00000802	2.03	2.98	0.0391	0.000627	9.32	0.00149	0.0274	0.000266	0.000199	0.000107	0.112	0.0000026	0.000269	0.000481	0.00132	0.000232
2086 Jan	0.00024	0.000923	0.099	0.00000802	2.03	2.98	0.0391	0.000627	9.32	0.00149	0.0274	0.000266	0.000199	0.000107	0.112	0.0000026	0.000269	0.000481	0.00132	0.000232
2086 Feb	0.00024	0.000923	0.099	0.00000802	2.03	2.98	0.0391	0.000627	9.32	0.00149	0.0274	0.000266	0.000199	0.000107	0.112	0.0000026	0.000269	0.000481	0.00132	0.000232
2086 Mar	0.00024	0.000923	0.099	0.00000802	2.03	2.98	0.0391	0.000627	9.32	0.0015	0.0274	0.000267	0.000199	0.000107	0.112	0.0000026	0.000269	0.000481	0.00133	0.000232
2086 Apr	0.000241	0.000927	0.0994	0.00000805	2.04	2.99	0.0393	0.00063	9.36	0.0015	0.0275	0.000268	0.0002	0.000108	0.112	0.00000261	0.00027	0.000483	0.00133	0.000233
2086 May	0.000254	0.000946	0.104	0.00000819	2.07	3.07	0.0416	0.000627	9.44	0.00153	0.0274	0.000288	0.000204	0.00011	0.116	0.00000263	0.000269	0.00051	0.00136	0.000231
2086 Jun	0.000255	0.000896	0.101	0.00000775	2.06	3.03	0.0428	0.000601	9.3	0.00151	0.027	0.000301	0.000218	0.00011	0.114	0.0000026	0.000271	0.000534	0.00137	0.000239
2086 Jul	0.000245	0.000905	0.0993	0.00000797	2.11	3.04	0.0413	0.000627	9.57	0.00154	0.0282	0.000285	0.000228	0.000113	0.114	0.00000272	0.000285	0.000525	0.00142	0.000255
2086 Aug	0.000245	0.000922	0.101	0.00000823	2.11	3.05	0.0411	0.00063	9.56	0.00155	0.0281	0.000283	0.000226	0.000113	0.115	0.00000275	0.000283	0.000521	0.00144	0.000251
2086 Sep	0.000237	0.000915	0.0994	0.0000083	2.05	2.96	0.0392	0.000621	9.23	0.00152	0.027	0.000267	0.000215	0.000109	0.112	0.0000027	0.000271	0.000497	0.00142	0.000236
2086 Oct	0.000235	0.000916	0.0993	0.00000833	2.03	2.94	0.0386	0.000619	9.12	0.00151	0.0266	0.000262	0.00021	0.000107	0.111	0.00000269	0.000266	0.00049	0.00141	0.000231
2086 Nov	0.000235	0.000919	0.0995	0.00000835	2.04	2.94	0.0386	0.000621	9.14	0.00151	0.0267	0.000262	0.000211	0.000108	0.111	0.00000269	0.000267	0.000491	0.00142	0.000232
2086 Dec	0.000235	0.000919	0.0995	0.00000836	2.04	2.94	0.0386	0.000621	9.14	0.00151	0.0267	0.000262	0.000211	0.000108	0.111	0.00000269	0.000267	0.000491	0.00142	0.000232
2087 Jan	0.000235	0.000919	0.0995	0.00000836	2.04	2.94	0.0386	0.000621	9.14	0.00151	0.0267	0.000262	0.000211	0.000108	0.111	0.00000269	0.000267	0.000491	0.00142	0.000232
2087 Feb	0.000235	0.000919	0.0995	0.00000836	2.04	2.94	0.0387	0.000621	9.14	0.00151	0.0267	0.000262	0.000211	0.000108	0.111	0.00000269	0.000267	0.000491	0.00142	0.000232
2087 Mar	0.000236	0.00092	0.0996	0.00000837	2.04	2.95	0.0387	0.000622	9.15	0.00151	0.0267	0.000263	0.000211	0.000108	0.111	0.0000027	0.000267	0.000492	0.00142	0.000232
2087 Apr	0.000236	0.000922	0.0998	0.00000838	2.04	2.95	0.0388	0.000623	9.17	0.00151	0.0268	0.000263	0.000211	0.000108	0.112	0.0000027	0.000268	0.000492	0.00142	0.000232
2087 May	0.000252	0.000936	0.105	0.00000841	2.07	3.04	0.0417	0.000616	9.23	0.00153	0.0266	0.00029	0.000214	0.00011	0.115	0.0000027	0.000266	0.000524	0.00143	0.00023
2087 Jun	0.000277	0.000932	0.109	0.0000081	2.11	3.17	0.0466	0.000603	9.36	0.00155	0.0262	0.000336	0.000223	0.000114	0.119	0.00000266	0.000269	0.000576	0.00142	0.000235
2087 Jul	0.000277	0.00095	0.111	0.00000838	2.12	3.18	0.0465	0.000603	9.37	0.00157	0.0263	0.000335	0.000225	0.000114	0.12	0.00000271	0.000268	0.000578	0.00146	0.000233
2087 Aug	0.000283	0.000979	0.114	0.00000869	2.17	3.25	0.0473	0.000617	9.57	0.00161	0.0268	0.000341	0.000229	0.000117	0.123	0.00000278	0.000273	0.000587	0.00151	0.000236
2087 Sep	0.000283	0.000992	0.116	0.00000885	2.18	3.27	0.0472	0.000625	9.59	0.00162	0.0269	0.000339	0.000228	0.000117	0.124	0.00000281	0.000273	0.000587	0.00152	0.000235
2087 Oct	0.000278	0.000988	0.115	0.00000884	2.14	3.22	0.046	0.000621	9.41	0.0016	0.0264	0.000329	0.000222	0.000114	0.122	0.00000277	0.000267	0.000574	0.0015	0.000228
2087 Nov	0.000276	0.000986	0.114	0.00000884	2.12	3.19	0.0455	0.000619	9.34	0.00159	0.0261	0.000325	0.000219	0.000113	0.121	0.00000276	0.000264	0.000569	0.00149	0.000225
2087 Dec	0.000276	0.000986	0.114	0.00000884	2.13	3.19	0.0455	0.000619	9.34	0.00159	0.0262	0.000325	0.000219	0.000113	0.121	0.00000276	0.000264	0.000569	0.00149	0.000225
2088 Jan	0.000276	0.000986	0.114	0.00000884	2.13	3.19	0.0455	0.00062	9.34	0.00159	0.0262	0.000325	0.000219	0.000113	0.121	0.00000276	0.000264	0.000569	0.0015	0.000225
2088 Feb	0.000276	0.000986	0.114	0.00000884	2.13	3.2	0.0455	0.00062	9.34	0.00159	0.0262	0.000325	0.000219	0.000114	0.121	0.00000276	0.000264	0.000569	0.0015	0.000225
2088 Mar	0.000276	0.000987	0.114	0.00000885	2.13	3.2	0.0456	0.00062	9.35	0.00159	0.0262	0.000326	0.000219	0.000114	0.121	0.00000276	0.000264	0.00057	0.0015	0.000225
2088 Apr	0.000279	0.000995	0.115	0.00000891	2.14	3.22	0.0459	0.000625	9.42	0.0016	0.0264	0.000328	0.000221	0.000114	0.122	0.00000278	0.000266	0.000574	0.00151	0.000227
2088 May	0.000285	0.00101	0.118	0.00000906	2.18	3.28	0.047	0.000634	9.58	0.00163	0.0268	0.000335	0.000225	0.000116	0.124	0.00000283	0.00027	0.000586	0.00153	0.00023
2088 Jun	0.000255	0.000934	0.109	0.00000888	2	2.98	0.0422	0.000566	8.68	0.00153	0.0245	0.000299	0.000226	0.000107	0.113	0.00000269	0.000247	0.000565	0.00157	0.000208
2088 Jul	0.000251	0.000944	0.109	0.00000913	2.04	3	0.0416	0.000577	8.83	0.00156	0.0251	0.000292	0.000235	0.000108	0.113	0.00000277	0.000255	0.00057	0.00163	0.000216
2088 Aug	0.000262	0.00099	0.115	0.0000096	2.13	3.13	0.0434	0.000604	9.21	0.00163	0.0262	0.000304	0.000245	0.000113	0.118	0.0000029	0.000265	0.000592	0.00171	0.000224
2088 Sep	0.000263	0.001	0.115	0.00000972	2.14	3.14	0.0433	0.00061	9.24	0.00164	0.0262	0.000302	0.000244	0.000113	0.119	0.00000292	0.000265	0.000592	0.00172	0.000223
2088 Oct	0.000248	0.000977	0.111	0.00000951	2.02	2.99	0.0402	0.000594	8.71	0.00156	0.0247	0.000278	0.000224	0.000106	0.114	0.00000279	0.000248	0.000553	0.00164	0.000204
2088 Nov	0.000245	0.000973	0.111	0.00000949	2	2.95	0.0395	0.000592	8.6	0.00155	0.0244	0.000272	0.00022	0.000104	0.112	0.00000277	0.000244	0.000545	0.00162	0.000199
2088 Dec	0.000245	0.000974	0.111	0.00000949	2	2.95	0.0395	0.000592	8.6	0.00155	0.0244	0.000272	0.00022	0.000105	0.112	0.00000277	0.000244	0.000545	0.00162	0.000199
2089 Jan	0.000245	0.000974	0.111	0.00000949	2	2.96	0.0395	0.000592	8.6	0.00155	0.0244	0.000272	0.00022	0.000105	0.112	0.00000277	0.000244	0.000545	0.00162	0.000199
2089 Feb	0.000245	0.000974	0.111	0.0000095	2	2.96	0.0395	0.000592	8.61	0.00155	0.0244	0.000272	0.00022	0.000105	0.113	0.00000277	0.000244	0.000545	0.00162	0.000199
2089 Mar	0.000246	0.000975	0.111	0.00000951	2	2.96	0.0395	0.000593	8.62	0.00155	0.0244	0.000272	0.00022	0.000105	0.113	0.00000277	0.000244	0.000546	0.00163	0.0002
2089 Apr	0.000247	0.00098	0.111	0.00000955	2.01	2.97	0.0397	0.000596	8.66	0.00156	0.0245	0.000274	0.000221	0.000105	0.113	0.00000279	0.000245	0.000548	0.00163	0.000201
2089 May	0.000271	0.000999	0.118	0.00000956	2.05	3.1	0.0441	0.000586	8.76	0.00159	0.0243	0.000314	0.000224	0.000108	0.118	0.00000277	0.000243	0.000592	0.00164	0.000197
2089 Jun	0.000302	0.001	0.124	0.00000914	2.12	3.3	0.0503	0.000581	9.1	0.00162	0.0243	0.00037	0.000232	0.000115	0.125	0.00000273	0.000251	0.000647	0.0016	0.000209
2089 Jul	0.000304	0.00102	0.126	0.00000945	2.14	3.33	0.0505	0.000584	9.16	0.00165	0.0245	0.000372	0.000235	0.000115	0.126	0.00000279	0.000252	0.000651	0.00164	0.000208
2089 Aug	0.000307	0.00105	0.129	0.00000976	2.17	3.37	0.0508	0.000591	9.27	0.00168	0.0248	0.000375	0.000236	0.000117	0.128	0.00000285	0.000253	0.000654	0.00168	0.000208

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Sep	0.000304	0.00105	0.129	0.00000982	2.15	3.34	0.0498	0.000594	9.17	0.00167	0.0245	0.000366	0.000231	0.000115	0.127	0.00000284	0.00025	0.000643	0.00167	0.000203
2089 Oct	0.000278	0.00101	0.12	0.00000942	2.06	3.17	0.045	0.000602	8.85	0.00159	0.0237	0.000323	0.000213	0.000109	0.12	0.00000274	0.000246	0.000582	0.00156	0.0002
2089 Nov	0.000274	0.00101	0.118	0.00000936	2.07	3.16	0.0444	0.00061	8.9	0.00158	0.0239	0.000316	0.000212	0.000109	0.119	0.00000274	0.000249	0.000573	0.00155	0.000204
2089 Dec	0.000274	0.00101	0.118	0.00000936	2.07	3.16	0.0444	0.000611	8.9	0.00158	0.0239	0.000316	0.000212	0.000109	0.119	0.00000274	0.00025	0.000573	0.00155	0.000204
2090 Jan	0.000275	0.00101	0.118	0.00000937	2.07	3.16	0.0444	0.000611	8.91	0.00158	0.0239	0.000316	0.000212	0.000109	0.119	0.00000274	0.00025	0.000573	0.00155	0.000204
2090 Feb	0.000275	0.00101	0.118	0.00000937	2.07	3.16	0.0444	0.000611	8.91	0.00158	0.0239	0.000316	0.000213	0.000109	0.119	0.00000275	0.00025	0.000573	0.00155	0.000205
2090 Mar	0.000275	0.00101	0.118	0.00000938	2.07	3.17	0.0444	0.000611	8.92	0.00159	0.024	0.000317	0.000213	0.000109	0.12	0.00000275	0.00025	0.000574	0.00155	0.000205
2090 Apr	0.000276	0.00102	0.119	0.0000094	2.08	3.18	0.0446	0.000613	8.94	0.00159	0.024	0.000318	0.000213	0.00011	0.12	0.00000276	0.000251	0.000575	0.00156	0.000205
2090 May	0.000282	0.00103	0.121	0.00000949	2.1	3.22	0.0457	0.000616	9.03	0.00161	0.0242	0.000327	0.000216	0.000111	0.122	0.00000278	0.000252	0.000588	0.00157	0.000206
2090 Jun	0.00028	0.000963	0.113	0.00000858	2.16	3.26	0.0471	0.000632	9.42	0.0016	0.0252	0.000336	0.000232	0.000116	0.122	0.00000277	0.000278	0.000594	0.0015	0.000245
2090 Jul	0.000274	0.000974	0.113	0.00000881	2.2	3.27	0.0462	0.00065	9.6	0.00163	0.026	0.000326	0.000241	0.000118	0.122	0.00000287	0.000288	0.000592	0.00155	0.000255
2090 Aug	0.000257	0.000955	0.108	0.00000881	2.13	3.13	0.0428	0.000641	9.23	0.00158	0.0249	0.000297	0.000224	0.000114	0.117	0.00000281	0.000275	0.000541	0.0015	0.000242
2090 Sep	0.000241	0.00094	0.102	0.00000858	2.12	3.06	0.0398	0.000672	9.25	0.00155	0.0252	0.000267	0.000215	0.000112	0.115	0.00000281	0.000282	0.000498	0.00143	0.000251
2090 Oct	0.000223	0.000924	0.0949	0.00000825	2.11	2.99	0.0364	0.000713	9.31	0.00152	0.0256	0.000233	0.000206	0.00011	0.112	0.00000282	0.000293	0.000452	0.00134	0.000264
2090 Nov	0.000219	0.000919	0.0932	0.00000816	2.11	2.98	0.0357	0.000722	9.33	0.00151	0.0258	0.000226	0.000204	0.00011	0.112	0.00000283	0.000295	0.000442	0.00132	0.000268
2090 Dec	0.000219	0.000919	0.0932	0.00000816	2.11	2.98	0.0357	0.000723	9.33	0.00151	0.0258	0.000226	0.000204	0.00011	0.112	0.00000283	0.000296	0.000442	0.00132	0.000268
2091 Jan	0.000219	0.000919	0.0933	0.00000816	2.11	2.98	0.0357	0.000723	9.33	0.00151	0.0258	0.000227	0.000204	0.00011	0.112	0.00000283	0.000296	0.000442	0.00132	0.000268
2091 Feb	0.000219	0.000919	0.0933	0.00000816	2.11	2.98	0.0358	0.000723	9.33	0.00151	0.0258	0.000227	0.000204	0.00011	0.112	0.00000283	0.000296	0.000442	0.00132	0.000268
2091 Mar	0.000219	0.00092	0.0934	0.00000817	2.12	2.98	0.0358	0.000724	9.35	0.00151	0.0258	0.000227	0.000205	0.00011	0.112	0.00000283	0.000296	0.000443	0.00132	0.000269
2091 Apr	0.000221	0.000925	0.0939	0.00000822	2.13	3	0.036	0.000728	9.4	0.00152	0.026	0.000228	0.000206	0.000111	0.112	0.00000285	0.000298	0.000445	0.00133	0.00027
2091 May	0.000238	0.000948	0.0995	0.00000836	2.16	3.1	0.0391	0.000723	9.5	0.00155	0.026	0.000256	0.00021	0.000114	0.116	0.00000287	0.000296	0.00048	0.00136	0.000267
2091 Jun	0.000275	0.000944	0.109	0.00000814	2.19	3.25	0.0464	0.000681	9.44	0.00157	0.0252	0.000327	0.000225	0.000118	0.123	0.00000283	0.000287	0.000566	0.0014	0.000262
2091 Jul	0.000281	0.000976	0.112	0.00000852	2.27	3.34	0.0474	0.000705	9.75	0.00163	0.0261	0.000332	0.000235	0.000122	0.126	0.00000295	0.000297	0.000583	0.00147	0.000271
2091 Aug	0.000273	0.000973	0.111	0.00000866	2.21	3.26	0.0456	0.000691	9.47	0.00161	0.0253	0.000318	0.000225	0.000119	0.123	0.00000292	0.000286	0.000558	0.00146	0.000258
2091 Sep	0.000263	0.000962	0.108	0.00000872	2.15	3.16	0.0435	0.000679	9.15	0.00157	0.0244	0.0003	0.000213	0.000115	0.12	0.00000286	0.000273	0.000531	0.00144	0.000243
2091 Oct	0.000248	0.000945	0.103	0.00000848	2.13	3.09	0.0409	0.000699	9.15	0.00154	0.0245	0.000276	0.000208	0.000113	0.117	0.00000286	0.000279	0.000499	0.00138	0.000251
2091 Nov	0.000237	0.000932	0.0989	0.00000828	2.13	3.04	0.0389	0.000718	9.16	0.00152	0.0248	0.000256	0.000205	0.000112	0.116	0.00000286	0.000286	0.000473	0.00134	0.00026
2091 Dec	0.000237	0.000932	0.0989	0.00000829	2.13	3.04	0.0389	0.000719	9.17	0.00152	0.0248	0.000256	0.000204	0.000112	0.116	0.00000286	0.000286	0.000473	0.00134	0.00026
2092 Jan	0.000237	0.000932	0.0989	0.00000829	2.13	3.04	0.0389	0.000719	9.17	0.00152	0.0248	0.000256	0.000204	0.000112	0.116	0.00000286	0.000286	0.000473	0.00134	0.00026
2092 Feb	0.000237	0.000932	0.0989	0.00000829	2.13	3.05	0.0389	0.000719	9.17	0.00152	0.0248	0.000256	0.000205	0.000112	0.116	0.00000286	0.000286	0.000473	0.00134	0.00026
2092 Mar	0.000237	0.000934	0.0991	0.0000083	2.13	3.05	0.039	0.00072	9.19	0.00152	0.0248	0.000257	0.000205	0.000112	0.116	0.00000287	0.000286	0.000474	0.00134	0.00026
2092 Apr	0.000238	0.000938	0.0995	0.00000834	2.14	3.06	0.0392	0.000723	9.23	0.00153	0.0249	0.000258	0.000206	0.000113	0.116	0.00000288	0.000288	0.000476	0.00135	0.000262
2092 May	0.000257	0.000959	0.105	0.00000844	2.18	3.17	0.0425	0.000718	9.34	0.00156	0.0249	0.000288	0.000211	0.000116	0.12	0.00000289	0.000287	0.000513	0.00138	0.000259
2092 Jun	0.000262	0.000899	0.102	0.00000772	2.18	3.16	0.0448	0.000701	9.25	0.00153	0.0245	0.000311	0.000225	0.000118	0.12	0.00000287	0.000292	0.000541	0.00134	0.000276
2092 Jul	0.000246	0.000888	0.0981	0.00000782	2.19	3.08	0.0422	0.000713	9.24	0.00153	0.0249	0.000286	0.000231	0.000117	0.117	0.00000294	0.000299	0.000521	0.00138	0.000285
2092 Aug	0.000252	0.000918	0.101	0.00000814	2.24	3.17	0.0431	0.000733	9.47	0.00158	0.0255	0.000292	0.000236	0.000121	0.121	0.00000302	0.000305	0.000532	0.00142	0.00029
2092 Sep	0.000249	0.000919	0.101	0.00000823	2.22	3.13	0.0422	0.000728	9.34	0.00156	0.0251	0.000284	0.00023	0.000119	0.119	0.000003	0.000299	0.000521	0.00142	0.000282
2092 Oct	0.000245	0.000916	0.1	0.00000823	2.18	3.08	0.0412	0.000721	9.16	0.00154	0.0246	0.000276	0.000223	0.000116	0.118	0.00000296	0.000292	0.00051	0.0014	0.000273
2092 Nov	0.000244	0.000917	0.1	0.00000825	2.17	3.07	0.041	0.00072	9.13	0.00154	0.0246	0.000275	0.000222	0.000116	0.118	0.00000296	0.000291	0.000508	0.0014	0.000272
2092 Dec	0.000244	0.000917	0.1	0.00000825	2.17	3.08	0.041	0.000721	9.14	0.00154	0.0246	0.000275	0.000222	0.000116	0.118	0.00000296	0.000291	0.000508	0.0014	0.000272
2093 Jan	0.000244	0.000917	0.1	0.00000825	2.17	3.08	0.041	0.000721	9.14	0.00154	0.0246	0.000275	0.000222	0.000116	0.118	0.00000296	0.000291	0.000508	0.0014	0.000272
2093 Feb	0.000244	0.000918	0.1	0.00000825	2.17	3.08	0.041	0.000721	9.14	0.00154	0.0246	0.000275	0.000222	0.000116	0.118	0.00000296	0.000291	0.000508	0.0014	0.000272
2093 Mar	0.000245	0.00092	0.101	0.00000827	2.18	3.08	0.0411	0.000723	9.16	0.00154	0.0246	0.000276	0.000223	0.000116	0.118	0.00000297	0.000292	0.00051	0.00141	0.000272
2093 Apr	0.000246	0.000924	0.101	0.00000831	2.19	3.1	0.0413	0.000726	9.21	0.00155	0.0248	0.000277	0.000224	0.000117	0.118	0.00000298	0.000293	0.000512	0.00141	0.000274
2093 May	0.000263	0.000946	0.107	0.00000845	2.22	3.19	0.0443	0.000718	9.27	0.00158	0.0246	0.000305	0.000227	0.000119	0.122	0.00000298	0.00029	0.000546	0.00144	0.000269
2093 Jun	0.000279	0.000923	0.109	0.00000803	2.21	3.24	0.0477	0.000696	9.21	0.00157	0.0238	0.000338	0.000232	0.00012	0.124	0.00000291	0.000288	0.00058	0.00141	0.000271
2093 Jul	0.000279	0.000945	0.11	0.00000833	2.27	3.29	0.0477	0.000715	9.41	0.00161	0.0245	0.000336	0.000239	0.000123	0.125	0.00000301	0.000297	0.000585	0.00146	0.000279
2093 Aug	0.000283	0.00097	0.113	0.00000861	2.31	3.35	0.0483	0.000728	9.57	0.00164	0.0249	0.00034	0.000242	0.000125	0.128	0.00000308	0.0003	0.000591	0.0015	0.000282
2093 Sep	0.000279	0.000972	0.112	0.00000868	2.27	3.31	0.0472	0.000724	9.42	0.00162	0.0245	0.00033	0.000235	0.000122	0.126	0.00000305	0.000294	0.000579	0.00149	0.000273
2093 Oct	0.000256	0.000942	0.106	0.00000842	2.16	3.12	0.0426	0.000714	8.95	0.00154	0.0233	0.000291	0.000215	0.000115	0.119	0.00000292	0.000281	0.000525	0.0014	0.000259
2093 Nov	0.000246	0.000933	0.102	0.00000831	2.15	3.08	0.0408	0.000729	8.94	0.00152	0.0233	0.000273	0.00021	0.000113	0.117	0.00000292	0.000285	0.000501	0.00136	0.000263
2093 Dec	0.000246	0.000933	0.102	0.00000831	2.15	3.08	0.0408	0.00073	8.94	0.00152	0.0233	0.000274	0.00021	0.000113	0.117	0.00000292	0.000285	0.000501	0.00136	0.000263
2094 Jan	0.000246	0.000933	0.102	0.00000831	2.15	3.08	0.0408	0.00073	8.94	0.00152	0.0233	0.000274	0.00021	0.000113	0.118	0.00000292	0.000285	0.000502	0.00136	0.000263
2094 Feb	0.000246	0.000934	0.102	0.00000831	2.15	3.08	0.0408	0.00073	8.94	0.00152	0.0233	0.000274	0.00021	0.000113	0.118	0.00000292	0.000285	0.000502	0.00136	0.000263
2094 Mar	0.000247	0.000935	0.102	0.00000832	2.15	3.08	0.0409	0.000731	8.95	0.00153	0.0234	0.000274	0.000211	0.000114	0.118	0.00000293	0.000285	0.000502	0.00137	0.000264
2094 Apr	0.000248	0.000938	0.103	0.00000835	2.16	3.09	0.041	0.000733	8.98	0.00153	0.0234	0.000275	0.000211	0.000114	0.118	0.00000294	0.000286	0.000504	0.00137	0.000265
2094 May	0.000267	0.00095	0.108	0.00000832	2.2	3.2	0.0446	0.000728	9.12	0.00156	0.0234	0.000307	0.000217	0.000117	0.122	0.00000294	0.000287	0.000541	0.00138	0.000266
2094 Jun	0.000294	0.00096	0.114	0.0000082	2.28	3.38	0.0501	0.000727	9.4	0.00161	0.0236	0.000356	0.00023	0.000124	0.129	0.00000297	0.000295	0.000599	0.00141	0.000277
2094 Jul	0.000306	0.00101	0.119	0.00000867	2.37	3.51	0.0519	0.000754	9.76	0.00168	0.0245	0.00037	0.000241	0.000128	0.134	0.00000311	0.000305	0.000625	0.00149	0.000286
2094 Aug	0.000319	0.00105	0.125	0.00000913	2.48	3.67	0.0541	0.000787	10.2	0.00176	0.0256	0.000386	0.000251	0.000134	0.14	0.00000325	0.000318	0.000651	0.00156	0.000298
2094 Sep	0.000312	0.00105	0.124	0.00000918	2.43	3.6	0.0525	0.00078	9.98	0.00173	0.0251	0.000372	0.000243	0.000131	0.137	0.00000321	0.00031	0.000634	0.00154	0.000287
2094 Oct	0.000297	0.00103	0.12	0.00000907	2.32	3.45	0.0494	0.000757	9.51	0.00166	0.0239	0.000347	0.000227	0.000124	0.132	0.00000309	0.000293	0.0006	0.00149	0.000267
2094 Nov	0.000283	0.00101	0.117	0.00000897	2.21	3.3	0.0463	0.000734	9.05	0.0016	0.0228	0.000323	0.000211	0.000117	0.126	0.00000298	0.000276	0.000567	0.00145	0.000247
2094 Dec	0.000282	0.00101	0.116	0.00000896	2.21	3.29	0.0461	0.000733	9.03	0.00159	0.0227	0.000321	0.00021	0.000116	0.126	0.00000297	0.000275	0.000565	0.00144	0.000246
2095 Jan	0.000282	0.00101	0.117	0.00000896	2.21	3.29	0.0461	0.000733	9.03	0.00159	0.0227	0.000321	0.00021	0.000116	0.126	0.00000297	0.000275	0.000565	0.00144	0.000246
2095 Feb	0.000282	0.00101	0.117	0.00000896	2.21	3.29	0.0461	0.000733	9.03	0.00159	0.0227	0.000321	0.00021	0.000117	0.126	0.00000297	0.000275	0.000565	0.00144	0.000246
2095 Mar	0.000282	0.00101	0.117	0.00000897	2.21	3.29	0.0461	0.000733	9.03	0.00159	0.0228	0.000322	0.000211	0.000117	0.126	0.00000298	0.000275	0.000566	0.00145	0.000246

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.000283	0.00102	0.117	0.00000901	2.22	3.3	0.0463	0.000736	9.07	0.0016	0.0229	0.000323	0.000212	0.000117	0.127	0.00000299	0.000276	0.000568	0.00145	0.000247
2095 May	0.000303	0.00103	0.122	0.00000898	2.24	3.41	0.05	0.000722	9.15	0.00162	0.0226	0.000358	0.000216	0.00012	0.13	0.00000297	0.000274	0.000607	0.00146	0.000245
2095 Jun	0.000326	0.00104	0.128	0.00000893	2.32	3.56	0.0546	0.000722	9.43	0.00167	0.0229	0.000398	0.000229	0.000125	0.136	0.000003	0.000282	0.000656	0.00149	0.000256
2095 Jul	0.000337	0.00109	0.133	0.0000094	2.41	3.7	0.0564	0.000748	9.78	0.00174	0.0238	0.000412	0.000238	0.00013	0.141	0.00000313	0.000292	0.00068	0.00157	0.000263
2095 Aug	0.000326	0.00107	0.131	0.00000945	2.34	3.59	0.0542	0.000728	9.49	0.00171	0.023	0.000395	0.000228	0.000126	0.137	0.00000308	0.00028	0.00065	0.00155	0.00025
2095 Sep	0.000318	0.00107	0.129	0.00000952	2.3	3.52	0.0526	0.000721	9.3	0.00168	0.0226	0.000381	0.000221	0.000124	0.135	0.00000305	0.000273	0.00063	0.00153	0.000241
2095 Oct	0.000315	0.00107	0.129	0.00000953	2.28	3.49	0.0519	0.000719	9.22	0.00167	0.0224	0.000375	0.000217	0.000122	0.134	0.00000304	0.00027	0.000623	0.00153	0.000237
2095 Nov	0.000306	0.00105	0.126	0.00000946	2.22	3.41	0.05	0.000708	8.98	0.00164	0.0218	0.00036	0.000209	0.000119	0.131	0.00000297	0.000261	0.000603	0.0015	0.000227
2095 Dec	0.000305	0.00105	0.126	0.00000946	2.22	3.4	0.0498	0.000707	8.95	0.00163	0.0218	0.000358	0.000208	0.000118	0.131	0.00000297	0.00026	0.000601	0.0015	0.000226
2096 Jan	0.000305	0.00105	0.126	0.00000946	2.22	3.4	0.0498	0.000707	8.96	0.00163	0.0218	0.000358	0.000208	0.000118	0.131	0.00000297	0.000261	0.000602	0.0015	0.000226
2096 Feb	0.000306	0.00105	0.126	0.00000946	2.22	3.4	0.0499	0.000708	8.96	0.00163	0.0218	0.000358	0.000208	0.000118	0.131	0.00000297	0.000261	0.000602	0.0015	0.000226
2096 Mar	0.000306	0.00106	0.126	0.00000947	2.22	3.4	0.0499	0.000708	8.97	0.00163	0.0218	0.000359	0.000208	0.000118	0.131	0.00000297	0.000261	0.000602	0.0015	0.000226
2096 Apr	0.000307	0.00106	0.127	0.00000951	2.23	3.42	0.0501	0.000711	9	0.00164	0.0219	0.00036	0.000209	0.000119	0.131	0.00000298	0.000262	0.000605	0.00151	0.000227
2096 May	0.000319	0.00107	0.13	0.00000954	2.26	3.49	0.0523	0.000708	9.1	0.00166	0.0219	0.00038	0.000213	0.000121	0.134	0.00000299	0.000262	0.000629	0.00152	0.000228
2096 Jun	0.000276	0.000945	0.11	0.00000839	2.26	3.29	0.0471	0.000738	9.18	0.0016	0.0225	0.000328	0.000234	0.000122	0.125	0.00000302	0.000297	0.000576	0.00144	0.000283
2096 Jul	0.000268	0.000953	0.108	0.00000857	2.33	3.33	0.0459	0.00078	9.51	0.00164	0.0237	0.000313	0.000246	0.000126	0.126	0.00000318	0.000316	0.000568	0.00149	0.000307
2096 Aug	0.000277	0.000992	0.112	0.00000895	2.41	3.44	0.0473	0.000808	9.83	0.0017	0.0245	0.000322	0.000253	0.00013	0.13	0.0000033	0.000326	0.000585	0.00154	0.000315
2096 Sep	0.000269	0.000986	0.111	0.00000898	2.35	3.35	0.0454	0.000793	9.54	0.00166	0.0237	0.000307	0.000241	0.000125	0.127	0.00000322	0.000314	0.000563	0.00152	0.000299
2096 Oct	0.000251	0.000965	0.107	0.00000886	2.2	3.16	0.0415	0.000761	8.92	0.00157	0.0223	0.000277	0.000218	0.000116	0.12	0.00000306	0.000289	0.000521	0.00145	0.00027
2096 Nov	0.000248	0.000964	0.106	0.00000885	2.18	3.13	0.0408	0.000761	8.86	0.00156	0.0221	0.000271	0.000215	0.000115	0.119	0.00000305	0.000287	0.000513	0.00144	0.000267
2096 Dec	0.000248	0.000964	0.106	0.00000886	2.19	3.14	0.0409	0.000761	8.87	0.00156	0.0221	0.000271	0.000215	0.000115	0.119	0.00000305	0.000287	0.000513	0.00144	0.000267
2097 Jan	0.000249	0.000964	0.106	0.00000886	2.19	3.14	0.0409	0.000761	8.87	0.00156	0.0222	0.000271	0.000215	0.000115	0.119	0.00000305	0.000287	0.000513	0.00144	0.000267
2097 Feb	0.000249	0.000964	0.106	0.00000886	2.19	3.14	0.0409	0.000761	8.87	0.00156	0.0222	0.000271	0.000215	0.000115	0.119	0.00000305	0.000287	0.000513	0.00144	0.000267
2097 Mar	0.000249	0.000965	0.106	0.00000886	2.19	3.14	0.0409	0.000762	8.87	0.00156	0.0222	0.000271	0.000215	0.000115	0.12	0.00000305	0.000288	0.000514	0.00144	0.000267
2097 Apr	0.00025	0.00097	0.107	0.00000891	2.2	3.15	0.0411	0.000766	8.92	0.00157	0.0223	0.000272	0.000216	0.000115	0.12	0.00000306	0.000289	0.000516	0.00145	0.000269
2097 May	0.000266	0.000992	0.112	0.00000904	2.23	3.25	0.0439	0.00076	9.02	0.0016	0.0223	0.000298	0.00022	0.000118	0.124	0.00000308	0.000288	0.000548	0.00148	0.000266
2097 Jun	0.000292	0.00099	0.117	0.0000088	2.29	3.4	0.0493	0.000751	9.24	0.00164	0.0223	0.000347	0.000233	0.000123	0.129	0.00000308	0.000293	0.000604	0.00149	0.000276
2097 Jul	0.000301	0.00103	0.122	0.00000923	2.37	3.51	0.0507	0.000777	9.56	0.0017	0.0231	0.000356	0.000243	0.000128	0.134	0.00000321	0.000303	0.000624	0.00156	0.000285
2097 Aug	0.000305	0.00105	0.124	0.00000952	2.41	3.57	0.0512	0.000789	9.7	0.00173	0.0235	0.00036	0.000245	0.00013	0.136	0.00000327	0.000307	0.00063	0.00159	0.000287
2097 Sep	0.000306	0.00107	0.125	0.00000965	2.42	3.59	0.0512	0.000795	9.74	0.00174	0.0236	0.000359	0.000245	0.00013	0.137	0.0000033	0.000307	0.00063	0.00161	0.000286
2097 Oct	0.0003	0.00106	0.124	0.00000963	2.38	3.53	0.05	0.000787	9.57	0.00172	0.0232	0.000349	0.000238	0.000127	0.134	0.00000325	0.0003	0.000617	0.00159	0.000278
2097 Nov	0.000297	0.00106	0.123	0.0000096	2.36	3.49	0.0492	0.000782	9.46	0.0017	0.0229	0.000344	0.000234	0.000126	0.133	0.00000322	0.000296	0.000609	0.00158	0.000273
2097 Dec	0.000297	0.00106	0.123	0.0000096	2.36	3.49	0.0492	0.000781	9.46	0.0017	0.0229	0.000343	0.000234	0.000126	0.133	0.00000322	0.000296	0.000609	0.00158	0.000273
2098 Jan	0.000297	0.00106	0.123	0.0000096	2.36	3.49	0.0492	0.000782	9.46	0.0017	0.0229	0.000343	0.000234	0.000126	0.133	0.00000322	0.000296	0.000609	0.00158	0.000273
2098 Feb	0.000297	0.00106	0.123	0.0000096	2.36	3.49	0.0492	0.000782	9.46	0.0017	0.0229	0.000343	0.000234	0.000126	0.133	0.00000322	0.000296	0.000609	0.00158	0.000273
2098 Mar	0.000297	0.00106	0.123	0.00000961	2.36	3.49	0.0492	0.000782	9.46	0.0017	0.0229	0.000344	0.000234	0.000126	0.133	0.00000323	0.000296	0.000609	0.00158	0.000273
2098 Apr	0.0003	0.00106	0.124	0.00000963	2.37	3.51	0.0497	0.000783	9.5	0.00171	0.023	0.000346	0.000235	0.000126	0.134	0.00000323	0.000297	0.000614	0.00158	0.000273
2098 May	0.000334	0.00108	0.134	0.00000962	2.38	3.66	0.0558	0.000745	9.47	0.00173	0.0223	0.000399	0.000237	0.000128	0.14	0.00000315	0.000284	0.000678	0.0016	0.000257
2098 Jun	0.000318	0.000995	0.122	0.00000856	2.38	3.58	0.0546	0.000766	9.54	0.00168	0.0223	0.00039	0.000244	0.00013	0.136	0.00000313	0.000305	0.000651	0.00147	0.000295
2098 Jul	0.000323	0.00103	0.125	0.00000896	2.48	3.7	0.0555	0.000805	9.94	0.00175	0.0234	0.000394	0.000256	0.000135	0.14	0.00000329	0.000321	0.000667	0.00155	0.000311
2098 Aug	0.000319	0.00104	0.125	0.00000914	2.46	3.66	0.0545	0.000801	9.85	0.00174	0.0231	0.000385	0.000251	0.000134	0.139	0.00000329	0.000315	0.000653	0.00155	0.000304
2098 Sep	0.000296	0.00101	0.119	0.00000898	2.33	3.45	0.0499	0.000775	9.3	0.00166	0.0219	0.000347	0.00023	0.000125	0.131	0.00000315	0.000296	0.000599	0.00148	0.000281
2098 Oct	0.00027	0.000978	0.11	0.00000865	2.3	3.33	0.0453	0.000809	9.22	0.00161	0.022	0.000304	0.00022	0.000122	0.126	0.00000314	0.000304	0.000541	0.0014	0.000293
2098 Nov	0.000263	0.000971	0.107	0.00000855	2.3	3.31	0.0441	0.000825	9.26	0.0016	0.0221	0.000292	0.000219	0.000122	0.126	0.00000316	0.000309	0.000525	0.00137	0.0003
2098 Dec	0.000264	0.000972	0.107	0.00000856	2.3	3.31	0.0441	0.000825	9.27	0.0016	0.0222	0.000292	0.000219	0.000122	0.126	0.00000316	0.000309	0.000525	0.00137	0.0003
2099 Jan	0.000264	0.000972	0.107	0.00000856	2.3	3.31	0.0441	0.000826	9.27	0.0016	0.0222	0.000292	0.000219	0.000122	0.126	0.00000316	0.000309	0.000525	0.00137	0.0003
2099 Feb	0.000264	0.000972	0.107	0.00000856	2.3	3.31	0.0441	0.000826	9.27	0.0016	0.0222	0.000292	0.000219	0.000122	0.126	0.00000316	0.000309	0.000525	0.00137	0.0003
2099 Mar	0.000264	0.000974	0.107	0.00000858	2.31	3.32	0.0442	0.000827	9.28	0.0016	0.0222	0.000293	0.000219	0.000122	0.126	0.00000317	0.00031	0.000526	0.00138	0.000301
2099 Apr	0.000269	0.000984	0.109	0.00000864	2.33	3.36	0.0451	0.000831	9.36	0.00162	0.0223	0.000297	0.000221	0.000123	0.127	0.00000319	0.000311	0.000536	0.00139	0.000302
2099 May	0.000338	0.00103	0.127	0.00000851	2.43	3.71	0.0577	0.000796	9.65	0.00169	0.0219	0.000381	0.000231	0.000129	0.141	0.00000314	0.000303	0.000662	0.0014	0.000293
2099 Jun	0.000328	0.001	0.123	0.00000829	2.45	3.67	0.0565	0.000813	9.69	0.00168	0.0221	0.000382	0.00024	0.000132	0.14	0.0000032	0.000314	0.000652	0.0014	0.000311
2099 Jul	0.000336	0.00104	0.127	0.0000087	2.52	3.78	0.0578	0.000837	9.97	0.00174	0.0229	0.000391	0.000249	0.000136	0.144	0.00000332	0.000323	0.00067	0.00147	0.00032
2099 Aug	0.000343	0.00107	0.131	0.00000908	2.58	3.87	0.0588	0.000859	10.2	0.00179	0.0234	0.000396	0.000253	0.000139	0.147	0.00000342	0.000329	0.000681	0.00152	0.000324
2099 Sep	0.000328	0.00105	0.127	0.00000904	2.48	3.72	0.0558	0.000833	9.8	0.00173	0.0225	0.000373	0.000238	0.000133	0.142	0.00000332	0.000313	0.000646	0.00148	0.000304
2099 Oct	0.000313	0.00103	0.123	0.00000894	2.39	3.57	0.0525	0.000813	9.41	0.00167	0.0217	0.000349	0.000225	0.000127	0.137	0.00000321	0.000299	0.000613	0.00144	0.000288
2099 Nov	0.000301	0.00102	0.119	0.00000881	2.35	3.5	0.0504	0.000816	9.3	0.00164	0.0215	0.000332	0.000219	0.000124	0.134	0.00000318	0.000298	0.000588	0.00141	0.000288
2099 Dec	0.000301	0.00102	0.119	0.00000881	2.35	3.5	0.0505	0.000816	9.3	0.00165	0.0215	0.000332	0.00022	0.000125	0.134	0.00000319	0.000298	0.000589	0.00141	0.000288
2100 Jan	0.000301	0.00102	0.119	0.00000881	2.35	3.5	0.0505	0.000816	9.3	0.00165	0.0215	0.000332	0.00022	0.000125	0.134	0.00000319	0.000298	0.000589	0.00141	0.000288
2100 Feb	0.000301	0.00102	0.119	0.00000881	2.35	3.5	0.0505	0.000816	9.3	0.00165	0.0215	0.000332	0.00022	0.000125	0.134	0.00000319	0.000298	0.000589	0.00141	0.000288
2100 Mar	0.000301	0.00102	0.119	0.00000882	2.36	3.5	0.0505	0.000817	9.3	0.00165	0.0215	0.000332	0.00022	0.000125	0.134	0.00000319	0.000299	0.000589	0.00141	0.000288
2100 Apr	0.000303	0.00102	0.12	0.00000887	2.37	3.52	0.0508	0.000821	9.36	0.00166	0.0217	0.000334	0.000221	0.000125	0.135	0.0000032	0.0003	0.000592	0.00142	0.00029
2100 May	0.000331	0.00104	0.128	0.00000892	2.39	3.65	0.0559	0.000794	9.4	0.00169	0.0213	0.000386	0.000227	0.000128	0.14	0.00000317	0.000293	0.000651	0.00145	0.00028
2100 Jun	0.000311	0.000967	0.117	0.00000818	2.4	3.55	0.0538	0.000816	9.39	0.00164	0.0214	0.000372	0.000239	0.000131	0.135	0.00000321	0.000312	0.000626	0.00139	0.000315
2100 Jul	0.000303	0.000968	0.116	0.00000832	2.42	3.53	0.0524	0.00083	9.44	0.00166	0.0217	0.000359	0.000245	0.000131	0.135	0.00000329	0.000318	0.000618	0.00143	0.000323
2100 Aug	0.000291	0.000959	0.113	0.00000838	2.37	3.43	0.0501	0.000818	9.22	0.00163	0.0212	0.00034	0.000235	0.000128	0.131	0.00000325	0.000309	0.000587	0.00141	0.000312
2100 Sep	0.000282	0.000953	0.11	0.00000841	2.35	3.38	0.0483	0.000827	9.16	0.00161	0.0211	0.000323	0.000229	0.000127	0.13	0.00000325	0.000309	0.000562	0.00139	0.000312
2100 Oct	0.000279	0.000955	0.11	0.00000842	2.35	3.37	0.0478	0.000832	9.16	0.00161	0.0211	0.000318	0.000228	0.000126	0.129	0.00000325	0.000309	0.000556	0.00138	0.000312

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2100 Nov	0.000279	0.000956	0.11	0.00000843	2.35	3.38	0.0477	0.000836	9.18	0.00161	0.0212	0.000317	0.000228	0.000127	0.129	0.00000326	0.000311	0.000555	0.00138	0.000314
2100 Dec	0.000279	0.000957	0.11	0.00000843	2.36	3.38	0.0477	0.000837	9.18	0.00161	0.0212	0.000317	0.000228	0.000127	0.129	0.00000326	0.000311	0.000556	0.00138	0.000314
2101 Jan	0.000279	0.000957	0.11	0.00000843	2.36	3.38	0.0477	0.000837	9.19	0.00161	0.0212	0.000317	0.000228	0.000127	0.129	0.00000326	0.000311	0.000556	0.00138	0.000314
2101 Feb	0.000279	0.000957	0.11	0.00000843	2.36	3.38	0.0477	0.000837	9.19	0.00161	0.0212	0.000317	0.000228	0.000127	0.129	0.00000326	0.000311	0.000556	0.00138	0.000314
2101 Mar	0.000279	0.000957	0.11	0.00000844	2.36	3.38	0.0478	0.000837	9.19	0.00161	0.0212	0.000317	0.000228	0.000127	0.13	0.00000326	0.000311	0.000556	0.00138	0.000314
2101 Apr	0.00028	0.000961	0.11	0.00000846	2.37	3.39	0.0479	0.00084	9.22	0.00162	0.0213	0.000318	0.000229	0.000127	0.13	0.00000327	0.000312	0.000558	0.00139	0.000315
2101 May	0.00031	0.000987	0.119	0.00000854	2.4	3.54	0.0532	0.000818	9.3	0.00166	0.021	0.000368	0.000234	0.00013	0.136	0.00000324	0.000306	0.000616	0.00142	0.000306
2101 Jun	0.000311	0.000962	0.117	0.00000819	2.42	3.56	0.0541	0.000829	9.36	0.00165	0.021	0.000377	0.000242	0.000133	0.136	0.00000327	0.000315	0.000627	0.0014	0.000323
2101 Jul	0.000319	0.000999	0.121	0.00000857	2.53	3.69	0.0555	0.000868	9.74	0.00172	0.0219	0.000385	0.000254	0.000138	0.141	0.00000343	0.00033	0.000647	0.00147	0.00034
2101 Aug	0.000329	0.00104	0.125	0.00000894	2.61	3.81	0.0572	0.000897	10.1	0.00178	0.0227	0.000397	0.000262	0.000143	0.145	0.00000355	0.00034	0.000666	0.00152	0.000349
2101 Sep	0.000316	0.00102	0.122	0.00000895	2.51	3.67	0.0543	0.000871	9.68	0.00173	0.0219	0.000374	0.000247	0.000137	0.141	0.00000345	0.000324	0.000633	0.00149	0.000328
2101 Oct	0.00031	0.00102	0.121	0.00000896	2.47	3.61	0.053	0.000862	9.53	0.00171	0.0215	0.000364	0.000241	0.000134	0.139	0.0000034	0.000317	0.000621	0.00148	0.000319
2101 Nov	0.0003	0.00101	0.119	0.00000888	2.4	3.51	0.0509	0.000842	9.23	0.00166	0.0209	0.000348	0.00023	0.000129	0.135	0.00000331	0.000305	0.000599	0.00145	0.000304
2101 Dec	0.0003	0.00101	0.119	0.00000888	2.39	3.5	0.0508	0.000841	9.21	0.00166	0.0209	0.000347	0.00023	0.000129	0.135	0.00000331	0.000305	0.000597	0.00145	0.000303
2102 Jan	0.0003	0.00101	0.119	0.00000888	2.39	3.5	0.0508	0.000841	9.21	0.00166	0.0209	0.000347	0.00023	0.000129	0.135	0.00000331	0.000305	0.000597	0.00145	0.000303
2102 Feb	0.0003	0.00101	0.119	0.00000888	2.39	3.5	0.0508	0.000841	9.22	0.00166	0.0209	0.000347	0.00023	0.000129	0.135	0.00000331	0.000305	0.000597	0.00145	0.000303
2102 Mar	0.0003	0.00101	0.119	0.00000889	2.39	3.5	0.0508	0.000841	9.22	0.00166	0.0209	0.000347	0.00023	0.000129	0.135	0.00000331	0.000305	0.000598	0.00145	0.000303
2102 Apr	0.000301	0.00101	0.119	0.00000891	2.4	3.51	0.0509	0.000843	9.24	0.00166	0.021	0.000348	0.00023	0.000129	0.135	0.00000332	0.000306	0.000599	0.00145	0.000304
2102 May	0.000304	0.00102	0.121	0.00000902	2.43	3.56	0.0516	0.000854	9.36	0.00168	0.0212	0.000352	0.000233	0.000131	0.137	0.00000336	0.000309	0.000606	0.00147	0.000308
2102 Jun	0.000252	0.00091	0.104	0.00000855	2.26	3.16	0.0435	0.000805	8.61	0.00157	0.0201	0.000285	0.000239	0.000121	0.121	0.00000326	0.000301	0.000547	0.00148	0.000307
2102 Jul	0.000232	0.000883	0.0974	0.00000845	2.28	3.1	0.0406	0.000835	8.68	0.00156	0.0205	0.000256	0.000249	0.000122	0.118	0.00000337	0.000317	0.000521	0.00149	0.000332
2102 Aug	0.000235	0.000904	0.0994	0.00000872	2.31	3.13	0.0408	0.000844	8.76	0.00159	0.0207	0.000257	0.000249	0.000123	0.12	0.00000341	0.000318	0.000522	0.00152	0.000331
2102 Sep	0.000232	0.000909	0.0995	0.00000882	2.28	3.1	0.04	0.000839	8.67	0.00158	0.0205	0.000251	0.000244	0.000122	0.119	0.00000339	0.000312	0.000513	0.00151	0.000322
2102 Oct	0.000222	0.000893	0.0969	0.00000867	2.18	2.97	0.0376	0.00081	8.27	0.00152	0.0196	0.000233	0.000227	0.000115	0.114	0.00000325	0.000295	0.000484	0.00146	0.0003
2102 Nov	0.000222	0.000895	0.0971	0.00000869	2.18	2.98	0.0376	0.000812	8.28	0.00152	0.0196	0.000233	0.000227	0.000115	0.114	0.00000325	0.000295	0.000485	0.00146	0.0003
2102 Dec	0.000222	0.000896	0.0971	0.0000087	2.18	2.98	0.0376	0.000812	8.29	0.00152	0.0196	0.000233	0.000227	0.000115	0.114	0.00000326	0.000295	0.000485	0.00146	0.0003
2103 Jan	0.000222	0.000896	0.0971	0.0000087	2.18	2.98	0.0376	0.000812	8.29	0.00152	0.0196	0.000233	0.000227	0.000115	0.114	0.00000326	0.000295	0.000485	0.00146	0.0003
2103 Feb	0.000222	0.000896	0.0971	0.0000087	2.18	2.98	0.0376	0.000812	8.29	0.00152	0.0196	0.000233	0.000227	0.000115	0.114	0.00000326	0.000295	0.000485	0.00146	0.0003
2103 Mar	0.000222	0.000897	0.0972	0.00000871	2.18	2.98	0.0376	0.000813	8.3	0.00152	0.0196	0.000233	0.000227	0.000115	0.115	0.00000326	0.000296	0.000485	0.00146	0.000301
2103 Apr	0.000223	0.0009	0.0976	0.00000874	2.19	2.99	0.0378	0.000816	8.32	0.00153	0.0197	0.000234	0.000228	0.000116	0.115	0.00000327	0.000297	0.000487	0.00147	0.000302
2103 May	0.000254	0.00093	0.106	0.0000088	2.25	3.17	0.0432	0.000807	8.53	0.00157	0.0197	0.000284	0.000233	0.00012	0.122	0.00000327	0.000295	0.000543	0.00149	0.000299
2103 Jun	0.000274	0.000909	0.107	0.00000816	2.34	3.32	0.048	0.000836	8.84	0.00159	0.0198	0.000326	0.000245	0.000128	0.127	0.00000331	0.000314	0.00058	0.00142	0.00033
2103 Jul	0.000264	0.000912	0.105	0.00000833	2.37	3.3	0.0463	0.000857	8.91	0.0016	0.0202	0.000309	0.000249	0.000128	0.126	0.00000341	0.000322	0.000564	0.00145	0.000341
2103 Aug	0.000251	0.000913	0.104	0.00000848	2.3	3.19	0.0436	0.000835	8.66	0.00157	0.0197	0.00029	0.000237	0.000124	0.122	0.00000336	0.000311	0.000524	0.00143	0.000327
2103 Sep	0.000239	0.000904	0.0997	0.00000836	2.27	3.12	0.0412	0.000851	8.57	0.00154	0.0195	0.000266	0.000228	0.000122	0.12	0.00000334	0.000311	0.000493	0.00138	0.000327
2103 Oct	0.000221	0.000886	0.0929	0.00000807	2.26	3.05	0.0379	0.000894	8.54	0.0015	0.0195	0.000233	0.000218	0.00012	0.117	0.00000335	0.000319	0.000449	0.00129	0.00034
2103 Nov	0.000218	0.000883	0.0915	0.00000801	2.26	3.04	0.0372	0.000905	8.55	0.0015	0.0196	0.000226	0.000216	0.00012	0.116	0.00000336	0.000322	0.00044	0.00128	0.000343
2103 Dec	0.000218	0.000883	0.0915	0.00000801	2.26	3.04	0.0372	0.000905	8.55	0.0015	0.0196	0.000226	0.000216	0.00012	0.116	0.00000336	0.000322	0.00044	0.00128	0.000344
2104 Jan	0.000218	0.000883	0.0915	0.00000801	2.26	3.04	0.0372	0.000905	8.55	0.0015	0.0196	0.000226	0.000216	0.00012	0.116	0.00000336	0.000322	0.00044	0.00128	0.000344
2104 Feb	0.000218	0.000883	0.0915	0.00000801	2.27	3.04	0.0372	0.000905	8.55	0.0015	0.0196	0.000226	0.000216	0.00012	0.116	0.00000336	0.000322	0.00044	0.00128	0.000344
2104 Mar	0.000218	0.000884	0.0916	0.00000802	2.27	3.04	0.0372	0.000906	8.56	0.0015	0.0196	0.000226	0.000216	0.00012	0.117	0.00000337	0.000322	0.00044	0.00128	0.000344
2104 Apr	0.000219	0.000889	0.0921	0.00000806	2.28	3.06	0.0374	0.000911	8.61	0.00151	0.0197	0.000227	0.000217	0.00012	0.117	0.00000338	0.000324	0.000443	0.00129	0.000346
2104 May	0.00026	0.000925	0.104	0.00000821	2.32	3.26	0.0447	0.000877	8.73	0.00156	0.0194	0.000296	0.000225	0.000125	0.125	0.00000335	0.000314	0.000524	0.00134	0.000332
2104 Jun	0.000267	0.00089	0.103	0.00000777	2.36	3.3	0.047	0.000886	8.77	0.00156	0.0193	0.000316	0.000237	0.000129	0.126	0.00000339	0.000323	0.000549	0.00132	0.000352
2104 Jul	0.000266	0.000907	0.104	0.00000804	2.4	3.32	0.0467	0.000901	8.88	0.00159	0.0197	0.000312	0.000243	0.00013	0.128	0.00000348	0.000328	0.00055	0.00137	0.000358
2104 Aug	0.000265	0.000921	0.105	0.00000827	2.4	3.32	0.0464	0.0009	8.88	0.0016	0.0197	0.000309	0.000241	0.00013	0.128	0.00000349	0.000326	0.000545	0.00139	0.000353
2104 Sep	0.000254	0.000909	0.103	0.00000827	2.32	3.21	0.044	0.000881	8.6	0.00156	0.0191	0.00029	0.000228	0.000125	0.124	0.00000341	0.000313	0.000516	0.00136	0.000336
2104 Oct	0.000239	0.000896	0.0977	0.00000811	2.29	3.14	0.0411	0.000899	8.51	0.00152	0.019	0.000263	0.00022	0.000123	0.121	0.00000339	0.000315	0.000481	0.00131	0.000339
2104 Nov	0.000235	0.000893	0.0963	0.00000806	2.3	3.12	0.0404	0.00091	8.52	0.00152	0.019	0.000255	0.000218	0.000123	0.12	0.0000034	0.000318	0.000472	0.00129	0.000343
2104 Dec	0.000235	0.000893	0.0963	0.00000807	2.3	3.13	0.0404	0.00091	8.52	0.00152	0.019	0.000255	0.000218	0.000123	0.12	0.0000034	0.000318	0.000472	0.00129	0.000344
2105 Jan	0.000235	0.000893	0.0963	0.00000807	2.3	3.13	0.0404	0.00091	8.52	0.00152	0.019	0.000255	0.000218	0.000123	0.12	0.0000034	0.000318	0.000472	0.00129	0.000344
2105 Feb	0.000235	0.000894	0.0963	0.00000807	2.3	3.13	0.0404	0.00091	8.52	0.00152	0.019	0.000255	0.000218	0.000123	0.12	0.0000034	0.000318	0.000472	0.00129	0.000344
2105 Mar	0.000235	0.000894	0.0964	0.00000807	2.3	3.13	0.0404	0.00091	8.52	0.00152	0.019	0.000255	0.000218	0.000123	0.12	0.0000034	0.000318	0.000472	0.00129	0.000344
2105 Apr	0.000236	0.000897	0.0966	0.00000809	2.3	3.14	0.0406	0.000913	8.55	0.00152	0.0191	0.000256	0.000219	0.000123	0.121	0.00000341	0.000319	0.000473	0.0013	0.000345
2105 May	0.000268	0.000924	0.106	0.00000818	2.34	3.3	0.0463	0.000888	8.67	0.00156	0.0189	0.00031	0.000225	0.000127	0.127	0.00000338	0.000313	0.000537	0.00133	0.000336
2105 Jun	0.000289	0.000933	0.111	0.00000812	2.4	3.43	0.0504	0.00089	8.85	0.0016	0.0189	0.000347	0.000236	0.000131	0.132	0.00000342	0.000318	0.000583	0.00136	0.000344
2105 Jul	0.000293	0.00096	0.114	0.00000844	2.44	3.48	0.051	0.000899	8.98	0.00164	0.0193	0.000352	0.00024	0.000133	0.134	0.00000349	0.000321	0.000592	0.00141	0.000346
2105 Aug	0.000273	0.000935	0.109	0.0000084	2.35	3.32	0.0471	0.000876	8.63	0.00158	0.0186	0.00032	0.000226	0.000128	0.128	0.0000034	0.000308	0.000542	0.00136	0.000331
2105 Sep	0.000241	0.000896	0.0973	0.00000807	2.33	3.17	0.0416	0.000924	8.56	0.00153	0.0185	0.000266	0.000216	0.000125	0.122	0.00000343	0.00032	0.00047	0.00127	0.00035
2105 Oct	0.000226	0.00088	0.0919	0.00000786	2.32	3.11	0.0389	0.000956	8.54	0.0015	0.0186	0.000239	0.000212	0.000124	0.12	0.00000346	0.000329	0.000438	0.00122	0.000363
2105 Nov	0.00022	0.000875	0.09	0.00000779	2.32	3.09	0.038	0.000968	8.53	0.0015	0.0186	0.000229	0.00021	0.000123	0.119	0.00000347	0.000331	0.000426	0.00121	0.000367
2105 Dec	0.00022	0.000875	0.09	0.00000779	2.32	3.09	0.038	0.000968	8.53	0.0015	0.0186	0.000229	0.00021	0.000123	0.119	0.00000347	0.000331	0.000426	0.00121	0.000367
2106 Jan	0.00022	0.000875	0.09	0.00000779	2.32	3.09	0.038	0.000968	8.54	0.0015	0.0186	0.000229	0.00021	0.000123	0.119	0.00000347	0.000331	0.000427	0.00121	0.000367
2106 Feb	0.00022	0.000875	0.09	0.00000779	2.32	3.09	0.038	0.000968	8.54	0.0015	0.0186	0.000229	0.00021	0.000123	0.119	0.00000347	0.000332	0.000427	0.00121	0.000367
2106 Mar	0.00022	0.000875	0.0901	0.0000078	2.32	3.09	0.038	0.000968	8.54	0.0015	0.0186	0.00023	0.00021	0.000124	0.119	0.00000348	0.000332	0.000427	0.00121	0.000368
2106 Apr	0.000221	0.000879	0.0904	0.00000783	2.33	3.1	0.0382	0.000972	8.57	0.0015	0.0187	0.00023	0.000211	0.000124	0.119	0.00000349	0.000333	0.000428	0.00121	0.000369
2106 May	0.000237	0.0009	0.0957	0.00000798	2.36	3.19	0.0409	0.000963	8.66	0.00153	0.0187	0.000255	0.000215	0.000126	0.123	0.00000349	0.00033	0.00046	0.00124	0.000364

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Jun	0.000248	0.000867	0.0972	0.00000773	2.35	3.2	0.0438	0.000931	8.51	0.00153	0.0182	0.000285	0.000232	0.000128	0.123	0.00000349	0.000327	0.000509	0.00129	0.000368
2106 Jul	0.00024	0.000877	0.0965	0.00000802	2.4	3.21	0.0427	0.000958	8.63	0.00156	0.0187	0.000272	0.000242	0.00013	0.123	0.00000363	0.000338	0.000504	0.00135	0.000382
2106 Aug	0.000232	0.000879	0.096	0.00000819	2.33	3.11	0.0407	0.000925	8.37	0.00153	0.0182	0.000259	0.00023	0.000126	0.12	0.00000355	0.000322	0.000477	0.00135	0.000361
2106 Sep	0.000218	0.000863	0.0913	0.00000808	2.28	3.02	0.0379	0.000932	8.21	0.00149	0.0178	0.000233	0.000218	0.000122	0.117	0.0000035	0.000319	0.000438	0.00129	0.000357
2106 Oct	0.000213	0.000861	0.0893	0.000008	2.29	3.01	0.0369	0.000952	8.24	0.00149	0.0179	0.000222	0.000215	0.000122	0.116	0.00000352	0.000323	0.000424	0.00126	0.000363
2106 Nov	0.000213	0.000863	0.0895	0.00000801	2.29	3.01	0.0369	0.000955	8.26	0.00149	0.018	0.000222	0.000215	0.000122	0.116	0.00000353	0.000324	0.000425	0.00126	0.000364
2106 Dec	0.000213	0.000863	0.0895	0.00000802	2.29	3.02	0.037	0.000955	8.26	0.00149	0.018	0.000222	0.000215	0.000122	0.116	0.00000353	0.000324	0.000425	0.00126	0.000365
2107 Jan	0.000213	0.000863	0.0895	0.00000802	2.29	3.02	0.037	0.000955	8.26	0.00149	0.018	0.000222	0.000215	0.000122	0.116	0.00000353	0.000324	0.000425	0.00127	0.000365
2107 Feb	0.000213	0.000864	0.0895	0.00000802	2.29	3.02	0.037	0.000955	8.27	0.00149	0.018	0.000222	0.000215	0.000122	0.117	0.00000353	0.000324	0.000425	0.00127	0.000365
2107 Mar	0.000213	0.000864	0.0896	0.00000803	2.29	3.02	0.037	0.000956	8.27	0.00149	0.018	0.000223	0.000216	0.000123	0.117	0.00000353	0.000325	0.000425	0.00127	0.000365
2107 Apr	0.000214	0.000866	0.0898	0.00000804	2.3	3.03	0.0371	0.000958	8.29	0.00149	0.018	0.000223	0.000216	0.000123	0.117	0.00000354	0.000325	0.000426	0.00127	0.000366
2107 May	0.000232	0.000883	0.0951	0.00000808	2.33	3.13	0.0404	0.000949	8.39	0.00152	0.018	0.000254	0.00022	0.000125	0.121	0.00000353	0.000324	0.000463	0.00129	0.000363
2107 Jun	0.000265	0.000897	0.104	0.000008	2.39	3.31	0.0468	0.000933	8.56	0.00156	0.0179	0.000313	0.000233	0.000131	0.127	0.00000353	0.000324	0.000537	0.00132	0.000365
2107 Jul	0.000264	0.000911	0.105	0.00000826	2.37	3.28	0.0462	0.000919	8.49	0.00157	0.0178	0.00031	0.000233	0.000129	0.127	0.00000354	0.000318	0.000534	0.00136	0.000357
2107 Aug	0.000268	0.000938	0.108	0.00000856	2.42	3.34	0.0468	0.000933	8.64	0.0016	0.0182	0.000314	0.000236	0.000132	0.129	0.00000361	0.000322	0.00054	0.0014	0.000359
2107 Sep	0.000265	0.000944	0.108	0.00000866	2.38	3.31	0.0457	0.000925	8.54	0.00159	0.018	0.000305	0.00023	0.000129	0.128	0.00000358	0.000316	0.000531	0.0014	0.000349
2107 Oct	0.000257	0.000938	0.107	0.00000863	2.33	3.23	0.044	0.00091	8.34	0.00156	0.0177	0.000292	0.000221	0.000125	0.125	0.0000035	0.000307	0.000513	0.00137	0.000336
2107 Nov	0.000255	0.000936	0.106	0.00000861	2.31	3.21	0.0435	0.000908	8.29	0.00155	0.0176	0.000287	0.000218	0.000124	0.124	0.00000349	0.000305	0.000507	0.00136	0.000333
2107 Dec	0.000255	0.000936	0.106	0.00000862	2.31	3.21	0.0435	0.000908	8.29	0.00155	0.0176	0.000287	0.000218	0.000124	0.124	0.00000349	0.000305	0.000507	0.00136	0.000333
2108 Jan	0.000255	0.000936	0.106	0.00000862	2.31	3.21	0.0435	0.000909	8.3	0.00155	0.0176	0.000287	0.000218	0.000124	0.124	0.00000349	0.000305	0.000508	0.00136	0.000334
2108 Feb	0.000255	0.000936	0.106	0.00000862	2.31	3.21	0.0435	0.000909	8.3	0.00155	0.0176	0.000287	0.000218	0.000124	0.124	0.00000349	0.000305	0.000508	0.00136	0.000334
2108 Mar	0.000255	0.000937	0.106	0.00000863	2.31	3.22	0.0435	0.000909	8.3	0.00155	0.0177	0.000287	0.000219	0.000124	0.124	0.00000349	0.000305	0.000508	0.00137	0.000334
2108 Apr	0.000257	0.000944	0.107	0.00000869	2.33	3.24	0.0439	0.000916	8.37	0.00157	0.0178	0.00029	0.00022	0.000125	0.125	0.00000352	0.000307	0.000512	0.00138	0.000336
2108 May	0.000264	0.000963	0.11	0.00000884	2.37	3.31	0.0451	0.000928	8.51	0.00159	0.0181	0.000298	0.000224	0.000127	0.128	0.00000357	0.000311	0.000526	0.0014	0.00034
2108 Jun	0.000254	0.000912	0.106	0.00000866	2.27	3.16	0.0438	0.000868	8.1	0.00155	0.0172	0.000292	0.000232	0.000123	0.122	0.00000345	0.000298	0.000536	0.00144	0.000327
2108 Jul	0.000256	0.000937	0.108	0.00000902	2.35	3.24	0.0443	0.000899	8.34	0.0016	0.0179	0.000292	0.000243	0.000127	0.125	0.0000036	0.00031	0.00055	0.00152	0.000341
2108 Aug	0.000265	0.000977	0.113	0.00000944	2.43	3.35	0.0458	0.000931	8.64	0.00166	0.0185	0.000301	0.000251	0.000131	0.13	0.00000373	0.00032	0.000567	0.00158	0.00035
2108 Sep	0.000263	0.000981	0.113	0.00000952	2.42	3.33	0.0451	0.000927	8.58	0.00165	0.0184	0.000296	0.000247	0.00013	0.129	0.00000371	0.000316	0.00056	0.00158	0.000344
2108 Oct	0.000244	0.000953	0.108	0.00000927	2.24	3.11	0.0409	0.000871	7.98	0.00155	0.0173	0.000265	0.000221	0.000119	0.121	0.00000346	0.000288	0.000514	0.00149	0.000306
2108 Nov	0.000242	0.000951	0.107	0.00000926	2.21	3.08	0.0402	0.000864	7.89	0.00154	0.0172	0.00026	0.000217	0.000117	0.12	0.00000343	0.000283	0.000507	0.00148	0.0003
2108 Dec	0.000242	0.000951	0.107	0.00000927	2.21	3.08	0.0403	0.000864	7.9	0.00154	0.0172	0.00026	0.000217	0.000117	0.12	0.00000343	0.000284	0.000507	0.00148	0.0003
2109 Jan	0.000242	0.000951	0.107	0.00000927	2.22	3.08	0.0403	0.000864	7.9	0.00154	0.0172	0.00026	0.000217	0.000117	0.12	0.00000343	0.000284	0.000507	0.00148	0.0003
2109 Feb	0.000242	0.000951	0.107	0.00000927	2.22	3.08	0.0403	0.000864	7.9	0.00154	0.0172	0.00026	0.000217	0.000117	0.12	0.00000343	0.000284	0.000508	0.00148	0.0003
2109 Mar	0.000242	0.000952	0.107	0.00000928	2.22	3.09	0.0403	0.000865	7.91	0.00154	0.0172	0.00026	0.000217	0.000117	0.12	0.00000344	0.000284	0.000508	0.00148	0.0003
2109 Apr	0.000243	0.000957	0.108	0.00000933	2.23	3.1	0.0405	0.00087	7.95	0.00155	0.0173	0.000262	0.000218	0.000118	0.12	0.00000345	0.000285	0.000511	0.00149	0.000302
2109 May	0.000269	0.000975	0.114	0.00000928	2.29	3.26	0.0452	0.000867	8.16	0.00159	0.0173	0.000304	0.000225	0.000122	0.126	0.00000346	0.000288	0.000558	0.0015	0.000305
2109 Jun	0.0003	0.000987	0.121	0.00000905	2.4	3.49	0.0516	0.000886	8.58	0.00165	0.0175	0.00036	0.000239	0.000131	0.134	0.00000352	0.000303	0.000619	0.0015	0.000328
2109 Jul	0.0003	0.001	0.123	0.00000932	2.4	3.49	0.0513	0.000879	8.57	0.00166	0.0176	0.000358	0.00024	0.000131	0.134	0.00000355	0.0003	0.000619	0.00154	0.000323
2109 Aug	0.000301	0.00103	0.125	0.00000962	2.42	3.51	0.0514	0.000882	8.64	0.00168	0.0178	0.000359	0.000241	0.000131	0.135	0.00000359	0.0003	0.000618	0.00157	0.00032
2109 Sep	0.00029	0.00101	0.122	0.00000954	2.36	3.41	0.0489	0.000871	8.43	0.00164	0.0174	0.000339	0.00023	0.000127	0.131	0.00000352	0.000292	0.000589	0.00153	0.000309
2109 Oct	0.000259	0.000971	0.11	0.00000902	2.34	3.29	0.0438	0.000924	8.39	0.00159	0.0174	0.000287	0.000219	0.000125	0.126	0.00000353	0.000307	0.00052	0.00141	0.000333
2109 Nov	0.000258	0.000971	0.109	0.00000901	2.35	3.29	0.0435	0.000934	8.43	0.00159	0.0175	0.000284	0.00022	0.000125	0.126	0.00000355	0.00031	0.000516	0.00141	0.000337
2109 Dec	0.000258	0.000971	0.109	0.00000901	2.35	3.29	0.0435	0.000934	8.43	0.00159	0.0175	0.000284	0.00022	0.000125	0.126	0.00000355	0.00031	0.000516	0.00141	0.000338
2110 Jan	0.000258	0.000971	0.109	0.00000901	2.35	3.29	0.0435	0.000934	8.43	0.00159	0.0175	0.000284	0.00022	0.000125	0.126	0.00000355	0.00031	0.000516	0.00141	0.000338
2110 Feb	0.000258	0.000972	0.109	0.00000902	2.35	3.29	0.0435	0.000934	8.44	0.00159	0.0175	0.000284	0.00022	0.000125	0.126	0.00000355	0.00031	0.000516	0.00141	0.000338
2110 Mar	0.000258	0.000972	0.109	0.00000902	2.35	3.29	0.0436	0.000935	8.44	0.00159	0.0175	0.000284	0.00022	0.000125	0.126	0.00000355	0.00031	0.000517	0.00141	0.000338
2110 Apr	0.000259	0.000975	0.11	0.00000905	2.36	3.3	0.0437	0.000938	8.47	0.0016	0.0175	0.000285	0.000221	0.000126	0.127	0.00000356	0.000311	0.000518	0.00141	0.000339
2110 May	0.000268	0.000988	0.113	0.00000912	2.38	3.37	0.0454	0.000939	8.56	0.00162	0.0176	0.000301	0.000224	0.000128	0.129	0.00000358	0.000312	0.000538	0.00143	0.00034
2110 Jun	0.00028	0.000945	0.111	0.00000855	2.45	3.45	0.049	0.000959	8.71	0.00163	0.0176	0.00033	0.000243	0.000134	0.132	0.00000366	0.000328	0.000575	0.00142	0.000372
2110 Jul	0.000276	0.000956	0.112	0.0000088	2.47	3.45	0.0483	0.000968	8.76	0.00165	0.0178	0.000323	0.000248	0.000135	0.132	0.00000373	0.000331	0.000573	0.00146	0.000376
2110 Aug	0.000241	0.000916	0.101	0.00000856	2.4	3.24	0.0422	0.000982	8.48	0.00157	0.0173	0.000269	0.00023	0.00013	0.124	0.00000372	0.00033	0.000482	0.00136	0.000381
2110 Sep	0.00022	0.000892	0.0925	0.00000824	2.39	3.16	0.0385	0.00104	8.44	0.00153	0.0174	0.00023	0.00022	0.000129	0.121	0.00000377	0.000339	0.000431	0.00127	0.000398
2110 Oct	0.000205	0.000878	0.087	0.000008	2.39	3.09	0.0355	0.00108	8.37	0.0015	0.0174	0.0002	0.000212	0.000127	0.119	0.00000381	0.000346	0.000395	0.00121	0.000411
2110 Nov	0.000202	0.000874	0.0858	0.00000794	2.39	3.08	0.0351	0.00109	8.36	0.00149	0.0174	0.000196	0.000211	0.000127	0.118	0.00000382	0.000348	0.000389	0.00119	0.000414
2110 Dec	0.000202	0.000874	0.0858	0.00000794	2.39	3.08	0.0351	0.00109	8.36	0.00149	0.0174	0.000196	0.000211	0.000127	0.118	0.00000383	0.000348	0.000389	0.0012	0.000415
2111 Jan	0.000202	0.000874	0.0859	0.00000794	2.39	3.08	0.0351	0.00109	8.36	0.00149	0.0174	0.000196	0.000211	0.000127	0.118	0.00000383	0.000348	0.000389	0.0012	0.000415
2111 Feb	0.000202	0.000874	0.0859	0.00000794	2.39	3.08	0.0351	0.00109	8.36	0.00149	0.0174	0.000196	0.000211	0.000127	0.118	0.00000383	0.000348	0.000389	0.0012	0.000415
2111 Mar	0.000203	0.000876	0.086	0.00000795	2.39	3.08	0.0351	0.00109	8.38	0.0015	0.0174	0.000196	0.000212	0.000127	0.119	0.00000383	0.000349	0.00039	0.0012	0.000415
2111 Apr	0.000204	0.000881	0.0865	0.000008	2.41	3.1	0.0353	0.0011	8.42	0.0015	0.0175	0.000197	0.000213	0.000128	0.119	0.00000385	0.000351	0.000392	0.0012	0.000418
2111 May	0.000225	0.000904	0.0933	0.00000814	2.44	3.22	0.0391	0.00109	8.53	0.00154	0.0175	0.000232	0.000218	0.00013	0.124	0.00000385	0.000347	0.000436	0.00124	0.000411
2111 Jun	0.00027	0.000914	0.105	0.00000807	2.47	3.39	0.0476	0.00103	8.53	0.00158	0.0171	0.000314	0.000234	0.000135	0.131	0.00000379	0.000334	0.000539	0.00131	0.000398
2111 Jul	0.000277	0.000949	0.109	0.00000848	2.55	3.49	0.0488	0.00105	8.78	0.00163	0.0177	0.000322	0.000244	0.000139	0.135	0.00000393	0.000343	0.000558	0.00138	0.000408
2111 Aug	0.00026	0.000931	0.106	0.00000852	2.43	3.32	0.0453	0.00101	8.39	0.00158	0.017	0.000297	0.000228	0.000132	0.129	0.00000379	0.000323	0.000514	0.00135	0.000381
2111 Sep	0.000246	0.000917	0.101	0.00000848	2.39	3.24	0.0428	0.00101	8.26	0.00155	0.0167	0.000272	0.000219	0.00013	0.126	0.00000377	0.000321	0.00048	0.00132	0.000378
2111 Oct	0.000229	0.000893	0.0947	0.00000818	2.39	3.16	0.0398	0.00105	8.23	0.00152	0.0167	0.000242	0.000215	0.000129	0.123	0.0000038	0.00033	0.000442	0.00125	0.000395
2111 Nov	0.000218	0.000882	0.0909	0.00000803	2.38	3.12	0.0379	0.00107	8.2	0.0015	0.0167	0.000224	0.000211	0.000128	0.121	0.00000382	0.000336	0.000419	0.00122	0.000404
2111 Dec	0.000218	0.000882	0.0909	0.00000803	2.38	3.12	0.0379	0.00108	8.2	0.0015	0.0167	0.000223	0.000211	0.000128	0.121	0.00000382	0.000336	0.000419	0.00122	0.000405

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2112 Jan	0.000218	0.000882	0.0909	0.00000803	2.39	3.12	0.0379	0.00108	8.2	0.0015	0.0167	0.000223	0.000211	0.000128	0.121	0.00000382	0.000336	0.000419	0.00122	0.000405
2112 Feb	0.000218	0.000882	0.0909	0.00000804	2.39	3.12	0.0379	0.00108	8.2	0.0015	0.0168	0.000223	0.000211	0.000128	0.121	0.00000383	0.000336	0.000419	0.00122	0.000405
2112 Mar	0.000219	0.000884	0.0911	0.00000805	2.39	3.13	0.038	0.00108	8.22	0.0015	0.0168	0.000224	0.000212	0.000128	0.121	0.00000383	0.000337	0.00042	0.00122	0.000405
2112 Apr	0.00022	0.000888	0.0915	0.00000809	2.4	3.14	0.0381	0.00108	8.26	0.00151	0.0169	0.000225	0.000213	0.000129	0.122	0.00000385	0.000338	0.000422	0.00123	0.000407
2112 May	0.000247	0.000914	0.0996	0.00000819	2.44	3.28	0.043	0.00106	8.39	0.00155	0.0169	0.00027	0.000219	0.000132	0.127	0.00000384	0.000334	0.000477	0.00126	0.000401
2112 Jun	0.000254	0.00086	0.0978	0.00000762	2.46	3.29	0.0458	0.00106	8.29	0.00153	0.0163	0.000296	0.000237	0.000136	0.128	0.00000388	0.00034	0.000513	0.00126	0.000424
2112 Jul	0.000243	0.000859	0.0957	0.00000782	2.48	3.25	0.0439	0.00108	8.28	0.00154	0.0166	0.000277	0.000243	0.000136	0.126	0.00000398	0.000346	0.000501	0.00131	0.000433
2112 Aug	0.000246	0.000881	0.0978	0.0000081	2.51	3.3	0.0442	0.00109	8.39	0.00157	0.0168	0.000278	0.000244	0.000137	0.128	0.00000404	0.000348	0.000504	0.00134	0.000433
2112 Sep	0.00024	0.000879	0.097	0.00000818	2.45	3.22	0.0427	0.00107	8.2	0.00154	0.0165	0.000267	0.000235	0.000134	0.126	0.00000395	0.000336	0.000487	0.00133	0.000415
2112 Oct	0.000234	0.000876	0.0958	0.00000815	2.41	3.17	0.0414	0.00105	8.08	0.00152	0.0163	0.000257	0.000228	0.000131	0.124	0.00000389	0.00033	0.000474	0.00131	0.000405
2112 Nov	0.000234	0.000877	0.0956	0.00000815	2.41	3.17	0.0413	0.00106	8.08	0.00152	0.0163	0.000255	0.000227	0.000131	0.123	0.00000389	0.00033	0.000472	0.0013	0.000406
2112 Dec	0.000234	0.000877	0.0956	0.00000816	2.41	3.17	0.0413	0.00106	8.09	0.00152	0.0163	0.000255	0.000227	0.000131	0.123	0.00000389	0.00033	0.000472	0.00131	0.000406
2113 Jan	0.000234	0.000877	0.0956	0.00000816	2.41	3.17	0.0413	0.00106	8.09	0.00152	0.0163	0.000255	0.000227	0.000131	0.123	0.00000389	0.00033	0.000472	0.00131	0.000406
2113 Feb	0.000234	0.000877	0.0957	0.00000816	2.41	3.17	0.0413	0.00106	8.09	0.00152	0.0163	0.000255	0.000227	0.000131	0.124	0.00000389	0.00033	0.000472	0.00131	0.000406
2113 Mar	0.000234	0.000879	0.0959	0.00000818	2.41	3.18	0.0414	0.00106	8.11	0.00153	0.0164	0.000256	0.000228	0.000131	0.124	0.0000039	0.000331	0.000473	0.00131	0.000407
2113 Apr	0.000235	0.000884	0.0964	0.00000822	2.43	3.19	0.0416	0.00107	8.15	0.00153	0.0165	0.000257	0.000229	0.000132	0.124	0.00000392	0.000333	0.000476	0.00132	0.000409
2113 May	0.000258	0.000908	0.103	0.00000833	2.45	3.31	0.0454	0.00105	8.26	0.00157	0.0164	0.000293	0.000233	0.000134	0.129	0.0000039	0.000329	0.000519	0.00135	0.000401
2113 Jun	0.000277	0.000901	0.107	0.00000805	2.5	3.43	0.0497	0.00105	8.39	0.00159	0.0162	0.000331	0.000243	0.000138	0.133	0.00000391	0.000334	0.000563	0.00134	0.000414
2113 Jul	0.000278	0.000923	0.109	0.00000836	2.52	3.45	0.0496	0.00105	8.46	0.00161	0.0165	0.000331	0.000246	0.000139	0.134	0.00000397	0.000336	0.000565	0.00138	0.000414
2113 Aug	0.000279	0.000942	0.111	0.00000862	2.53	3.46	0.0494	0.00105	8.5	0.00163	0.0166	0.00033	0.000245	0.00014	0.134	0.000004	0.000334	0.000562	0.00141	0.00041
2113 Sep	0.000268	0.000932	0.108	0.0000086	2.46	3.36	0.047	0.00103	8.26	0.00159	0.0162	0.000311	0.000233	0.000135	0.131	0.0000039	0.000323	0.000536	0.00138	0.000392
2113 Oct	0.000236	0.000891	0.0967	0.00000812	2.41	3.21	0.0414	0.00108	8.12	0.00152	0.016	0.000256	0.00022	0.000131	0.124	0.00000389	0.000333	0.000465	0.00126	0.00041
2113 Nov	0.00023	0.000886	0.0944	0.00000806	2.41	3.19	0.0402	0.00109	8.12	0.00151	0.016	0.000244	0.000217	0.00013	0.123	0.00000391	0.000337	0.000449	0.00124	0.000416
2113 Dec	0.00023	0.000887	0.0944	0.00000806	2.42	3.19	0.0402	0.0011	8.13	0.00151	0.016	0.000244	0.000217	0.00013	0.123	0.00000391	0.000337	0.000449	0.00124	0.000417
2114 Jan	0.00023	0.000887	0.0944	0.00000806	2.42	3.19	0.0402	0.0011	8.13	0.00151	0.016	0.000244	0.000217	0.00013	0.123	0.00000391	0.000337	0.000449	0.00124	0.000417
2114 Feb	0.00023	0.000887	0.0945	0.00000806	2.42	3.19	0.0402	0.0011	8.13	0.00151	0.016	0.000244	0.000218	0.00013	0.123	0.00000391	0.000337	0.000449	0.00124	0.000417
2114 Mar	0.00023	0.000888	0.0946	0.00000807	2.42	3.19	0.0403	0.0011	8.14	0.00151	0.016	0.000244	0.000218	0.00013	0.123	0.00000392	0.000337	0.00045	0.00124	0.000417
2114 Apr	0.000231	0.000891	0.0949	0.0000081	2.43	3.2	0.0404	0.0011	8.17	0.00152	0.0161	0.000245	0.000219	0.000131	0.124	0.00000393	0.000338	0.000452	0.00125	0.000419
2114 May	0.000257	0.00091	0.102	0.00000811	2.47	3.34	0.0452	0.00109	8.31	0.00156	0.0161	0.00029	0.000226	0.000135	0.129	0.00000392	0.000336	0.000504	0.00127	0.000416
2114 Jun	0.00029	0.000935	0.111	0.00000823	2.54	3.53	0.0514	0.00107	8.52	0.00161	0.0161	0.000346	0.00024	0.000141	0.136	0.00000396	0.000337	0.000577	0.00134	0.000418
2114 Jul	0.0003	0.000978	0.117	0.00000869	2.64	3.66	0.0532	0.00111	8.84	0.00168	0.0168	0.000358	0.00025	0.000146	0.141	0.00000412	0.000348	0.000601	0.00141	0.00043
2114 Aug	0.000311	0.00102	0.122	0.00000911	2.74	3.8	0.055	0.00115	9.17	0.00175	0.0175	0.00037	0.000259	0.000151	0.147	0.00000428	0.00036	0.000621	0.00147	0.000444
2114 Sep	0.000296	0.001	0.118	0.00000907	2.61	3.63	0.0516	0.0011	8.76	0.00168	0.0168	0.000344	0.000241	0.000143	0.141	0.00000409	0.000338	0.000584	0.00143	0.000411
2114 Oct	0.000279	0.000981	0.114	0.00000894	2.46	3.44	0.0478	0.00105	8.31	0.00161	0.0162	0.000315	0.000222	0.000133	0.133	0.00000388	0.000316	0.000546	0.00138	0.000378
2114 Nov	0.00026	0.000953	0.107	0.00000867	2.42	3.33	0.0445	0.00106	8.18	0.00156	0.0159	0.000285	0.000215	0.000131	0.129	0.00000386	0.000319	0.000507	0.00132	0.000385
2114 Dec	0.000259	0.000952	0.107	0.00000866	2.43	3.33	0.0444	0.00106	8.19	0.00156	0.0159	0.000284	0.000215	0.000131	0.129	0.00000386	0.00032	0.000505	0.00132	0.000386
2115 Jan	0.000259	0.000953	0.107	0.00000866	2.43	3.33	0.0444	0.00106	8.19	0.00156	0.0159	0.000284	0.000215	0.000131	0.129	0.00000386	0.00032	0.000505	0.00132	0.000386
2115 Feb	0.000259	0.000953	0.107	0.00000866	2.43	3.33	0.0444	0.00106	8.19	0.00156	0.0159	0.000284	0.000215	0.000131	0.129	0.00000387	0.00032	0.000505	0.00132	0.000386
2115 Mar	0.00026	0.000953	0.107	0.00000867	2.43	3.34	0.0445	0.00107	8.19	0.00157	0.016	0.000284	0.000215	0.000131	0.129	0.00000387	0.00032	0.000506	0.00132	0.000387
2115 Apr	0.000261	0.000958	0.107	0.00000871	2.44	3.35	0.0447	0.00107	8.23	0.00157	0.016	0.000285	0.000216	0.000131	0.13	0.00000389	0.000322	0.000508	0.00133	0.000389
2115 May	0.000286	0.000971	0.114	0.00000867	2.48	3.48	0.0493	0.00105	8.37	0.00161	0.016	0.000329	0.000224	0.000135	0.135	0.00000387	0.00032	0.000559	0.00135	0.000387
2115 Jun	0.000314	0.001	0.122	0.00000883	2.59	3.69	0.0548	0.00107	8.72	0.00168	0.0163	0.000376	0.000239	0.000142	0.142	0.00000397	0.000329	0.000619	0.00141	0.000401
2115 Jul	0.000321	0.00104	0.126	0.00000922	2.64	3.78	0.0558	0.00109	8.92	0.00173	0.0168	0.000384	0.000244	0.000146	0.146	0.00000408	0.000335	0.000631	0.00146	0.000406
2115 Aug	0.000301	0.00101	0.121	0.00000917	2.5	3.56	0.0517	0.00102	8.44	0.00165	0.016	0.000354	0.000226	0.000137	0.138	0.00000389	0.000312	0.000582	0.00142	0.000372
2115 Sep	0.000291	0.001	0.119	0.00000921	2.45	3.48	0.0497	0.00101	8.28	0.00163	0.0157	0.000337	0.000218	0.000134	0.135	0.00000383	0.000304	0.000558	0.0014	0.000361
2115 Oct	0.000287	0.000998	0.117	0.00000919	2.44	3.46	0.0489	0.00101	8.26	0.00162	0.0157	0.000329	0.000216	0.000133	0.134	0.00000383	0.000305	0.000549	0.00139	0.000362
2115 Nov	0.000275	0.000982	0.113	0.00000901	2.45	3.42	0.047	0.00105	8.28	0.0016	0.0158	0.000309	0.000215	0.000133	0.132	0.00000387	0.000314	0.000525	0.00136	0.000377
2115 Dec	0.000274	0.000982	0.113	0.000009	2.45	3.42	0.047	0.00105	8.29	0.0016	0.0158	0.000309	0.000215	0.000133	0.132	0.00000388	0.000315	0.000524	0.00136	0.000378
2116 Jan	0.000274	0.000982	0.113	0.000009	2.45	3.42	0.047	0.00105	8.29	0.0016	0.0158	0.000309	0.000215	0.000133	0.133	0.00000388	0.000315	0.000524	0.00136	0.000378
2116 Feb	0.000275	0.000983	0.113	0.00000901	2.45	3.43	0.047	0.00105	8.29	0.0016	0.0158	0.000309	0.000215	0.000133	0.133	0.00000388	0.000315	0.000525	0.00136	0.000378
2116 Mar	0.000275	0.000983	0.113	0.00000901	2.45	3.43	0.047	0.00105	8.3	0.00161	0.0158	0.000309	0.000216	0.000133	0.133	0.00000388	0.000315	0.000525	0.00136	0.000379
2116 Apr	0.000276	0.000988	0.113	0.00000905	2.47	3.44	0.0472	0.00105	8.34	0.00161	0.0159	0.00031	0.000217	0.000134	0.133	0.0000039	0.000316	0.000527	0.00137	0.00038
2116 May	0.000297	0.001	0.119	0.00000907	2.5	3.56	0.051	0.00104	8.46	0.00164	0.0159	0.000345	0.000223	0.000137	0.137	0.00000389	0.000315	0.00057	0.00139	0.000378
2116 Jun	0.000291	0.000934	0.111	0.00000827	2.59	3.58	0.052	0.00111	8.59	0.00163	0.0158	0.000348	0.000245	0.000144	0.138	0.00000408	0.000344	0.00058	0.00135	0.000439
2116 Jul	0.000292	0.00096	0.114	0.00000865	2.67	3.66	0.0524	0.00115	8.82	0.00169	0.0164	0.000347	0.000257	0.000148	0.141	0.00000426	0.000357	0.000593	0.00142	0.000456
2116 Aug	0.000299	0.000991	0.117	0.00000899	2.73	3.75	0.0534	0.00118	9.04	0.00173	0.0168	0.000353	0.000262	0.000151	0.144	0.00000436	0.000363	0.000603	0.00147	0.000463
2116 Sep	0.000279	0.000965	0.112	0.00000887	2.57	3.53	0.049	0.00112	8.54	0.00165	0.016	0.00032	0.000239	0.000141	0.136	0.00000412	0.000338	0.000556	0.00141	0.000424
2116 Oct	0.000256	0.000942	0.105	0.00000864	2.49	3.38	0.0445	0.00112	8.28	0.00158	0.0157	0.000279	0.000224	0.000135	0.13	0.00000405	0.000334	0.000503	0.00133	0.000419
2116 Nov	0.000253	0.000942	0.104	0.00000863	2.49	3.37	0.044	0.00113	8.29	0.00158	0.0158	0.000274	0.000223	0.000135	0.13	0.00000406	0.000335	0.000497	0.00132	0.000421
2116 Dec	0.000253	0.000942	0.104	0.00000863	2.49	3.37	0.044	0.00113	8.29	0.00158	0.0158	0.000274	0.000223	0.000135	0.13	0.00000406	0.000335	0.000497	0.00132	0.000421
2117 Jan	0.000253	0.000942	0.104	0.00000863	2.49	3.37	0.044	0.00113	8.29	0.00158	0.0158	0.000274	0.000223	0.000135	0.13	0.00000406	0.000335	0.000497	0.00132	0.000421
2117 Feb	0.000253	0.000942	0.104	0.00000863	2.49	3.37	0.044	0.00113	8.29	0.00158	0.0158	0.000274	0.000223	0.000135	0.13	0.00000406	0.000335	0.000497	0.00132	0.000421
2117 Mar	0.000254	0.000943	0.104	0.00000864	2.49	3.37	0.0441	0.00113	8.3	0.00158	0.0158	0.000274	0.000223	0.000135	0.13	0.00000406	0.000336	0.000497	0.00132	0.000421
2117 Apr	0.000255	0.000949	0.105	0.00000869	2.51	3.39	0.0443	0.00114	8.35	0.00159	0.0159	0.000276	0.000224	0.000136	0.131	0.00000409	0.000338	0.0005	0.00133	0.000424
2117 May	0.000276	0.00097	0.111	0.00000879	2.53	3.5	0.048	0.00112	8.45	0.00162	0.0159	0.000311	0.000229	0.000138	0.135	0.00000406	0.000333	0.000543	0.00136	0.000416
2117 Jun	0.000305	0.000988	0.119	0.00000881	2.6	3.67	0.0536	0.00111	8.65	0.00167	0.0159	0.000362	0.000243	0.000144	0.141	0.0000041	0.000335	0.000607	0.00141	0.000422
2117 Jul	0.000314	0.00103	0.124	0.00000924	2.68	3.78	0.0551	0.00114	8.91	0.00173	0.0165	0.000373	0.00025	0.000148	0.146	0.00000424	0.000344	0.000625	0.00148	0.000431

Appendix C.2-8: A6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2117 Aug	0.000315	0.00104	0.125	0.00000947	2.69	3.8	0.055	0.00114	8.96	0.00175	0.0166	0.000372	0.00025	0.000149	0.147	0.00000427	0.000343	0.000623	0.0015	0.000428
2117 Sep	0.000313	0.00105	0.125	0.00000957	2.68	3.78	0.0545	0.00114	8.93	0.00175	0.0166	0.000367	0.000247	0.000148	0.146	0.00000426	0.00034	0.000618	0.0015	0.000422
2117 Oct	0.000304	0.00104	0.123	0.00000951	2.61	3.68	0.0524	0.00111	8.7	0.00171	0.0163	0.000351	0.000237	0.000142	0.142	0.00000414	0.000328	0.000598	0.00148	0.000403
2117 Nov	0.000301	0.00104	0.123	0.00000949	2.58	3.65	0.0517	0.0011	8.61	0.00169	0.0162	0.000346	0.000233	0.000141	0.141	0.0000041	0.000324	0.000591	0.00147	0.000397
2117 Dec	0.000301	0.00104	0.123	0.00000949	2.58	3.65	0.0516	0.0011	8.61	0.00169	0.0162	0.000346	0.000233	0.000141	0.141	0.0000041	0.000324	0.00059	0.00147	0.000396
2118 Jan	0.000301	0.00104	0.123	0.00000949	2.58	3.65	0.0516	0.0011	8.61	0.00169	0.0162	0.000346	0.000233	0.000141	0.141	0.0000041	0.000324	0.00059	0.00147	0.000396
2118 Feb	0.000301	0.00104	0.123	0.00000949	2.58	3.65	0.0516	0.0011	8.61	0.00169	0.0162	0.000346	0.000233	0.000141	0.141	0.0000041	0.000324	0.000591	0.00147	0.000396
2118 Mar	0.000301	0.00104	0.123	0.0000095	2.58	3.65	0.0517	0.0011	8.61	0.00169	0.0162	0.000346	0.000233	0.000141	0.141	0.0000041	0.000324	0.000591	0.00147	0.000397
2118 Apr	0.000305	0.00104	0.124	0.00000953	2.59	3.68	0.0524	0.0011	8.66	0.0017	0.0163	0.000349	0.000234	0.000141	0.142	0.00000411	0.000325	0.000598	0.00147	0.000397
2118 May	0.000337	0.00105	0.132	0.00000935	2.6	3.81	0.0583	0.00106	8.72	0.00172	0.0159	0.000402	0.000239	0.000143	0.147	0.00000401	0.000316	0.000661	0.00148	0.000385
2118 Jun	0.000325	0.000987	0.123	0.00000863	2.68	3.81	0.0579	0.00113	8.85	0.0017	0.0158	0.000396	0.000254	0.00015	0.146	0.0000042	0.000345	0.000647	0.00141	0.000444
2118 Jul	0.000336	0.00103	0.128	0.0000091	2.78	3.95	0.0598	0.00117	9.18	0.00178	0.0165	0.000409	0.000266	0.000155	0.152	0.00000437	0.000357	0.000673	0.00149	0.000459
2118 Aug	0.000322	0.00102	0.125	0.00000917	2.68	3.81	0.0568	0.00113	8.87	0.00173	0.016	0.000387	0.000251	0.000149	0.147	0.00000423	0.000339	0.000637	0.00147	0.000431
2118 Sep	0.000284	0.00097	0.113	0.0000088	2.56	3.56	0.0498	0.00113	8.47	0.00164	0.0155	0.000324	0.000231	0.000141	0.137	0.00000413	0.000333	0.000553	0.00136	0.000426
2118 Oct	0.000263	0.000947	0.105	0.00000855	2.57	3.48	0.0462	0.00118	8.45	0.0016	0.0155	0.000287	0.000226	0.00014	0.134	0.00000421	0.000346	0.000507	0.0013	0.000448
2118 Nov	0.000258	0.000942	0.104	0.00000849	2.57	3.47	0.0454	0.0012	8.46	0.0016	0.0155	0.000279	0.000226	0.00014	0.133	0.00000424	0.000349	0.000497	0.00129	0.000455
2118 Dec	0.000258	0.000943	0.104	0.00000849	2.57	3.47	0.0454	0.0012	8.46	0.0016	0.0155	0.000279	0.000226	0.00014	0.133	0.00000424	0.00035	0.000497	0.00129	0.000456
2119 Jan	0.000259	0.000943	0.104	0.00000849	2.58	3.47	0.0454	0.0012	8.46	0.0016	0.0155	0.000279	0.000226	0.00014	0.133	0.00000424	0.00035	0.000497	0.00129	0.000456
2119 Feb	0.000259	0.000943	0.104	0.0000085	2.58	3.47	0.0454	0.0012	8.46	0.0016	0.0155	0.000279	0.000226	0.00014	0.133	0.00000424	0.00035	0.000497	0.00129	0.000456
2119 Mar	0.000259	0.000945	0.104	0.00000851	2.58	3.47	0.0455	0.0012	8.48	0.0016	0.0156	0.00028	0.000226	0.000141	0.134	0.00000425	0.00035	0.000498	0.00129	0.000456
2119 Apr	0.000274	0.000965	0.109	0.00000859	2.61	3.57	0.0481	0.0012	8.6	0.00163	0.0157	0.000291	0.000228	0.000142	0.137	0.00000425	0.00035	0.000525	0.0013	0.000454
2119 May	0.000343	0.00101	0.127	0.00000844	2.7	3.92	0.0608	0.00115	8.91	0.0017	0.0155	0.000377	0.00024	0.000147	0.151	0.00000418	0.000341	0.000654	0.00133	0.000444
2119 Jun	0.000328	0.000977	0.122	0.00000834	2.7	3.83	0.0586	0.00117	8.79	0.00169	0.0154	0.000369	0.000249	0.000148	0.147	0.00000426	0.000346	0.00064	0.00135	0.000459
2119 Jul	0.000335	0.00101	0.126	0.00000878	2.77	3.93	0.0599	0.0012	9.03	0.00174	0.0159	0.000377	0.000259	0.000152	0.151	0.0000044	0.000355	0.000663	0.00143	0.000469
2119 Aug	0.000332	0.00102	0.126	0.00000903	2.76	3.9	0.0589	0.00119	8.98	0.00175	0.016	0.00037	0.000254	0.000151	0.151	0.00000439	0.000349	0.00065	0.00145	0.000457
2119 Sep	0.000312	0.000998	0.121	0.00000894	2.62	3.7	0.0547	0.00113	8.56	0.00167	0.0154	0.00034	0.000236	0.000142	0.143	0.00000419	0.000328	0.000605	0.0014	0.000425
2119 Oct	0.00029	0.000972	0.114	0.0000087	2.59	3.6	0.0509	0.00117	8.46	0.00163	0.0153	0.000308	0.00023	0.000141	0.139	0.00000421	0.000336	0.000559	0.00134	0.000439
2119 Nov	0.000281	0.000961	0.111	0.00000858	2.6	3.57	0.0495	0.00119	8.46	0.00162	0.0153	0.000295	0.000229	0.000141	0.138	0.00000425	0.000341	0.00054	0.00131	0.00045
2119 Dec	0.000281	0.000961	0.111	0.00000858	2.6	3.57	0.0495	0.00119	8.46	0.00162	0.0153	0.000295	0.000229	0.000141	0.138	0.00000425	0.000342	0.000541	0.00131	0.00045

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	34.4	0.00986	0.00536	0.000985	6.31	0.0206	2.23	0.000985	0.000985	0.00000492	0.00596	0.000911	0.0089	0.0118	0.00000492	10.1	0.0000109	0.000154
Operation (2024-2031): Mean	45.8	0.0574	0.00671	0.00102	10.4	0.0357	3.9	0.00102	0.00102	0.00000511	0.00741	0.00108	0.0108	0.0161	0.00000511	14.2	0.0000155	0.000202
Operation (2024-2031): Max	63.4	0.0964	0.0147	0.00109	13.8	0.042	5.01	0.00109	0.00109	0.00000544	0.00825	0.00136	0.0118	0.0268	0.00000544	21.9	0.0000217	0.000323
Active Closure (2032-2038): Min	33.8	0.00926	0.00505	0.000966	6.27	0.0196	2.31	0.000966	0.000966	0.00000483	0.00594	0.000923	0.0088	0.0118	0.00000483	9.85	0.0000101	0.000157
Active Closure (2032-2038): Mean	49.7	0.0685	0.00747	0.00101	11.6	0.0361	4.34	0.00101	0.00101	0.00000505	0.00755	0.00113	0.0108	0.0179	0.00000505	15.8	0.0000158	0.000219
Active Closure (2032-2038): Max	68.2	0.104	0.015	0.0011	16.2	0.043	5.82	0.0011	0.0011	0.00000551	0.00822	0.00145	0.0115	0.0286	0.00000551	23.9	0.0000226	0.000327
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Post Closure (2039-2119): Min	54.2	0.0358	0.0085	0.00105	12.3	0.0273	4.77	0.000953	0.000889	0.00000456	0.00539	0.000934	0.0115	0.0121	0.00000477	10.9	0.00000847	0.000143
Post Closure (2039-2119): Mean	74.8	0.0967	0.141	0.00229	19.9	0.0394	11.7	0.00102	0.000985	0.00000499	0.00698	0.00127	0.0207	0.0182	0.00000512	17.1	0.0000163	0.000259
Post Closure (2039-2119): Max	160	0.312	0.511	0.0103	59.9	0.0528	25.3	0.00117	0.00113	0.00000569	0.00806	0.00191	0.0409	0.0323	0.00000584	27.7	0.0000221	0.000414
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan	50.3	0.0645	0.00766	0.00103	11.9	0.0382	4.44	0.00103	0.00103	0.00000517	0.00728	0.00117	0.011	0.0185	0.00000517	16.2	0.0000141	0.000217
2024 Feb	50.3	0.0645	0.00766	0.00103	11.9	0.0382	4.44	0.00103	0.00103	0.00000517	0.00728	0.00117	0.011	0.0185	0.00000517	16.2	0.0000141	0.000217
2024 Mar	50.4	0.0646	0.00767	0.00103	11.9	0.0382	4.44	0.00103	0.00103	0.00000517	0.00729	0.00118	0.011	0.0185	0.00000517	16.2	0.0000141	0.000218
2024 Apr	50.5	0.0647	0.00768	0.00104	11.9	0.0383	4.45	0.00104	0.00104	0.00000518	0.00731	0.00118	0.011	0.0186	0.00000518	16.2	0.0000141	0.000218
2024 May	58.2	0.0662	0.0105	0.00104	13.7	0.0355	5.01	0.00104	0.00104	0.00000521	0.00728	0.00131	0.0107	0.023	0.00000521	19.6	0.0000156	0.000262
2024 Jun	61.5	0.0403	0.0144	0.000987	13.3	0.0206	4.57	0.000987	0.000987	0.00000493	0.00696	0.00132	0.00917	0.0259	0.00000493	21.2	0.0000212	0.000316
2024 Jul	55.7	0.032	0.0124	0.00104	11.6	0.023	4.02	0.00104	0.00104	0.00000521	0.00726	0.00126	0.00972	0.0224	0.00000521	18.5	0.0000213	0.000285
2024 Aug	53.2	0.0348	0.0108	0.00106	11.6	0.0296	4.05	0.00106	0.00106	0.00000528	0.00692	0.00123	0.0107	0.0207	0.00000528	17.5	0.0000169	0.00026
2024 Sep	50.7	0.0583	0.0082	0.00102	11.8	0.0366	4.32	0.00102	0.00102	0.00000512	0.00707	0.00116	0.0114	0.0185	0.00000512	16.3	0.0000139	0.00023
2024 Oct	50.9	0.0732	0.00734	0.00102	12.2	0.0389	4.55	0.00102	0.00102	0.0000051	0.00747	0.00115	0.0115	0.0182	0.0000051	16.2	0.0000142	0.000222
2024 Nov	51	0.0789	0.00702	0.00102	12.3	0.0399	4.64	0.00102	0.00102	0.00000509	0.00763	0.00115	0.0115	0.0181	0.00000509	16.2	0.0000144	0.000219
2024 Dec	51	0.079	0.00702	0.00102	12.3	0.0399	4.64	0.00102	0.00102	0.0000051	0.00764	0.00115	0.0115	0.0181	0.0000051	16.2	0.0000144	0.00022
2025 Jan	51	0.079	0.00702	0.00102	12.3	0.0399	4.64	0.00102	0.00102	0.0000051	0.00764	0.00115	0.0115	0.0181	0.0000051	16.2	0.0000144	0.00022
2025 Feb	51	0.079	0.00702	0.00102	12.3	0.0399	4.64	0.00102	0.00102	0.0000051	0.00764	0.00115	0.0115	0.0181	0.0000051	16.2	0.0000144	0.00022
2025 Mar	51.1	0.079	0.00702	0.00102	12.3	0.0399	4.65	0.00102	0.00102	0.0000051	0.00764	0.00115	0.0116	0.0181	0.0000051	16.2	0.0000144	0.00022
2025 Apr	51.1	0.0791	0.00703	0.00102	12.3	0.0399	4.65	0.00102	0.00102	0.0000051	0.00765	0.00115	0.0116	0.0181	0.0000051	16.3	0.0000144	0.00022
2025 May	52	0.0805	0.00715	0.00104	12.6	0.0406	4.73	0.00104	0.00104	0.00000519	0.00778	0.00117	0.0118	0.0184	0.00000519	16.5	0.0000146	0.000224
2025 Jun	43.4	0.0437	0.00705	0.00101	9.04	0.0298	3.3	0.00101	0.00101	0.00000507	0.00758	0.00101	0.0108	0.0146	0.00000507	13	0.0000187	0.000211
2025 Jul	35.7	0.0113	0.00643	0.00101	6.58	0.0266	2.4	0.00101	0.00101	0.00000504	0.00669	0.000953	0.00938	0.0123	0.00000504	10.3	0.000017	0.000171
2025 Aug	37.7	0.0151	0.00639	0.00105	7.54	0.032	2.8	0.00105	0.00105	0.00000524	0.0065	0.00103	0.00986	0.0134	0.00000524	11.3	0.0000141	0.000168
2025 Sep	40.9	0.0346	0.00615	0.00104	8.93	0.0358	3.33	0.00104	0.00104	0.00000519	0.0067	0.00105	0.0107	0.0143	0.00000519	12.5	0.0000129	0.000178
2025 Oct	44.5	0.0665	0.00558	0.00101	10.5	0.0391	4.04	0.00101	0.00101	0.00000503	0.00735	0.00106	0.0109	0.0153	0.00000503	13.7	0.0000136	0.000184
2025 Nov	45.8	0.0783	0.00536	0.000993	11.1	0.0403	4.29	0.000993	0.000993	0.00000497	0.00758	0.00106	0.011	0.0156	0.00000497	14.2	0.0000138	0.000187
2025 Dec	45.9	0.0783	0.00536	0.000994	11.1	0.0403	4.29	0.000994	0.000994	0.00000497	0.00759	0.00106	0.011	0.0156	0.00000497	14.2	0.0000138	0.000187
2026 Jan	45.9	0.0783	0.00536	0.000994	11.1	0.0403	4.29	0.000994	0.000994	0.00000497	0.00759	0.00106	0.011	0.0156	0.00000497	14.2	0.0000138	0.000187
2026 Feb	45.9	0.0783	0.00536	0.000994	11.1	0.0403	4.29	0.000994	0.000994	0.00000497	0.00759	0.00106	0.011	0.0156	0.00000497	14.2	0.0000138	0.000187
2026 Mar	45.9	0.0784	0.00536	0.000995	11.1	0.0403	4.3	0.000995	0.000995	0.00000497	0.00759	0.00106	0.011	0.0156	0.00000497	14.2	0.0000139	0.000187
2026 Apr	46.1	0.0787	0.00538	0.000998	11.1	0.0405	4.31	0.000998	0.000998	0.00000499	0.00762	0.00107	0.011	0.0157	0.00000499	14.2	0.0000139	0.000187
2026 May	47.2	0.0797	0.00565	0.00101	11.4	0.0408	4.41	0.00101	0.00101	0.00000506	0.00772	0.00109	0.0112	0.0162	0.00000506	14.6	0.0000142	0.000193
2026 Jun	39.2	0.0189	0.00768	0.000985	7.09	0.0214	2.46	0.000985	0.000985	0.00000492	0.00731	0.000925	0.00984	0.0132	0.00000492	11.4	0.0000214	0.000211
2026 Jul	38	0.0132	0.00729	0.00103	6.65	0.0231	2.33	0.00103	0.00103	0.00000515	0.0074	0.00094	0.0101	0.0125	0.00000515	10.8	0.0000212	0.000201
2026 Aug	39.2	0.0188	0.00675	0.00104	7.85	0.0309	2.85	0.00104	0.00104	0.00000522	0.00672	0.00102	0.0104	0.0136	0.00000522	11.7	0.0000153	0.000184
2026 Sep	41.6	0.0315	0.00661	0.00105	8.79	0.0339	3.23	0.00105	0.00105	0.00000526	0.00694	0.00105	0.0109	0.0143	0.00000526	12.5	0.0000147	0.00019
2026 Oct	44.2	0.0565	0.00606	0.00103	10	0.0371	3.8	0.00103	0.00103	0.00000514	0.00737	0.00106	0.0111	0.0151	0.00000514	13.5	0.0000147	0.000192
2026 Nov	44.4	0.057	0.00608	0.00103	10.1	0.0373	3.82	0.00103	0.00103	0.00000516	0.00741	0.00107	0.0111	0.0152	0.00000516	13.6	0.0000147	0.000193
2026 Dec	44.5	0.057	0.00608	0.00103	10.1	0.0373	3.82	0.00103	0.00103	0.00000516	0.00741	0.00107	0.0111	0.0152	0.00000516	13.6	0.0000148	0.000193
2027 Jan	44.5	0.057	0.00608	0.00103	10.1	0.0373	3.82	0.00103	0.00103	0.00000516	0.00741	0.00107	0.0111	0.0152	0.00000516	13.6	0.0000148	0.000193
2027 Feb	44.5	0.057	0.00608	0.00103	10.1	0.0373	3.82	0.00103	0.00103	0.00000516	0.00741	0.00107	0.0111	0.0152	0.00000516	13.6	0.0000148	0.000193
2027 Mar	44.5	0.057	0.00609	0.00103	10.1	0.0373	3.82	0.00103	0.00103	0.00000517	0.00742	0.00107	0.0111	0.0152	0.00000517	13.6	0.0000148	0.000193
2027 Apr	44.7	0.0574	0.00612	0.00104	10.2	0.0376	3.85	0.00104	0.00104	0.0000052	0.00746	0.00107	0.0112	0.0153	0.0000052	13.7	0.0000148	0.000194
2027 May	46.6	0.0586	0.00662	0.00106	10.6	0.0378	3.99	0.00106	0.00106	0.00000528	0.00757	0.00111	0.0113	0.0162	0.00000528	14.4	0.0000153	0.000203
2027 Jun	39.1	0.0209	0.00743	0.000989	7.2	0.0228	2.53	0.000989	0.000989	0.00000495	0.00728	0.00093	0.00996	0.0131	0.00000495	11.3	0.0000207	0.000207
2027 Jul	36.7	0.0108	0.00697	0.00103	6.34	0.0234	2.24	0.00103	0.00103	0.00000515	0.0073	0.000928	0.00997	0.012	0.00000515	10.3	0.0000206	0.000193
2027 Aug	39.1	0.0162	0.00696	0.00107	7.4	0.0286	2.64	0.00107	0.00107	0.00000533	0.00717	0.001	0.0107	0.0131	0.00000533	11.3	0.000018	0.000194
2027 Sep	43	0.0449	0.00632	0.00104	9.43	0.0352	3.48	0.00104	0.00104	0.00000518	0.00721	0.00104	0.0114	0.0144	0.00000518	13	0.0000149	0.000196
2027 Oct	45.4	0.067	0.00585	0.00102	10.6	0.0383	4.01	0.00102	0.00102	0.00000509	0.0076	0.00106	0.0114	0.0153	0.00000509	13.9	0.0000149	0.000196
2027 Nov	46.1	0.0726	0.00574	0.00102	10.9	0.0391	4.15	0.00102	0.00102	0.00000508	0.00771	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000149	0.000197
2027 Dec	46.2	0.0731	0.00573	0.00102	10.9	0.0392	4.16	0.00102	0.00102	0.00000508	0.00772	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000149	0.000197
2028 Jan	46.2	0.0731	0.00573	0.00102	10.9	0.0392	4.16	0.00102	0.00102	0.00000508	0.00772	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000149	0.000197
2028 Feb	46.2	0.0731	0.00573	0.00102	10.9	0.0392	4.16	0.00102	0.00102	0.00000508	0.00772	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000149	0.000197
2028 Mar	46.2	0.0731	0.00573	0.00102	10.9	0.0392	4.16	0.00102	0.00102	0.00000508	0.00772	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000149	0.000197
2028 Apr	46.3	0.0733	0.00575	0.00102	10.9	0.0393	4.18	0.00102	0.00102	0.0000051	0.00774	0.00107	0.0115	0.0156	0.0000051	14.2	0.0000149	0.000198
2028 May	47	0.0743	0.00583	0.00103	11.1	0.0398	4.23	0.00103	0.00103	0.00000516	0.00785	0.00108	0.0116	0.0158	0.00000516	14.4	0.0000151	0.0002

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Jun	38.3	0.0267	0.00662	0.000996	7.15	0.0249	2.56	0.000996	0.000996	0.00000498	0.00746	0.000911	0.0103	0.0123	0.00000498	10.9	0.0000203	0.000198
2028 Jul	36.5	0.0117	0.00686	0.00102	6.31	0.0233	2.23	0.00102	0.00102	0.00000511	0.00728	0.000918	0.00995	0.0119	0.00000511	10.2	0.0000206	0.000192
2028 Aug	39.3	0.0144	0.00718	0.00109	7.1	0.027	2.53	0.00109	0.00109	0.00000544	0.00754	0.000998	0.0107	0.013	0.00000544	11.2	0.0000202	0.0002
2028 Sep	42.4	0.0357	0.00678	0.00108	8.53	0.0316	3.14	0.00108	0.00108	0.0000054	0.00777	0.00104	0.0111	0.0141	0.0000054	12.4	0.0000188	0.000203
2028 Oct	46.9	0.0825	0.00555	0.00101	11.1	0.0392	4.31	0.00101	0.00101	0.00000505	0.00807	0.00106	0.0112	0.0157	0.00000505	14.3	0.0000161	0.000197
2028 Nov	47.8	0.088	0.00546	0.00101	11.5	0.0404	4.47	0.00101	0.00101	0.00000505	0.00816	0.00107	0.0113	0.016	0.00000505	14.6	0.0000159	0.000198
2028 Dec	47.8	0.088	0.00547	0.00101	11.5	0.0404	4.47	0.00101	0.00101	0.00000505	0.00817	0.00107	0.0113	0.016	0.00000505	14.6	0.000016	0.000198
2029 Jan	47.8	0.088	0.00547	0.00101	11.5	0.0404	4.47	0.00101	0.00101	0.00000505	0.00817	0.00107	0.0113	0.016	0.00000505	14.6	0.000016	0.000198
2029 Feb	47.8	0.088	0.00547	0.00101	11.5	0.0404	4.47	0.00101	0.00101	0.00000505	0.00817	0.00107	0.0113	0.016	0.00000505	14.6	0.000016	0.000198
2029 Mar	47.8	0.088	0.00547	0.00101	11.5	0.0404	4.47	0.00101	0.00101	0.00000505	0.00817	0.00107	0.0113	0.016	0.00000505	14.6	0.000016	0.000198
2029 Apr	47.8	0.0881	0.00547	0.00101	11.5	0.0404	4.48	0.00101	0.00101	0.00000506	0.00818	0.00107	0.0113	0.0161	0.00000506	14.7	0.000016	0.000198
2029 May	48.3	0.0889	0.00554	0.00102	11.6	0.0408	4.52	0.00102	0.00102	0.0000051	0.00825	0.00108	0.0114	0.0162	0.0000051	14.8	0.0000161	0.0002
2029 Jun	45.5	0.0582	0.00683	0.00102	9.85	0.0322	3.69	0.00102	0.00102	0.00000509	0.00793	0.00104	0.0108	0.0154	0.00000509	13.7	0.0000189	0.000212
2029 Jul	34.4	0.00986	0.00608	0.000988	6.51	0.0278	2.42	0.000988	0.000988	0.00000494	0.00627	0.000954	0.0089	0.0122	0.00000494	10.1	0.0000149	0.000156
2029 Aug	37.1	0.0165	0.00597	0.00102	7.83	0.0346	2.94	0.00102	0.00102	0.00000511	0.00596	0.00104	0.00961	0.0135	0.00000511	11.4	0.0000109	0.000154
2029 Sep	40.7	0.0354	0.00591	0.00103	9.12	0.0377	3.44	0.00103	0.00103	0.00000516	0.00644	0.00107	0.0104	0.0145	0.00000516	12.6	0.0000112	0.000168
2029 Oct	43.6	0.0576	0.00562	0.00102	10.2	0.0397	3.92	0.00102	0.00102	0.0000051	0.00702	0.00108	0.0108	0.0152	0.0000051	13.5	0.0000123	0.000177
2029 Nov	45.1	0.0717	0.0054	0.001	10.9	0.0407	4.21	0.001	0.001	0.00000502	0.00734	0.00108	0.0109	0.0156	0.00000502	14	0.0000129	0.000181
2029 Dec	45.2	0.0717	0.00541	0.001	10.9	0.0407	4.21	0.001	0.001	0.00000502	0.00735	0.00108	0.0109	0.0156	0.00000502	14	0.0000129	0.000181
2030 Jan	45.2	0.0717	0.00541	0.001	10.9	0.0407	4.21	0.001	0.001	0.00000502	0.00735	0.00108	0.0109	0.0156	0.00000502	14	0.0000129	0.000181
2030 Feb	45.2	0.0717	0.00541	0.001	10.9	0.0407	4.21	0.001	0.001	0.00000502	0.00735	0.00108	0.0109	0.0156	0.00000502	14	0.0000129	0.000181
2030 Mar	45.2	0.0718	0.00541	0.00101	10.9	0.0408	4.22	0.00101	0.00101	0.00000503	0.00735	0.00108	0.0109	0.0156	0.00000503	14	0.0000129	0.000181
2030 Apr	45.3	0.0719	0.00542	0.00101	10.9	0.0408	4.22	0.00101	0.00101	0.00000504	0.00736	0.00108	0.0109	0.0156	0.00000504	14	0.0000129	0.000182
2030 May	46	0.073	0.0055	0.00102	11.1	0.0414	4.29	0.00102	0.00102	0.00000511	0.00748	0.0011	0.0111	0.0159	0.00000511	14.3	0.0000131	0.000185
2030 Jun	38	0.0263	0.00653	0.000995	7.14	0.0254	2.57	0.000995	0.000995	0.00000497	0.00737	0.000916	0.0102	0.0123	0.00000497	10.8	0.0000198	0.000194
2030 Jul	35.3	0.0111	0.0065	0.000997	6.31	0.0246	2.27	0.000997	0.000997	0.00000499	0.00684	0.00092	0.00946	0.0118	0.00000499	10.1	0.0000183	0.000177
2030 Aug	36.6	0.013	0.00627	0.00103	7.17	0.0307	2.67	0.00103	0.00103	0.00000516	0.00643	0.00101	0.00953	0.013	0.00000516	10.9	0.0000144	0.000163
2030 Sep	38.9	0.0196	0.00641	0.00106	7.89	0.0331	2.94	0.00106	0.00106	0.00000531	0.00669	0.00105	0.0101	0.0137	0.00000531	11.7	0.0000144	0.000172
2030 Oct	42	0.0449	0.00599	0.00104	9.24	0.0361	3.52	0.00104	0.00104	0.00000519	0.00714	0.00106	0.0105	0.0146	0.00000519	12.7	0.0000145	0.000179
2030 Nov	43.6	0.0584	0.00576	0.00103	9.95	0.0377	3.83	0.00103	0.00103	0.00000513	0.00738	0.00107	0.0107	0.015	0.00000513	13.3	0.0000145	0.000182
2030 Dec	43.6	0.0584	0.00576	0.00103	9.96	0.0378	3.83	0.00103	0.00103	0.00000513	0.00739	0.00107	0.0107	0.0151	0.00000513	13.3	0.0000145	0.000182
2031 Jan	43.6	0.0584	0.00576	0.00103	9.96	0.0378	3.83	0.00103	0.00103	0.00000513	0.00739	0.00107	0.0107	0.0151	0.00000513	13.3	0.0000145	0.000182
2031 Feb	43.6	0.0584	0.00576	0.00103	9.96	0.0378	3.83	0.00103	0.00103	0.00000513	0.00739	0.00107	0.0107	0.0151	0.00000513	13.3	0.0000145	0.000182
2031 Mar	43.6	0.0584	0.00576	0.00103	9.96	0.0378	3.83	0.00103	0.00103	0.00000513	0.00739	0.00107	0.0107	0.0151	0.00000513	13.3	0.0000145	0.000182
2031 Apr	43.9	0.0587	0.00579	0.00103	10	0.038	3.85	0.00103	0.00103	0.00000516	0.00742	0.00107	0.0107	0.0151	0.00000516	13.4	0.0000146	0.000183
2031 May	51.9	0.0612	0.00859	0.00104	12	0.0356	4.45	0.00104	0.00104	0.00000521	0.00741	0.00121	0.0105	0.0196	0.00000521	16.8	0.0000159	0.000229
2031 Jun	63.4	0.0434	0.0147	0.001	13.8	0.0215	4.77	0.001	0.001	0.00000501	0.00705	0.00136	0.00928	0.0268	0.00000501	21.9	0.0000212	0.000323
2031 Jul	59.6	0.0368	0.0134	0.00106	12.6	0.0237	4.38	0.00106	0.00106	0.00000532	0.00743	0.00133	0.0099	0.0244	0.00000532	20	0.0000217	0.000303
2031 Aug	54.6	0.0348	0.0112	0.00107	11.9	0.03	4.21	0.00107	0.00107	0.00000536	0.00693	0.00129	0.0103	0.0218	0.00000536	18.2	0.0000169	0.000262
2031 Sep	51.1	0.0622	0.00814	0.00102	12	0.0371	4.43	0.00102	0.00102	0.00000512	0.00715	0.00118	0.0112	0.0189	0.00000512	16.5	0.000014	0.000227
2031 Oct	50.1	0.0945	0.00588	0.000987	12.4	0.0416	4.82	0.000987	0.000987	0.00000494	0.00791	0.00111	0.0113	0.0174	0.00000494	15.8	0.0000144	0.000205
2031 Nov	50.2	0.0964	0.0058	0.000989	12.5	0.042	4.85	0.000989	0.000989	0.00000495	0.00797	0.00111	0.0113	0.0174	0.00000495	15.8	0.0000145	0.000204
2031 Dec	50.2	0.0964	0.0058	0.00099	12.5	0.042	4.85	0.00099	0.00099	0.00000495	0.00798	0.00111	0.0113	0.0174	0.00000495	15.8	0.0000145	0.000204
2032 Jan	50.2	0.0964	0.0058	0.00099	12.5	0.042	4.85	0.00099	0.00099	0.00000495	0.00798	0.00111	0.0113	0.0174	0.00000495	15.8	0.0000145	0.000204
2032 Feb	50.2	0.0964	0.0058	0.00099	12.5	0.042	4.85	0.00099	0.00099	0.00000495	0.00798	0.00111	0.0113	0.0174	0.00000495	15.8	0.0000145	0.000204
2032 Mar	50.3	0.0964	0.0058	0.00099	12.5	0.042	4.86	0.00099	0.00099	0.00000495	0.00798	0.00111	0.0113	0.0174	0.00000495	15.8	0.0000145	0.000204
2032 Apr	50.4	0.0967	0.00582	0.000993	12.5	0.0421	4.87	0.000993	0.000993	0.00000496	0.008	0.00111	0.0114	0.0174	0.00000496	15.9	0.0000145	0.000205
2032 May	51.5	0.0978	0.00608	0.00101	12.8	0.0425	4.96	0.00101	0.00101	0.00000504	0.0081	0.00114	0.0115	0.0179	0.00000504	16.3	0.0000148	0.000211
2032 Jun	40.3	0.0264	0.00754	0.000982	7.61	0.0231	2.69	0.000982	0.000982	0.00000491	0.00737	0.00094	0.00996	0.0136	0.00000491	11.8	0.0000208	0.000211
2032 Jul	33.8	0.00926	0.00606	0.000967	6.27	0.0263	2.31	0.000967	0.000967	0.00000483	0.00625	0.000923	0.0088	0.0118	0.00000483	9.85	0.0000154	0.000157
2032 Aug	38	0.0218	0.00599	0.000999	8.22	0.0346	3.02	0.000999	0.000999	0.00000499	0.00594	0.00101	0.0102	0.0134	0.00000499	11.6	0.0000106	0.000165
2032 Sep	41	0.0336	0.00604	0.00102	9.3	0.0377	3.41	0.00102	0.00102	0.00000509	0.0062	0.00105	0.0111	0.0143	0.00000509	12.7	0.0000101	0.000177
2032 Oct	42.5	0.0436	0.00596	0.00102	9.82	0.0389	3.65	0.00102	0.00102	0.00000512	0.00653	0.00107	0.0112	0.0147	0.00000512	13.2	0.0000108	0.000181
2032 Nov	43.2	0.0487	0.00589	0.00102	10.1	0.0394	3.76	0.00102	0.00102	0.00000511	0.00668	0.00107	0.0113	0.0149	0.00000511	13.4	0.0000111	0.000183
2032 Dec	43.7	0.054	0.00579	0.00102	10.3	0.0397	3.87	0.00102	0.00102	0.00000508	0.00681	0.00107	0.0113	0.0151	0.00000508	13.5	0.0000114	0.000184
2033 Jan	43.7	0.054	0.00579	0.00102	10.3	0.0397	3.87	0.00102	0.00102	0.00000508	0.00681	0.00107	0.0113	0.0151	0.00000508	13.5	0.0000114	0.000184
2033 Feb	43.7	0.054	0.00579	0.00102	10.3	0.0397	3.87	0.00102	0.00102	0.00000508	0.00681	0.00107	0.0113	0.0151	0.00000508	13.5	0.0000114	0.000184
2033 Mar	43.7	0.0541	0.0058	0.00102	10.3	0.0397	3.87	0.00102	0.00102	0.00000509	0.00682	0.00107	0.0113	0.0151	0.00000509	13.6	0.0000114	0.000184
2033 Apr	44	0.0544	0.00584	0.00102	10.4	0.04	3.9	0.00102	0.00102	0.00000512	0.00686	0.00108	0.0114	0.0152	0.00000512	13.6	0.0000115	0.000185
2033 May	65.1	0.0614	0.0135	0.00102	15.3	0.0312	5.44	0.00102	0.00102	0.0000051	0.00682	0.00143	0.0101	0.0273	0.0000051	22.8	0.000016	0.000306
2033 Jun	58.2	0.0359	0.0136	0.000966	12.4	0.0196	4.24	0.000966	0.000966	0.00000483	0.00685	0.00126	0.009	0.0242	0.00000483	19.8	0.000021	0.000301
2033 Jul	50.7	0.0263	0.0111	0.00101	10.4	0.0232	3.62	0.00101	0.00101	0.00000506	0.00694	0.00117	0.00936	0.0201	0.00000506	16.6	0.0000198	0.000256
2033 Aug	50.7	0.0261	0.0106	0.00106	10.6	0.0274	3.74	0.00106	0.00106	0.00000531	0.00696	0.00122	0.00979	0.0201	0.00000531	16.5	0.0000182	0.000246
2033 Sep	49.6	0.0592	0.00794	0.00102	11.4	0.0355	4.23	0.00102	0.00102	0.00000511	0.00727	0.00115	0.0108	0.0182	0.00000511	15.9	0.0000152	0.000221
2033 Oct	49.5	0.0986	0.00549	0.00098	12.4	0.0419	4.82	0.00098	0.00098	0.0000049	0.00804	0.00109	0.0112	0.017	0.0000049	15.5	0.0000147	0.0002
2033 Nov	49.9	0.102	0.00536	0.000985	12.5	0.0427	4.91	0.000985	0.000985	0.00000493	0.00816	0.0011	0.0113	0.017	0.00000493	15.6	0.0000148	0.0002
2033 Dec	49.9	0.102	0.00536	0.000985	12.5	0.0427	4.91	0.000985	0.000985	0.00000493	0.00816	0.0011	0.0113	0.017	0.00000493	15.6	0.0000148	0.0002
2034 Jan	49.9	0.102	0.00536	0.000985	12.5	0.0427	4.91	0.000985	0.000985	0.00000493	0.00816	0.0011	0.0113	0.017	0.00000493	15.6	0.0000148	0.0002

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Feb	49.9	0.102	0.00536	0.000986	12.5	0.0427	4.91	0.000986	0.000986	0.00000493	0.00816	0.0011	0.0113	0.017	0.00000493	15.6	0.0000148	0.0002
2034 Mar	50	0.102	0.00536	0.000986	12.5	0.0428	4.91	0.000986	0.000986	0.00000493	0.00816	0.0011	0.0113	0.0171	0.00000493	15.6	0.0000148	0.0002
2034 Apr	50.2	0.103	0.00539	0.000991	12.6	0.043	4.94	0.000991	0.000991	0.00000496	0.00821	0.0011	0.0114	0.0171	0.00000496	15.7	0.0000148	0.000201
2034 May	58.2	0.0984	0.00862	0.00101	14.4	0.0395	5.43	0.00101	0.00101	0.00000504	0.00806	0.00125	0.011	0.0219	0.00000504	19.2	0.0000162	0.000249
2034 Jun	62	0.0422	0.0145	0.000982	13.5	0.0206	4.63	0.000982	0.000982	0.00000491	0.00697	0.00133	0.00912	0.0261	0.00000491	21.4	0.0000212	0.000318
2034 Jul	48.3	0.0249	0.0102	0.00101	9.97	0.0254	3.53	0.00101	0.00101	0.00000506	0.00673	0.00116	0.00921	0.0191	0.00000506	15.7	0.000018	0.000235
2034 Aug	50.5	0.0267	0.0103	0.00108	10.6	0.029	3.77	0.00108	0.00108	0.00000541	0.00702	0.00123	0.00996	0.0199	0.00000541	16.4	0.0000178	0.000241
2034 Sep	50.2	0.0653	0.00774	0.00103	11.6	0.0363	4.36	0.00103	0.00103	0.00000517	0.00758	0.00116	0.0107	0.0184	0.00000517	16	0.000016	0.000219
2034 Oct	49.8	0.0963	0.00571	0.00099	12.3	0.0415	4.8	0.00099	0.00099	0.00000495	0.00805	0.0011	0.0111	0.0172	0.00000495	15.6	0.000015	0.000202
2034 Nov	50	0.0979	0.00567	0.000993	12.4	0.0419	4.85	0.000993	0.000993	0.00000497	0.00812	0.00111	0.0112	0.0172	0.00000497	15.7	0.000015	0.000202
2034 Dec	50	0.0979	0.00567	0.000994	12.4	0.042	4.85	0.000994	0.000994	0.00000497	0.00812	0.00111	0.0112	0.0173	0.00000497	15.7	0.000015	0.000202
2035 Jan	50	0.0979	0.00567	0.000994	12.4	0.042	4.85	0.000994	0.000994	0.00000497	0.00812	0.00111	0.0112	0.0173	0.00000497	15.7	0.000015	0.000202
2035 Feb	50.1	0.0979	0.00567	0.000994	12.4	0.042	4.85	0.000994	0.000994	0.00000497	0.00812	0.00111	0.0112	0.0173	0.00000497	15.7	0.000015	0.000202
2035 Mar	50.1	0.098	0.00567	0.000994	12.4	0.042	4.85	0.000994	0.000994	0.00000497	0.00812	0.00111	0.0112	0.0173	0.00000497	15.7	0.000015	0.000202
2035 Apr	50.3	0.0984	0.0057	0.000999	12.5	0.0422	4.87	0.000999	0.000999	0.00000499	0.00816	0.00111	0.0113	0.0173	0.00000499	15.8	0.0000151	0.000203
2035 May	53.9	0.0984	0.00694	0.00102	13.3	0.0415	5.13	0.00102	0.00102	0.00000509	0.00822	0.00118	0.0113	0.0193	0.00000509	17.3	0.0000158	0.000224
2035 Jun	42.3	0.0204	0.00884	0.000969	7.93	0.0201	2.73	0.000969	0.000969	0.00000485	0.00714	0.000975	0.00953	0.0151	0.00000485	12.8	0.0000214	0.000227
2035 Jul	37.7	0.0124	0.00732	0.00101	6.66	0.0228	2.34	0.00101	0.00101	0.00000506	0.00719	0.000937	0.00978	0.0127	0.00000506	10.8	0.0000205	0.000198
2035 Aug	40.3	0.0219	0.00698	0.00103	8.15	0.0304	2.9	0.00103	0.00103	0.00000517	0.00678	0.00101	0.0108	0.0137	0.00000517	12	0.0000156	0.000196
2035 Sep	46	0.0733	0.00565	0.000991	11.1	0.0399	4.21	0.000991	0.000991	0.00000495	0.00734	0.00105	0.0115	0.0155	0.00000495	14.3	0.000013	0.000195
2035 Oct	48.5	0.0958	0.0052	0.000985	12.1	0.0425	4.72	0.000985	0.000985	0.00000492	0.00795	0.00108	0.0115	0.0164	0.00000492	15.1	0.0000141	0.000196
2035 Nov	48.7	0.1	0.00505	0.000975	12.2	0.0428	4.8	0.000975	0.000975	0.00000488	0.00803	0.00107	0.0114	0.0164	0.00000488	15.1	0.0000142	0.000194
2035 Dec	48.7	0.1	0.00505	0.000976	12.3	0.0428	4.8	0.000976	0.000976	0.00000488	0.00803	0.00107	0.0114	0.0164	0.00000488	15.1	0.0000142	0.000194
2036 Jan	48.7	0.1	0.00505	0.000976	12.3	0.0428	4.8	0.000976	0.000976	0.00000488	0.00803	0.00107	0.0114	0.0164	0.00000488	15.1	0.0000142	0.000194
2036 Feb	48.7	0.1	0.00505	0.000976	12.3	0.0428	4.8	0.000976	0.000976	0.00000488	0.00803	0.00107	0.0114	0.0164	0.00000488	15.1	0.0000142	0.000194
2036 Mar	48.7	0.1	0.00505	0.000976	12.3	0.0428	4.8	0.000976	0.000976	0.00000488	0.00803	0.00107	0.0114	0.0164	0.00000488	15.1	0.0000142	0.000194
2036 Apr	49.8	0.101	0.00537	0.000981	12.5	0.0428	4.9	0.000981	0.000981	0.00000491	0.00805	0.00109	0.0114	0.017	0.00000491	15.6	0.0000143	0.0002
2036 May	53.7	0.104	0.00649	0.001	13.5	0.0429	5.21	0.001	0.001	0.00000502	0.00816	0.00117	0.0115	0.019	0.00000502	17.2	0.0000148	0.000219
2036 Jun	42.1	0.0282	0.00807	0.000986	8.1	0.0231	2.86	0.000986	0.000986	0.00000493	0.00739	0.000974	0.00995	0.0146	0.00000493	12.6	0.000021	0.00022
2036 Jul	36.5	0.012	0.00674	0.00101	6.63	0.0255	2.4	0.00101	0.00101	0.00000507	0.00689	0.000951	0.00954	0.0125	0.00000507	10.5	0.0000183	0.000181
2036 Aug	38.8	0.0147	0.0069	0.00107	7.39	0.0294	2.69	0.00107	0.00107	0.00000533	0.00698	0.00102	0.0101	0.0134	0.00000533	11.4	0.0000171	0.000184
2036 Sep	42	0.0383	0.0064	0.00104	9.04	0.0345	3.35	0.00104	0.00104	0.00000521	0.00707	0.00105	0.0109	0.0144	0.00000521	12.7	0.0000148	0.000189
2036 Oct	46.3	0.0776	0.00557	0.00101	11	0.0397	4.27	0.00101	0.00101	0.00000503	0.00774	0.00107	0.0112	0.0157	0.00000503	14.2	0.0000147	0.000193
2036 Nov	46.9	0.0828	0.00545	0.001	11.3	0.0404	4.39	0.001	0.001	0.000005	0.00783	0.00107	0.0112	0.0159	0.000005	14.4	0.0000147	0.000193
2036 Dec	47	0.0842	0.00541	0.000998	11.4	0.0405	4.42	0.000998	0.000998	0.00000499	0.00785	0.00107	0.0112	0.0159	0.00000499	14.5	0.0000147	0.000193
2037 Jan	47	0.0842	0.00541	0.000998	11.4	0.0405	4.42	0.000998	0.000998	0.00000499	0.00785	0.00107	0.0112	0.0159	0.00000499	14.5	0.0000147	0.000193
2037 Feb	47	0.0843	0.00541	0.000998	11.4	0.0405	4.42	0.000998	0.000998	0.00000499	0.00785	0.00107	0.0112	0.0159	0.00000499	14.5	0.0000147	0.000193
2037 Mar	47.1	0.0844	0.00542	0.001	11.4	0.0406	4.43	0.001	0.001	0.000005	0.00786	0.00107	0.0112	0.0159	0.000005	14.5	0.0000147	0.000193
2037 Apr	47.2	0.0846	0.00544	0.001	11.4	0.0407	4.44	0.001	0.001	0.00000501	0.00789	0.00107	0.0112	0.016	0.00000501	14.6	0.0000148	0.000194
2037 May	68.2	0.0772	0.0139	0.001	16.2	0.0307	5.82	0.001	0.001	0.00000502	0.00731	0.00145	0.0099	0.0286	0.00000502	23.9	0.000018	0.000319
2037 Jun	61.2	0.0398	0.0144	0.00097	13.3	0.0198	4.54	0.00097	0.00097	0.00000485	0.00686	0.00131	0.00897	0.0258	0.00000485	21.2	0.0000211	0.000315
2037 Jul	53.6	0.0296	0.0119	0.00102	11.1	0.023	3.86	0.00102	0.00102	0.00000512	0.00708	0.00122	0.00948	0.0215	0.00000512	17.7	0.0000205	0.000272
2037 Aug	53.5	0.0305	0.0113	0.00106	11.3	0.0271	3.97	0.00106	0.00106	0.00000532	0.00708	0.00125	0.01	0.0213	0.00000532	17.6	0.0000188	0.000263
2037 Sep	53.6	0.0437	0.0103	0.00107	11.8	0.0313	4.21	0.00107	0.00107	0.00000536	0.00731	0.00124	0.0107	0.0207	0.00000536	17.5	0.0000176	0.000255
2037 Oct	51.8	0.0751	0.00771	0.00103	12.2	0.0373	4.59	0.00103	0.00103	0.00000513	0.00778	0.00117	0.011	0.0188	0.00000513	16.5	0.0000162	0.000226
2037 Nov	51.8	0.0793	0.00743	0.00102	12.3	0.0382	4.66	0.00102	0.00102	0.00000512	0.00786	0.00116	0.0111	0.0187	0.00000512	16.5	0.0000161	0.000224
2037 Dec	51.8	0.0794	0.00743	0.00102	12.3	0.0382	4.66	0.00102	0.00102	0.00000512	0.00787	0.00116	0.0111	0.0187	0.00000512	16.5	0.0000161	0.000224
2038 Jan	51.8	0.0794	0.00743	0.00102	12.3	0.0382	4.66	0.00102	0.00102	0.00000512	0.00787	0.00116	0.0111	0.0187	0.00000512	16.5	0.0000161	0.000224
2038 Feb	51.8	0.0794	0.00743	0.00102	12.3	0.0382	4.66	0.00102	0.00102	0.00000512	0.00787	0.00116	0.0111	0.0187	0.00000512	16.5	0.0000161	0.000224
2038 Mar	51.8	0.0794	0.00743	0.00102	12.3	0.0382	4.66	0.00102	0.00102	0.00000512	0.00787	0.00116	0.0111	0.0187	0.00000512	16.5	0.0000161	0.000224
2038 Apr	52	0.0796	0.00746	0.00103	12.3	0.0383	4.67	0.00103	0.00103	0.00000514	0.0079	0.00117	0.0111	0.0187	0.00000514	16.6	0.0000162	0.000225
2038 May	60.3	0.0784	0.0107	0.00103	14.3	0.035	5.26	0.00103	0.00103	0.00000517	0.00774	0.00132	0.0107	0.0237	0.00000517	20.2	0.0000174	0.000273
2038 Jun	63.9	0.043	0.015	0.000992	13.9	0.0205	4.78	0.000992	0.000992	0.00000496	0.007	0.00137	0.00916	0.0271	0.00000496	22.2	0.0000214	0.000327
2038 Jul	59.9	0.036	0.0136	0.00107	12.6	0.0226	4.32	0.00107	0.00107	0.00000533	0.00754	0.00132	0.00998	0.0244	0.00000533	20.1	0.0000226	0.000309
2038 Aug	58.8	0.0385	0.0125	0.0011	12.7	0.0284	4.41	0.0011	0.0011	0.00000551	0.00744	0.00133	0.0109	0.0233	0.00000551	19.5	0.0000196	0.000294
2038 Sep	56.4	0.0543	0.0105	0.00108	12.7	0.0332	4.55	0.00108	0.00108	0.0000054	0.00755	0.00127	0.0114	0.0215	0.0000054	18.5	0.0000176	0.000269
2038 Oct	54.4	0.0741	0.00858	0.00105	12.8	0.0372	4.74	0.00105	0.00105	0.00000525	0.00785	0.00121	0.0114	0.02	0.00000525	17.5	0.0000166	0.000244
2038 Nov	54.4	0.0757	0.00847	0.00105	12.8	0.0376	4.76	0.00105	0.00105	0.00000525	0.00789	0.00121	0.0115	0.0199	0.00000525	17.5	0.0000166	0.000243
2038 Dec	54.4	0.0758	0.00847	0.00105	12.8	0.0376	4.77	0.00105	0.00105	0.00000525	0.0079	0.00121	0.0115	0.0199	0.00000525	17.5	0.0000166	0.000243
2039 Jan	54.4	0.0758	0.0085	0.00105	12.8	0.0376	4.77	0.00105	0.00105	0.00000525	0.0079	0.00121	0.0115	0.0199	0.00000525	17.5	0.0000166	0.000243
2039 Feb	54.5	0.0758	0.00855	0.00105	12.8	0.0376	4.77	0.00105	0.00105	0.00000525	0.0079	0.00121	0.0115	0.0199	0.00000525	17.5	0.0000166	0.000243
2039 Mar	54.5	0.0759	0.00858	0.00105	12.8	0.0376	4.77	0.00105	0.00105	0.00000526	0.0079	0.00121	0.0115	0.02	0.00000526	17.5	0.0000166	0.000243
2039 Apr	54.7	0.0761	0.00861	0.00106	12.9	0.0377	4.79	0.00105	0.00105	0.00000527	0.00793	0.00122	0.0115	0.02	0.00000527	17.6	0.0000167	0.000244
2039 May	55.7	0.0774	0.00881	0.00107	13.1	0.0383	4.88	0.00107	0.00107	0.00000536	0.00806	0.00124	0.0117	0.0204	0.00000536	18	0.000017	0.000249
2039 Jun	63.9	0.0846	0.117	0.00303	18.3	0.0273	7.17	0.000984	0.000984	0.00000495	0.00705	0.000934	0.0166	0.0124	0.00000503	11.6	0.0000205	0.000212
2039 Jul	62.6	0.0797	0.126	0.00322	19	0.0328	7.6	0.000982	0.000982	0.00000495	0.00597	0.00098	0.0162	0.0121	0.00000503	10.9	0.0000146	0.000168
2039 Aug	56.3	0.0631	0.091	0.00262	16.7	0.0406	6.72	0.00103	0.00103	0.00000517	0.00539	0.00111	0.0141	0.0138	0.00000523	11.9	0.00000847	0.000143
2039 Sep	56.1	0.0706	0.0763	0.00236	16.2	0.0423	6.49	0.00105	0.00105	0.00000525	0.00596	0.00113	0.014	0.0147	0.0000053	12.9	0.0000094	0.000157

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Oct	55	0.0793	0.0613	0.00207	15.5	0.0428	6.2	0.00103	0.00103	0.00000519	0.00648	0.00112	0.0135	0.0152	0.00000523	13.5	0.0000106	0.000166
2039 Nov	55.1	0.0797	0.0612	0.00207	15.6	0.0429	6.21	0.00104	0.00104	0.0000052	0.00651	0.00113	0.0136	0.0152	0.00000524	13.5	0.0000106	0.000166
2039 Dec	55.2	0.0797	0.0612	0.00207	15.6	0.043	6.22	0.00104	0.00104	0.00000521	0.00652	0.00113	0.0136	0.0152	0.00000524	13.6	0.0000106	0.000166
2040 Jan	55.2	0.0797	0.0612	0.00207	15.6	0.043	6.22	0.00104	0.00104	0.00000521	0.00652	0.00113	0.0136	0.0152	0.00000524	13.6	0.0000106	0.000166
2040 Feb	55.2	0.0797	0.0612	0.00207	15.6	0.043	6.22	0.00104	0.00104	0.00000521	0.00652	0.00113	0.0136	0.0152	0.00000525	13.6	0.0000106	0.000166
2040 Mar	55.2	0.0798	0.0613	0.00208	15.6	0.043	6.22	0.00104	0.00104	0.00000521	0.00652	0.00113	0.0136	0.0152	0.00000525	13.6	0.0000106	0.000167
2040 Apr	55.4	0.0801	0.0615	0.00208	15.6	0.0431	6.24	0.00104	0.00104	0.00000523	0.00654	0.00113	0.0136	0.0153	0.00000527	13.6	0.0000107	0.000167
2040 May	62.3	0.0834	0.0641	0.00209	17.3	0.0408	6.75	0.00105	0.00105	0.00000526	0.00663	0.00124	0.0135	0.019	0.0000053	16.5	0.0000123	0.000208
2040 Jun	160	0.312	0.511	0.0103	59.9	0.0431	24.9	0.000955	0.000955	0.00000492	0.00577	0.0011	0.0405	0.0144	0.00000528	16.1	0.000019	0.000266
2040 Jul	156	0.305	0.507	0.0103	58.7	0.0456	24.5	0.001	0.001	0.00000517	0.00599	0.00107	0.0408	0.0121	0.00000552	14.3	0.0000188	0.000243
2040 Aug	130	0.24	0.391	0.00818	47.5	0.0459	19.7	0.00104	0.00104	0.0000053	0.00597	0.00111	0.034	0.0131	0.00000557	14.2	0.0000157	0.000224
2040 Sep	107	0.192	0.282	0.00616	37.5	0.0459	15.4	0.00104	0.00104	0.00000526	0.0062	0.00111	0.0281	0.014	0.00000546	14.5	0.0000137	0.000219
2040 Oct	101	0.189	0.25	0.00556	34.9	0.0464	14.4	0.00103	0.00103	0.00000523	0.00664	0.00112	0.0263	0.0146	0.0000054	14.9	0.0000141	0.000218
2040 Nov	101	0.19	0.25	0.00557	35.1	0.0467	14.4	0.00103	0.00103	0.00000524	0.00669	0.00112	0.0263	0.0147	0.00000542	15	0.0000142	0.000219
2040 Dec	101	0.19	0.25	0.00557	35.1	0.0467	14.4	0.00103	0.00103	0.00000524	0.00669	0.00112	0.0263	0.0147	0.00000542	15	0.0000142	0.000219
2041 Jan	101	0.19	0.25	0.00557	35.1	0.0467	14.4	0.00103	0.00103	0.00000525	0.00669	0.00112	0.0263	0.0147	0.00000542	15	0.0000142	0.000219
2041 Feb	102	0.19	0.25	0.00557	35.1	0.0467	14.4	0.00103	0.00103	0.00000525	0.00669	0.00112	0.0264	0.0147	0.00000542	15	0.0000142	0.000219
2041 Mar	102	0.191	0.25	0.00557	35.1	0.0467	14.4	0.00104	0.00104	0.00000525	0.00669	0.00112	0.0264	0.0147	0.00000542	15.1	0.0000142	0.000219
2041 Apr	102	0.191	0.251	0.00559	35.2	0.0469	14.5	0.00104	0.00104	0.00000526	0.00671	0.00113	0.0264	0.0148	0.00000544	15.1	0.0000143	0.00022
2041 May	103	0.188	0.245	0.00546	35.1	0.0459	14.4	0.00105	0.00105	0.0000053	0.00677	0.00118	0.0259	0.0164	0.00000547	16.3	0.0000148	0.000236
2041 Jun	143	0.274	0.442	0.00905	52.7	0.043	22.4	0.000971	0.000971	0.00000498	0.00607	0.00104	0.0376	0.0126	0.0000053	14.4	0.0000186	0.000245
2041 Jul	152	0.293	0.487	0.00989	57.5	0.0483	24.7	0.000983	0.000983	0.00000506	0.00545	0.00109	0.0402	0.0123	0.00000541	14.3	0.0000155	0.000226
2041 Aug	133	0.245	0.399	0.00831	49.2	0.0491	21	0.00103	0.00103	0.00000529	0.00567	0.00114	0.0352	0.0134	0.00000558	14.6	0.0000138	0.000219
2041 Sep	114	0.207	0.308	0.00664	40.8	0.0486	17.3	0.00104	0.00104	0.0000053	0.00603	0.00114	0.0302	0.0142	0.00000552	14.9	0.0000128	0.000217
2041 Oct	99.3	0.186	0.236	0.00529	34.2	0.0478	14.4	0.00103	0.00103	0.00000521	0.00666	0.00113	0.0258	0.015	0.00000538	15.2	0.0000134	0.000214
2041 Nov	99.4	0.187	0.235	0.00527	34.2	0.048	14.4	0.00103	0.00103	0.00000522	0.00674	0.00114	0.0257	0.0151	0.00000539	15.3	0.0000136	0.000215
2041 Dec	99.4	0.187	0.235	0.00527	34.2	0.0481	14.4	0.00103	0.00103	0.00000523	0.00674	0.00114	0.0258	0.0151	0.00000539	15.3	0.0000136	0.000215
2042 Jan	99.4	0.187	0.235	0.00527	34.2	0.0481	14.4	0.00103	0.00103	0.00000523	0.00674	0.00114	0.0258	0.0151	0.00000539	15.3	0.0000136	0.000215
2042 Feb	99.4	0.187	0.235	0.00527	34.2	0.0481	14.4	0.00103	0.00103	0.00000523	0.00674	0.00114	0.0258	0.0151	0.00000539	15.3	0.0000136	0.000215
2042 Mar	99.5	0.187	0.235	0.00527	34.2	0.0481	14.4	0.00103	0.00103	0.00000523	0.00675	0.00114	0.0258	0.0151	0.0000054	15.3	0.0000136	0.000215
2042 Apr	100	0.188	0.236	0.0053	34.4	0.0484	14.5	0.00104	0.00104	0.00000526	0.00679	0.00115	0.0259	0.0152	0.00000543	15.4	0.0000137	0.000216
2042 May	102	0.185	0.229	0.00516	34.4	0.0477	14.4	0.00106	0.00106	0.00000536	0.00693	0.00121	0.0254	0.0171	0.00000552	16.8	0.0000145	0.000235
2042 Jun	129	0.237	0.375	0.00777	46.6	0.0415	20.1	0.000984	0.000984	0.00000504	0.00631	0.00107	0.034	0.0136	0.0000053	14.8	0.0000187	0.000248
2042 Jul	121	0.216	0.357	0.00745	43.9	0.0432	19.1	0.00099	0.00099	0.00000506	0.00572	0.00106	0.0323	0.0125	0.00000532	13.4	0.0000155	0.000211
2042 Aug	138	0.261	0.412	0.00841	51.2	0.0503	22.4	0.000971	0.000971	0.00000498	0.0054	0.0011	0.0376	0.0132	0.00000528	15.2	0.0000124	0.000236
2042 Sep	141	0.275	0.415	0.00843	52.1	0.0515	22.9	0.000971	0.000971	0.00000498	0.00585	0.00111	0.0381	0.0137	0.00000528	15.8	0.0000136	0.000244
2042 Oct	151	0.306	0.456	0.00916	56.4	0.0522	25	0.000963	0.000963	0.00000495	0.00623	0.00111	0.0405	0.0138	0.00000529	16.2	0.0000158	0.000249
2042 Nov	152	0.308	0.458	0.0092	56.6	0.0525	25.1	0.000967	0.000967	0.00000498	0.00627	0.00112	0.0406	0.0139	0.00000531	16.3	0.0000159	0.00025
2042 Dec	152	0.308	0.458	0.0092	56.6	0.0525	25.2	0.000968	0.000967	0.00000498	0.00627	0.00112	0.0407	0.0139	0.00000531	16.3	0.0000159	0.00025
2043 Jan	152	0.308	0.458	0.0092	56.6	0.0525	25.2	0.000968	0.000968	0.00000498	0.00627	0.00112	0.0407	0.0139	0.00000531	16.3	0.0000159	0.00025
2043 Feb	152	0.308	0.458	0.0092	56.6	0.0525	25.2	0.000968	0.000968	0.00000498	0.00627	0.00112	0.0407	0.0139	0.00000531	16.3	0.0000159	0.00025
2043 Mar	152	0.308	0.458	0.00921	56.6	0.0525	25.2	0.000968	0.000968	0.00000498	0.00627	0.00112	0.0407	0.0139	0.00000531	16.3	0.0000159	0.00025
2043 Apr	153	0.31	0.461	0.00926	57	0.0528	25.3	0.000973	0.000973	0.00000501	0.00631	0.00112	0.0409	0.014	0.00000535	16.4	0.000016	0.000252
2043 May	152	0.297	0.437	0.00882	55.6	0.0509	24.5	0.000995	0.000995	0.00000511	0.00644	0.00121	0.0392	0.0169	0.00000543	18.4	0.0000169	0.000277
2043 Jun	144	0.262	0.437	0.0087	52.5	0.0419	23.4	0.000967	0.000967	0.00000497	0.00608	0.00109	0.0382	0.014	0.00000528	15.6	0.0000195	0.000267
2043 Jul	123	0.211	0.354	0.00727	43.5	0.0417	19.3	0.00103	0.00103	0.00000528	0.00644	0.00109	0.0331	0.0133	0.00000554	14.3	0.000019	0.000242
2043 Aug	110	0.18	0.289	0.00613	37.8	0.0439	16.6	0.00107	0.00107	0.00000546	0.00652	0.00114	0.0297	0.0143	0.00000567	14.8	0.0000166	0.000238
2043 Sep	91.7	0.148	0.205	0.00462	30.2	0.0444	13	0.00106	0.00106	0.00000536	0.00662	0.00113	0.0248	0.0149	0.00000551	14.9	0.0000142	0.000228
2043 Oct	93.5	0.172	0.205	0.00459	31.1	0.0461	13.6	0.00102	0.00102	0.00000519	0.00707	0.00113	0.0247	0.0153	0.00000533	15.5	0.000015	0.000226
2043 Nov	98.3	0.194	0.222	0.00486	33.2	0.0475	14.6	0.001	0.001	0.00000507	0.00729	0.00112	0.0257	0.0156	0.00000523	15.9	0.0000155	0.000227
2043 Dec	98.4	0.194	0.222	0.00486	33.2	0.0476	14.7	0.001	0.001	0.00000507	0.00729	0.00112	0.0257	0.0156	0.00000523	15.9	0.0000155	0.000227
2044 Jan	98.4	0.194	0.222	0.00486	33.2	0.0476	14.7	0.001	0.001	0.00000507	0.0073	0.00112	0.0257	0.0156	0.00000523	15.9	0.0000155	0.000227
2044 Feb	98.4	0.194	0.222	0.00487	33.2	0.0476	14.7	0.001	0.001	0.00000508	0.0073	0.00112	0.0257	0.0156	0.00000524	15.9	0.0000156	0.000227
2044 Mar	98.5	0.194	0.222	0.00487	33.2	0.0476	14.7	0.001	0.001	0.00000508	0.00731	0.00112	0.0258	0.0156	0.00000524	15.9	0.0000156	0.000228
2044 Apr	98.8	0.194	0.223	0.00488	33.3	0.0478	14.7	0.00101	0.00101	0.00000509	0.00733	0.00113	0.0258	0.0156	0.00000525	16	0.0000156	0.000228
2044 May	101	0.196	0.224	0.00491	33.8	0.0482	14.9	0.00102	0.00102	0.00000519	0.00745	0.00116	0.026	0.0164	0.00000535	16.6	0.000016	0.000236
2044 Jun	133	0.237	0.4	0.00789	47.6	0.0408	21.7	0.000966	0.000966	0.00000495	0.00624	0.00105	0.0362	0.0131	0.00000524	14.6	0.0000196	0.000255
2044 Jul	121	0.203	0.347	0.00699	41.9	0.0403	19.1	0.00104	0.00104	0.0000053	0.00672	0.00108	0.0331	0.0131	0.00000555	14.1	0.0000204	0.000249
2044 Aug	118	0.194	0.324	0.00663	40.4	0.0432	18.2	0.0011	0.0011	0.00000561	0.00699	0.00115	0.0324	0.0141	0.00000584	14.9	0.0000197	0.000255
2044 Sep	81.2	0.134	0.159	0.0037	25.7	0.0438	11.1	0.00103	0.00103	0.00000522	0.00688	0.00111	0.022	0.015	0.00000533	14.9	0.0000141	0.000224
2044 Oct	92.4	0.173	0.202	0.00442	30.5	0.0461	13.6	0.001	0.001	0.00000508	0.00714	0.00111	0.0246	0.0153	0.00000522	15.6	0.0000151	0.000227
2044 Nov	94.7	0.18	0.211	0.00457	31.5	0.0466	14	0.001	0.001	0.00000507	0.0072	0.00112	0.0251	0.0154	0.00000522	15.7	0.0000153	0.000228
2044 Dec	94.7	0.18	0.211	0.00457	31.5	0.0466	14.1	0.001	0.001	0.00000508	0.0072	0.00112	0.0251	0.0154	0.00000523	15.7	0.0000153	0.000228
2045 Jan	94.7	0.18	0.211	0.00457	31.5	0.0466	14.1	0.001	0.001	0.00000508	0.0072	0.00112	0.0251	0.0154	0.00000523	15.7	0.0000153	0.000228
2045 Feb	94.7	0.18	0.211	0.00457	31.5	0.0466	14.1	0.001	0.001	0.00000508	0.0072	0.00112	0.0251	0.0154	0.00000523	15.7	0.0000153	0.000228
2045 Mar	94.8	0.18	0.211	0.00458	31.5	0.0466	14.1	0.001	0.001	0.00000508	0.00721	0.00112	0.0252	0.0155	0.00000523	15.8	0.0000153	0.000229
2045 Apr	95.1	0.181	0.212	0.00459	31.6	0.0468	14.1	0.00101	0.00101	0.00000509	0.00722	0.00112	0.0252	0.0155	0.00000524	15.8	0.0000154	0.000229
2045 May	96.7	0.184	0.215	0.00467	32.2	0.0476	14.3	0.00102	0.00102	0.00000518	0.00735	0.00114	0.0257	0.0158	0.00000533	16.1	0.0000156	0.000233

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Jun	118	0.208	0.34	0.0067	41.1	0.0412	19.2	0.000983	0.000983	0.00000502	0.00661	0.00105	0.0331	0.0131	0.00000527	14.3	0.0000193	0.000245
2045 Jul	112	0.183	0.317	0.00632	38.1	0.0396	17.9	0.00103	0.00103	0.00000524	0.00665	0.00107	0.0314	0.0131	0.00000547	13.9	0.0000197	0.00024
2045 Aug	101	0.158	0.262	0.00541	33.5	0.0418	15.5	0.00106	0.00106	0.00000539	0.00664	0.00111	0.0283	0.0139	0.00000558	14.3	0.0000173	0.000234
2045 Sep	86.1	0.135	0.189	0.00415	27.5	0.0428	12.4	0.00105	0.00105	0.00000531	0.00677	0.00111	0.0239	0.0146	0.00000544	14.6	0.0000151	0.000226
2045 Oct	83.6	0.134	0.174	0.0039	26.4	0.0434	11.8	0.00105	0.00105	0.00000532	0.00698	0.00112	0.023	0.015	0.00000545	14.8	0.0000152	0.000225
2045 Nov	83.9	0.135	0.174	0.00392	26.4	0.0435	11.9	0.00106	0.00106	0.00000534	0.007	0.00113	0.0231	0.015	0.00000546	14.9	0.0000153	0.000226
2045 Dec	83.9	0.135	0.174	0.00392	26.5	0.0435	11.9	0.00106	0.00106	0.00000534	0.007	0.00113	0.0231	0.015	0.00000546	14.9	0.0000153	0.000226
2046 Jan	83.9	0.135	0.174	0.00392	26.5	0.0435	11.9	0.00106	0.00106	0.00000534	0.00701	0.00113	0.0231	0.015	0.00000547	14.9	0.0000153	0.000226
2046 Feb	83.9	0.135	0.174	0.00392	26.5	0.0435	11.9	0.00106	0.00106	0.00000534	0.00701	0.00113	0.0231	0.015	0.00000547	14.9	0.0000153	0.000226
2046 Mar	84.1	0.135	0.175	0.00392	26.5	0.0436	11.9	0.00106	0.00106	0.00000535	0.00702	0.00113	0.0231	0.0151	0.00000547	14.9	0.0000153	0.000226
2046 Apr	84.5	0.136	0.176	0.00395	26.7	0.0438	11.9	0.00107	0.00107	0.00000538	0.00706	0.00113	0.0232	0.0151	0.0000055	15	0.0000154	0.000228
2046 May	86.2	0.136	0.173	0.00391	26.9	0.0438	12	0.00108	0.00108	0.00000546	0.00717	0.00118	0.0231	0.0164	0.00000558	15.9	0.0000159	0.00024
2046 Jun	114	0.189	0.32	0.00619	38.6	0.0394	18.3	0.000992	0.000992	0.00000506	0.00657	0.00109	0.0316	0.0144	0.00000529	15.1	0.0000194	0.000256
2046 Jul	107	0.172	0.308	0.00594	36.3	0.0412	17.4	0.00101	0.00101	0.00000515	0.00623	0.00109	0.0301	0.0133	0.00000536	13.8	0.0000172	0.000224
2046 Aug	95.6	0.146	0.248	0.005	31.5	0.0431	14.8	0.00105	0.00105	0.00000531	0.00625	0.00113	0.0269	0.0141	0.00000548	14.2	0.0000149	0.000219
2046 Sep	91.3	0.154	0.217	0.00443	29.9	0.0453	13.9	0.001	0.001	0.00000508	0.00649	0.00111	0.0255	0.0148	0.00000524	15	0.0000135	0.000223
2046 Oct	115	0.215	0.317	0.00602	39.4	0.048	19	0.000981	0.000981	0.000005	0.00678	0.00112	0.0321	0.0149	0.00000523	16	0.0000161	0.000241
2046 Nov	121	0.228	0.346	0.00647	42	0.0487	20.3	0.000981	0.00098	0.00000501	0.00677	0.00113	0.034	0.0149	0.00000525	16.2	0.0000166	0.000246
2046 Dec	121	0.229	0.346	0.00648	42.1	0.0488	20.3	0.000981	0.000981	0.00000501	0.00678	0.00113	0.034	0.0149	0.00000526	16.2	0.0000166	0.000246
2047 Jan	121	0.229	0.346	0.00648	42.1	0.0488	20.3	0.000981	0.000981	0.00000501	0.00678	0.00113	0.034	0.0149	0.00000526	16.2	0.0000166	0.000246
2047 Feb	121	0.229	0.346	0.00648	42.1	0.0488	20.4	0.000982	0.000981	0.00000501	0.00678	0.00113	0.034	0.0149	0.00000526	16.2	0.0000166	0.000246
2047 Mar	121	0.229	0.347	0.0065	42.2	0.0489	20.4	0.000984	0.000984	0.00000502	0.00679	0.00113	0.0341	0.015	0.00000527	16.3	0.0000166	0.000247
2047 Apr	122	0.23	0.348	0.00651	42.3	0.049	20.5	0.000987	0.000986	0.00000504	0.00681	0.00114	0.0342	0.015	0.00000529	16.3	0.0000167	0.000247
2047 May	126	0.228	0.349	0.0065	43.1	0.0472	20.7	0.000995	0.000995	0.00000508	0.00677	0.00121	0.034	0.0174	0.00000533	18.1	0.0000175	0.000272
2047 Jun	112	0.177	0.321	0.00589	37	0.037	18	0.000991	0.000991	0.00000505	0.00666	0.0011	0.0311	0.015	0.00000527	15.4	0.0000208	0.000265
2047 Jul	90.6	0.127	0.228	0.00449	28.1	0.0346	13.4	0.00105	0.00105	0.00000533	0.00714	0.00109	0.0253	0.0144	0.00000549	14.2	0.0000213	0.000248
2047 Aug	86.7	0.118	0.201	0.00411	26.4	0.0376	12.4	0.00109	0.00109	0.00000553	0.0072	0.00114	0.0242	0.0152	0.00000566	14.7	0.0000195	0.000247
2047 Sep	74.3	0.112	0.137	0.00308	22.1	0.041	10	0.00104	0.00104	0.00000526	0.0071	0.00112	0.0205	0.0155	0.00000535	15	0.0000156	0.000229
2047 Oct	87.9	0.158	0.196	0.00395	27.9	0.0446	13.2	0.001	0.001	0.00000507	0.00727	0.00112	0.0241	0.0156	0.0000052	15.7	0.0000161	0.00023
2047 Nov	91.2	0.167	0.21	0.00416	29.3	0.0454	14	0.000997	0.000997	0.00000505	0.00731	0.00112	0.0251	0.0157	0.00000519	15.9	0.0000162	0.000232
2047 Dec	91.2	0.167	0.21	0.00417	29.3	0.0454	14	0.000998	0.000998	0.00000505	0.00731	0.00112	0.0251	0.0157	0.0000052	15.9	0.0000162	0.000232
2048 Jan	91.3	0.168	0.21	0.00417	29.3	0.0454	14	0.000998	0.000998	0.00000505	0.00731	0.00112	0.0251	0.0157	0.0000052	15.9	0.0000162	0.000232
2048 Feb	91.3	0.168	0.211	0.00417	29.3	0.0455	14	0.000998	0.000998	0.00000505	0.00731	0.00112	0.0251	0.0157	0.0000052	15.9	0.0000162	0.000232
2048 Mar	91.3	0.168	0.211	0.00417	29.3	0.0455	14	0.000999	0.000998	0.00000505	0.00731	0.00112	0.0251	0.0157	0.0000052	15.9	0.0000162	0.000232
2048 Apr	91.8	0.168	0.211	0.00418	29.5	0.0456	14.1	0.001	0.001	0.00000508	0.00734	0.00113	0.0252	0.0159	0.00000522	16.1	0.0000163	0.000234
2048 May	93.7	0.171	0.215	0.00426	30	0.0464	14.3	0.00102	0.00102	0.00000517	0.00748	0.00116	0.0256	0.0163	0.00000532	16.4	0.0000166	0.000239
2048 Jun	106	0.175	0.308	0.00551	34.9	0.04	17.3	0.000992	0.000992	0.00000505	0.00685	0.00107	0.0305	0.0139	0.00000526	14.7	0.0000195	0.000248
2048 Jul	88.5	0.126	0.242	0.00448	27.9	0.0376	13.7	0.00103	0.00103	0.00000522	0.00659	0.00108	0.0254	0.0136	0.00000538	13.4	0.0000181	0.000221
2048 Aug	76.9	0.105	0.178	0.00354	23.6	0.0414	11.2	0.00103	0.00103	0.0000052	0.00617	0.00111	0.022	0.0143	0.00000532	13.9	0.0000131	0.000209
2048 Sep	80.5	0.123	0.184	0.0036	25.1	0.0441	11.9	0.00101	0.00101	0.00000513	0.00638	0.00111	0.0231	0.0149	0.00000525	14.8	0.0000126	0.000219
2048 Oct	91	0.158	0.227	0.00421	29.3	0.0456	14.3	0.000996	0.000996	0.00000504	0.00683	0.00112	0.0258	0.0153	0.0000052	15.6	0.0000147	0.000229
2048 Nov	94.7	0.168	0.242	0.00442	30.7	0.0462	15.1	0.000995	0.000995	0.00000504	0.00698	0.00113	0.0268	0.0155	0.00000521	15.8	0.0000154	0.000233
2048 Dec	94.7	0.169	0.242	0.00442	30.7	0.0462	15.1	0.000995	0.000995	0.00000505	0.00698	0.00113	0.0268	0.0155	0.00000521	15.8	0.0000154	0.000233
2049 Jan	94.7	0.169	0.242	0.00442	30.7	0.0462	15.1	0.000995	0.000995	0.00000505	0.00698	0.00113	0.0268	0.0155	0.00000521	15.8	0.0000154	0.000233
2049 Feb	94.7	0.169	0.242	0.00442	30.7	0.0462	15.1	0.000996	0.000995	0.00000505	0.00698	0.00113	0.0268	0.0155	0.00000521	15.8	0.0000154	0.000233
2049 Mar	94.8	0.169	0.242	0.00443	30.7	0.0463	15.1	0.000996	0.000996	0.00000505	0.00699	0.00113	0.0268	0.0155	0.00000521	15.9	0.0000154	0.000233
2049 Apr	95.2	0.169	0.244	0.00445	30.8	0.0465	15.2	0.001	0.001	0.00000507	0.00702	0.00113	0.0269	0.0156	0.00000524	15.9	0.0000155	0.000234
2049 May	96.8	0.169	0.241	0.00442	31.1	0.0465	15.2	0.00102	0.00102	0.00000516	0.00714	0.00118	0.0269	0.0167	0.00000532	16.8	0.0000159	0.000245
2049 Jun	107	0.169	0.333	0.00552	35.1	0.0385	17.9	0.000979	0.000978	0.00000499	0.00662	0.00108	0.0312	0.0142	0.00000521	14.9	0.0000198	0.000254
2049 Jul	92.8	0.134	0.276	0.0047	29.4	0.0382	14.9	0.00102	0.00102	0.00000518	0.00658	0.00108	0.0271	0.0136	0.00000536	13.7	0.0000184	0.000228
2049 Aug	90.8	0.127	0.254	0.00445	28.4	0.0412	14.2	0.00108	0.00108	0.00000548	0.00679	0.00115	0.0264	0.0146	0.00000564	14.4	0.0000175	0.000231
2049 Sep	74.1	0.114	0.154	0.00305	22	0.0427	10.4	0.00104	0.00104	0.00000524	0.00706	0.00112	0.0207	0.0154	0.00000534	14.8	0.0000149	0.000218
2049 Oct	82.1	0.145	0.188	0.00348	25.4	0.0446	12.4	0.001	0.001	0.00000506	0.00733	0.00112	0.0228	0.0157	0.00000518	15.5	0.0000158	0.000224
2049 Nov	84.4	0.151	0.199	0.00361	26.3	0.045	12.9	0.001	0.001	0.00000506	0.00737	0.00112	0.0235	0.0158	0.00000519	15.7	0.000016	0.000227
2049 Dec	84.4	0.151	0.199	0.00362	26.3	0.045	12.9	0.001	0.001	0.00000506	0.00737	0.00112	0.0235	0.0158	0.00000519	15.7	0.000016	0.000227
2050 Jan	84.5	0.151	0.199	0.00362	26.3	0.045	12.9	0.001	0.001	0.00000506	0.00737	0.00112	0.0235	0.0158	0.00000519	15.7	0.000016	0.000227
2050 Feb	84.5	0.151	0.199	0.00362	26.3	0.045	12.9	0.001	0.001	0.00000506	0.00737	0.00112	0.0235	0.0158	0.00000519	15.7	0.000016	0.000227
2050 Mar	84.5	0.151	0.199	0.00362	26.3	0.045	12.9	0.001	0.001	0.00000506	0.00737	0.00112	0.0235	0.0158	0.00000519	15.7	0.000016	0.000227
2050 Apr	84.8	0.152	0.2	0.00363	26.4	0.0452	12.9	0.00101	0.001	0.00000508	0.0074	0.00113	0.0236	0.0158	0.00000521	15.8	0.0000161	0.000228
2050 May	86.2	0.153	0.2	0.00365	26.7	0.0455	13.1	0.00102	0.00102	0.00000516	0.0075	0.00116	0.0237	0.0165	0.00000529	16.3	0.0000164	0.000235
2050 Jun	101	0.151	0.303	0.00485	31.8	0.0367	16.3	0.000981	0.000981	0.00000499	0.00671	0.00111	0.0287	0.0156	0.00000518	15.6	0.00002	0.000262
2050 Jul	88.1	0.125	0.269	0.00438	27.8	0.0391	14.4	0.000998	0.000998	0.00000506	0.00618	0.00108	0.0259	0.0137	0.00000523	13.5	0.0000162	0.000213
2050 Aug	81.1	0.108	0.227	0.00387	25.1	0.0416	12.8	0.00104	0.00104	0.00000525	0.0061	0.00113	0.0234	0.0144	0.00000539	13.7	0.0000139	0.0002
2050 Sep	74.5	0.108	0.175	0.0032	22.4	0.043	11	0.00103	0.00103	0.00000518	0.00651	0.00113	0.0211	0.015	0.00000529	14.4	0.0000133	0.000205
2050 Oct	75.5	0.115	0.174	0.00318	22.7	0.0438	11.1	0.00103	0.00103	0.00000521	0.00676	0.00114	0.0212	0.0154	0.00000531	14.8	0.0000138	0.000209
2050 Nov	75.8	0.115	0.175	0.00319	22.8	0.044	11.2	0.00104	0.00104	0.00000523	0.00679	0.00114	0.0213	0.0155	0.00000534	14.8	0.0000139	0.00021
2050 Dec	75.8	0.116	0.175	0.0032	22.8	0.044	11.2	0.00104	0.00104	0.00000523	0.00679	0.00114	0.0213	0.0155	0.00000534	14.8	0.0000139	0.00021
2051 Jan	75.8	0.116	0.175	0.0032	22.8	0.044	11.2	0.00104	0.00104	0.00000523	0.0068	0.00114	0.0213	0.0155	0.00000534	14.8	0.0000139	0.00021

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2051 Feb	75.8	0.116	0.175	0.0032	22.8	0.044	11.2	0.00104	0.00104	0.00000523	0.0068	0.00114	0.0213	0.0155	0.00000534	14.8	0.0000139	0.00021
2051 Mar	75.9	0.116	0.175	0.0032	22.9	0.044	11.2	0.00104	0.00104	0.00000524	0.0068	0.00114	0.0214	0.0155	0.00000534	14.9	0.0000139	0.000211
2051 Apr	76.3	0.116	0.176	0.00321	23	0.0442	11.2	0.00104	0.00104	0.00000526	0.00683	0.00115	0.0215	0.0156	0.00000537	14.9	0.000014	0.000212
2051 May	80.3	0.118	0.179	0.00325	24	0.0434	11.6	0.00105	0.00105	0.00000532	0.00692	0.00121	0.0216	0.0175	0.00000543	16.5	0.0000148	0.000233
2051 Jun	104	0.154	0.347	0.00511	32.9	0.0373	17.7	0.000972	0.000972	0.00000496	0.00658	0.00108	0.0311	0.0146	0.00000517	15.1	0.0000202	0.000259
2051 Jul	94.2	0.133	0.304	0.00459	29.1	0.038	15.6	0.00103	0.00103	0.00000525	0.00687	0.0011	0.0286	0.014	0.00000543	14.2	0.00002	0.000244
2051 Aug	73.3	0.0941	0.182	0.00313	21.6	0.041	10.8	0.00103	0.00103	0.0000052	0.00628	0.00111	0.0218	0.0146	0.00000531	14.1	0.0000134	0.000215
2051 Sep	83.6	0.132	0.228	0.00361	25.7	0.0437	13.2	0.000997	0.000997	0.00000505	0.00673	0.00111	0.0247	0.0152	0.00000518	15.2	0.0000148	0.000228
2051 Oct	98.8	0.172	0.312	0.0045	31.5	0.0453	16.9	0.000975	0.000974	0.00000496	0.00711	0.00113	0.0293	0.0156	0.00000514	16.1	0.0000174	0.000243
2051 Nov	98.4	0.172	0.309	0.00447	31.3	0.0454	16.8	0.000979	0.000978	0.00000498	0.00716	0.00113	0.0291	0.0157	0.00000516	16.2	0.0000174	0.000244
2051 Dec	98.5	0.172	0.309	0.00447	31.3	0.0455	16.8	0.000979	0.000978	0.00000498	0.00716	0.00113	0.0291	0.0157	0.00000516	16.2	0.0000174	0.000244
2052 Jan	98.5	0.172	0.309	0.00447	31.3	0.0455	16.8	0.000979	0.000978	0.00000498	0.00716	0.00113	0.0291	0.0157	0.00000516	16.2	0.0000174	0.000244
2052 Feb	98.5	0.172	0.309	0.00447	31.3	0.0455	16.8	0.000979	0.000979	0.00000498	0.00716	0.00113	0.0291	0.0157	0.00000516	16.2	0.0000174	0.000244
2052 Mar	98.6	0.173	0.31	0.00448	31.4	0.0455	16.8	0.000981	0.00098	0.00000499	0.00717	0.00113	0.0292	0.0157	0.00000517	16.2	0.0000174	0.000244
2052 Apr	98.9	0.173	0.311	0.00449	31.5	0.0457	16.9	0.000983	0.000983	0.000005	0.00719	0.00113	0.0293	0.0157	0.00000519	16.2	0.0000175	0.000245
2052 May	100	0.155	0.267	0.00394	30.4	0.0404	15.5	0.000994	0.000993	0.00000504	0.00707	0.0013	0.0259	0.0215	0.0000052	20.2	0.0000186	0.000294
2052 Jun	95.2	0.132	0.307	0.00433	29	0.0351	15.5	0.000987	0.000986	0.00000502	0.00675	0.00112	0.0278	0.016	0.00000519	15.8	0.0000205	0.000266
2052 Jul	73.1	0.0889	0.21	0.00327	21.6	0.0383	11.4	0.00101	0.00101	0.00000508	0.00602	0.0011	0.0213	0.0143	0.0000052	13.3	0.0000143	0.000195
2052 Aug	68.5	0.0815	0.173	0.00288	19.9	0.0411	10.2	0.00102	0.00102	0.00000516	0.00593	0.00113	0.0199	0.0148	0.00000526	13.7	0.0000119	0.000193
2052 Sep	73.5	0.107	0.183	0.00296	21.8	0.0432	11.1	0.00101	0.00101	0.00000508	0.00645	0.00112	0.0214	0.0153	0.00000518	14.8	0.0000128	0.000212
2052 Oct	83.2	0.134	0.232	0.00349	25.3	0.0444	13.3	0.000997	0.000996	0.00000504	0.00688	0.00113	0.0244	0.0157	0.00000518	15.5	0.000015	0.000227
2052 Nov	83.5	0.135	0.233	0.0035	25.4	0.0445	13.4	0.001	0.001	0.00000506	0.00691	0.00113	0.0245	0.0157	0.0000052	15.6	0.0000151	0.000227
2052 Dec	83.6	0.135	0.233	0.0035	25.5	0.0446	13.4	0.001	0.001	0.00000507	0.00691	0.00113	0.0245	0.0157	0.0000052	15.6	0.0000151	0.000228
2053 Jan	83.6	0.135	0.233	0.0035	25.5	0.0446	13.4	0.001	0.001	0.00000507	0.00691	0.00113	0.0245	0.0157	0.0000052	15.6	0.0000151	0.000228
2053 Feb	83.6	0.135	0.233	0.0035	25.5	0.0446	13.4	0.001	0.001	0.00000507	0.00692	0.00114	0.0245	0.0158	0.00000521	15.6	0.0000151	0.000228
2053 Mar	83.8	0.135	0.233	0.00351	25.5	0.0447	13.4	0.001	0.001	0.00000508	0.00693	0.00114	0.0246	0.0158	0.00000521	15.6	0.0000151	0.000228
2053 Apr	84.2	0.136	0.234	0.00353	25.7	0.0449	13.5	0.00101	0.00101	0.0000051	0.00697	0.00114	0.0247	0.0159	0.00000524	15.7	0.0000152	0.000229
2053 May	97	0.135	0.244	0.00357	28.5	0.0386	14.6	0.001	0.001	0.00000508	0.00678	0.00135	0.0244	0.0229	0.00000522	21	0.0000179	0.000303
2053 Jun	99.8	0.14	0.345	0.00453	30.5	0.0367	17.2	0.000966	0.000965	0.00000492	0.00654	0.00113	0.0301	0.0162	0.00000512	16.2	0.0000199	0.000268
2053 Jul	91.8	0.123	0.309	0.00419	27.4	0.0372	15.4	0.00103	0.00103	0.00000523	0.00697	0.00111	0.0284	0.0148	0.0000054	14.8	0.0000206	0.000254
2053 Aug	85.3	0.11	0.257	0.00369	25	0.0401	13.6	0.00107	0.00107	0.00000542	0.00697	0.00116	0.0261	0.0155	0.00000557	15.2	0.0000182	0.000248
2053 Sep	84.5	0.109	0.242	0.00356	24.6	0.042	13.2	0.0011	0.0011	0.00000558	0.00715	0.00119	0.0258	0.0161	0.00000571	15.7	0.0000177	0.000252
2053 Oct	82.7	0.11	0.226	0.0034	23.9	0.0426	12.7	0.0011	0.0011	0.00000558	0.00731	0.0012	0.0249	0.0163	0.00000571	15.8	0.0000177	0.00025
2053 Nov	80.6	0.111	0.211	0.00324	23.2	0.0427	12.2	0.0011	0.0011	0.00000554	0.0074	0.00119	0.024	0.0163	0.00000566	15.9	0.0000175	0.000247
2053 Dec	80.6	0.111	0.211	0.00324	23.2	0.0427	12.2	0.0011	0.0011	0.00000554	0.0074	0.00119	0.024	0.0163	0.00000566	15.9	0.0000175	0.000247
2054 Jan	80.6	0.111	0.211	0.00324	23.2	0.0427	12.2	0.0011	0.0011	0.00000554	0.0074	0.00119	0.024	0.0163	0.00000566	15.9	0.0000175	0.000247
2054 Feb	80.6	0.111	0.211	0.00324	23.2	0.0428	12.2	0.0011	0.0011	0.00000555	0.0074	0.00119	0.024	0.0164	0.00000567	15.9	0.0000175	0.000247
2054 Mar	80.6	0.111	0.211	0.00324	23.2	0.0428	12.2	0.0011	0.0011	0.00000555	0.0074	0.00119	0.024	0.0164	0.00000567	15.9	0.0000175	0.000247
2054 Apr	81	0.111	0.212	0.00326	23.3	0.043	12.2	0.0011	0.0011	0.00000557	0.00744	0.0012	0.0241	0.0164	0.00000569	15.9	0.0000176	0.000248
2054 May	83.9	0.107	0.19	0.00299	23.5	0.0401	11.8	0.0011	0.0011	0.00000555	0.0074	0.00131	0.0223	0.0204	0.00000565	18.8	0.0000184	0.000282
2054 Jun	87.7	0.112	0.268	0.00364	25.3	0.0331	14.2	0.000971	0.00097	0.00000492	0.0067	0.00112	0.0257	0.0167	0.00000508	16	0.0000204	0.000266
2054 Jul	79	0.0978	0.249	0.00347	23	0.0379	13.1	0.001	0.001	0.00000507	0.00629	0.0011	0.0243	0.0145	0.00000521	13.9	0.0000165	0.000216
2054 Aug	73.5	0.0914	0.203	0.00299	21.3	0.0413	11.6	0.00101	0.00101	0.00000508	0.00608	0.00112	0.0226	0.015	0.0000052	14.5	0.0000129	0.000214
2054 Sep	75.3	0.103	0.197	0.00293	21.9	0.0436	11.8	0.001	0.001	0.00000507	0.00633	0.00113	0.0231	0.0156	0.00000519	15.3	0.0000126	0.000226
2054 Oct	86	0.134	0.257	0.0035	25.8	0.0442	14.5	0.000984	0.000984	0.00000499	0.00681	0.00114	0.0263	0.016	0.00000514	16	0.0000154	0.000238
2054 Nov	91.4	0.146	0.289	0.00381	27.7	0.0445	15.8	0.000979	0.000978	0.00000497	0.00691	0.00115	0.0281	0.0161	0.00000514	16.3	0.0000165	0.000245
2054 Dec	91.4	0.146	0.289	0.00381	27.7	0.0445	15.8	0.00098	0.000979	0.00000497	0.00692	0.00115	0.0281	0.0162	0.00000514	16.3	0.0000165	0.000245
2055 Jan	91.5	0.146	0.289	0.00381	27.7	0.0445	15.8	0.00098	0.000979	0.00000497	0.00692	0.00115	0.0281	0.0162	0.00000514	16.3	0.0000165	0.000245
2055 Feb	91.5	0.146	0.289	0.00381	27.7	0.0445	15.8	0.00098	0.000979	0.00000497	0.00692	0.00115	0.0281	0.0162	0.00000514	16.3	0.0000165	0.000245
2055 Mar	91.5	0.146	0.289	0.00382	27.7	0.0446	15.9	0.00098	0.000979	0.00000498	0.00692	0.00115	0.0281	0.0162	0.00000515	16.4	0.0000165	0.000245
2055 Apr	91.8	0.146	0.29	0.00383	27.8	0.0447	15.9	0.000984	0.000983	0.000005	0.00695	0.00115	0.0282	0.0162	0.00000516	16.4	0.0000166	0.000246
2055 May	93.3	0.149	0.295	0.00389	28.3	0.0454	16.2	0.001	0.000999	0.00000508	0.00706	0.00117	0.0287	0.0165	0.00000525	16.7	0.0000168	0.00025
2055 Jun	87.8	0.117	0.306	0.00385	25.8	0.0359	15.2	0.000972	0.000971	0.00000494	0.00673	0.00106	0.0279	0.0143	0.00000511	14.4	0.0000199	0.000248
2055 Jul	78.9	0.0945	0.254	0.00336	22.4	0.036	12.9	0.00102	0.00102	0.00000517	0.00676	0.0011	0.0246	0.0145	0.00000531	14	0.0000189	0.000233
2055 Aug	72.8	0.0823	0.208	0.00296	20.3	0.0386	11.3	0.00106	0.00106	0.00000534	0.00667	0.00114	0.0222	0.015	0.00000546	14.2	0.0000165	0.000221
2055 Sep	63.7	0.0781	0.135	0.00225	17.3	0.0409	8.8	0.00104	0.00104	0.00000523	0.00668	0.00112	0.0188	0.0154	0.00000531	14.5	0.0000136	0.000214
2055 Oct	64.6	0.0864	0.133	0.00224	17.6	0.0417	8.94	0.00104	0.00104	0.00000522	0.00693	0.00113	0.0188	0.0157	0.0000053	14.8	0.0000141	0.000216
2055 Nov	64.9	0.0886	0.133	0.00223	17.7	0.042	8.99	0.00104	0.00104	0.00000522	0.007	0.00113	0.0188	0.0158	0.00000529	14.9	0.0000142	0.000217
2055 Dec	65	0.089	0.134	0.00224	17.8	0.042	9.03	0.00104	0.00104	0.00000522	0.007	0.00113	0.0189	0.0158	0.0000053	15	0.0000142	0.000217
2056 Jan	65	0.089	0.134	0.00224	17.8	0.042	9.03	0.00104	0.00104	0.00000522	0.007	0.00113	0.0189	0.0158	0.0000053	15	0.0000142	0.000217
2056 Feb	65	0.089	0.134	0.00224	17.8	0.042	9.03	0.00104	0.00104	0.00000522	0.007	0.00113	0.0189	0.0158	0.0000053	15	0.0000142	0.000217
2056 Mar	65.1	0.0891	0.134	0.00225	17.8	0.042	9.04	0.00104	0.00104	0.00000523	0.00701	0.00113	0.0189	0.0158	0.0000053	15	0.0000142	0.000217
2056 Apr	65.4	0.0894	0.135	0.00226	17.9	0.0422	9.07	0.00104	0.00104	0.00000525	0.00704	0.00114	0.019	0.0159	0.00000532	15	0.0000143	0.000218
2056 May	76.4	0.0947	0.15	0.00235	20.7	0.0382	10.2	0.00104	0.00104	0.00000521	0.00695	0.00129	0.019	0.0214	0.00000529	19.2	0.0000164	0.000274
2056 Jun	88.8	0.111	0.299	0.00364	25.6	0.0343	14.8	0.000977	0.000976	0.00000496	0.0067	0.00113	0.0267	0.0167	0.00000513	16.1	0.0000203	0.000268
2056 Jul	76.6	0.0868	0.234	0.0031	21.2	0.0352	12	0.00104	0.00104	0.00000524	0.00688	0.00112	0.0232	0.0153	0.00000537	14.5	0.0000193	0.000239
2056 Aug	64.5	0.0669	0.155	0.0024	17.3	0.0385	9.16	0.00105	0.00105	0.00000529	0.00645	0.00114	0.019	0.0154	0.00000537	14.2	0.0000144	0.000212
2056 Sep	63	0.0727	0.13	0.00218	16.8	0.0405	8.52	0.00106	0.00106	0.00000535	0.00679	0.00116	0.0182	0.016	0.00000542	14.7	0.0000142	0.000214

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Oct	66.8	0.0979	0.144	0.00227	18.4	0.042	9.54	0.00102	0.00102	0.00000514	0.00718	0.00114	0.019	0.0163	0.00000522	15.3	0.0000151	0.000218
2056 Nov	69	0.105	0.156	0.00237	19.2	0.0424	10.1	0.00101	0.00101	0.00000511	0.00725	0.00114	0.0197	0.0164	0.0000052	15.5	0.0000154	0.000221
2056 Dec	69	0.105	0.156	0.00237	19.2	0.0424	10.1	0.00102	0.00101	0.00000511	0.00726	0.00114	0.0197	0.0164	0.0000052	15.5	0.0000154	0.000222
2057 Jan	69	0.105	0.156	0.00237	19.2	0.0424	10.1	0.00102	0.00101	0.00000512	0.00726	0.00114	0.0197	0.0164	0.0000052	15.5	0.0000154	0.000222
2057 Feb	69	0.105	0.156	0.00237	19.2	0.0424	10.1	0.00102	0.00101	0.00000512	0.00726	0.00114	0.0197	0.0164	0.0000052	15.5	0.0000154	0.000222
2057 Mar	69.1	0.105	0.156	0.00237	19.2	0.0425	10.1	0.00102	0.00102	0.00000512	0.00727	0.00114	0.0198	0.0164	0.00000521	15.6	0.0000154	0.000222
2057 Apr	69.4	0.105	0.157	0.00239	19.3	0.0427	10.2	0.00102	0.00102	0.00000515	0.0073	0.00115	0.0199	0.0165	0.00000523	15.6	0.0000155	0.000223
2057 May	73.6	0.104	0.149	0.00231	20.1	0.0408	10.2	0.00103	0.00103	0.00000521	0.00733	0.00124	0.0192	0.0196	0.00000529	17.9	0.0000164	0.000253
2057 Jun	83.6	0.102	0.284	0.00341	23.7	0.0336	14	0.000974	0.000972	0.00000494	0.00673	0.00109	0.0259	0.0154	0.00000509	15	0.0000203	0.000256
2057 Jul	73.1	0.0801	0.223	0.00292	19.8	0.0335	11.4	0.00103	0.00103	0.00000519	0.00696	0.00108	0.0226	0.0145	0.00000531	13.8	0.0000199	0.000236
2057 Aug	74.4	0.0797	0.214	0.00291	20.1	0.037	11.3	0.0011	0.0011	0.00000556	0.00728	0.00116	0.0228	0.0156	0.00000567	14.7	0.0000196	0.000243
2057 Sep	72.4	0.0816	0.189	0.00271	19.4	0.0389	10.6	0.00111	0.00111	0.0000056	0.00742	0.00118	0.0218	0.016	0.0000057	15.1	0.0000187	0.000242
2057 Oct	68.4	0.087	0.156	0.00239	18.2	0.04	9.6	0.00109	0.00109	0.00000549	0.0076	0.00116	0.02	0.0162	0.00000557	15.2	0.000018	0.000234
2057 Nov	68.1	0.088	0.152	0.00236	18.1	0.0402	9.5	0.00109	0.00109	0.00000549	0.00765	0.00117	0.0198	0.0163	0.00000557	15.3	0.000018	0.000234
2057 Dec	68.2	0.088	0.152	0.00236	18.1	0.0402	9.51	0.00109	0.00109	0.00000549	0.00765	0.00117	0.0198	0.0163	0.00000557	15.3	0.000018	0.000234
2058 Jan	68.2	0.088	0.152	0.00236	18.1	0.0402	9.51	0.00109	0.00109	0.00000549	0.00765	0.00117	0.0198	0.0163	0.00000557	15.3	0.000018	0.000234
2058 Feb	68.2	0.088	0.152	0.00236	18.1	0.0402	9.51	0.00109	0.00109	0.00000549	0.00765	0.00117	0.0198	0.0163	0.00000557	15.3	0.000018	0.000234
2058 Mar	68.2	0.0881	0.152	0.00236	18.1	0.0402	9.51	0.00109	0.00109	0.00000549	0.00765	0.00117	0.0198	0.0163	0.00000557	15.3	0.000018	0.000234
2058 Apr	68.4	0.0883	0.152	0.00237	18.2	0.0404	9.54	0.00109	0.00109	0.00000551	0.00768	0.00117	0.0199	0.0164	0.00000559	15.3	0.000018	0.000235
2058 May	77.9	0.0931	0.164	0.00242	20.7	0.0375	10.6	0.00108	0.00107	0.00000541	0.00744	0.00131	0.02	0.0212	0.0000055	19.1	0.000019	0.000282
2058 Jun	91.7	0.112	0.32	0.00361	26	0.0357	16.3	0.000965	0.000963	0.0000049	0.0066	0.00116	0.0288	0.0171	0.00000508	16.7	0.0000201	0.000274
2058 Jul	84.7	0.0984	0.286	0.00337	23.5	0.0366	14.6	0.00103	0.00102	0.0000052	0.00694	0.00115	0.0271	0.0159	0.00000536	15.4	0.0000202	0.000257
2058 Aug	77.9	0.0861	0.236	0.00299	21.3	0.0391	12.7	0.00106	0.00106	0.00000537	0.00684	0.00118	0.0244	0.0162	0.0000055	15.4	0.0000177	0.000242
2058 Sep	68.7	0.0921	0.159	0.00232	18.5	0.0412	10.2	0.00104	0.00104	0.00000523	0.00722	0.00115	0.0203	0.0164	0.00000532	15.5	0.0000161	0.000228
2058 Oct	68.5	0.104	0.148	0.00221	18.6	0.0424	10.1	0.00102	0.00102	0.00000513	0.00748	0.00115	0.0197	0.0167	0.00000521	15.9	0.0000161	0.000227
2058 Nov	69.1	0.106	0.151	0.00223	18.8	0.0426	10.2	0.00102	0.00102	0.00000513	0.00752	0.00115	0.0199	0.0168	0.00000522	16	0.0000162	0.000228
2058 Dec	69.1	0.106	0.151	0.00223	18.8	0.0427	10.2	0.00102	0.00102	0.00000513	0.00752	0.00115	0.0199	0.0168	0.00000522	16	0.0000162	0.000228
2059 Jan	69.1	0.106	0.151	0.00223	18.8	0.0427	10.2	0.00102	0.00102	0.00000513	0.00752	0.00115	0.0199	0.0168	0.00000522	16	0.0000162	0.000228
2059 Feb	69.1	0.106	0.151	0.00223	18.8	0.0427	10.2	0.00102	0.00102	0.00000513	0.00752	0.00115	0.0199	0.0168	0.00000522	16	0.0000162	0.000228
2059 Mar	69.1	0.106	0.151	0.00223	18.8	0.0427	10.2	0.00102	0.00102	0.00000513	0.00752	0.00115	0.0199	0.0168	0.00000522	16	0.0000162	0.000228
2059 Apr	69.4	0.106	0.151	0.00224	18.9	0.0428	10.3	0.00102	0.00102	0.00000515	0.00755	0.00116	0.02	0.0169	0.00000524	16	0.0000163	0.000229
2059 May	77.2	0.105	0.156	0.00226	20.7	0.0394	10.9	0.00103	0.00102	0.00000516	0.00739	0.00129	0.0198	0.0213	0.00000525	19.3	0.0000176	0.000274
2059 Jun	87.1	0.0966	0.253	0.00301	23.5	0.0329	14	0.000994	0.000993	0.00000503	0.00686	0.00124	0.0249	0.0201	0.00000518	18.5	0.0000209	0.000295
2059 Jul	84.1	0.0888	0.235	0.00293	22.2	0.0342	13.1	0.00107	0.00107	0.00000541	0.0074	0.00126	0.0245	0.0193	0.00000555	17.9	0.0000221	0.000291
2059 Aug	84.6	0.0879	0.226	0.00291	22.2	0.0369	12.9	0.00113	0.00113	0.00000569	0.00762	0.00131	0.0246	0.02	0.00000581	18.4	0.0000218	0.000294
2059 Sep	77	0.0907	0.174	0.00248	20.1	0.0393	11.1	0.00111	0.00111	0.00000559	0.00774	0.00128	0.0218	0.0194	0.00000569	17.9	0.0000197	0.000274
2059 Oct	68.7	0.112	0.135	0.00206	18.5	0.0424	9.95	0.001	0.001	0.00000505	0.00775	0.00116	0.0191	0.0175	0.00000512	16.6	0.0000168	0.000233
2059 Nov	70.4	0.116	0.147	0.00215	19.1	0.0429	10.5	0.000998	0.000997	0.00000503	0.00774	0.00116	0.0199	0.0175	0.00000511	16.6	0.0000168	0.000234
2059 Dec	70.5	0.116	0.147	0.00216	19.2	0.0429	10.5	0.000998	0.000997	0.00000503	0.00774	0.00116	0.0199	0.0175	0.00000511	16.6	0.0000168	0.000234
2060 Jan	70.5	0.116	0.147	0.00216	19.2	0.0429	10.5	0.000998	0.000997	0.00000503	0.00774	0.00116	0.0199	0.0175	0.00000511	16.6	0.0000168	0.000234
2060 Feb	70.5	0.116	0.147	0.00216	19.2	0.043	10.5	0.000998	0.000998	0.00000503	0.00774	0.00116	0.0199	0.0175	0.00000511	16.7	0.0000168	0.000234
2060 Mar	70.5	0.116	0.147	0.00216	19.2	0.043	10.5	0.000999	0.000998	0.00000503	0.00775	0.00116	0.0199	0.0175	0.00000511	16.7	0.0000168	0.000234
2060 Apr	70.9	0.117	0.148	0.00217	19.3	0.0432	10.6	0.001	0.001	0.00000505	0.00778	0.00116	0.02	0.0176	0.00000514	16.7	0.0000169	0.000235
2060 May	86.8	0.107	0.169	0.00228	23	0.0352	12	0.001	0.000999	0.00000504	0.00715	0.00142	0.0199	0.0263	0.00000513	23.1	0.0000191	0.000325
2060 Jun	90	0.104	0.293	0.00327	24.7	0.035	15.6	0.000981	0.00098	0.00000498	0.00675	0.0012	0.0276	0.0186	0.00000515	17.7	0.0000206	0.000286
2060 Jul	86.5	0.0951	0.274	0.00319	23.3	0.0364	14.6	0.00106	0.00106	0.00000537	0.0073	0.00122	0.0272	0.0176	0.00000553	16.8	0.0000217	0.000279
2060 Aug	75.5	0.0809	0.202	0.00262	20.1	0.0394	11.8	0.00107	0.00107	0.00000538	0.0069	0.0012	0.0234	0.0172	0.00000549	16.3	0.0000171	0.000255
2060 Sep	68.5	0.0923	0.151	0.00215	18.6	0.0427	10.2	0.000999	0.000998	0.00000503	0.00673	0.00115	0.0207	0.0167	0.00000512	16.1	0.0000133	0.000234
2060 Oct	73.9	0.111	0.179	0.00236	20.3	0.0433	11.7	0.000989	0.000988	0.00000499	0.00718	0.00116	0.0221	0.0173	0.00000509	16.7	0.0000154	0.00024
2060 Nov	80	0.119	0.219	0.00267	22.3	0.0434	13.4	0.000985	0.000983	0.00000498	0.00719	0.00118	0.0245	0.0176	0.00000511	17.1	0.0000165	0.000249
2060 Dec	80.1	0.119	0.22	0.00268	22.3	0.0434	13.4	0.000985	0.000984	0.00000498	0.0072	0.00118	0.0245	0.0176	0.00000511	17.1	0.0000165	0.000249
2061 Jan	80.2	0.119	0.22	0.00268	22.3	0.0434	13.5	0.000985	0.000984	0.00000498	0.0072	0.00118	0.0245	0.0176	0.00000511	17.1	0.0000165	0.000249
2061 Feb	80.2	0.119	0.22	0.00268	22.3	0.0434	13.5	0.000985	0.000984	0.00000498	0.0072	0.00118	0.0245	0.0176	0.00000511	17.1	0.0000165	0.000249
2061 Mar	80.2	0.119	0.22	0.00268	22.3	0.0434	13.5	0.000986	0.000984	0.00000498	0.0072	0.00118	0.0245	0.0176	0.00000511	17.1	0.0000165	0.000249
2061 Apr	80.6	0.12	0.221	0.00269	22.4	0.0436	13.5	0.00099	0.000989	0.00000501	0.00723	0.00118	0.0246	0.0177	0.00000513	17.2	0.0000166	0.00025
2061 May	90.2	0.114	0.228	0.00271	24.5	0.0386	14.2	0.000995	0.000994	0.00000503	0.00699	0.00136	0.0242	0.0234	0.00000516	21.4	0.0000185	0.000308
2061 Jun	87	0.0974	0.288	0.00312	23.6	0.0349	15.3	0.000982	0.00098	0.00000498	0.00679	0.00118	0.0274	0.0178	0.00000514	17	0.0000206	0.000279
2061 Jul	79.2	0.0813	0.239	0.00281	20.8	0.036	13.1	0.00106	0.00106	0.00000535	0.00714	0.0012	0.0248	0.0171	0.00000548	16.1	0.0000204	0.000262
2061 Aug	78	0.0777	0.221	0.00273	20.3	0.0386	12.5	0.00111	0.00111	0.0000056	0.00726	0.00125	0.0241	0.0177	0.00000572	16.4	0.0000195	0.000259
2061 Sep	72.6	0.0792	0.178	0.0024	18.8	0.0403	11	0.0011	0.0011	0.00000554	0.00732	0.00123	0.0219	0.0176	0.00000564	16.3	0.0000178	0.00025
2061 Oct	66.6	0.0998	0.13	0.00196	17.5	0.0419	9.6	0.00102	0.00102	0.00000513	0.00761	0.00116	0.0189	0.0173	0.0000052	16.2	0.0000165	0.000231
2061 Nov	69.4	0.108	0.147	0.00207	18.6	0.0425	10.5	0.001	0.001	0.00000504	0.0076	0.00116	0.0199	0.0175	0.00000512	16.6	0.0000166	0.000234
2061 Dec	69.5	0.108	0.147	0.00207	18.6	0.0426	10.5	0.001	0.001	0.00000504	0.00761	0.00116	0.0199	0.0175	0.00000513	16.6	0.0000166	0.000234
2062 Jan	69.5	0.108	0.147	0.00207	18.6	0.0426	10.5	0.001	0.001	0.00000504	0.00761	0.00116	0.0199	0.0175	0.00000513	16.6	0.0000166	0.000234
2062 Feb	69.6	0.108	0.147	0.00207	18.6	0.0426	10.5	0.001	0.001	0.00000504	0.00761	0.00116	0.0199	0.0175	0.00000513	16.6	0.0000166	0.000234
2062 Mar	69.7	0.109	0.148	0.00207	18.6	0.0426	10.5	0.001	0.001	0.00000505	0.00762	0.00117	0.02	0.0175	0.00000513	16.6	0.0000166	0.000234
2062 Apr	70	0.109	0.148	0.00208	18.7	0.0428	10.5	0.00101	0.00101	0.00000508	0.00765	0.00117	0.0201	0.0176	0.00000516	16.7	0.0000167	0.000236
2062 May	71	0.111	0.15	0.00211	19	0.0434	10.7	0.00102	0.00102	0.00000515	0.00776	0.00119	0.0203	0.0179	0.00000523	16.9	0.0000169	0.000239

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2062 Jun	77.2	0.089	0.232	0.00266	20.4	0.0352	12.9	0.000989	0.000987	0.000005	0.00705	0.00113	0.0243	0.0164	0.00000513	15.7	0.0000199	0.000257
2062 Jul	71.2	0.0688	0.205	0.00248	18.3	0.0346	11.5	0.00103	0.00102	0.00000518	0.00682	0.00114	0.0222	0.016	0.00000529	14.9	0.0000189	0.00024
2062 Aug	63.4	0.063	0.146	0.00203	16.5	0.0397	9.38	0.00102	0.00102	0.00000512	0.0062	0.00114	0.0194	0.016	0.0000052	14.9	0.0000128	0.000219
2062 Sep	74.2	0.0961	0.197	0.00237	20.1	0.0419	12.1	0.000993	0.000991	0.00000501	0.00676	0.00117	0.0228	0.0173	0.00000512	16.5	0.000015	0.000243
2062 Oct	84.7	0.121	0.258	0.00278	23.5	0.0426	14.9	0.000977	0.000975	0.00000495	0.0072	0.0012	0.0262	0.0183	0.0000051	17.7	0.0000177	0.000262
2062 Nov	84.3	0.121	0.253	0.00275	23.3	0.0429	14.7	0.000982	0.00098	0.00000497	0.00727	0.00121	0.0259	0.0183	0.00000512	17.8	0.0000177	0.000262
2062 Dec	84.3	0.121	0.254	0.00275	23.3	0.0429	14.7	0.000983	0.00098	0.00000497	0.00727	0.00121	0.0259	0.0183	0.00000512	17.8	0.0000178	0.000262
2063 Jan	84.3	0.121	0.254	0.00275	23.3	0.0429	14.7	0.000983	0.00098	0.00000497	0.00727	0.00121	0.026	0.0183	0.00000512	17.8	0.0000178	0.000262
2063 Feb	84.3	0.121	0.254	0.00275	23.3	0.0429	14.7	0.000983	0.000981	0.00000498	0.00727	0.00121	0.026	0.0183	0.00000512	17.8	0.0000178	0.000262
2063 Mar	84.4	0.121	0.254	0.00275	23.3	0.0429	14.7	0.000983	0.000981	0.00000498	0.00727	0.00121	0.026	0.0183	0.00000512	17.8	0.0000178	0.000262
2063 Apr	84.6	0.122	0.254	0.00276	23.4	0.043	14.8	0.000986	0.000983	0.00000499	0.00729	0.00121	0.026	0.0184	0.00000514	17.8	0.0000178	0.000263
2063 May	88.6	0.115	0.241	0.00265	24	0.0398	14.5	0.000995	0.000993	0.00000503	0.00717	0.00132	0.0247	0.0222	0.00000517	20.5	0.0000187	0.000298
2063 Jun	81.5	0.087	0.275	0.00277	21.8	0.0334	13.9	0.000964	0.00096	0.00000488	0.00664	0.00115	0.0252	0.0175	0.00000503	16.5	0.0000198	0.000273
2063 Jul	72.3	0.0703	0.223	0.00246	18.7	0.0335	11.6	0.00101	0.00101	0.00000512	0.00686	0.00113	0.0223	0.0163	0.00000524	15.1	0.0000196	0.000251
2063 Aug	70.1	0.0662	0.196	0.00233	18	0.0366	10.7	0.00107	0.00106	0.00000537	0.00693	0.00119	0.0213	0.0168	0.00000547	15.5	0.000018	0.000246
2063 Sep	62.4	0.0678	0.129	0.00187	15.9	0.0397	8.53	0.00105	0.00105	0.00000528	0.00688	0.00116	0.0184	0.0166	0.00000535	15.4	0.0000147	0.000231
2063 Oct	64.5	0.0892	0.133	0.00186	16.9	0.041	9.17	0.00101	0.00101	0.00000508	0.00724	0.00115	0.0185	0.017	0.00000515	15.9	0.0000153	0.00023
2063 Nov	65.6	0.0927	0.139	0.00189	17.3	0.0413	9.45	0.00101	0.00101	0.00000507	0.00729	0.00115	0.0188	0.0172	0.00000514	16.1	0.0000155	0.000232
2063 Dec	65.6	0.0927	0.139	0.00189	17.3	0.0413	9.46	0.00101	0.00101	0.00000507	0.00729	0.00115	0.0188	0.0172	0.00000514	16.1	0.0000155	0.000232
2064 Jan	65.7	0.0928	0.139	0.00189	17.3	0.0413	9.47	0.00101	0.00101	0.00000507	0.00729	0.00115	0.0188	0.0172	0.00000514	16.1	0.0000155	0.000232
2064 Feb	65.7	0.0928	0.139	0.00189	17.3	0.0413	9.47	0.00101	0.00101	0.00000507	0.0073	0.00115	0.0188	0.0172	0.00000515	16.1	0.0000155	0.000232
2064 Mar	65.8	0.093	0.139	0.0019	17.3	0.0414	9.49	0.00101	0.00101	0.00000508	0.00731	0.00116	0.0188	0.0172	0.00000515	16.1	0.0000156	0.000233
2064 Apr	66	0.0932	0.14	0.0019	17.4	0.0415	9.52	0.00101	0.00101	0.00000509	0.00733	0.00116	0.0189	0.0173	0.00000517	16.2	0.0000156	0.000233
2064 May	76.5	0.0945	0.17	0.00207	20.1	0.0382	11.1	0.00101	0.00101	0.00000507	0.0071	0.00129	0.02	0.0216	0.00000516	19.5	0.0000172	0.000281
2064 Jun	78	0.0781	0.246	0.00251	20.3	0.0321	12.8	0.000978	0.000974	0.00000494	0.00677	0.00116	0.0235	0.0179	0.00000507	16.7	0.0000203	0.000275
2064 Jul	65.5	0.0569	0.175	0.0021	16.3	0.0328	9.75	0.00103	0.00102	0.00000516	0.0068	0.00114	0.0195	0.0163	0.00000526	14.8	0.0000187	0.000238
2064 Aug	59.8	0.0506	0.137	0.00187	15	0.0369	8.49	0.00103	0.00103	0.00000519	0.00631	0.00116	0.0175	0.0162	0.00000527	14.5	0.0000142	0.000212
2064 Sep	66.5	0.0835	0.155	0.00194	17.6	0.0409	9.97	0.00099	0.000987	0.00000498	0.00668	0.00116	0.0196	0.0171	0.00000507	16.1	0.0000138	0.000232
2064 Oct	71	0.0965	0.178	0.00209	19	0.0417	11.1	0.00099	0.000987	0.00000499	0.00701	0.00118	0.021	0.0177	0.00000508	16.8	0.0000153	0.000242
2064 Nov	71.4	0.097	0.179	0.0021	19.1	0.0419	11.2	0.000994	0.000991	0.00000501	0.00704	0.00118	0.0211	0.0178	0.00000511	16.8	0.0000153	0.000243
2064 Dec	71.4	0.0971	0.179	0.0021	19.1	0.0419	11.2	0.000995	0.000992	0.00000501	0.00704	0.00118	0.0211	0.0178	0.00000511	16.8	0.0000153	0.000243
2065 Jan	71.4	0.0971	0.179	0.0021	19.1	0.0419	11.2	0.000995	0.000992	0.00000501	0.00704	0.00118	0.0211	0.0178	0.00000511	16.8	0.0000153	0.000243
2065 Feb	71.5	0.0971	0.179	0.0021	19.1	0.0419	11.2	0.000995	0.000992	0.00000501	0.00704	0.00118	0.0211	0.0178	0.00000511	16.8	0.0000153	0.000244
2065 Mar	71.6	0.0973	0.179	0.0021	19.1	0.042	11.2	0.000997	0.000994	0.00000502	0.00706	0.00119	0.0211	0.0179	0.00000512	16.9	0.0000154	0.000244
2065 Apr	72	0.0978	0.18	0.00211	19.2	0.0422	11.3	0.001	0.000999	0.00000505	0.00709	0.00119	0.0212	0.018	0.00000515	17	0.0000154	0.000245
2065 May	83.5	0.0923	0.171	0.00201	21.6	0.035	11.6	0.000999	0.000996	0.00000503	0.00687	0.00142	0.0195	0.026	0.00000512	22.8	0.0000181	0.000323
2065 Jun	80.4	0.0811	0.261	0.00255	21	0.0328	13.6	0.000963	0.000958	0.00000487	0.00662	0.00118	0.0246	0.0184	0.00000501	17.1	0.0000199	0.000279
2065 Jul	77.4	0.0737	0.241	0.0025	19.7	0.0346	12.7	0.00105	0.00104	0.00000528	0.00715	0.0012	0.0241	0.0176	0.00000542	16.4	0.0000208	0.000273
2065 Aug	73.8	0.0695	0.205	0.00232	18.7	0.0378	11.5	0.00109	0.00108	0.00000548	0.00714	0.00123	0.0227	0.0179	0.00000559	16.6	0.0000186	0.000265
2065 Sep	65.2	0.0853	0.136	0.00182	16.8	0.0407	9.36	0.00102	0.00102	0.00000513	0.00725	0.00117	0.0189	0.0174	0.0000052	16.2	0.0000157	0.000238
2065 Oct	77.3	0.109	0.217	0.00227	20.8	0.0414	13	0.000963	0.000959	0.00000486	0.00716	0.00119	0.0232	0.0184	0.00000498	17.5	0.000017	0.000255
2065 Nov	78.5	0.11	0.224	0.00231	21.1	0.0415	13.3	0.000966	0.000961	0.00000487	0.00717	0.0012	0.0237	0.0185	0.000005	17.7	0.0000171	0.000258
2065 Dec	78.6	0.11	0.224	0.00231	21.2	0.0415	13.3	0.000966	0.000961	0.00000487	0.00717	0.0012	0.0237	0.0185	0.000005	17.7	0.0000171	0.000258
2066 Jan	78.6	0.11	0.224	0.00232	21.2	0.0416	13.3	0.000966	0.000961	0.00000487	0.00718	0.0012	0.0237	0.0185	0.000005	17.7	0.0000171	0.000258
2066 Feb	78.6	0.11	0.225	0.00232	21.2	0.0416	13.4	0.000967	0.000962	0.00000488	0.00718	0.0012	0.0237	0.0185	0.00000501	17.7	0.0000171	0.000258
2066 Mar	78.8	0.111	0.225	0.00232	21.2	0.0417	13.4	0.000969	0.000964	0.00000489	0.0072	0.0012	0.0238	0.0186	0.00000502	17.7	0.0000172	0.000259
2066 Apr	79.1	0.111	0.226	0.00233	21.3	0.0418	13.4	0.000973	0.000968	0.00000491	0.00722	0.00121	0.0238	0.0187	0.00000504	17.8	0.0000172	0.00026
2066 May	81	0.11	0.221	0.00231	21.7	0.0412	13.4	0.000986	0.000981	0.00000497	0.00727	0.00126	0.0235	0.0201	0.0000051	18.8	0.0000177	0.000274
2066 Jun	74.5	0.0717	0.233	0.00233	19	0.0316	12.3	0.000966	0.00096	0.00000487	0.00671	0.00114	0.023	0.0172	0.000005	16	0.00002	0.000267
2066 Jul	65.3	0.054	0.172	0.00204	15.8	0.0329	9.68	0.00106	0.00105	0.00000531	0.00711	0.00115	0.0198	0.0162	0.0000054	14.8	0.0000198	0.000245
2066 Aug	62.8	0.0506	0.144	0.00192	15.2	0.0364	8.83	0.0011	0.00109	0.00000551	0.00706	0.00119	0.0187	0.0167	0.00000559	15	0.0000176	0.000236
2066 Sep	59.5	0.0658	0.105	0.00166	14.6	0.0392	7.76	0.00107	0.00107	0.00000538	0.00733	0.00117	0.0169	0.0168	0.00000544	15.3	0.0000162	0.000227
2066 Oct	61.7	0.0915	0.107	0.00162	15.8	0.0412	8.45	0.00101	0.00101	0.00000507	0.00758	0.00115	0.017	0.0173	0.00000513	16	0.000016	0.000226
2066 Nov	63.9	0.096	0.122	0.0017	16.5	0.0415	9.12	0.001	0.000997	0.00000502	0.00755	0.00116	0.0179	0.0175	0.00000509	16.3	0.0000161	0.00023
2066 Dec	64	0.0961	0.122	0.0017	16.6	0.0415	9.13	0.001	0.000998	0.00000503	0.00756	0.00116	0.0179	0.0175	0.00000509	16.3	0.0000161	0.00023
2067 Jan	64	0.0961	0.122	0.0017	16.6	0.0415	9.13	0.001	0.000998	0.00000503	0.00756	0.00116	0.0179	0.0175	0.0000051	16.3	0.0000161	0.00023
2067 Feb	64	0.0962	0.122	0.0017	16.6	0.0415	9.14	0.001	0.000999	0.00000503	0.00756	0.00116	0.0179	0.0175	0.0000051	16.3	0.0000161	0.00023
2067 Mar	64.1	0.0963	0.122	0.0017	16.6	0.0416	9.15	0.001	0.001	0.00000504	0.00757	0.00116	0.0179	0.0175	0.0000051	16.3	0.0000161	0.00023
2067 Apr	64.3	0.0966	0.122	0.00171	16.6	0.0417	9.17	0.00101	0.001	0.00000505	0.00759	0.00116	0.018	0.0176	0.00000512	16.4	0.0000162	0.000231
2067 May	76.4	0.0904	0.123	0.00168	19.3	0.0353	9.82	0.00101	0.001	0.00000505	0.00724	0.00139	0.0169	0.0252	0.00000512	22	0.0000181	0.000307
2067 Jun	76.3	0.0718	0.221	0.00224	19.3	0.0312	12.3	0.00097	0.000964	0.00000489	0.00671	0.00119	0.0224	0.0189	0.00000501	17.3	0.0000201	0.000282
2067 Jul	69.5	0.0594	0.184	0.0021	17	0.0327	10.6	0.00105	0.00104	0.00000526	0.00711	0.00118	0.0208	0.0175	0.00000536	15.9	0.0000203	0.000261
2067 Aug	57.5	0.0432	0.115	0.0017	13.9	0.0368	7.81	0.00106	0.00106	0.00000532	0.00644	0.00118	0.0164	0.0166	0.00000538	14.6	0.0000145	0.000211
2067 Sep	56.5	0.0574	0.0908	0.00154	13.9	0.0397	7.27	0.00104	0.00104	0.00000523	0.00667	0.00117	0.0159	0.0167	0.00000528	15	0.0000132	0.000213
2067 Oct	65.2	0.0934	0.134	0.00174	16.9	0.0412	9.69	0.000984	0.00098	0.00000494	0.00724	0.00116	0.0186	0.0175	0.00000502	16.4	0.0000154	0.000231
2067 Nov	66.5	0.0994	0.137	0.00176	17.4	0.0418	9.98	0.00098	0.000976	0.00000492	0.00738	0.00116	0.0189	0.0177	0.000005	16.6	0.0000157	0.000233
2067 Dec	66.5	0.0995	0.138	0.00176	17.4	0.0418	9.99	0.000981	0.000977	0.00000493	0.00739	0.00116	0.0189	0.0178	0.00000501	16.6	0.0000158	0.000234
2068 Jan	66.5	0.0995	0.138	0.00176	17.4	0.0418	10	0.000982	0.000978	0.00000493	0.00739	0.00116	0.0189	0.0178	0.00000501	16.6	0.0000158	0.000234

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2068 Feb	66.6	0.0996	0.138	0.00176	17.4	0.0418	10	0.000982	0.000978	0.00000493	0.00739	0.00117	0.0189	0.0178	0.00000501	16.6	0.0000158	0.000234
2068 Mar	66.7	0.0998	0.138	0.00177	17.4	0.0419	10	0.000984	0.00098	0.00000494	0.00741	0.00117	0.019	0.0178	0.00000502	16.7	0.0000158	0.000234
2068 Apr	67.4	0.101	0.139	0.00179	17.6	0.0423	10.1	0.000994	0.00099	0.00000499	0.00748	0.00118	0.0191	0.018	0.00000507	16.8	0.000016	0.000237
2068 May	75.7	0.097	0.152	0.00184	19.5	0.0386	10.9	0.000998	0.000993	0.00000501	0.00726	0.00131	0.0193	0.0223	0.0000051	20.1	0.0000174	0.000283
2068 Jun	73.2	0.068	0.221	0.0022	18.4	0.0312	12.1	0.000961	0.000953	0.00000484	0.00667	0.00114	0.0226	0.0172	0.00000497	16	0.0000199	0.000267
2068 Jul	60.5	0.047	0.146	0.00182	14.5	0.0325	8.82	0.00102	0.00101	0.00000512	0.00669	0.00112	0.0181	0.0158	0.0000052	14.2	0.0000179	0.000227
2068 Aug	60.8	0.047	0.132	0.0018	14.6	0.0363	8.53	0.00108	0.00107	0.00000541	0.00682	0.00119	0.0179	0.0166	0.00000549	14.8	0.0000166	0.000228
2068 Sep	57.2	0.0674	0.0869	0.00151	14	0.0397	7.29	0.00105	0.00105	0.00000526	0.00723	0.00116	0.0159	0.0168	0.00000531	15.2	0.0000151	0.000219
2068 Oct	58.1	0.0811	0.0818	0.00147	14.5	0.0411	7.42	0.00103	0.00103	0.00000518	0.00752	0.00116	0.0158	0.0171	0.00000523	15.7	0.0000154	0.00022
2068 Nov	58.4	0.0821	0.0825	0.00148	14.6	0.0414	7.48	0.00104	0.00104	0.0000052	0.00757	0.00116	0.0158	0.0172	0.00000525	15.8	0.0000154	0.000221
2068 Dec	58.5	0.0822	0.0826	0.00148	14.6	0.0414	7.49	0.00104	0.00104	0.0000052	0.00757	0.00116	0.0159	0.0172	0.00000525	15.8	0.0000155	0.000221
2069 Jan	58.5	0.0822	0.0826	0.00148	14.6	0.0414	7.49	0.00104	0.00104	0.00000521	0.00757	0.00116	0.0159	0.0172	0.00000525	15.8	0.0000155	0.000221
2069 Feb	58.5	0.0822	0.0826	0.00148	14.6	0.0414	7.49	0.00104	0.00104	0.00000521	0.00758	0.00117	0.0159	0.0172	0.00000525	15.8	0.0000155	0.000221
2069 Mar	58.5	0.0822	0.0826	0.00148	14.6	0.0414	7.49	0.00104	0.00104	0.00000521	0.00758	0.00117	0.0159	0.0172	0.00000525	15.8	0.0000155	0.000221
2069 Apr	58.6	0.0824	0.0828	0.00149	14.7	0.0415	7.51	0.00104	0.00104	0.00000522	0.00759	0.00117	0.0159	0.0173	0.00000527	15.8	0.0000155	0.000222
2069 May	61.5	0.0837	0.0832	0.0015	15.3	0.0414	7.71	0.00106	0.00106	0.00000532	0.00771	0.00122	0.016	0.0188	0.00000536	17	0.0000161	0.000237
2069 Jun	70.2	0.0629	0.195	0.00205	17.3	0.0305	11.2	0.000971	0.000964	0.00000488	0.00679	0.00113	0.0213	0.0172	0.000005	15.8	0.0000201	0.000266
2069 Jul	65.6	0.0532	0.169	0.00196	15.7	0.0316	9.89	0.00103	0.00103	0.00000519	0.0071	0.00114	0.0201	0.0163	0.00000529	14.9	0.0000203	0.000252
2069 Aug	59.9	0.0483	0.124	0.00173	14.3	0.0358	8.28	0.00106	0.00105	0.0000053	0.00678	0.00116	0.0179	0.0163	0.00000537	14.8	0.0000163	0.000232
2069 Sep	64.7	0.0759	0.139	0.00176	16.4	0.0392	9.61	0.001	0.000998	0.00000504	0.00693	0.00116	0.0191	0.0172	0.00000512	16	0.0000154	0.000238
2069 Oct	76	0.103	0.202	0.00208	20.1	0.0409	12.8	0.000965	0.000957	0.00000485	0.00716	0.00121	0.0226	0.0187	0.00000498	17.6	0.000017	0.000259
2069 Nov	75.4	0.104	0.196	0.00205	19.9	0.0411	12.6	0.000968	0.00096	0.00000486	0.00722	0.00121	0.0223	0.0187	0.00000498	17.6	0.0000169	0.000258
2069 Dec	75.4	0.104	0.197	0.00205	19.9	0.0411	12.6	0.000968	0.00096	0.00000486	0.00723	0.00121	0.0223	0.0187	0.00000499	17.6	0.000017	0.000258
2070 Jan	75.4	0.104	0.197	0.00205	19.9	0.0411	12.6	0.000968	0.00096	0.00000487	0.00723	0.00121	0.0223	0.0187	0.00000499	17.6	0.000017	0.000258
2070 Feb	75.4	0.104	0.197	0.00205	19.9	0.0411	12.6	0.000968	0.00096	0.00000487	0.00723	0.00121	0.0223	0.0187	0.00000499	17.6	0.000017	0.000258
2070 Mar	75.5	0.104	0.197	0.00205	19.9	0.0412	12.6	0.000969	0.000961	0.00000487	0.00723	0.00121	0.0224	0.0187	0.00000499	17.6	0.000017	0.000258
2070 Apr	75.9	0.105	0.198	0.00206	20	0.0414	12.6	0.000974	0.000966	0.00000489	0.00727	0.00122	0.0225	0.0188	0.00000502	17.8	0.0000171	0.00026
2070 May	81.6	0.0996	0.194	0.00203	21.2	0.0381	12.7	0.000985	0.000977	0.00000495	0.00711	0.00134	0.0217	0.0228	0.00000507	20.6	0.0000181	0.000299
2070 Jun	74.6	0.0671	0.2	0.00205	18.6	0.0305	11.7	0.000971	0.000963	0.00000488	0.00671	0.00121	0.0213	0.0194	0.000005	17.6	0.00002	0.000286
2070 Jul	65.9	0.0527	0.155	0.00186	15.7	0.0311	9.53	0.00103	0.00102	0.00000517	0.00701	0.00118	0.019	0.0177	0.00000526	15.8	0.0000199	0.00026
2070 Aug	61	0.0463	0.122	0.00171	14.5	0.0349	8.27	0.00107	0.00106	0.00000534	0.00679	0.0012	0.0172	0.0175	0.00000541	15.4	0.0000168	0.000237
2070 Sep	62.9	0.0832	0.116	0.00162	15.9	0.0396	8.9	0.001	0.000995	0.00000501	0.00725	0.00117	0.0175	0.0176	0.00000508	16.2	0.0000158	0.000233
2070 Oct	74	0.1	0.189	0.00199	19.5	0.0405	12.2	0.000965	0.000956	0.00000484	0.00714	0.0012	0.0218	0.0185	0.00000496	17.4	0.0000168	0.000256
2070 Nov	75.8	0.101	0.201	0.00206	20	0.0405	12.7	0.000966	0.000956	0.00000485	0.00711	0.00121	0.0225	0.0187	0.00000497	17.6	0.0000169	0.000261
2070 Dec	75.8	0.101	0.201	0.00206	20	0.0405	12.7	0.000966	0.000956	0.00000485	0.00711	0.00121	0.0225	0.0187	0.00000497	17.6	0.0000169	0.000261
2071 Jan	75.8	0.101	0.201	0.00206	20	0.0405	12.7	0.000966	0.000956	0.00000485	0.00711	0.00121	0.0225	0.0187	0.00000497	17.6	0.0000169	0.000261
2071 Feb	75.8	0.101	0.201	0.00206	20	0.0405	12.7	0.000966	0.000956	0.00000485	0.00711	0.00121	0.0225	0.0187	0.00000498	17.6	0.0000169	0.000261
2071 Mar	75.9	0.101	0.201	0.00206	20	0.0405	12.7	0.000966	0.000957	0.00000485	0.00711	0.00121	0.0225	0.0187	0.00000498	17.6	0.000017	0.000261
2071 Apr	76	0.101	0.202	0.00206	20	0.0406	12.7	0.000968	0.000959	0.00000486	0.00713	0.00122	0.0225	0.0188	0.00000499	17.7	0.000017	0.000262
2071 May	83.4	0.0924	0.185	0.00195	21.4	0.035	12.5	0.000974	0.000966	0.00000489	0.00685	0.00139	0.0206	0.0249	0.000005	22	0.0000184	0.000319
2071 Jun	74.8	0.0686	0.212	0.00209	18.8	0.0311	12.1	0.000959	0.000948	0.00000481	0.0066	0.00119	0.0219	0.0188	0.00000494	17.2	0.0000195	0.000281
2071 Jul	67.9	0.0573	0.181	0.00197	16.5	0.0317	10.5	0.00101	0.001	0.00000508	0.00694	0.00116	0.0204	0.0169	0.00000519	15.4	0.0000199	0.00026
2071 Aug	65.8	0.0556	0.155	0.00187	16	0.0351	9.66	0.00106	0.00105	0.00000529	0.00695	0.00119	0.0196	0.0172	0.00000538	15.7	0.0000179	0.000254
2071 Sep	60.3	0.0735	0.104	0.00155	15.2	0.0396	8.16	0.00101	0.001	0.00000505	0.00699	0.00115	0.0172	0.017	0.00000512	15.8	0.0000144	0.000233
2071 Oct	64.8	0.0901	0.128	0.00165	16.7	0.0404	9.47	0.000982	0.000975	0.00000492	0.00721	0.00116	0.0183	0.0177	0.000005	16.5	0.0000154	0.000239
2071 Nov	67.1	0.0963	0.139	0.00171	17.4	0.0409	10.1	0.000979	0.000971	0.0000049	0.00732	0.00118	0.0189	0.0181	0.00000499	16.9	0.0000159	0.000243
2071 Dec	67.3	0.0966	0.14	0.00171	17.5	0.0409	10.1	0.000979	0.000971	0.0000049	0.00732	0.00118	0.0189	0.0181	0.00000499	16.9	0.0000159	0.000243
2072 Jan	67.3	0.0966	0.14	0.00172	17.5	0.0409	10.1	0.000979	0.000971	0.0000049	0.00732	0.00118	0.019	0.0181	0.00000499	16.9	0.0000159	0.000243
2072 Feb	67.3	0.0966	0.14	0.00172	17.5	0.0409	10.1	0.000979	0.000971	0.0000049	0.00732	0.00118	0.019	0.0181	0.00000499	16.9	0.0000159	0.000243
2072 Mar	67.3	0.0966	0.14	0.00172	17.5	0.041	10.1	0.000979	0.000972	0.00000491	0.00732	0.00118	0.019	0.0181	0.00000499	16.9	0.0000159	0.000244
2072 Apr	67.5	0.097	0.14	0.00172	17.6	0.0411	10.2	0.000983	0.000975	0.00000492	0.00735	0.00118	0.019	0.0182	0.00000501	17	0.000016	0.000244
2072 May	68.9	0.0989	0.143	0.00176	17.9	0.0419	10.4	0.001	0.000995	0.00000502	0.0075	0.00121	0.0194	0.0185	0.00000511	17.3	0.0000163	0.00025
2072 Jun	67.4	0.0614	0.18	0.00192	16.5	0.0308	10.5	0.000973	0.000963	0.00000487	0.00685	0.00112	0.0203	0.0166	0.00000499	15.3	0.0000197	0.000259
2072 Jul	59.9	0.0461	0.142	0.00174	14.5	0.0334	8.87	0.00101	0.000997	0.00000503	0.00641	0.00114	0.0176	0.016	0.00000512	14.3	0.0000164	0.000222
2072 Aug	64.8	0.0622	0.149	0.00177	16.6	0.0396	9.81	0.000998	0.000989	0.00000499	0.00611	0.00118	0.0196	0.0172	0.00000509	16	0.0000124	0.00024
2072 Sep	69.3	0.0812	0.164	0.00184	18.2	0.0409	10.9	0.000979	0.000969	0.0000049	0.00648	0.00119	0.0208	0.0179	0.00000501	16.9	0.0000134	0.000253
2072 Oct	74.7	0.0982	0.197	0.002	19.8	0.0399	12.4	0.000961	0.000948	0.00000481	0.007	0.00121	0.0219	0.0186	0.00000493	17.5	0.0000166	0.000262
2072 Nov	75.2	0.0988	0.2	0.00202	19.9	0.04	12.5	0.000962	0.000949	0.00000482	0.00702	0.00121	0.0221	0.0187	0.00000494	17.5	0.0000167	0.000263
2072 Dec	75.3	0.0988	0.2	0.00202	19.9	0.04	12.5	0.000962	0.000949	0.00000482	0.00702	0.00121	0.0221	0.0187	0.00000494	17.6	0.0000167	0.000263
2073 Jan	75.3	0.0988	0.201	0.00202	19.9	0.04	12.6	0.000962	0.000949	0.00000482	0.00702	0.00121	0.0221	0.0187	0.00000495	17.6	0.0000167	0.000263
2073 Feb	75.3	0.0988	0.201	0.00202	19.9	0.04	12.6	0.000963	0.000949	0.00000482	0.00702	0.00121	0.0221	0.0187	0.00000495	17.6	0.0000167	0.000263
2073 Mar	75.4	0.0989	0.201	0.00202	19.9	0.04	12.6	0.000963	0.00095	0.00000482	0.00702	0.00122	0.0221	0.0187	0.00000495	17.6	0.0000167	0.000263
2073 Apr	76	0.0997	0.202	0.00204	20.1	0.0403	12.7	0.000971	0.000958	0.00000486	0.00708	0.00123	0.0223	0.0188	0.00000499	17.7	0.0000169	0.000265
2073 May	82.5	0.0923	0.19	0.00195	21.3	0.0357	12.6	0.000979	0.000966	0.0000049	0.00687	0.00137	0.0209	0.024	0.00000502	21.4	0.0000181	0.000314
2073 Jun	77.1	0.0711	0.215	0.00207	19.5	0.0316	12.6	0.000957	0.000941	0.00000478	0.0065	0.00124	0.022	0.0198	0.00000492	18	0.0000191	0.000291
2073 Jul	71.3	0.0625	0.197	0.00203	17.9	0.0346	11.6	0.001	0.000988	0.00000501	0.00651	0.00122	0.0212	0.018	0.00000514	16.4	0.0000175	0.00026
2073 Aug	64.1	0.0526	0.149	0.00181	15.9	0.0376	9.66	0.00104	0.00103	0.0000052	0.00635	0.00123	0.0186	0.0176	0.0000053	15.7	0.0000146	0.000232
2073 Sep	60.6	0.0692	0.111	0.00157	15.3	0.04	8.5	0.00101	0.001	0.00000506	0.00671	0.00118	0.0171	0.0173	0.00000513	15.8	0.0000136	0.000226

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2073 Oct	68.7	0.0933	0.154	0.00176	17.9	0.0403	10.7	0.00097	0.000958	0.00000485	0.00709	0.00119	0.0196	0.0181	0.00000495	16.9	0.0000157	0.000246
2073 Nov	72.4	0.0956	0.179	0.00189	19	0.0401	11.8	0.000965	0.000951	0.00000482	0.00703	0.00121	0.021	0.0184	0.00000494	17.3	0.0000163	0.000256
2073 Dec	72.5	0.0957	0.179	0.00189	19	0.0401	11.8	0.000966	0.000952	0.00000483	0.00703	0.00121	0.0211	0.0185	0.00000494	17.3	0.0000163	0.000256
2074 Jan	72.5	0.0957	0.179	0.0019	19	0.0401	11.8	0.000966	0.000952	0.00000483	0.00703	0.00121	0.0211	0.0185	0.00000494	17.3	0.0000163	0.000256
2074 Feb	72.5	0.0957	0.179	0.0019	19	0.0401	11.8	0.000966	0.000952	0.00000483	0.00703	0.00121	0.0211	0.0185	0.00000494	17.3	0.0000163	0.000256
2074 Mar	72.6	0.0958	0.179	0.0019	19	0.0401	11.9	0.000966	0.000953	0.00000483	0.00704	0.00121	0.0211	0.0185	0.00000495	17.3	0.0000163	0.000257
2074 Apr	73.1	0.0965	0.181	0.00191	19.2	0.0404	11.9	0.000973	0.00096	0.00000486	0.00709	0.00122	0.0212	0.0186	0.00000498	17.4	0.0000164	0.000258
2074 May	81.2	0.0903	0.18	0.00189	20.9	0.0358	12.3	0.00098	0.000967	0.0000049	0.00686	0.00137	0.0205	0.0238	0.00000501	21.2	0.0000179	0.000311
2074 Jun	76	0.0693	0.211	0.00204	19.1	0.0317	12.5	0.00096	0.000942	0.00000479	0.00652	0.00123	0.0222	0.0192	0.00000493	17.5	0.0000191	0.000287
2074 Jul	70.1	0.0587	0.18	0.00195	17.1	0.0329	11	0.00103	0.00102	0.00000514	0.00694	0.00122	0.0208	0.0179	0.00000526	16.3	0.0000195	0.00027
2074 Aug	70.9	0.0591	0.171	0.00196	17.3	0.036	10.8	0.00109	0.00108	0.00000544	0.00717	0.00128	0.0209	0.0186	0.00000556	16.9	0.000019	0.000273
2074 Sep	62	0.0777	0.104	0.00154	15.5	0.0398	8.46	0.00103	0.00102	0.00000512	0.00729	0.00118	0.0172	0.0176	0.00000519	16.2	0.0000157	0.00024
2074 Oct	63.7	0.0944	0.109	0.00154	16.3	0.0411	9.09	0.000989	0.00098	0.00000494	0.00748	0.00118	0.0174	0.0179	0.00000501	16.6	0.0000158	0.000237
2074 Nov	65.1	0.0952	0.118	0.00159	16.7	0.041	9.51	0.000988	0.000977	0.00000493	0.00745	0.00118	0.018	0.0181	0.00000501	16.8	0.0000159	0.000241
2074 Dec	65.3	0.0952	0.119	0.00159	16.8	0.041	9.57	0.000988	0.000977	0.00000493	0.00744	0.00119	0.0181	0.0181	0.00000501	16.8	0.0000159	0.000241
2075 Jan	65.4	0.0952	0.12	0.00159	16.8	0.041	9.58	0.000988	0.000978	0.00000493	0.00744	0.00119	0.0181	0.0181	0.00000501	16.8	0.000016	0.000242
2075 Feb	65.4	0.0952	0.12	0.00159	16.8	0.0411	9.58	0.000988	0.000978	0.00000493	0.00744	0.00119	0.0181	0.0181	0.00000501	16.8	0.000016	0.000242
2075 Mar	65.5	0.0954	0.12	0.0016	16.8	0.0411	9.6	0.00099	0.000979	0.00000494	0.00745	0.00119	0.0181	0.0181	0.00000502	16.9	0.000016	0.000242
2075 Apr	65.9	0.096	0.121	0.00161	16.9	0.0414	9.66	0.000996	0.000985	0.00000497	0.0075	0.00119	0.0182	0.0182	0.00000505	17	0.0000161	0.000243
2075 May	74	0.0908	0.112	0.00155	18.6	0.0368	9.78	0.00101	0.000998	0.00000503	0.00733	0.00137	0.017	0.024	0.0000051	21.1	0.0000176	0.000298
2075 Jun	68.5	0.0608	0.173	0.00185	16.6	0.0308	10.9	0.000965	0.000949	0.00000481	0.00672	0.00115	0.0205	0.0172	0.00000493	15.8	0.0000194	0.000266
2075 Jul	61.2	0.0461	0.138	0.00171	14.3	0.0314	9.05	0.00102	0.001	0.00000507	0.00681	0.00114	0.0183	0.016	0.00000517	14.4	0.0000188	0.000241
2075 Aug	56.5	0.0423	0.103	0.00155	13.3	0.0353	7.67	0.00104	0.00103	0.00000519	0.00655	0.00115	0.0165	0.016	0.00000526	14.3	0.0000152	0.000222
2075 Sep	56.4	0.0523	0.0891	0.00148	13.5	0.0377	7.39	0.00104	0.00104	0.00000521	0.00678	0.00116	0.0162	0.0164	0.00000527	14.8	0.0000146	0.000222
2075 Oct	59.8	0.0749	0.0966	0.00149	14.9	0.0396	8.24	0.00101	0.001	0.00000505	0.00715	0.00116	0.0167	0.0171	0.00000512	15.7	0.0000152	0.000228
2075 Nov	60	0.0781	0.0947	0.00148	14.9	0.04	8.23	0.00101	0.001	0.00000505	0.00725	0.00117	0.0167	0.0172	0.00000512	15.8	0.0000152	0.000228
2075 Dec	60	0.0782	0.0948	0.00148	15	0.04	8.24	0.00101	0.001	0.00000506	0.00726	0.00117	0.0167	0.0172	0.00000512	15.8	0.0000153	0.000229
2076 Jan	60.1	0.0782	0.0949	0.00148	15	0.04	8.25	0.00101	0.001	0.00000506	0.00726	0.00117	0.0167	0.0172	0.00000512	15.8	0.0000153	0.000229
2076 Feb	60.1	0.0783	0.0949	0.00149	15	0.0401	8.25	0.00101	0.001	0.00000506	0.00726	0.00117	0.0167	0.0172	0.00000513	15.8	0.0000153	0.000229
2076 Mar	60.2	0.0784	0.095	0.00149	15	0.0401	8.26	0.00102	0.00101	0.00000507	0.00727	0.00117	0.0167	0.0172	0.00000513	15.8	0.0000153	0.000229
2076 Apr	60.4	0.0787	0.0954	0.00149	15	0.0403	8.29	0.00102	0.00101	0.00000508	0.00729	0.00117	0.0168	0.0173	0.00000515	15.9	0.0000153	0.00023
2076 May	70.6	0.0783	0.102	0.0015	17.5	0.0358	9.11	0.00102	0.00101	0.00000507	0.00711	0.00134	0.0164	0.0231	0.00000514	20.3	0.0000171	0.000289
2076 Jun	75.2	0.067	0.199	0.00196	18.7	0.0312	12.4	0.000953	0.000932	0.00000474	0.00647	0.00123	0.0218	0.0193	0.00000488	17.5	0.000019	0.000288
2076 Jul	69.2	0.0574	0.176	0.00191	16.9	0.033	11.1	0.00101	0.000994	0.00000504	0.00674	0.0012	0.0208	0.0175	0.00000516	15.9	0.0000188	0.000264
2076 Aug	66.8	0.0552	0.15	0.00182	16.3	0.0365	10.1	0.00106	0.00104	0.00000528	0.00679	0.00124	0.0199	0.0177	0.00000538	16.1	0.0000169	0.000256
2076 Sep	63.8	0.0632	0.121	0.00166	15.6	0.0388	9.1	0.00106	0.00105	0.00000529	0.00703	0.00122	0.0185	0.0177	0.00000537	16.2	0.0000159	0.000247
2076 Oct	61.1	0.0849	0.0942	0.00147	15.3	0.0405	8.4	0.00101	0.000998	0.00000503	0.00741	0.00117	0.0167	0.0175	0.00000509	16.2	0.0000156	0.000233
2076 Nov	62.3	0.0889	0.1	0.0015	15.8	0.0407	8.76	0.000999	0.000988	0.00000498	0.00743	0.00118	0.0171	0.0177	0.00000505	16.4	0.0000157	0.000235
2076 Dec	62.4	0.089	0.101	0.0015	15.8	0.0407	8.79	0.000999	0.000989	0.00000498	0.00744	0.00118	0.0171	0.0177	0.00000505	16.4	0.0000157	0.000235
2077 Jan	62.4	0.089	0.101	0.0015	15.8	0.0407	8.8	0.000999	0.000989	0.00000498	0.00744	0.00118	0.0171	0.0177	0.00000505	16.4	0.0000157	0.000235
2077 Feb	62.4	0.089	0.101	0.0015	15.8	0.0407	8.8	0.001	0.000989	0.00000498	0.00744	0.00118	0.0171	0.0177	0.00000505	16.4	0.0000157	0.000235
2077 Mar	62.5	0.089	0.101	0.0015	15.8	0.0407	8.8	0.001	0.000989	0.00000498	0.00744	0.00118	0.0171	0.0177	0.00000506	16.4	0.0000157	0.000236
2077 Apr	62.7	0.0894	0.102	0.00151	15.9	0.0409	8.84	0.001	0.000994	0.00000501	0.00747	0.00118	0.0172	0.0178	0.00000508	16.5	0.0000158	0.000237
2077 May	70.4	0.0871	0.115	0.00157	17.7	0.0379	9.74	0.00101	0.000993	0.00000501	0.00727	0.0013	0.0175	0.0216	0.00000509	19.3	0.000017	0.000277
2077 Jun	66.3	0.0534	0.153	0.00174	15.7	0.0288	10	0.000975	0.000957	0.00000485	0.00677	0.00115	0.0192	0.0174	0.00000496	15.7	0.00002	0.000269
2077 Jul	60.3	0.0429	0.12	0.00163	13.6	0.0289	8.29	0.00104	0.00102	0.00000517	0.00724	0.00113	0.0176	0.0162	0.00000525	14.6	0.000021	0.000256
2077 Aug	60.1	0.0439	0.106	0.0016	13.7	0.0327	7.9	0.00108	0.00107	0.00000539	0.00728	0.00118	0.0174	0.0168	0.00000547	15.1	0.0000193	0.000254
2077 Sep	60.6	0.0769	0.0958	0.00147	15.1	0.039	8.37	0.000995	0.000984	0.00000496	0.0071	0.00116	0.017	0.0172	0.00000503	15.9	0.0000151	0.000237
2077 Oct	67.3	0.0918	0.13	0.00163	17.2	0.0401	10.3	0.000979	0.000964	0.00000487	0.00724	0.0012	0.019	0.0182	0.00000497	17	0.000016	0.00025
2077 Nov	67.4	0.0924	0.13	0.00164	17.3	0.0403	10.3	0.000982	0.000967	0.00000489	0.00727	0.0012	0.019	0.0183	0.00000498	17	0.0000161	0.00025
2077 Dec	67.5	0.0924	0.13	0.00164	17.3	0.0403	10.3	0.000983	0.000968	0.00000489	0.00728	0.0012	0.019	0.0183	0.00000499	17	0.0000161	0.000251
2078 Jan	67.5	0.0924	0.13	0.00164	17.3	0.0403	10.3	0.000983	0.000968	0.00000489	0.00728	0.0012	0.019	0.0183	0.00000499	17	0.0000161	0.000251
2078 Feb	67.5	0.0925	0.13	0.00164	17.3	0.0403	10.3	0.000984	0.000968	0.00000489	0.00728	0.0012	0.019	0.0183	0.00000499	17	0.0000161	0.000251
2078 Mar	67.5	0.0925	0.13	0.00164	17.3	0.0404	10.3	0.000984	0.000968	0.00000489	0.00728	0.0012	0.019	0.0183	0.00000499	17.1	0.0000161	0.000251
2078 Apr	68.1	0.0933	0.131	0.00165	17.4	0.0407	10.4	0.000992	0.000976	0.00000493	0.00734	0.00121	0.0192	0.0185	0.00000503	17.2	0.0000162	0.000253
2078 May	80.3	0.0849	0.15	0.00172	20.2	0.0342	11.7	0.000982	0.000964	0.00000488	0.00682	0.00141	0.0192	0.0249	0.00000499	21.9	0.000018	0.000321
2078 Jun	76	0.0666	0.192	0.00194	18.8	0.0313	12.5	0.000966	0.00094	0.00000478	0.00653	0.00126	0.0218	0.0197	0.00000493	17.9	0.0000192	0.000295
2078 Jul	69.9	0.0562	0.161	0.00183	16.9	0.0332	10.9	0.00103	0.00101	0.0000051	0.00675	0.00126	0.02	0.0187	0.00000522	16.8	0.0000186	0.000272
2078 Aug	59.4	0.0446	0.106	0.00157	14.3	0.037	8.31	0.00105	0.00103	0.0000052	0.0063	0.00123	0.0166	0.0175	0.00000528	15.4	0.0000139	0.000227
2078 Sep	56.3	0.0541	0.0753	0.0014	13.7	0.0398	7.18	0.00104	0.00103	0.0000052	0.00653	0.0012	0.0156	0.0172	0.00000525	15.5	0.0000125	0.000221
2078 Oct	60.4	0.0739	0.091	0.00146	15.1	0.0403	8.31	0.00101	0.000999	0.00000503	0.00694	0.0012	0.0166	0.0177	0.0000051	16.2	0.000014	0.000231
2078 Nov	61.7	0.0783	0.0962	0.00148	15.5	0.0405	8.65	0.00101	0.000994	0.00000501	0.00703	0.0012	0.0169	0.0179	0.00000508	16.4	0.0000144	0.000234
2078 Dec	61.7	0.0784	0.0962	0.00148	15.5	0.0406	8.65	0.00101	0.000995	0.00000501	0.00704	0.0012	0.0169	0.0179	0.00000509	16.4	0.0000144	0.000234
2079 Jan	61.7	0.0784	0.0962	0.00148	15.5	0.0406	8.65	0.00101	0.000995	0.00000501	0.00704	0.0012	0.0169	0.0179	0.00000509	16.4	0.0000144	0.000234
2079 Feb	61.7	0.0784	0.0962	0.00148	15.5	0.0406	8.65	0.00101	0.000995	0.00000501	0.00704	0.0012	0.0169	0.0179	0.00000509	16.4	0.0000144	0.000234
2079 Mar	61.8	0.0784	0.0963	0.00148	15.5	0.0406	8.66	0.00101	0.000996	0.00000502	0.00704	0.0012	0.0169	0.0179	0.00000509	16.4	0.0000144	0.000234
2079 Apr	62	0.0788	0.0967	0.00149	15.6	0.0408	8.7	0.00101	0.001	0.00000504	0.00708	0.00121	0.017	0.018	0.00000512	16.5	0.0000144	0.000236
2079 May	65	0.0797	0.0968	0.0015	16.3	0.0403	8.89	0.00103	0.00102	0.00000512	0.00716	0.00126	0.017	0.0196	0.00000519	17.7	0.0000151	0.000252

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2079 Jun	69.3	0.0574	0.165	0.00179	16.7	0.0298	11.1	0.000962	0.000938	0.00000476	0.0066	0.00118	0.0202	0.0178	0.00000489	16.2	0.0000194	0.000276
2079 Jul	60.1	0.0433	0.122	0.00162	13.9	0.0308	8.74	0.00101	0.000994	0.00000502	0.00673	0.00115	0.0176	0.0162	0.00000512	14.5	0.0000185	0.000242
2079 Aug	56.1	0.0384	0.0945	0.00152	13	0.0349	7.59	0.00105	0.00104	0.00000524	0.00655	0.00118	0.016	0.0163	0.00000531	14.4	0.0000155	0.000221
2079 Sep	58.7	0.0707	0.086	0.00143	14.4	0.0389	7.99	0.00101	0.000999	0.00000503	0.00705	0.00117	0.0161	0.0171	0.0000051	15.6	0.0000149	0.000227
2079 Oct	65.9	0.0874	0.119	0.00158	16.7	0.0397	9.97	0.000982	0.000965	0.00000487	0.00717	0.00121	0.0183	0.0182	0.00000497	16.8	0.0000158	0.000246
2079 Nov	69	0.0911	0.135	0.00166	17.6	0.0397	10.8	0.000976	0.000956	0.00000484	0.00715	0.00122	0.0194	0.0186	0.00000495	17.2	0.0000162	0.000255
2079 Dec	69.8	0.0927	0.139	0.00168	17.8	0.0398	11.1	0.000974	0.000953	0.00000482	0.00716	0.00123	0.0197	0.0187	0.00000494	17.4	0.0000163	0.000257
2080 Jan	69.8	0.0927	0.139	0.00168	17.9	0.0398	11.1	0.000974	0.000952	0.00000482	0.00716	0.00123	0.0197	0.0187	0.00000494	17.4	0.0000163	0.000257
2080 Feb	69.8	0.0927	0.14	0.00168	17.9	0.0398	11.1	0.000974	0.000953	0.00000482	0.00716	0.00123	0.0197	0.0187	0.00000494	17.4	0.0000163	0.000257
2080 Mar	69.8	0.0927	0.14	0.00168	17.9	0.0398	11.1	0.000974	0.000953	0.00000482	0.00716	0.00123	0.0197	0.0187	0.00000494	17.4	0.0000163	0.000257
2080 Apr	70.1	0.093	0.14	0.00168	17.9	0.0399	11.1	0.000977	0.000956	0.00000484	0.00718	0.00123	0.0198	0.0188	0.00000495	17.4	0.0000163	0.000258
2080 May	71.8	0.0946	0.141	0.00171	18.3	0.0404	11.3	0.000997	0.000976	0.00000494	0.00732	0.00127	0.02	0.0195	0.00000505	18	0.0000167	0.000266
2080 Jun	67.7	0.0601	0.154	0.00175	16.3	0.0311	10.7	0.000975	0.00095	0.00000482	0.00678	0.00118	0.0199	0.0173	0.00000494	15.9	0.0000192	0.000269
2080 Jul	59.5	0.0428	0.121	0.00161	14	0.0322	8.86	0.001	0.000984	0.00000497	0.00643	0.00116	0.0173	0.0162	0.00000507	14.4	0.0000168	0.000232
2080 Aug	54.9	0.0396	0.0902	0.00147	13.1	0.0369	7.59	0.00103	0.00101	0.0000051	0.00608	0.00118	0.0156	0.0162	0.00000517	14.3	0.0000126	0.000208
2080 Sep	61.8	0.068	0.106	0.00152	15.5	0.0397	9.01	0.000997	0.00098	0.00000495	0.00653	0.00119	0.0177	0.0174	0.00000503	16	0.0000131	0.000235
2080 Oct	69.4	0.0861	0.141	0.00169	17.7	0.0396	11.1	0.000978	0.000954	0.00000483	0.00692	0.00123	0.0199	0.0184	0.00000495	17.1	0.0000156	0.000257
2080 Nov	71.1	0.0908	0.148	0.00172	18.2	0.0396	11.5	0.000973	0.000948	0.00000481	0.00703	0.00124	0.0203	0.0187	0.00000493	17.4	0.0000162	0.000261
2080 Dec	71.2	0.091	0.149	0.00172	18.2	0.0396	11.6	0.000973	0.000948	0.00000481	0.00704	0.00124	0.0204	0.0187	0.00000493	17.4	0.0000162	0.000262
2081 Jan	71.2	0.091	0.149	0.00172	18.2	0.0396	11.6	0.000973	0.000948	0.00000481	0.00704	0.00124	0.0204	0.0187	0.00000493	17.4	0.0000162	0.000262
2081 Feb	71.2	0.091	0.149	0.00172	18.2	0.0396	11.6	0.000973	0.000948	0.00000481	0.00704	0.00124	0.0204	0.0187	0.00000493	17.4	0.0000162	0.000262
2081 Mar	71.3	0.0911	0.149	0.00173	18.2	0.0396	11.6	0.000974	0.000949	0.00000481	0.00704	0.00124	0.0204	0.0187	0.00000493	17.4	0.0000162	0.000262
2081 Apr	71.7	0.0916	0.149	0.00173	18.3	0.0398	11.6	0.000978	0.000953	0.00000483	0.00707	0.00125	0.0205	0.0188	0.00000496	17.6	0.0000163	0.000264
2081 May	81.8	0.0832	0.143	0.00168	20.4	0.0333	11.8	0.000985	0.000961	0.00000487	0.00676	0.00145	0.0189	0.026	0.00000498	22.7	0.0000182	0.000333
2081 Jun	76.2	0.0651	0.177	0.00186	18.7	0.0309	12.3	0.000973	0.000942	0.00000479	0.00653	0.00129	0.0212	0.0204	0.00000494	18.4	0.0000192	0.000302
2081 Jul	75.9	0.0625	0.174	0.00192	18.4	0.0329	12.1	0.00105	0.00102	0.00000517	0.00705	0.00132	0.0217	0.02	0.00000531	18.1	0.0000204	0.000302
2081 Aug	76.9	0.0634	0.167	0.00194	18.6	0.036	12	0.00111	0.00108	0.00000547	0.00731	0.00138	0.022	0.0206	0.00000561	18.7	0.00002	0.000306
2081 Sep	65.8	0.0697	0.104	0.00158	16.1	0.0395	9.1	0.00107	0.00105	0.00000531	0.00723	0.00127	0.0183	0.0189	0.00000539	17.3	0.000016	0.000266
2081 Oct	62.4	0.0794	0.0811	0.00145	15.4	0.0407	8.19	0.00105	0.00104	0.00000523	0.00751	0.00123	0.0168	0.0185	0.0000053	17	0.0000158	0.00025
2081 Nov	59.1	0.0867	0.0618	0.00132	14.7	0.0414	7.37	0.00103	0.00102	0.00000513	0.00769	0.00119	0.0154	0.018	0.00000518	16.6	0.0000155	0.000236
2081 Dec	58.8	0.0875	0.0601	0.00131	14.6	0.0415	7.31	0.00103	0.00102	0.00000512	0.00771	0.00119	0.0153	0.018	0.00000517	16.5	0.0000154	0.000235
2082 Jan	58.8	0.0875	0.0601	0.00131	14.6	0.0415	7.31	0.00103	0.00102	0.00000512	0.00771	0.00119	0.0153	0.018	0.00000517	16.5	0.0000154	0.000235
2082 Feb	58.8	0.0875	0.0602	0.00131	14.6	0.0415	7.31	0.00103	0.00102	0.00000513	0.00771	0.00119	0.0153	0.018	0.00000517	16.6	0.0000154	0.000235
2082 Mar	58.9	0.0876	0.0602	0.00131	14.6	0.0415	7.31	0.00103	0.00102	0.00000513	0.00772	0.00119	0.0153	0.018	0.00000518	16.6	0.0000155	0.000235
2082 Apr	59.1	0.0879	0.0604	0.00132	14.7	0.0417	7.34	0.00103	0.00102	0.00000515	0.00775	0.00119	0.0154	0.0181	0.0000052	16.6	0.0000155	0.000236
2082 May	60.2	0.0894	0.0615	0.00134	15	0.0424	7.48	0.00105	0.00104	0.00000524	0.00788	0.00122	0.0156	0.0185	0.00000529	17	0.0000158	0.000241
2082 Jun	65.5	0.0592	0.137	0.00167	15.6	0.0317	10.2	0.000983	0.000957	0.00000485	0.00686	0.00117	0.0193	0.0169	0.00000497	15.6	0.0000189	0.000263
2082 Jul	61.7	0.0446	0.125	0.00165	14.4	0.0321	9.34	0.00102	0.001	0.00000506	0.00669	0.00118	0.0182	0.0164	0.00000516	14.7	0.000018	0.000245
2082 Aug	59	0.0438	0.0995	0.00155	13.8	0.036	8.28	0.00106	0.00104	0.00000524	0.00663	0.0012	0.0172	0.0166	0.00000533	14.9	0.0000154	0.000235
2082 Sep	57.2	0.0551	0.0775	0.00143	13.7	0.0387	7.51	0.00106	0.00104	0.00000524	0.00686	0.00119	0.0163	0.0168	0.0000053	15.2	0.0000143	0.00023
2082 Oct	61.6	0.0852	0.0904	0.00144	15.4	0.0401	8.78	0.000991	0.000974	0.00000491	0.00728	0.00118	0.0169	0.0175	0.00000499	16.2	0.0000153	0.000236
2082 Nov	61.9	0.0864	0.0907	0.00144	15.5	0.0403	8.84	0.000994	0.000976	0.00000492	0.00733	0.00119	0.0169	0.0176	0.000005	16.3	0.0000154	0.000236
2082 Dec	62	0.0864	0.0912	0.00145	15.6	0.0403	8.86	0.000994	0.000977	0.00000493	0.00733	0.00119	0.017	0.0176	0.000005	16.3	0.0000154	0.000237
2083 Jan	62	0.0865	0.0913	0.00145	15.6	0.0403	8.87	0.000995	0.000977	0.00000493	0.00733	0.00119	0.017	0.0176	0.00000501	16.3	0.0000154	0.000237
2083 Feb	62	0.0865	0.0913	0.00145	15.6	0.0403	8.87	0.000995	0.000977	0.00000493	0.00733	0.00119	0.017	0.0176	0.00000501	16.3	0.0000155	0.000237
2083 Mar	62.1	0.0866	0.0914	0.00145	15.6	0.0404	8.88	0.000996	0.000978	0.00000493	0.00734	0.00119	0.017	0.0176	0.00000501	16.3	0.0000155	0.000237
2083 Apr	62.4	0.087	0.0919	0.00146	15.7	0.0406	8.92	0.001	0.000983	0.00000496	0.00738	0.0012	0.0171	0.0177	0.00000504	16.4	0.0000156	0.000239
2083 May	73.4	0.0827	0.107	0.00152	18.2	0.0358	10.1	0.001	0.000982	0.00000496	0.00708	0.00137	0.0174	0.0233	0.00000505	20.6	0.0000173	0.000299
2083 Jun	73.3	0.0608	0.165	0.0018	17.7	0.0305	12	0.000971	0.000936	0.00000476	0.00654	0.00126	0.021	0.0191	0.00000491	17.4	0.0000192	0.000292
2083 Jul	65.1	0.0487	0.135	0.0017	15.3	0.0324	10.2	0.00102	0.000994	0.00000503	0.00668	0.00122	0.0191	0.0171	0.00000516	15.4	0.0000182	0.000257
2083 Aug	54.2	0.0374	0.0831	0.00144	12.9	0.0378	7.58	0.00103	0.00101	0.0000051	0.00592	0.0012	0.0152	0.0163	0.00000518	14.3	0.0000117	0.000201
2083 Sep	61.6	0.0695	0.1	0.0015	15.3	0.0394	9.16	0.001	0.000979	0.00000494	0.00668	0.00121	0.0173	0.0174	0.00000503	15.9	0.000014	0.000231
2083 Oct	71.7	0.0893	0.145	0.00171	18.2	0.039	11.9	0.000971	0.000939	0.00000476	0.00699	0.00125	0.0206	0.0186	0.0000049	17.4	0.0000165	0.000265
2083 Nov	72.9	0.0895	0.152	0.00175	18.5	0.0388	12.3	0.000969	0.000935	0.00000475	0.00696	0.00126	0.0211	0.0187	0.00000489	17.5	0.0000166	0.00027
2083 Dec	73	0.0895	0.153	0.00175	18.5	0.0388	12.3	0.00097	0.000935	0.00000475	0.00696	0.00126	0.0211	0.0187	0.00000489	17.5	0.0000167	0.00027
2084 Jan	73	0.0895	0.153	0.00175	18.5	0.0388	12.3	0.00097	0.000935	0.00000475	0.00696	0.00126	0.0211	0.0187	0.0000049	17.5	0.0000167	0.00027
2084 Feb	73	0.0895	0.153	0.00175	18.5	0.0388	12.3	0.00097	0.000935	0.00000475	0.00696	0.00126	0.0211	0.0187	0.0000049	17.5	0.0000167	0.00027
2084 Mar	73.1	0.0896	0.153	0.00175	18.5	0.0388	12.3	0.000971	0.000936	0.00000476	0.00697	0.00126	0.0212	0.0187	0.0000049	17.5	0.0000167	0.00027
2084 Apr	73.7	0.0903	0.154	0.00176	18.7	0.0391	12.4	0.000979	0.000944	0.0000048	0.00702	0.00127	0.0213	0.0189	0.00000494	17.7	0.0000168	0.000272
2084 May	82.2	0.0815	0.138	0.00166	20.4	0.0328	12	0.000987	0.000956	0.00000485	0.00674	0.00147	0.0191	0.026	0.00000497	22.7	0.0000185	0.000337
2084 Jun	72.6	0.0599	0.16	0.00178	17.5	0.0303	11.9	0.000971	0.000932	0.00000474	0.00651	0.00126	0.0208	0.0189	0.00000489	17.2	0.0000191	0.000291
2084 Jul	64.8	0.0479	0.128	0.00167	15.1	0.0319	9.96	0.00103	0.000999	0.00000506	0.00675	0.00123	0.0188	0.0173	0.00000518	15.6	0.0000186	0.000261
2084 Aug	60.9	0.0455	0.102	0.00156	14.3	0.0355	8.72	0.00106	0.00103	0.00000522	0.00663	0.00123	0.0175	0.0172	0.00000531	15.4	0.0000158	0.000244
2084 Sep	57.3	0.0572	0.0736	0.00139	13.8	0.0387	7.57	0.00103	0.00101	0.0000051	0.00667	0.00119	0.0162	0.0169	0.00000517	15.4	0.0000134	0.000232
2084 Oct	64.1	0.0835	0.1	0.00149	16	0.0397	9.57	0.00099	0.000965	0.00000488	0.00711	0.00121	0.0178	0.0179	0.00000497	16.6	0.0000153	0.000246
2084 Nov	68.1	0.0879	0.121	0.00159	17.2	0.0394	10.8	0.000981	0.00095	0.00000481	0.00709	0.00124	0.0192	0.0183	0.00000493	17.1	0.0000159	0.000257
2084 Dec	68.1	0.0879	0.121	0.00159	17.2	0.0394	10.8	0.000981	0.000951	0.00000482	0.00709	0.00124	0.0192	0.0183	0.00000493	17.1	0.000016	0.000257
2085 Jan	68.1	0.0879	0.121	0.00159	17.2	0.0394	10.8	0.000981	0.000951	0.00000482	0.00709	0.00124	0.0192	0.0183	0.00000493	17.1	0.000016	0.000257

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2085 Feb	68.2	0.0879	0.121	0.00159	17.2	0.0395	10.8	0.000981	0.000951	0.00000482	0.00709	0.00124	0.0192	0.0183	0.00000493	17.1	0.000016	0.000257
2085 Mar	68.2	0.088	0.121	0.00159	17.2	0.0395	10.8	0.000982	0.000952	0.00000482	0.0071	0.00124	0.0192	0.0184	0.00000494	17.1	0.000016	0.000257
2085 Apr	68.5	0.0883	0.121	0.0016	17.3	0.0396	10.8	0.000986	0.000956	0.00000484	0.00713	0.00124	0.0193	0.0184	0.00000496	17.2	0.000016	0.000258
2085 May	80.4	0.0801	0.124	0.00159	19.8	0.0328	11.5	0.000988	0.000957	0.00000485	0.00674	0.00146	0.0183	0.0259	0.00000496	22.6	0.0000181	0.000333
2085 Jun	75.4	0.0612	0.142	0.0017	18	0.0295	11.5	0.000989	0.000952	0.00000483	0.00663	0.00135	0.0196	0.0218	0.00000497	19.3	0.0000196	0.000313
2085 Jul	68.8	0.0512	0.116	0.00161	16.1	0.0316	9.92	0.00104	0.00101	0.00000511	0.00674	0.00133	0.0179	0.0206	0.00000522	18	0.0000186	0.000284
2085 Aug	59.1	0.0473	0.0809	0.00141	14.2	0.0368	7.99	0.00102	0.000999	0.00000503	0.00613	0.00123	0.0161	0.0181	0.00000511	16.1	0.0000127	0.000239
2085 Sep	68.1	0.0804	0.12	0.00159	17.1	0.0393	10.8	0.000984	0.000952	0.00000482	0.00677	0.00125	0.0194	0.0185	0.00000494	17.1	0.0000149	0.00026
2085 Oct	72.6	0.088	0.143	0.0017	18.3	0.0388	12.2	0.000972	0.000933	0.00000474	0.00689	0.00128	0.0209	0.0189	0.00000489	17.6	0.0000163	0.000271
2085 Nov	73.7	0.0889	0.148	0.00173	18.6	0.0387	12.6	0.00097	0.000929	0.00000472	0.00689	0.00128	0.0213	0.019	0.00000488	17.7	0.0000165	0.000274
2085 Dec	73.7	0.089	0.148	0.00173	18.6	0.0387	12.6	0.00097	0.000929	0.00000473	0.00689	0.00128	0.0213	0.019	0.00000488	17.7	0.0000165	0.000274
2086 Jan	73.7	0.089	0.148	0.00173	18.6	0.0387	12.6	0.00097	0.000929	0.00000473	0.00689	0.00128	0.0213	0.019	0.00000488	17.7	0.0000165	0.000274
2086 Feb	73.7	0.089	0.148	0.00173	18.6	0.0387	12.6	0.00097	0.00093	0.00000473	0.00689	0.00128	0.0213	0.019	0.00000488	17.7	0.0000165	0.000274
2086 Mar	73.7	0.089	0.148	0.00173	18.6	0.0387	12.6	0.000971	0.00093	0.00000473	0.0069	0.00129	0.0213	0.019	0.00000488	17.7	0.0000165	0.000274
2086 Apr	74.2	0.0895	0.149	0.00174	18.7	0.0389	12.6	0.000977	0.000935	0.00000476	0.00694	0.00129	0.0214	0.0191	0.00000491	17.8	0.0000166	0.000276
2086 May	78.6	0.0868	0.139	0.00169	19.6	0.0364	12.4	0.000992	0.000955	0.00000485	0.00693	0.0014	0.0202	0.0228	0.00000499	20.5	0.0000176	0.000309
2086 Jun	70.5	0.0565	0.144	0.00171	16.7	0.0298	11.4	0.000976	0.000934	0.00000475	0.00656	0.00125	0.0201	0.0186	0.00000489	16.8	0.0000192	0.000287
2086 Jul	62.5	0.0442	0.113	0.00161	14.3	0.0315	9.41	0.00104	0.00101	0.00000512	0.00689	0.00122	0.0182	0.0167	0.00000523	15.1	0.000019	0.000257
2086 Aug	55.8	0.0398	0.0776	0.00143	12.9	0.0361	7.57	0.00105	0.00103	0.0000052	0.00644	0.0012	0.016	0.0164	0.00000527	14.6	0.0000142	0.000225
2086 Sep	58.2	0.0633	0.0737	0.00138	14.3	0.0397	7.99	0.00101	0.000991	0.00000499	0.00659	0.00119	0.0165	0.017	0.00000507	15.6	0.0000127	0.000232
2086 Oct	61.1	0.0775	0.0807	0.0014	15.2	0.0404	8.7	0.001	0.000979	0.00000494	0.00698	0.00121	0.0169	0.0175	0.00000502	16.2	0.000014	0.000238
2086 Nov	61.3	0.078	0.0812	0.00141	15.2	0.0405	8.75	0.00101	0.000982	0.00000495	0.007	0.00121	0.017	0.0176	0.00000504	16.3	0.0000141	0.000239
2086 Dec	61.4	0.078	0.0812	0.00141	15.2	0.0405	8.76	0.00101	0.000982	0.00000495	0.00701	0.00121	0.017	0.0176	0.00000504	16.3	0.0000141	0.000239
2087 Jan	61.4	0.078	0.0812	0.00141	15.2	0.0405	8.76	0.00101	0.000982	0.00000496	0.00701	0.00121	0.017	0.0176	0.00000504	16.3	0.0000141	0.000239
2087 Feb	61.4	0.078	0.0813	0.00141	15.2	0.0406	8.76	0.00101	0.000983	0.00000496	0.00701	0.00121	0.017	0.0176	0.00000504	16.3	0.0000141	0.000239
2087 Mar	61.5	0.0781	0.0814	0.00141	15.3	0.0406	8.77	0.00101	0.000984	0.00000496	0.00702	0.00121	0.0171	0.0177	0.00000505	16.3	0.0000141	0.00024
2087 Apr	61.6	0.0784	0.0816	0.00142	15.3	0.0407	8.8	0.00101	0.000987	0.00000498	0.00704	0.00122	0.0171	0.0177	0.00000506	16.4	0.0000142	0.00024
2087 May	70.1	0.0774	0.095	0.00147	17.3	0.0371	9.86	0.00101	0.000981	0.00000495	0.00689	0.00134	0.0174	0.0218	0.00000505	19.4	0.0000158	0.000285
2087 Jun	70.8	0.0551	0.125	0.00162	16.6	0.0288	10.7	0.000992	0.000954	0.00000484	0.0067	0.0013	0.0189	0.0202	0.00000497	18	0.0000198	0.000299
2087 Jul	59.2	0.0395	0.0867	0.00145	13.5	0.0314	8.16	0.00103	0.001	0.00000505	0.00652	0.00123	0.0158	0.0178	0.00000513	15.5	0.000017	0.000244
2087 Aug	57.7	0.0382	0.0757	0.00143	13.2	0.0351	7.68	0.00107	0.00104	0.00000526	0.00648	0.00126	0.0154	0.0179	0.00000533	15.5	0.000015	0.000232
2087 Sep	56.8	0.053	0.0604	0.00136	13.3	0.038	7.16	0.00107	0.00105	0.00000529	0.00692	0.00124	0.0148	0.0179	0.00000535	15.8	0.0000147	0.000229
2087 Oct	57.8	0.0706	0.0595	0.00132	13.9	0.0395	7.46	0.00104	0.00102	0.00000514	0.00724	0.00122	0.015	0.0179	0.00000519	16.1	0.000015	0.000228
2087 Nov	59.4	0.0773	0.0658	0.00135	14.5	0.0399	7.97	0.00102	0.00101	0.00000506	0.00731	0.00122	0.0155	0.018	0.00000513	16.3	0.0000152	0.000232
2087 Dec	59.4	0.0773	0.0659	0.00135	14.5	0.04	7.98	0.00103	0.00101	0.00000506	0.00732	0.00122	0.0156	0.018	0.00000513	16.3	0.0000152	0.000232
2088 Jan	59.4	0.0774	0.0659	0.00135	14.5	0.04	7.98	0.00103	0.00101	0.00000506	0.00732	0.00122	0.0156	0.018	0.00000513	16.3	0.0000152	0.000233
2088 Feb	59.5	0.0774	0.0659	0.00135	14.5	0.04	7.98	0.00103	0.00101	0.00000506	0.00732	0.00122	0.0156	0.018	0.00000513	16.3	0.0000152	0.000233
2088 Mar	59.5	0.0775	0.066	0.00135	14.5	0.04	7.99	0.00103	0.00101	0.00000507	0.00733	0.00122	0.0156	0.018	0.00000514	16.3	0.0000152	0.000233
2088 Apr	60.2	0.0784	0.0667	0.00136	14.7	0.0405	8.08	0.00104	0.00102	0.00000513	0.00741	0.00124	0.0158	0.0183	0.0000052	16.5	0.0000154	0.000236
2088 May	63.7	0.081	0.0672	0.00138	15.6	0.0408	8.35	0.00106	0.00104	0.00000525	0.00755	0.0013	0.0159	0.02	0.00000531	17.9	0.000016	0.000253
2088 Jun	62.9	0.0481	0.109	0.00154	14.3	0.0287	9.49	0.000988	0.000954	0.00000483	0.00681	0.00118	0.0181	0.0169	0.00000495	15.3	0.0000197	0.000266
2088 Jul	61.8	0.0424	0.104	0.00157	13.7	0.0296	9.1	0.00105	0.00101	0.00000512	0.00716	0.00119	0.0182	0.0163	0.00000524	14.8	0.0000207	0.000264
2088 Aug	63.1	0.0441	0.0979	0.0016	14.1	0.0333	8.97	0.00111	0.00108	0.00000546	0.0074	0.00125	0.0185	0.0172	0.00000556	15.6	0.0000199	0.000268
2088 Sep	61.3	0.052	0.0822	0.00151	14	0.036	8.29	0.00111	0.00108	0.00000546	0.00748	0.00124	0.0176	0.0173	0.00000555	15.8	0.0000184	0.00026
2088 Oct	59	0.0832	0.0624	0.00132	14.4	0.0396	7.86	0.00102	0.001	0.00000504	0.00766	0.00118	0.0158	0.0174	0.0000051	16	0.0000164	0.000236
2088 Nov	60.7	0.089	0.0688	0.00135	15	0.0403	8.4	0.00101	0.000984	0.00000496	0.00763	0.00119	0.0162	0.0177	0.00000503	16.4	0.0000162	0.000238
2088 Dec	60.8	0.0891	0.0688	0.00135	15	0.0403	8.41	0.00101	0.000985	0.00000496	0.00764	0.0012	0.0162	0.0177	0.00000503	16.4	0.0000162	0.000238
2089 Jan	60.8	0.0891	0.0688	0.00135	15	0.0403	8.41	0.00101	0.000985	0.00000496	0.00764	0.0012	0.0162	0.0177	0.00000503	16.4	0.0000162	0.000238
2089 Feb	60.8	0.0891	0.0689	0.00135	15	0.0403	8.41	0.00101	0.000985	0.00000496	0.00764	0.0012	0.0162	0.0177	0.00000504	16.4	0.0000162	0.000238
2089 Mar	60.9	0.0892	0.069	0.00135	15	0.0404	8.43	0.00101	0.000987	0.00000497	0.00765	0.0012	0.0163	0.0177	0.00000504	16.4	0.0000162	0.000239
2089 Apr	61.3	0.0899	0.0695	0.00136	15.1	0.0407	8.48	0.00102	0.000993	0.00000501	0.00771	0.00121	0.0164	0.0179	0.00000508	16.5	0.0000163	0.00024
2089 May	72.5	0.0845	0.0889	0.00145	17.7	0.0362	9.98	0.00101	0.000987	0.00000498	0.00729	0.00138	0.017	0.0231	0.00000508	20.5	0.0000177	0.000299
2089 Jun	75	0.058	0.115	0.00158	17.5	0.0287	10.8	0.00101	0.000975	0.00000494	0.00682	0.00139	0.0184	0.023	0.00000506	20.1	0.0000203	0.000323
2089 Jul	63.4	0.0431	0.0835	0.00145	14.5	0.0316	8.53	0.00104	0.00102	0.00000512	0.0066	0.00131	0.0157	0.0201	0.00000521	17.4	0.0000174	0.000265
2089 Aug	58.5	0.0379	0.0703	0.00141	13.5	0.0362	7.73	0.00107	0.00105	0.00000528	0.0063	0.0013	0.0148	0.019	0.00000535	16.2	0.0000139	0.00023
2089 Sep	58.7	0.0575	0.0636	0.00136	14	0.0388	7.72	0.00105	0.00103	0.00000519	0.00676	0.00127	0.0151	0.0186	0.00000526	16.4	0.000014	0.000231
2089 Oct	69.2	0.088	0.109	0.00155	17.2	0.0397	11.1	0.00099	0.000953	0.00000483	0.00714	0.00128	0.0192	0.0189	0.00000495	17.5	0.0000161	0.000262
2089 Nov	71.4	0.0898	0.118	0.0016	17.8	0.0398	11.7	0.000992	0.000951	0.00000483	0.00715	0.0013	0.0201	0.0191	0.00000496	17.8	0.0000164	0.000269
2089 Dec	71.5	0.0899	0.118	0.0016	17.8	0.0398	11.8	0.000992	0.000952	0.00000483	0.00716	0.0013	0.0201	0.0191	0.00000496	17.8	0.0000164	0.000269
2090 Jan	71.5	0.0899	0.118	0.0016	17.8	0.0399	11.8	0.000993	0.000952	0.00000483	0.00716	0.0013	0.0201	0.0191	0.00000497	17.8	0.0000164	0.000269
2090 Feb	71.5	0.0899	0.118	0.0016	17.8	0.0399	11.8	0.000993	0.000953	0.00000483	0.00716	0.0013	0.0201	0.0192	0.00000497	17.8	0.0000165	0.00027
2090 Mar	71.6	0.09	0.119	0.0016	17.8	0.0399	11.8	0.000994	0.000954	0.00000484	0.00717	0.0013	0.0201	0.0192	0.00000497	17.8	0.0000165	0.00027
2090 Apr	71.9	0.0904	0.119	0.00161	17.9	0.0401	11.8	0.000998	0.000958	0.00000486	0.0072	0.0013	0.0202	0.0193	0.000005	17.9	0.0000165	0.000271
2090 May	74.6	0.0898	0.119	0.00161	18.5	0.0393	11.9	0.00101	0.000971	0.00000492	0.00723	0.00136	0.0201	0.0209	0.00000506	19.1	0.0000171	0.000287
2090 Jun	70.2	0.0539	0.127	0.00164	16.2	0.0299	11.4	0.000991	0.000946	0.0000048	0.00669	0.00127	0.0202	0.0185	0.00000495	16.8	0.0000196	0.000289
2090 Jul	60.4	0.0401	0.093	0.00151	13.3	0.0303	8.82	0.00105	0.00101	0.00000512	0.00701	0.0012	0.0176	0.0164	0.00000522	14.8	0.0000196	0.000256
2090 Aug	62.2	0.055	0.0877	0.00145	15.1	0.0393	9.29	0.00101	0.00098	0.00000495	0.0061	0.00124	0.0185	0.0174	0.00000505	16.2	0.0000118	0.000249
2090 Sep	69.2	0.0768	0.109	0.00156	17.1	0.0398	11.2	0.000997	0.000956	0.00000485	0.00666	0.00129	0.02	0.0186	0.00000498	17.4	0.0000144	0.000267

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2090 Oct	73.7	0.0901	0.126	0.00164	18.3	0.0395	12.5	0.000988	0.000939	0.00000477	0.00706	0.00132	0.021	0.0193	0.00000493	18.1	0.0000166	0.000278
2090 Nov	74.6	0.0892	0.131	0.00167	18.5	0.0392	12.9	0.000987	0.000935	0.00000476	0.00699	0.00133	0.0214	0.0194	0.00000492	18.1	0.0000167	0.000281
2090 Dec	74.7	0.0892	0.131	0.00167	18.5	0.0392	12.9	0.000987	0.000936	0.00000476	0.007	0.00133	0.0214	0.0194	0.00000492	18.1	0.0000167	0.000281
2091 Jan	74.7	0.0892	0.131	0.00167	18.5	0.0392	12.9	0.000987	0.000936	0.00000476	0.007	0.00133	0.0214	0.0194	0.00000492	18.1	0.0000167	0.000281
2091 Feb	74.7	0.0892	0.131	0.00167	18.5	0.0392	12.9	0.000988	0.000936	0.00000476	0.007	0.00133	0.0214	0.0194	0.00000492	18.1	0.0000167	0.000281
2091 Mar	74.9	0.0894	0.131	0.00168	18.6	0.0393	12.9	0.00099	0.000938	0.00000477	0.00701	0.00133	0.0214	0.0194	0.00000493	18.2	0.0000167	0.000282
2091 Apr	75.5	0.0901	0.133	0.00169	18.7	0.0396	13	0.000998	0.000945	0.00000481	0.00707	0.00134	0.0216	0.0196	0.00000497	18.3	0.0000169	0.000284
2091 May	79.7	0.0877	0.128	0.00167	19.6	0.0375	12.9	0.00101	0.000963	0.00000489	0.00704	0.00144	0.0209	0.0227	0.00000505	20.6	0.0000178	0.000313
2091 Jun	72	0.0564	0.125	0.00164	16.7	0.03	11.6	0.000995	0.000944	0.0000048	0.00665	0.00131	0.02	0.0196	0.00000495	17.7	0.0000194	0.000298
2091 Jul	67	0.048	0.107	0.00161	15.1	0.0311	10.2	0.00106	0.00102	0.00000516	0.00712	0.00129	0.0191	0.0183	0.00000529	16.4	0.0000203	0.000283
2091 Aug	57.5	0.0456	0.0682	0.00137	13.5	0.037	7.84	0.00103	0.00101	0.00000508	0.00633	0.00121	0.0164	0.017	0.00000516	15.4	0.0000132	0.000238
2091 Sep	60.4	0.0637	0.0711	0.00137	14.8	0.0404	8.55	0.00101	0.000983	0.00000496	0.00643	0.00122	0.0174	0.0174	0.00000504	16.2	0.0000119	0.000244
2091 Oct	71.2	0.0823	0.115	0.00159	17.6	0.0394	11.9	0.000991	0.000942	0.00000479	0.0068	0.00131	0.0204	0.0189	0.00000493	17.7	0.0000154	0.000272
2091 Nov	74.2	0.0884	0.127	0.00165	18.4	0.0392	12.8	0.000987	0.000933	0.00000475	0.00695	0.00133	0.0212	0.0193	0.00000491	18.1	0.0000164	0.00028
2091 Dec	74.2	0.0885	0.126	0.00165	18.4	0.0393	12.8	0.000988	0.000934	0.00000475	0.00696	0.00133	0.0212	0.0193	0.00000491	18.1	0.0000164	0.00028
2092 Jan	74.2	0.0885	0.126	0.00165	18.4	0.0393	12.8	0.000988	0.000934	0.00000475	0.00696	0.00133	0.0212	0.0193	0.00000491	18.1	0.0000164	0.00028
2092 Feb	74.3	0.0885	0.127	0.00165	18.4	0.0393	12.8	0.000988	0.000934	0.00000475	0.00696	0.00133	0.0212	0.0194	0.00000491	18.1	0.0000164	0.000281
2092 Mar	74.5	0.0888	0.127	0.00166	18.4	0.0394	12.8	0.000991	0.000936	0.00000476	0.00698	0.00134	0.0213	0.0194	0.00000492	18.2	0.0000165	0.000281
2092 Apr	75	0.0894	0.128	0.00167	18.5	0.0396	12.9	0.000997	0.000942	0.00000479	0.00702	0.00135	0.0214	0.0195	0.00000496	18.3	0.0000166	0.000283
2092 May	79.7	0.0863	0.123	0.00164	19.5	0.0371	12.9	0.00101	0.000958	0.00000487	0.00697	0.00145	0.0206	0.023	0.00000502	20.8	0.0000176	0.000316
2092 Jun	72.7	0.0579	0.131	0.00167	17	0.0306	12.3	0.000986	0.000925	0.00000471	0.00651	0.00132	0.0208	0.0191	0.00000488	17.4	0.0000189	0.000297
2092 Jul	62.8	0.0442	0.1	0.00155	14.1	0.0311	9.81	0.00103	0.000984	0.00000498	0.00674	0.00124	0.0183	0.0168	0.00000511	15.2	0.0000186	0.00026
2092 Aug	61.8	0.0451	0.0867	0.00151	14.1	0.0348	9.11	0.00107	0.00103	0.00000521	0.0068	0.00126	0.0179	0.0172	0.00000532	15.6	0.0000168	0.000256
2092 Sep	57.7	0.0544	0.0619	0.00136	13.5	0.0382	7.73	0.00105	0.00102	0.00000516	0.00678	0.00121	0.0164	0.0169	0.00000523	15.5	0.0000141	0.00024
2092 Oct	60.8	0.0727	0.0685	0.00137	14.7	0.0395	8.64	0.00102	0.000992	0.00000501	0.00709	0.00123	0.0169	0.0176	0.00000509	16.2	0.0000148	0.000244
2092 Nov	62	0.0764	0.072	0.00139	15	0.0397	8.99	0.00102	0.000987	0.00000498	0.00714	0.00124	0.0171	0.0178	0.00000507	16.5	0.000015	0.000246
2092 Dec	62.1	0.0765	0.0722	0.00139	15	0.0397	9	0.00102	0.000987	0.00000498	0.00715	0.00124	0.0172	0.0178	0.00000508	16.5	0.0000151	0.000247
2093 Jan	62.1	0.0765	0.0722	0.00139	15	0.0398	9	0.00102	0.000987	0.00000498	0.00715	0.00124	0.0172	0.0178	0.00000508	16.5	0.0000151	0.000247
2093 Feb	62.1	0.0765	0.0722	0.00139	15	0.0398	9	0.00102	0.000988	0.00000499	0.00715	0.00124	0.0172	0.0178	0.00000508	16.5	0.0000151	0.000247
2093 Mar	62.3	0.0768	0.0725	0.00139	15.1	0.0399	9.03	0.00102	0.000991	0.000005	0.00718	0.00124	0.0172	0.0179	0.00000509	16.5	0.0000151	0.000248
2093 Apr	62.8	0.0774	0.073	0.0014	15.2	0.0402	9.1	0.00103	0.000998	0.00000504	0.00723	0.00125	0.0174	0.018	0.00000513	16.7	0.0000152	0.000249
2093 May	70.9	0.0769	0.076	0.00141	17.1	0.0367	9.68	0.00104	0.001	0.00000506	0.00712	0.0014	0.0169	0.0228	0.00000515	20.2	0.0000167	0.000296
2093 Jun	73.1	0.0572	0.125	0.00165	16.9	0.0304	12.2	0.000995	0.000933	0.00000475	0.00657	0.00134	0.0206	0.0195	0.00000492	17.7	0.0000192	0.000301
2093 Jul	64.4	0.0449	0.0978	0.00155	14.5	0.032	10	0.00105	0.001	0.00000506	0.00677	0.00128	0.0184	0.0177	0.00000519	15.9	0.0000184	0.000265
2093 Aug	60.4	0.0416	0.0787	0.00148	13.7	0.0356	8.77	0.00108	0.00104	0.00000525	0.00664	0.00128	0.017	0.0175	0.00000535	15.6	0.0000158	0.000245
2093 Sep	59.1	0.0607	0.0635	0.00137	13.9	0.0385	8.16	0.00105	0.00102	0.00000516	0.007	0.00125	0.0162	0.0176	0.00000524	15.9	0.000015	0.000238
2093 Oct	69.1	0.0876	0.0978	0.0015	16.9	0.0396	11.3	0.000993	0.000943	0.00000478	0.00711	0.0013	0.0192	0.0188	0.00000492	17.5	0.000016	0.000264
2093 Nov	72.4	0.0909	0.11	0.00157	17.8	0.0397	12.3	0.000993	0.000936	0.00000476	0.0071	0.00133	0.0204	0.0193	0.00000491	18	0.0000163	0.000275
2093 Dec	72.5	0.091	0.11	0.00157	17.8	0.0398	12.3	0.000994	0.000937	0.00000476	0.00711	0.00133	0.0204	0.0193	0.00000491	18.1	0.0000164	0.000275
2094 Jan	72.5	0.091	0.11	0.00157	17.8	0.0398	12.3	0.000994	0.000937	0.00000476	0.00711	0.00133	0.0204	0.0193	0.00000491	18.1	0.0000164	0.000276
2094 Feb	72.5	0.091	0.11	0.00157	17.8	0.0398	12.3	0.000994	0.000937	0.00000476	0.00711	0.00133	0.0204	0.0193	0.00000492	18.1	0.0000164	0.000276
2094 Mar	72.7	0.0912	0.11	0.00158	17.9	0.0399	12.3	0.000996	0.000939	0.00000477	0.00712	0.00134	0.0205	0.0193	0.00000492	18.1	0.0000164	0.000276
2094 Apr	73	0.0916	0.111	0.00159	17.9	0.0401	12.4	0.001	0.000944	0.0000048	0.00716	0.00134	0.0206	0.0194	0.00000495	18.2	0.0000165	0.000277
2094 May	79.7	0.0852	0.117	0.0016	19.4	0.0363	12.9	0.001	0.000943	0.0000048	0.00687	0.00146	0.0204	0.0232	0.00000495	20.9	0.0000175	0.000318
2094 Jun	77.2	0.0598	0.106	0.00155	17.8	0.0291	11.5	0.00102	0.000966	0.0000049	0.00675	0.00145	0.0188	0.0237	0.00000504	20.8	0.0000201	0.000333
2094 Jul	72.7	0.0522	0.091	0.00154	16.4	0.0311	10.3	0.00109	0.00104	0.00000528	0.00713	0.00144	0.018	0.0226	0.0000054	19.7	0.0000203	0.000314
2094 Aug	73.3	0.0523	0.0862	0.00158	16.6	0.0347	10.1	0.00116	0.00111	0.00000562	0.00739	0.0015	0.0182	0.0231	0.00000573	20.2	0.0000197	0.000314
2094 Sep	64.9	0.0718	0.0562	0.00137	15.2	0.0385	8.24	0.0011	0.00107	0.0000054	0.00769	0.00135	0.0159	0.0209	0.00000547	18.5	0.0000175	0.000272
2094 Oct	62.1	0.0885	0.0532	0.00129	15.1	0.0404	8.28	0.00103	0.001	0.00000505	0.00771	0.00126	0.0156	0.0192	0.00000512	17.4	0.0000163	0.000248
2094 Nov	65	0.0946	0.0718	0.00136	16	0.0407	9.77	0.000993	0.000955	0.00000483	0.00749	0.00126	0.0173	0.0187	0.00000493	17.3	0.0000159	0.000251
2094 Dec	65.2	0.0947	0.0729	0.00137	16	0.0407	9.86	0.000992	0.000953	0.00000482	0.00747	0.00126	0.0174	0.0187	0.00000492	17.3	0.0000159	0.000251
2095 Jan	65.2	0.0947	0.0731	0.00137	16	0.0407	9.87	0.000992	0.000954	0.00000482	0.00747	0.00126	0.0174	0.0187	0.00000492	17.3	0.0000159	0.000251
2095 Feb	65.2	0.0947	0.0731	0.00137	16	0.0407	9.88	0.000992	0.000954	0.00000482	0.00747	0.00126	0.0174	0.0187	0.00000492	17.3	0.0000159	0.000251
2095 Mar	65.3	0.0948	0.0732	0.00137	16.1	0.0408	9.89	0.000993	0.000955	0.00000483	0.00748	0.00126	0.0174	0.0187	0.00000493	17.4	0.0000159	0.000252
2095 Apr	65.7	0.0954	0.0737	0.00138	16.2	0.041	9.95	0.001	0.000961	0.00000486	0.00753	0.00127	0.0175	0.0188	0.00000496	17.5	0.000016	0.000253
2095 May	77.9	0.085	0.0895	0.00145	18.8	0.035	11.4	0.001	0.000957	0.00000484	0.00701	0.00147	0.0179	0.0251	0.00000496	22.1	0.0000177	0.000323
2095 Jun	83.5	0.0664	0.105	0.00155	19.5	0.0295	12.2	0.00103	0.000978	0.00000496	0.00678	0.00157	0.0189	0.0271	0.0000051	23.5	0.0000202	0.000362
2095 Jul	77.6	0.0574	0.0891	0.00153	17.9	0.0325	10.8	0.00109	0.00105	0.00000529	0.00692	0.00155	0.0177	0.0257	0.00000541	22.1	0.0000191	0.000331
2095 Aug	60.9	0.0457	0.0543	0.0013	14.3	0.0369	7.78	0.00105	0.00102	0.00000514	0.00617	0.00134	0.0149	0.0205	0.00000521	17.8	0.0000126	0.000252
2095 Sep	60.2	0.0575	0.055	0.0013	14.5	0.0402	8.01	0.00103	0.001	0.00000506	0.00629	0.00128	0.0162	0.0188	0.00000513	17.1	0.0000113	0.000247
2095 Oct	61.9	0.0693	0.0602	0.00132	15	0.0407	8.63	0.00102	0.000992	0.000005	0.00667	0.00128	0.0166	0.0188	0.00000508	17.2	0.0000127	0.000249
2095 Nov	64.5	0.0841	0.0698	0.00136	15.8	0.0408	9.61	0.001	0.000965	0.00000487	0.00707	0.00127	0.0174	0.0187	0.00000497	17.3	0.0000144	0.000252
2095 Dec	64.7	0.0853	0.0707	0.00136	15.8	0.0409	9.7	0.001	0.000963	0.00000486	0.00711	0.00127	0.0175	0.0187	0.00000496	17.4	0.0000145	0.000252
2096 Jan	64.8	0.0853	0.0709	0.00136	15.9	0.0409	9.72	0.001	0.000963	0.00000487	0.00711	0.00127	0.0175	0.0188	0.00000497	17.4	0.0000145	0.000252
2096 Feb	64.8	0.0854	0.071	0.00137	15.9	0.0409	9.72	0.001	0.000964	0.00000487	0.00712	0.00127	0.0175	0.0188	0.00000497	17.4	0.0000146	0.000252
2096 Mar	64.9	0.0855	0.071	0.00137	15.9	0.0409	9.73	0.001	0.000965	0.00000487	0.00712	0.00128	0.0175	0.0188	0.00000497	17.4	0.0000146	0.000253
2096 Apr	65.3	0.086	0.0715	0.00138	16	0.0412	9.79	0.00101	0.00097	0.0000049	0.00716	0.00128	0.0176	0.0189	0.000005	17.5	0.0000147	0.000254
2096 May	72.8	0.0833	0.0786	0.00141	17.6	0.0379	10.6	0.00102	0.000975	0.00000493	0.00704	0.00141	0.0177	0.0228	0.00000504	20.4	0.0000161	0.000296

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2096 Jun	73.2	0.0568	0.12	0.00163	16.7	0.031	12.7	0.000996	0.000926	0.00000472	0.00657	0.00134	0.0213	0.0189	0.0000049	17.4	0.0000191	0.000298
2096 Jul	66.6	0.0465	0.097	0.00157	14.7	0.032	10.7	0.00107	0.00101	0.00000511	0.007	0.00131	0.0195	0.0177	0.00000526	16.1	0.0000196	0.000277
2096 Aug	66.4	0.0477	0.0875	0.00157	14.8	0.0356	10.2	0.00111	0.00106	0.00000538	0.00715	0.00134	0.0193	0.0182	0.00000551	16.6	0.0000183	0.000276
2096 Sep	62	0.0682	0.0639	0.00139	14.5	0.0391	8.82	0.00106	0.00103	0.00000518	0.00731	0.00127	0.0173	0.0179	0.00000527	16.5	0.0000161	0.000253
2096 Oct	65.1	0.0931	0.0692	0.00136	15.9	0.041	9.87	0.001	0.000962	0.00000486	0.0075	0.00127	0.0175	0.0185	0.00000496	17.3	0.0000159	0.000252
2096 Nov	67.2	0.0945	0.0763	0.0014	16.4	0.0411	10.5	0.001	0.000957	0.00000484	0.00746	0.00129	0.0182	0.0189	0.00000496	17.6	0.0000161	0.000258
2096 Dec	67.2	0.0945	0.0764	0.0014	16.4	0.0411	10.5	0.001	0.000957	0.00000484	0.00747	0.00129	0.0182	0.0189	0.00000496	17.6	0.0000161	0.000258
2097 Jan	67.2	0.0945	0.0764	0.0014	16.4	0.0411	10.5	0.001	0.000957	0.00000484	0.00747	0.00129	0.0182	0.0189	0.00000496	17.6	0.0000161	0.000258
2097 Feb	67.2	0.0945	0.0764	0.0014	16.4	0.0411	10.5	0.001	0.000957	0.00000484	0.00747	0.00129	0.0182	0.0189	0.00000496	17.6	0.0000161	0.000258
2097 Mar	67.3	0.0946	0.0765	0.0014	16.4	0.0411	10.5	0.001	0.000959	0.00000485	0.00748	0.00129	0.0183	0.0189	0.00000496	17.6	0.0000161	0.000259
2097 Apr	67.8	0.0953	0.077	0.00141	16.5	0.0414	10.6	0.00101	0.000966	0.00000489	0.00753	0.0013	0.0184	0.019	0.000005	17.8	0.0000162	0.000261
2097 May	75.3	0.0898	0.0767	0.0014	18.2	0.0373	10.8	0.00102	0.00098	0.00000495	0.00735	0.00145	0.0175	0.0241	0.00000506	21.4	0.0000176	0.00031
2097 Jun	75.3	0.0579	0.107	0.00157	17.1	0.0302	12.1	0.00102	0.000954	0.00000485	0.00675	0.00141	0.02	0.0214	0.00000501	19.2	0.0000198	0.000317
2097 Jul	69.1	0.0485	0.089	0.00154	15.4	0.0321	10.5	0.00108	0.00103	0.0000052	0.00704	0.00137	0.0187	0.0199	0.00000533	17.7	0.0000196	0.000291
2097 Aug	64.1	0.0449	0.0715	0.00146	14.4	0.0356	9.13	0.0011	0.00106	0.00000535	0.00685	0.00135	0.0173	0.0193	0.00000545	17.1	0.0000167	0.000266
2097 Sep	62.2	0.0523	0.0601	0.0014	14.2	0.038	8.42	0.0011	0.00107	0.00000538	0.00702	0.00133	0.0167	0.0191	0.00000546	17	0.0000156	0.000259
2097 Oct	59	0.0686	0.0452	0.00129	13.9	0.0397	7.52	0.00107	0.00104	0.00000525	0.00739	0.00126	0.0153	0.0185	0.00000531	16.7	0.0000154	0.000242
2097 Nov	58	0.0758	0.0405	0.00124	13.8	0.0404	7.27	0.00105	0.00103	0.00000517	0.00752	0.00124	0.0148	0.0182	0.00000523	16.5	0.0000153	0.000235
2097 Dec	58.1	0.0763	0.0409	0.00124	13.8	0.0404	7.32	0.00105	0.00103	0.00000517	0.00752	0.00124	0.0149	0.0182	0.00000522	16.5	0.0000153	0.000236
2098 Jan	58.1	0.0763	0.0411	0.00125	13.9	0.0404	7.34	0.00105	0.00103	0.00000517	0.00752	0.00124	0.0149	0.0182	0.00000522	16.5	0.0000153	0.000236
2098 Feb	58.2	0.0763	0.0411	0.00125	13.9	0.0404	7.34	0.00105	0.00103	0.00000517	0.00753	0.00124	0.0149	0.0183	0.00000522	16.5	0.0000153	0.000236
2098 Mar	58.2	0.0764	0.0411	0.00125	13.9	0.0405	7.34	0.00105	0.00103	0.00000517	0.00753	0.00124	0.0149	0.0183	0.00000523	16.6	0.0000153	0.000236
2098 Apr	60.7	0.078	0.0416	0.00125	14.5	0.0401	7.53	0.00105	0.00103	0.00000519	0.00752	0.00128	0.0148	0.0197	0.00000524	17.7	0.0000155	0.000249
2098 May	79.1	0.0794	0.0653	0.00134	18.9	0.034	10.1	0.00104	0.001	0.00000506	0.00702	0.00157	0.0157	0.0284	0.00000514	24.3	0.0000177	0.000343
2098 Jun	76.2	0.0595	0.119	0.00164	17.4	0.0315	13.2	0.00102	0.000939	0.00000479	0.00665	0.0014	0.0216	0.0201	0.00000497	18.4	0.0000193	0.000313
2098 Jul	71.6	0.0517	0.103	0.00163	16	0.0329	11.7	0.00109	0.00102	0.00000519	0.00713	0.00139	0.0205	0.0192	0.00000535	17.4	0.0000201	0.000298
2098 Aug	61.4	0.0476	0.0663	0.00141	14.1	0.0374	8.8	0.00107	0.00103	0.0000052	0.00661	0.00129	0.0176	0.0178	0.0000053	16.2	0.0000145	0.000256
2098 Sep	66	0.0773	0.0743	0.0014	15.9	0.0399	10.2	0.00101	0.000966	0.00000489	0.00691	0.0013	0.0183	0.0186	0.000005	17.3	0.0000146	0.000261
2098 Oct	76.2	0.0894	0.107	0.00158	18.4	0.0395	13.3	0.00101	0.000933	0.00000475	0.00702	0.00141	0.0214	0.0202	0.00000493	18.9	0.0000166	0.000292
2098 Nov	77.3	0.0895	0.111	0.00161	18.7	0.0394	13.7	0.00101	0.000932	0.00000475	0.007	0.00142	0.0218	0.0204	0.00000493	19.1	0.0000168	0.000296
2098 Dec	77.3	0.0896	0.111	0.00161	18.7	0.0395	13.7	0.00101	0.000933	0.00000475	0.00701	0.00142	0.0218	0.0204	0.00000494	19.1	0.0000168	0.000296
2099 Jan	77.3	0.0897	0.111	0.00161	18.7	0.0395	13.7	0.00101	0.000933	0.00000476	0.00701	0.00142	0.0218	0.0204	0.00000494	19.1	0.0000168	0.000296
2099 Feb	77.4	0.0897	0.111	0.00161	18.7	0.0395	13.7	0.00101	0.000934	0.00000476	0.00701	0.00142	0.0218	0.0204	0.00000494	19.1	0.0000168	0.000296
2099 Mar	77.6	0.0899	0.111	0.00161	18.7	0.0396	13.7	0.00101	0.000936	0.00000477	0.00703	0.00142	0.0218	0.0204	0.00000495	19.1	0.0000168	0.000297
2099 Apr	80.9	0.0921	0.11	0.00161	19.6	0.0392	13.9	0.00102	0.000947	0.00000482	0.00705	0.00149	0.0215	0.0226	0.000005	20.7	0.0000171	0.000315
2099 May	94.3	0.0805	0.108	0.00154	22.6	0.0302	14.1	0.00101	0.000937	0.00000477	0.00637	0.00176	0.0193	0.0323	0.00000493	27.7	0.0000189	0.000405
2099 Jun	78.9	0.0619	0.106	0.00157	18.1	0.0303	12.7	0.00102	0.000949	0.00000483	0.00667	0.00148	0.0201	0.0232	0.000005	20.6	0.0000196	0.000335
2099 Jul	71.5	0.0511	0.0875	0.00153	16.1	0.0327	10.9	0.00108	0.00102	0.00000518	0.00689	0.00144	0.0186	0.0213	0.00000532	18.8	0.0000188	0.0003
2099 Aug	67	0.0506	0.0693	0.00146	15.3	0.0371	9.48	0.00111	0.00106	0.00000537	0.00684	0.0014	0.0177	0.0205	0.00000548	18.3	0.0000159	0.000282
2099 Sep	60.3	0.066	0.0486	0.00128	14.4	0.0401	8	0.00105	0.00101	0.0000051	0.00687	0.00127	0.016	0.0186	0.00000518	17	0.0000134	0.00025
2099 Oct	66	0.0865	0.067	0.00136	16	0.0405	10	0.00101	0.000964	0.00000488	0.00722	0.0013	0.0176	0.0191	0.00000498	17.7	0.0000152	0.00026
2099 Nov	72.6	0.0897	0.0905	0.00149	17.6	0.0399	12.2	0.00101	0.000942	0.00000478	0.00711	0.00138	0.0199	0.0199	0.00000493	18.6	0.0000161	0.000281
2099 Dec	72.6	0.0897	0.0906	0.00149	17.6	0.0399	12.2	0.00101	0.000942	0.00000479	0.00712	0.00138	0.0199	0.0199	0.00000494	18.6	0.0000161	0.000281
2100 Jan	72.7	0.0897	0.0907	0.00149	17.6	0.0399	12.2	0.00101	0.000942	0.00000479	0.00712	0.00138	0.0199	0.0199	0.00000494	18.6	0.0000161	0.000282
2100 Feb	72.7	0.0897	0.0907	0.00149	17.6	0.04	12.2	0.00101	0.000942	0.00000479	0.00712	0.00138	0.0199	0.0199	0.00000494	18.6	0.0000161	0.000282
2100 Mar	72.7	0.0898	0.0908	0.00149	17.6	0.04	12.2	0.00101	0.000943	0.00000479	0.00712	0.00138	0.0199	0.0199	0.00000494	18.6	0.0000161	0.000282
2100 Apr	73.3	0.0905	0.0915	0.00151	17.7	0.0403	12.3	0.00102	0.000951	0.00000483	0.00718	0.00139	0.0201	0.0201	0.00000498	18.7	0.0000163	0.000284
2100 May	85.1	0.08	0.0865	0.00144	20.3	0.032	12.2	0.00102	0.00096	0.00000486	0.00677	0.00162	0.0179	0.0289	0.000005	25	0.0000186	0.000366
2100 Jun	77	0.0608	0.114	0.00162	17.6	0.0312	13.5	0.00101	0.000923	0.00000471	0.00653	0.00144	0.0214	0.0206	0.0000049	18.9	0.000019	0.000318
2100 Jul	67.9	0.0486	0.0915	0.00153	15	0.0312	11.1	0.00104	0.000975	0.00000495	0.00678	0.00134	0.0193	0.0183	0.0000051	16.7	0.0000191	0.000285
2100 Aug	65	0.0526	0.0788	0.00144	15.1	0.0368	10.4	0.00102	0.000964	0.00000489	0.00617	0.00132	0.0186	0.0182	0.00000502	16.7	0.0000137	0.000264
2100 Sep	69.4	0.0673	0.0846	0.00147	16.6	0.0396	11.4	0.00102	0.000958	0.00000486	0.00632	0.00137	0.0199	0.0192	0.00000501	17.9	0.0000131	0.000278
2100 Oct	71	0.0766	0.0863	0.00148	17.1	0.04	11.7	0.00102	0.000956	0.00000485	0.00666	0.00138	0.0199	0.0196	0.000005	18.3	0.0000143	0.000281
2100 Nov	72.1	0.0786	0.0893	0.0015	17.4	0.04	12.1	0.00103	0.000955	0.00000485	0.00672	0.00139	0.0202	0.0198	0.00000501	18.5	0.0000146	0.000285
2100 Dec	72.2	0.0787	0.0894	0.0015	17.4	0.0401	12.1	0.00103	0.000956	0.00000486	0.00672	0.0014	0.0203	0.0198	0.00000501	18.5	0.0000146	0.000285
2101 Jan	72.2	0.0787	0.0894	0.0015	17.4	0.0401	12.1	0.00103	0.000956	0.00000486	0.00673	0.0014	0.0203	0.0198	0.00000501	18.5	0.0000146	0.000285
2101 Feb	72.2	0.0787	0.0894	0.0015	17.4	0.0401	12.1	0.00103	0.000956	0.00000486	0.00673	0.0014	0.0203	0.0198	0.00000501	18.5	0.0000146	0.000285
2101 Mar	72.3	0.0787	0.0895	0.0015	17.4	0.0401	12.1	0.00103	0.000957	0.00000486	0.00673	0.0014	0.0203	0.0198	0.00000501	18.5	0.0000146	0.000285
2101 Apr	72.7	0.0791	0.0899	0.00151	17.5	0.0403	12.1	0.00103	0.000962	0.00000488	0.00676	0.0014	0.0204	0.02	0.00000504	18.6	0.0000147	0.000287
2101 May	83.5	0.0769	0.0903	0.00148	19.9	0.0338	12.6	0.00103	0.000961	0.00000488	0.00664	0.0016	0.0189	0.0271	0.00000503	23.8	0.0000175	0.000355
2101 Jun	78	0.0608	0.109	0.0016	17.8	0.031	13.3	0.00102	0.000936	0.00000477	0.0066	0.00147	0.021	0.0216	0.00000496	19.6	0.0000193	0.000326
2101 Jul	75.8	0.0561	0.102	0.00164	17	0.0325	12.6	0.0011	0.00101	0.00000515	0.00712	0.00147	0.021	0.0207	0.00000533	18.8	0.0000204	0.00032
2101 Aug	74.8	0.0556	0.0938	0.00163	16.8	0.0356	12	0.00114	0.00107	0.00000541	0.00724	0.00149	0.0207	0.0209	0.00000557	19	0.0000193	0.000314
2101 Sep	61.2	0.0702	0.0486	0.00131	14.5	0.0401	8.23	0.00107	0.00103	0.00000519	0.00725	0.00129	0.0164	0.0185	0.00000527	17	0.0000149	0.000255
2101 Oct	61.6	0.0816	0.0479	0.00128	14.8	0.0409	8.42	0.00104	0.00101	0.00000508	0.00746	0.00127	0.0162	0.0186	0.00000516	17.1	0.0000152	0.000251
2101 Nov	65	0.0899	0.0599	0.00133	15.8	0.0408	9.71	0.00102	0.000968	0.00000489	0.00741	0.0013	0.0171	0.019	0.00000499	17.6	0.0000155	0.000258
2101 Dec	65.2	0.0906	0.0601	0.00133	15.8	0.0408	9.75	0.00102	0.000967	0.00000489	0.00743	0.0013	0.0172	0.019	0.00000499	17.6	0.0000156	0.000258
2102 Jan	65.2	0.0906	0.0603	0.00133	15.8	0.0408	9.77	0.00102	0.000967	0.00000489	0.00743	0.0013	0.0172	0.019	0.00000499	17.6	0.0000156	0.000258

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2102 Feb	65.2	0.0906	0.0603	0.00133	15.8	0.0408	9.77	0.00102	0.000967	0.00000489	0.00743	0.0013	0.0172	0.019	0.00000499	17.6	0.0000156	0.000258
2102 Mar	65.3	0.0907	0.0603	0.00133	15.8	0.0409	9.78	0.00102	0.000968	0.00000489	0.00743	0.0013	0.0172	0.019	0.000005	17.6	0.0000156	0.000258
2102 Apr	65.5	0.091	0.0606	0.00134	15.9	0.041	9.81	0.00102	0.000972	0.00000491	0.00746	0.00131	0.0173	0.0191	0.00000501	17.7	0.0000156	0.000259
2102 May	66.7	0.0927	0.0616	0.00136	16.2	0.0417	9.99	0.00104	0.000989	0.000005	0.0076	0.00133	0.0176	0.0195	0.00000511	18.1	0.0000159	0.000264
2102 Jun	70.1	0.0591	0.0924	0.00151	15.8	0.0319	11.8	0.00102	0.00094	0.00000478	0.00681	0.00135	0.0199	0.0186	0.00000495	17.2	0.0000188	0.000292
2102 Jul	64.9	0.0439	0.0805	0.00149	14.2	0.0317	10.4	0.00106	0.000995	0.00000505	0.00682	0.00133	0.0185	0.0177	0.00000519	16	0.0000187	0.000273
2102 Aug	59.9	0.0433	0.0599	0.00138	13.4	0.0361	8.67	0.00108	0.00103	0.00000518	0.00661	0.00129	0.017	0.0174	0.00000529	15.7	0.000015	0.000251
2102 Sep	57.9	0.0562	0.0469	0.00129	13.5	0.0392	7.83	0.00106	0.00102	0.00000515	0.00678	0.00125	0.0161	0.0173	0.00000523	15.9	0.0000135	0.000241
2102 Oct	65.5	0.0849	0.0646	0.00135	15.8	0.0401	10.1	0.00101	0.000958	0.00000485	0.00719	0.00131	0.0176	0.0187	0.00000496	17.4	0.0000153	0.000259
2102 Nov	65.8	0.086	0.0648	0.00136	15.9	0.0403	10.2	0.00102	0.000961	0.00000486	0.00724	0.00131	0.0177	0.0188	0.00000498	17.5	0.0000154	0.00026
2102 Dec	65.9	0.0861	0.0649	0.00136	15.9	0.0403	10.2	0.00102	0.000962	0.00000487	0.00725	0.00131	0.0177	0.0188	0.00000498	17.5	0.0000154	0.00026
2103 Jan	65.9	0.0861	0.0649	0.00136	15.9	0.0403	10.2	0.00102	0.000962	0.00000487	0.00725	0.00132	0.0177	0.0188	0.00000498	17.5	0.0000154	0.00026
2103 Feb	65.9	0.0861	0.0649	0.00136	15.9	0.0403	10.2	0.00102	0.000962	0.00000487	0.00725	0.00132	0.0177	0.0188	0.00000499	17.5	0.0000154	0.000261
2103 Mar	66	0.0862	0.065	0.00136	15.9	0.0404	10.2	0.00102	0.000963	0.00000487	0.00726	0.00132	0.0177	0.0188	0.00000499	17.5	0.0000154	0.000261
2103 Apr	66.3	0.0867	0.0653	0.00137	16	0.0406	10.3	0.00102	0.000968	0.0000049	0.0073	0.00132	0.0178	0.0189	0.00000502	17.6	0.0000155	0.000262
2103 May	76.9	0.0821	0.075	0.00141	18.3	0.0359	11.4	0.00103	0.000969	0.00000491	0.00702	0.00151	0.0179	0.0245	0.00000504	21.7	0.0000173	0.000322
2103 Jun	75.3	0.0573	0.102	0.00157	16.9	0.0304	13	0.00102	0.000928	0.00000473	0.00658	0.00144	0.0207	0.0204	0.00000492	18.6	0.0000193	0.000317
2103 Jul	65.5	0.0446	0.0807	0.00149	14.4	0.032	10.7	0.00106	0.000984	0.00000499	0.00668	0.00134	0.0185	0.0179	0.00000514	16.2	0.0000182	0.000273
2103 Aug	59.9	0.0433	0.0639	0.00138	13.9	0.0389	9.46	0.00104	0.000986	0.00000499	0.00581	0.00134	0.0167	0.0178	0.00000511	15.9	0.0000111	0.00023
2103 Sep	69.6	0.0746	0.0809	0.00146	16.5	0.0395	11.8	0.00102	0.000948	0.00000482	0.00663	0.00139	0.0193	0.0192	0.00000497	17.8	0.0000144	0.000271
2103 Oct	75.6	0.0886	0.0953	0.00154	18.1	0.0391	13.5	0.00102	0.000922	0.0000047	0.00697	0.00144	0.021	0.0201	0.00000489	18.9	0.0000164	0.000295
2103 Nov	76.1	0.0886	0.0969	0.00155	18.2	0.0391	13.7	0.00102	0.000921	0.0000047	0.00696	0.00145	0.0212	0.0202	0.00000489	18.9	0.0000165	0.000297
2103 Dec	76.2	0.0886	0.097	0.00155	18.2	0.0391	13.7	0.00102	0.000921	0.0000047	0.00696	0.00145	0.0212	0.0202	0.00000489	19	0.0000165	0.000297
2104 Jan	76.2	0.0886	0.0971	0.00155	18.2	0.0391	13.7	0.00102	0.000921	0.0000047	0.00696	0.00145	0.0212	0.0202	0.00000489	19	0.0000165	0.000297
2104 Feb	76.2	0.0887	0.0971	0.00155	18.2	0.0391	13.7	0.00102	0.000922	0.0000047	0.00696	0.00145	0.0212	0.0202	0.00000489	19	0.0000165	0.000297
2104 Mar	76.3	0.0887	0.0972	0.00155	18.2	0.0391	13.7	0.00102	0.000922	0.00000471	0.00697	0.00145	0.0212	0.0202	0.0000049	19	0.0000165	0.000297
2104 Apr	76.9	0.0895	0.098	0.00156	18.3	0.0394	13.8	0.00103	0.00093	0.00000475	0.00702	0.00147	0.0214	0.0204	0.00000494	19.1	0.0000167	0.0003
2104 May	85.3	0.0799	0.0905	0.00149	20.1	0.0328	13.3	0.00103	0.000942	0.00000479	0.0067	0.00164	0.0191	0.0274	0.00000496	24.1	0.0000184	0.000362
2104 Jun	74.2	0.0561	0.0986	0.00155	16.6	0.0302	13	0.00102	0.00092	0.0000047	0.00653	0.00144	0.0205	0.0199	0.00000489	18.3	0.0000191	0.000313
2104 Jul	63.4	0.042	0.0729	0.00145	13.8	0.0319	10.1	0.00106	0.00099	0.00000502	0.00667	0.00134	0.0177	0.0177	0.00000516	16	0.0000179	0.000267
2104 Aug	58.4	0.0413	0.0551	0.00135	13.1	0.0361	8.51	0.00107	0.00101	0.00000511	0.00637	0.00129	0.0163	0.0173	0.00000521	15.5	0.000014	0.000242
2104 Sep	62.8	0.0643	0.0604	0.00135	14.8	0.0392	9.67	0.00103	0.000967	0.00000489	0.0065	0.00131	0.0176	0.018	0.00000501	16.7	0.0000131	0.000255
2104 Oct	73.3	0.086	0.0871	0.00149	17.5	0.0392	12.9	0.00102	0.000926	0.00000472	0.00692	0.00143	0.0203	0.0197	0.00000489	18.5	0.0000159	0.000287
2104 Nov	75.2	0.0873	0.0929	0.00153	17.9	0.0391	13.5	0.00102	0.00092	0.0000047	0.00691	0.00145	0.0209	0.02	0.00000488	18.8	0.0000162	0.000294
2104 Dec	75.3	0.0874	0.093	0.00153	17.9	0.0391	13.5	0.00102	0.000921	0.0000047	0.00692	0.00145	0.0209	0.02	0.00000489	18.8	0.0000162	0.000295
2105 Jan	75.3	0.0874	0.093	0.00153	17.9	0.0391	13.5	0.00102	0.000921	0.0000047	0.00692	0.00145	0.0209	0.02	0.00000489	18.8	0.0000162	0.000295
2105 Feb	75.3	0.0874	0.093	0.00153	17.9	0.0391	13.5	0.00102	0.000921	0.0000047	0.00692	0.00145	0.0209	0.02	0.00000489	18.8	0.0000162	0.000295
2105 Mar	75.3	0.0874	0.093	0.00153	17.9	0.0391	13.5	0.00102	0.000921	0.0000047	0.00692	0.00145	0.0209	0.02	0.00000489	18.8	0.0000162	0.000295
2105 Apr	75.7	0.0878	0.0935	0.00154	18	0.0393	13.6	0.00103	0.000926	0.00000472	0.00695	0.00146	0.021	0.0201	0.00000491	18.9	0.0000163	0.000296
2105 May	85	0.0785	0.0896	0.00148	20	0.0325	13.4	0.00102	0.000934	0.00000475	0.00661	0.00164	0.0191	0.0272	0.00000493	24	0.0000182	0.000362
2105 Jun	80.4	0.0619	0.0904	0.00151	18.3	0.0295	12.9	0.00104	0.000943	0.0000048	0.0066	0.00157	0.0193	0.0247	0.00000498	21.8	0.0000195	0.00035
2105 Jul	70.1	0.0488	0.0697	0.00142	15.7	0.0319	10.5	0.00107	0.000996	0.00000505	0.00654	0.00148	0.0169	0.0222	0.00000518	19.3	0.0000174	0.000298
2105 Aug	65.9	0.0535	0.0708	0.0014	15.4	0.0376	10.7	0.00103	0.00095	0.00000482	0.00591	0.00138	0.0183	0.019	0.00000496	17.4	0.0000123	0.000267
2105 Sep	74	0.0842	0.0879	0.0015	17.6	0.0393	13.2	0.00102	0.000921	0.00000469	0.00677	0.00144	0.0207	0.0197	0.00000488	18.6	0.0000154	0.000291
2105 Oct	76	0.0871	0.0942	0.00154	18	0.0388	13.9	0.00102	0.000907	0.00000464	0.00682	0.00147	0.0213	0.0199	0.00000484	18.8	0.0000161	0.000297
2105 Nov	76.4	0.0872	0.0952	0.00154	18.1	0.0388	14.1	0.00102	0.000906	0.00000463	0.00682	0.00147	0.0214	0.02	0.00000483	18.9	0.0000162	0.000298
2105 Dec	76.4	0.0872	0.0953	0.00154	18.1	0.0388	14.1	0.00102	0.000906	0.00000463	0.00682	0.00147	0.0214	0.02	0.00000483	18.9	0.0000162	0.000298
2106 Jan	76.4	0.0872	0.0953	0.00154	18.1	0.0388	14.1	0.00102	0.000906	0.00000463	0.00682	0.00147	0.0214	0.02	0.00000483	18.9	0.0000162	0.000298
2106 Feb	76.4	0.0873	0.0953	0.00154	18.1	0.0388	14.1	0.00102	0.000906	0.00000463	0.00682	0.00147	0.0214	0.02	0.00000484	18.9	0.0000162	0.000298
2106 Mar	76.4	0.0873	0.0953	0.00154	18.1	0.0388	14.1	0.00102	0.000907	0.00000464	0.00682	0.00147	0.0214	0.02	0.00000484	18.9	0.0000162	0.000298
2106 Apr	76.9	0.0878	0.0959	0.00155	18.2	0.039	14.2	0.00102	0.000912	0.00000466	0.00686	0.00148	0.0215	0.0201	0.00000487	19	0.0000163	0.0003
2106 May	81.4	0.0847	0.0899	0.00151	19.2	0.0361	13.7	0.00103	0.000934	0.00000476	0.00684	0.00158	0.0202	0.024	0.00000495	21.8	0.0000174	0.000334
2106 Jun	71.5	0.0527	0.0882	0.0015	15.7	0.0295	12.4	0.00102	0.000921	0.0000047	0.00656	0.00141	0.0198	0.0193	0.00000488	17.7	0.0000191	0.000306
2106 Jul	59.7	0.0371	0.0621	0.0014	12.6	0.0313	9.25	0.00107	0.001	0.00000507	0.00678	0.0013	0.0169	0.0166	0.0000052	15	0.0000182	0.000255
2106 Aug	56.7	0.0413	0.0516	0.00131	12.9	0.0375	8.59	0.00104	0.000979	0.00000495	0.00594	0.00129	0.016	0.0167	0.00000506	15.1	0.0000117	0.000228
2106 Sep	70.4	0.075	0.0791	0.00145	16.6	0.0393	12.4	0.00102	0.000923	0.0000047	0.00646	0.00141	0.02	0.0189	0.00000487	17.9	0.0000139	0.00028
2106 Oct	74	0.0856	0.0866	0.0015	17.5	0.0393	13.5	0.00102	0.000912	0.00000466	0.0068	0.00145	0.0208	0.0195	0.00000485	18.5	0.0000156	0.00029
2106 Nov	74.4	0.0859	0.0871	0.0015	17.6	0.0394	13.5	0.00102	0.000915	0.00000467	0.00683	0.00146	0.0209	0.0196	0.00000486	18.5	0.0000157	0.000291
2106 Dec	74.4	0.086	0.0871	0.0015	17.6	0.0394	13.5	0.00102	0.000915	0.00000467	0.00683	0.00146	0.0209	0.0196	0.00000487	18.6	0.0000157	0.000291
2107 Jan	74.4	0.086	0.0871	0.0015	17.6	0.0394	13.5	0.00102	0.000916	0.00000467	0.00683	0.00146	0.0209	0.0196	0.00000487	18.6	0.0000157	0.000291
2107 Feb	74.4	0.086	0.0871	0.00151	17.6	0.0394	13.5	0.00102	0.000916	0.00000468	0.00684	0.00146	0.0209	0.0196	0.00000487	18.6	0.0000157	0.000292
2107 Mar	74.5	0.0861	0.0872	0.00151	17.6	0.0395	13.6	0.00103	0.000917	0.00000468	0.00684	0.00146	0.0209	0.0196	0.00000487	18.6	0.0000157	0.000292
2107 Apr	74.7	0.0864	0.0875	0.00151	17.7	0.0396	13.6	0.00103	0.00092	0.0000047	0.00686	0.00147	0.021	0.0197	0.00000489	18.6	0.0000158	0.000293
2107 May	80.2	0.082	0.0878	0.0015	18.8	0.0361	13.7	0.00103	0.000924	0.00000472	0.0067	0.00157	0.0203	0.0234	0.00000491	21.3	0.0000168	0.000329
2107 Jun	74	0.0543	0.078	0.00144	16.4	0.0285	11.8	0.00103	0.00094	0.00000478	0.00664	0.00148	0.0185	0.0221	0.00000495	19.7	0.0000196	0.000326
2107 Jul	60.6	0.0385	0.0556	0.00133	13.3	0.032	9.01	0.00104	0.000978	0.00000495	0.00627	0.00135	0.0155	0.0188	0.00000506	16.4	0.0000157	0.000253
2107 Aug	58.7	0.0376	0.0495	0.00133	13.1	0.0361	8.5	0.00108	0.00102	0.00000515	0.0062	0.00136	0.0152	0.0185	0.00000525	16.2	0.0000135	0.000237
2107 Sep	58.1	0.0624	0.0404	0.00126	13.5	0.0393	8.03	0.00106	0.00101	0.00000509	0.00687	0.0013	0.0149	0.0182	0.00000517	16.4	0.0000138	0.000233
2107 Oct	63.3	0.0807	0.0523	0.0013	15	0.0401	9.75	0.00103	0.000964	0.00000488	0.00713	0.00133	0.0167	0.0185	0.00000499	17.1	0.0000148	0.00025
2107 Nov	65.6	0.0847	0.0585	0.00134	15.6	0.0402	10.5	0.00102	0.000951	0.00000482	0.00715	0.00135	0.0175	0.0187	0.00000495	17.4	0.0000152	0.000258
2107 Dec	65.6	0.0848	0.0585	0.00134	15.6	0.0402	10.5	0.00102	0.000951	0.00000482	0.00715	0.00135	0.0175	0.0188	0.00000495	17.4	0.0000152	0.000258
2108 Jan	65.6	0.0848	0.0586	0.00134	15.6	0.0402	10.5	0.00103	0.000952	0.00000482	0.00715	0.00135	0.0175	0.0188	0.00000495	17.4	0.0000152	0.000258

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2108 Feb	65.6	0.0848	0.0586	0.00134	15.6	0.0402	10.5	0.00103	0.000952	0.00000482	0.00715	0.00135	0.0175	0.0188	0.00000495	17.4	0.0000152	0.000258
2108 Mar	65.7	0.0849	0.0587	0.00134	15.6	0.0403	10.6	0.00103	0.000953	0.00000483	0.00716	0.00135	0.0175	0.0188	0.00000496	17.5	0.0000152	0.000259
2108 Apr	66.7	0.086	0.0593	0.00135	15.8	0.0407	10.7	0.00104	0.000964	0.00000489	0.00724	0.00137	0.0177	0.0191	0.00000502	17.7	0.0000154	0.000262
2108 May	70.8	0.0882	0.059	0.00137	16.9	0.0404	10.9	0.00106	0.000988	0.000005	0.00736	0.00145	0.0176	0.0215	0.00000513	19.6	0.000016	0.000285
2108 Jun	67	0.0478	0.0764	0.00143	14.4	0.0289	11.4	0.00102	0.000925	0.00000471	0.00665	0.00135	0.0189	0.0179	0.00000488	16.5	0.0000193	0.00029
2108 Jul	63.6	0.041	0.0677	0.00145	13.3	0.0299	10.2	0.00109	0.001	0.00000508	0.00712	0.00133	0.0183	0.017	0.00000523	15.6	0.0000204	0.00028
2108 Aug	63.4	0.0428	0.0602	0.00145	13.5	0.034	9.62	0.00114	0.00106	0.00000537	0.00724	0.00136	0.0182	0.0176	0.0000055	16.1	0.0000188	0.000277
2108 Sep	60	0.0544	0.0463	0.00134	13.3	0.0371	8.4	0.00111	0.00105	0.00000532	0.00732	0.0013	0.0168	0.0174	0.00000541	16	0.0000168	0.000259
2108 Oct	62.5	0.0877	0.0484	0.00127	14.9	0.0402	9.5	0.00102	0.000958	0.00000484	0.00744	0.00129	0.0166	0.018	0.00000495	16.9	0.0000156	0.00025
2108 Nov	64.2	0.0911	0.0522	0.00129	15.3	0.0406	10	0.00102	0.000949	0.0000048	0.00743	0.00131	0.0171	0.0183	0.00000492	17.2	0.0000156	0.000254
2108 Dec	64.2	0.0911	0.0522	0.00129	15.3	0.0406	10	0.00102	0.00095	0.00000481	0.00744	0.00131	0.0171	0.0183	0.00000492	17.2	0.0000156	0.000254
2109 Jan	64.2	0.0912	0.0522	0.00129	15.3	0.0406	10	0.00102	0.00095	0.00000481	0.00744	0.00131	0.0171	0.0183	0.00000492	17.2	0.0000157	0.000254
2109 Feb	64.2	0.0912	0.0522	0.00129	15.3	0.0406	10	0.00102	0.00095	0.00000481	0.00744	0.00131	0.0171	0.0183	0.00000492	17.2	0.0000157	0.000254
2109 Mar	64.3	0.0913	0.0523	0.0013	15.4	0.0407	10.1	0.00102	0.000952	0.00000482	0.00745	0.00131	0.0171	0.0183	0.00000493	17.2	0.0000157	0.000255
2109 Apr	64.9	0.092	0.0527	0.00131	15.5	0.041	10.1	0.00103	0.000959	0.00000485	0.00751	0.00132	0.0173	0.0185	0.00000497	17.3	0.0000158	0.000257
2109 May	76.8	0.0837	0.068	0.00138	18.1	0.036	12	0.00103	0.00095	0.00000483	0.00702	0.00153	0.0181	0.024	0.00000497	21.5	0.0000173	0.000321
2109 Jun	80.2	0.0601	0.0747	0.00143	18	0.0286	12.1	0.00105	0.000961	0.00000488	0.00672	0.0016	0.0181	0.0258	0.00000504	22.6	0.00002	0.000357
2109 Jul	65.8	0.0434	0.0546	0.00133	14.5	0.0316	9.4	0.00106	0.000996	0.00000504	0.00644	0.00144	0.0155	0.0215	0.00000515	18.6	0.0000167	0.000282
2109 Aug	59.8	0.038	0.0472	0.00132	13.4	0.0368	8.58	0.00108	0.00103	0.00000518	0.00611	0.0014	0.0149	0.0195	0.00000528	16.9	0.0000129	0.000239
2109 Sep	62.3	0.0631	0.0503	0.0013	14.5	0.0392	9.45	0.00105	0.000981	0.00000496	0.00658	0.00136	0.0163	0.0189	0.00000507	17.1	0.0000134	0.000249
2109 Oct	74.8	0.0868	0.0823	0.00148	17.5	0.0394	13.7	0.00103	0.000914	0.00000467	0.00691	0.00147	0.0209	0.0197	0.00000486	18.6	0.000016	0.000292
2109 Nov	75.3	0.0878	0.0828	0.00149	17.7	0.0396	13.8	0.00103	0.000918	0.00000469	0.00696	0.00148	0.021	0.0198	0.00000488	18.7	0.0000161	0.000294
2109 Dec	75.4	0.0878	0.0829	0.00149	17.7	0.0396	13.8	0.00103	0.000918	0.00000469	0.00696	0.00148	0.021	0.0198	0.00000489	18.8	0.0000161	0.000294
2110 Jan	75.4	0.0878	0.0829	0.00149	17.7	0.0396	13.8	0.00103	0.000919	0.00000469	0.00697	0.00148	0.021	0.0198	0.00000489	18.8	0.0000161	0.000295
2110 Feb	75.4	0.0879	0.0829	0.00149	17.7	0.0396	13.8	0.00103	0.000919	0.00000469	0.00697	0.00148	0.021	0.0198	0.00000489	18.8	0.0000161	0.000295
2110 Mar	75.5	0.088	0.083	0.00149	17.7	0.0397	13.8	0.00103	0.00092	0.0000047	0.00698	0.00148	0.0211	0.0198	0.0000049	18.8	0.0000162	0.000295
2110 Apr	75.8	0.0884	0.0834	0.0015	17.8	0.0399	13.9	0.00104	0.000924	0.00000472	0.00701	0.00149	0.0212	0.0199	0.00000492	18.9	0.0000162	0.000296
2110 May	79.1	0.0866	0.0829	0.0015	18.5	0.0384	13.9	0.00105	0.000937	0.00000478	0.00699	0.00155	0.0208	0.0221	0.00000498	20.5	0.0000169	0.000317
2110 Jun	70.8	0.0506	0.0791	0.00146	15.3	0.0296	12.4	0.00103	0.000925	0.00000472	0.00662	0.00142	0.0197	0.0189	0.0000049	17.4	0.0000193	0.000304
2110 Jul	60.3	0.0375	0.0579	0.00137	12.7	0.0308	9.51	0.00106	0.000985	0.00000499	0.00671	0.00131	0.017	0.0168	0.00000512	15.2	0.0000181	0.000258
2110 Aug	67	0.0573	0.0666	0.0014	15.6	0.04	11.6	0.00104	0.000943	0.0000048	0.00586	0.00141	0.0196	0.0183	0.00000496	17.3	0.0000111	0.00027
2110 Sep	73	0.079	0.077	0.00145	17	0.0396	13.3	0.00103	0.000916	0.00000468	0.00659	0.00146	0.0208	0.0192	0.00000487	18.3	0.0000145	0.000289
2110 Oct	75	0.0874	0.0805	0.00148	17.5	0.0395	14	0.00103	0.000907	0.00000464	0.0069	0.00149	0.021	0.0195	0.00000484	18.6	0.000016	0.000293
2110 Nov	75.6	0.0867	0.0825	0.00149	17.6	0.0393	14.3	0.00103	0.000904	0.00000462	0.00685	0.0015	0.0213	0.0195	0.00000483	18.6	0.000016	0.000295
2110 Dec	75.7	0.0868	0.0827	0.00149	17.6	0.0393	14.3	0.00103	0.000904	0.00000463	0.00685	0.0015	0.0213	0.0195	0.00000484	18.7	0.000016	0.000296
2111 Jan	75.7	0.0868	0.0827	0.00149	17.6	0.0393	14.3	0.00103	0.000904	0.00000463	0.00685	0.0015	0.0213	0.0196	0.00000484	18.7	0.000016	0.000296
2111 Feb	75.7	0.0868	0.0827	0.00149	17.6	0.0393	14.3	0.00103	0.000904	0.00000463	0.00685	0.0015	0.0213	0.0196	0.00000484	18.7	0.000016	0.000296
2111 Mar	75.9	0.0869	0.0829	0.00149	17.6	0.0394	14.3	0.00104	0.000906	0.00000464	0.00687	0.0015	0.0214	0.0196	0.00000485	18.7	0.000016	0.000296
2111 Apr	76.6	0.0877	0.0836	0.00151	17.8	0.0398	14.5	0.00104	0.000914	0.00000468	0.00692	0.00152	0.0216	0.0198	0.00000489	18.9	0.0000161	0.000299
2111 May	81.3	0.0842	0.0822	0.00149	18.8	0.037	14.4	0.00105	0.00093	0.00000475	0.00685	0.00161	0.0208	0.0233	0.00000495	21.4	0.0000171	0.000331
2111 Jun	72.9	0.053	0.0757	0.00144	15.8	0.0295	12.5	0.00104	0.000925	0.00000472	0.00658	0.00148	0.0194	0.0204	0.00000491	18.6	0.0000192	0.000316
2111 Jul	66.8	0.0441	0.0625	0.00142	14.1	0.0304	10.6	0.0011	0.001	0.00000509	0.00702	0.00142	0.018	0.019	0.00000524	17.2	0.0000198	0.000294
2111 Aug	60.6	0.0466	0.0522	0.00131	13.7	0.0376	9.73	0.00104	0.000961	0.00000487	0.00595	0.00134	0.0171	0.0175	0.000005	16.1	0.0000119	0.000247
2111 Sep	68.1	0.0684	0.0643	0.00138	15.9	0.0402	11.9	0.00104	0.000936	0.00000476	0.00629	0.00141	0.0196	0.0184	0.00000493	17.5	0.0000125	0.000274
2111 Oct	75.2	0.0828	0.0812	0.00148	17.4	0.0391	14.4	0.00103	0.000897	0.00000459	0.00666	0.0015	0.0214	0.0193	0.00000481	18.5	0.0000154	0.000295
2111 Nov	75	0.0868	0.0794	0.00147	17.4	0.0394	14.2	0.00103	0.0009	0.00000461	0.00683	0.0015	0.0212	0.0194	0.00000482	18.5	0.0000158	0.000293
2111 Dec	75	0.087	0.0792	0.00147	17.4	0.0395	14.2	0.00103	0.000901	0.00000461	0.00684	0.0015	0.0211	0.0194	0.00000482	18.5	0.0000158	0.000293
2112 Jan	75.1	0.087	0.0792	0.00147	17.4	0.0395	14.2	0.00103	0.000901	0.00000461	0.00684	0.0015	0.0212	0.0194	0.00000482	18.5	0.0000158	0.000293
2112 Feb	75.1	0.087	0.0793	0.00147	17.4	0.0395	14.2	0.00103	0.000902	0.00000461	0.00685	0.0015	0.0212	0.0194	0.00000482	18.6	0.0000158	0.000293
2112 Mar	75.3	0.0872	0.0795	0.00148	17.4	0.0396	14.3	0.00104	0.000904	0.00000463	0.00686	0.0015	0.0212	0.0194	0.00000484	18.6	0.0000158	0.000294
2112 Apr	75.8	0.0879	0.0801	0.00149	17.6	0.0399	14.4	0.00104	0.000911	0.00000466	0.00691	0.00152	0.0214	0.0196	0.00000487	18.7	0.0000159	0.000296
2112 May	81.6	0.0828	0.0786	0.00147	18.8	0.0362	14.2	0.00105	0.000924	0.00000472	0.00676	0.00163	0.0203	0.0239	0.00000492	21.8	0.0000171	0.000336
2112 Jun	72.7	0.0535	0.0821	0.00148	15.6	0.0305	13.7	0.00104	0.000892	0.00000457	0.00636	0.00148	0.0208	0.0186	0.00000479	17.5	0.0000183	0.000307
2112 Jul	65.4	0.0438	0.0678	0.00143	13.9	0.0324	11.7	0.00107	0.000952	0.00000485	0.00648	0.00141	0.0189	0.0172	0.00000503	15.9	0.0000173	0.000273
2112 Aug	61.9	0.045	0.054	0.00137	13.5	0.0364	10.1	0.00109	0.000995	0.00000505	0.00643	0.00137	0.0179	0.0172	0.00000519	16	0.0000145	0.000259
2112 Sep	60.3	0.0606	0.0446	0.00128	13.9	0.0396	9.29	0.00105	0.000976	0.00000494	0.00653	0.00132	0.0171	0.0173	0.00000505	16.2	0.0000127	0.000249
2112 Oct	66.1	0.077	0.056	0.00133	15.3	0.0399	11.2	0.00104	0.000939	0.00000477	0.00682	0.00138	0.0184	0.0182	0.00000492	17.2	0.0000143	0.000265
2112 Nov	67.9	0.0795	0.0598	0.00136	15.7	0.0399	11.8	0.00104	0.000933	0.00000475	0.00685	0.00141	0.019	0.0184	0.00000491	17.5	0.0000146	0.00027
2112 Dec	68	0.0795	0.0599	0.00136	15.7	0.0399	11.8	0.00104	0.000934	0.00000475	0.00685	0.00141	0.019	0.0185	0.00000491	17.5	0.0000146	0.000271
2113 Jan	68	0.0795	0.06	0.00136	15.7	0.0399	11.8	0.00104	0.000934	0.00000475	0.00685	0.00141	0.019	0.0185	0.00000491	17.5	0.0000146	0.000271
2113 Feb	68.1	0.0795	0.06	0.00136	15.7	0.0399	11.9	0.00104	0.000934	0.00000475	0.00685	0.00141	0.019	0.0185	0.00000491	17.5	0.0000146	0.000271
2113 Mar	68.3	0.0798	0.0603	0.00137	15.8	0.0401	11.9	0.00104	0.000938	0.00000477	0.00688	0.00142	0.0191	0.0185	0.00000493	17.6	0.0000147	0.000272
2113 Apr	68.8	0.0804	0.0607	0.00138	15.9	0.0404	12	0.00105	0.000944	0.0000048	0.00693	0.00143	0.0192	0.0187	0.00000497	17.7	0.0000148	0.000274
2113 May	77.4	0.0776	0.063	0.00137	17.8	0.0358	12.4	0.00105	0.000948	0.00000482	0.00677	0.00158	0.0184	0.0241	0.00000498	21.7	0.0000165	0.000326
2113 Jun	74.6	0.0544	0.078	0.00146	16	0.0302	13.6	0.00105	0.000909	0.00000465	0.00647	0.00152	0.0204	0.0201	0.00000486	18.6	0.0000188	0.000319
2113 Jul	62.4	0.0396	0.0557	0.00136	13.3	0.0329	10.3	0.00107	0.000974	0.00000494	0.00635	0.0014	0.017	0.018	0.00000509	16.1	0.0000161	0.000259
2113 Aug	56.2	0.0358	0.0408	0.00128	12.3	0.0371	8.39	0.00108	0.00101	0.00000511	0.00609	0.00134	0.0152	0.0173	0.00000521	15.3	0.0000125	0.000225
2113 Sep	62.2	0.0634	0.0484	0.0013	14.2	0.0393	10.1	0.00105	0.00096	0.00000487	0.0065	0.00136	0.0171	0.0179	0.00000499	16.6	0.0000131	0.000249
2113 Oct	75.2	0.0852	0.0762	0.00145	17.2	0.039	14.5	0.00103	0.000889	0.00000456	0.00673	0.00152	0.0212	0.0193	0.00000477	18.5	0.0000156	0.000294
2113 Nov	74.8	0.0874	0.0738	0.00144	17.1	0.0395	14.3	0.00104	0.000897	0.00000459	0.00685	0.00151	0.021	0.0193	0.0000048	18.6	0.0000157	0.000292
2113 Dec	74.8	0.0875	0.0739	0.00144	17.2	0.0395	14.3	0.00104	0.000897	0.00000459	0.00686	0.00151	0.021	0.0194	0.00000481	18.6	0.0000157	0.000293
2114 Jan	74.8	0.0875	0.0739	0.00144	17.2	0.0395	14.3	0.00104	0.000898	0.0000046	0.00686	0.00151	0.021	0.0194	0.00000481	18.6	0.0000157	0.000293
2114 Feb	74.8	0.0875	0.0739	0.00144	17.2	0.0395	14.3	0.00104	0.000898	0.0000046	0.00686	0.00151	0.021	0.0194	0.00000481	18.6	0.0000157	0.000293

Appendix C.2-9: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2114 Mar	75	0.0877	0.0741	0.00145	17.2	0.0396	14.3	0.00104	0.0009	0.00000461	0.00688	0.00152	0.021	0.0194	0.00000482	18.6	0.0000158	0.000293
2114 Apr	75.4	0.0881	0.0744	0.00145	17.3	0.0398	14.4	0.00105	0.000904	0.00000463	0.00691	0.00152	0.0212	0.0195	0.00000484	18.7	0.0000158	0.000295
2114 May	82.8	0.0801	0.0774	0.00145	18.8	0.0351	14.8	0.00105	0.000905	0.00000463	0.00658	0.00166	0.0205	0.0242	0.00000484	22.1	0.000017	0.000342
2114 Jun	79	0.058	0.0648	0.00138	17.3	0.0284	12.4	0.00106	0.000948	0.00000482	0.00666	0.00162	0.018	0.0252	0.00000499	22.2	0.0000197	0.000353
2114 Jul	73.6	0.05	0.0556	0.00139	15.9	0.0308	10.9	0.00112	0.00103	0.0000052	0.00699	0.00157	0.0172	0.0236	0.00000534	20.7	0.0000196	0.000327
2114 Aug	72.8	0.0503	0.051	0.00141	15.9	0.0345	10.4	0.00117	0.00109	0.0000055	0.00717	0.00159	0.0173	0.0237	0.00000562	20.7	0.0000185	0.000321
2114 Sep	60.8	0.0717	0.0303	0.0012	14.2	0.0395	7.91	0.00107	0.00102	0.00000513	0.00723	0.00133	0.015	0.0196	0.0000052	17.8	0.0000147	0.000257
2114 Oct	65.5	0.0883	0.0464	0.00127	15.3	0.0404	10.6	0.00103	0.000941	0.00000477	0.00725	0.00137	0.0173	0.0188	0.0000049	17.6	0.0000152	0.000261
2114 Nov	74.3	0.0866	0.0707	0.00142	17	0.0394	14.1	0.00103	0.000894	0.00000457	0.00683	0.0015	0.0208	0.0193	0.00000478	18.5	0.0000156	0.00029
2114 Dec	74.8	0.0864	0.0719	0.00143	17	0.0393	14.3	0.00104	0.000893	0.00000457	0.00681	0.00151	0.021	0.0193	0.00000478	18.5	0.0000156	0.000292
2115 Jan	74.8	0.0864	0.072	0.00143	17.1	0.0393	14.3	0.00104	0.000893	0.00000457	0.00681	0.00151	0.021	0.0193	0.00000478	18.6	0.0000156	0.000292
2115 Feb	74.9	0.0864	0.072	0.00143	17.1	0.0393	14.3	0.00104	0.000893	0.00000457	0.00682	0.00151	0.021	0.0193	0.00000478	18.6	0.0000157	0.000293
2115 Mar	74.9	0.0865	0.0721	0.00143	17.1	0.0394	14.3	0.00104	0.000894	0.00000458	0.00682	0.00152	0.021	0.0193	0.00000479	18.6	0.0000157	0.000293
2115 Apr	75.5	0.0871	0.0726	0.00144	17.2	0.0397	14.4	0.00104	0.0009	0.00000461	0.00687	0.00153	0.0212	0.0195	0.00000482	18.7	0.0000158	0.000295
2115 May	84.6	0.0777	0.0718	0.0014	19.2	0.0331	14.3	0.00104	0.000911	0.00000465	0.00652	0.0017	0.0195	0.0264	0.00000485	23.6	0.0000175	0.000359
2115 Jun	88.8	0.0683	0.0678	0.0014	19.9	0.0292	13.6	0.00108	0.000964	0.00000491	0.00668	0.0018	0.0183	0.0301	0.00000508	26.1	0.0000199	0.000397
2115 Jul	77.2	0.0542	0.0531	0.00135	17.2	0.0327	11.1	0.00111	0.00102	0.00000517	0.00655	0.00167	0.0162	0.0268	0.0000053	22.9	0.0000172	0.000334
2115 Aug	61.3	0.0472	0.0414	0.00124	14	0.0381	9.22	0.00104	0.000966	0.00000489	0.00579	0.00139	0.0159	0.0193	0.000005	17.4	0.0000108	0.000251
2115 Sep	63.9	0.0607	0.047	0.00128	14.8	0.0407	10.3	0.00104	0.000954	0.00000484	0.00608	0.00139	0.018	0.0184	0.00000497	17.3	0.0000108	0.000261
2115 Oct	67.4	0.0722	0.0535	0.00132	15.6	0.0406	11.5	0.00104	0.000938	0.00000477	0.00646	0.00142	0.0188	0.0187	0.00000492	17.7	0.0000127	0.00027
2115 Nov	74.1	0.0818	0.0685	0.00141	16.9	0.0397	14	0.00104	0.000903	0.00000462	0.00667	0.00151	0.0209	0.0193	0.00000483	18.5	0.0000148	0.000291
2115 Dec	74.3	0.0821	0.069	0.00142	16.9	0.0397	14.1	0.00104	0.000903	0.00000462	0.00668	0.00151	0.0209	0.0193	0.00000483	18.6	0.0000149	0.000292
2116 Jan	74.3	0.0821	0.0691	0.00142	16.9	0.0397	14.1	0.00104	0.000903	0.00000462	0.00668	0.00152	0.0209	0.0193	0.00000483	18.6	0.0000149	0.000292
2116 Feb	74.4	0.0822	0.0691	0.00142	16.9	0.0397	14.1	0.00104	0.000904	0.00000462	0.00668	0.00152	0.021	0.0194	0.00000483	18.6	0.0000149	0.000292
2116 Mar	74.5	0.0823	0.0692	0.00142	16.9	0.0398	14.1	0.00105	0.000905	0.00000463	0.00669	0.00152	0.021	0.0194	0.00000484	18.6	0.0000149	0.000292
2116 Apr	75	0.0828	0.0696	0.00143	17.1	0.0401	14.2	0.00105	0.000911	0.00000466	0.00674	0.00153	0.0211	0.0195	0.00000487	18.7	0.000015	0.000294
2116 May	81.8	0.0786	0.0688	0.0014	18.6	0.0356	14.1	0.00105	0.000922	0.00000471	0.00661	0.00166	0.0199	0.0246	0.0000049	22.3	0.0000167	0.000341
2116 Jun	74.5	0.0537	0.0753	0.00145	15.7	0.0308	14.3	0.00105	0.000894	0.00000458	0.0064	0.00153	0.0211	0.0191	0.00000481	18	0.0000184	0.000314
2116 Jul	65.7	0.0417	0.0577	0.00141	13.3	0.0304	11.2	0.00111	0.000992	0.00000505	0.00709	0.00141	0.0188	0.0173	0.00000521	16.1	0.0000202	0.000288
2116 Aug	63.6	0.0435	0.0487	0.00138	13.3	0.0346	10	0.00113	0.00104	0.00000526	0.00706	0.0014	0.0182	0.0175	0.0000054	16.3	0.0000177	0.000278
2116 Sep	64.2	0.072	0.0453	0.00129	14.6	0.0391	10.4	0.00106	0.000964	0.00000489	0.00699	0.00137	0.0178	0.018	0.00000502	17	0.0000149	0.000263
2116 Oct	74.3	0.0881	0.0652	0.00139	16.9	0.0399	14	0.00104	0.000904	0.00000462	0.00695	0.00151	0.0206	0.0195	0.00000483	18.7	0.0000157	0.000291
2116 Nov	74.5	0.0892	0.0649	0.00139	17	0.0401	14	0.00105	0.000908	0.00000464	0.007	0.00152	0.0206	0.0195	0.00000484	18.7	0.0000158	0.000291
2116 Dec	74.5	0.0892	0.065	0.0014	17	0.0402	14	0.00105	0.000908	0.00000464	0.007	0.00152	0.0206	0.0195	0.00000484	18.7	0.0000158	0.000291
2117 Jan	74.5	0.0891	0.065	0.0014	17	0.0402	14	0.00105	0.000908	0.00000464	0.007	0.00152	0.0206	0.0195	0.00000484	18.7	0.0000158	0.000292
2117 Feb	74.5	0.0892	0.065	0.0014	17	0.0402	14	0.00105	0.000908	0.00000464	0.007	0.00152	0.0206	0.0195	0.00000484	18.8	0.0000158	0.000292
2117 Mar	74.6	0.0893	0.0651	0.0014	17	0.0402	14	0.00105	0.000909	0.00000465	0.00701	0.00152	0.0206	0.0196	0.00000485	18.8	0.0000158	0.000292
2117 Apr	75.3	0.09	0.0657	0.00141	17.1	0.0406	14.2	0.00106	0.000917	0.00000469	0.00707	0.00153	0.0208	0.0197	0.00000489	18.9	0.0000159	0.000295
2117 May	82.6	0.0826	0.064	0.00138	18.8	0.0353	13.8	0.00106	0.000931	0.00000475	0.00683	0.00167	0.0192	0.0255	0.00000493	23	0.0000174	0.000347
2117 Jun	80.7	0.0595	0.0658	0.0014	17.5	0.0296	13.4	0.00107	0.000942	0.00000481	0.00665	0.00165	0.0191	0.0248	0.000005	22.1	0.0000195	0.000355
2117 Jul	73.1	0.0496	0.0538	0.00137	15.7	0.0323	11.4	0.00112	0.00101	0.00000514	0.00677	0.00158	0.0174	0.0231	0.00000529	20.3	0.0000183	0.000317
2117 Aug	64.9	0.0455	0.0401	0.00129	14.3	0.0363	9.24	0.00111	0.00104	0.00000524	0.00651	0.00147	0.0159	0.0211	0.00000535	18.6	0.0000146	0.000277
2117 Sep	61.4	0.0566	0.0316	0.00123	14	0.0389	8.16	0.0011	0.00104	0.00000524	0.00681	0.00139	0.0152	0.0201	0.00000532	17.9	0.0000138	0.00026
2117 Oct	62	0.0772	0.0335	0.00121	14.4	0.0404	8.9	0.00106	0.000991	0.000005	0.0072	0.00135	0.0156	0.0192	0.0000051	17.6	0.0000145	0.000253
2117 Nov	63.6	0.0824	0.0373	0.00123	14.8	0.0406	9.62	0.00105	0.000972	0.00000492	0.00725	0.00136	0.0163	0.0191	0.00000502	17.6	0.0000148	0.000256
2117 Dec	63.6	0.0827	0.0374	0.00123	14.8	0.0406	9.64	0.00105	0.000972	0.00000491	0.00726	0.00136	0.0163	0.0191	0.00000502	17.7	0.0000148	0.000256
2118 Jan	63.7	0.0827	0.0374	0.00123	14.8	0.0406	9.66	0.00105	0.000972	0.00000491	0.00726	0.00136	0.0163	0.0191	0.00000502	17.7	0.0000148	0.000256
2118 Feb	63.7	0.0827	0.0375	0.00123	14.8	0.0406	9.66	0.00105	0.000972	0.00000492	0.00726	0.00136	0.0163	0.0191	0.00000502	17.7	0.0000148	0.000256
2118 Mar	63.7	0.0827	0.0375	0.00123	14.8	0.0407	9.67	0.00105	0.000973	0.00000492	0.00726	0.00136	0.0163	0.0191	0.00000503	17.7	0.0000148	0.000256
2118 Apr	67.7	0.0851	0.0382	0.00123	15.9	0.04	9.92	0.00105	0.000978	0.00000494	0.00723	0.00144	0.0161	0.0215	0.00000505	19.5	0.0000151	0.000278
2118 May	84.5	0.0792	0.0572	0.00132	19.4	0.0334	12.9	0.00105	0.000943	0.00000479	0.00665	0.00172	0.0176	0.0285	0.00000495	25	0.0000173	0.000365
2118 Jun	76.4	0.0546	0.0696	0.00144	16.1	0.0307	14	0.00108	0.000926	0.00000474	0.00663	0.00158	0.0206	0.0207	0.00000496	19.2	0.0000192	0.000328
2118 Jul	71.2	0.0469	0.0588	0.00143	14.8	0.0323	12.1	0.00114	0.00101	0.00000513	0.00702	0.00153	0.0192	0.0199	0.00000531	18.2	0.0000195	0.000307
2118 Aug	60.2	0.0464	0.0387	0.00126	13.4	0.038	9.13	0.00107	0.00099	0.00000501	0.00621	0.00135	0.0168	0.0178	0.00000512	16.4	0.0000123	0.000254
2118 Sep	74.5	0.0818	0.0628	0.00138	16.8	0.0396	14	0.00105	0.000908	0.00000464	0.00673	0.00153	0.0206	0.0197	0.00000485	18.8	0.000015	0.000295
2118 Oct	78.1	0.0865	0.0693	0.00143	17.6	0.0394	15.3	0.00106	0.000895	0.00000459	0.00682	0.00159	0.0217	0.0202	0.00000482	19.4	0.0000159	0.000307
2118 Nov	78.8	0.0863	0.0706	0.00144	17.7	0.0394	15.5	0.00106	0.000895	0.0000046	0.0068	0.00161	0.0219	0.0203	0.00000483	19.5	0.000016	0.00031
2118 Dec	78.8	0.0864	0.0705	0.00144	17.7	0.0395	15.5	0.00106	0.000896	0.0000046	0.00681	0.00161	0.0219	0.0203	0.00000483	19.5	0.000016	0.00031
2119 Jan	78.8	0.0864	0.0706	0.00144	17.7	0.0395	15.5	0.00106	0.000896	0.0000046	0.00681	0.00161	0.0219	0.0203	0.00000483	19.5	0.000016	0.00031
2119 Feb	78.8	0.0865	0.0706	0.00144	17.7	0.0395	15.5	0.00106	0.000896	0.0000046	0.00681	0.00161	0.0219	0.0203	0.00000483	19.5	0.000016	0.00031
2119 Mar	79	0.0867	0.0708	0.00144	17.7	0.0396	15.6	0.00107	0.000899	0.00000461	0.00683	0.00161	0.022	0.0203	0.00000485	19.6	0.000016	0.000311
2119 Apr	87.5	0.0912	0.0696	0.00142	20	0.0377	15.6	0.00107	0.000915	0.00000468	0.00675	0.00177	0.0208	0.0262	0.0000049	23.9	0.0000166	0.000358
2119 May	95.1	0.0763	0.0726	0.0014	21.5	0.0303	15.9	0.00106	0.000901	0.00000462	0.00618	0.00191	0.0197	0.0316	0.00000483	27.7	0.0000181	0.000414
2119 Jun	75.4	0.0536	0.0631	0.00138	15.9	0.0296	13.3	0.00107	0.000924	0.00000472	0.0066	0.00157	0.0195	0.0213	0.00000492	19.5	0.0000192	0.000329
2119 Jul	67.7	0.0432	0.0509	0.00137	13.8	0.03	10.9	0.00112	0.00101	0.00000511	0.00714	0.00146	0.018	0.0193	0.00000527	17.6	0.0000204	0.000302
2119 Aug	60.2	0.0447	0.0358	0.00126	13.1	0.0362	8.7	0.00109	0.00102	0.00000514	0.0066	0.00135	0.0165	0.018	0.00000524	16.6	0.0000145	0.000264
2119 Sep	65.2	0.0721	0.0429	0.00126	14.9	0.0398	10.7	0.00105	0.000948	0.00000481	0.00671	0.0014	0.0178	0.0185	0.00000495	17.5	0.0000135	0.000267
2119 Oct	76.7	0.0848	0.0643	0.00139	17.2	0.0394	14.8	0.00106	0.0009	0.00000461	0.00679	0.00158	0.0211	0.0201	0.00000483	19.3	0.0000156	0.000303
2119 Nov	79.1	0.0857	0.0689	0.00143	17.7	0.0393	15.6	0.00107	0.000892	0.00000458	0.00676	0.00162	0.0219	0.0204	0.00000482	19.7	0.0000158	0.000312
2119 Dec	79.1	0.0858	0.069	0.00143	17.7	0.0393	15.6	0.00107	0.000893	0.00000459	0.00676	0.00162	0.0219	0.0204	0.00000482	19.7	0.0000159	0.000312

Appendix C.2-9: A1

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.0000994	0.000653	0.0841	0.00000985	0.883	1.21	0.0104	0.00012	2.7	0.000959	0.00891	0.0000389	0.0000402	0.0000415	0.0502	0.00000197	0.0000497	0.0002	0.00118	
Operation (2024-2031): Mean	0.00014	0.000854	0.0963	0.0000102	1.08	1.68	0.0164	0.000353	3.79	0.00105	0.0102	0.000102	0.000104	0.0000481	0.069	0.00000204	0.0000682	0.000321	0.00149	
Operation (2024-2031): Max	0.000375	0.000995	0.158	0.0000109	1.5	2.92	0.0621	0.000516	5.11	0.0014	0.0111	0.000525	0.000223	0.0000864	0.115	0.00000217	0.0000807	0.000878	0.00204	
Active Closure (2032-2038): Min	0.0000974	0.000663	0.0829	0.00000966	0.862	1.2	0.00964	0.00012	2.73	0.000942	0.00871	0.0000238	0.0000283	0.0000402	0.0494	0.00000193	0.0000485	0.000191	0.00112	
Active Closure (2032-2038): Mean	0.000172	0.000899	0.104	0.0000101	1.16	1.9	0.0214	0.000384	4.12	0.00109	0.0105	0.000143	0.0000971	0.0000519	0.0773	0.00000202	0.0000719	0.000366	0.00144	
Active Closure (2032-2038): Max	0.000385	0.00108	0.16	0.000011	1.58	3.12	0.064	0.00054	5.71	0.00141	0.0114	0.000542	0.000234	0.0000876	0.123	0.0000022	0.0000842	0.000901	0.00207	
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.00011	0.000749	0.0581	0.0000066	1.1	1.78	0.0121	0.000235	4.51	0.00115	0.00784	0.000058	0.0000831	0.000055	0.061	0.00000203	0.0000764	0.000167	0.00124	2.19E-08
Post Closure (2039-2119): Mean	0.000199	0.000985	0.0995	0.00000946	1.58	2.71	0.0291	0.000513	8.91	0.00152	0.018	0.000179	0.000177	0.0000883	0.094	0.00000231	0.000173	0.000417	0.00145	0.000232
Post Closure (2039-2119): Max	0.000476	0.00125	0.173	0.000011	2.37	4.3	0.0806	0.000833	32.5	0.0024	0.0307	0.000587	0.000357	0.000145	0.158	0.00000298	0.000292	0.000938	0.00201	0.000455
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan	0.000176	0.000923	0.106	0.0000103	1.19	1.94	0.022	0.00039	4.26	0.00111	0.0105	0.000151	0.0000872	0.0000548	0.0795	0.00000207	0.0000714	0.000337	0.00141	
2024 Feb	0.000176	0.000923	0.106	0.0000103	1.19	1.94	0.022	0.00039	4.26	0.00111	0.0105	0.000151	0.0000872	0.0000548	0.0795	0.00000207	0.0000714	0.000337	0.00141	
2024 Mar	0.000176	0.000924	0.106	0.0000103	1.19	1.94	0.022	0.00039	4.26	0.00111	0.0105	0.000151	0.0000873	0.0000548	0.0796	0.00000207	0.0000715	0.000338	0.00141	
2024 Apr	0.000177	0.000926	0.107	0.0000104	1.19	1.95	0.0221	0.000391	4.27	0.00111	0.0105	0.000151	0.0000875	0.0000549	0.0797	0.00000207	0.0000717	0.000339	0.00141	
2024 May	0.000264	0.000995	0.13	0.0000104	1.37	2.45	0.0382	0.000361	4.91	0.00125	0.0108	0.000298	0.000114	0.0000691	0.0987	0.00000208	0.0000731	0.000516	0.0015	
2024 Jun	0.000362	0.000914	0.153	0.00000987	1.46	2.82	0.0601	0.000158	4.93	0.00137	0.0101	0.000507	0.00022	0.000084	0.111	0.00000197	0.0000621	0.000863	0.00191	
2024 Jul	0.000292	0.000876	0.138	0.0000104	1.34	2.42	0.0476	0.000155	4.43	0.00131	0.0103	0.000397	0.00022	0.0000745	0.0963	0.00000208	0.0000612	0.000751	0.00199	
2024 Aug	0.000242	0.000873	0.123	0.0000106	1.29	2.2	0.0374	0.000233	4.35	0.00124	0.01	0.000298	0.000169	0.0000695	0.0893	0.00000211	0.0000621	0.000566	0.00178	
2024 Sep	0.000181	0.00088	0.104	0.0000102	1.2	1.95	0.024	0.000373	4.23	0.00112	0.0101	0.000163	0.0000972	0.000058	0.0804	0.00000205	0.0000685	0.000362	0.00145	
2024 Oct	0.000168	0.000911	0.101	0.0000102	1.18	1.92	0.0201	0.000431	4.26	0.00109	0.0105	0.000124	0.0000763	0.0000532	0.0789	0.00000204	0.0000737	0.000318	0.00136	
2024 Nov	0.000163	0.000924	0.101	0.0000102	1.18	1.91	0.0186	0.000453	4.27	0.00108	0.0106	0.000109	0.0000684	0.0000514	0.0784	0.00000204	0.0000757	0.000301	0.00133	
2024 Dec	0.000163	0.000925	0.101	0.0000102	1.18	1.91	0.0186	0.000454	4.28	0.00108	0.0106	0.000109	0.0000684	0.0000514	0.0785	0.00000204	0.0000758	0.000301	0.00133	
2025 Jan	0.000163	0.000925	0.101	0.0000102	1.18	1.91	0.0186	0.000454	4.28	0.00108	0.0106	0.000109	0.0000684	0.0000514	0.0785	0.00000204	0.0000758	0.000301	0.00133	
2025 Feb	0.000163	0.000925	0.101	0.0000102	1.18	1.91	0.0186	0.000454	4.28	0.00108	0.0107	0.000109	0.0000684	0.0000514	0.0785	0.00000204	0.0000758	0.000301	0.00133	
2025 Mar	0.000163	0.000925	0.101	0.0000102	1.18	1.91	0.0186	0.000454	4.28	0.00108	0.0107	0.00011	0.0000684	0.0000514	0.0785	0.00000204	0.0000758	0.000301	0.00133	
2025 Apr	0.000163	0.000926	0.101	0.0000102	1.18	1.91	0.0187	0.000454	4.28	0.00108	0.0107	0.00011	0.0000685	0.0000515	0.0786	0.00000204	0.0000758	0.000302	0.00133	
2025 May	0.000166	0.000942	0.103	0.0000104	1.2	1.94	0.019	0.000462	4.36	0.0011	0.0109	0.000112	0.0000697	0.0000524	0.08	0.00000208	0.0000772	0.000307	0.00135	
2025 Jun	0.000131	0.000762	0.092	0.0000101	1.03	1.54	0.0169	0.000273	3.38	0.00104	0.00985	0.000107	0.000153	0.0000473	0.0634	0.00000203	0.0000628	0.000406	0.00173	
2025 Jul	0.000103	0.000695	0.0876	0.0000101	0.902	1.25	0.0138	0.000141	2.83	0.000989	0.00912	0.000105	0.000175	0.0000436	0.0517	0.00000202	0.0000511	0.000371	0.00181	
2025 Aug	0.000106	0.000764	0.0907	0.0000105	0.965	1.35	0.0132	0.000194	3.16	0.00102	0.00941	0.0000989	0.000143	0.0000465	0.0562	0.0000021	0.0000542	0.000299	0.00168	
2025 Sep	0.000109	0.000801	0.0886	0.0000104	1.01	1.45	0.0122	0.000292	3.46	0.00102	0.00962	0.0000749	0.000107	0.0000467	0.0608	0.00000207	0.0000604	0.000251	0.00152	
2025 Oct	0.000116	0.000868	0.0895	0.0000101	1.05	1.58	0.0109	0.000408	3.76	0.000995	0.0103	0.0000505	0.0000691	0.0000432	0.0655	0.00000201	0.0000706	0.000225	0.00132	
2025 Nov	0.000119	0.000891	0.0897	0.00000993	1.06	1.63	0.0104	0.000451	3.87	0.000985	0.0105	0.0000414	0.0000549	0.0000419	0.0672	0.00000199	0.0000743	0.000215	0.00125	
2025 Dec	0.000119	0.000892	0.0898	0.00000994	1.06	1.63	0.0104	0.000452	3.87	0.000986	0.0105	0.0000414	0.000055	0.0000419	0.0673	0.00000199	0.0000743	0.000215	0.00125	
2026 Jan	0.000119	0.000892	0.0898	0.00000994	1.06	1.63	0.0104	0.000452	3.87	0.000986	0.0105	0.0000414	0.000055	0.0000419	0.0673	0.00000199	0.0000743	0.000215	0.00125	
2026 Feb	0.000119	0.000892	0.0898	0.00000994	1.06	1.63	0.0104	0.000452	3.87	0.000986	0.0105	0.0000414	0.000055	0.0000419	0.0673	0.00000199	0.0000743	0.000215	0.00125	
2026 Mar	0.000119	0.000893	0.0899	0.00000995	1.06	1.63	0.0104	0.000452	3.87	0.000986	0.0105	0.0000414	0.000055	0.0000419	0.0673	0.00000199	0.0000744	0.000215	0.00125	
2026 Apr	0.000119	0.000896	0.0902	0.00000998	1.06	1.64	0.0104	0.000454	3.89	0.00099	0.0105	0.0000416	0.0000552	0.0000421	0.0676	0.000002	0.0000746	0.000216	0.00125	
2026 May	0.000127	0.000912	0.093	0.0000101	1.09	1.69	0.0117	0.000457	3.98	0.00101	0.0107	0.000052	0.0000579	0.0000436	0.0697	0.00000202	0.0000757	0.000231	0.00128	
2026 Jun	0.000132	0.000653	0.091	0.00000985	0.947	1.39	0.0201	0.000133	2.88	0.00103	0.00914	0.000147	0.000212	0.0000474	0.057	0.00000197	0.0000527	0.000516	0.00198	
2026 Jul	0.000115	0.000666	0.0898	0.0000103	0.934	1.3	0.0169	0.000125	2.81	0.00104	0.00937	0.000122	0.000215	0.000046	0.0538	0.00000206	0.0000527	0.000483	0.00204	
2026 Aug	0.000112	0.000743	0.0895	0.0000104	0.985	1.38	0.0145	0.000206	3.19	0.00103	0.00936	0.000101	0.000151	0.000048	0.0579	0.00000209	0.0000551	0.000335	0.00173	
2026 Sep	0.000114	0.000783	0.0899	0.0000105	1.02	1.46	0.0138	0.00027	3.42	0.00104	0.00967	0.0000873	0.000129	0.0000483	0.0613	0.0000021	0.0000599	0.000304	0.00164	
2026 Oct	0.000119	0.000842	0.0905	0.0000103	1.05	1.56	0.0124	0.000365	3.67	0.00102	0.0102	0.0000654	0.0000944	0.0000454	0.065	0.00000206	0.0000679	0.000269	0.00146	
2026 Nov	0.000119	0.000846	0.0909	0.0000103	1.05	1.57	0.0124	0.000368	3.69	0.00103	0.0102	0.0000655	0.0000944	0.0000455	0.0653	0.00000206	0.0000683	0.00027	0.00147	
2026 Dec	0.000119	0.000846	0.091	0.0000103	1.05	1.57	0.0124	0.000368	3.69	0.00103	0.0102	0.0000655	0.0000945	0.0000456	0.0653	0.00000206	0.0000683	0.00027	0.00147	
2027 Jan	0.000119	0.000846	0.091	0.0000103	1.05	1.57	0.0124	0.000368	3.69	0.00103	0.0102	0.0000655	0.0000945	0.0000456	0.0653	0.00000206	0.0000683	0.00027	0.00147	
2027 Feb	0.000119	0.000846	0.091	0.0000103	1.05	1.57	0.0124	0.000368	3.69	0.00103	0.0102	0.0000655	0.0000945	0.0000456	0.0653	0.00000207	0.0000683	0.00027	0.00147	
2027 Mar	0.000119	0.000847	0.091	0.0000103	1.06	1.57	0.0124	0.000368	3.69	0.00103	0.0102	0.0000656	0.0000945	0.0000456	0.0653	0.00000207	0.0000684	0.00027	0.00147	
2027 Apr	0.00012	0.000852	0.0915	0.0000104	1.06	1.58	0.0125	0.00037	3.71	0.00103	0.0103	0.0000659	0.0000951	0.0000458	0.0657	0.00000208	0.0000688	0.000271	0.00148	
2027 May	0.000134	0.000876	0.0964	0.0000106	1.1	1.68	0.015	0.000373	3.87	0.00107	0.0105	0.000088	0.0000999	0.0000486	0.0695	0.00000211	0.0000701	0.0003	0.00151	
2027 Jun	0.000126	0.000663	0.0897	0.00000989	0.946	1.38	0.0187	0.000151	2.91	0.00102	0.00918	0.000133	0.000202	0.0000467	0.0566	0.00000198	0.0000536	0.000486	0.00194	
2027 Jul	0.000105	0.000658	0.0875	0.0000103	0.91	1.24	0.0152	0.00012	2.72	0.00102	0.00928	0.000109	0.000212	0.0000446	0.0514	0.00000206	0.0000518	0.000458	0.00202	
2027 Aug	0.000108	0.000718	0.0894	0.0000107	0.976	1.34	0.0146	0.00018	3.06	0.00105	0.00954	0.0000997	0.000181	0.0000476	0.0561	0.00000213	0.0000552	0.000392	0.00191	
2027 Sep	0.000112	0.000792	0.087	0.0000104	1.03	1.49	0.0125	0.000327	3.51	0.00103	0.00981	0.000065	0.000113	0.0000469	0.0625	0.00000207	0.0000639	0.000286	0.00157	
2027 Oct	0.000117	0.000853	0.0889	0.0000102	1.06	1.59	0.0114	0.000409	3.75	0.00101	0.0103	0.0000494	0.0000817	0.0000443	0.0661	0.00000204	0.0000712	0.000255	0.00141	
2027 Nov	0.000119	0.00087	0.0895	0.0000102	1.07	1.62	0.0112	0.000431	3.82	0.00101	0.0105	0.0000456	0.000074	0.0000438	0.0671	0.00000203	0.0000731	0.000248	0.00137	
2027 Dec	0.000119	0.000871	0.0895	0.0000102	1.07	1.62	0.0112	0.000433	3.83	0.00101	0.0105	0.0000453	0.0000734	0.0000437	0.0672	0.00000203	0.0000733	0.000247	0.00137	
2028 Jan	0.000119	0.000871	0.0895	0.0000102	1.07	1.62	0.0112	0.000433	3.83	0.00101	0.0105	0.0000453	0.0000734	0.0000437	0.0672	0.00000203	0.0000733	0.000247	0.00137	
2028 Feb	0.000119	0.000871	0.0895	0.0000102	1.07	1.62	0.0112	0.000433	3.83	0.00101	0.0105	0.0000453	0.0000734	0.0000438	0.0672	0.00000203	0.0000733	0.000247	0.00137	
2028 Mar	0.000119	0.000871	0.0896	0.0000102	1.07	1.62	0.0112	0.000433	3.83	0.00101	0.0105	0.0000453	0.0000734	0.0000438	0.0672	0.00000203	0.0000733	0.000247	0.00137	
2028 Apr	0.000119	0.000874	0.0898	0.0000102	1.07	1.62	0.0112	0.000434	3.84	0.00102	0.0105	0.0000455	0.0000736	0.0000439	0.0674	0.00000204	0.0000735	0.000248	0.00137	
2028 May	0.000121	0.000886	0.091	0.0000103	1.09	1.65	0.0114	0.00044	3.89	0.00103	0.0106	0.0000462	0.0000746	0.0000445	0.0683	0.00000207	0.0000745	0.000252	0.00139	

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Jun	0.000105	0.000667	0.0841	0.00000996	0.919	1.28	0.014	0.000188	2.84	0.000995	0.00932	0.0000879	0.000186	0.0000429	0.0532	0.00000199	0.0000558	0.000429	0.00189	
2028 Jul	0.000103	0.000653	0.0863	0.0000102	0.902	1.23	0.0147	0.000124	2.7	0.00101	0.00923	0.000104	0.000209	0.0000439	0.0508	0.00000204	0.0000517	0.000452	0.00201	
2028 Aug	0.000109	0.000714	0.0916	0.0000109	0.975	1.33	0.0152	0.000156	2.99	0.00108	0.00979	0.000106	0.000204	0.0000474	0.0555	0.00000217	0.0000557	0.00044	0.00204	
2028 Sep	0.000114	0.000781	0.0925	0.0000108	1.02	1.45	0.014	0.000256	3.33	0.00107	0.0102	0.0000862	0.000163	0.0000467	0.0604	0.00000216	0.0000629	0.000383	0.00184	
2028 Oct	0.000122	0.000895	0.0916	0.0000101	1.07	1.65	0.0109	0.000453	3.87	0.00101	0.0108	0.000043	0.0000713	0.0000417	0.0679	0.00000202	0.0000766	0.000261	0.00135	
2028 Nov	0.000124	0.000914	0.0922	0.0000101	1.08	1.69	0.0107	0.000477	3.96	0.00101	0.011	0.0000389	0.0000624	0.0000415	0.0692	0.00000202	0.0000786	0.00025	0.00131	
2028 Dec	0.000124	0.000914	0.0923	0.0000101	1.08	1.69	0.0107	0.000477	3.96	0.00101	0.011	0.0000389	0.0000625	0.0000415	0.0692	0.00000202	0.0000786	0.00025	0.00131	
2029 Jan	0.000124	0.000914	0.0923	0.0000101	1.08	1.69	0.0107	0.000477	3.96	0.00101	0.011	0.0000389	0.0000625	0.0000415	0.0692	0.00000202	0.0000786	0.00025	0.00131	
2029 Feb	0.000124	0.000914	0.0923	0.0000101	1.08	1.69	0.0107	0.000477	3.96	0.00101	0.011	0.0000389	0.0000625	0.0000415	0.0692	0.00000202	0.0000786	0.00025	0.00131	
2029 Mar	0.000124	0.000914	0.0923	0.0000101	1.08	1.69	0.0107	0.000477	3.96	0.00101	0.011	0.0000389	0.0000625	0.0000415	0.0692	0.00000202	0.0000787	0.00025	0.00131	
2029 Apr	0.000124	0.000915	0.0924	0.0000101	1.08	1.69	0.0107	0.000477	3.96	0.00101	0.011	0.0000389	0.0000625	0.0000415	0.0693	0.00000202	0.0000787	0.000251	0.00131	
2029 May	0.000125	0.000924	0.0934	0.0000102	1.09	1.71	0.0109	0.000481	4	0.00102	0.0111	0.0000402	0.0000633	0.000042	0.07	0.00000204	0.0000794	0.000254	0.00133	
2029 Jun	0.000137	0.000818	0.0955	0.0000102	1.06	1.63	0.0166	0.000326	3.59	0.00105	0.0104	0.000102	0.000135	0.0000462	0.0666	0.00000204	0.0000684	0.000392	0.00165	
2029 Jul	0.0000994	0.000703	0.0867	0.00000988	0.883	1.23	0.0129	0.000144	2.83	0.000959	0.00891	0.000102	0.000155	0.0000425	0.0508	0.00000198	0.0000497	0.000323	0.00168	
2029 Aug	0.000103	0.000779	0.0884	0.0000102	0.958	1.35	0.012	0.000221	3.24	0.000988	0.00913	0.0000898	0.00011	0.000046	0.0564	0.00000205	0.0000534	0.000224	0.00149	
2029 Sep	0.000108	0.000824	0.089	0.0000103	1.01	1.46	0.0115	0.000306	3.53	0.00101	0.00959	0.0000725	0.0000883	0.0000465	0.0613	0.00000206	0.0000605	0.000208	0.00141	
2029 Oct	0.000114	0.000869	0.0902	0.0000102	1.04	1.56	0.0109	0.000385	3.74	0.001	0.0101	0.0000568	0.0000683	0.0000444	0.0649	0.00000204	0.000068	0.000204	0.00132	
2029 Nov	0.000117	0.000893	0.0903	0.00001	1.06	1.61	0.0104	0.000434	3.86	0.000991	0.0104	0.0000461	0.0000547	0.0000428	0.0668	0.00000201	0.0000724	0.0002	0.00125	
2029 Dec	0.000117	0.000894	0.0904	0.00001	1.06	1.61	0.0104	0.000434	3.86	0.000991	0.0104	0.0000461	0.0000547	0.0000428	0.0668	0.00000201	0.0000724	0.0002	0.00125	
2030 Jan	0.000117	0.000894	0.0904	0.00001	1.06	1.61	0.0104	0.000434	3.86	0.000991	0.0104	0.0000461	0.0000547	0.0000428	0.0668	0.00000201	0.0000724	0.0002	0.00125	
2030 Feb	0.000117	0.000894	0.0904	0.00001	1.06	1.62	0.0104	0.000434	3.86	0.000991	0.0104	0.0000461	0.0000547	0.0000428	0.0668	0.00000201	0.0000724	0.000201	0.00125	
2030 Mar	0.000118	0.000894	0.0904	0.0000101	1.06	1.62	0.0104	0.000435	3.86	0.000992	0.0104	0.0000462	0.0000548	0.0000429	0.0669	0.00000201	0.0000725	0.000201	0.00125	
2030 Apr	0.000118	0.000896	0.0906	0.0000101	1.06	1.62	0.0104	0.000435	3.87	0.000993	0.0104	0.0000463	0.0000549	0.0000429	0.067	0.00000201	0.0000726	0.000201	0.00125	
2030 May	0.000119	0.000909	0.0919	0.0000102	1.08	1.64	0.0106	0.000442	3.93	0.00101	0.0106	0.000047	0.0000557	0.0000436	0.068	0.00000204	0.0000737	0.000204	0.00127	
2030 Jun	0.000104	0.000674	0.0844	0.00000995	0.916	1.28	0.0138	0.000188	2.85	0.000991	0.00931	0.0000876	0.000182	0.0000427	0.053	0.00000199	0.0000556	0.000417	0.00186	
2030 Jul	0.0001	0.000663	0.0854	0.00000997	0.885	1.21	0.0139	0.00013	2.71	0.000981	0.00901	0.000102	0.000188	0.0000429	0.0502	0.00000199	0.0000504	0.000401	0.00187	
2030 Aug	0.000103	0.000746	0.0896	0.0000103	0.938	1.31	0.013	0.000176	3.05	0.001	0.00927	0.0000998	0.000148	0.0000451	0.0543	0.00000206	0.0000527	0.000307	0.00169	
2030 Sep	0.000108	0.000783	0.0917	0.0000106	0.986	1.38	0.0131	0.000215	3.25	0.00103	0.00963	0.0000949	0.00014	0.0000468	0.0577	0.00000212	0.0000564	0.000299	0.00169	
2030 Oct	0.000113	0.000834	0.0918	0.0000104	1.02	1.49	0.012	0.000314	3.52	0.00102	0.0101	0.0000736	0.000106	0.0000447	0.0619	0.00000208	0.0000644	0.000269	0.00152	
2030 Nov	0.000116	0.000862	0.0918	0.0000103	1.04	1.55	0.0115	0.000367	3.67	0.00101	0.0103	0.0000621	0.0000882	0.0000435	0.0641	0.00000205	0.0000687	0.000253	0.00143	
2030 Dec	0.000116	0.000862	0.0918	0.0000103	1.04	1.55	0.0115	0.000367	3.67	0.00101	0.0103	0.0000622	0.0000882	0.0000435	0.0642	0.00000205	0.0000687	0.000253	0.00143	
2031 Jan	0.000116	0.000862	0.0918	0.0000103	1.04	1.55	0.0115	0.000367	3.67	0.00101	0.0103	0.0000622	0.0000882	0.0000435	0.0642	0.00000205	0.0000687	0.000253	0.00143	
2031 Feb	0.000116	0.000862	0.0918	0.0000103	1.04	1.55	0.0115	0.000367	3.67	0.00101	0.0103	0.0000622	0.0000882	0.0000435	0.0642	0.00000205	0.0000687	0.000253	0.00143	
2031 Mar	0.000116	0.000862	0.0918	0.0000103	1.04	1.55	0.0115	0.000367	3.67	0.00101	0.0103	0.0000622	0.0000882	0.0000435	0.0642	0.00000205	0.0000687	0.000253	0.00143	
2031 Apr	0.000117	0.000867	0.0923	0.0000103	1.04	1.56	0.0115	0.000369	3.69	0.00102	0.0104	0.0000625	0.0000887	0.0000438	0.0645	0.00000206	0.0000691	0.000254	0.00143	
2031 May	0.000204	0.000941	0.116	0.0000104	1.23	2.07	0.0275	0.000347	4.35	0.00116	0.0107	0.000206	0.000113	0.0000582	0.0839	0.00000208	0.000071	0.000425	0.00152	
2031 Jun	0.000375	0.000945	0.158	0.00001	1.5	2.92	0.0621	0.000171	5.11	0.0014	0.0104	0.000525	0.000218	0.0000864	0.115	0.000002	0.000064	0.000878	0.00191	
2031 Jul	0.000323	0.000928	0.148	0.0000106	1.43	2.64	0.0528	0.000169	4.77	0.00137	0.0106	0.000442	0.000223	0.0000799	0.105	0.00000213	0.0000642	0.000801	0.00202	
2031 Aug	0.000261	0.000917	0.131	0.0000107	1.33	2.32	0.0405	0.000224	4.53	0.00128	0.0103	0.000332	0.000171	0.000072	0.0934	0.00000214	0.0000632	0.000592	0.00179	
2031 Sep	0.000186	0.000904	0.107	0.0000102	1.21	1.99	0.0244	0.000381	4.3	0.00112	0.0103	0.000169	0.0000926	0.0000574	0.0816	0.00000205	0.00007	0.000363	0.00142	
2031 Oct	0.000145	0.000943	0.0961	0.00000987	1.13	1.84	0.014	0.000508	4.22	0.00102	0.0109	0.0000654	0.0000422	0.0000446	0.0751	0.00000197	0.00008	0.000245	0.00118	
2031 Nov	0.000144	0.000949	0.096	0.00000989	1.13	1.84	0.0135	0.000516	4.23	0.00102	0.011	0.000061	0.0000402	0.0000442	0.0751	0.00000198	0.0000807	0.00024	0.00118	
2031 Dec	0.000144	0.000949	0.096	0.0000099	1.13	1.84	0.0135	0.000516	4.23	0.00102	0.011	0.000061	0.0000402	0.0000443	0.0752	0.00000198	0.0000807	0.00024	0.00118	
2032 Jan	0.000144	0.000949	0.096	0.0000099	1.13	1.84	0.0135	0.000516	4.23	0.00102	0.011	0.000061	0.0000402	0.0000443	0.0752	0.00000198	0.0000807	0.00024	0.00118	
2032 Feb	0.000144	0.000949	0.096	0.0000099	1.13	1.84	0.0135	0.000516	4.23	0.00102	0.011	0.000061	0.0000402	0.0000443	0.0752	0.00000198	0.0000807	0.00024	0.00118	
2032 Mar	0.000144	0.00095	0.096	0.0000099	1.13	1.84	0.0135	0.000516	4.24	0.00102	0.011	0.0000611	0.0000402	0.0000443	0.0752	0.00000198	0.0000808	0.000241	0.00118	
2032 Apr	0.000144	0.000952	0.0963	0.00000993	1.14	1.84	0.0136	0.000518	4.25	0.00102	0.011	0.0000612	0.0000403	0.0000444	0.0754	0.00000199	0.000081	0.000241	0.00118	
2032 May	0.000152	0.000969	0.0991	0.0000101	1.16	1.9	0.0148	0.000522	4.34	0.00104	0.0112	0.0000715	0.0000429	0.0000459	0.0776	0.00000201	0.0000821	0.000256	0.0012	
2032 Jun	0.000134	0.000679	0.0916	0.00000982	0.965	1.44	0.0197	0.000168	3	0.00103	0.00929	0.00014	0.000197	0.0000471	0.0588	0.00000196	0.0000553	0.000494	0.00191	
2032 Jul	0.0000974	0.000676	0.0844	0.00000967	0.862	1.2	0.0129	0.000134	2.73	0.000942	0.00871	0.000101	0.00016	0.0000417	0.0494	0.00000193	0.0000485	0.000335	0.00169	
2032 Aug	0.0001	0.000747	0.0829	0.00000999	0.963	1.34	0.0116	0.000255	3.26	0.000975	0.00883	0.0000746	0.000101	0.0000466	0.0571	0.000002	0.0000539	0.000214	0.00144	
2032 Sep	0.000104	0.000784	0.0832	0.0000102	1.02	1.44	0.0113	0.000321	3.52	0.001	0.00914	0.0000611	0.0000822	0.0000484	0.0614	0.00000204	0.0000588	0.000191	0.00138	
2032 Oct	0.000108	0.000815	0.0851	0.0000102	1.04	1.49	0.0112	0.000356	3.64	0.00101	0.0095	0.0000564	0.0000751	0.0000477	0.0634	0.00000205	0.0000627	0.000193	0.00136	
2032 Nov	0.00011	0.000828	0.0858	0.0000102	1.05	1.52	0.0111	0.000373	3.69	0.00101	0.00965	0.0000536	0.0000711	0.0000471	0.0643	0.00000204	0.0000645	0.000193	0.00134	
2032 Dec	0.000111	0.000839	0.0862	0.0000102	1.05	1.54	0.0109	0.000389	3.73	0.001	0.00977	0.0000505	0.0000664	0.0000464	0.0649	0.00000203	0.0000662	0.000193	0.00132	
2033 Jan	0.000111	0.000839	0.0862	0.0000102	1.05	1.54	0.0109	0.000389	3.73	0.001	0.00977	0.0000505	0.0000664	0.0000464	0.0649	0.00000203	0.0000662	0.000193	0.00132	
2033 Feb	0.000111	0.000839	0.0862	0.0000102	1.05	1.54	0.0109	0.000389	3.73	0.001	0.00977	0.0000505	0.0000665	0.0000464	0.0649	0.00000203	0.0000662	0.000193	0.00132	
2033 Mar	0.000111	0.00084	0.0863	0.0000102	1.05	1.54	0.0109	0.00039	3.74	0.001	0.00979	0.0000505	0.0000665	0.0000464	0.065	0.00000204	0.0000663	0.000193	0.00132	
2033 Apr	0.000112	0.000845	0.0869	0.0000102	1.06	1.55	0.011	0.000392	3.76	0.00101	0.00985	0.0000509	0.000067	0.0000467	0.0654	0.00000205	0.0000667	0.000194	0.00133	
2033 May	0.000356	0.00103	0.153	0.0000102	1.54	2.95	0.0558	0.000307	5.49	0.00137	0.0107	0.00046	0.000141	0.0000847	0.118	0.00000204	0.0000709	0.000695	0.00156	
2033 Jun	0.000336	0.000865	0.145	0.00000966	1.38	2.64	0.0558	0.000143	4.62	0.00131	0.00979	0.00047	0.00022	0.0000794	0.104	0.00000193	0.0000594	0.000826	0.0019	
2033 Jul	0.000251	0.000824	0.126	0.0000101	1.23	2.15	0.0404	0.000145	4.04	0.00122	0.0098	0.000336	0.000207	0.0000673	0.0859	0.00000202	0.0000576	0.000662	0.00191	
2033 Aug	0.000237	0.000869	0.126	0.0000106	1.24	2.13	0.0371	0.000174	4.14	0.00123	0.0101	0.000308	0.00019	0.0000669	0.0854	0.00000213	0.0000597	0.000593	0.00187	
2033 Sep	0.000179	0.000891	0.106	0.0000102	1.17	1.92	0.0234	0.000354	4.13	0.00111	0.0103	0.000165	0.000106	0.0000551	0.0784	0.00000204	0.000069	0.00038	0.00148	
2033 Oct	0.000137	0.000945	0.0943	0.0000098	1.11	1.8	0.0122	0.00052	4.17	0.000998	0.011	0.0000492	0.0000375	0.0000422	0.0734	0.00000196	0.0000811	0.00023	0.00116	
2033 Nov	0.000135	0.000957	0.0942	0.00000985	1.12	1.8	0.0115	0.000537	4.2	0.000998	0.0111	0.000041	0.0000328	0.0000416	0.0736	0.00000197	0.0000827	0.000221	0.00114	
2033 Dec	0.000135	0.000957	0.0942	0.00000985	1.12	1.8	0.0115	0.000537	4.21	0.000999	0.0111	0.000041	0.0000328	0.0000416	0.0737	0.00000197	0.0000827	0.000221	0.00114	
2034 Jan	0.000135	0.000957	0.0942	0.00000985	1.12	1.8	0.0115	0.000537	4.21	0.000999	0.0111	0.000041	0.0000328	0.0000416	0.0737	0.00000197	0.0000827	0.000221	0.00114	

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Feb	0.000135	0.000957	0.0942	0.00000986	1.12	1.8	0.0115	0.000537	4.21	0.000999	0.0111	0.000041	0.0000328	0.0000416	0.0737	0.00000197	0.0000827	0.000221	0.00114	
2034 Mar	0.000135	0.000958	0.0942	0.00000986	1.12	1.8	0.0115	0.000537	4.21	0.000999	0.0111	0.000041	0.0000328	0.0000416	0.0737	0.00000197	0.0000827	0.000222	0.00114	
2034 Apr	0.000136	0.000963	0.0947	0.00000991	1.12	1.81	0.0115	0.00054	4.23	0.001	0.0112	0.0000413	0.000033	0.0000418	0.0741	0.00000198	0.0000832	0.000223	0.00115	
2034 May	0.000231	0.00103	0.121	0.0000101	1.32	2.35	0.0296	0.000486	4.89	0.00116	0.0114	0.000208	0.0000692	0.0000584	0.0944	0.00000202	0.000083	0.000421	0.00129	
2034 Jun	0.000367	0.000919	0.154	0.00000982	1.47	2.85	0.0608	0.000163	4.97	0.00137	0.0101	0.000513	0.000218	0.0000844	0.112	0.00000196	0.0000626	0.000868	0.00189	
2034 Jul	0.000228	0.000827	0.121	0.0000101	1.18	2.03	0.0357	0.000157	3.92	0.00118	0.00973	0.000298	0.000187	0.0000634	0.0812	0.00000203	0.000057	0.000583	0.00182	
2034 Aug	0.000228	0.000884	0.125	0.0000108	1.24	2.1	0.0352	0.000187	4.16	0.00123	0.0103	0.000292	0.000183	0.000066	0.0844	0.00000216	0.0000607	0.000564	0.00186	
2034 Sep	0.000179	0.00092	0.109	0.0000103	1.18	1.94	0.0227	0.00037	4.18	0.00111	0.0107	0.00016	0.000104	0.0000535	0.0788	0.00000207	0.000072	0.000381	0.00149	
2034 Oct	0.000142	0.000949	0.0964	0.0000099	1.12	1.82	0.0132	0.000508	4.18	0.00101	0.011	0.0000601	0.0000444	0.0000432	0.0742	0.00000198	0.0000808	0.000247	0.0012	
2034 Nov	0.000141	0.000955	0.0965	0.00000993	1.13	1.82	0.0129	0.000515	4.21	0.00101	0.0111	0.0000569	0.0000426	0.000043	0.0744	0.00000199	0.0000815	0.000244	0.00119	
2034 Dec	0.000141	0.000956	0.0965	0.00000994	1.13	1.82	0.0129	0.000516	4.21	0.00102	0.0111	0.0000569	0.0000426	0.0000431	0.0744	0.00000199	0.0000816	0.000244	0.00119	
2035 Jan	0.000141	0.000956	0.0965	0.00000994	1.13	1.82	0.0129	0.000516	4.21	0.00102	0.0111	0.0000569	0.0000426	0.0000431	0.0744	0.00000199	0.0000816	0.000244	0.00119	
2035 Feb	0.000141	0.000956	0.0965	0.00000994	1.13	1.82	0.0129	0.000516	4.21	0.00102	0.0111	0.0000569	0.0000426	0.0000431	0.0744	0.00000199	0.0000816	0.000244	0.00119	
2035 Mar	0.000141	0.000956	0.0965	0.00000994	1.13	1.83	0.0129	0.000516	4.21	0.00102	0.0111	0.000057	0.0000426	0.0000431	0.0745	0.00000199	0.0000816	0.000244	0.00119	
2035 Apr	0.000142	0.000961	0.097	0.00000999	1.13	1.83	0.013	0.000518	4.23	0.00102	0.0112	0.0000572	0.0000428	0.0000433	0.0748	0.000002	0.000082	0.000245	0.0012	
2035 May	0.000178	0.000999	0.108	0.0000102	1.22	2.05	0.0197	0.000507	4.53	0.00109	0.0114	0.000118	0.000056	0.0000499	0.0833	0.00000204	0.0000832	0.00032	0.00126	
2035 Jun	0.000172	0.00068	0.101	0.00000969	1.02	1.62	0.0273	0.000124	3.16	0.00108	0.00913	0.000212	0.000217	0.0000533	0.0653	0.00000194	0.0000528	0.000583	0.00197	
2035 Jul	0.000119	0.000663	0.0901	0.0000101	0.93	1.32	0.0177	0.00012	2.81	0.00103	0.0092	0.000131	0.00021	0.0000462	0.0542	0.00000202	0.0000516	0.000477	0.00199	
2035 Aug	0.000115	0.000723	0.0875	0.0000103	0.998	1.41	0.0154	0.000222	3.22	0.00104	0.00923	0.000101	0.000152	0.0000493	0.0593	0.00000207	0.0000555	0.000349	0.00174	
2035 Sep	0.000118	0.000857	0.0862	0.00000991	1.07	1.62	0.011	0.00045	3.86	0.000992	0.0101	0.0000404	0.0000561	0.0000444	0.0676	0.00000198	0.000072	0.000211	0.00126	
2035 Oct	0.000124	0.000927	0.0898	0.00000985	1.09	1.72	0.00997	0.000524	4.08	0.000986	0.0108	0.0000272	0.0000339	0.0000413	0.0709	0.00000197	0.0000801	0.0002	0.00115	
2035 Nov	0.000124	0.000935	0.09	0.00000975	1.09	1.73	0.00964	0.000537	4.1	0.000976	0.0109	0.0000238	0.0000283	0.0000402	0.0711	0.00000195	0.0000814	0.000196	0.00112	
2035 Dec	0.000124	0.000936	0.09	0.00000976	1.09	1.73	0.00965	0.000537	4.1	0.000976	0.0109	0.0000238	0.0000283	0.0000402	0.0711	0.00000195	0.0000814	0.000196	0.00112	
2036 Jan	0.000124	0.000936	0.09	0.00000976	1.09	1.73	0.00965	0.000537	4.1	0.000976	0.0109	0.0000238	0.0000283	0.0000402	0.0711	0.00000195	0.0000814	0.000196	0.00112	
2036 Feb	0.000124	0.000936	0.09	0.00000976	1.09	1.73	0.00965	0.000537	4.1	0.000976	0.0109	0.0000238	0.0000283	0.0000402	0.0711	0.00000195	0.0000814	0.000196	0.00112	
2036 Mar	0.000124	0.000936	0.09	0.00000976	1.09	1.73	0.00965	0.000537	4.1	0.000976	0.0109	0.0000238	0.0000283	0.0000402	0.0711	0.00000195	0.0000814	0.000196	0.00112	
2036 Apr	0.000134	0.000949	0.0931	0.00000981	1.12	1.8	0.0114	0.000538	4.2	0.000996	0.011	0.0000322	0.0000303	0.0000412	0.0736	0.00000196	0.000082	0.000214	0.00113	
2036 May	0.000169	0.000997	0.104	0.00001	1.21	2.02	0.0175	0.00054	4.53	0.00107	0.0113	0.0000657	0.000038	0.0000453	0.0822	0.00000201	0.0000842	0.000277	0.00117	
2036 Jun	0.000152	0.000701	0.0966	0.00000986	1.01	1.55	0.0228	0.000171	3.17	0.00106	0.00941	0.000164	0.000199	0.0000496	0.0631	0.00000197	0.0000563	0.000524	0.00191	
2036 Jul	0.000108	0.000687	0.0888	0.0000101	0.915	1.28	0.0151	0.000136	2.84	0.00101	0.00919	0.000113	0.000187	0.0000445	0.0527	0.00000203	0.0000516	0.000408	0.00187	
2036 Aug	0.000113	0.000746	0.0928	0.0000107	0.977	1.37	0.0151	0.000172	3.11	0.00105	0.00962	0.000111	0.000173	0.0000474	0.0568	0.00000213	0.0000549	0.000377	0.00186	
2036 Sep	0.000114	0.000796	0.0897	0.0000104	1.02	1.48	0.0132	0.000293	3.46	0.00103	0.0098	0.0000791	0.000121	0.000047	0.0617	0.00000208	0.000062	0.000296	0.0016	
2036 Oct	0.000121	0.000889	0.0908	0.0000101	1.07	1.64	0.011	0.000445	3.87	0.001	0.0106	0.0000459	0.0000652	0.0000426	0.0677	0.00000201	0.0000746	0.000239	0.00131	
2036 Nov	0.000122	0.000901	0.0909	0.00001	1.07	1.66	0.0107	0.000465	3.92	0.000997	0.0107	0.0000414	0.0000577	0.000042	0.0685	0.000002	0.0000762	0.000231	0.00127	
2036 Dec	0.000122	0.000904	0.0909	0.00000998	1.07	1.67	0.0107	0.00047	3.93	0.000995	0.0107	0.00004	0.0000555	0.0000418	0.0686	0.000002	0.0000767	0.000229	0.00126	
2037 Jan	0.000122	0.000904	0.0909	0.00000998	1.07	1.67	0.0107	0.00047	3.93	0.000995	0.0107	0.00004	0.0000555	0.0000418	0.0687	0.000002	0.0000767	0.000229	0.00126	
2037 Feb	0.000122	0.000904	0.0909	0.00000998	1.07	1.67	0.0107	0.00047	3.94	0.000995	0.0107	0.0000401	0.0000555	0.0000418	0.0687	0.000002	0.0000767	0.000229	0.00126	
2037 Mar	0.000122	0.000906	0.091	0.00001	1.07	1.67	0.0107	0.000471	3.94	0.000996	0.0107	0.0000401	0.0000556	0.0000419	0.0687	0.000002	0.0000768	0.000229	0.00126	
2037 Apr	0.000123	0.000909	0.0913	0.00001	1.08	1.67	0.0107	0.000472	3.95	0.001	0.0108	0.0000402	0.0000558	0.000042	0.069	0.00000201	0.000077	0.00023	0.00127	
2037 May	0.00038	0.00108	0.16	0.00001	1.58	3.12	0.0592	0.000339	5.71	0.00139	0.0111	0.000487	0.000141	0.000085	0.123	0.00000201	0.0000762	0.000752	0.00154	
2037 Jun	0.000365	0.000904	0.153	0.0000097	1.45	2.82	0.0607	0.000152	4.9	0.00136	0.00998	0.000513	0.00022	0.000084	0.111	0.00000194	0.0000612	0.000869	0.00189	
2037 Jul	0.000276	0.000855	0.133	0.0000102	1.29	2.32	0.0448	0.00015	4.27	0.00127	0.01	0.000374	0.000213	0.0000715	0.0921	0.00000205	0.0000595	0.000712	0.00194	
2037 Aug	0.000259	0.000885	0.131	0.0000106	1.3	2.27	0.041	0.000186	4.35	0.00127	0.0103	0.000338	0.000194	0.0000708	0.091	0.00000213	0.0000614	0.000638	0.00189	
2037 Sep	0.000235	0.000909	0.124	0.0000107	1.29	2.2	0.0352	0.000264	4.4	0.00124	0.0105	0.000278	0.000161	0.0000667	0.0888	0.00000214	0.0000662	0.000549	0.00176	
2037 Oct	0.000183	0.000936	0.109	0.0000103	1.2	1.99	0.0228	0.000409	4.3	0.00111	0.0108	0.000154	0.0000935	0.0000535	0.081	0.00000205	0.0000751	0.000379	0.00144	
2037 Nov	0.000178	0.000943	0.107	0.0000102	1.19	1.98	0.0214	0.000428	4.31	0.0011	0.0109	0.00014	0.0000856	0.0000521	0.0804	0.00000205	0.0000764	0.000359	0.0014	
2037 Dec	0.000178	0.000943	0.107	0.0000102	1.19	1.98	0.0214	0.000429	4.31	0.0011	0.0109	0.00014	0.0000856	0.0000521	0.0804	0.00000205	0.0000765	0.000359	0.0014	
2038 Jan	0.000178	0.000943	0.107	0.0000102	1.19	1.98	0.0214	0.000429	4.31	0.0011	0.0109	0.00014	0.0000856	0.0000521	0.0804	0.00000205	0.0000765	0.000359	0.0014	
2038 Feb	0.000178	0.000943	0.107	0.0000102	1.19	1.98	0.0214	0.000429	4.31	0.0011	0.0109	0.00014	0.0000856	0.0000521	0.0805	0.00000205	0.0000765	0.000359	0.0014	
2038 Mar	0.000178	0.000944	0.107	0.0000102	1.19	1.98	0.0214	0.000429	4.31	0.0011	0.0109	0.00014	0.0000856	0.0000521	0.0805	0.00000205	0.0000765	0.00036	0.0014	
2038 Apr	0.000178	0.000946	0.107	0.0000103	1.2	1.99	0.0215	0.00043	4.33	0.00111	0.011	0.00014	0.0000859	0.0000523	0.0807	0.00000206	0.0000768	0.000361	0.00141	
2038 May	0.000277	0.00102	0.134	0.0000103	1.4	2.55	0.0398	0.000388	5.03	0.00126	0.0112	0.000308	0.000116	0.0000688	0.102	0.00000207	0.0000773	0.000557	0.00151	
2038 Jun	0.000385	0.000942	0.159	0.00000992	1.51	2.97	0.064	0.000162	5.14	0.00141	0.0103	0.000542	0.000222	0.0000876	0.117	0.00000198	0.0000634	0.000901	0.00191	
2038 Jul	0.000326	0.000916	0.148	0.0000107	1.43	2.64	0.0536	0.000159	4.74	0.00138	0.0106	0.000448	0.000234	0.0000804	0.105	0.00000213	0.0000639	0.000828	0.00207	
2038 Aug	0.00029	0.000931	0.139	0.000011	1.41	2.5	0.0461	0.000223	4.75	0.00136	0.0107	0.000374	0.000198	0.0000777	0.101	0.0000022	0.0000659	0.000695	0.00195	
2038 Sep	0.000243	0.000935	0.125	0.0000108	1.34	2.29	0.0359	0.000318	4.62	0.00126	0.0107	0.000274	0.000148	0.0000686	0.0931	0.00000216	0.0000702	0.000545	0.00172	
2038 Oct	0.000204	0.000951	0.114	0.0000105	1.26	2.13	0.0268	0.000407	4.5	0.00117	0.011	0.000186	0.000104	0.0000586	0.0864	0.0000021	0.0000757	0.000424	0.0015	
2038 Nov	0.000201	0.000955	0.113	0.0000105	1.26	2.12	0.0262	0.000415	4.5	0.00117	0.011	0.00018	0.000101	0.000058	0.0862	0.0000021	0.0000764	0.000417	0.00149	
2038 Dec	0.000201	0.000955	0.113	0.0000105	1.26	2.12	0.0262	0.000415	4.51	0.00117	0.011	0.00018	0.000101	0.000058	0.0862	0.0000021	0.0000764	0.000417	0.00149	
2039 Jan	0.000201	0.000955	0.113	0.0000105	1.26	2.12	0.0262	0.000415	4.51	0.00117	0.011	0.00018	0.000101	0.000058	0.0862	0.0000021	0.0000764	0.000417	0.00149	2.19E-08
2039 Feb	0.000201	0.000955	0.113	0.0000105	1.26	2.12	0.0262	0.000415	4.51	0.00117	0.011	0.00018	0.000101	0.000058	0.0862	0.0000021	0.0000764	0.000417	0.00149	5.93E-08
2039 Mar	0.000202	0.000956	0.113	0.0000105	1.26	2.12	0.0262	0.000416	4.52	0.00117	0.011	0.00018	0.000101	0.0000581	0.0863	0.0000021	0.0000765	0.000417	0.00149	8.24E-08
2039 Apr	0.000202	0.000959	0.114	0.0000105	1.27	2.13	0.0263	0.000417	4.53	0.00117	0.0111	0.000181	0.000101	0.0000583	0.0866	0.00000211	0.0000767	0.000418	0.0015	0.000000083
2039 May	0.000207	0.000976	0.116	0.0000107	1.29	2.17	0.027	0.000423	4.62	0.00119	0.0112	0.000187	0.000103	0.0000595	0.0884	0.00000214	0.000078	0.000429	0.00153	8.42E-08
2039 Jun	0.000125	0.000749	0.0801	0.00000917	1.12	1.84	0.019	0.000235	9.23	0.00129	0.00885	0.000112	0.000234	0.0000647	0.0634	0.00000218	0.000101	0.000463	0.00187	0.0000864
2039 Jul	0.00011	0.00081	0.0794	0.0000091	1.1	1.81	0.0154	0.000236	9.84	0.00127	0.00858	0.0000988	0.00019	0.0000643	0.061	0.0000022	0.000101	0.000313	0.0016	0.0000945
2039 Aug	0.000111	0.000904	0.0873	0.00000979	1.12	1.78	0.0132	0.000283	8.31	0.0012	0.00902	0.0000948	0.000116	0.0000612	0.0642	0.00000222	0.0000898	0.000167	0.00133	0.0000672
2039 Sep	0.000116	0.000928	0.0893	0.00001	1.14	1.81	0.0128	0.000341	7.69	0.00119	0.00954	0.0000818	0.0001	0.0000591	0.0672	0.00000223	0.0000899	0.000169	0.00131	0.0000556

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Oct	0.000119	0.00094	0.0901	0.00001	1.14	1.81	0.0121	0.000391	6.97	0.00115	0.00993	0.0000686	0.0000832	0.000055	0.0686	0.00000218	0.0000891	0.000175	0.00127	0.0000439
2039 Nov	0.000119	0.000943	0.0904	0.00001	1.14	1.82	0.0121	0.000393	6.98	0.00115	0.00997	0.0000686	0.0000831	0.0000551	0.0688	0.00000218	0.0000894	0.000176	0.00127	0.0000438
2039 Dec	0.000119	0.000943	0.0905	0.00001	1.14	1.82	0.0121	0.000393	6.99	0.00115	0.00998	0.0000686	0.0000832	0.0000551	0.0689	0.00000218	0.0000894	0.000176	0.00127	0.0000438
2040 Jan	0.000119	0.000943	0.0905	0.00001	1.14	1.82	0.0121	0.000393	6.99	0.00115	0.00998	0.0000686	0.0000832	0.0000551	0.0689	0.00000218	0.0000894	0.000176	0.00127	0.0000438
2040 Feb	0.000119	0.000943	0.0905	0.00001	1.14	1.82	0.0121	0.000393	6.99	0.00115	0.00998	0.0000686	0.0000832	0.0000551	0.0689	0.00000218	0.0000894	0.000176	0.00127	0.0000438
2040 Mar	0.000119	0.000944	0.0906	0.0000101	1.14	1.82	0.0121	0.000393	6.99	0.00115	0.00999	0.0000687	0.0000833	0.0000552	0.0689	0.00000219	0.0000895	0.000176	0.00127	0.0000439
2040 Apr	0.00012	0.000947	0.0908	0.0000101	1.15	1.82	0.0122	0.000395	7.02	0.00116	0.01	0.0000689	0.0000835	0.0000554	0.0692	0.00000219	0.0000898	0.000176	0.00128	0.000044
2040 May	0.000192	0.001	0.11	0.0000102	1.3	2.25	0.0255	0.000377	7.57	0.00128	0.0103	0.000188	0.000107	0.0000673	0.0852	0.00000221	0.0000919	0.000329	0.00137	0.0000443
2040 Jun	0.00021	0.00115	0.0698	0.0000066	1.93	4.07	0.0361	0.000524	32.5	0.0024	0.00784	0.000185	0.000357	0.000145	0.107	0.00000287	0.000274	0.000504	0.00159	0.000404
2040 Jul	0.00016	0.00114	0.0602	0.0000071	1.86	3.79	0.027	0.000526	32.1	0.00236	0.00805	0.000106	0.000354	0.000139	0.0971	0.00000296	0.000274	0.000416	0.00165	0.000403
2040 Aug	0.00015	0.00109	0.0688	0.00000812	1.69	3.28	0.0234	0.000484	25.6	0.00207	0.00853	0.0000998	0.000283	0.000119	0.0905	0.00000281	0.000225	0.000341	0.00157	0.00031
2040 Sep	0.000139	0.00103	0.0722	0.00000874	1.54	2.83	0.0196	0.000493	19.6	0.00178	0.00887	0.0000764	0.000209	0.0000999	0.0853	0.0000026	0.000182	0.000277	0.00145	0.000222
2040 Oct	0.00014	0.00104	0.0755	0.00000889	1.5	2.74	0.0182	0.000524	17.8	0.00169	0.00936	0.0000661	0.000182	0.0000924	0.085	0.00000253	0.000173	0.000266	0.00139	0.000197
2040 Nov	0.000141	0.00105	0.0759	0.00000891	1.5	2.75	0.0182	0.000529	17.9	0.00169	0.00942	0.0000655	0.000181	0.0000925	0.0854	0.00000253	0.000174	0.000266	0.00138	0.000197
2040 Dec	0.000141	0.00105	0.0759	0.00000892	1.5	2.75	0.0183	0.000529	17.9	0.00169	0.00942	0.0000655	0.000181	0.0000925	0.0855	0.00000253	0.000174	0.000266	0.00138	0.000197
2041 Jan	0.000141	0.00105	0.0759	0.00000892	1.5	2.75	0.0183	0.000529	17.9	0.00169	0.00942	0.0000655	0.000182	0.0000925	0.0855	0.00000253	0.000174	0.000266	0.00138	0.000197
2041 Feb	0.000141	0.00105	0.0759	0.00000892	1.5	2.75	0.0183	0.00053	17.9	0.00169	0.00942	0.0000655	0.000182	0.0000925	0.0855	0.00000253	0.000174	0.000266	0.00138	0.000197
2041 Mar	0.000141	0.00105	0.076	0.00000892	1.51	2.76	0.0183	0.00053	17.9	0.00169	0.00943	0.0000656	0.000182	0.0000926	0.0855	0.00000253	0.000174	0.000267	0.00139	0.000197
2041 Apr	0.000141	0.00105	0.0762	0.00000895	1.51	2.76	0.0183	0.000531	17.9	0.0017	0.00945	0.0000658	0.000182	0.0000928	0.0858	0.00000254	0.000174	0.000267	0.00139	0.000198
2041 May	0.000172	0.00107	0.0855	0.00000907	1.57	2.91	0.0238	0.00052	17.8	0.00173	0.00965	0.000117	0.000188	0.0000966	0.0922	0.00000254	0.000172	0.000329	0.00143	0.000192
2041 Jun	0.000164	0.00108	0.0632	0.00000718	1.77	3.59	0.0272	0.000507	28.5	0.00221	0.00821	0.000114	0.000328	0.000129	0.0941	0.00000275	0.000254	0.000425	0.00161	0.000364
2041 Jul	0.000156	0.00116	0.0606	0.00000702	1.85	3.81	0.0256	0.000542	31.4	0.00233	0.00832	0.000101	0.000321	0.000137	0.0958	0.00000285	0.00028	0.000338	0.00146	0.000408
2041 Aug	0.000151	0.00114	0.0686	0.00000805	1.75	3.44	0.0232	0.000519	26.5	0.00212	0.00883	0.0000967	0.000271	0.000123	0.0924	0.00000279	0.000242	0.000293	0.00145	0.000333
2041 Sep	0.000143	0.00109	0.0725	0.00000865	1.62	3.05	0.0202	0.000524	21.4	0.00188	0.00917	0.0000785	0.000214	0.000107	0.0884	0.00000264	0.000204	0.000255	0.00139	0.000256
2041 Oct	0.00014	0.00106	0.0776	0.00000895	1.5	2.76	0.0176	0.000543	17.3	0.00167	0.00975	0.0000632	0.000166	0.0000906	0.0851	0.00000248	0.000176	0.000242	0.00131	0.000195
2041 Nov	0.000141	0.00107	0.0781	0.00000898	1.5	2.77	0.0175	0.000549	17.3	0.00167	0.00984	0.0000622	0.000165	0.0000904	0.0855	0.00000248	0.000177	0.000243	0.00131	0.000194
2041 Dec	0.000141	0.00107	0.0782	0.00000898	1.5	2.77	0.0175	0.00055	17.3	0.00167	0.00984	0.0000623	0.000165	0.0000904	0.0856	0.00000248	0.000177	0.000243	0.00131	0.000194
2042 Jan	0.000141	0.00107	0.0782	0.00000898	1.5	2.77	0.0175	0.00055	17.3	0.00167	0.00985	0.0000623	0.000165	0.0000904	0.0856	0.00000248	0.000177	0.000243	0.00131	0.000194
2042 Feb	0.000141	0.00107	0.0782	0.00000898	1.5	2.77	0.0175	0.00055	17.3	0.00167	0.00985	0.0000623	0.000165	0.0000904	0.0856	0.00000248	0.000177	0.000243	0.00131	0.000194
2042 Mar	0.000141	0.00107	0.0782	0.00000899	1.51	2.77	0.0176	0.00055	17.3	0.00167	0.00985	0.0000623	0.000165	0.0000905	0.0857	0.00000249	0.000177	0.000243	0.00131	0.000194
2042 Apr	0.000142	0.00108	0.0787	0.00000904	1.51	2.79	0.0177	0.000553	17.4	0.00168	0.00991	0.0000627	0.000166	0.000091	0.0862	0.0000025	0.000178	0.000244	0.00132	0.000196
2042 May	0.000176	0.00111	0.0896	0.0000093	1.58	2.96	0.0236	0.000544	17.2	0.00172	0.0102	0.000118	0.000173	0.0000953	0.0937	0.00000252	0.000175	0.000313	0.00138	0.000188
2042 Jun	0.00017	0.00106	0.0711	0.00000773	1.71	3.41	0.0277	0.000478	24.9	0.00208	0.00899	0.000131	0.000307	0.00012	0.0923	0.00000263	0.000234	0.000439	0.00163	0.000319
2042 Jul	0.000143	0.00105	0.0686	0.00000788	1.62	3.17	0.0226	0.000442	23.8	0.00199	0.00891	0.000104	0.000281	0.000114	0.0846	0.00000261	0.000224	0.000339	0.00153	0.000306
2042 Aug	0.000149	0.00111	0.0581	0.0000074	1.79	3.57	0.0231	0.000598	27.3	0.00216	0.00879	0.0000724	0.000256	0.000129	0.0949	0.00000266	0.000257	0.000259	0.00129	0.000358
2042 Sep	0.000155	0.00114	0.0597	0.00000739	1.82	3.67	0.0231	0.000646	27.5	0.00218	0.00938	0.0000656	0.000251	0.000129	0.0976	0.00000266	0.000265	0.00027	0.00127	0.000362
2042 Oct	0.000164	0.00121	0.0614	0.00000709	1.9	3.93	0.0245	0.000682	29.9	0.0023	0.01	0.0000711	0.000275	0.000134	0.101	0.00000271	0.000289	0.000308	0.00128	0.000401
2042 Nov	0.000165	0.00121	0.0617	0.00000712	1.91	3.95	0.0246	0.000685	30	0.00231	0.0101	0.0000714	0.000276	0.000135	0.102	0.00000272	0.000291	0.00031	0.00128	0.000403
2042 Dec	0.000165	0.00121	0.0617	0.00000712	1.91	3.95	0.0246	0.000685	30.1	0.00231	0.0101	0.0000714	0.000276	0.000135	0.102	0.00000273	0.000291	0.00031	0.00129	0.000403
2043 Jan	0.000165	0.00121	0.0617	0.00000712	1.91	3.95	0.0246	0.000685	30.1	0.00231	0.0101	0.0000714	0.000276	0.000135	0.102	0.00000273	0.000291	0.00031	0.00129	0.000403
2043 Feb	0.000165	0.00121	0.0617	0.00000712	1.91	3.95	0.0246	0.000685	30.1	0.00231	0.0101	0.0000714	0.000276	0.000135	0.102	0.00000273	0.000291	0.00031	0.00129	0.000403
2043 Mar	0.000165	0.00121	0.0617	0.00000713	1.91	3.95	0.0246	0.000686	30.1	0.00231	0.0101	0.0000714	0.000276	0.000135	0.102	0.00000273	0.000291	0.00031	0.00129	0.000403
2043 Apr	0.000166	0.00122	0.0621	0.00000717	1.92	3.98	0.0248	0.00069	30.2	0.00232	0.0101	0.0000718	0.000278	0.000136	0.103	0.00000274	0.000292	0.000312	0.00129	0.000405
2043 May	0.000217	0.00125	0.0791	0.00000752	1.99	4.16	0.0338	0.000659	29.2	0.00235	0.0105	0.000159	0.000284	0.00014	0.113	0.00000274	0.000282	0.000416	0.00137	0.000383
2043 Jun	0.000193	0.0011	0.0712	0.00000726	1.86	3.86	0.033	0.000499	28.3	0.0023	0.0102	0.000166	0.000348	0.000137	0.0997	0.00000267	0.000272	0.000495	0.00166	0.000384
2043 Jul	0.00016	0.00106	0.0743	0.0000084	1.68	3.3	0.0261	0.000439	23.4	0.00207	0.0105	0.000127	0.000315	0.000118	0.0886	0.00000266	0.000232	0.000435	0.00175	0.00031
2043 Aug	0.000153	0.00104	0.0783	0.00000916	1.61	3.02	0.0235	0.00045	19.9	0.00191	0.0106	0.000111	0.000262	0.000108	0.0871	0.00000263	0.000202	0.000371	0.00168	0.000252
2043 Sep	0.000141	0.000991	0.0791	0.00000949	1.47	2.62	0.0194	0.00047	15.2	0.00165	0.0103	0.0000834	0.000191	0.0000908	0.0826	0.00000246	0.000163	0.000295	0.00152	0.000177
2043 Oct	0.000145	0.00104	0.0801	0.00000914	1.48	2.71	0.0182	0.000544	15.4	0.00162	0.0108	0.0000666	0.000166	0.0000871	0.0847	0.00000239	0.000171	0.000279	0.00137	0.00018
2043 Nov	0.000149	0.00108	0.0796	0.00000882	1.51	2.84	0.018	0.000596	16.4	0.00165	0.0112	0.000058	0.000159	0.0000881	0.0872	0.00000237	0.000183	0.000273	0.00128	0.000196
2043 Dec	0.000149	0.00108	0.0796	0.00000882	1.51	2.84	0.018	0.000596	16.4	0.00165	0.0112	0.0000581	0.000159	0.0000881	0.0872	0.00000237	0.000184	0.000273	0.00128	0.000196
2044 Jan	0.000149	0.00108	0.0796	0.00000882	1.51	2.84	0.018	0.000596	16.4	0.00166	0.0112	0.0000581	0.000159	0.0000881	0.0872	0.00000237	0.000184	0.000273	0.00128	0.000196
2044 Feb	0.000149	0.00108	0.0797	0.00000882	1.51	2.84	0.018	0.000596	16.4	0.00166	0.0112	0.0000581	0.00016	0.0000882	0.0873	0.00000237	0.000184	0.000273	0.00128	0.000196
2044 Mar	0.000149	0.00108	0.0798	0.00000883	1.51	2.85	0.018	0.000597	16.4	0.00166	0.0112	0.0000582	0.00016	0.0000883	0.0873	0.00000237	0.000184	0.000273	0.00128	0.000197
2044 Apr	0.00015	0.00109	0.08	0.00000886	1.52	2.85	0.0181	0.000598	16.5	0.00166	0.0112	0.0000583	0.00016	0.0000885	0.0876	0.00000238	0.000184	0.000274	0.00128	0.000197
2044 May	0.000161	0.00111	0.084	0.00000904	1.55	2.94	0.02	0.000603	16.6	0.0017	0.0114	0.0000746	0.000164	0.0000909	0.0907	0.00000241	0.000186	0.000296	0.00132	0.000198
2044 Jun	0.000172	0.00105	0.0686	0.00000752	1.75	3.58	0.0289	0.000477	25.6	0.00218	0.0112	0.000136	0.000335	0.000127	0.0925	0.00000258	0.000256	0.000466	0.00168	0.000358
2044 Jul	0.000157	0.00103	0.0737	0.00000853	1.67	3.26	0.0258	0.00043	22.5	0.00206	0.0117	0.000122	0.000327	0.000117	0.0871	0.00000263	0.000231	0.000464	0.00183	0.000309
2044 Aug	0.000159	0.00107	0.0791	0.0000093	1.69	3.23	0.0254	0.000452	21.4	0.00205	0.012	0.000119	0.000309	0.000116	0.0897	0.00000272	0.000223	0.000442	0.00186	0.000288
2044 Sep	0.000134	0.000959	0.079	0.00000951	1.38	2.4	0.017	0.000489	12.4	0.00149	0.0108	0.0000635	0.000154	0.0000799	0.0794	0.00000232	0.000145	0.000269	0.00143	0.000139
2044 Oct	0.000145	0.00104	0.079	0.00000898	1.47	2.7	0.0178	0.000561	15	0.0016	0.0115	0.0000605	0.000158	0.0000856	0.0845	0.00000232	0.000172	0.000274	0.00132	0.00018
2044 Nov	0.000147	0.00105	0.0792	0.00000892	1.49	2.77	0.018	0.000575	15.5	0.00163	0.0117	0.0000604	0.00016	0.000087	0.0857	0.00000233	0.000178	0.000276	0.00131	0.000188
2044 Dec	0.000147	0.00105	0.0792	0.00000892	1.49	2.77	0.018	0.000575	15.5	0.00163	0.0117	0.0000604	0.00016	0.000087	0.0857	0.00000234	0.000178	0.000276	0.00131	0.000188
2045 Jan	0.000147	0.00105	0.0792	0.00000892	1.49	2.77	0.018	0.000575	15.5	0.00163	0.0117	0.0000604	0.00016	0.000087	0.0857	0.00000234	0.000178	0.000276	0.00131	0.000188
2045 Feb	0.000147	0.00105	0.0792	0.00000892	1.49	2.77	0.018	0.000575	15.5	0.00163	0.0117	0.0000604	0.00016	0.000087	0.0857	0.00000234	0.000178	0.000276	0.00131	0.000188
2045 Mar	0.000147	0.00105	0.0793	0.00000893	1.49	2.77	0.0181	0.000575	15.5	0.00163	0.0117	0.0000605	0.00016	0.0000871	0.0858	0.00000234	0.000178	0.000276	0.00131	0.000188
2045 Apr	0.000147	0.00106	0.0795	0.00000895	1.49	2.78	0.0181	0.000577	15.5	0.00163	0.0117	0.0000606	0.000161	0.0000873	0.086	0.00000234	0.000178	0.000277	0.00131	0.000189
2045 May	0.00015	0.00107	0.0809	0.00000911	1.52	2.82	0.0184	0.000587	15.8	0.00166	0.0119	0.0000617	0.000163	0.0000888	0.0875	0.00000238	0.000182	0.000282	0.00134	0.000192

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Jun	0.000155	0.00103	0.0702	0.00000809	1.64	3.26	0.0248	0.000476	21.8	0.00202	0.0121	0.000106	0.0003	0.000115	0.0872	0.00000249	0.00023	0.000425	0.00166	0.000311
2045 Jul	0.000153	0.00101	0.0753	0.00000866	1.6	3.12	0.0249	0.00041	20.4	0.00199	0.0123	0.000121	0.000313	0.000112	0.0845	0.00000254	0.000216	0.000448	0.0018	0.00029
2045 Aug	0.000148	0.001	0.0788	0.00000929	1.54	2.88	0.0226	0.00042	17.6	0.00185	0.012	0.000109	0.000264	0.000103	0.0833	0.00000252	0.00019	0.000384	0.00172	0.000238
2045 Sep	0.000138	0.000969	0.08	0.00000955	1.43	2.54	0.019	0.000451	13.7	0.00161	0.0114	0.0000824	0.000194	0.0000873	0.0801	0.00000238	0.000157	0.000311	0.00155	0.00017
2045 Oct	0.000139	0.000979	0.0819	0.00000967	1.41	2.49	0.0183	0.000466	13	0.00157	0.0115	0.0000773	0.00018	0.0000838	0.0802	0.00000237	0.000152	0.000303	0.00152	0.000156
2045 Nov	0.000139	0.000982	0.0821	0.0000097	1.41	2.5	0.0183	0.000467	13	0.00157	0.0116	0.0000776	0.000181	0.000084	0.0804	0.00000238	0.000152	0.000304	0.00153	0.000156
2045 Dec	0.000139	0.000982	0.0822	0.00000971	1.42	2.5	0.0183	0.000468	13	0.00157	0.0116	0.0000776	0.000181	0.0000841	0.0805	0.00000238	0.000152	0.000304	0.00153	0.000157
2046 Jan	0.000139	0.000982	0.0822	0.00000971	1.42	2.5	0.0183	0.000468	13	0.00157	0.0116	0.0000776	0.000181	0.0000841	0.0805	0.00000238	0.000152	0.000304	0.00153	0.000157
2046 Feb	0.000139	0.000983	0.0822	0.00000971	1.42	2.5	0.0183	0.000468	13	0.00157	0.0116	0.0000776	0.000181	0.0000841	0.0805	0.00000238	0.000152	0.000304	0.00153	0.000157
2046 Mar	0.00014	0.000984	0.0823	0.00000972	1.42	2.51	0.0184	0.000468	13	0.00158	0.0116	0.0000777	0.000181	0.0000842	0.0806	0.00000238	0.000153	0.000305	0.00153	0.000157
2046 Apr	0.00014	0.000989	0.0828	0.00000978	1.43	2.52	0.0185	0.000471	13.1	0.00158	0.0116	0.0000782	0.000182	0.0000847	0.0811	0.00000239	0.000154	0.000306	0.00154	0.000158
2046 May	0.000161	0.00102	0.0895	0.00000996	1.48	2.64	0.022	0.00047	13.2	0.00162	0.0118	0.000111	0.000187	0.0000878	0.086	0.00000242	0.000153	0.000347	0.00158	0.000155
2046 Jun	0.000179	0.00102	0.0789	0.00000834	1.65	3.29	0.0292	0.00044	20.3	0.00201	0.0131	0.000153	0.000304	0.000115	0.0908	0.00000245	0.000219	0.000477	0.00171	0.000294
2046 Jul	0.000151	0.00102	0.0765	0.00000859	1.57	3.06	0.0239	0.000412	19.3	0.00193	0.0135	0.000121	0.000283	0.000109	0.0835	0.00000246	0.00021	0.000389	0.00165	0.000281
2046 Aug	0.000145	0.00101	0.0799	0.00000925	1.5	2.8	0.0215	0.000419	16.4	0.00178	0.0129	0.000107	0.000234	0.000099	0.082	0.00000245	0.000182	0.000328	0.00159	0.000225
2046 Sep	0.000142	0.001	0.0766	0.00000899	1.47	2.71	0.0189	0.000511	14.9	0.00165	0.0126	0.0000737	0.000176	0.0000912	0.0831	0.00000232	0.000173	0.000267	0.00136	0.000197
2046 Oct	0.000161	0.00111	0.0746	0.00000828	1.67	3.32	0.0225	0.000598	20.2	0.00195	0.0146	0.0000819	0.000225	0.00011	0.0927	0.00000241	0.000228	0.000319	0.00135	0.000293
2046 Nov	0.000166	0.00114	0.0737	0.00000814	1.72	3.48	0.0236	0.000613	21.7	0.00204	0.0151	0.000086	0.000242	0.000116	0.0952	0.00000245	0.000243	0.000333	0.00136	0.00032
2046 Dec	0.000166	0.00114	0.0738	0.00000814	1.73	3.49	0.0237	0.000613	21.7	0.00204	0.0151	0.0000861	0.000242	0.000116	0.0953	0.00000245	0.000243	0.000333	0.00136	0.000321
2047 Jan	0.000166	0.00114	0.0738	0.00000814	1.73	3.49	0.0237	0.000613	21.7	0.00204	0.0151	0.0000861	0.000242	0.000116	0.0953	0.00000245	0.000243	0.000333	0.00136	0.000321
2047 Feb	0.000166	0.00114	0.0738	0.00000814	1.73	3.49	0.0237	0.000613	21.7	0.00204	0.0151	0.0000862	0.000242	0.000116	0.0953	0.00000245	0.000243	0.000333	0.00136	0.000321
2047 Mar	0.000166	0.00114	0.074	0.00000816	1.73	3.49	0.0237	0.000615	21.8	0.00205	0.0151	0.0000864	0.000242	0.000116	0.0955	0.00000246	0.000244	0.000334	0.00137	0.000322
2047 Apr	0.000167	0.00115	0.0742	0.00000818	1.73	3.5	0.0238	0.000617	21.8	0.00205	0.0152	0.0000866	0.000243	0.000117	0.0958	0.00000247	0.000245	0.000335	0.00137	0.000323
2047 May	0.000215	0.00118	0.0878	0.00000828	1.83	3.78	0.033	0.000591	22.1	0.00213	0.0154	0.000171	0.000261	0.000125	0.106	0.00000248	0.000244	0.000437	0.00144	0.000322
2047 Jun	0.000194	0.00101	0.0841	0.00000841	1.66	3.33	0.0326	0.000404	19.4	0.00202	0.0152	0.000186	0.000322	0.000117	0.0925	0.00000242	0.000216	0.000539	0.0018	0.000293
2047 Jul	0.000167	0.000938	0.088	0.00000947	1.47	2.74	0.027	0.000327	14.6	0.00176	0.0139	0.000159	0.000295	0.0000967	0.0815	0.00000241	0.00017	0.000518	0.00195	0.000206
2047 Aug	0.000163	0.000957	0.0901	0.00001	1.47	2.65	0.0253	0.000356	13.4	0.00171	0.0137	0.000145	0.000264	0.0000935	0.0825	0.00000245	0.000159	0.000466	0.0019	0.000181
2047 Sep	0.000145	0.000939	0.0856	0.00000982	1.35	2.34	0.0192	0.000439	10.4	0.00146	0.0125	0.0000915	0.000168	0.0000774	0.079	0.00000227	0.000133	0.000327	0.00154	0.000123
2047 Oct	0.000152	0.00103	0.0829	0.00000913	1.45	2.71	0.0194	0.000537	13.5	0.00161	0.014	0.0000778	0.000169	0.0000855	0.0848	0.00000226	0.000168	0.00031	0.00138	0.00018
2047 Nov	0.000154	0.00105	0.0825	0.00000901	1.48	2.8	0.0196	0.000557	14.3	0.00165	0.0143	0.0000762	0.000172	0.0000879	0.0863	0.00000227	0.000177	0.000309	0.00136	0.000194
2047 Dec	0.000154	0.00105	0.0826	0.00000902	1.48	2.8	0.0196	0.000557	14.3	0.00165	0.0143	0.0000763	0.000172	0.0000879	0.0863	0.00000227	0.000177	0.00031	0.00136	0.000194
2048 Jan	0.000154	0.00105	0.0826	0.00000902	1.48	2.8	0.0196	0.000557	14.3	0.00165	0.0143	0.0000763	0.000172	0.000088	0.0864	0.00000227	0.000177	0.00031	0.00136	0.000194
2048 Feb	0.000155	0.00105	0.0826	0.00000902	1.48	2.8	0.0197	0.000557	14.3	0.00165	0.0143	0.0000763	0.000173	0.000088	0.0864	0.00000228	0.000177	0.00031	0.00136	0.000194
2048 Mar	0.000155	0.00105	0.0826	0.00000902	1.48	2.8	0.0197	0.000557	14.3	0.00165	0.0143	0.0000763	0.000173	0.000088	0.0864	0.00000228	0.000177	0.00031	0.00136	0.000194
2048 Apr	0.000158	0.00106	0.0837	0.00000906	1.5	2.83	0.0202	0.000559	14.3	0.00166	0.0144	0.000079	0.000173	0.0000885	0.0874	0.00000228	0.000177	0.000316	0.00136	0.000195
2048 May	0.000162	0.00108	0.0857	0.00000924	1.53	2.89	0.0209	0.00057	14.6	0.00169	0.0147	0.0000817	0.000177	0.0000902	0.0893	0.00000233	0.000181	0.000324	0.00139	0.000198
2048 Jun	0.000162	0.00101	0.077	0.00000853	1.59	3.12	0.0255	0.000454	18.2	0.00193	0.0165	0.00012	0.000286	0.000108	0.0867	0.00000238	0.000212	0.000442	0.00168	0.000282
2048 Jul	0.000147	0.000952	0.0824	0.00000922	1.44	2.67	0.0228	0.000346	14.6	0.00173	0.0155	0.000127	0.000266	0.0000946	0.0778	0.00000236	0.000174	0.000414	0.00176	0.000217
2048 Aug	0.000135	0.000932	0.0809	0.00000952	1.36	2.39	0.0189	0.000391	11.8	0.00154	0.0137	0.0000966	0.000185	0.0000842	0.0763	0.00000228	0.000144	0.000286	0.00151	0.000158
2048 Sep	0.000138	0.000959	0.0785	0.00000934	1.4	2.49	0.0184	0.000472	12.2	0.00155	0.0141	0.0000777	0.000161	0.0000853	0.0802	0.00000225	0.000152	0.000257	0.00138	0.000164
2048 Oct	0.000151	0.00103	0.0796	0.00000896	1.49	2.8	0.0199	0.000536	14.4	0.00167	0.0157	0.0000789	0.000178	0.0000916	0.0856	0.00000227	0.000179	0.00029	0.00135	0.000207
2048 Nov	0.000155	0.00106	0.0802	0.00000889	1.53	2.91	0.0204	0.000556	15.1	0.00172	0.0163	0.0000799	0.000184	0.0000942	0.0876	0.00000228	0.000188	0.000301	0.00135	0.000221
2048 Dec	0.000155	0.00106	0.0802	0.00000889	1.53	2.91	0.0204	0.000556	15.1	0.00172	0.0163	0.00008	0.000184	0.0000942	0.0876	0.00000229	0.000188	0.000301	0.00135	0.000221
2049 Jan	0.000155	0.00106	0.0802	0.00000889	1.53	2.91	0.0204	0.000557	15.1	0.00172	0.0163	0.00008	0.000184	0.0000942	0.0876	0.00000229	0.000188	0.000301	0.00135	0.000221
2049 Feb	0.000155	0.00106	0.0802	0.00000889	1.53	2.91	0.0205	0.000557	15.1	0.00172	0.0163	0.00008	0.000184	0.0000942	0.0876	0.00000229	0.000188	0.000301	0.00135	0.000221
2049 Mar	0.000155	0.00106	0.0803	0.0000089	1.53	2.91	0.0205	0.000557	15.1	0.00172	0.0164	0.0000801	0.000184	0.0000943	0.0877	0.00000229	0.000188	0.000301	0.00135	0.000221
2049 Apr	0.000156	0.00106	0.0807	0.00000894	1.54	2.93	0.0206	0.00056	15.2	0.00173	0.0164	0.0000804	0.000185	0.0000947	0.0881	0.0000023	0.000189	0.000303	0.00136	0.000222
2049 May	0.000174	0.00109	0.0867	0.00000913	1.58	3.03	0.0236	0.000559	15.3	0.00176	0.0166	0.000108	0.00019	0.0000975	0.0924	0.00000233	0.000189	0.000338	0.00139	0.00022
2049 Jun	0.000176	0.001	0.0788	0.00000835	1.62	3.23	0.0287	0.000427	18.3	0.00198	0.0193	0.00015	0.000305	0.000113	0.089	0.00000234	0.000218	0.000481	0.00172	0.000298
2049 Jul	0.000152	0.000968	0.081	0.00000902	1.49	2.82	0.0239	0.000367	15.4	0.0018	0.0182	0.00013	0.000277	0.0000999	0.0805	0.00000235	0.000188	0.000425	0.00175	0.000243
2049 Aug	0.000154	0.00101	0.0862	0.00000973	1.51	2.79	0.0233	0.000387	14.6	0.00179	0.0179	0.000127	0.000258	0.0000987	0.0828	0.00000245	0.00018	0.000398	0.00176	0.000222
2049 Sep	0.00014	0.000968	0.0853	0.00000975	1.35	2.36	0.0176	0.000458	10.4	0.00147	0.0149	0.0000798	0.000158	0.0000767	0.0786	0.00000225	0.00014	0.000293	0.00147	0.000133
2049 Oct	0.000148	0.00102	0.0842	0.00000924	1.42	2.6	0.0182	0.000531	12.1	0.00154	0.0164	0.0000728	0.000156	0.0000808	0.0831	0.00000221	0.000161	0.000295	0.00135	0.000167
2049 Nov	0.000151	0.00104	0.0842	0.00000918	1.44	2.67	0.0186	0.000543	12.5	0.00157	0.0168	0.0000734	0.00016	0.0000828	0.0843	0.00000222	0.000167	0.000299	0.00135	0.000177
2049 Dec	0.000151	0.00104	0.0842	0.00000918	1.44	2.67	0.0186	0.000543	12.6	0.00158	0.0168	0.0000735	0.00016	0.0000829	0.0843	0.00000222	0.000167	0.000299	0.00135	0.000177
2050 Jan	0.000151	0.00104	0.0842	0.00000918	1.44	2.67	0.0186	0.000543	12.6	0.00158	0.0168	0.0000735	0.00016	0.0000829	0.0844	0.00000222	0.000167	0.000299	0.00135	0.000177
2050 Feb	0.000151	0.00104	0.0842	0.00000918	1.44	2.67	0.0186	0.000543	12.6	0.00158	0.0168	0.0000735	0.00016	0.0000829	0.0844	0.00000222	0.000167	0.000299	0.00135	0.000177
2050 Mar	0.000151	0.00104	0.0842	0.00000919	1.44	2.67	0.0186	0.000544	12.6	0.00158	0.0168	0.0000735	0.00016	0.0000829	0.0844	0.00000222	0.000167	0.000299	0.00135	0.000177
2050 Apr	0.000151	0.00104	0.0845	0.00000922	1.45	2.68	0.0187	0.000545	12.6	0.00158	0.0169	0.0000738	0.000161	0.0000832	0.0847	0.00000223	0.000168	0.0003	0.00135	0.000177
2050 May	0.000162	0.00106	0.0882	0.00000937	1.48	2.76	0.0205	0.000548	12.7	0.00161	0.0171	0.0000894	0.000164	0.0000853	0.0875	0.00000226	0.000169	0.000321	0.00138	0.000178
2050 Jun	0.000196	0.000995	0.0874	0.00000856	1.61	3.18	0.0321	0.0004	16.3	0.00191	0.0201	0.000188	0.000294	0.00011	0.0916	0.00000229	0.000201	0.000522	0.00174	0.000267
2050 Jul	0.000149	0.000969	0.081	0.00000887	1.45	2.74	0.0228	0.000365	14.5	0.00174	0.0192	0.000128	0.000251	0.0000966	0.079	0.00000228	0.000181	0.000373	0.00161	0.000234
2050 Aug	0.000145	0.000989	0.0859	0.00000945	1.41	2.58	0.021	0.000364	12.9	0.00165	0.0179	0.000123	0.000214	0.0000903	0.0782	0.00000231	0.000163	0.000315	0.00155	0.000197
2050 Sep	0.000139	0.000975	0.0849	0.00000955	1.36	2.4	0.0181	0.000429	10.9	0.0015	0.0162	0.0000919	0.000162	0.00008	0.0779	0.00000223	0.000144	0.000271	0.00142	0.000151
2050 Oct	0.000142	0.000994	0.0862	0.00000962	1.37	2.44	0.018	0.000454	10.9	0.0015	0.0165	0.0000878	0.000158	0.0000795	0.0794	0.00000224	0.000147	0.000274	0.00141	0.00015
2050 Nov	0.000143	0.000998	0.0866	0.00000966	1.38	2.45	0.0181	0.000456	11	0.00151	0.0165	0.0000882	0.000158	0.0000798	0.0797	0.00000225	0.000147	0.000275	0.00142	0.000151
2050 Dec	0.000143	0.000999	0.0866	0.00000966	1.38	2.45	0.0181	0.000456	11	0.00151	0.0165	0.0000882	0.000158	0.0000799	0.0798	0.00000225	0.000147	0.000275	0.00142	0.000151
2051 Jan	0.000143	0.000999	0.0866	0.00000966	1.38	2.45	0.0181	0.000457	11	0.00151	0.0165	0.0000882	0.000158	0.0000799	0.0798	0.00000225	0.000147	0.000275	0.00142	0.000151

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2051 Feb	0.000143	0.000999	0.0866	0.00000967	1.38	2.45	0.0181	0.000457	11	0.00151	0.0165	0.0000883	0.000158	0.0000799	0.0798	0.00000225	0.000147	0.000275	0.00142	0.000151
2051 Mar	0.000143	0.001	0.0867	0.00000967	1.38	2.45	0.0181	0.000457	11	0.00151	0.0165	0.0000883	0.000159	0.00008	0.0798	0.00000226	0.000147	0.000275	0.00142	0.000151
2051 Apr	0.000144	0.001	0.0871	0.00000972	1.39	2.46	0.0182	0.000459	11	0.00152	0.0166	0.0000887	0.000159	0.0000803	0.0802	0.00000227	0.000148	0.000277	0.00142	0.000152
2051 May	0.000181	0.00104	0.0978	0.00000983	1.48	2.7	0.0251	0.000453	11.4	0.00159	0.0169	0.00015	0.000173	0.0000871	0.089	0.00000229	0.00015	0.000355	0.00148	0.000154
2051 Jun	0.000186	0.000996	0.0816	0.00000836	1.63	3.26	0.0309	0.000407	17.1	0.002	0.0237	0.000171	0.000315	0.000115	0.0905	0.00000228	0.000217	0.000511	0.00175	0.000309
2051 Jul	0.000162	0.000981	0.0827	0.00000914	1.54	2.95	0.0259	0.000377	15.1	0.00188	0.0228	0.00014	0.000298	0.000105	0.0838	0.00000236	0.000197	0.000469	0.00183	0.000267
2051 Aug	0.000137	0.000919	0.0813	0.00000959	1.36	2.36	0.0193	0.000393	10.5	0.00152	0.0171	0.0000978	0.000183	0.0000836	0.0768	0.00000223	0.000141	0.000296	0.00152	0.000158
2051 Sep	0.00015	0.000994	0.0807	0.00000909	1.46	2.69	0.0203	0.000494	12.4	0.00163	0.0198	0.0000889	0.000182	0.0000895	0.0836	0.00000221	0.00017	0.000305	0.0014	0.000199
2051 Oct	0.000169	0.00108	0.0812	0.00000855	1.61	3.15	0.0235	0.000559	15.6	0.00185	0.0245	0.000101	0.000219	0.000102	0.0914	0.00000224	0.000212	0.000359	0.0014	0.000274
2051 Nov	0.000169	0.00108	0.0817	0.0000086	1.6	3.15	0.0234	0.000562	15.5	0.00184	0.0245	0.0000998	0.000217	0.000102	0.0915	0.00000224	0.000211	0.000358	0.0014	0.000271
2051 Dec	0.000169	0.00108	0.0817	0.0000086	1.61	3.15	0.0234	0.000562	15.5	0.00184	0.0245	0.0000999	0.000217	0.000102	0.0916	0.00000224	0.000211	0.000358	0.0014	0.000271
2052 Jan	0.000169	0.00108	0.0817	0.0000086	1.61	3.15	0.0234	0.000562	15.5	0.00184	0.0245	0.0000999	0.000217	0.000102	0.0916	0.00000224	0.000211	0.000358	0.0014	0.000271
2052 Feb	0.000169	0.00109	0.0817	0.00000861	1.61	3.15	0.0234	0.000562	15.5	0.00184	0.0245	0.0000999	0.000217	0.000102	0.0916	0.00000224	0.000211	0.000359	0.0014	0.000271
2052 Mar	0.000169	0.00109	0.0818	0.00000862	1.61	3.15	0.0235	0.000563	15.5	0.00185	0.0245	0.0001	0.000217	0.000102	0.0917	0.00000224	0.000212	0.000359	0.0014	0.000272
2052 Apr	0.00017	0.00109	0.082	0.00000864	1.61	3.16	0.0235	0.000565	15.5	0.00185	0.0246	0.0001	0.000218	0.000102	0.092	0.00000225	0.000212	0.00036	0.0014	0.000272
2052 May	0.000279	0.00114	0.115	0.00000893	1.76	3.58	0.0435	0.000488	14.5	0.0019	0.0227	0.000293	0.000233	0.000113	0.113	0.00000223	0.000191	0.000578	0.00152	0.00023
2052 Jun	0.000205	0.00098	0.0912	0.00000871	1.6	3.14	0.0338	0.000369	14.7	0.00189	0.0242	0.000209	0.0003	0.000109	0.0921	0.00000224	0.000195	0.000554	0.00179	0.000263
2052 Jul	0.000147	0.000943	0.0874	0.00000927	1.34	2.44	0.0216	0.00032	10.9	0.00156	0.0195	0.000138	0.000211	0.0000846	0.0754	0.00000219	0.000148	0.000339	0.00155	0.000179
2052 Aug	0.000139	0.00094	0.0863	0.00000959	1.32	2.3	0.0192	0.000356	9.76	0.00147	0.0177	0.000115	0.000169	0.0000799	0.0752	0.0000022	0.000134	0.000269	0.00145	0.000147
2052 Sep	0.000143	0.000965	0.0832	0.00000938	1.37	2.43	0.0187	0.000453	10.3	0.00149	0.0185	0.0000902	0.000153	0.000081	0.0796	0.00000217	0.000146	0.000265	0.00136	0.000157
2052 Oct	0.000156	0.00102	0.0837	0.0000091	1.47	2.73	0.0206	0.000507	12.2	0.00163	0.0214	0.0000934	0.000176	0.0000887	0.0851	0.00000219	0.000172	0.000306	0.00137	0.000202
2052 Nov	0.000156	0.00103	0.084	0.00000914	1.47	2.74	0.0207	0.000509	12.2	0.00164	0.0215	0.0000937	0.000177	0.000089	0.0854	0.0000022	0.000173	0.000307	0.00138	0.000202
2052 Dec	0.000156	0.00103	0.0841	0.00000914	1.47	2.74	0.0207	0.00051	12.2	0.00164	0.0215	0.0000938	0.000177	0.0000891	0.0855	0.0000022	0.000173	0.000307	0.00138	0.000202
2053 Jan	0.000156	0.00103	0.0841	0.00000915	1.47	2.74	0.0207	0.00051	12.2	0.00164	0.0215	0.0000938	0.000177	0.0000891	0.0855	0.0000022	0.000173	0.000307	0.00138	0.000202
2053 Feb	0.000156	0.00103	0.0841	0.00000915	1.48	2.74	0.0207	0.00051	12.2	0.00164	0.0215	0.0000938	0.000177	0.0000891	0.0855	0.0000022	0.000173	0.000308	0.00138	0.000203
2053 Mar	0.000157	0.00103	0.0843	0.00000917	1.48	2.75	0.0207	0.000511	12.3	0.00164	0.0215	0.000094	0.000177	0.0000893	0.0856	0.00000221	0.000173	0.000308	0.00138	0.000203
2053 Apr	0.000157	0.00103	0.0847	0.00000921	1.49	2.76	0.0209	0.000514	12.3	0.00165	0.0216	0.0000945	0.000178	0.0000897	0.0861	0.00000222	0.000174	0.00031	0.00139	0.000204
2053 May	0.000305	0.00113	0.124	0.00000915	1.77	3.62	0.0488	0.000439	13.4	0.00189	0.0222	0.000349	0.000236	0.000115	0.117	0.00000221	0.000177	0.000626	0.00157	0.000213
2053 Jun	0.000212	0.00101	0.0897	0.0000084	1.66	3.35	0.0352	0.0004	15.5	0.00199	0.0274	0.000213	0.000307	0.000117	0.0958	0.00000221	0.000211	0.000546	0.00172	0.000306
2053 Jul	0.000176	0.000983	0.0866	0.00000917	1.56	3	0.0285	0.000374	14	0.00189	0.026	0.000162	0.000302	0.000106	0.0869	0.00000231	0.000196	0.000504	0.00185	0.000272
2053 Aug	0.000168	0.000988	0.0886	0.00000979	1.53	2.81	0.0258	0.000395	12.4	0.00178	0.0235	0.000143	0.000257	0.0000994	0.0861	0.00000235	0.000175	0.000434	0.00178	0.000226
2053 Sep	0.000168	0.00101	0.0906	0.0000102	1.54	2.79	0.0251	0.000418	12.1	0.00177	0.0229	0.000135	0.000243	0.0000982	0.0875	0.0000024	0.000171	0.000417	0.00177	0.000212
2053 Oct	0.000166	0.00101	0.0916	0.0000102	1.52	2.74	0.0242	0.000434	11.6	0.00173	0.0222	0.000128	0.000229	0.0000947	0.0872	0.00000239	0.000166	0.000404	0.00174	0.000198
2053 Nov	0.000164	0.00101	0.0918	0.0000102	1.5	2.68	0.0232	0.000445	11.1	0.00168	0.0215	0.00012	0.000214	0.000091	0.0864	0.00000236	0.000161	0.00039	0.0017	0.000184
2053 Dec	0.000164	0.00101	0.0918	0.0000102	1.5	2.68	0.0232	0.000445	11.1	0.00168	0.0215	0.00012	0.000214	0.000091	0.0864	0.00000236	0.000161	0.00039	0.0017	0.000184
2054 Jan	0.000164	0.00101	0.0918	0.0000102	1.5	2.68	0.0232	0.000445	11.1	0.00168	0.0215	0.00012	0.000214	0.000091	0.0864	0.00000236	0.000161	0.00039	0.0017	0.000184
2054 Feb	0.000164	0.00101	0.0918	0.0000102	1.5	2.68	0.0232	0.000445	11.1	0.00168	0.0215	0.00012	0.000214	0.000091	0.0864	0.00000237	0.000161	0.00039	0.0017	0.000184
2054 Mar	0.000164	0.00101	0.0918	0.0000102	1.5	2.68	0.0232	0.000445	11.1	0.00168	0.0215	0.00012	0.000214	0.000091	0.0864	0.00000237	0.000161	0.00039	0.0017	0.000184
2054 Apr	0.000165	0.00102	0.0922	0.0000103	1.5	2.69	0.0233	0.000447	11.2	0.00169	0.0216	0.000121	0.000215	0.0000914	0.0868	0.00000238	0.000161	0.000392	0.00171	0.000185
2054 May	0.00024	0.00107	0.114	0.0000103	1.62	3.03	0.0367	0.000416	10.9	0.00173	0.0206	0.000248	0.000222	0.000099	0.102	0.00000235	0.000152	0.000534	0.00174	0.000163
2054 Jun	0.000217	0.000957	0.0964	0.00000877	1.55	3.06	0.0359	0.000341	12.6	0.00182	0.0238	0.000235	0.000291	0.000105	0.0925	0.00000215	0.000177	0.000579	0.00179	0.000244
2054 Jul	0.00016	0.000958	0.0868	0.00000913	1.42	2.68	0.0246	0.000343	11.7	0.00169	0.0231	0.000149	0.000246	0.0000939	0.0801	0.00000219	0.000167	0.000399	0.00164	0.000226
2054 Aug	0.000149	0.00094	0.0831	0.00000936	1.39	2.49	0.0213	0.000399	10.3	0.00157	0.0203	0.000115	0.000186	0.0000875	0.0797	0.00000217	0.000148	0.000301	0.00146	0.000183
2054 Sep	0.00015	0.000956	0.0815	0.00000937	1.42	2.54	0.0206	0.000466	10.3	0.00156	0.0202	0.0000968	0.000163	0.0000872	0.0827	0.00000216	0.000151	0.000278	0.00138	0.000179
2054 Oct	0.000168	0.00103	0.084	0.00000896	1.52	2.9	0.0234	0.000515	12.4	0.00172	0.0242	0.000111	0.000195	0.0000961	0.089	0.00000216	0.000183	0.000338	0.00139	0.000237
2054 Nov	0.000176	0.00106	0.0846	0.00000879	1.58	3.08	0.0251	0.00053	13.4	0.00181	0.0261	0.00012	0.000214	0.000102	0.0919	0.00000218	0.000198	0.000365	0.00141	0.000268
2054 Dec	0.000176	0.00106	0.0846	0.0000088	1.58	3.09	0.0251	0.00053	13.4	0.00182	0.0261	0.00012	0.000214	0.000102	0.092	0.00000218	0.000198	0.000366	0.00141	0.000268
2055 Jan	0.000176	0.00106	0.0846	0.0000088	1.58	3.09	0.0251	0.00053	13.4	0.00182	0.0261	0.00012	0.000214	0.000102	0.092	0.00000218	0.000198	0.000366	0.00141	0.000268
2055 Feb	0.000176	0.00106	0.0846	0.0000088	1.58	3.09	0.0251	0.00053	13.4	0.00182	0.0261	0.00012	0.000214	0.000102	0.092	0.00000218	0.000198	0.000366	0.00141	0.000268
2055 Mar	0.000176	0.00106	0.0847	0.0000088	1.58	3.09	0.0251	0.000531	13.5	0.00182	0.0261	0.00012	0.000214	0.000102	0.0921	0.00000218	0.000198	0.000366	0.00141	0.000268
2055 Apr	0.000177	0.00106	0.085	0.00000883	1.59	3.1	0.0252	0.000532	13.5	0.00182	0.0262	0.00012	0.000215	0.000102	0.0924	0.00000219	0.000199	0.000367	0.00142	0.000269
2055 May	0.00018	0.00108	0.0864	0.00000898	1.61	3.15	0.0256	0.000541	13.7	0.00185	0.0267	0.000122	0.000218	0.000104	0.0939	0.00000223	0.000202	0.000373	0.00144	0.000273
2055 Jun	0.000172	0.000945	0.0821	0.00000867	1.52	2.94	0.0278	0.000378	13.1	0.00184	0.0272	0.000154	0.00029	0.000104	0.0847	0.00000217	0.000193	0.000487	0.00174	0.000278
2055 Jul	0.000163	0.000938	0.0876	0.00000934	1.44	2.67	0.0256	0.000332	11.3	0.00171	0.0247	0.000153	0.000268	0.0000944	0.0805	0.00000222	0.000168	0.000458	0.00178	0.000226
2055 Aug	0.000155	0.00095	0.0905	0.00000987	1.4	2.49	0.0231	0.00034	9.99	0.00161	0.0221	0.000139	0.000228	0.0000875	0.0791	0.00000226	0.000149	0.000391	0.00171	0.000184
2055 Sep	0.000139	0.000915	0.0865	0.00000995	1.3	2.18	0.0182	0.000402	7.86	0.00139	0.0176	0.0000947	0.000152	0.0000739	0.0761	0.00000217	0.000121	0.00029	0.00149	0.000118
2055 Oct	0.000142	0.000938	0.0877	0.00000994	1.31	2.22	0.0179	0.00043	7.9	0.00139	0.0178	0.0000897	0.000144	0.0000727	0.0775	0.00000217	0.000124	0.000288	0.00146	0.000116
2055 Nov	0.000142	0.000944	0.0881	0.00000993	1.31	2.23	0.0179	0.000438	7.91	0.00139	0.0178	0.0000884	0.000142	0.0000724	0.0778	0.00000217	0.000124	0.000288	0.00145	0.000116
2055 Dec	0.000143	0.000945	0.0881	0.00000993	1.31	2.23	0.0179	0.000439	7.94	0.00139	0.0179	0.0000886	0.000143	0.0000726	0.0779	0.00000217	0.000125	0.000289	0.00145	0.000117
2056 Jan	0.000143	0.000945	0.0881	0.00000993	1.31	2.23	0.0179	0.000439	7.95	0.00139	0.0179	0.0000886	0.000143	0.0000726	0.0779	0.00000217	0.000125	0.000289	0.00145	0.000117
2056 Feb	0.000143	0.000945	0.0881	0.00000993	1.31	2.24	0.0179	0.000439	7.95	0.00139	0.0179	0.0000886	0.000143	0.0000726	0.078	0.00000217	0.000125	0.000289	0.00145	0.000117
2056 Mar	0.000143	0.000946	0.0882	0.00000994	1.31	2.24	0.0179	0.000439	7.95	0.00139	0.0179	0.0000887	0.000143	0.0000727	0.078	0.00000217	0.000125	0.000289	0.00145	0.000117
2056 Apr	0.000143	0.00095	0.0885	0.00000998	1.32	2.25	0.018	0.000441	7.99	0.0014	0.018	0.0000891	0.000144	0.000073	0.0783	0.00000218	0.000125	0.00029	0.00146	0.000118
2056 May	0.000256	0.00104	0.118	0.00000987	1.55	2.93	0.039	0.000402	9.11	0.00159	0.019	0.000279	0.000183	0.0000924	0.103	0.00000217	0.000132	0.000523	0.00156	0.000129
2056 Jun	0.000215	0.000972	0.0949	0.00000876	1.59	3.12	0.0355	0.000357	12.7	0.00186	0.0279	0.000228	0.000293	0.000108	0.0935	0.00000216	0.000189	0.000568	0.00177	0.000265
2056 Jul	0.000175	0.000939	0.0931	0.00000957	1.44	2.65	0.0275	0.000317	10.5	0.00168	0.0242	0.000175	0.000265	0.0000927	0.0823	0.00000223	0.00016	0.000486	0.00182	0.000206
2056 Aug	0.000151	0.000918	0.0916	0.00000999	1.32	2.26	0.0217	0.00033	8.22	0.00146	0.019	0.000136	0.000188	0.0000785	0.0766	0.0000022	0.000125	0.000346	0.00161	0.000134
2056 Sep	0.000149	0.000937	0.0926	0.0000102	1.31	2.21	0.0198	0.000378	7.63	0.0014	0.0178	0.000117	0.00016	0.0000739	0.0774	0.00000221	0.000119	0.000317	0.00155	0.000112

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.000153	0.000974	0.091	0.00000974	1.33	2.33	0.0191	0.000455	8.19	0.00141	0.0191	0.0000993	0.000143	0.000073	0.0802	0.00000214	0.000132	0.000308	0.00142	0.000127
2056 Nov	0.000155	0.000988	0.0908	0.00000963	1.36	2.41	0.0195	0.000473	8.58	0.00144	0.0199	0.0000989	0.000146	0.0000748	0.0816	0.00000213	0.000138	0.000313	0.0014	0.000138
2056 Dec	0.000156	0.000989	0.0909	0.00000964	1.36	2.41	0.0195	0.000473	8.59	0.00144	0.0199	0.0000989	0.000146	0.0000748	0.0816	0.00000213	0.000138	0.000313	0.0014	0.000138
2057 Jan	0.000156	0.000989	0.0909	0.00000964	1.36	2.41	0.0195	0.000473	8.59	0.00144	0.0199	0.0000989	0.000146	0.0000748	0.0817	0.00000213	0.000138	0.000313	0.0014	0.000138
2057 Feb	0.000156	0.000989	0.0909	0.00000964	1.36	2.41	0.0195	0.000473	8.59	0.00144	0.0199	0.000099	0.000146	0.0000748	0.0817	0.00000213	0.000138	0.000313	0.0014	0.000138
2057 Mar	0.000156	0.00099	0.091	0.00000965	1.36	2.41	0.0196	0.000473	8.6	0.00144	0.0199	0.0000991	0.000146	0.0000749	0.0818	0.00000214	0.000139	0.000314	0.0014	0.000139
2057 Apr	0.000156	0.000995	0.0914	0.0000097	1.37	2.42	0.0196	0.000476	8.64	0.00145	0.02	0.0000995	0.000147	0.0000753	0.0821	0.00000215	0.000139	0.000315	0.00141	0.000139
2057 May	0.000216	0.00104	0.109	0.00000986	1.48	2.73	0.0304	0.000453	8.8	0.00152	0.0197	0.000199	0.000161	0.0000836	0.0948	0.00000217	0.000136	0.000434	0.00148	0.00013
2057 Jun	0.000191	0.00093	0.0893	0.00000879	1.51	2.9	0.0313	0.000341	11.8	0.00178	0.0274	0.000193	0.000288	0.000102	0.0869	0.00000213	0.000182	0.000535	0.00179	0.000255
2057 Jul	0.000162	0.000898	0.0895	0.00000952	1.39	2.51	0.0257	0.000301	9.83	0.00163	0.0238	0.000158	0.000267	0.0000886	0.0782	0.0000022	0.000155	0.000486	0.00186	0.000198
2057 Aug	0.000167	0.000956	0.0955	0.0000103	1.45	2.57	0.0257	0.000326	9.83	0.00167	0.0238	0.000159	0.00026	0.0000905	0.082	0.00000234	0.000154	0.000474	0.00191	0.000189
2057 Sep	0.000164	0.000967	0.0958	0.0000105	1.43	2.5	0.024	0.000361	9.24	0.00162	0.0224	0.000142	0.000232	0.0000863	0.0823	0.00000234	0.000146	0.000437	0.00184	0.000167
2057 Oct	0.000157	0.00097	0.0954	0.0000104	1.38	2.37	0.0213	0.0004	8.34	0.0015	0.0204	0.00012	0.000194	0.0000778	0.0808	0.00000228	0.000136	0.000393	0.00171	0.000137
2057 Nov	0.000157	0.000973	0.0956	0.0000104	1.37	2.36	0.0211	0.000407	8.24	0.00149	0.0202	0.000117	0.000189	0.000077	0.0808	0.00000228	0.000134	0.000388	0.00169	0.000133
2057 Dec	0.000157	0.000974	0.0956	0.0000104	1.37	2.36	0.0211	0.000407	8.25	0.00149	0.0202	0.000117	0.000189	0.000077	0.0808	0.00000228	0.000135	0.000388	0.00169	0.000133
2058 Jan	0.000157	0.000974	0.0956	0.0000104	1.37	2.36	0.0211	0.000407	8.25	0.00149	0.0202	0.000117	0.000189	0.000077	0.0808	0.00000228	0.000135	0.000388	0.00169	0.000133
2058 Feb	0.000157	0.000974	0.0956	0.0000104	1.37	2.36	0.0211	0.000407	8.25	0.00149	0.0202	0.000117	0.000189	0.000077	0.0808	0.00000228	0.000135	0.000388	0.00169	0.000133
2058 Mar	0.000157	0.000974	0.0957	0.0000104	1.37	2.37	0.0211	0.000407	8.25	0.00149	0.0202	0.000117	0.000189	0.000077	0.0809	0.00000228	0.000135	0.000389	0.00169	0.000133
2058 Apr	0.000158	0.000977	0.0959	0.0000104	1.38	2.37	0.0211	0.000408	8.28	0.0015	0.0203	0.000118	0.00019	0.0000773	0.0811	0.00000228	0.000135	0.00039	0.0017	0.000133
2058 May	0.000256	0.00106	0.121	0.0000102	1.58	2.98	0.0394	0.000386	9.21	0.00166	0.021	0.000281	0.000216	0.0000946	0.103	0.00000225	0.00014	0.000575	0.00173	0.000147
2058 Jun	0.000226	0.00101	0.0958	0.00000863	1.65	3.33	0.0375	0.000382	12.9	0.00196	0.0306	0.000239	0.000303	0.000115	0.0979	0.00000213	0.000202	0.000575	0.00174	0.000314
2058 Jul	0.000192	0.000985	0.0931	0.00000935	1.56	3	0.031	0.00036	11.7	0.00186	0.0288	0.00019	0.000294	0.000105	0.0895	0.00000223	0.000187	0.000523	0.00183	0.000278
2058 Aug	0.000179	0.00099	0.0951	0.00000988	1.5	2.77	0.0277	0.000363	10.4	0.00174	0.0256	0.000171	0.000251	0.0000971	0.0867	0.00000227	0.000166	0.000448	0.00176	0.000229
2058 Sep	0.000161	0.000978	0.093	0.00000989	1.38	2.44	0.0215	0.000435	8.34	0.00149	0.0207	0.000118	0.000171	0.0000788	0.0824	0.00000217	0.000138	0.000352	0.00152	0.000152
2058 Oct	0.000161	0.000998	0.0929	0.00000972	1.36	2.44	0.0202	0.000484	8.14	0.00145	0.0202	0.000103	0.000147	0.0000747	0.0831	0.00000213	0.000138	0.00033	0.00142	0.000143
2058 Nov	0.000162	0.001	0.0932	0.00000972	1.37	2.46	0.0203	0.000489	8.23	0.00146	0.0205	0.000103	0.000147	0.0000753	0.0837	0.00000213	0.00014	0.000332	0.00141	0.000146
2058 Dec	0.000162	0.001	0.0932	0.00000972	1.37	2.46	0.0203	0.000489	8.23	0.00146	0.0205	0.000103	0.000148	0.0000753	0.0837	0.00000213	0.00014	0.000332	0.00141	0.000146
2059 Jan	0.000162	0.001	0.0932	0.00000973	1.37	2.46	0.0203	0.000489	8.23	0.00146	0.0205	0.000103	0.000148	0.0000753	0.0837	0.00000213	0.00014	0.000332	0.00141	0.000146
2059 Feb	0.000162	0.001	0.0932	0.00000973	1.37	2.46	0.0203	0.000489	8.24	0.00146	0.0205	0.000103	0.000148	0.0000753	0.0837	0.00000213	0.00014	0.000332	0.00141	0.000146
2059 Mar	0.000162	0.001	0.0932	0.00000973	1.37	2.46	0.0203	0.000489	8.24	0.00146	0.0205	0.000103	0.000148	0.0000753	0.0837	0.00000213	0.00014	0.000332	0.00141	0.000146
2059 Apr	0.000163	0.00101	0.0935	0.00000976	1.38	2.47	0.0204	0.000491	8.26	0.00146	0.0205	0.000103	0.000148	0.0000755	0.084	0.00000214	0.00014	0.000333	0.00142	0.000147
2059 May	0.000253	0.00107	0.118	0.00000978	1.56	2.99	0.0375	0.000448	8.94	0.00161	0.0209	0.00026	0.00018	0.0000911	0.103	0.00000214	0.000142	0.000519	0.00152	0.00015
2059 Jun	0.000272	0.00102	0.114	0.00000917	1.67	3.34	0.0453	0.00034	11.2	0.00188	0.0267	0.000322	0.000293	0.000112	0.105	0.00000214	0.000174	0.000672	0.00182	0.000253
2059 Jul	0.000249	0.00102	0.114	0.00000999	1.63	3.16	0.0409	0.00033	10.6	0.00187	0.026	0.000285	0.000299	0.000107	0.101	0.00000228	0.000168	0.000655	0.00198	0.000234
2059 Aug	0.000249	0.00106	0.117	0.0000106	1.67	3.18	0.0402	0.000349	10.5	0.00189	0.0258	0.00028	0.000291	0.000108	0.103	0.00000239	0.000167	0.000637	0.00201	0.000225
2059 Sep	0.00022	0.00104	0.111	0.0000106	1.55	2.86	0.0332	0.000403	9.09	0.00169	0.0224	0.000219	0.000228	0.0000935	0.0966	0.00000232	0.000148	0.000528	0.00181	0.000172
2059 Oct	0.000173	0.00102	0.0964	0.00000962	1.37	2.49	0.0215	0.000512	7.85	0.00142	0.0197	0.000112	0.000135	0.0000729	0.0859	0.00000209	0.000137	0.000348	0.00137	0.000136
2059 Nov	0.000173	0.00103	0.0956	0.00000954	1.39	2.55	0.0215	0.000524	8.2	0.00145	0.0205	0.00011	0.000138	0.0000749	0.0867	0.00000208	0.000143	0.000345	0.00135	0.000149
2059 Dec	0.000173	0.00103	0.0956	0.00000954	1.39	2.55	0.0216	0.000524	8.21	0.00146	0.0206	0.00011	0.000139	0.000075	0.0868	0.00000208	0.000143	0.000346	0.00135	0.00015
2060 Jan	0.000173	0.00103	0.0956	0.00000954	1.39	2.55	0.0216	0.000524	8.22	0.00146	0.0206	0.00011	0.000139	0.000075	0.0868	0.00000208	0.000143	0.000346	0.00135	0.00015
2060 Feb	0.000173	0.00103	0.0956	0.00000954	1.39	2.55	0.0216	0.000524	8.22	0.00146	0.0206	0.00011	0.000139	0.0000751	0.0868	0.00000208	0.000143	0.000346	0.00135	0.00015
2060 Mar	0.000173	0.00103	0.0957	0.00000954	1.39	2.56	0.0216	0.000524	8.22	0.00146	0.0206	0.00011	0.000139	0.0000751	0.0869	0.00000209	0.000143	0.000346	0.00135	0.00015
2060 Apr	0.000174	0.00103	0.0961	0.00000959	1.4	2.57	0.0217	0.000527	8.26	0.00146	0.0207	0.000111	0.000139	0.0000755	0.0873	0.0000021	0.000144	0.000348	0.00136	0.000151
2060 May	0.000359	0.00114	0.144	0.00000951	1.77	3.64	0.0573	0.000409	9.81	0.00179	0.0217	0.000439	0.000216	0.00011	0.126	0.0000021	0.000147	0.000733	0.00159	0.000168
2060 Jun	0.000249	0.00102	0.105	0.00000892	1.68	3.39	0.0414	0.000372	12	0.00196	0.0298	0.000277	0.000302	0.000116	0.102	0.00000214	0.000194	0.000621	0.00178	0.000304
2060 Jul	0.000221	0.00102	0.103	0.00000977	1.64	3.17	0.0362	0.000361	11.3	0.00193	0.0291	0.000234	0.000307	0.00011	0.0968	0.00000228	0.000188	0.000596	0.00193	0.000283
2060 Aug	0.00019	0.000979	0.0974	0.0000101	1.51	2.75	0.0291	0.000385	9.38	0.00169	0.0237	0.00018	0.00023	0.0000955	0.0896	0.00000225	0.000154	0.00045	0.00173	0.000206
2060 Sep	0.000163	0.000953	0.0874	0.00000954	1.39	2.46	0.0217	0.000481	8.08	0.00146	0.02	0.000109	0.00014	0.0000806	0.0845	0.00000209	0.000136	0.0003	0.00135	0.000156
2060 Oct	0.000176	0.00101	0.0916	0.00000936	1.45	2.68	0.0234	0.000515	8.95	0.00155	0.0225	0.00012	0.000155	0.0000841	0.0887	0.00000208	0.000154	0.00034	0.00135	0.000188
2060 Nov	0.00019	0.00105	0.0933	0.00000919	1.53	2.92	0.0264	0.000522	10.1	0.00168	0.0254	0.000141	0.000183	0.0000928	0.0931	0.0000021	0.000173	0.000382	0.00139	0.000234
2060 Dec	0.00019	0.00105	0.0933	0.0000092	1.53	2.93	0.0265	0.000522	10.1	0.00168	0.0255	0.000141	0.000183	0.0000929	0.0931	0.0000021	0.000174	0.000382	0.00139	0.000234
2061 Jan	0.00019	0.00105	0.0934	0.0000092	1.53	2.93	0.0265	0.000522	10.1	0.00168	0.0255	0.000142	0.000184	0.000093	0.0932	0.0000021	0.000174	0.000383	0.00139	0.000234
2061 Feb	0.00019	0.00105	0.0934	0.0000092	1.53	2.93	0.0265	0.000522	10.1	0.00168	0.0255	0.000142	0.000184	0.000093	0.0932	0.0000021	0.000174	0.000383	0.00139	0.000234
2061 Mar	0.00019	0.00105	0.0934	0.0000092	1.53	2.93	0.0265	0.000522	10.1	0.00168	0.0255	0.000142	0.000184	0.000093	0.0932	0.0000021	0.000174	0.000383	0.00139	0.000235
2061 Apr	0.000191	0.00105	0.0938	0.00000924	1.54	2.94	0.0266	0.000525	10.2	0.00169	0.0256	0.000142	0.000184	0.0000935	0.0936	0.00000211	0.000175	0.000384	0.0014	0.000236
2061 May	0.00031	0.00113	0.126	0.00000928	1.77	3.61	0.0492	0.000451	11	0.00188	0.0261	0.000351	0.000232	0.000114	0.118	0.00000212	0.000175	0.000637	0.00156	0.000241
2061 Jun	0.000233	0.001	0.101	0.00000896	1.64	3.27	0.0387	0.000369	11.4	0.00192	0.0302	0.000254	0.000299	0.000113	0.0987	0.00000213	0.000193	0.000597	0.00178	0.000306
2061 Jul	0.000206	0.000992	0.102	0.00000986	1.55	2.93	0.0331	0.000339	10	0.0018	0.0271	0.000217	0.000283	0.000102	0.0914	0.00000225	0.000171	0.00055	0.00188	0.000252
2061 Aug	0.000203	0.00103	0.106	0.0000104	1.56	2.89	0.0318	0.00035	9.7	0.00179	0.0262	0.00021	0.000267	0.0000999	0.0922	0.00000234	0.000165	0.000518	0.00189	0.000232
2061 Sep	0.000187	0.00101	0.102	0.0000105	1.49	2.67	0.0275	0.000391	8.65	0.00165	0.0231	0.000172	0.000218	0.0000899	0.0888	0.0000023	0.000148	0.000444	0.00175	0.000186
2061 Oct	0.000169	0.001	0.0966	0.00000982	1.36	2.44	0.0213	0.000482	7.45	0.00142	0.0198	0.000115	0.000142	0.0000732	0.0844	0.00000211	0.000133	0.000347	0.00142	0.000137
2061 Nov	0.000175	0.00102	0.0961	0.00000958	1.4	2.55	0.0222	0.000507	7.94	0.00146	0.0211	0.000118	0.000143	0.0000761	0.0867	0.00000208	0.000143	0.00035	0.00137	0.000158
2061 Dec	0.000175	0.00102	0.0962	0.00000959	1.4	2.55	0.0222	0.000507	7.95	0.00146	0.0211	0.000118	0.000144	0.0000762	0.0868	0.00000208	0.000143	0.000351	0.00137	0.000158
2062 Jan	0.000175	0.00102	0.0962	0.00000959	1.4	2.55	0.0223	0.000508	7.96	0.00146	0.0211	0.000118	0.000144	0.0000763	0.0868	0.00000208	0.000143	0.000351	0.00137	0.000158
2062 Feb	0.000175	0.00102	0.0962	0.00000959	1.4	2.56	0.0223	0.000508	7.96	0.00147	0.0211	0.000118	0.000144	0.0000763	0.0869	0.00000208	0.000143	0.000351	0.00137	0.000158
2062 Mar	0.000175	0.00102	0.0963	0.0000096	1.4	2.56	0.0223	0.000508	7.97	0.00147	0.0211	0.000119	0.000144	0.0000764	0.087	0.00000209	0.000143	0.000351	0.00137	0.000159
2062 Apr	0.000176	0.00103	0.0968	0.00000965	1.41	2.57	0.0224	0.000511	8.01	0.00147	0.0212	0.000119	0.000145	0.0000768	0.0874	0.0000021	0.000144	0.000353	0.00138	0.000159
2062 May	0.000179	0.00104	0.0982	0.00000978	1.43	2.61	0.0227	0.000518	8.12	0.00149	0.0215	0.000121	0.000147	0.0000779	0.0886	0.00000213	0.000146	0.000358	0.0014	0.000162

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2062 Jun	0.000196	0.000955	0.0947	0.0000092	1.5	2.85	0.0308	0.000373	9.63	0.00172	0.0266	0.000191	0.00026	0.0000967	0.0886	0.0000021	0.00017	0.000517	0.00173	0.000251
2062 Jul	0.000184	0.000935	0.097	0.00000965	1.43	2.64	0.0291	0.00031	8.77	0.00165	0.0247	0.000192	0.000257	0.0000915	0.0837	0.00000216	0.000154	0.000496	0.0018	0.000218
2062 Aug	0.000159	0.000913	0.0899	0.00000974	1.34	2.33	0.0227	0.000372	7.43	0.00145	0.0199	0.000138	0.000166	0.0000806	0.0799	0.00000211	0.000127	0.000321	0.00148	0.000154
2062 Sep	0.000184	0.000999	0.0927	0.00000935	1.48	2.74	0.0262	0.000469	9.02	0.0016	0.0244	0.000149	0.000178	0.00009	0.0898	0.00000209	0.000159	0.000367	0.00142	0.000213
2062 Oct	0.000212	0.00108	0.0975	0.00000901	1.62	3.17	0.0309	0.000519	10.7	0.00179	0.0297	0.000178	0.000211	0.000101	0.0987	0.00000209	0.000194	0.000442	0.00143	0.000282
2062 Nov	0.000211	0.00108	0.0979	0.00000907	1.62	3.15	0.0305	0.000523	10.6	0.00178	0.0294	0.000175	0.000207	0.0001	0.0985	0.0000021	0.000192	0.000438	0.00143	0.000277
2062 Dec	0.000211	0.00108	0.0979	0.00000908	1.62	3.15	0.0305	0.000523	10.6	0.00178	0.0294	0.000175	0.000208	0.0001	0.0986	0.0000021	0.000192	0.000438	0.00143	0.000277
2063 Jan	0.000211	0.00108	0.0979	0.00000908	1.62	3.16	0.0306	0.000523	10.6	0.00178	0.0294	0.000175	0.000208	0.0001	0.0986	0.0000021	0.000192	0.000438	0.00143	0.000277
2063 Feb	0.000211	0.00108	0.098	0.00000908	1.62	3.16	0.0306	0.000523	10.6	0.00178	0.0294	0.000175	0.000208	0.0001	0.0986	0.0000021	0.000192	0.000439	0.00143	0.000277
2063 Mar	0.000211	0.00108	0.098	0.00000908	1.62	3.16	0.0306	0.000524	10.6	0.00178	0.0294	0.000175	0.000208	0.0001	0.0986	0.0000021	0.000192	0.000439	0.00143	0.000277
2063 Apr	0.000212	0.00109	0.0983	0.00000911	1.62	3.17	0.0306	0.000525	10.6	0.00178	0.0295	0.000176	0.000208	0.000101	0.0989	0.00000211	0.000193	0.00044	0.00144	0.000278
2063 May	0.000285	0.00113	0.119	0.00000925	1.75	3.51	0.0444	0.000476	10.7	0.00186	0.0285	0.000306	0.000227	0.00011	0.114	0.00000212	0.000185	0.000591	0.00153	0.000259
2063 Jun	0.000227	0.000962	0.0992	0.00000879	1.6	3.09	0.0373	0.000352	10.4	0.0018	0.0307	0.000249	0.00028	0.000106	0.0955	0.00000207	0.000186	0.000578	0.00173	0.000281
2063 Jul	0.000193	0.000926	0.097	0.00000945	1.47	2.68	0.0308	0.000314	8.87	0.00165	0.027	0.000204	0.000262	0.000093	0.0857	0.00000214	0.000161	0.000523	0.0018	0.000223
2063 Aug	0.000186	0.000956	0.0998	0.00001	1.46	2.6	0.0287	0.000332	8.4	0.00162	0.0252	0.00019	0.000237	0.0000899	0.0858	0.00000223	0.000151	0.000472	0.00178	0.000196
2063 Sep	0.00016	0.000923	0.093	0.0000101	1.35	2.27	0.022	0.000396	6.89	0.00141	0.0197	0.000129	0.00016	0.0000759	0.0808	0.00000216	0.000123	0.000345	0.00155	0.000126
2063 Oct	0.000166	0.000965	0.0937	0.0000097	1.36	2.36	0.0214	0.000462	7.14	0.00139	0.0205	0.000118	0.000139	0.0000733	0.0831	0.00000209	0.000132	0.000335	0.00141	0.000134
2063 Nov	0.000169	0.000976	0.0942	0.00000965	1.37	2.41	0.0218	0.000471	7.31	0.00141	0.021	0.00012	0.00014	0.0000742	0.0842	0.00000208	0.000135	0.000339	0.0014	0.00014
2063 Dec	0.000169	0.000977	0.0942	0.00000966	1.37	2.41	0.0218	0.000472	7.31	0.00141	0.021	0.00012	0.00014	0.0000742	0.0842	0.00000208	0.000135	0.000339	0.0014	0.00014
2064 Jan	0.000169	0.000977	0.0943	0.00000966	1.37	2.41	0.0219	0.000472	7.32	0.00141	0.021	0.00012	0.00014	0.0000743	0.0843	0.00000208	0.000135	0.00034	0.0014	0.000141
2064 Feb	0.000169	0.000977	0.0943	0.00000966	1.37	2.41	0.0219	0.000472	7.32	0.00141	0.021	0.00012	0.00014	0.0000743	0.0843	0.00000209	0.000135	0.00034	0.0014	0.000141
2064 Mar	0.000169	0.000979	0.0944	0.00000968	1.38	2.42	0.0219	0.000473	7.33	0.00141	0.0211	0.00012	0.000141	0.0000745	0.0844	0.00000209	0.000136	0.00034	0.0014	0.000141
2064 Apr	0.00017	0.000981	0.0947	0.0000097	1.38	2.42	0.022	0.000474	7.36	0.00142	0.0211	0.000121	0.000141	0.0000747	0.0847	0.00000209	0.000136	0.000341	0.0014	0.000141
2064 May	0.000263	0.00105	0.118	0.00000956	1.6	3.05	0.0399	0.000434	8.57	0.00162	0.0234	0.000281	0.000187	0.0000945	0.105	0.0000021	0.000148	0.000538	0.00151	0.000174
2064 Jun	0.000232	0.000948	0.103	0.00000902	1.57	2.99	0.0382	0.00033	9.49	0.00175	0.029	0.000262	0.000276	0.000102	0.0952	0.00000208	0.000174	0.0006	0.00178	0.000256
2064 Jul	0.000187	0.000906	0.0999	0.00000972	1.39	2.47	0.0294	0.000283	7.58	0.00154	0.0234	0.000204	0.00024	0.0000849	0.0822	0.00000214	0.000139	0.000501	0.00179	0.00018
2064 Aug	0.000167	0.000916	0.0974	0.00000991	1.32	2.26	0.0244	0.000307	6.8	0.00142	0.0203	0.000169	0.000182	0.0000772	0.0785	0.00000213	0.000121	0.000371	0.00158	0.000141
2064 Sep	0.000174	0.000957	0.0922	0.00000943	1.4	2.47	0.0238	0.000451	7.56	0.00145	0.022	0.000137	0.000147	0.00008	0.0855	0.00000206	0.000139	0.000333	0.00137	0.000164
2064 Oct	0.000187	0.001	0.0953	0.00000936	1.46	2.66	0.0256	0.000484	8.21	0.00152	0.0242	0.000147	0.000157	0.000084	0.0898	0.00000207	0.000154	0.000364	0.00137	0.000191
2064 Nov	0.000188	0.00101	0.0957	0.0000094	1.47	2.67	0.0258	0.000486	8.25	0.00153	0.0243	0.000148	0.000158	0.0000844	0.0903	0.00000208	0.000155	0.000366	0.00138	0.000192
2064 Dec	0.000188	0.00101	0.0958	0.0000094	1.47	2.68	0.0258	0.000486	8.26	0.00153	0.0243	0.000148	0.000158	0.0000844	0.0903	0.00000208	0.000155	0.000366	0.00138	0.000192
2065 Jan	0.000188	0.00101	0.0958	0.0000094	1.47	2.68	0.0258	0.000486	8.26	0.00153	0.0244	0.000148	0.000158	0.0000845	0.0903	0.00000208	0.000155	0.000367	0.00138	0.000192
2065 Feb	0.000188	0.00101	0.0958	0.0000094	1.47	2.68	0.0258	0.000486	8.27	0.00153	0.0244	0.000149	0.000158	0.0000845	0.0904	0.00000208	0.000155	0.000367	0.00138	0.000192
2065 Mar	0.000188	0.00101	0.096	0.00000942	1.48	2.68	0.0259	0.000487	8.28	0.00153	0.0244	0.000149	0.000159	0.0000847	0.0905	0.00000208	0.000155	0.000367	0.00138	0.000193
2065 Apr	0.000189	0.00101	0.0965	0.00000947	1.48	2.7	0.026	0.00049	8.32	0.00154	0.0245	0.00015	0.000159	0.0000851	0.091	0.00000209	0.000156	0.000369	0.00139	0.000194
2065 May	0.000352	0.00112	0.141	0.00000949	1.77	3.56	0.0565	0.000397	9.06	0.00175	0.0237	0.000434	0.000211	0.000109	0.124	0.00000208	0.000149	0.000711	0.00157	0.000181
2065 Jun	0.000242	0.000969	0.104	0.00000883	1.62	3.13	0.04	0.000349	9.8	0.0018	0.0304	0.000275	0.000278	0.000107	0.0988	0.00000206	0.000183	0.000604	0.00173	0.000286
2065 Jul	0.000216	0.000977	0.104	0.00000973	1.59	2.94	0.0351	0.000339	9.28	0.00178	0.0295	0.000235	0.000282	0.000102	0.0937	0.00000221	0.000176	0.000577	0.00188	0.000263
2065 Aug	0.000203	0.000987	0.103	0.0000102	1.55	2.78	0.0316	0.000364	8.6	0.0017	0.0267	0.000207	0.000245	0.0000962	0.0921	0.00000228	0.000161	0.000503	0.00182	0.000222
2065 Sep	0.000173	0.000967	0.0954	0.00000979	1.39	2.42	0.0231	0.000456	7.09	0.00143	0.021	0.000132	0.00015	0.0000762	0.0851	0.00000211	0.000134	0.000359	0.00145	0.000148
2065 Oct	0.000208	0.00104	0.0982	0.00000897	1.56	2.96	0.0296	0.00051	9.12	0.00164	0.0279	0.000175	0.000182	0.0000923	0.096	0.00000204	0.000178	0.000421	0.00137	0.00025
2065 Nov	0.000211	0.00105	0.0988	0.00000897	1.58	3.01	0.0303	0.000513	9.3	0.00167	0.0285	0.000179	0.000187	0.0000941	0.0972	0.00000204	0.000182	0.000429	0.00138	0.000259
2065 Dec	0.000211	0.00105	0.0988	0.00000897	1.58	3.01	0.0303	0.000514	9.3	0.00167	0.0285	0.00018	0.000187	0.0000941	0.0972	0.00000204	0.000182	0.000429	0.00138	0.000259
2066 Jan	0.000211	0.00105	0.0989	0.00000898	1.58	3.01	0.0303	0.000514	9.31	0.00167	0.0285	0.00018	0.000187	0.0000941	0.0972	0.00000204	0.000182	0.000429	0.00138	0.000259
2066 Feb	0.000212	0.00105	0.0989	0.00000898	1.58	3.01	0.0303	0.000514	9.31	0.00167	0.0285	0.00018	0.000187	0.0000942	0.0973	0.00000205	0.000182	0.000429	0.00138	0.000259
2066 Mar	0.000212	0.00106	0.0992	0.000009	1.59	3.02	0.0304	0.000515	9.34	0.00167	0.0286	0.00018	0.000187	0.0000944	0.0975	0.00000205	0.000182	0.00043	0.00138	0.00026
2066 Apr	0.000213	0.00106	0.0995	0.00000904	1.59	3.03	0.0305	0.000517	9.37	0.00168	0.0287	0.000181	0.000188	0.0000948	0.0979	0.00000206	0.000183	0.000432	0.00138	0.000261
2066 May	0.000239	0.00108	0.108	0.00000918	1.64	3.16	0.0352	0.000507	9.46	0.00171	0.0284	0.000224	0.000194	0.0000984	0.104	0.00000208	0.000181	0.000484	0.00143	0.000254
2066 Jun	0.000218	0.000919	0.0991	0.00000893	1.53	2.86	0.0357	0.000327	8.84	0.00169	0.0284	0.000242	0.00027	0.0000984	0.0915	0.00000205	0.000171	0.000575	0.00176	0.000259
2066 Jul	0.000183	0.000906	0.1	0.00001	1.41	2.45	0.0287	0.000286	7.34	0.00155	0.0239	0.000196	0.000251	0.0000849	0.0821	0.0000022	0.000142	0.000516	0.00188	0.000187
2066 Aug	0.000175	0.000934	0.102	0.0000105	1.39	2.35	0.0261	0.000307	6.9	0.00151	0.0218	0.000178	0.000219	0.0000813	0.0816	0.00000227	0.00013	0.000448	0.00182	0.000156
2066 Sep	0.000161	0.000943	0.0983	0.0000104	1.32	2.2	0.0214	0.000386	6.17	0.00136	0.0188	0.000131	0.00016	0.0000706	0.0797	0.0000022	0.000117	0.000366	0.00161	0.000112
2066 Oct	0.000164	0.000979	0.0963	0.00000979	1.33	2.29	0.0201	0.000478	6.4	0.00133	0.0192	0.00011	0.000123	0.0000672	0.0823	0.00000208	0.000126	0.000329	0.00137	0.000119
2066 Nov	0.00017	0.000992	0.0965	0.00000963	1.36	2.39	0.0213	0.000491	6.78	0.00136	0.0204	0.000117	0.000128	0.0000703	0.0845	0.00000206	0.000134	0.000339	0.00135	0.000138
2066 Dec	0.000171	0.000993	0.0965	0.00000964	1.36	2.39	0.0213	0.000492	6.78	0.00137	0.0204	0.000117	0.000128	0.0000703	0.0845	0.00000206	0.000134	0.000339	0.00136	0.000138
2067 Jan	0.000171	0.000993	0.0966	0.00000964	1.36	2.39	0.0213	0.000492	6.78	0.00137	0.0204	0.000117	0.000128	0.0000704	0.0846	0.00000206	0.000134	0.000339	0.00136	0.000138
2067 Feb	0.000171	0.000993	0.0966	0.00000965	1.36	2.39	0.0213	0.000492	6.79	0.00137	0.0205	0.000117	0.000128	0.0000704	0.0846	0.00000206	0.000134	0.000339	0.00136	0.000138
2067 Mar	0.000171	0.000995	0.0967	0.00000966	1.36	2.39	0.0213	0.000493	6.79	0.00137	0.0205	0.000117	0.000128	0.0000705	0.0847	0.00000207	0.000134	0.00034	0.00136	0.000138
2067 Apr	0.000171	0.000997	0.097	0.00000969	1.37	2.4	0.0214	0.000494	6.81	0.00137	0.0205	0.000117	0.000129	0.0000707	0.0849	0.00000207	0.000134	0.00034	0.00136	0.000138
2067 May	0.000328	0.00109	0.139	0.00000971	1.66	3.25	0.0509	0.000407	7.76	0.0016	0.0203	0.00039	0.00018	0.0000961	0.117	0.00000207	0.000131	0.00066	0.00154	0.000134
2067 Jun	0.000248	0.000949	0.108	0.00000901	1.59	3.02	0.041	0.000326	8.81	0.00172	0.0277	0.000291	0.000269	0.000102	0.0984	0.00000205	0.000169	0.000624	0.00176	0.000255
2067 Jul	0.000209	0.000935	0.105	0.00000989	1.49	2.67	0.0335	0.000301	7.8	0.00163	0.025	0.000233	0.00026	0.0000916	0.0889	0.00000218	0.000152	0.000564	0.00188	0.000211
2067 Aug	0.00017	0.000925	0.102	0.0000102	1.31	2.21	0.0247	0.000292	6.22	0.00139	0.019	0.000178	0.000181	0.0000751	0.0785	0.00000218	0.000115	0.000381	0.00163	0.000129
2067 Sep	0.000157	0.000922	0.096	0.0000102	1.28	2.12	0.0208	0.000375	5.84	0.00131	0.0171	0.000132	0.000135	0.000069	0.0781	0.00000213	0.000108	0.00031	0.00147	0.000102
2067 Oct	0.000177	0.00099	0.0961	0.00000943	1.38	2.46	0.0229	0.000485	7.03	0.0014	0.0212	0.00013	0.000133	0.0000742	0.086	0.00000204	0.000139	0.000341	0.00133	0.000159
2067 Nov	0.000179	0.001	0.0965	0.00000939	1.4	2.51	0.0229	0.000506	7.17	0.00141	0.0217	0.000128	0.000131	0.0000746	0.0872	0.00000203	0.000143	0.000344	0.00131	0.000165
2067 Dec	0.000179	0.00101	0.0966	0.0000094	1.4	2.51	0.023	0.000506	7.18	0.00141	0.0217	0.000128	0.000131	0.0000746	0.0873	0.00000203	0.000144	0.000344	0.00131	0.000165
2068 Jan	0.000179	0.00101	0.0966	0.0000094	1.4	2.51	0.023	0.000506	7.18	0.00141	0.0217	0.000128	0.000131	0.0000747	0.0873	0.00000203	0.000144	0.000344	0.00131	0.000165

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2068 Feb	0.000179	0.00101	0.0966	0.0000094	1.4	2.52	0.023	0.000506	7.19	0.00141	0.0217	0.000128	0.000131	0.0000747	0.0874	0.00000203	0.000144	0.000344	0.00131	0.000165
2068 Mar	0.00018	0.00101	0.0969	0.00000943	1.41	2.52	0.023	0.000508	7.2	0.00142	0.0218	0.000129	0.000132	0.0000749	0.0876	0.00000204	0.000144	0.000345	0.00131	0.000166
2068 Apr	0.000182	0.00102	0.0978	0.00000952	1.42	2.55	0.0233	0.000512	7.27	0.00143	0.022	0.00013	0.000133	0.0000756	0.0884	0.00000206	0.000145	0.000349	0.00132	0.000167
2068 May	0.000273	0.00108	0.122	0.00000953	1.61	3.09	0.0408	0.00046	8.07	0.0016	0.0229	0.00029	0.000173	0.0000929	0.108	0.00000207	0.000149	0.000543	0.00145	0.00018
2068 Jun	0.000218	0.000911	0.0992	0.00000891	1.53	2.84	0.0358	0.000327	8.49	0.00167	0.0277	0.000244	0.000266	0.0000975	0.0913	0.00000204	0.000171	0.000574	0.00174	0.000263
2068 Jul	0.000175	0.000881	0.0981	0.00000974	1.34	2.3	0.027	0.000274	6.64	0.00145	0.0216	0.00019	0.000225	0.0000793	0.0785	0.00000212	0.000131	0.000468	0.00176	0.000171
2068 Aug	0.000174	0.000928	0.102	0.0000104	1.37	2.31	0.0258	0.000304	6.58	0.00146	0.0208	0.000179	0.000206	0.0000793	0.0807	0.00000223	0.000127	0.000427	0.00175	0.000154
2068 Sep	0.000156	0.000937	0.0969	0.0000102	1.28	2.12	0.0199	0.000403	5.76	0.0013	0.0173	0.000119	0.000136	0.0000663	0.0784	0.00000214	0.000112	0.00033	0.0015	0.000099
2068 Oct	0.000157	0.000963	0.097	0.0000101	1.29	2.15	0.0188	0.000454	5.78	0.00127	0.0172	0.000105	0.000116	0.0000636	0.0798	0.00000211	0.000114	0.000313	0.00141	0.0000942
2068 Nov	0.000158	0.000969	0.0975	0.0000101	1.29	2.16	0.0189	0.000459	5.82	0.00128	0.0173	0.000105	0.000116	0.0000639	0.0802	0.00000212	0.000115	0.000315	0.00141	0.0000951
2068 Dec	0.000158	0.000969	0.0975	0.0000101	1.29	2.17	0.0189	0.000459	5.82	0.00128	0.0173	0.000105	0.000116	0.0000639	0.0803	0.00000212	0.000115	0.000315	0.00141	0.0000951
2069 Jan	0.000158	0.000969	0.0975	0.0000101	1.29	2.17	0.0189	0.000459	5.83	0.00128	0.0173	0.000105	0.000116	0.0000639	0.0803	0.00000212	0.000115	0.000315	0.00141	0.0000952
2069 Feb	0.000158	0.00097	0.0976	0.0000101	1.29	2.17	0.0189	0.000459	5.83	0.00128	0.0173	0.000105	0.000116	0.0000639	0.0803	0.00000212	0.000115	0.000315	0.00141	0.0000952
2069 Mar	0.000158	0.00097	0.0976	0.0000101	1.3	2.17	0.0189	0.000459	5.83	0.00128	0.0173	0.000105	0.000116	0.0000639	0.0803	0.00000212	0.000115	0.000315	0.00141	0.0000952
2069 Apr	0.000158	0.000972	0.0978	0.0000102	1.3	2.17	0.019	0.00046	5.84	0.00128	0.0173	0.000106	0.000117	0.0000641	0.0805	0.00000213	0.000115	0.000316	0.00142	0.0000954
2069 May	0.000185	0.00101	0.106	0.0000104	1.37	2.34	0.0237	0.000458	6.08	0.00134	0.0176	0.000148	0.000125	0.0000688	0.087	0.00000216	0.000116	0.000369	0.00147	0.0000948
2069 Jun	0.000215	0.000896	0.101	0.0000091	1.49	2.73	0.0351	0.000312	7.89	0.00162	0.0256	0.000242	0.000261	0.0000933	0.0895	0.00000205	0.00016	0.000577	0.00178	0.000239
2069 Jul	0.000189	0.000891	0.0997	0.00000982	1.42	2.49	0.0301	0.00029	7.2	0.00156	0.0238	0.000205	0.000257	0.0000862	0.0832	0.00000216	0.000147	0.000539	0.00188	0.000205
2069 Aug	0.000168	0.000893	0.0969	0.0000102	1.35	2.25	0.0248	0.000319	6.35	0.00143	0.0199	0.000164	0.000197	0.0000777	0.0794	0.00000218	0.000124	0.000415	0.00171	0.000149
2069 Sep	0.000178	0.000948	0.0952	0.00000961	1.41	2.45	0.0248	0.000431	6.98	0.00144	0.0215	0.000149	0.000162	0.0000789	0.0853	0.00000208	0.00014	0.000374	0.00146	0.000172
2069 Oct	0.000212	0.00104	0.0997	0.00000902	1.58	2.94	0.0303	0.000512	8.67	0.00162	0.0273	0.000183	0.000179	0.0000917	0.0969	0.00000204	0.000181	0.000428	0.00137	0.000257
2069 Nov	0.00021	0.00104	0.0997	0.00000906	1.57	2.91	0.0297	0.000517	8.55	0.0016	0.0269	0.000178	0.000174	0.0000901	0.0964	0.00000204	0.000179	0.000421	0.00136	0.000249
2069 Dec	0.00021	0.00104	0.0998	0.00000907	1.57	2.91	0.0297	0.000517	8.55	0.0016	0.0269	0.000178	0.000174	0.0000902	0.0964	0.00000204	0.000179	0.000422	0.00136	0.000249
2070 Jan	0.00021	0.00104	0.0998	0.00000907	1.57	2.91	0.0297	0.000517	8.55	0.0016	0.0269	0.000178	0.000174	0.0000902	0.0964	0.00000204	0.000179	0.000422	0.00136	0.000249
2070 Feb	0.00021	0.00104	0.0998	0.00000907	1.57	2.91	0.0297	0.000517	8.55	0.0016	0.0269	0.000178	0.000174	0.0000902	0.0964	0.00000205	0.000179	0.000422	0.00136	0.000249
2070 Mar	0.00021	0.00104	0.0999	0.00000907	1.57	2.92	0.0297	0.000518	8.56	0.0016	0.0269	0.000178	0.000174	0.0000902	0.0965	0.00000205	0.000179	0.000422	0.00136	0.000249
2070 Apr	0.000212	0.00105	0.101	0.00000912	1.58	2.93	0.03	0.00052	8.61	0.00161	0.027	0.000179	0.000175	0.0000907	0.0972	0.00000206	0.00018	0.000425	0.00137	0.000251
2070 May	0.000291	0.0011	0.123	0.00000925	1.73	3.35	0.045	0.000469	9	0.00172	0.0266	0.000319	0.000202	0.000103	0.114	0.00000208	0.000176	0.000591	0.00148	0.000241
2070 Jun	0.000256	0.000944	0.111	0.00000908	1.6	3	0.0422	0.000324	8.33	0.00168	0.0263	0.000305	0.000262	0.0001	0.0996	0.00000205	0.000167	0.000636	0.00175	0.000245
2070 Jul	0.000212	0.000907	0.107	0.00000981	1.45	2.57	0.0339	0.000285	7.07	0.00155	0.0227	0.000243	0.000248	0.0000872	0.0878	0.00000215	0.000142	0.000568	0.00185	0.000188
2070 Aug	0.000191	0.000925	0.106	0.0000103	1.38	2.36	0.0289	0.000297	6.42	0.00145	0.0199	0.000209	0.000205	0.00008	0.0838	0.0000022	0.000124	0.000462	0.00174	0.000146
2070 Sep	0.000179	0.000969	0.0986	0.00000964	1.37	2.39	0.0237	0.000451	6.56	0.00137	0.0199	0.000144	0.000141	0.0000726	0.0851	0.00000206	0.000133	0.000366	0.00141	0.000144
2070 Oct	0.000208	0.00103	0.0996	0.00000905	1.56	2.86	0.0296	0.000505	8.34	0.00158	0.0263	0.00018	0.000172	0.0000888	0.0954	0.00000204	0.000176	0.000421	0.00136	0.000242
2070 Nov	0.000214	0.00103	0.1	0.00000901	1.59	2.94	0.0308	0.000507	8.63	0.00162	0.0273	0.000189	0.000181	0.000092	0.0971	0.00000205	0.000183	0.000434	0.00137	0.000257
2070 Dec	0.000214	0.00103	0.1	0.00000902	1.59	2.94	0.0308	0.000507	8.63	0.00162	0.0273	0.000189	0.000181	0.000092	0.0972	0.00000205	0.000183	0.000434	0.00137	0.000257
2071 Jan	0.000214	0.00103	0.1	0.00000902	1.59	2.94	0.0308	0.000507	8.63	0.00162	0.0273	0.000189	0.000181	0.000092	0.0972	0.00000205	0.000183	0.000434	0.00137	0.000258
2071 Feb	0.000214	0.00103	0.1	0.00000902	1.59	2.94	0.0308	0.000507	8.63	0.00162	0.0273	0.000189	0.000181	0.000092	0.0972	0.00000205	0.000183	0.000434	0.00137	0.000258
2071 Mar	0.000214	0.00103	0.1	0.00000902	1.59	2.94	0.0308	0.000507	8.63	0.00162	0.0273	0.000189	0.000181	0.000092	0.0972	0.00000205	0.000183	0.000434	0.00137	0.000258
2071 Apr	0.000214	0.00104	0.101	0.00000904	1.59	2.95	0.0309	0.000509	8.65	0.00162	0.0274	0.000189	0.000181	0.0000922	0.0974	0.00000205	0.000184	0.000435	0.00138	0.000258
2071 May	0.000337	0.0011	0.135	0.00000917	1.79	3.54	0.054	0.000424	9.01	0.00176	0.0257	0.000407	0.000216	0.000109	0.122	0.00000205	0.000171	0.000688	0.00153	0.00023
2071 Jun	0.000245	0.000937	0.107	0.00000889	1.61	2.98	0.0403	0.000341	8.5	0.00168	0.0274	0.000286	0.000258	0.0001	0.098	0.00000204	0.000177	0.000607	0.0017	0.000261
2071 Jul	0.000201	0.000902	0.101	0.00000954	1.48	2.61	0.0323	0.000312	7.54	0.00158	0.025	0.000222	0.000253	0.0000896	0.087	0.00000213	0.000159	0.000546	0.00181	0.000221
2071 Aug	0.000191	0.000921	0.101	0.00001	1.46	2.5	0.0294	0.000339	7.15	0.00153	0.0229	0.000198	0.000222	0.000086	0.0864	0.0000022	0.000147	0.00048	0.00176	0.000188
2071 Sep	0.000165	0.00092	0.0929	0.00000976	1.34	2.24	0.0218	0.000442	6.19	0.00133	0.0185	0.000124	0.000132	0.0000712	0.082	0.00000208	0.000125	0.000331	0.00141	0.000125
2071 Oct	0.000179	0.00097	0.0956	0.0000094	1.41	2.45	0.0236	0.000488	6.86	0.00138	0.0209	0.000136	0.000133	0.0000744	0.0868	0.00000204	0.000143	0.000352	0.00134	0.000158
2071 Nov	0.000187	0.000994	0.0973	0.00000933	1.44	2.55	0.0247	0.000507	7.18	0.00141	0.0221	0.000142	0.000136	0.0000766	0.0892	0.00000204	0.000151	0.000364	0.00132	0.000173
2071 Dec	0.000187	0.000995	0.0974	0.00000933	1.45	2.56	0.0248	0.000508	7.2	0.00142	0.0222	0.000143	0.000136	0.0000768	0.0894	0.00000204	0.000152	0.000365	0.00132	0.000174
2072 Jan	0.000187	0.000996	0.0974	0.00000933	1.45	2.56	0.0248	0.000508	7.2	0.00142	0.0222	0.000143	0.000136	0.0000768	0.0894	0.00000204	0.000152	0.000365	0.00132	0.000174
2072 Feb	0.000187	0.000996	0.0974	0.00000933	1.45	2.56	0.0248	0.000508	7.21	0.00142	0.0222	0.000143	0.000136	0.0000768	0.0894	0.00000204	0.000152	0.000365	0.00132	0.000174
2072 Mar	0.000187	0.000996	0.0974	0.00000934	1.45	2.56	0.0248	0.000508	7.21	0.00142	0.0222	0.000143	0.000137	0.0000768	0.0894	0.00000204	0.000152	0.000365	0.00132	0.000174
2072 Apr	0.000188	0.001	0.0978	0.00000937	1.45	2.57	0.0249	0.00051	7.23	0.00142	0.0222	0.000144	0.000137	0.0000771	0.0898	0.00000205	0.000153	0.000366	0.00133	0.000175
2072 May	0.000192	0.00102	0.0999	0.00000956	1.48	2.62	0.0255	0.00052	7.38	0.00145	0.0227	0.000147	0.00014	0.0000787	0.0917	0.00000209	0.000156	0.000375	0.00135	0.000178
2072 Jun	0.000199	0.000877	0.097	0.00000913	1.46	2.58	0.0318	0.000327	7.46	0.00154	0.0246	0.000214	0.000245	0.0000879	0.086	0.00000205	0.000161	0.000539	0.00174	0.000223
2072 Jul	0.000176	0.000888	0.098	0.00000958	1.35	2.31	0.0268	0.000291	6.59	0.00142	0.0214	0.000191	0.000208	0.0000788	0.0792	0.0000021	0.000137	0.000436	0.00165	0.000174
2072 Aug	0.000179	0.000915	0.0916	0.00000948	1.45	2.46	0.0261	0.000418	7.17	0.00145	0.0218	0.000161	0.000157	0.0000845	0.0865	0.00000209	0.000146	0.00034	0.0014	0.000185
2072 Sep	0.00019	0.000955	0.0925	0.00000924	1.52	2.63	0.0272	0.000485	7.7	0.00149	0.0235	0.000159	0.00015	0.0000868	0.0914	0.00000206	0.000161	0.000353	0.00133	0.000206
2072 Oct	0.000211	0.00102	0.099	0.00000893	1.59	2.89	0.0305	0.000508	8.5	0.00158	0.027	0.000187	0.000175	0.0000906	0.0965	0.00000205	0.000186	0.000426	0.00135	0.000248
2072 Nov	0.000213	0.00102	0.0994	0.00000893	1.6	2.91	0.0308	0.000509	8.58	0.00159	0.0273	0.00019	0.000177	0.0000913	0.097	0.00000205	0.000188	0.000431	0.00136	0.000252
2072 Dec	0.000213	0.00102	0.0995	0.00000893	1.61	2.91	0.0308	0.000509	8.59	0.00159	0.0274	0.00019	0.000178	0.0000914	0.0971	0.00000205	0.000188	0.000431	0.00136	0.000253
2073 Jan	0.000213	0.00102	0.0995	0.00000893	1.61	2.91	0.0308	0.000509	8.59	0.00159	0.0274	0.00019	0.000178	0.0000914	0.0971	0.00000205	0.000188	0.000431	0.00136	0.000253
2073 Feb	0.000213	0.00102	0.0995	0.00000894	1.61	2.91	0.0308	0.000509	8.59	0.00159	0.0274	0.00019	0.000178	0.0000914	0.0971	0.00000205	0.000188	0.000431	0.00136	0.000253
2073 Mar	0.000213	0.00102	0.0995	0.00000894	1.61	2.91	0.0309	0.00051	8.59	0.00159	0.0274	0.00019	0.000178	0.0000915	0.0972	0.00000205	0.000188	0.000432	0.00136	0.000253
2073 Apr	0.000215	0.00103	0.1	0.00000902	1.62	2.94	0.0311	0.000514	8.67	0.0016	0.0276	0.000192	0.000179	0.0000923	0.098	0.00000207	0.00019	0.000435	0.00137	0.000255
2073 May	0.000318	0.00109	0.129	0.00000915	1.79	3.45	0.0506	0.000443	9	0.00173	0.0263	0.000375	0.000211	0.000107	0.119	0.00000208	0.00018	0.00065	0.00151	0.000237
2073 Jun	0.000262	0.000959	0.11	0.00000882	1.68	3.1	0.0431	0.000364	8.73	0.0017	0.0278	0.00031	0.000254	0.000104	0.103	0.00000206	0.000186	0.000619	0.00166	0.000274
2073 Jul	0.000217	0.000956	0.104	0.00000933	1.58	2.8	0.0346	0.000357	8.15	0.00162	0.0265	0.000243	0.000234	0.0000952	0.0933	0.00000214	0.000176	0.000512	0.00165	0.000251
2073 Aug	0.000192	0.000957	0.103	0.00000989	1.46	2.5	0.0288	0.000348	7.12	0.00149	0.0225	0.000204	0.000189	0.0000848	0.0869	0.00000218	0.000148	0.000408	0.00157	0.000188
2073 Sep	0.000171	0.000943	0.0961	0.00000974	1.37	2.3	0.023	0.000429	6.37	0.00134	0.0192	0.000143	0.000133	0.0000733	0.0833	0.0000021	0.000131	0.000326	0.00138	0.000139

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2073 Oct	0.000193	0.000994	0.0975	0.00000917	1.49	2.63	0.0264	0.000501	7.48	0.00145	0.0233	0.000158	0.000147	0.0000807	0.091	0.00000204	0.000163	0.000378	0.00132	0.000201
2073 Nov	0.000205	0.00101	0.0987	0.00000903	1.56	2.79	0.0291	0.000507	8.08	0.00153	0.0255	0.000178	0.000165	0.0000871	0.0946	0.00000205	0.000179	0.000409	0.00134	0.000236
2073 Dec	0.000205	0.00101	0.0988	0.00000903	1.56	2.8	0.0291	0.000507	8.08	0.00153	0.0255	0.000178	0.000165	0.0000872	0.0947	0.00000205	0.000179	0.000409	0.00134	0.000236
2074 Jan	0.000205	0.00101	0.0988	0.00000903	1.56	2.8	0.0291	0.000507	8.09	0.00153	0.0255	0.000178	0.000166	0.0000873	0.0948	0.00000205	0.000179	0.00041	0.00134	0.000237
2074 Feb	0.000205	0.00101	0.0988	0.00000903	1.56	2.8	0.0291	0.000507	8.09	0.00153	0.0255	0.000178	0.000166	0.0000873	0.0948	0.00000205	0.000179	0.00041	0.00134	0.000237
2074 Mar	0.000205	0.00101	0.0989	0.00000904	1.57	2.8	0.0292	0.000508	8.1	0.00153	0.0256	0.000178	0.000166	0.0000874	0.0949	0.00000206	0.000179	0.00041	0.00135	0.000237
2074 Apr	0.000207	0.00102	0.0996	0.0000091	1.58	2.82	0.0294	0.000511	8.16	0.00155	0.0257	0.00018	0.000167	0.000088	0.0955	0.00000207	0.00018	0.000413	0.00135	0.000239
2074 May	0.000314	0.00108	0.129	0.00000919	1.78	3.4	0.0497	0.000445	8.76	0.00171	0.0255	0.000368	0.000206	0.000106	0.118	0.00000208	0.000177	0.000637	0.0015	0.000236
2074 Jun	0.000251	0.000947	0.107	0.00000884	1.67	3.04	0.0412	0.00037	8.58	0.00168	0.0276	0.000292	0.000254	0.000103	0.101	0.00000207	0.000189	0.000601	0.00166	0.000282
2074 Jul	0.000216	0.000934	0.105	0.00000966	1.56	2.73	0.0346	0.000341	7.72	0.00161	0.0252	0.000242	0.00025	0.0000933	0.0922	0.00000219	0.00017	0.000555	0.00179	0.000239
2074 Aug	0.000215	0.000976	0.109	0.0000103	1.6	2.74	0.0338	0.000363	7.72	0.00163	0.0249	0.000234	0.00024	0.0000939	0.0944	0.0000023	0.000168	0.000534	0.00182	0.000225
2074 Sep	0.000175	0.000952	0.0978	0.0000099	1.39	2.33	0.0232	0.000456	6.29	0.00135	0.019	0.000138	0.000139	0.0000723	0.085	0.00000213	0.000133	0.000362	0.00145	0.000136
2074 Oct	0.000178	0.000985	0.0973	0.00000951	1.4	2.4	0.0225	0.000512	6.52	0.00134	0.0197	0.000127	0.00012	0.0000706	0.0868	0.00000206	0.000141	0.000343	0.00131	0.000148
2074 Nov	0.000182	0.000991	0.0978	0.00000946	1.43	2.47	0.0235	0.000515	6.74	0.00137	0.0205	0.000134	0.000126	0.0000731	0.0883	0.00000206	0.000147	0.000353	0.00131	0.000163
2074 Dec	0.000183	0.000992	0.0979	0.00000946	1.43	2.48	0.0237	0.000515	6.77	0.00137	0.0206	0.000135	0.000127	0.0000734	0.0885	0.00000206	0.000148	0.000355	0.00132	0.000164
2075 Jan	0.000183	0.000992	0.098	0.00000946	1.43	2.48	0.0237	0.000515	6.78	0.00137	0.0206	0.000136	0.000127	0.0000735	0.0885	0.00000206	0.000148	0.000355	0.00132	0.000165
2075 Feb	0.000183	0.000993	0.098	0.00000946	1.43	2.48	0.0237	0.000515	6.78	0.00137	0.0206	0.000136	0.000127	0.0000735	0.0885	0.00000206	0.000148	0.000356	0.00132	0.000165
2075 Mar	0.000183	0.000994	0.0981	0.00000947	1.44	2.48	0.0237	0.000516	6.79	0.00138	0.0207	0.000136	0.000128	0.0000736	0.0887	0.00000207	0.000148	0.000356	0.00132	0.000165
2075 Apr	0.000185	0.001	0.0987	0.00000953	1.44	2.5	0.0239	0.000519	6.83	0.00138	0.0208	0.000137	0.000128	0.0000741	0.0892	0.00000208	0.000149	0.000358	0.00133	0.000166
2075 May	0.000299	0.00108	0.131	0.0000097	1.65	3.1	0.0453	0.000452	7.36	0.00154	0.02	0.000337	0.000163	0.0000914	0.113	0.00000209	0.000142	0.000593	0.00147	0.00015
2075 Jun	0.000211	0.000886	0.0995	0.00000903	1.51	2.67	0.0341	0.000345	7.43	0.00155	0.0241	0.000234	0.000243	0.0000908	0.0898	0.00000206	0.000168	0.00055	0.0017	0.000249
2075 Jul	0.00018	0.000864	0.0978	0.00000968	1.39	2.33	0.0282	0.000296	6.47	0.00145	0.0212	0.000195	0.000232	0.0000808	0.0806	0.00000214	0.000144	0.000494	0.00178	0.000195
2075 Aug	0.000161	0.000874	0.0958	0.00001	1.32	2.13	0.0236	0.000317	5.81	0.00135	0.0181	0.00016	0.000181	0.0000736	0.0773	0.00000216	0.000122	0.000385	0.00164	0.000143
2075 Sep	0.000157	0.000893	0.095	0.0000101	1.31	2.11	0.0216	0.000368	5.67	0.00131	0.0172	0.000137	0.000154	0.0000702	0.0779	0.00000216	0.000118	0.000346	0.00155	0.000123
2075 Oct	0.000165	0.000941	0.0957	0.00000978	1.35	2.25	0.0215	0.000447	6.05	0.00131	0.0183	0.000127	0.000133	0.0000695	0.082	0.0000021	0.00013	0.000338	0.00141	0.000137
2075 Nov	0.000166	0.000949	0.096	0.0000098	1.35	2.25	0.0212	0.000459	6.04	0.00131	0.0182	0.000123	0.000128	0.0000687	0.0824	0.0000021	0.00013	0.000334	0.00139	0.000134
2075 Dec	0.000166	0.00095	0.0961	0.0000098	1.35	2.25	0.0212	0.000459	6.05	0.00131	0.0182	0.000123	0.000128	0.0000688	0.0824	0.0000021	0.00013	0.000334	0.00139	0.000134
2076 Jan	0.000166	0.00095	0.0961	0.0000098	1.35	2.25	0.0212	0.00046	6.05	0.00131	0.0182	0.000123	0.000128	0.0000688	0.0825	0.0000021	0.00013	0.000334	0.0014	0.000134
2076 Feb	0.000166	0.00095	0.0962	0.00000981	1.35	2.25	0.0212	0.00046	6.05	0.00131	0.0182	0.000123	0.000129	0.0000689	0.0825	0.0000021	0.00013	0.000334	0.0014	0.000134
2076 Mar	0.000166	0.000952	0.0963	0.00000982	1.35	2.26	0.0213	0.00046	6.06	0.00131	0.0183	0.000124	0.000129	0.0000689	0.0826	0.0000021	0.00013	0.000335	0.0014	0.000134
2076 Apr	0.000167	0.000955	0.0966	0.00000985	1.36	2.27	0.0213	0.000462	6.08	0.00132	0.0183	0.000124	0.000129	0.0000692	0.0829	0.00000211	0.000131	0.000336	0.0014	0.000135
2076 May	0.000285	0.00104	0.128	0.00000982	1.6	2.95	0.0435	0.000412	6.96	0.0015	0.0188	0.000326	0.000168	0.000089	0.108	0.00000211	0.000133	0.000577	0.00152	0.00014
2076 Jun	0.000252	0.000938	0.108	0.00000879	1.67	3.02	0.0416	0.000371	8.35	0.00166	0.0264	0.000297	0.000252	0.000102	0.101	0.00000207	0.000189	0.000604	0.00165	0.000287
2076 Jul	0.000209	0.000921	0.102	0.00000947	1.56	2.69	0.0334	0.000351	7.62	0.00159	0.0248	0.000231	0.000243	0.0000926	0.0908	0.00000217	0.000175	0.00053	0.00173	0.000253
2076 Aug	0.000197	0.000942	0.102	0.00001	1.53	2.57	0.0303	0.000371	7.2	0.00154	0.0227	0.000205	0.000213	0.0000885	0.0896	0.00000224	0.000159	0.000463	0.00169	0.000214
2076 Sep	0.000182	0.000948	0.1	0.0000102	1.46	2.42	0.0261	0.000412	6.63	0.00144	0.0203	0.000167	0.000174	0.0000802	0.0869	0.00000222	0.000144	0.000401	0.00159	0.00017
2076 Oct	0.00017	0.000963	0.097	0.00000974	1.37	2.29	0.0215	0.000484	6.13	0.00131	0.0183	0.000123	0.000122	0.0000685	0.0841	0.00000209	0.000133	0.000337	0.00137	0.000133
2076 Nov	0.000173	0.000972	0.0971	0.00000962	1.39	2.35	0.022	0.000498	6.3	0.00132	0.0189	0.000125	0.000122	0.0000696	0.0854	0.00000208	0.000138	0.00034	0.00134	0.000144
2076 Dec	0.000174	0.000973	0.0972	0.00000963	1.39	2.35	0.0221	0.000499	6.32	0.00132	0.019	0.000126	0.000122	0.0000698	0.0855	0.00000208	0.000139	0.000341	0.00134	0.000145
2077 Jan	0.000174	0.000973	0.0972	0.00000963	1.39	2.35	0.0221	0.000499	6.32	0.00132	0.019	0.000126	0.000122	0.0000698	0.0855	0.00000208	0.000139	0.000341	0.00134	0.000145
2077 Feb	0.000174	0.000973	0.0972	0.00000963	1.39	2.35	0.0221	0.000499	6.32	0.00132	0.019	0.000126	0.000122	0.0000698	0.0855	0.00000208	0.000139	0.000341	0.00134	0.000145
2077 Mar	0.000174	0.000974	0.0973	0.00000963	1.39	2.35	0.0221	0.000499	6.32	0.00133	0.019	0.000126	0.000123	0.0000699	0.0856	0.00000208	0.000139	0.000342	0.00134	0.000145
2077 Apr	0.000175	0.000978	0.0977	0.00000968	1.4	2.36	0.0222	0.000501	6.35	0.00133	0.0191	0.000126	0.000123	0.0000702	0.086	0.00000209	0.00014	0.000343	0.00135	0.000145
2077 May	0.000254	0.00103	0.118	0.00000965	1.58	2.85	0.0374	0.000463	7.12	0.00148	0.0201	0.000265	0.000158	0.0000858	0.103	0.00000211	0.000147	0.000509	0.00145	0.000164
2077 Jun	0.000215	0.000862	0.102	0.00000918	1.49	2.59	0.0352	0.000313	7	0.00152	0.0223	0.000249	0.000249	0.0000887	0.089	0.00000208	0.000159	0.000581	0.00177	0.000224
2077 Jul	0.000185	0.000838	0.1	0.00000994	1.38	2.28	0.0296	0.000273	6.08	0.00144	0.0198	0.000207	0.00025	0.0000792	0.0806	0.00000218	0.000137	0.000558	0.00193	0.000173
2077 Aug	0.00018	0.000872	0.101	0.0000104	1.39	2.25	0.0277	0.000307	5.97	0.00143	0.0188	0.000188	0.000224	0.0000782	0.0817	0.00000225	0.00013	0.000501	0.00188	0.000151
2077 Sep	0.000169	0.000923	0.0939	0.0000096	1.37	2.27	0.0224	0.000463	6.09	0.00131	0.018	0.000129	0.000131	0.0000708	0.0834	0.00000207	0.000133	0.000345	0.00139	0.000141
2077 Oct	0.000191	0.000984	0.098	0.00000931	1.49	2.57	0.026	0.000513	7.05	0.00142	0.0213	0.000154	0.000142	0.0000785	0.0909	0.00000207	0.000161	0.000379	0.00133	0.000196
2077 Nov	0.000192	0.000988	0.0983	0.00000934	1.49	2.58	0.026	0.000516	7.07	0.00142	0.0214	0.000154	0.000142	0.0000786	0.0911	0.00000208	0.000161	0.000379	0.00134	0.000196
2077 Dec	0.000192	0.000988	0.0984	0.00000935	1.49	2.58	0.026	0.000516	7.07	0.00142	0.0214	0.000154	0.000142	0.0000787	0.0912	0.00000208	0.000161	0.00038	0.00134	0.000196
2078 Jan	0.000192	0.000989	0.0984	0.00000935	1.49	2.58	0.026	0.000516	7.07	0.00142	0.0214	0.000154	0.000142	0.0000787	0.0912	0.00000208	0.000161	0.00038	0.00134	0.000196
2078 Feb	0.000192	0.000989	0.0984	0.00000935	1.49	2.58	0.026	0.000516	7.07	0.00142	0.0214	0.000154	0.000142	0.0000787	0.0912	0.00000208	0.000161	0.00038	0.00134	0.000196
2078 Mar	0.000192	0.000989	0.0985	0.00000935	1.49	2.58	0.026	0.000517	7.08	0.00142	0.0214	0.000154	0.000142	0.0000787	0.0913	0.00000208	0.000161	0.00038	0.00134	0.000196
2078 Apr	0.000194	0.000997	0.0993	0.00000943	1.51	2.6	0.0262	0.000521	7.13	0.00143	0.0216	0.000155	0.000143	0.0000794	0.092	0.0000021	0.000162	0.000383	0.00135	0.000198
2078 May	0.000334	0.00108	0.135	0.00000927	1.8	3.43	0.0534	0.000433	8.31	0.00168	0.0228	0.000406	0.000204	0.000106	0.121	0.0000021	0.00017	0.000679	0.00152	0.000224
2078 Jun	0.000259	0.000946	0.11	0.00000891	1.7	3.06	0.0428	0.000382	8.36	0.00167	0.0259	0.000307	0.000253	0.000104	0.103	0.00000211	0.000194	0.000617	0.00167	0.000292
2078 Jul	0.000228	0.000947	0.109	0.00000966	1.6	2.77	0.0366	0.000352	7.54	0.00159	0.0235	0.000264	0.000238	0.0000942	0.0954	0.00000221	0.000172	0.000554	0.00173	0.000242
2078 Aug	0.000185	0.000927	0.103	0.00001	1.41	2.32	0.0275	0.000338	6.21	0.00139	0.0186	0.000198	0.000172	0.0000787	0.0842	0.00000219	0.000132	0.00039	0.00156	0.000156
2078 Sep	0.000164	0.000915	0.0971	0.0000102	1.33	2.13	0.0221	0.000397	5.61	0.00128	0.0159	0.000143	0.000125	0.0000701	0.0808	0.00000215	0.000114	0.000308	0.00143	0.000109
2078 Oct	0.000174	0.000951	0.0977	0.00000977	1.38	2.3	0.023	0.00046	6.09	0.00131	0.0177	0.000141	0.000123	0.0000713	0.0848	0.00000211	0.000131	0.000328	0.00135	0.000138
2078 Nov	0.000178	0.000962	0.0982	0.00000971	1.4	2.35	0.0234	0.000474	6.25	0.00133	0.0182	0.000142	0.000124	0.0000723	0.0861	0.0000021	0.000137	0.000335	0.00134	0.000147
2078 Dec	0.000178	0.000963	0.0983	0.00000971	1.4	2.35	0.0234	0.000475	6.25	0.00133	0.0182	0.000142	0.000124	0.0000723	0.0862	0.00000211	0.000137	0.000335	0.00134	0.000147
2079 Jan	0.000178	0.000963	0.0983	0.00000971	1.4	2.35	0.0234	0.000475	6.26	0.00133	0.0182	0.000142	0.000124	0.0000723	0.0862	0.00000211	0.000137	0.000335	0.00134	0.000147
2079 Feb	0.000178	0.000963	0.0983	0.00000971	1.4	2.35	0.0234	0.000475	6.26	0.00133	0.0182	0.000142	0.000124	0.0000723	0.0862	0.00000211	0.000137	0.000335	0.00134	0.000147
2079 Mar	0.000178	0.000964	0.0984	0.00000972	1.4	2.35	0.0235	0.000475	6.26	0.00133	0.0183	0.000143	0.000124	0.0000724	0.0862	0.00000211	0.000137	0.000336	0.00135	0.000147
2079 Apr	0.000179	0.000968	0.0988	0.00000977	1.41	2.36	0.0236	0.000477	6.29	0.00134	0.0183	0.000143	0.000124	0.0000727	0.0866	0.00000212	0.000137	0.000337	0.00135	0.000148
2079 May	0.000209	0.001	0.108	0.00000993	1.48	2.55	0.029	0.000471	6.52	0.00139	0.0185	0.000192	0.000134	0.0000778	0.0936	0.00000215	0.000138	0.000399	0.0014	0.000146

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2079 Jun	0.000225	0.000882	0.103	0.00000897	1.57	2.73	0.0369	0.000347	7.43	0.00156	0.0233	0.00026	0.000248	0.0000935	0.093	0.00000209	0.000176	0.000578	0.00171	0.000259
2079 Jul	0.000182	0.000853	0.0987	0.00000964	1.4	2.3	0.0287	0.000297	6.23	0.00142	0.0198	0.000203	0.000227	0.0000797	0.0809	0.00000215	0.000144	0.000496	0.00176	0.000189
2079 Aug	0.000167	0.000886	0.1	0.0000102	1.34	2.15	0.0247	0.000304	5.73	0.00135	0.0175	0.000176	0.000186	0.0000737	0.0781	0.0000022	0.000125	0.000401	0.00167	0.000144
2079 Sep	0.000167	0.000932	0.0968	0.00000978	1.35	2.22	0.022	0.000438	5.87	0.00129	0.0172	0.000135	0.000132	0.0000688	0.0819	0.00000211	0.000129	0.00034	0.00141	0.000133
2079 Oct	0.000191	0.000978	0.099	0.00000936	1.48	2.53	0.026	0.000501	6.84	0.00139	0.0203	0.000158	0.000141	0.0000773	0.0901	0.00000209	0.000158	0.000378	0.00134	0.000192
2079 Nov	0.000201	0.000993	0.1	0.00000923	1.54	2.67	0.0281	0.000517	7.28	0.00145	0.0218	0.000173	0.000151	0.0000821	0.0936	0.00000209	0.000171	0.0004	0.00134	0.00022
2079 Dec	0.000204	0.000998	0.101	0.00000919	1.55	2.7	0.0286	0.000523	7.39	0.00146	0.0221	0.000176	0.000152	0.0000831	0.0945	0.00000209	0.000174	0.000405	0.00133	0.000227
2080 Jan	0.000204	0.000999	0.101	0.00000919	1.55	2.71	0.0286	0.000523	7.39	0.00146	0.0221	0.000176	0.000152	0.0000832	0.0946	0.00000209	0.000174	0.000405	0.00133	0.000228
2080 Feb	0.000204	0.000999	0.101	0.00000919	1.55	2.71	0.0286	0.000523	7.4	0.00146	0.0221	0.000176	0.000152	0.0000832	0.0946	0.00000209	0.000174	0.000405	0.00133	0.000228
2080 Mar	0.000204	0.000999	0.101	0.00000919	1.55	2.71	0.0286	0.000523	7.4	0.00146	0.0221	0.000176	0.000152	0.0000832	0.0946	0.00000209	0.000174	0.000405	0.00133	0.000228
2080 Apr	0.000205	0.001	0.101	0.00000922	1.56	2.71	0.0287	0.000525	7.42	0.00147	0.0222	0.000177	0.000153	0.0000835	0.0949	0.0000021	0.000175	0.000406	0.00134	0.000228
2080 May	0.000216	0.00103	0.105	0.00000942	1.6	2.8	0.0305	0.000531	7.57	0.0015	0.0225	0.000192	0.000157	0.0000859	0.0981	0.00000214	0.000177	0.000428	0.00137	0.00023
2080 Jun	0.000209	0.000884	0.0998	0.00000913	1.54	2.63	0.0335	0.000368	7.2	0.00152	0.0225	0.000229	0.000234	0.0000893	0.0902	0.00000211	0.000173	0.00054	0.00168	0.000248
2080 Jul	0.00018	0.000868	0.0983	0.00000954	1.39	2.3	0.0278	0.000309	6.27	0.0014	0.0196	0.000199	0.00021	0.0000792	0.0807	0.00000214	0.000145	0.000453	0.00166	0.000192
2080 Aug	0.000161	0.000888	0.0966	0.0000099	1.32	2.11	0.023	0.000331	5.7	0.0013	0.0169	0.000162	0.000154	0.0000722	0.0774	0.00000215	0.000123	0.000329	0.00149	0.000141
2080 Sep	0.000174	0.000926	0.0941	0.00000955	1.43	2.35	0.024	0.000457	6.4	0.00135	0.0185	0.000147	0.000133	0.0000764	0.0855	0.00000211	0.000144	0.000326	0.00135	0.000169
2080 Oct	0.000201	0.000981	0.0988	0.0000092	1.56	2.68	0.0286	0.000512	7.41	0.00147	0.022	0.000177	0.000156	0.0000847	0.0939	0.00000211	0.000176	0.000396	0.00134	0.000232
2080 Nov	0.000206	0.000994	0.0998	0.00000912	1.59	2.75	0.0294	0.000526	7.61	0.00149	0.0228	0.000182	0.00016	0.0000862	0.0956	0.00000211	0.000183	0.000411	0.00134	0.000245
2080 Dec	0.000207	0.000995	0.0999	0.00000912	1.59	2.76	0.0295	0.000527	7.63	0.00149	0.0228	0.000182	0.000161	0.0000864	0.0958	0.00000211	0.000184	0.000412	0.00134	0.000247
2081 Jan	0.000207	0.000995	0.0999	0.00000912	1.59	2.76	0.0295	0.000527	7.64	0.00149	0.0228	0.000183	0.000161	0.0000864	0.0958	0.00000211	0.000184	0.000412	0.00134	0.000247
2081 Feb	0.000207	0.000995	0.0999	0.00000912	1.59	2.76	0.0295	0.000527	7.64	0.00149	0.0228	0.000183	0.000161	0.0000864	0.0958	0.00000211	0.000184	0.000412	0.00134	0.000247
2081 Mar	0.000207	0.000996	0.1	0.00000913	1.59	2.76	0.0295	0.000527	7.64	0.00149	0.0228	0.000183	0.000161	0.0000865	0.0959	0.00000211	0.000184	0.000412	0.00134	0.000247
2081 Apr	0.000209	0.001	0.101	0.00000917	1.6	2.78	0.0299	0.000529	7.68	0.0015	0.0229	0.000184	0.000162	0.0000869	0.0966	0.00000212	0.000185	0.000416	0.00135	0.000248
2081 May	0.000354	0.00109	0.141	0.00000928	1.86	3.53	0.0573	0.000432	8.38	0.0017	0.0221	0.000439	0.00021	0.000109	0.126	0.00000212	0.000175	0.000719	0.00154	0.000227
2081 Jun	0.000269	0.00095	0.114	0.00000899	1.74	3.09	0.0447	0.000389	8.23	0.00166	0.0245	0.000326	0.000251	0.000104	0.106	0.00000215	0.000195	0.000635	0.00167	0.000287
2081 Jul	0.000252	0.000973	0.114	0.00000975	1.74	3.02	0.0414	0.000392	8.16	0.00169	0.0248	0.000296	0.000262	0.000103	0.104	0.0000023	0.000196	0.000624	0.00181	0.000281
2081 Aug	0.000252	0.00101	0.117	0.0000104	1.78	3.04	0.0406	0.000414	8.19	0.00172	0.0246	0.000287	0.000254	0.000104	0.106	0.00000241	0.000193	0.000604	0.00185	0.000269
2081 Sep	0.000198	0.000963	0.104	0.0000103	1.52	2.51	0.0285	0.000458	6.61	0.00144	0.0189	0.000182	0.000162	0.0000818	0.0924	0.00000226	0.000147	0.000419	0.00156	0.000164
2081 Oct	0.000183	0.000969	0.101	0.0000102	1.43	2.35	0.0242	0.000486	6.08	0.00134	0.0172	0.000144	0.00013	0.0000723	0.0883	0.0000022	0.000133	0.000368	0.00146	0.000126
2081 Nov	0.000168	0.000965	0.0987	0.0000101	1.34	2.2	0.0204	0.000505	5.59	0.00125	0.0157	0.000113	0.000102	0.0000637	0.0841	0.00000213	0.000121	0.000323	0.00136	0.0000944
2081 Dec	0.000167	0.000966	0.0986	0.0000101	1.34	2.19	0.02	0.000507	5.56	0.00124	0.0155	0.00011	0.0000994	0.000063	0.0838	0.00000212	0.00012	0.00032	0.00135	0.0000916
2082 Jan	0.000167	0.000966	0.0986	0.0000101	1.34	2.19	0.02	0.000507	5.56	0.00124	0.0155	0.00011	0.0000994	0.000063	0.0838	0.00000212	0.00012	0.00032	0.00135	0.0000916
2082 Feb	0.000167	0.000966	0.0986	0.0000101	1.34	2.19	0.0201	0.000507	5.56	0.00124	0.0155	0.00011	0.0000994	0.000063	0.0838	0.00000213	0.00012	0.00032	0.00135	0.0000916
2082 Mar	0.000167	0.000967	0.0987	0.0000101	1.34	2.19	0.0201	0.000508	5.56	0.00124	0.0156	0.00011	0.0000995	0.0000631	0.0839	0.00000213	0.00012	0.00032	0.00135	0.0000917
2082 Apr	0.000168	0.00097	0.0991	0.0000101	1.34	2.2	0.0201	0.000509	5.58	0.00124	0.0156	0.00011	0.0000999	0.0000633	0.0842	0.00000213	0.00012	0.000321	0.00136	0.000092
2082 May	0.000172	0.000988	0.101	0.0000103	1.37	2.24	0.0207	0.000518	5.69	0.00127	0.0159	0.000114	0.000102	0.0000646	0.0859	0.00000217	0.000122	0.000329	0.00138	0.0000935
2082 Jun	0.000197	0.000873	0.0977	0.00000925	1.5	2.52	0.031	0.000378	6.84	0.00147	0.021	0.000207	0.000223	0.0000854	0.0875	0.00000213	0.000168	0.000511	0.00167	0.000234
2082 Jul	0.000184	0.000873	0.0993	0.00000971	1.45	2.37	0.0289	0.000326	6.45	0.00144	0.02	0.000202	0.000224	0.0000823	0.0831	0.0000022	0.000156	0.000484	0.00173	0.000211
2082 Aug	0.00017	0.000889	0.098	0.0000102	1.4	2.23	0.0252	0.000351	6.02	0.00138	0.0179	0.000171	0.000185	0.0000775	0.0814	0.00000224	0.000137	0.0004	0.00165	0.000166
2082 Sep	0.000159	0.000901	0.0954	0.0000102	1.35	2.13	0.0216	0.000405	5.64	0.0013	0.0162	0.000133	0.000144	0.0000708	0.0801	0.0000022	0.000124	0.000336	0.00152	0.000127
2082 Oct	0.000171	0.000953	0.0958	0.00000953	1.4	2.32	0.022	0.000504	6.16	0.0013	0.0178	0.000126	0.000121	0.0000696	0.085	0.00000209	0.000143	0.000335	0.00132	0.000153
2082 Nov	0.000172	0.000959	0.0962	0.00000955	1.41	2.33	0.022	0.000509	6.19	0.0013	0.0179	0.000125	0.00012	0.0000698	0.0855	0.0000021	0.000144	0.000336	0.00132	0.000154
2082 Dec	0.000173	0.00096	0.0963	0.00000956	1.41	2.33	0.0221	0.000509	6.21	0.00131	0.0179	0.000126	0.000121	0.0000699	0.0856	0.0000021	0.000145	0.000337	0.00132	0.000155
2083 Jan	0.000173	0.00096	0.0963	0.00000956	1.41	2.33	0.0221	0.000509	6.21	0.00131	0.0179	0.000126	0.000121	0.00007	0.0856	0.0000021	0.000145	0.000337	0.00132	0.000155
2083 Feb	0.000173	0.00096	0.0963	0.00000957	1.41	2.34	0.0221	0.000509	6.21	0.00131	0.0179	0.000126	0.000121	0.00007	0.0856	0.0000021	0.000145	0.000337	0.00132	0.000155
2083 Mar	0.000173	0.000961	0.0964	0.00000957	1.41	2.34	0.0221	0.00051	6.22	0.00131	0.018	0.000126	0.000121	0.0000701	0.0857	0.0000021	0.000145	0.000337	0.00132	0.000155
2083 Apr	0.000174	0.000966	0.0969	0.00000962	1.42	2.35	0.0223	0.000512	6.25	0.00131	0.018	0.000127	0.000122	0.0000704	0.0862	0.00000212	0.000146	0.000339	0.00133	0.000156
2083 May	0.000291	0.00104	0.127	0.00000959	1.68	3.06	0.0448	0.000453	7.29	0.00153	0.0192	0.000332	0.000173	0.000093	0.111	0.00000214	0.000155	0.000587	0.00148	0.000182
2083 Jun	0.000247	0.000915	0.108	0.00000898	1.69	2.93	0.0409	0.000388	7.84	0.00161	0.0233	0.000292	0.00025	0.0001	0.101	0.00000216	0.000194	0.000603	0.00168	0.000294
2083 Jul	0.000198	0.000893	0.102	0.00000963	1.53	2.52	0.0316	0.000351	6.86	0.0015	0.0209	0.000221	0.000231	0.0000874	0.0879	0.00000223	0.000169	0.000506	0.00172	0.000239
2083 Aug	0.00016	0.000902	0.0978	0.00000994	1.32	2.1	0.0225	0.000335	5.64	0.00129	0.0162	0.000163	0.000145	0.0000717	0.0775	0.00000217	0.000124	0.000306	0.00144	0.000144
2083 Sep	0.000176	0.000946	0.0973	0.00000957	1.43	2.36	0.0241	0.000459	6.35	0.00134	0.0182	0.000153	0.000137	0.0000751	0.0856	0.00000214	0.000149	0.000338	0.00135	0.00018
2083 Oct	0.000208	0.000987	0.0997	0.00000906	1.62	2.78	0.0301	0.000536	7.64	0.0015	0.0223	0.000187	0.000167	0.0000879	0.0965	0.00000215	0.000193	0.000421	0.00135	0.000269
2083 Nov	0.000212	0.000989	0.1	0.00000901	1.65	2.83	0.0311	0.000539	7.83	0.00152	0.0229	0.000194	0.000174	0.0000903	0.0979	0.00000215	0.000199	0.000433	0.00136	0.000283
2083 Dec	0.000212	0.000989	0.1	0.00000901	1.65	2.83	0.0311	0.000539	7.83	0.00152	0.023	0.000195	0.000174	0.0000903	0.098	0.00000215	0.000199	0.000434	0.00136	0.000283
2084 Jan	0.000212	0.000989	0.1	0.00000901	1.65	2.84	0.0311	0.000539	7.84	0.00152	0.023	0.000195	0.000174	0.0000904	0.098	0.00000215	0.000199	0.000434	0.00136	0.000283
2084 Feb	0.000212	0.00099	0.1	0.00000901	1.65	2.84	0.0311	0.000539	7.84	0.00152	0.023	0.000195	0.000174	0.0000904	0.098	0.00000216	0.000199	0.000434	0.00136	0.000284
2084 Mar	0.000212	0.000991	0.1	0.00000902	1.66	2.84	0.0312	0.00054	7.84	0.00153	0.023	0.000195	0.000174	0.0000905	0.0981	0.00000216	0.000199	0.000434	0.00136	0.000284
2084 Apr	0.000214	0.000999	0.101	0.00000909	1.67	2.86	0.0314	0.000544	7.91	0.00154	0.0232	0.000197	0.000176	0.0000912	0.0989	0.00000217	0.000201	0.000438	0.00137	0.000286
2084 May	0.000356	0.00108	0.141	0.00000927	1.89	3.55	0.058	0.000441	8.36	0.0017	0.0215	0.000448	0.000215	0.000111	0.127	0.00000216	0.000182	0.00073	0.00155	0.000245
2084 Jun	0.000243	0.000905	0.107	0.00000896	1.69	2.89	0.0403	0.000393	7.74	0.00159	0.0227	0.000287	0.000247	0.0000991	0.0997	0.00000218	0.000195	0.000596	0.00167	0.00029
2084 Jul	0.000201	0.000889	0.103	0.0000097	1.53	2.51	0.0322	0.00035	6.75	0.00149	0.0203	0.000228	0.000232	0.000087	0.0884	0.00000225	0.000167	0.000519	0.00175	0.000229
2084 Aug	0.000183	0.000899	0.101	0.0000101	1.46	2.33	0.0277	0.000363	6.22	0.00141	0.0181	0.000191	0.000191	0.0000807	0.085	0.00000226	0.000146	0.000427	0.00165	0.00018
2084 Sep	0.000161	0.000888	0.0935	0.00000998	1.36	2.13	0.022	0.000425	5.62	0.00128	0.0156	0.000133	0.000133	0.0000709	0.0811	0.00000217	0.000125	0.000323	0.00145	0.000128
2084 Oct	0.000182	0.000954	0.0968	0.00000943	1.47	2.43	0.0246	0.000513	6.5	0.00135	0.0184	0.000146	0.000133	0.0000753	0.0886	0.00000213	0.000157	0.000357	0.00133	0.000185
2084 Nov	0.000196	0.000974	0.0985	0.00000924	1.56	2.61	0.0274	0.000533	7.07	0.00142	0.0202	0.000166	0.000148	0.0000815	0.0931	0.00000214	0.000176	0.00039	0.00133	0.000227
2084 Dec	0.000196	0.000974	0.0986	0.00000925	1.56	2.62	0.0274	0.000534	7.08	0.00142	0.0202	0.000167	0.000148	0.0000816	0.0931	0.00000215	0.000176	0.00039	0.00133	0.000227
2085 Jan	0.000196	0.000974	0.0986	0.00000925	1.56	2.62	0.0274	0.000534	7.08	0.00142	0.0202	0.000167	0.000148	0.0000816	0.0932	0.00000215	0.000176	0.00039	0.00133	0.000227

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2085 Feb	0.000196	0.000974	0.0986	0.00000925	1.56	2.62	0.0274	0.000534	7.08	0.00142	0.0203	0.000167	0.000148	0.0000816	0.0932	0.00000215	0.000176	0.00039	0.00133	0.000227
2085 Mar	0.000196	0.000975	0.0987	0.00000925	1.56	2.62	0.0274	0.000534	7.08	0.00142	0.0203	0.000167	0.000148	0.0000816	0.0932	0.00000215	0.000176	0.00039	0.00133	0.000227
2085 Apr	0.000197	0.000979	0.0991	0.00000929	1.56	2.63	0.0275	0.000536	7.11	0.00143	0.0203	0.000167	0.000149	0.000082	0.0936	0.00000216	0.000177	0.000392	0.00134	0.000228
2085 May	0.000352	0.00107	0.141	0.00000932	1.86	3.47	0.0571	0.000438	8.07	0.00166	0.0203	0.000442	0.000206	0.000108	0.125	0.00000216	0.000174	0.000717	0.00153	0.000226
2085 Jun	0.000293	0.000955	0.123	0.00000922	1.76	3.13	0.0489	0.000379	7.76	0.00163	0.0213	0.000368	0.000249	0.000104	0.11	0.0000022	0.000184	0.000686	0.00171	0.000263
2085 Jul	0.000258	0.000954	0.12	0.00000986	1.63	2.81	0.0417	0.000345	6.97	0.00154	0.0194	0.000317	0.00023	0.0000938	0.101	0.00000226	0.000161	0.000605	0.00175	0.000212
2085 Aug	0.000191	0.000896	0.101	0.00000982	1.42	2.31	0.0284	0.000382	5.91	0.00134	0.0158	0.000199	0.000149	0.0000783	0.0867	0.00000216	0.000129	0.000376	0.00146	0.000147
2085 Sep	0.000199	0.000959	0.0982	0.00000927	1.57	2.63	0.0286	0.000521	7.09	0.00143	0.0198	0.000178	0.00015	0.0000844	0.094	0.00000216	0.000175	0.000387	0.00134	0.000233
2085 Oct	0.000213	0.000985	0.1	0.00000903	1.66	2.82	0.0314	0.000548	7.71	0.00151	0.0219	0.000197	0.00017	0.0000903	0.0986	0.00000218	0.000199	0.000429	0.00134	0.000284
2085 Nov	0.000217	0.000989	0.101	0.00000898	1.69	2.87	0.0321	0.000552	7.86	0.00153	0.0224	0.000203	0.000175	0.000092	0.0997	0.00000218	0.000204	0.000439	0.00135	0.000297
2085 Dec	0.000217	0.00099	0.101	0.00000899	1.69	2.87	0.0322	0.000552	7.86	0.00153	0.0224	0.000203	0.000175	0.0000921	0.0997	0.00000218	0.000204	0.000439	0.00135	0.000297
2086 Jan	0.000217	0.00099	0.101	0.00000899	1.69	2.87	0.0322	0.000552	7.86	0.00153	0.0224	0.000203	0.000175	0.0000921	0.0998	0.00000218	0.000204	0.000439	0.00135	0.000297
2086 Feb	0.000217	0.00099	0.101	0.00000899	1.69	2.87	0.0322	0.000552	7.86	0.00153	0.0224	0.000203	0.000175	0.0000921	0.0998	0.00000219	0.000204	0.000439	0.00135	0.000297
2086 Mar	0.000217	0.00099	0.101	0.00000899	1.69	2.87	0.0322	0.000553	7.87	0.00153	0.0224	0.000203	0.000175	0.0000922	0.0998	0.00000219	0.000205	0.00044	0.00135	0.000297
2086 Apr	0.000218	0.000996	0.102	0.00000904	1.7	2.89	0.0324	0.000556	7.91	0.00154	0.0226	0.000204	0.000176	0.0000927	0.1	0.0000022	0.000206	0.000442	0.00136	0.000299
2086 May	0.000289	0.00105	0.122	0.00000927	1.81	3.23	0.0453	0.00051	8.12	0.00162	0.0217	0.000326	0.000193	0.000102	0.115	0.00000221	0.000195	0.000585	0.00145	0.000272
2086 Jun	0.000235	0.000886	0.106	0.00000904	1.65	2.8	0.039	0.000389	7.37	0.00155	0.0212	0.000277	0.000245	0.0000963	0.0974	0.0000022	0.000189	0.000589	0.00169	0.000282
2086 Jul	0.000189	0.00087	0.101	0.00000988	1.49	2.39	0.0301	0.000342	6.36	0.00145	0.0189	0.000211	0.000233	0.0000836	0.0852	0.00000228	0.000161	0.000512	0.0018	0.000218
2086 Aug	0.000162	0.000874	0.0969	0.0000102	1.36	2.11	0.0236	0.000351	5.56	0.00131	0.0158	0.000161	0.000167	0.0000733	0.079	0.00000224	0.000128	0.000364	0.00159	0.000146
2086 Sep	0.000161	0.000895	0.0916	0.00000977	1.38	2.17	0.0215	0.000463	5.74	0.00127	0.0155	0.000125	0.000119	0.0000713	0.0823	0.00000215	0.000131	0.000299	0.00135	0.000142
2086 Oct	0.00017	0.000935	0.0945	0.00000963	1.42	2.29	0.0223	0.000507	6.05	0.00129	0.0165	0.000128	0.000117	0.0000717	0.0856	0.00000214	0.000143	0.000318	0.00131	0.000159
2086 Nov	0.000171	0.000939	0.0949	0.00000966	1.43	2.3	0.0224	0.000509	6.07	0.0013	0.0166	0.000129	0.000118	0.000072	0.086	0.00000215	0.000144	0.00032	0.00132	0.00016
2086 Dec	0.000171	0.000939	0.0949	0.00000966	1.43	2.31	0.0225	0.000509	6.08	0.0013	0.0166	0.000129	0.000118	0.0000721	0.0861	0.00000215	0.000144	0.00032	0.00132	0.00016
2087 Jan	0.000171	0.000939	0.0949	0.00000966	1.43	2.31	0.0225	0.000509	6.08	0.0013	0.0166	0.000129	0.000118	0.0000721	0.0861	0.00000215	0.000144	0.00032	0.00132	0.00016
2087 Feb	0.000171	0.00094	0.095	0.00000967	1.43	2.31	0.0225	0.00051	6.08	0.0013	0.0166	0.000129	0.000118	0.0000721	0.0861	0.00000215	0.000144	0.00032	0.00132	0.00016
2087 Mar	0.000171	0.000941	0.0951	0.00000968	1.43	2.31	0.0225	0.00051	6.09	0.0013	0.0167	0.000129	0.000118	0.0000722	0.0862	0.00000216	0.000144	0.00032	0.00132	0.00016
2087 Apr	0.000172	0.000943	0.0954	0.00000971	1.43	2.32	0.0226	0.000512	6.11	0.00131	0.0167	0.00013	0.000119	0.0000724	0.0865	0.00000216	0.000145	0.000321	0.00132	0.000161
2087 May	0.000259	0.001	0.118	0.00000962	1.63	2.85	0.0391	0.000476	6.93	0.00147	0.0178	0.00028	0.000157	0.0000889	0.105	0.00000218	0.000155	0.000507	0.00143	0.000185
2087 Jun	0.000263	0.000907	0.115	0.00000929	1.67	2.88	0.0437	0.000365	7.16	0.00156	0.0197	0.000324	0.000246	0.0000971	0.102	0.00000221	0.000176	0.000647	0.00174	0.00025
2087 Jul	0.000205	0.000883	0.108	0.00000983	1.43	2.35	0.0322	0.000307	5.87	0.00138	0.0165	0.000243	0.000206	0.0000797	0.0861	0.0000022	0.000136	0.0005	0.00169	0.00017
2087 Aug	0.000192	0.000915	0.108	0.0000103	1.41	2.27	0.0289	0.000324	5.71	0.00136	0.0158	0.000217	0.00018	0.0000769	0.0847	0.00000226	0.000128	0.000428	0.00164	0.000147
2087 Sep	0.000179	0.000938	0.105	0.0000104	1.37	2.19	0.0249	0.000384	5.46	0.0013	0.0149	0.000174	0.000145	0.0000703	0.0834	0.00000224	0.000119	0.000374	0.00154	0.000115
2087 Oct	0.000174	0.000954	0.102	0.0000101	1.36	2.2	0.0225	0.00045	5.52	0.00126	0.0151	0.000145	0.000122	0.0000667	0.0836	0.00000218	0.000124	0.000344	0.00142	0.000116
2087 Nov	0.000176	0.000962	0.101	0.00000993	1.39	2.26	0.0227	0.000479	5.73	0.00127	0.0157	0.000141	0.000119	0.0000677	0.0851	0.00000217	0.000132	0.000344	0.00137	0.000131
2087 Dec	0.000176	0.000963	0.101	0.00000993	1.39	2.26	0.0227	0.00048	5.73	0.00127	0.0157	0.000141	0.000119	0.0000677	0.0851	0.00000217	0.000132	0.000344	0.00138	0.000131
2088 Jan	0.000176	0.000963	0.101	0.00000994	1.39	2.26	0.0227	0.00048	5.73	0.00127	0.0157	0.000141	0.000119	0.0000678	0.0852	0.00000217	0.000132	0.000344	0.00138	0.000131
2088 Feb	0.000176	0.000963	0.101	0.00000994	1.39	2.26	0.0227	0.00048	5.74	0.00127	0.0157	0.000141	0.000119	0.0000678	0.0852	0.00000217	0.000132	0.000344	0.00138	0.000131
2088 Mar	0.000176	0.000964	0.101	0.00000995	1.39	2.26	0.0227	0.00048	5.74	0.00128	0.0157	0.000141	0.000119	0.0000679	0.0853	0.00000217	0.000132	0.000344	0.00138	0.000132
2088 Apr	0.000178	0.000976	0.103	0.0000101	1.4	2.29	0.0231	0.000486	5.81	0.00129	0.0159	0.000143	0.000121	0.0000686	0.0863	0.00000219	0.000134	0.000349	0.00139	0.000133
2088 May	0.000209	0.00102	0.112	0.0000103	1.48	2.49	0.0283	0.00049	6.1	0.00135	0.0162	0.000173	0.000127	0.0000723	0.0939	0.00000224	0.000136	0.000404	0.00144	0.000132
2088 Jun	0.000201	0.000833	0.1	0.00000934	1.49	2.43	0.0326	0.000345	6.28	0.00143	0.0181	0.000227	0.000235	0.0000839	0.0865	0.00000218	0.000161	0.00055	0.00175	0.000228
2088 Jul	0.000186	0.000839	0.1	0.00000994	1.47	2.33	0.0299	0.000328	6.11	0.00144	0.0181	0.000206	0.000248	0.0000823	0.0834	0.00000229	0.000158	0.000546	0.00189	0.000218
2088 Aug	0.000187	0.000891	0.104	0.0000106	1.51	2.37	0.0292	0.000356	6.19	0.00147	0.0181	0.000198	0.000235	0.0000835	0.0863	0.0000024	0.000155	0.000518	0.00191	0.000203
2088 Sep	0.000176	0.000905	0.102	0.0000107	1.46	2.28	0.026	0.000394	5.9	0.00141	0.0169	0.000167	0.000199	0.0000779	0.0849	0.00000237	0.000142	0.000455	0.00179	0.000168
2088 Oct	0.000164	0.000944	0.097	0.00000989	1.36	2.19	0.0204	0.0005	5.58	0.00125	0.0155	0.000114	0.000119	0.0000647	0.0828	0.00000215	0.000132	0.000342	0.0014	0.000129
2088 Nov	0.000169	0.00096	0.0973	0.00000972	1.39	2.27	0.0211	0.000526	5.83	0.00127	0.0161	0.000117	0.000114	0.0000664	0.0849	0.00000214	0.00014	0.000339	0.00134	0.000145
2088 Dec	0.00017	0.00096	0.0974	0.00000973	1.39	2.27	0.0211	0.000527	5.83	0.00127	0.0161	0.000117	0.000114	0.0000664	0.085	0.00000214	0.00014	0.000339	0.00134	0.000145
2089 Jan	0.00017	0.00096	0.0974	0.00000973	1.39	2.27	0.0211	0.000527	5.83	0.00127	0.0161	0.000117	0.000114	0.0000664	0.085	0.00000214	0.00014	0.000339	0.00134	0.000145
2089 Feb	0.00017	0.000961	0.0974	0.00000973	1.39	2.27	0.0211	0.000527	5.83	0.00127	0.0161	0.000117	0.000114	0.0000664	0.085	0.00000214	0.00014	0.000339	0.00134	0.000145
2089 Mar	0.00017	0.000962	0.0976	0.00000975	1.39	2.28	0.0211	0.000528	5.84	0.00127	0.0161	0.000117	0.000115	0.0000665	0.0852	0.00000214	0.000141	0.000339	0.00134	0.000146
2089 Apr	0.000171	0.000969	0.0983	0.00000981	1.4	2.29	0.0213	0.000531	5.88	0.00128	0.0162	0.000118	0.000115	0.000067	0.0858	0.00000216	0.000142	0.000342	0.00135	0.000147
2089 May	0.000284	0.00104	0.127	0.00000972	1.68	3	0.0432	0.00048	7.02	0.0015	0.0176	0.000316	0.000166	0.0000903	0.111	0.00000219	0.000156	0.000575	0.00148	0.000184
2089 Jun	0.000311	0.000967	0.13	0.00000955	1.76	3.15	0.0519	0.000364	7.4	0.00162	0.019	0.000399	0.00025	0.000104	0.113	0.00000224	0.000172	0.000729	0.00178	0.000243
2089 Jul	0.000245	0.000936	0.12	0.00001	1.53	2.61	0.0391	0.000315	6.2	0.00145	0.0164	0.000305	0.00021	0.0000863	0.0959	0.00000224	0.000138	0.000566	0.00171	0.000173
2089 Aug	0.000208	0.000953	0.114	0.0000104	1.44	2.37	0.0314	0.000324	5.8	0.00137	0.0154	0.000244	0.000169	0.0000787	0.0884	0.00000227	0.000126	0.000427	0.00158	0.000145
2089 Sep	0.000191	0.000961	0.108	0.0000102	1.41	2.31	0.0267	0.000408	5.72	0.00131	0.0151	0.00019	0.000137	0.0000729	0.087	0.00000222	0.000126	0.000372	0.00146	0.000133
2089 Oct	0.000205	0.000991	0.102	0.00000936	1.59	2.68	0.0289	0.00055	7.05	0.00144	0.0191	0.00018	0.000149	0.0000833	0.0957	0.00000219	0.000181	0.000402	0.00133	0.000252
2089 Nov	0.000211	0.001	0.103	0.00000932	1.64	2.77	0.0302	0.000564	7.35	0.00148	0.02	0.000188	0.000158	0.0000869	0.0982	0.00000222	0.000192	0.000418	0.00134	0.000276
2089 Dec	0.000211	0.001	0.103	0.00000933	1.65	2.78	0.0302	0.000565	7.35	0.00148	0.02	0.000189	0.000158	0.000087	0.0983	0.00000222	0.000192	0.000418	0.00134	0.000276
2090 Jan	0.000211	0.001	0.103	0.00000933	1.65	2.78	0.0302	0.000565	7.35	0.00148	0.02	0.000189	0.000158	0.000087	0.0983	0.00000222	0.000192	0.000418	0.00134	0.000276
2090 Feb	0.000211	0.001	0.103	0.00000934	1.65	2.78	0.0302	0.000565	7.36	0.00148	0.02	0.000189	0.000158	0.000087	0.0984	0.00000222	0.000192	0.000419	0.00134	0.000276
2090 Mar	0.000211	0.001	0.103	0.00000935	1.65	2.78	0.0303	0.000566	7.36	0.00148	0.02	0.000189	0.000158	0.0000871	0.0985	0.00000222	0.000192	0.000419	0.00134	0.000277
2090 Apr	0.000212	0.00101	0.103	0.00000939	1.66	2.79	0.0304	0.000568	7.4	0.00149	0.0201	0.00019	0.000159	0.0000875	0.0989	0.00000223	0.000193	0.000421	0.00135	0.000278
2090 May	0.000243	0.00104	0.113	0.00000952	1.72	2.97	0.0361	0.000554	7.6	0.00154	0.0201	0.000242	0.000169	0.0000927	0.106	0.00000225	0.000192	0.000485	0.0014	0.000275
2090 Jun	0.000232	0.000886	0.106	0.00000926	1.65	2.78	0.0385	0.000395	7.13	0.00155	0.0197	0.000273	0.000249	0.000096	0.097	0.00000224	0.000189	0.000593	0.00173	0.000305
2090 Jul	0.000185	0.000847	0.101	0.00000998	1.45	2.3	0.0294	0.000326	5.91	0.00142	0.0171	0.000206	0.000236	0.0000807	0.0828	0.00000228	0.000152	0.000523	0.00184	0.000217
2090 Aug	0.000175	0.000881	0.0912	0.00000967	1.49	2.35	0.0257	0.000471	6.25	0.00136	0.0161	0.000155	0.00014	0.0000823	0.0876	0.0000022	0.000151	0.000323	0.00137	0.000208
2090 Sep	0.0002	0.000953	0.0976	0.0000094	1.62	2.66	0.0292	0.000544	7.07	0.00145	0.0186	0.000179	0.000152	0.0000877	0.0958	0.00000223	0.000182	0.000382	0.00134	0.000267

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2090 Oct	0.000218	0.001	0.103	0.00000921	1.71	2.87	0.032	0.000582	7.62	0.00151	0.0204	0.000201	0.000168	0.0000913	0.101	0.00000225	0.000205	0.000436	0.00134	0.000309
2090 Nov	0.000221	0.001	0.103	0.00000916	1.73	2.91	0.0329	0.000583	7.77	0.00153	0.0208	0.000208	0.000174	0.0000935	0.102	0.00000226	0.000211	0.000445	0.00135	0.000323
2090 Dec	0.000222	0.001	0.103	0.00000916	1.73	2.92	0.0329	0.000584	7.77	0.00154	0.0208	0.000208	0.000174	0.0000936	0.102	0.00000227	0.000211	0.000446	0.00135	0.000323
2091 Jan	0.000222	0.001	0.103	0.00000916	1.73	2.92	0.033	0.000584	7.78	0.00154	0.0208	0.000209	0.000174	0.0000937	0.102	0.00000227	0.000211	0.000446	0.00135	0.000324
2091 Feb	0.000222	0.001	0.103	0.00000917	1.73	2.92	0.033	0.000584	7.78	0.00154	0.0208	0.000209	0.000174	0.0000937	0.102	0.00000227	0.000211	0.000446	0.00135	0.000324
2091 Mar	0.000222	0.001	0.103	0.00000918	1.74	2.92	0.033	0.000585	7.79	0.00154	0.0209	0.000209	0.000175	0.0000939	0.102	0.00000227	0.000212	0.000447	0.00136	0.000324
2091 Apr	0.000224	0.00101	0.104	0.00000926	1.75	2.95	0.0333	0.00059	7.86	0.00155	0.021	0.000211	0.000176	0.0000946	0.103	0.00000229	0.000213	0.00045	0.00137	0.000327
2091 May	0.000284	0.00106	0.122	0.00000944	1.86	3.26	0.0445	0.000551	8.13	0.00164	0.0207	0.000315	0.000194	0.000103	0.116	0.00000231	0.000207	0.000575	0.00146	0.00031
2091 Jun	0.00025	0.000905	0.111	0.00000924	1.71	2.89	0.0416	0.000412	7.3	0.00157	0.0195	0.000301	0.000246	0.0000989	0.102	0.00000228	0.000193	0.000615	0.0017	0.000298
2091 Jul	0.000217	0.000896	0.108	0.00001	1.61	2.61	0.0353	0.000375	6.65	0.00152	0.0184	0.000251	0.000248	0.0000906	0.0933	0.00000237	0.000174	0.000578	0.00185	0.000253
2091 Aug	0.000169	0.000863	0.0947	0.00000998	1.4	2.17	0.0246	0.000403	5.59	0.0013	0.0146	0.000159	0.00015	0.0000755	0.0825	0.00000222	0.00013	0.000351	0.0015	0.000157
2091 Sep	0.000168	0.000891	0.0908	0.00000973	1.44	2.25	0.023	0.000498	5.9	0.0013	0.015	0.000131	0.000116	0.0000757	0.0858	0.00000218	0.00014	0.000296	0.00132	0.000169
2091 Oct	0.000209	0.00097	0.0998	0.00000926	1.67	2.75	0.0307	0.000566	7.3	0.00147	0.0192	0.000191	0.00016	0.0000896	0.0983	0.00000226	0.000195	0.000408	0.00134	0.00029
2091 Nov	0.00022	0.000994	0.103	0.00000915	1.73	2.89	0.0326	0.000589	7.69	0.00152	0.0203	0.000206	0.000171	0.0000932	0.102	0.00000228	0.00021	0.000438	0.00134	0.000322
2091 Dec	0.00022	0.000995	0.103	0.00000916	1.73	2.89	0.0326	0.00059	7.68	0.00152	0.0203	0.000205	0.000171	0.0000931	0.102	0.00000228	0.00021	0.000438	0.00134	0.000321
2092 Jan	0.00022	0.000995	0.103	0.00000916	1.73	2.89	0.0326	0.00059	7.69	0.00152	0.0203	0.000206	0.000171	0.0000932	0.102	0.00000228	0.00021	0.000438	0.00134	0.000322
2092 Feb	0.00022	0.000996	0.103	0.00000916	1.73	2.89	0.0327	0.00059	7.69	0.00152	0.0203	0.000206	0.000171	0.0000932	0.102	0.00000228	0.000211	0.000438	0.00134	0.000322
2092 Mar	0.00022	0.000998	0.103	0.00000918	1.74	2.9	0.0327	0.000591	7.71	0.00153	0.0204	0.000206	0.000171	0.0000935	0.102	0.00000229	0.000211	0.000439	0.00134	0.000323
2092 Apr	0.000222	0.001	0.104	0.00000925	1.75	2.92	0.033	0.000595	7.76	0.00154	0.0205	0.000208	0.000173	0.0000941	0.103	0.0000023	0.000212	0.000442	0.00135	0.000325
2092 May	0.000291	0.00105	0.123	0.00000941	1.86	3.27	0.0457	0.00055	8.06	0.00163	0.0201	0.000327	0.000193	0.000104	0.117	0.00000231	0.000205	0.000584	0.00145	0.000307
2092 Jun	0.000243	0.000898	0.107	0.00000906	1.74	2.89	0.0404	0.000444	7.45	0.00157	0.0197	0.000286	0.000244	0.0001	0.102	0.00000231	0.000205	0.000589	0.00165	0.000328
2092 Jul	0.000192	0.000857	0.101	0.00000969	1.53	2.41	0.0308	0.000374	6.27	0.00143	0.0174	0.000215	0.000229	0.000085	0.0867	0.00000232	0.000169	0.000509	0.00174	0.000246
2092 Aug	0.000183	0.000884	0.101	0.0000102	1.51	2.34	0.0283	0.000396	6.08	0.00141	0.0165	0.000191	0.000201	0.0000825	0.0865	0.00000236	0.000156	0.000448	0.0017	0.00021
2092 Sep	0.000162	0.000879	0.0941	0.0000101	1.39	2.14	0.0225	0.000438	5.5	0.00129	0.0144	0.000136	0.000142	0.0000725	0.082	0.00000226	0.00013	0.000341	0.0015	0.000146
2092 Oct	0.000172	0.000925	0.0961	0.00000983	1.44	2.28	0.023	0.000503	5.85	0.0013	0.0154	0.000135	0.000129	0.0000725	0.0859	0.00000222	0.000144	0.000342	0.00139	0.00017
2092 Nov	0.000176	0.000937	0.0969	0.00000977	1.46	2.33	0.0236	0.000518	6	0.00131	0.0157	0.000139	0.000129	0.0000736	0.0874	0.00000222	0.00015	0.000348	0.00137	0.000181
2092 Dec	0.000176	0.000938	0.097	0.00000978	1.46	2.33	0.0236	0.000519	6	0.00131	0.0157	0.000139	0.00013	0.0000736	0.0875	0.00000223	0.00015	0.000348	0.00137	0.000181
2093 Jan	0.000176	0.000938	0.097	0.00000978	1.46	2.33	0.0236	0.000519	6	0.00131	0.0157	0.000139	0.00013	0.0000736	0.0875	0.00000223	0.00015	0.000348	0.00137	0.000181
2093 Feb	0.000176	0.000938	0.097	0.00000978	1.46	2.34	0.0236	0.000519	6.01	0.00131	0.0157	0.000139	0.00013	0.0000737	0.0876	0.00000223	0.00015	0.000348	0.00137	0.000182
2093 Mar	0.000177	0.000941	0.0974	0.00000982	1.47	2.34	0.0237	0.000521	6.03	0.00132	0.0158	0.000139	0.00013	0.0000739	0.0879	0.00000223	0.00015	0.000349	0.00138	0.000182
2093 Apr	0.000178	0.000948	0.0981	0.00000989	1.48	2.36	0.0239	0.000524	6.07	0.00133	0.0159	0.00014	0.000131	0.0000745	0.0885	0.00000225	0.000152	0.000352	0.00139	0.000184
2093 May	0.000274	0.00102	0.124	0.00000992	1.67	2.91	0.0419	0.000482	6.75	0.00148	0.0162	0.000306	0.000162	0.0000902	0.109	0.00000226	0.000152	0.000549	0.00149	0.000185
2093 Jun	0.00025	0.000905	0.11	0.00000917	1.75	2.92	0.0417	0.000441	7.39	0.00158	0.0193	0.000299	0.000247	0.000101	0.103	0.00000233	0.000202	0.000607	0.00168	0.000331
2093 Jul	0.000204	0.000887	0.105	0.00000988	1.57	2.5	0.0328	0.000382	6.38	0.00146	0.0173	0.000233	0.000228	0.0000875	0.0902	0.00000236	0.00017	0.00052	0.00174	0.000256
2093 Aug	0.000186	0.000907	0.104	0.0000103	1.49	2.33	0.0284	0.000379	5.94	0.0014	0.0159	0.000201	0.000191	0.0000811	0.0864	0.00000236	0.000148	0.000432	0.00166	0.000202
2093 Sep	0.000174	0.000926	0.1	0.0000102	1.42	2.24	0.0239	0.000448	5.66	0.00131	0.0149	0.000154	0.000144	0.0000727	0.0847	0.00000227	0.000137	0.000363	0.00149	0.000162
2093 Oct	0.000203	0.000979	0.101	0.00000932	1.62	2.67	0.0287	0.000578	6.91	0.00141	0.0179	0.000177	0.000147	0.0000837	0.0964	0.00000226	0.000186	0.000398	0.00131	0.00027
2093 Nov	0.000214	0.000996	0.103	0.00000924	1.7	2.81	0.031	0.000604	7.33	0.00147	0.0189	0.000192	0.000157	0.0000891	0.101	0.00000229	0.000202	0.00042	0.00131	0.000307
2093 Dec	0.000214	0.000997	0.103	0.00000925	1.7	2.81	0.031	0.000604	7.34	0.00147	0.0189	0.000193	0.000157	0.0000892	0.101	0.0000023	0.000202	0.00042	0.00132	0.000307
2094 Jan	0.000214	0.000997	0.103	0.00000925	1.7	2.81	0.031	0.000604	7.34	0.00147	0.019	0.000193	0.000158	0.0000892	0.101	0.0000023	0.000202	0.00042	0.00132	0.000307
2094 Feb	0.000214	0.000997	0.103	0.00000925	1.7	2.81	0.031	0.000604	7.34	0.00147	0.019	0.000193	0.000158	0.0000892	0.101	0.0000023	0.000202	0.00042	0.00132	0.000307
2094 Mar	0.000215	0.000999	0.103	0.00000927	1.7	2.82	0.0311	0.000605	7.35	0.00148	0.019	0.000193	0.000158	0.0000894	0.101	0.0000023	0.000202	0.000421	0.00132	0.000308
2094 Apr	0.000216	0.001	0.103	0.00000931	1.71	2.83	0.0312	0.000608	7.39	0.00148	0.0191	0.000194	0.000159	0.0000898	0.101	0.00000231	0.000203	0.000423	0.00132	0.000309
2094 May	0.000296	0.00105	0.124	0.0000093	1.88	3.29	0.0469	0.000556	7.97	0.00162	0.0193	0.000339	0.000194	0.000105	0.118	0.00000233	0.000206	0.000594	0.00144	0.00032
2094 Jun	0.000323	0.00098	0.133	0.00000954	1.84	3.26	0.0542	0.000409	7.47	0.00164	0.0179	0.000417	0.000249	0.000108	0.118	0.00000233	0.000183	0.00074	0.00175	0.000283
2094 Jul	0.000291	0.000986	0.131	0.0000103	1.75	3.01	0.0479	0.000379	6.94	0.0016	0.0172	0.000368	0.000245	0.0001	0.111	0.00000243	0.000166	0.00069	0.00186	0.00024
2094 Aug	0.000287	0.00104	0.134	0.000011	1.78	3.02	0.0463	0.000397	6.99	0.00163	0.0173	0.000355	0.000236	0.0001	0.112	0.00000254	0.000164	0.000659	0.0019	0.000225
2094 Sep	0.000228	0.00101	0.119	0.0000107	1.54	2.56	0.0328	0.000461	5.99	0.0014	0.0151	0.000231	0.000156	0.0000788	0.0978	0.00000235	0.000134	0.000483	0.00161	0.000142
2094 Oct	0.000192	0.000991	0.106	0.00000999	1.44	2.38	0.0249	0.000532	5.76	0.00128	0.0148	0.000154	0.000113	0.0000689	0.0905	0.0000022	0.000136	0.000375	0.00136	0.000143
2094 Nov	0.00019	0.000986	0.101	0.00000949	1.5	2.48	0.0248	0.000581	6.24	0.00132	0.0161	0.000145	0.000116	0.0000733	0.0919	0.00000219	0.00016	0.000358	0.00126	0.000209
2094 Dec	0.00019	0.000986	0.101	0.00000947	1.51	2.49	0.0249	0.000583	6.27	0.00132	0.0161	0.000145	0.000117	0.0000737	0.0921	0.00000219	0.000162	0.000358	0.00126	0.000213
2095 Jan	0.00019	0.000986	0.101	0.00000947	1.51	2.49	0.0249	0.000583	6.27	0.00132	0.0161	0.000146	0.000117	0.0000738	0.0922	0.00000219	0.000162	0.000359	0.00126	0.000213
2095 Feb	0.00019	0.000987	0.101	0.00000947	1.51	2.49	0.0249	0.000583	6.28	0.00132	0.0162	0.000146	0.000117	0.0000738	0.0922	0.00000219	0.000162	0.000359	0.00126	0.000213
2095 Mar	0.00019	0.000988	0.101	0.00000948	1.51	2.5	0.0249	0.000584	6.28	0.00132	0.0162	0.000146	0.000117	0.0000739	0.0923	0.0000022	0.000162	0.000359	0.00126	0.000214
2095 Apr	0.000192	0.000994	0.101	0.00000954	1.52	2.51	0.0251	0.000588	6.32	0.00133	0.0163	0.000147	0.000118	0.0000743	0.0929	0.00000221	0.000163	0.000362	0.00127	0.000215
2095 May	0.000326	0.00107	0.135	0.00000949	1.83	3.31	0.0514	0.00051	7.47	0.00158	0.0172	0.000388	0.000181	0.000101	0.122	0.00000225	0.000175	0.000647	0.00146	0.000252
2095 Jun	0.000383	0.00106	0.15	0.00000969	1.99	3.65	0.0644	0.000425	8.01	0.00174	0.0181	0.000508	0.000252	0.000118	0.133	0.00000236	0.000187	0.00083	0.00174	0.000295
2095 Jul	0.000343	0.00107	0.146	0.0000104	1.87	3.35	0.0565	0.000395	7.41	0.00167	0.0172	0.000448	0.000234	0.000108	0.123	0.00000243	0.000168	0.000739	0.00178	0.000247
2095 Aug	0.00023	0.00095	0.116	0.0000102	1.49	2.49	0.0349	0.000382	5.78	0.00136	0.0136	0.000265	0.000146	0.0000821	0.0954	0.00000224	0.000122	0.000433	0.00147	0.000146
2095 Sep	0.000191	0.000918	0.1	0.00001	1.45	2.32	0.0271	0.000469	5.72	0.0013	0.0135	0.000177	0.000114	0.0000774	0.09	0.00000222	0.000127	0.000327	0.00134	0.000154
2095 Oct	0.000191	0.000942	0.1	0.00000987	1.48	2.38	0.0264	0.000509	5.91	0.00131	0.0143	0.000166	0.000114	0.0000765	0.091	0.00000222	0.000138	0.000334	0.00131	0.000174
2095 Nov	0.000191	0.000968	0.1	0.0000096	1.51	2.47	0.0258	0.000559	6.2	0.00133	0.0155	0.000155	0.000117	0.0000762	0.0923	0.00000221	0.000156	0.000347	0.00127	0.000211
2095 Dec	0.000191	0.000971	0.1	0.00000958	1.51	2.48	0.0258	0.000563	6.23	0.00133	0.0156	0.000154	0.000117	0.0000763	0.0924	0.00000221	0.000158	0.000348	0.00127	0.000214
2096 Jan	0.000192	0.000971	0.1	0.00000958	1.52	2.48	0.0258	0.000564	6.24	0.00133	0.0156	0.000155	0.000117	0.0000764	0.0925	0.00000221	0.000158	0.000349	0.00127	0.000215
2096 Feb	0.000192	0.000972	0.1	0.00000959	1.52	2.49	0.0258	0.000564	6.25	0.00133	0.0156	0.000155	0.000118	0.0000764	0.0926	0.00000221	0.000158	0.000349	0.00127	0.000215
2096 Mar	0.000192	0.000973	0.1	0.0000096	1.52	2.49	0.0259	0.000565	6.25	0.00133	0.0157	0.000155	0.000118	0.0000765	0.0927	0.00000221	0.000158	0.000349	0.00127	0.000215
2096 Apr	0.000193	0.000978	0.101	0.00000966	1.53	2.5	0.026	0.000568	6.29	0.00134	0.0157	0.000156	0.000118	0.000077	0.0932	0.00000223	0.000159	0.000351	0.00128	0.000216
2096 May	0.000274	0.00103	0.122	0.0000097	1.71	2.99	0.0414	0.000529	6.95	0.00149	0.0163	0.000297	0.000154	0.000092	0.111	0.00000226	0.000165	0.000525	0.0014	0.000235

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2096 Jun	0.000239	0.000898	0.106	0.00000918	1.76	2.9	0.0399	0.000468	7.31	0.00158	0.0186	0.000279	0.000248	0.000102	0.102	0.00000237	0.00021	0.000586	0.00166	0.000382
2096 Jul	0.000206	0.00089	0.105	0.00001	1.62	2.57	0.0333	0.00041	6.49	0.0015	0.0172	0.000232	0.000242	0.0000908	0.0921	0.00000244	0.000181	0.000543	0.0018	0.000302
2096 Aug	0.0002	0.000924	0.106	0.0000106	1.62	2.53	0.0314	0.000431	6.41	0.0015	0.0168	0.000213	0.000221	0.0000894	0.0928	0.0000025	0.000171	0.000497	0.00179	0.00027
2096 Sep	0.000178	0.000936	0.1	0.0000102	1.48	2.33	0.0246	0.000494	5.85	0.00134	0.0151	0.00015	0.000149	0.0000755	0.0878	0.00000232	0.000147	0.000381	0.00151	0.000195
2096 Oct	0.000187	0.000984	0.1	0.00000958	1.51	2.47	0.0244	0.000587	6.21	0.00132	0.0158	0.00014	0.000118	0.0000738	0.0917	0.00000222	0.000162	0.000354	0.00128	0.00022
2096 Nov	0.000194	0.000994	0.101	0.00000953	1.56	2.57	0.0259	0.000601	6.47	0.00136	0.0164	0.000152	0.000125	0.0000774	0.0944	0.00000225	0.000172	0.000368	0.00128	0.000246
2096 Dec	0.000194	0.000994	0.101	0.00000954	1.56	2.57	0.0259	0.000602	6.47	0.00136	0.0164	0.000152	0.000125	0.0000774	0.0944	0.00000225	0.000172	0.000368	0.00128	0.000246
2097 Jan	0.000194	0.000994	0.101	0.00000954	1.56	2.57	0.0259	0.000602	6.48	0.00136	0.0164	0.000152	0.000125	0.0000774	0.0944	0.00000225	0.000172	0.000368	0.00128	0.000246
2097 Feb	0.000194	0.000995	0.101	0.00000954	1.56	2.57	0.0259	0.000602	6.48	0.00136	0.0164	0.000152	0.000125	0.0000774	0.0944	0.00000225	0.000172	0.000368	0.00128	0.000247
2097 Mar	0.000194	0.000996	0.101	0.00000955	1.56	2.57	0.026	0.000602	6.48	0.00136	0.0164	0.000152	0.000125	0.0000775	0.0945	0.00000225	0.000173	0.000369	0.00128	0.000247
2097 Apr	0.000196	0.001	0.102	0.00000962	1.57	2.59	0.0262	0.000607	6.53	0.00137	0.0165	0.000153	0.000126	0.0000781	0.0952	0.00000227	0.000174	0.000371	0.00129	0.000249
2097 May	0.000298	0.00107	0.13	0.00000976	1.76	3.13	0.0453	0.000539	7.12	0.00152	0.0164	0.000332	0.000161	0.0000944	0.116	0.00000228	0.000168	0.000583	0.00143	0.000235
2097 Jun	0.000281	0.000942	0.121	0.00000949	1.8	3.08	0.047	0.000444	7.32	0.00161	0.0178	0.000347	0.000249	0.000105	0.11	0.00000238	0.000196	0.000666	0.00172	0.000339
2097 Jul	0.000243	0.000939	0.117	0.0000102	1.67	2.76	0.0395	0.000401	6.63	0.00154	0.0168	0.000291	0.000239	0.0000946	0.1	0.00000245	0.000174	0.000599	0.00181	0.00028
2097 Aug	0.000216	0.000943	0.113	0.0000106	1.57	2.53	0.0336	0.000397	6.12	0.00146	0.0154	0.000244	0.000199	0.0000866	0.0942	0.00000243	0.000151	0.000491	0.00171	0.00022
2097 Sep	0.000201	0.000948	0.109	0.0000106	1.51	2.41	0.0296	0.000428	5.85	0.0014	0.0146	0.000205	0.000168	0.0000806	0.0915	0.00000239	0.000139	0.000431	0.00163	0.000182
2097 Oct	0.000181	0.000955	0.105	0.0000104	1.4	2.24	0.0241	0.000469	5.41	0.00128	0.0137	0.000154	0.000127	0.0000693	0.0865	0.00000227	0.000124	0.000366	0.00148	0.000133
2097 Nov	0.000173	0.000958	0.102	0.0000103	1.36	2.19	0.0219	0.00049	5.28	0.00124	0.0135	0.000134	0.000111	0.0000651	0.0848	0.00000222	0.000121	0.00034	0.00141	0.000118
2097 Dec	0.000173	0.000959	0.102	0.0000103	1.37	2.19	0.022	0.000492	5.29	0.00124	0.0135	0.000134	0.000111	0.0000652	0.0849	0.00000222	0.000121	0.00034	0.0014	0.00012
2098 Jan	0.000174	0.000959	0.102	0.0000103	1.37	2.19	0.022	0.000492	5.3	0.00124	0.0135	0.000134	0.000111	0.0000654	0.085	0.00000222	0.000122	0.00034	0.00141	0.00012
2098 Feb	0.000174	0.00096	0.102	0.0000103	1.37	2.19	0.022	0.000492	5.3	0.00124	0.0135	0.000134	0.000111	0.0000654	0.085	0.00000222	0.000122	0.00034	0.00141	0.00012
2098 Mar	0.000174	0.00096	0.103	0.0000103	1.37	2.2	0.022	0.000493	5.31	0.00124	0.0135	0.000134	0.000111	0.0000654	0.085	0.00000223	0.000122	0.000341	0.00141	0.00012
2098 Apr	0.000201	0.000988	0.11	0.0000103	1.43	2.36	0.0268	0.00049	5.52	0.00128	0.0136	0.000156	0.000115	0.0000675	0.0912	0.00000223	0.000122	0.000387	0.00142	0.000119
2098 May	0.000381	0.00112	0.155	0.00001	1.86	3.5	0.0609	0.000453	7.29	0.00161	0.0153	0.000425	0.00018	0.0000991	0.132	0.00000226	0.000148	0.000743	0.00154	0.000186
2098 Jun	0.000259	0.000929	0.112	0.00000933	1.84	3.05	0.0433	0.000492	7.59	0.00162	0.0186	0.000307	0.00025	0.000106	0.108	0.00000244	0.000218	0.000616	0.00167	0.000385
2098 Jul	0.000231	0.000932	0.112	0.0000102	1.74	2.8	0.0378	0.00045	7	0.00158	0.0179	0.000266	0.000251	0.0000982	0.1	0.00000253	0.000197	0.000586	0.00182	0.000329
2098 Aug	0.000183	0.000892	0.0995	0.0000103	1.5	2.33	0.0274	0.000441	5.86	0.00137	0.0145	0.000179	0.000168	0.0000816	0.0881	0.00000237	0.000146	0.000393	0.00158	0.000205
2098 Sep	0.000194	0.000949	0.0992	0.00000963	1.57	2.52	0.0274	0.00056	6.38	0.00137	0.0155	0.000166	0.000135	0.0000813	0.0937	0.00000229	0.000168	0.000368	0.00133	0.000241
2098 Oct	0.000233	0.00101	0.107	0.0000093	1.8	2.99	0.0351	0.000635	7.62	0.00153	0.0184	0.000225	0.000171	0.0000965	0.107	0.0000024	0.000218	0.000458	0.00134	0.000363
2098 Nov	0.000237	0.00101	0.108	0.00000929	1.83	3.04	0.036	0.000641	7.76	0.00156	0.0187	0.000232	0.000176	0.0000987	0.108	0.00000242	0.000224	0.000468	0.00135	0.000377
2098 Dec	0.000237	0.00102	0.108	0.00000929	1.83	3.04	0.036	0.000642	7.76	0.00156	0.0187	0.000232	0.000176	0.0000987	0.108	0.00000242	0.000224	0.000468	0.00135	0.000377
2099 Jan	0.000237	0.00102	0.108	0.0000093	1.83	3.04	0.036	0.000642	7.76	0.00156	0.0187	0.000232	0.000176	0.0000987	0.108	0.00000242	0.000224	0.000468	0.00135	0.000377
2099 Feb	0.000238	0.00102	0.108	0.0000093	1.83	3.04	0.036	0.000642	7.76	0.00156	0.0187	0.000232	0.000176	0.0000987	0.108	0.00000242	0.000224	0.000469	0.00135	0.000377
2099 Mar	0.000238	0.00102	0.108	0.00000932	1.84	3.05	0.0361	0.000644	7.78	0.00156	0.0188	0.000232	0.000177	0.000099	0.108	0.00000243	0.000225	0.00047	0.00135	0.000378
2099 Apr	0.000276	0.00106	0.119	0.00000943	1.92	3.27	0.0428	0.000637	8.05	0.00162	0.0188	0.000262	0.000181	0.000101	0.117	0.00000244	0.000223	0.000536	0.00137	0.00037
2099 May	0.000476	0.00117	0.173	0.00000934	2.25	4.3	0.0806	0.000498	9.08	0.00187	0.0181	0.000574	0.000241	0.000127	0.157	0.00000239	0.000208	0.000938	0.00157	0.000332
2099 Jun	0.000312	0.000977	0.129	0.00000945	1.91	3.29	0.0525	0.000474	7.68	0.00165	0.0177	0.000392	0.000248	0.00011	0.119	0.00000244	0.000205	0.000707	0.00169	0.000338
2099 Jul	0.000265	0.00097	0.123	0.0000102	1.75	2.91	0.0433	0.000425	6.89	0.00157	0.0166	0.000323	0.000233	0.0000985	0.106	0.00000249	0.000179	0.000615	0.00176	0.000276
2099 Aug	0.000232	0.000965	0.116	0.0000106	1.64	2.65	0.0362	0.000442	6.37	0.00148	0.0152	0.000258	0.000187	0.0000903	0.1	0.00000247	0.000155	0.000496	0.00167	0.000213
2099 Sep	0.000185	0.000927	0.1	0.0000101	1.45	2.29	0.0254	0.000496	5.6	0.00129	0.0134	0.000157	0.000118	0.0000738	0.0889	0.00000226	0.000131	0.000342	0.00139	0.000148
2099 Oct	0.000198	0.000975	0.102	0.00000963	1.56	2.53	0.0271	0.000582	6.3	0.00134	0.0153	0.000163	0.000123	0.0000778	0.0946	0.00000227	0.000165	0.00037	0.00129	0.000221
2099 Nov	0.000222	0.001	0.106	0.0000094	1.72	2.83	0.0323	0.000624	7.13	0.00146	0.0171	0.000201	0.000151	0.0000894	0.103	0.00000236	0.0002	0.000426	0.00131	0.000309
2099 Dec	0.000222	0.001	0.106	0.0000094	1.72	2.83	0.0323	0.000624	7.14	0.00146	0.0171	0.000201	0.000151	0.0000895	0.103	0.00000236	0.0002	0.000427	0.00131	0.00031
2100 Jan	0.000222	0.001	0.106	0.0000094	1.72	2.83	0.0323	0.000625	7.14	0.00146	0.0171	0.000201	0.000152	0.0000895	0.103	0.00000237	0.0002	0.000427	0.00131	0.00031
2100 Feb	0.000222	0.001	0.106	0.0000094	1.72	2.83	0.0324	0.000625	7.14	0.00146	0.0171	0.000202	0.000152	0.0000895	0.103	0.00000237	0.0002	0.000427	0.00131	0.00031
2100 Mar	0.000222	0.001	0.106	0.00000941	1.72	2.83	0.0324	0.000625	7.15	0.00146	0.0171	0.000202	0.000152	0.0000896	0.103	0.00000237	0.0002	0.000427	0.00131	0.00031
2100 Apr	0.000224	0.00101	0.107	0.00000949	1.74	2.86	0.0326	0.00063	7.21	0.00147	0.0173	0.000203	0.000153	0.0000903	0.104	0.00000239	0.000202	0.000431	0.00132	0.000313
2100 May	0.000404	0.00111	0.156	0.00000958	2.02	3.77	0.0666	0.000492	8.04	0.00171	0.0166	0.000523	0.000211	0.000117	0.139	0.00000234	0.000183	0.000807	0.00156	0.000273
2100 Jun	0.000269	0.00093	0.114	0.00000919	1.88	3.1	0.0452	0.000515	7.64	0.00161	0.018	0.000319	0.000246	0.000107	0.11	0.00000248	0.000222	0.000624	0.00163	0.000382
2100 Jul	0.00022	0.000885	0.107	0.00000972	1.67	2.65	0.0361	0.00044	6.59	0.00149	0.0164	0.000251	0.000237	0.0000929	0.0958	0.00000246	0.000188	0.000556	0.00173	0.000303
2100 Aug	0.000199	0.000893	0.0993	0.00000962	1.6	2.51	0.0308	0.000492	6.38	0.0014	0.0151	0.000202	0.000168	0.0000879	0.0934	0.00000237	0.000171	0.000402	0.00145	0.000262
2100 Sep	0.000209	0.000931	0.0992	0.00000956	1.69	2.67	0.0316	0.000577	6.84	0.00144	0.0157	0.000196	0.00015	0.0000917	0.0994	0.00000239	0.000186	0.000383	0.00134	0.000285
2100 Oct	0.000215	0.000962	0.102	0.00000954	1.71	2.75	0.032	0.000603	6.98	0.00145	0.0162	0.000198	0.00015	0.0000912	0.101	0.0000024	0.000192	0.0004	0.00133	0.000294
2100 Nov	0.000219	0.000972	0.103	0.00000953	1.74	2.8	0.0328	0.000612	7.11	0.00147	0.0165	0.000204	0.000154	0.0000927	0.103	0.00000242	0.000198	0.000411	0.00133	0.000305
2100 Dec	0.00022	0.000973	0.103	0.00000954	1.74	2.8	0.0328	0.000613	7.12	0.00147	0.0165	0.000204	0.000154	0.0000928	0.103	0.00000242	0.000198	0.000412	0.00134	0.000306
2101 Jan	0.00022	0.000973	0.104	0.00000955	1.74	2.8	0.0328	0.000613	7.12	0.00147	0.0166	0.000204	0.000154	0.0000928	0.103	0.00000242	0.000198	0.000412	0.00134	0.000306
2101 Feb	0.00022	0.000974	0.104	0.00000955	1.74	2.8	0.0328	0.000613	7.12	0.00147	0.0166	0.000204	0.000154	0.0000928	0.103	0.00000242	0.000198	0.000412	0.00134	0.000306
2101 Mar	0.00022	0.000974	0.104	0.00000955	1.74	2.8	0.0329	0.000613	7.12	0.00147	0.0166	0.000205	0.000154	0.0000928	0.103	0.00000242	0.000198	0.000412	0.00134	0.000306
2101 Apr	0.000221	0.000979	0.104	0.0000096	1.75	2.82	0.0331	0.000616	7.16	0.00148	0.0166	0.000206	0.000155	0.0000933	0.104	0.00000244	0.000199	0.000415	0.00134	0.000307
2101 May	0.000368	0.00108	0.145	0.0000096	2.01	3.61	0.0605	0.000526	7.99	0.00168	0.0167	0.000461	0.000205	0.000115	0.133	0.00000241	0.000193	0.000728	0.00152	0.000291
2101 Jun	0.000284	0.000946	0.12	0.00000933	1.91	3.17	0.0479	0.000512	7.66	0.00163	0.0176	0.000345	0.000248	0.000109	0.114	0.00000251	0.000219	0.000656	0.00166	0.000366
2101 Jul	0.000259	0.000955	0.118	0.0000101	1.86	3.01	0.0432	0.000494	7.37	0.00163	0.0177	0.000306	0.000257	0.000105	0.109	0.00000263	0.000211	0.000635	0.00182	0.000343
2101 Aug	0.00025	0.000985	0.119	0.0000106	1.84	2.95	0.0407	0.000501	7.23	0.00162	0.0173	0.000285	0.000239	0.000102	0.108	0.00000268	0.0002	0.000589	0.00181	0.000312
2101 Sep	0.000182	0.000937	0.101	0.0000103	1.47	2.3	0.0248	0.000515	5.64	0.0013	0.0137	0.000148	0.000127	0.0000735	0.0892	0.00000233	0.000137	0.00036	0.00145	0.000153
2101 Oct	0.00018	0.000959	0.101	0.0000101	1.46	2.31	0.0235	0.00055	5.68	0.00128	0.0138	0.000135	0.000112	0.0000705	0.0892	0.00000228	0.00014	0.000344	0.00136	0.000154
2101 Nov	0.000193	0.000977	0.102	0.00000967	1.53	2.48	0.0257	0.000594	6.13	0.00131	0.0148	0.00015	0.000116	0.0000747	0.0934	0.00000228	0.000161	0.000361	0.00129	0.000203
2101 Dec	0.000193	0.000979	0.102	0.00000967	1.54	2.48	0.0257	0.000596	6.14	0.00131	0.0148	0.00015	0.000116	0.0000747	0.0935	0.00000228	0.000161	0.000361	0.00129	0.000204
2102 Jan	0.000193	0.00098	0.102	0.00000967	1.54	2.48	0.0257	0.000597	6.15	0.00131	0.0148	0.00015	0.000116	0.0000748	0.0936	0.00000228	0.000162	0.000362	0.00129	0.000205

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2102 Feb	0.000193	0.00098	0.102	0.00000967	1.54	2.49	0.0257	0.000597	6.15	0.00131	0.0148	0.00015	0.000116	0.0000749	0.0936	0.00000229	0.000162	0.000362	0.00129	0.000205
2102 Mar	0.000193	0.000981	0.102	0.00000968	1.54	2.49	0.0258	0.000597	6.16	0.00131	0.0148	0.00015	0.000116	0.0000749	0.0937	0.00000229	0.000162	0.000362	0.00129	0.000205
2102 Apr	0.000194	0.000984	0.102	0.00000971	1.54	2.5	0.0259	0.000599	6.18	0.00132	0.0149	0.000151	0.000116	0.0000752	0.094	0.0000023	0.000162	0.000364	0.00129	0.000206
2102 May	0.000198	0.001	0.104	0.00000989	1.57	2.55	0.0265	0.00061	6.29	0.00134	0.0152	0.000155	0.000119	0.0000767	0.0959	0.00000234	0.000165	0.000372	0.00132	0.000209
2102 Jun	0.000224	0.000889	0.105	0.0000094	1.71	2.73	0.0364	0.000502	6.78	0.00149	0.0163	0.000245	0.000224	0.0000943	0.0986	0.00000245	0.000199	0.000546	0.00163	0.000325
2102 Jul	0.000204	0.000877	0.105	0.00000994	1.61	2.51	0.0331	0.000425	6.23	0.00145	0.0155	0.000231	0.00023	0.0000886	0.0916	0.00000249	0.000178	0.000526	0.00175	0.000278
2102 Aug	0.000179	0.000877	0.0998	0.0000103	1.49	2.26	0.027	0.000429	5.66	0.00135	0.0139	0.000178	0.000175	0.0000798	0.086	0.00000241	0.000147	0.000403	0.00161	0.000201
2102 Sep	0.000164	0.00089	0.0955	0.0000102	1.42	2.15	0.0226	0.000475	5.38	0.00127	0.013	0.000135	0.00013	0.0000723	0.0837	0.00000232	0.000131	0.000326	0.00146	0.000153
2102 Oct	0.000192	0.000962	0.1	0.00000958	1.56	2.49	0.0264	0.000592	6.24	0.00133	0.0149	0.000156	0.000126	0.0000776	0.0936	0.00000232	0.000169	0.000366	0.0013	0.000224
2102 Nov	0.000193	0.000967	0.101	0.00000961	1.57	2.51	0.0264	0.000597	6.27	0.00133	0.015	0.000156	0.000126	0.0000778	0.094	0.00000233	0.00017	0.000367	0.0013	0.000225
2102 Dec	0.000193	0.000968	0.101	0.00000962	1.57	2.51	0.0265	0.000597	6.28	0.00133	0.015	0.000156	0.000126	0.0000778	0.0941	0.00000233	0.00017	0.000367	0.0013	0.000225
2103 Jan	0.000193	0.000968	0.101	0.00000962	1.57	2.51	0.0265	0.000597	6.28	0.00133	0.015	0.000156	0.000126	0.0000778	0.0941	0.00000233	0.00017	0.000367	0.0013	0.000225
2103 Feb	0.000194	0.000969	0.101	0.00000962	1.57	2.51	0.0265	0.000597	6.28	0.00133	0.015	0.000156	0.000126	0.0000779	0.0942	0.00000233	0.00017	0.000367	0.0013	0.000225
2103 Mar	0.000194	0.00097	0.101	0.00000963	1.57	2.51	0.0265	0.000598	6.29	0.00133	0.015	0.000156	0.000126	0.0000779	0.0942	0.00000233	0.00017	0.000368	0.0013	0.000226
2103 Apr	0.000195	0.000975	0.102	0.00000968	1.58	2.53	0.0266	0.000601	6.32	0.00134	0.0151	0.000157	0.000126	0.0000783	0.0947	0.00000234	0.000171	0.00037	0.00131	0.000227
2103 May	0.00031	0.00105	0.132	0.00000969	1.84	3.21	0.0488	0.000549	7.27	0.00155	0.0157	0.000359	0.000175	0.0001	0.12	0.00000239	0.00018	0.000612	0.00146	0.000253
2103 Jun	0.000264	0.000912	0.114	0.00000928	1.86	3.02	0.0446	0.000511	7.33	0.00158	0.0168	0.000317	0.000247	0.000105	0.109	0.00000253	0.000216	0.000629	0.00167	0.000363
2103 Jul	0.000208	0.00088	0.106	0.00000984	1.63	2.54	0.0338	0.00044	6.31	0.00145	0.0154	0.000236	0.000226	0.0000899	0.0929	0.0000025	0.000182	0.00052	0.00171	0.000285
2103 Aug	0.000183	0.000918	0.101	0.00000986	1.52	2.34	0.027	0.000462	5.95	0.00133	0.0139	0.000188	0.000142	0.0000815	0.0881	0.00000239	0.000156	0.000322	0.00136	0.000224
2103 Sep	0.00021	0.000966	0.103	0.00000949	1.7	2.7	0.0312	0.000601	6.84	0.00142	0.0157	0.000199	0.000151	0.0000893	0.0996	0.00000245	0.000195	0.000395	0.00132	0.000294
2103 Oct	0.000231	0.000994	0.106	0.00000923	1.83	2.95	0.0349	0.000673	7.46	0.00149	0.0171	0.000219	0.000167	0.0000961	0.107	0.00000252	0.000224	0.000452	0.00132	0.000351
2103 Nov	0.000232	0.000994	0.106	0.00000922	1.85	2.97	0.0352	0.000677	7.52	0.0015	0.0172	0.000222	0.000169	0.0000971	0.108	0.00000253	0.000227	0.000456	0.00132	0.000357
2103 Dec	0.000232	0.000995	0.106	0.00000922	1.85	2.97	0.0353	0.000677	7.53	0.0015	0.0172	0.000222	0.00017	0.0000972	0.108	0.00000253	0.000227	0.000456	0.00132	0.000358
2104 Jan	0.000233	0.000995	0.106	0.00000922	1.85	2.97	0.0353	0.000677	7.53	0.0015	0.0172	0.000222	0.00017	0.0000972	0.108	0.00000253	0.000227	0.000456	0.00132	0.000358
2104 Feb	0.000233	0.000995	0.106	0.00000923	1.85	2.97	0.0353	0.000678	7.53	0.0015	0.0172	0.000222	0.00017	0.0000973	0.108	0.00000253	0.000227	0.000456	0.00132	0.000358
2104 Mar	0.000233	0.000996	0.107	0.00000924	1.85	2.97	0.0353	0.000678	7.54	0.00151	0.0172	0.000223	0.00017	0.0000974	0.108	0.00000254	0.000227	0.000457	0.00132	0.000358
2104 Apr	0.000235	0.001	0.107	0.00000931	1.87	3	0.0356	0.000684	7.6	0.00152	0.0174	0.000225	0.000171	0.0000982	0.109	0.00000256	0.000229	0.000461	0.00133	0.000361
2104 May	0.000378	0.00108	0.147	0.00000943	2.07	3.69	0.0625	0.000557	8.14	0.00169	0.0166	0.000479	0.000214	0.000118	0.136	0.00000249	0.000207	0.000758	0.00152	0.000312
2104 Jun	0.000256	0.000895	0.112	0.00000921	1.85	2.95	0.0432	0.000522	7.21	0.00155	0.0164	0.000305	0.000244	0.000104	0.107	0.00000256	0.000217	0.000612	0.00166	0.000352
2104 Jul	0.000203	0.000873	0.106	0.0000099	1.6	2.46	0.0327	0.000427	6.05	0.00141	0.0147	0.000232	0.00022	0.000087	0.0909	0.00000251	0.000173	0.000508	0.00171	0.000254
2104 Aug	0.000177	0.000873	0.0996	0.0000101	1.47	2.22	0.0266	0.000429	5.53	0.00131	0.0133	0.00018	0.000165	0.0000783	0.0851	0.00000241	0.000144	0.000381	0.00155	0.000187
2104 Sep	0.000182	0.000902	0.0959	0.00000968	1.54	2.37	0.0262	0.000548	5.99	0.00131	0.0138	0.000158	0.000132	0.0000802	0.0906	0.00000237	0.000161	0.00034	0.00134	0.000212
2104 Oct	0.000221	0.000977	0.104	0.00000927	1.79	2.84	0.0329	0.000665	7.18	0.00145	0.0163	0.000205	0.000158	0.0000928	0.104	0.00000251	0.000214	0.000427	0.00131	0.000321
2104 Nov	0.000228	0.000986	0.105	0.00000922	1.84	2.92	0.0345	0.000681	7.41	0.00148	0.0168	0.000216	0.000166	0.0000962	0.107	0.00000255	0.000225	0.000445	0.00131	0.000345
2104 Dec	0.000228	0.000986	0.105	0.00000922	1.84	2.92	0.0345	0.000681	7.42	0.00148	0.0168	0.000217	0.000166	0.0000962	0.107	0.00000255	0.000225	0.000445	0.00131	0.000345
2105 Jan	0.000228	0.000986	0.105	0.00000922	1.84	2.92	0.0345	0.000681	7.42	0.00148	0.0168	0.000217	0.000166	0.0000962	0.107	0.00000255	0.000225	0.000445	0.00131	0.000345
2105 Feb	0.000228	0.000986	0.105	0.00000923	1.84	2.93	0.0345	0.000682	7.42	0.00148	0.0168	0.000217	0.000166	0.0000963	0.107	0.00000255	0.000225	0.000445	0.00131	0.000345
2105 Mar	0.000228	0.000987	0.105	0.00000923	1.84	2.93	0.0346	0.000682	7.42	0.00148	0.0168	0.000217	0.000166	0.0000963	0.107	0.00000255	0.000225	0.000445	0.00132	0.000345
2105 Apr	0.000229	0.000991	0.106	0.00000927	1.85	2.94	0.0347	0.000685	7.46	0.00149	0.0169	0.000218	0.000167	0.0000967	0.107	0.00000257	0.000226	0.000447	0.00132	0.000347
2105 May	0.000376	0.00107	0.146	0.00000935	2.07	3.67	0.0623	0.000564	8.11	0.00168	0.0163	0.000478	0.000214	0.000118	0.136	0.00000251	0.000209	0.000753	0.00151	0.000312
2105 Jun	0.000339	0.000988	0.136	0.00000944	1.98	3.4	0.0574	0.000504	7.64	0.00165	0.0161	0.000437	0.000246	0.000114	0.125	0.00000256	0.000206	0.00075	0.00168	0.000317
2105 Jul	0.000281	0.000969	0.128	0.00000997	1.75	2.92	0.0461	0.00043	6.63	0.00151	0.0147	0.000355	0.000215	0.0000979	0.109	0.0000025	0.00017	0.000617	0.00167	0.000239
2105 Aug	0.00021	0.000905	0.102	0.00000951	1.66	2.58	0.0326	0.000533	6.43	0.00139	0.0141	0.000219	0.000153	0.0000905	0.0972	0.00000244	0.000176	0.000388	0.00136	0.000257
2105 Sep	0.000222	0.00097	0.103	0.00000923	1.81	2.86	0.0335	0.000679	7.26	0.00146	0.0162	0.000208	0.000159	0.0000951	0.105	0.00000255	0.000219	0.000423	0.0013	0.000334
2105 Oct	0.000229	0.00098	0.105	0.00000911	1.87	2.95	0.035	0.000699	7.49	0.00149	0.0167	0.00022	0.000169	0.0000981	0.108	0.00000259	0.000232	0.000447	0.0013	0.000364
2105 Nov	0.00023	0.000981	0.105	0.00000909	1.88	2.97	0.0353	0.000702	7.53	0.00149	0.0168	0.000222	0.00017	0.0000988	0.108	0.0000026	0.000234	0.00045	0.0013	0.000369
2105 Dec	0.00023	0.000981	0.105	0.0000091	1.88	2.97	0.0353	0.000703	7.53	0.00149	0.0168	0.000222	0.00017	0.0000988	0.108	0.0000026	0.000234	0.00045	0.0013	0.000369
2106 Jan	0.00023	0.000981	0.105	0.0000091	1.88	2.97	0.0353	0.000703	7.53	0.00149	0.0168	0.000222	0.00017	0.0000988	0.108	0.0000026	0.000234	0.00045	0.0013	0.000369
2106 Feb	0.00023	0.000981	0.105	0.0000091	1.88	2.97	0.0353	0.000703	7.53	0.00149	0.0168	0.000222	0.00017	0.0000988	0.108	0.0000026	0.000234	0.00045	0.0013	0.000369
2106 Mar	0.000231	0.000982	0.105	0.0000091	1.88	2.97	0.0353	0.000703	7.54	0.0015	0.0168	0.000222	0.00017	0.0000989	0.108	0.0000026	0.000234	0.00045	0.0013	0.000369
2106 Apr	0.000232	0.000988	0.105	0.00000916	1.89	2.99	0.0355	0.000707	7.58	0.0015	0.0169	0.000223	0.000172	0.0000995	0.109	0.00000262	0.000236	0.000453	0.00131	0.000372
2106 May	0.000308	0.00104	0.128	0.00000937	1.99	3.35	0.0495	0.000641	7.84	0.0016	0.0165	0.000356	0.000191	0.000109	0.124	0.00000258	0.000221	0.000609	0.00142	0.000336
2106 Jun	0.000243	0.00087	0.109	0.00000923	1.8	2.82	0.0411	0.000514	6.84	0.0015	0.0154	0.00029	0.000241	0.0001	0.103	0.00000258	0.000209	0.000599	0.00167	0.000332
2106 Jul	0.000182	0.000842	0.102	0.00001	1.52	2.26	0.0291	0.000406	5.57	0.00135	0.0138	0.000203	0.000218	0.0000814	0.0848	0.00000251	0.000161	0.000486	0.00176	0.000227
2106 Aug	0.000165	0.000863	0.0947	0.00000981	1.45	2.15	0.0241	0.000456	5.44	0.00126	0.0126	0.000159	0.000139	0.0000765	0.0829	0.00000238	0.000144	0.000312	0.0014	0.000188
2106 Sep	0.000205	0.000932	0.0982	0.00000927	1.75	2.69	0.0309	0.000654	6.86	0.00141	0.0151	0.000188	0.000149	0.0000921	0.1	0.00000254	0.000206	0.000381	0.00128	0.000309
2106 Oct	0.000219	0.000968	0.102	0.00000917	1.83	2.85	0.0329	0.000698	7.23	0.00145	0.016	0.000203	0.000159	0.0000951	0.105	0.00000259	0.000224	0.000419	0.00128	0.000344
2106 Nov	0.00022	0.000972	0.103	0.00000919	1.83	2.86	0.0331	0.000701	7.26	0.00146	0.0161	0.000204	0.00016	0.0000955	0.105	0.0000026	0.000225	0.000421	0.00129	0.000347
2106 Dec	0.00022	0.000972	0.103	0.0000092	1.83	2.87	0.0331	0.000702	7.27	0.00146	0.0161	0.000204	0.00016	0.0000956	0.105	0.0000026	0.000225	0.000422	0.00129	0.000347
2107 Jan	0.00022	0.000973	0.103	0.0000092	1.83	2.87	0.0331	0.000702	7.27	0.00146	0.0161	0.000204	0.00016	0.0000956	0.105	0.0000026	0.000225	0.000422	0.00129	0.000347
2107 Feb	0.00022	0.000973	0.103	0.0000092	1.84	2.87	0.0331	0.000702	7.27	0.00146	0.0161	0.000204	0.00016	0.0000956	0.105	0.0000026	0.000225	0.000422	0.00129	0.000347
2107 Mar	0.00022	0.000974	0.103	0.00000922	1.84	2.87	0.0332	0.000703	7.28	0.00146	0.0161	0.000204	0.00016	0.0000957	0.106	0.00000261	0.000226	0.000422	0.00129	0.000347
2107 Apr	0.000221	0.000977	0.103	0.00000924	1.84	2.88	0.0333	0.000705	7.3	0.00146	0.0162	0.000205	0.000161	0.000096	0.106	0.00000261	0.000226	0.000424	0.00129	0.000348
2107 May	0.000297	0.00102	0.124	0.00000929	1.98	3.28	0.0478	0.000649	7.72	0.00157	0.0161	0.000341	0.000188	0.000108	0.121	0.00000261	0.000221	0.000586	0.0014	0.000339
2107 Jun	0.000294	0.00092	0.125	0.00000944	1.84	3.05	0.0497	0.00048	6.9	0.00154	0.0148	0.000373	0.000242	0.000105	0.113	0.00000255	0.000193	0.000689	0.00171	0.000291
2107 Jul	0.000218	0.00089	0.112	0.00000981	1.54	2.43	0.0347	0.000394	5.7	0.00135	0.0131	0.000263	0.000192	0.0000838	0.0918	0.00000242	0.00015	0.000491	0.0016	0.000204
2107 Aug	0.000199	0.000919	0.11	0.0000102	1.5	2.33	0.0302	0.000409	5.57	0.00133	0.0129	0.000226	0.000164	0.0000802	0.089	0.00000245	0.000141	0.000404	0.00153	0.00018
2107 Sep	0.00018	0.000942	0.104	0.0000101	1.43	2.23	0.0246	0.000488	5.39	0.00125	0.0128	0.000164	0.000122	0.0000709	0.0866	0.00000235	0.000134	0.000342	0.00139	0.000145
2107 Oct	0.000187	0.00096	0.102	0.00000968	1.54	2.41	0.0253	0.00059	5.93	0.00128	0.0138	0.000155	0.000119	0.0000751	0.0917	0.00000239	0.000162	0.000349	0.00129	0.000203
2107 Nov	0.000193	0.000966	0.101	0.00000955	1.59	2.5	0.0265	0.000623	6.19	0.00131	0.0143	0.00016	0.000124	0.0000784	0.0944	0.00000242	0.000176	0.00036	0.00128	0.000232
2107 Dec	0.000193	0.000967	0.102	0.00000955	1.59	2.5	0.0265	0.000623	6.2	0.00131	0.0143	0.00016	0.000124	0.0000784	0.0944	0.00000242	0.000176	0.00036	0.00128	0.000232
2108 Jan	0.000193	0.000967	0.102	0.00000956	1.59	2.5	0.0265	0.000623	6.2	0.00131	0.0143	0.00016	0.000124	0.0000785	0.0945	0.00000242	0.000176	0.00036	0.00128	0.000232

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.000193	0.000967	0.102	0.00000956	1.59	2.5	0.0265	0.000623	6.2	0.00131	0.0143	0.00016	0.000124	0.0000785	0.0945	0.00000242	0.000176	0.000361	0.00128	0.000232
2108 Mar	0.000193	0.000968	0.102	0.00000957	1.6	2.51	0.0265	0.000624	6.21	0.00132	0.0143	0.00016	0.000124	0.0000786	0.0946	0.00000243	0.000176	0.000361	0.00128	0.000232
2108 Apr	0.000197	0.000981	0.103	0.00000968	1.62	2.55	0.0272	0.000631	6.29	0.00133	0.0145	0.000163	0.000126	0.0000796	0.0961	0.00000245	0.000178	0.000369	0.0013	0.000235
2108 May	0.00024	0.00103	0.117	0.00000992	1.71	2.8	0.0347	0.000622	6.62	0.00141	0.0147	0.000214	0.000135	0.0000845	0.106	0.00000248	0.000177	0.000449	0.00135	0.000227
2108 Jun	0.000217	0.000832	0.103	0.00000931	1.68	2.59	0.0364	0.000484	6.28	0.00143	0.0144	0.000252	0.000237	0.0000929	0.0953	0.00000254	0.000194	0.000566	0.0017	0.000306
2108 Jul	0.000193	0.000834	0.102	0.0000101	1.61	2.39	0.0318	0.000441	5.86	0.00142	0.0142	0.000217	0.000244	0.0000872	0.089	0.00000261	0.000178	0.000549	0.00186	0.000268
2108 Aug	0.000188	0.000875	0.104	0.0000106	1.6	2.36	0.0296	0.000459	5.82	0.00142	0.014	0.000196	0.000219	0.0000857	0.0897	0.00000265	0.000167	0.000494	0.00183	0.000234
2108 Sep	0.000171	0.000889	0.0995	0.0000106	1.49	2.21	0.0246	0.000482	5.43	0.00132	0.0132	0.000151	0.000169	0.0000759	0.0857	0.0000025	0.000144	0.000406	0.00166	0.000175
2108 Oct	0.000176	0.000948	0.0977	0.00000962	1.5	2.34	0.0228	0.00061	5.77	0.00125	0.0136	0.000127	0.000113	0.0000712	0.0892	0.00000235	0.00016	0.000338	0.00129	0.000194
2108 Nov	0.000181	0.00096	0.0984	0.00000954	1.54	2.41	0.0237	0.000633	5.97	0.00127	0.0139	0.000132	0.000113	0.0000733	0.0914	0.00000237	0.000168	0.000342	0.00126	0.000212
2108 Dec	0.000181	0.00096	0.0985	0.00000954	1.54	2.41	0.0237	0.000634	5.97	0.00127	0.0139	0.000132	0.000113	0.0000734	0.0915	0.00000237	0.000168	0.000342	0.00126	0.000212
2109 Jan	0.000181	0.000961	0.0985	0.00000954	1.54	2.41	0.0237	0.000634	5.97	0.00127	0.0139	0.000132	0.000113	0.0000734	0.0915	0.00000237	0.000168	0.000342	0.00126	0.000212
2109 Feb	0.000181	0.000961	0.0985	0.00000955	1.54	2.41	0.0237	0.000634	5.97	0.00127	0.0139	0.000132	0.000113	0.0000734	0.0915	0.00000237	0.000168	0.000342	0.00126	0.000212
2109 Mar	0.000182	0.000962	0.0987	0.00000956	1.54	2.41	0.0238	0.000635	5.98	0.00127	0.014	0.000133	0.000113	0.0000735	0.0917	0.00000237	0.000168	0.000343	0.00126	0.000213
2109 Apr	0.000183	0.00097	0.0995	0.00000964	1.55	2.43	0.024	0.00064	6.03	0.00128	0.0141	0.000134	0.000114	0.0000741	0.0924	0.00000239	0.00017	0.000346	0.00127	0.000214
2109 May	0.000301	0.00104	0.129	0.00000956	1.87	3.18	0.0474	0.0006	7.18	0.00152	0.0149	0.000344	0.000172	0.0001	0.119	0.0000025	0.00019	0.000595	0.00142	0.000268
2109 Jun	0.000358	0.001	0.144	0.00000967	1.98	3.44	0.0607	0.000483	7.4	0.00164	0.0148	0.000472	0.000245	0.000114	0.128	0.00000257	0.000192	0.000792	0.00173	0.000287
2109 Jul	0.000266	0.000946	0.126	0.00001	1.65	2.73	0.0432	0.0004	6.1	0.00144	0.0133	0.000338	0.000202	0.0000916	0.103	0.00000246	0.000152	0.000584	0.00165	0.000207
2109 Aug	0.000215	0.000952	0.116	0.0000103	1.53	2.43	0.0329	0.000407	5.7	0.00135	0.0128	0.000254	0.000159	0.0000823	0.0928	0.00000246	0.00014	0.000416	0.00151	0.000181
2109 Sep	0.000196	0.000945	0.105	0.00000986	1.55	2.42	0.0282	0.000532	5.88	0.00131	0.0132	0.000189	0.000131	0.0000793	0.0925	0.00000241	0.000155	0.000361	0.00135	0.000205
2109 Oct	0.000221	0.000979	0.104	0.00000924	1.84	2.88	0.0333	0.000712	7.24	0.00146	0.0157	0.000206	0.000161	0.0000957	0.106	0.00000263	0.000228	0.000428	0.00129	0.000367
2109 Nov	0.000222	0.000984	0.104	0.00000928	1.85	2.9	0.0335	0.000718	7.29	0.00147	0.0158	0.000207	0.000162	0.0000962	0.106	0.00000264	0.000229	0.00043	0.0013	0.000369
2109 Dec	0.000222	0.000985	0.104	0.00000928	1.85	2.9	0.0335	0.000719	7.29	0.00147	0.0158	0.000207	0.000162	0.0000963	0.106	0.00000264	0.000229	0.00043	0.0013	0.000369
2110 Jan	0.000222	0.000985	0.104	0.00000929	1.86	2.9	0.0335	0.000719	7.3	0.00147	0.0158	0.000207	0.000162	0.0000963	0.106	0.00000264	0.00023	0.00043	0.0013	0.00037
2110 Feb	0.000223	0.000986	0.104	0.00000929	1.86	2.91	0.0335	0.000719	7.3	0.00147	0.0158	0.000207	0.000162	0.0000964	0.106	0.00000264	0.00023	0.00043	0.0013	0.00037
2110 Mar	0.000223	0.000987	0.104	0.0000093	1.86	2.91	0.0335	0.00072	7.31	0.00147	0.0159	0.000207	0.000162	0.0000965	0.107	0.00000265	0.00023	0.000431	0.0013	0.00037
2110 Apr	0.000224	0.000991	0.105	0.00000934	1.87	2.92	0.0337	0.000724	7.34	0.00148	0.0159	0.000208	0.000163	0.0000969	0.107	0.00000266	0.000231	0.000433	0.00131	0.000372
2110 May	0.000267	0.00102	0.117	0.00000947	1.94	3.15	0.0418	0.000694	7.58	0.00155	0.0159	0.000283	0.000177	0.000104	0.116	0.00000266	0.000227	0.000523	0.00137	0.000364
2110 Jun	0.000235	0.000861	0.108	0.00000935	1.78	2.77	0.0397	0.000523	6.64	0.00149	0.0146	0.000278	0.000241	0.0000993	0.101	0.00000262	0.000208	0.000589	0.00169	0.000352
2110 Jul	0.000186	0.000836	0.102	0.00000992	1.53	2.29	0.0299	0.00042	5.56	0.00135	0.0133	0.00021	0.000218	0.0000825	0.0857	0.00000252	0.000164	0.000492	0.00174	0.000251
2110 Aug	0.000191	0.00089	0.0936	0.00000952	1.7	2.54	0.0291	0.000619	6.47	0.00138	0.0135	0.000177	0.000139	0.0000919	0.0964	0.00000256	0.000189	0.000326	0.00128	0.000299
2110 Sep	0.000211	0.000948	0.0998	0.00000927	1.82	2.79	0.0321	0.000705	7.04	0.00144	0.0149	0.000195	0.000154	0.0000956	0.103	0.00000264	0.00022	0.000395	0.00128	0.000355
2110 Oct	0.000218	0.000973	0.102	0.00000919	1.86	2.88	0.0329	0.000738	7.22	0.00145	0.0155	0.000201	0.00016	0.0000963	0.106	0.00000269	0.000232	0.00042	0.00128	0.000374
2110 Nov	0.00022	0.000972	0.102	0.00000916	1.88	2.9	0.0334	0.000744	7.29	0.00146	0.0156	0.000205	0.000164	0.0000978	0.107	0.00000271	0.000236	0.000425	0.00128	0.000385
2110 Dec	0.00022	0.000972	0.103	0.00000916	1.88	2.91	0.0334	0.000745	7.3	0.00146	0.0156	0.000205	0.000164	0.0000979	0.107	0.00000271	0.000237	0.000425	0.00128	0.000386
2111 Jan	0.00022	0.000973	0.103	0.00000916	1.88	2.91	0.0335	0.000745	7.31	0.00146	0.0156	0.000205	0.000164	0.000098	0.107	0.00000271	0.000237	0.000425	0.00128	0.000386
2111 Feb	0.00022	0.000973	0.103	0.00000916	1.88	2.91	0.0335	0.000745	7.31	0.00146	0.0156	0.000205	0.000164	0.000098	0.107	0.00000271	0.000237	0.000426	0.00128	0.000386
2111 Mar	0.000221	0.000975	0.103	0.00000918	1.89	2.91	0.0335	0.000746	7.32	0.00147	0.0156	0.000206	0.000165	0.0000982	0.107	0.00000272	0.000237	0.000426	0.00128	0.000387
2111 Apr	0.000223	0.000983	0.104	0.00000926	1.9	2.94	0.0338	0.000753	7.39	0.00148	0.0158	0.000208	0.000166	0.0000991	0.108	0.00000274	0.000239	0.00043	0.00129	0.00039
2111 May	0.000292	0.00103	0.124	0.00000941	2.02	3.3	0.0468	0.000698	7.73	0.00158	0.0157	0.00033	0.000188	0.000109	0.122	0.00000273	0.000231	0.000575	0.0014	0.00037
2111 Jun	0.000262	0.000889	0.115	0.00000935	1.84	2.91	0.0444	0.000536	6.77	0.00151	0.0143	0.000321	0.000239	0.000103	0.108	0.00000267	0.000207	0.000627	0.00168	0.000333
2111 Jul	0.000228	0.00088	0.113	0.0000101	1.69	2.6	0.0376	0.000465	6.09	0.00145	0.0138	0.000271	0.000238	0.0000927	0.0977	0.00000267	0.000179	0.000588	0.00182	0.000269
2111 Aug	0.000179	0.000868	0.0956	0.00000968	1.55	2.3	0.0269	0.000522	5.74	0.0013	0.0124	0.000175	0.000143	0.0000827	0.0887	0.00000248	0.00016	0.000335	0.00137	0.00023
2111 Sep	0.000191	0.000907	0.0943	0.00000945	1.71	2.56	0.0285	0.000663	6.48	0.00137	0.0136	0.000167	0.000136	0.0000902	0.0974	0.00000259	0.000194	0.000337	0.00127	0.000296
2111 Oct	0.000217	0.000955	0.101	0.0000091	1.88	2.88	0.0334	0.000747	7.24	0.00145	0.0152	0.000204	0.000164	0.0000988	0.106	0.00000274	0.000237	0.000416	0.00127	0.00039
2111 Nov	0.000216	0.000966	0.101	0.00000913	1.87	2.87	0.0327	0.000754	7.2	0.00144	0.0152	0.000199	0.00016	0.000097	0.106	0.00000273	0.000235	0.000414	0.00126	0.000381
2111 Dec	0.000216	0.000967	0.102	0.00000914	1.87	2.87	0.0326	0.000754	7.19	0.00144	0.0152	0.000198	0.000159	0.0000969	0.106	0.00000273	0.000235	0.000414	0.00126	0.00038
2112 Jan	0.000216	0.000967	0.102	0.00000914	1.87	2.87	0.0327	0.000754	7.2	0.00144	0.0153	0.000198	0.00016	0.0000969	0.106	0.00000273	0.000235	0.000414	0.00127	0.000381
2112 Feb	0.000216	0.000968	0.102	0.00000914	1.87	2.87	0.0327	0.000755	7.2	0.00145	0.0153	0.000198	0.00016	0.000097	0.106	0.00000273	0.000235	0.000414	0.00127	0.000381
2112 Mar	0.000217	0.00097	0.102	0.00000917	1.88	2.88	0.0328	0.000756	7.22	0.00145	0.0153	0.000199	0.00016	0.0000972	0.106	0.00000274	0.000236	0.000415	0.00127	0.000382
2112 Apr	0.000218	0.000977	0.103	0.00000923	1.89	2.9	0.033	0.000762	7.27	0.00146	0.0154	0.0002	0.000161	0.000098	0.107	0.00000276	0.000237	0.000418	0.00128	0.000385
2112 May	0.000305	0.00103	0.127	0.00000936	2.03	3.34	0.0493	0.00069	7.69	0.00158	0.0153	0.000354	0.00019	0.000111	0.124	0.00000274	0.000227	0.0006	0.0014	0.000362
2112 Jun	0.000231	0.000855	0.104	0.00000904	1.86	2.82	0.0393	0.000609	6.84	0.00148	0.0145	0.000269	0.000235	0.000104	0.104	0.00000279	0.000229	0.000557	0.00159	0.000387
2112 Jul	0.000195	0.000854	0.101	0.00000963	1.69	2.49	0.032	0.000535	6.13	0.0014	0.0137	0.000218	0.000218	0.0000919	0.0926	0.00000273	0.000198	0.00048	0.00163	0.000315
2112 Aug	0.000177	0.000865	0.0971	0.00001	1.59	2.31	0.0272	0.000526	5.75	0.00134	0.0128	0.000175	0.000173	0.0000847	0.0889	0.00000263	0.000169	0.000386	0.00154	0.000245
2112 Sep	0.000165	0.000878	0.0921	0.00000983	1.51	2.22	0.0231	0.000572	5.55	0.00126	0.0123	0.000132	0.000123	0.0000772	0.087	0.00000247	0.000153	0.000306	0.00135	0.000201
2112 Oct	0.000185	0.000925	0.0963	0.00000949	1.64	2.48	0.0263	0.000661	6.16	0.00132	0.0134	0.000153	0.00013	0.000083	0.0944	0.00000256	0.000185	0.000345	0.00128	0.000269
2112 Nov	0.000191	0.000935	0.0975	0.00000944	1.69	2.56	0.0275	0.000682	6.35	0.00134	0.0137	0.000161	0.000135	0.0000857	0.0968	0.0000026	0.000194	0.000358	0.00128	0.000291
2112 Dec	0.000191	0.000936	0.0975	0.00000944	1.69	2.56	0.0275	0.000683	6.36	0.00134	0.0138	0.000161	0.000136	0.0000857	0.0968	0.0000026	0.000195	0.000358	0.00128	0.000292
2113 Jan	0.000191	0.000936	0.0976	0.00000944	1.69	2.56	0.0275	0.000683	6.36	0.00134	0.0138	0.000161	0.000136	0.0000858	0.0969	0.0000026	0.000195	0.000359	0.00128	0.000292
2113 Feb	0.000191	0.000936	0.0976	0.00000945	1.69	2.56	0.0276	0.000684	6.37	0.00134	0.0138	0.000161	0.000136	0.0000858	0.0969	0.00000261	0.000195	0.000359	0.00128	0.000292
2113 Mar	0.000192	0.00094	0.098	0.00000948	1.7	2.57	0.0277	0.000686	6.39	0.00135	0.0138	0.000162	0.000136	0.0000862	0.0973	0.00000262	0.000196	0.00036	0.00128	0.000294
2113 Apr	0.000194	0.000947	0.0987	0.00000955	1.71	2.59	0.0279	0.000691	6.44	0.00136	0.0139	0.000163	0.000137	0.0000868	0.098	0.00000263	0.000197	0.000363	0.00129	0.000296
2113 May	0.000304	0.00102	0.129	0.00000959	1.91	3.19	0.0485	0.000626	7.13	0.00152	0.0141	0.000355	0.000175	0.000104	0.121	0.00000263	0.000194	0.000593	0.00143	0.000291
2113 Jun	0.000257	0.000886	0.112	0.00000924	1.9	2.95	0.0439	0.000597	6.93	0.00152	0.0143	0.000311	0.00024	0.000107	0.109	0.0000028	0.000223	0.000608	0.00163	0.000384
2113 Jul	0.000203	0.000878	0.107	0.00000984	1.61	2.43	0.0326	0.000474	5.79	0.00136	0.013	0.000236	0.0002	0.0000872	0.0917	0.00000263	0.000171	0.00047	0.00161	0.000266
2113 Aug	0.000174	0.00089	0.102	0.0000102	1.45	2.16	0.0257	0.000438	5.25	0.00127	0.012	0.000184	0.00015	0.0000767	0.0839	0.0000025	0.000139	0.000343	0.00148	0.000187
2113 Sep	0.000179	0.000912	0.0975	0.00000969	1.56	2.35	0.0256	0.000587	5.79	0.00129	0.0127	0.000159	0.000129	0.0000799	0.0904	0.00000252	0.000165	0.000329	0.00132	0.000237
2113 Oct	0.000217	0.000957	0.101	0.00000906	1.89	2.87	0.0331	0.000771	7.14	0.00144	0.0148	0.000202	0.000161	0.0000983	0.106	0.00000279	0.000237	0.000416	0.00125	0.000401
2113 Nov	0.000215	0.000964	0.101	0.00000913	1.87	2.85	0.0323	0.000772	7.07	0.00143	0.0147	0.000195	0.000156	0.0000965	0.106	0.00000277	0.000233	0.000409	0.00125	0.000388
2113 Dec	0.000215	0.000965	0.101	0.00000913	1.87	2.85	0.0324	0.000772	7.07	0.00143	0.0148	0.000196	0.000156	0.0000966	0.106	0.00000278	0.000233	0.000409	0.00125	0.000388
2114 Jan	0.000215	0.000965	0.101	0.00000914	1.87	2.85	0.0324	0.000772	7.07	0.00143	0.0148	0.000196	0.000156	0.0000966	0.106	0.00000278	0.000233	0.000409	0.00125	0.000389
2114 Feb	0.000215	0.000965	0.101	0.00000914	1.87	2.85	0.0324	0.000772	7.07	0.00143	0.0148	0.000196	0.000156	0.0000966	0.106	0.00000278	0.000233	0.000409	0.00125	0.000389

Appendix C.2-9: A1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Mar	0.000215	0.000967	0.102	0.00000916	1.87	2.86	0.0324	0.000774	7.09	0.00143	0.0148	0.000196	0.000157	0.0000968	0.106	0.00000278	0.000234	0.00041	0.00126	0.000389
2114 Apr	0.000216	0.000972	0.102	0.0000092	1.88	2.87	0.0326	0.000778	7.13	0.00144	0.0149	0.000197	0.000157	0.0000973	0.107	0.0000028	0.000235	0.000412	0.00126	0.000391
2114 May	0.000315	0.00102	0.128	0.00000921	2.07	3.41	0.0517	0.000707	7.73	0.00159	0.0148	0.000375	0.000197	0.000114	0.127	0.0000028	0.000233	0.000622	0.0014	0.000391
2114 Jun	0.000347	0.000979	0.14	0.0000096	1.97	3.35	0.0589	0.00052	7.11	0.0016	0.0137	0.000456	0.000242	0.000113	0.126	0.00000268	0.000193	0.00077	0.00171	0.000307
2114 Jul	0.000307	0.000983	0.136	0.0000104	1.85	3.06	0.0511	0.000471	6.58	0.00156	0.0136	0.000396	0.000236	0.000104	0.116	0.00000271	0.000173	0.000702	0.00181	0.000258
2114 Aug	0.000293	0.00102	0.136	0.000011	1.83	2.99	0.0476	0.000483	6.52	0.00156	0.0136	0.000364	0.000218	0.000102	0.115	0.00000277	0.000165	0.000645	0.00181	0.000233
2114 Sep	0.0002	0.000952	0.107	0.0000102	1.47	2.33	0.0275	0.00053	5.37	0.00126	0.012	0.000179	0.000115	0.000073	0.0923	0.00000237	0.000127	0.000381	0.00141	0.000133
2114 Oct	0.00019	0.000959	0.1	0.00000952	1.59	2.47	0.0258	0.000666	5.97	0.00128	0.0132	0.000151	0.000114	0.0000775	0.0945	0.00000248	0.000173	0.000351	0.00124	0.000244
2114 Nov	0.000214	0.00096	0.101	0.00000912	1.85	2.83	0.0321	0.000767	6.97	0.00142	0.0145	0.000194	0.000154	0.0000958	0.105	0.00000276	0.00023	0.000406	0.00125	0.000398
2114 Dec	0.000215	0.000961	0.101	0.00000912	1.87	2.85	0.0325	0.000772	7.03	0.00143	0.0145	0.000197	0.000157	0.0000968	0.106	0.00000278	0.000233	0.00041	0.00125	0.000406
2115 Jan	0.000215	0.000961	0.101	0.00000912	1.87	2.85	0.0325	0.000772	7.03	0.00143	0.0145	0.000197	0.000157	0.0000969	0.106	0.00000278	0.000233	0.00041	0.00125	0.000406
2115 Feb	0.000215	0.000961	0.101	0.00000912	1.87	2.85	0.0326	0.000773	7.03	0.00143	0.0145	0.000197	0.000157	0.0000969	0.106	0.00000278	0.000233	0.00041	0.00125	0.000406
2115 Mar	0.000215	0.000962	0.101	0.00000913	1.87	2.86	0.0326	0.000773	7.04	0.00143	0.0146	0.000198	0.000157	0.000097	0.106	0.00000278	0.000233	0.000411	0.00125	0.000407
2115 Apr	0.000217	0.000969	0.102	0.00000919	1.88	2.88	0.0328	0.000779	7.09	0.00144	0.0147	0.000199	0.000158	0.0000977	0.107	0.0000028	0.000235	0.000414	0.00126	0.00041
2115 May	0.000358	0.00105	0.141	0.00000928	2.1	3.59	0.0595	0.000657	7.78	0.00163	0.0144	0.00045	0.000206	0.000118	0.134	0.00000274	0.000219	0.000709	0.00145	0.000374
2115 Jun	0.000433	0.00109	0.164	0.0000098	2.2	3.93	0.0737	0.000555	8	0.00175	0.0143	0.000587	0.000246	0.000129	0.148	0.00000275	0.000202	0.000898	0.0017	0.00033
2115 Jul	0.000357	0.00107	0.151	0.0000103	1.93	3.37	0.0591	0.000476	7	0.0016	0.0135	0.000476	0.00021	0.00011	0.128	0.00000266	0.000168	0.000723	0.00166	0.000251
2115 Aug	0.000209	0.000907	0.105	0.00000976	1.56	2.42	0.0317	0.000508	5.69	0.0013	0.0116	0.000224	0.000128	0.0000842	0.0944	0.00000245	0.000145	0.000359	0.00132	0.000209
2115 Sep	0.000184	0.000891	0.0941	0.00000967	1.61	2.4	0.0269	0.00062	5.92	0.0013	0.012	0.000161	0.000115	0.000085	0.0937	0.00000253	0.000165	0.000302	0.00125	0.000252
2115 Oct	0.000193	0.000924	0.0969	0.00000953	1.68	2.54	0.0282	0.000675	6.25	0.00134	0.0129	0.000167	0.000125	0.0000875	0.0973	0.0000026	0.000186	0.000335	0.00124	0.000298
2115 Nov	0.000213	0.000953	0.101	0.00000924	1.85	2.82	0.0323	0.000759	6.94	0.00143	0.0141	0.000196	0.000153	0.0000969	0.105	0.00000277	0.000226	0.000397	0.00125	0.000401
2115 Dec	0.000214	0.000955	0.101	0.00000924	1.86	2.83	0.0324	0.000762	6.96	0.00143	0.0142	0.000197	0.000154	0.0000972	0.105	0.00000278	0.000228	0.000399	0.00125	0.000404
2116 Jan	0.000214	0.000955	0.101	0.00000924	1.86	2.83	0.0325	0.000762	6.97	0.00143	0.0142	0.000197	0.000154	0.0000973	0.105	0.00000278	0.000228	0.000399	0.00125	0.000404
2116 Feb	0.000214	0.000956	0.101	0.00000924	1.86	2.83	0.0325	0.000763	6.97	0.00143	0.0142	0.000197	0.000154	0.0000974	0.105	0.00000278	0.000228	0.000399	0.00125	0.000405
2116 Mar	0.000214	0.000957	0.101	0.00000925	1.86	2.84	0.0325	0.000763	6.98	0.00143	0.0142	0.000198	0.000154	0.0000975	0.105	0.00000279	0.000228	0.0004	0.00126	0.000405
2116 Apr	0.000216	0.000963	0.102	0.00000931	1.88	2.86	0.0328	0.000769	7.03	0.00144	0.0143	0.000199	0.000155	0.0000981	0.106	0.0000028	0.00023	0.000402	0.00126	0.000408
2116 May	0.000318	0.00103	0.13	0.00000941	2.03	3.38	0.0518	0.000686	7.53	0.00158	0.0142	0.000378	0.000189	0.000113	0.126	0.00000276	0.000219	0.000619	0.00141	0.000383
2116 Jun	0.000239	0.000867	0.106	0.00000916	1.91	2.89	0.0409	0.000641	6.84	0.0015	0.0139	0.000281	0.000238	0.000107	0.106	0.00000288	0.000232	0.00057	0.00159	0.00044
2116 Jul	0.000198	0.000839	0.103	0.0000101	1.68	2.46	0.033	0.000512	5.83	0.00142	0.0132	0.000223	0.000244	0.0000913	0.0922	0.0000028	0.000188	0.00055	0.00183	0.000326
2116 Aug	0.000185	0.000864	0.102	0.0000105	1.62	2.35	0.0292	0.000514	5.64	0.00139	0.0127	0.00019	0.000206	0.0000867	0.0903	0.00000274	0.000168	0.000467	0.00176	0.000267
2116 Sep	0.00018	0.00091	0.0967	0.00000978	1.59	2.38	0.0255	0.000628	5.8	0.0013	0.0126	0.000148	0.000135	0.0000801	0.0917	0.00000256	0.00017	0.000357	0.00137	0.000257
2116 Oct	0.000214	0.00097	0.102	0.00000926	1.85	2.83	0.0319	0.000776	6.9	0.00142	0.0141	0.000192	0.00015	0.000095	0.105	0.00000278	0.000226	0.000404	0.00125	0.000397
2116 Nov	0.000214	0.000975	0.103	0.00000929	1.85	2.83	0.0318	0.000779	6.9	0.00142	0.0142	0.000191	0.000149	0.0000948	0.105	0.00000279	0.000226	0.000403	0.00125	0.000395
2116 Dec	0.000214	0.000975	0.103	0.00000929	1.85	2.83	0.0318	0.00078	6.91	0.00142	0.0142	0.000191	0.000149	0.0000949	0.105	0.00000279	0.000226	0.000404	0.00125	0.000395
2117 Jan	0.000214	0.000975	0.103	0.00000929	1.85	2.83	0.0319	0.00078	6.91	0.00142	0.0142	0.000192	0.000149	0.0000949	0.105	0.00000279	0.000226	0.000404	0.00125	0.000396
2117 Feb	0.000214	0.000976	0.103	0.00000929	1.85	2.83	0.0319	0.00078	6.91	0.00142	0.0142	0.000192	0.000149	0.0000949	0.105	0.00000279	0.000226	0.000404	0.00125	0.000396
2117 Mar	0.000215	0.000977	0.103	0.00000931	1.85	2.84	0.0319	0.000781	6.92	0.00142	0.0142	0.000192	0.000149	0.0000951	0.106	0.00000279	0.000227	0.000405	0.00125	0.000396
2117 Apr	0.000217	0.000985	0.104	0.00000939	1.87	2.86	0.0322	0.000788	6.98	0.00143	0.0143	0.000194	0.000151	0.0000959	0.106	0.00000282	0.000229	0.000408	0.00126	0.0004
2117 May	0.000334	0.00105	0.136	0.0000095	2.04	3.45	0.0543	0.00068	7.52	0.00159	0.0141	0.000402	0.000188	0.000112	0.129	0.00000275	0.000213	0.000654	0.00143	0.000361
2117 Jun	0.000338	0.000981	0.137	0.00000962	2.02	3.38	0.0575	0.000578	7.25	0.00162	0.0137	0.000438	0.000242	0.000116	0.126	0.0000028	0.000208	0.000746	0.00168	0.000367
2117 Jul	0.000295	0.000985	0.133	0.0000103	1.85	3.02	0.0487	0.000504	6.57	0.00154	0.0133	0.000375	0.000223	0.000103	0.114	0.00000276	0.000179	0.00065	0.00172	0.000292
2117 Aug	0.000242	0.000956	0.12	0.0000105	1.64	2.61	0.0378	0.000473	5.85	0.0014	0.0122	0.000283	0.00017	0.0000894	0.101	0.00000259	0.000145	0.000488	0.00158	0.000208
2117 Sep	0.000212	0.000953	0.112	0.0000105	1.52	2.4	0.0309	0.000494	5.48	0.00131	0.0119	0.000217	0.000133	0.0000791	0.0947	0.00000247	0.000129	0.000404	0.00148	0.000156
2117 Oct	0.000193	0.000962	0.105	0.00001	1.51	2.37	0.0261	0.000584	5.54	0.00126	0.0123	0.000165	0.00011	0.0000737	0.0923	0.00000243	0.000143	0.000355	0.00133	0.000181
2117 Nov	0.000192	0.000965	0.103	0.00000984	1.54	2.41	0.0259	0.000623	5.7	0.00127	0.0125	0.000158	0.00011	0.0000751	0.0933	0.00000246	0.000155	0.000351	0.00129	0.000211
2117 Dec	0.000192	0.000965	0.103	0.00000984	1.54	2.41	0.0259	0.000624	5.71	0.00127	0.0126	0.000157	0.00011	0.0000751	0.0933	0.00000246	0.000156	0.000351	0.00129	0.000211
2118 Jan	0.000192	0.000965	0.103	0.00000984	1.55	2.42	0.0259	0.000625	5.71	0.00127	0.0126	0.000158	0.00011	0.0000752	0.0934	0.00000246	0.000156	0.000351	0.00129	0.000212
2118 Feb	0.000192	0.000965	0.103	0.00000984	1.55	2.42	0.0259	0.000625	5.71	0.00127	0.0126	0.000158	0.00011	0.0000752	0.0934	0.00000247	0.000156	0.000351	0.00129	0.000212
2118 Mar	0.000192	0.000966	0.103	0.00000985	1.55	2.42	0.0259	0.000625	5.72	0.00127	0.0126	0.000158	0.000111	0.0000753	0.0935	0.00000247	0.000156	0.000351	0.00129	0.000212
2118 Apr	0.000237	0.00101	0.116	0.0000099	1.64	2.68	0.034	0.000616	6.07	0.00134	0.0127	0.000194	0.000117	0.0000785	0.104	0.00000247	0.000156	0.00043	0.00131	0.000207
2118 May	0.00039	0.00109	0.153	0.0000096	2.07	3.68	0.0641	0.00061	7.61	0.00163	0.0136	0.000453	0.000191	0.000112	0.139	0.00000265	0.000192	0.000752	0.00146	0.000308
2118 Jun	0.000264	0.000902	0.115	0.00000949	1.95	3.02	0.0451	0.00063	6.92	0.00154	0.0137	0.00032	0.000243	0.000109	0.112	0.00000292	0.000226	0.000623	0.00166	0.000415
2118 Jul	0.000239	0.000915	0.116	0.0000103	1.82	2.77	0.0398	0.000554	6.38	0.0015	0.0135	0.000284	0.000239	0.0001	0.104	0.0000029	0.000198	0.000589	0.00179	0.000342
2118 Aug	0.000179	0.000864	0.0967	0.00001	1.53	2.26	0.0267	0.000528	5.44	0.00129	0.0115	0.000171	0.00014	0.0000814	0.0886	0.00000254	0.000147	0.000343	0.00143	0.000216
2118 Sep	0.000219	0.000958	0.103	0.00000931	1.87	2.84	0.0333	0.00077	6.89	0.00143	0.0137	0.000204	0.000153	0.0000975	0.106	0.00000282	0.000225	0.000409	0.00127	0.000394
2118 Oct	0.000231	0.000978	0.105	0.00000921	1.96	3	0.0358	0.000817	7.25	0.00147	0.0142	0.000222	0.000165	0.000103	0.111	0.00000293	0.000245	0.00044	0.00127	0.000444
2118 Nov	0.000233	0.00098	0.106	0.00000922	1.98	3.03	0.0363	0.000824	7.32	0.00148	0.0143	0.000226	0.000168	0.000104	0.112	0.00000295	0.000248	0.000445	0.00127	0.000454
2118 Dec	0.000233	0.000981	0.106	0.00000922	1.98	3.03	0.0363	0.000825	7.32	0.00148	0.0143	0.000226	0.000168	0.000104	0.112	0.00000295	0.000248	0.000445	0.00127	0.000453
2119 Jan	0.000233	0.000981	0.106	0.00000923	1.98	3.03	0.0363	0.000825	7.32	0.00148	0.0143	0.000226	0.000168	0.000104	0.112	0.00000295	0.000248	0.000445	0.00127	0.000453
2119 Feb	0.000233	0.000981	0.106	0.00000923	1.98	3.03	0.0363	0.000825	7.32	0.00149	0.0143	0.000226	0.000168	0.000104	0.112	0.00000295	0.000248	0.000445	0.00127	0.000454
2119 Mar	0.000234	0.000984	0.106	0.00000925	1.99	3.03	0.0364	0.000827	7.34	0.00149	0.0144	0.000227	0.000168	0.000105	0.112	0.00000296	0.000249	0.000446	0.00128	0.000455
2119 Apr	0.000343	0.00109	0.137	0.00000939	2.17	3.64	0.0556	0.000784	8.05	0.00163	0.0145	0.000313	0.00018	0.00011	0.135	0.00000291	0.000239	0.000635	0.00132	0.000422
2119 May	0.000463	0.00113	0.168	0.00000925	2.37	4.24	0.0793	0.00067	8.64	0.0018	0.0142	0.000564	0.000235	0.000133	0.158	0.00000289	0.000232	0.000901	0.00151	0.00041
2119 Jun	0.000277	0.000903	0.119	0.00000945	1.92	3.02	0.0472	0.0006	6.75	0.00152	0.0132	0.00034	0.00024	0.000107	0.113	0.00000286	0.000212	0.000649	0.00167	0.000376
2119 Jul	0.000232	0.000877	0.114	0.0000102	1.72	2.62	0.0387	0.000501	5.92	0.00145	0.0128	0.000275	0.000243	0.0000943	0.0991	0.00000281	0.00018	0.000606	0.00185	0.000294
2119 Aug	0.000186	0.00086	0.1	0.0000103	1.52	2.26	0.0283	0.000498	5.31	0.00131	0.0115	0.000183	0.00016	0.000081	0.089	0.00000256	0.000141	0.000403	0.00157	0.000196
2119 Sep	0.000188	0.000912	0.0972	0.00000964	1.62	2.44	0.027	0.000656	5.89	0.0013	0.0122	0.000157	0.000124	0.0000826	0.0945	0.00000259	0.000172	0.000344	0.00129	0.000261
2119 Oct	0.000228	0.000971	0.105	0.00000925	1.93	2.94	0.0351	0.000805	7.07	0.00145	0.0138	0.000214	0.000159	0.0001	0.109	0.00000291	0.000235	0.00043	0.00126	0.00042
2119 Nov	0.000237	0.000979	0.106	0.0000092	1.99	3.04	0.037	0.000833	7.32	0.00149	0.0141	0.000228	0.000168	0.000105	0.113	0.00000298	0.000248	0.000449	0.00127	0.000454
2119 Dec	0.000237	0.00098	0.106	0.00000921	1.99	3.04	0.037	0.000833	7.32	0.00149	0.0141	0.000228	0.000168	0.000105	0.113	0.00000298	0.000249	0.000449	0.00127	0.000455

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	42.9	0.0312	0.00764	0.00104	8.5	0.0274	3.07	0.00104	0.00104	0.00000521	0.00732	0.00103	0.01	0.0148	0.00000521	12.8	0.0000191	0.000213
Operation (2024-2031): Mean	54.1	0.0458	0.0104	0.00109	11.6	0.0301	4.16	0.00109	0.00109	0.00000545	0.00777	0.00124	0.0109	0.0205	0.00000545	17.4	0.0000199	0.000263
Operation (2024-2031): Max	69.1	0.0621	0.0149	0.00114	15.7	0.0316	5.51	0.00114	0.00114	0.00000571	0.00823	0.00151	0.0115	0.0288	0.00000571	23.9	0.0000216	0.000336
Active Closure (2032-2038): Min	43.3	0.0325	0.008	0.000955	8.81	0.0252	3.16	0.000955	0.000955	0.00000477	0.00687	0.00102	0.00943	0.0155	0.00000477	13.3	0.0000169	0.000213
Active Closure (2032-2038): Mean	53.5	0.051	0.0103	0.00101	11.8	0.029	4.25	0.00101	0.00101	0.00000506	0.0073	0.0012	0.0102	0.0207	0.00000506	17.5	0.0000183	0.000256
Active Closure (2032-2038): Max	66.1	0.0627	0.0139	0.0011	15	0.032	5.3	0.0011	0.0011	0.00000548	0.00791	0.00144	0.0111	0.0271	0.00000548	22.6	0.0000205	0.000322
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	47.9	0.0448	0.0134	0.00109	10.6	0.026	4.07	0.000892	0.000892	0.00000448	0.00629	0.000993	0.0108	0.0147	0.0000047	12.6	0.0000156	0.000225
Post Closure (2039-2119): Mean	68	0.0777	0.051	0.0017	16.1	0.0328	7.34	0.00102	0.00102	0.0000051	0.00715	0.00134	0.017	0.0239	0.00000527	19.9	0.0000189	0.00032
Post Closure (2039-2119): Max	85.2	0.1	0.0649	0.00201	20.5	0.039	9.81	0.00116	0.00116	0.00000581	0.00804	0.00164	0.0212	0.0321	0.00000595	26.4	0.0000226	0.000405
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan	65.1	0.0585	0.0136	0.00108	14.8	0.0301	5.23	0.00108	0.00108	0.00000542	0.0076	0.00143	0.0106	0.0267	0.00000542	22.3	0.0000196	0.000314
2024 Feb	65.1	0.0585	0.0136	0.00108	14.8	0.0301	5.23	0.00108	0.00108	0.00000542	0.0076	0.00143	0.0106	0.0267	0.00000542	22.3	0.0000196	0.000314
2024 Mar	65.2	0.0585	0.0136	0.00109	14.8	0.0301	5.24	0.00109	0.00109	0.00000543	0.0076	0.00143	0.0106	0.0268	0.00000543	22.3	0.0000196	0.000314
2024 Apr	65.2	0.0586	0.0136	0.00109	14.8	0.0301	5.25	0.00109	0.00109	0.00000543	0.00762	0.00143	0.0106	0.0268	0.00000543	22.3	0.0000196	0.000314
2024 May	66.5	0.0595	0.014	0.00109	15.1	0.0301	5.35	0.00109	0.00109	0.00000547	0.00766	0.00146	0.0106	0.0275	0.00000547	22.8	0.0000198	0.000321
2024 Jun	66.7	0.0568	0.0146	0.00105	15.2	0.0274	5.32	0.00105	0.00105	0.00000525	0.00732	0.00144	0.01	0.028	0.00000525	23.2	0.0000197	0.000326
2024 Jul	68.2	0.0575	0.0149	0.00109	15.5	0.0283	5.43	0.00109	0.00109	0.00000543	0.00757	0.00148	0.0104	0.0286	0.00000543	23.6	0.0000204	0.000333
2024 Aug	69.1	0.0583	0.0149	0.00111	15.7	0.0294	5.5	0.00111	0.00111	0.00000555	0.00769	0.00151	0.0107	0.0288	0.00000555	23.9	0.0000204	0.000336
2024 Sep	67.7	0.0592	0.0144	0.0011	15.4	0.03	5.43	0.0011	0.0011	0.00000549	0.00762	0.00148	0.0107	0.0281	0.00000549	23.3	0.0000198	0.000328
2024 Oct	67.3	0.0605	0.0142	0.0011	15.4	0.0304	5.43	0.0011	0.0011	0.00000548	0.00765	0.00147	0.0107	0.0278	0.00000548	23.2	0.0000197	0.000325
2024 Nov	67.2	0.0612	0.0141	0.0011	15.4	0.0307	5.43	0.0011	0.0011	0.00000549	0.00767	0.00147	0.0108	0.0277	0.00000549	23.1	0.0000196	0.000324
2024 Dec	67.3	0.0613	0.0141	0.0011	15.4	0.0307	5.44	0.0011	0.0011	0.00000549	0.00768	0.00147	0.0108	0.0278	0.00000549	23.1	0.0000197	0.000324
2025 Jan	67.3	0.0613	0.0141	0.0011	15.4	0.0307	5.44	0.0011	0.0011	0.00000549	0.00768	0.00147	0.0108	0.0278	0.00000549	23.1	0.0000197	0.000324
2025 Feb	67.3	0.0613	0.0141	0.0011	15.4	0.0307	5.44	0.0011	0.0011	0.00000549	0.00768	0.00147	0.0108	0.0278	0.00000549	23.1	0.0000197	0.000324
2025 Mar	67.3	0.0613	0.0141	0.0011	15.4	0.0307	5.44	0.0011	0.0011	0.00000549	0.00768	0.00147	0.0108	0.0278	0.00000549	23.1	0.0000197	0.000324
2025 Apr	67.3	0.0613	0.0141	0.0011	15.4	0.0307	5.44	0.0011	0.0011	0.00000549	0.00768	0.00147	0.0108	0.0278	0.00000549	23.1	0.0000197	0.000324
2025 May	68.1	0.0621	0.0143	0.00111	15.6	0.0311	5.51	0.00111	0.00111	0.00000556	0.00778	0.00149	0.0109	0.0281	0.00000556	23.4	0.0000199	0.000328
2025 Jun	64.7	0.0566	0.0135	0.0011	14.5	0.0299	5.14	0.0011	0.0011	0.00000549	0.00773	0.00142	0.0108	0.0263	0.00000549	22	0.0000201	0.000315
2025 Jul	59	0.048	0.0122	0.00107	13	0.0285	4.58	0.00107	0.00107	0.00000535	0.00752	0.00132	0.0105	0.0236	0.00000535	19.7	0.0000198	0.000289
2025 Aug	60.4	0.0489	0.0124	0.00111	13.3	0.0298	4.7	0.00111	0.00111	0.00000553	0.00771	0.00136	0.0108	0.0241	0.00000553	20.2	0.0000201	0.000294
2025 Sep	60.2	0.0499	0.0123	0.00111	13.3	0.0303	4.71	0.00111	0.00111	0.00000553	0.00771	0.00135	0.0109	0.0239	0.00000553	20.1	0.0000198	0.000292
2025 Oct	59	0.052	0.0118	0.00108	13.1	0.0305	4.66	0.00108	0.00108	0.00000542	0.00764	0.00132	0.0108	0.0233	0.00000542	19.6	0.0000193	0.000284
2025 Nov	58.3	0.0529	0.0115	0.00107	13	0.0306	4.63	0.00107	0.00107	0.00000537	0.00759	0.00131	0.0107	0.023	0.00000537	19.3	0.0000191	0.00028
2025 Dec	58.3	0.0529	0.0115	0.00107	13	0.0306	4.63	0.00107	0.00107	0.00000537	0.00759	0.00131	0.0107	0.023	0.00000537	19.3	0.0000191	0.00028
2026 Jan	58.3	0.0529	0.0115	0.00107	13	0.0306	4.63	0.00107	0.00107	0.00000537	0.00759	0.00131	0.0107	0.023	0.00000537	19.3	0.0000191	0.00028
2026 Feb	58.3	0.0529	0.0115	0.00107	13	0.0306	4.63	0.00107	0.00107	0.00000537	0.0076	0.00131	0.0107	0.023	0.00000537	19.4	0.0000191	0.00028
2026 Mar	58.3	0.0529	0.0115	0.00107	13	0.0306	4.64	0.00107	0.00107	0.00000537	0.0076	0.00131	0.0107	0.023	0.00000537	19.4	0.0000191	0.00028
2026 Apr	58.5	0.0531	0.0115	0.00108	13	0.0307	4.65	0.00108	0.00108	0.00000538	0.00762	0.00131	0.0107	0.023	0.00000538	19.4	0.0000191	0.000281
2026 May	59.1	0.0536	0.0117	0.00109	13.1	0.031	4.7	0.00109	0.00109	0.00000544	0.00769	0.00132	0.0108	0.0233	0.00000544	19.6	0.0000193	0.000284
2026 Jun	55.2	0.0459	0.0111	0.00105	12	0.0282	4.25	0.00105	0.00105	0.00000526	0.00748	0.00124	0.0104	0.0215	0.00000526	18.1	0.0000196	0.00027
2026 Jul	55.5	0.0449	0.0111	0.00108	11.9	0.0287	4.24	0.00108	0.00108	0.00000538	0.00766	0.00126	0.0107	0.0215	0.00000538	18.1	0.0000202	0.000273
2026 Aug	56	0.0451	0.0111	0.0011	12.1	0.0297	4.3	0.0011	0.0011	0.00000548	0.00772	0.00127	0.0109	0.0216	0.00000548	18.2	0.00002	0.000273
2026 Sep	56.5	0.0462	0.0111	0.00111	12.2	0.0303	4.35	0.00111	0.00111	0.00000554	0.00781	0.00129	0.011	0.0218	0.00000554	18.4	0.0000201	0.000275
2026 Oct	56	0.0479	0.0109	0.0011	12.2	0.0306	4.35	0.0011	0.0011	0.00000548	0.00778	0.00127	0.011	0.0215	0.00000548	18.2	0.0000198	0.000271
2026 Nov	56.1	0.048	0.0109	0.0011	12.2	0.0306	4.36	0.0011	0.0011	0.0000055	0.0078	0.00128	0.011	0.0216	0.0000055	18.3	0.0000198	0.000272
2026 Dec	56.1	0.048	0.0109	0.0011	12.2	0.0307	4.36	0.0011	0.0011	0.0000055	0.0078	0.00128	0.011	0.0216	0.0000055	18.3	0.0000198	0.000272
2027 Jan	56.1	0.048	0.0109	0.0011	12.2	0.0307	4.36	0.0011	0.0011	0.0000055	0.0078	0.00128	0.011	0.0216	0.0000055	18.3	0.0000198	0.000272
2027 Feb	56.1	0.0481	0.0109	0.0011	12.2	0.0307	4.36	0.0011	0.0011	0.0000055	0.0078	0.00128	0.011	0.0216	0.0000055	18.3	0.0000198	0.000272
2027 Mar	56.2	0.0481	0.0109	0.0011	12.2	0.0307	4.36	0.0011	0.0011	0.0000055	0.0078	0.00128	0.011	0.0216	0.0000055	18.3	0.0000198	0.000272
2027 Apr	56.4	0.0483	0.011	0.0011	12.3	0.0308	4.38	0.0011	0.0011	0.00000552	0.00783	0.00128	0.011	0.0217	0.00000552	18.3	0.0000199	0.000273
2027 May	57.2	0.0489	0.0111	0.00112	12.4	0.0312	4.44	0.00112	0.00112	0.00000559	0.00793	0.0013	0.0112	0.022	0.00000559	18.6	0.0000202	0.000277
2027 Jun	52.4	0.0411	0.0103	0.00107	11.1	0.0283	3.93	0.00107	0.00107	0.00000534	0.00764	0.0012	0.0107	0.0198	0.00000534	16.8	0.0000201	0.000259
2027 Jul	51	0.0376	0.00998	0.00108	10.6	0.0278	3.75	0.00108	0.00108	0.00000538	0.00769	0.00117	0.0107	0.019	0.00000538	16.1	0.0000205	0.000254
2027 Aug	52.5	0.0388	0.0102	0.00111	10.9	0.0291	3.88	0.00111	0.00111	0.00000555	0.0079	0.00121	0.0111	0.0196	0.00000555	16.6	0.0000209	0.00026
2027 Sep	52.2	0.0406	0.01	0.0011	11	0.0297	3.91	0.0011	0.0011	0.00000552	0.00786	0.00121	0.0111	0.0194	0.00000552	16.5	0.0000204	0.000257
2027 Oct	51.9	0.0426	0.0098	0.0011	11	0.03	3.92	0.0011	0.0011	0.00000548	0.00784	0.0012	0.0111	0.0192	0.00000548	16.4	0.0000201	0.000254
2027 Nov	51.9	0.0434	0.00975	0.00109	11	0.0302	3.94	0.00109	0.00109	0.00000547	0.00785	0.0012	0.0111	0.0192	0.00000547	16.4	0.0000201	0.000254
2027 Dec	51.9	0.0434	0.00975	0.00109	11	0.0302	3.94	0.00109	0.00109	0.00000547	0.00785	0.0012	0.0111	0.0192	0.00000547	16.4	0.00002	0.000254
2028 Jan	51.9	0.0434	0.00975	0.00109	11	0.0302	3.94	0.00109	0.00109	0.00000547	0.00785	0.0012	0.0111	0.0192	0.00000547	16.4	0.00002	0.000254
2028 Feb	51.9	0.0434	0.00975	0.00109	11	0.0302	3.94	0.00109	0.00109	0.00000547	0.00785	0.0012	0.0111	0.0192	0.00000547	16.4	0.00002	0.000254
2028 Mar	51.9	0.0434	0.00975	0.00109	11	0.0302	3.94	0.00109	0.00109	0.00000547	0.00785	0.0012	0.0111	0.0192	0.00000547	16.4	0.00002	0.000254

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Apr	52	0.0435	0.00977	0.0011	11	0.0303	3.95	0.0011	0.0011	0.00000548	0.00786	0.0012	0.0111	0.0192	0.00000548	16.5	0.0000201	0.000254
2028 May	52.5	0.0439	0.00986	0.00111	11.1	0.0305	3.98	0.00111	0.00111	0.00000553	0.00793	0.00121	0.0112	0.0194	0.00000553	16.6	0.0000203	0.000257
2028 Jun	49.2	0.038	0.00929	0.00108	10.2	0.0285	3.62	0.00108	0.00108	0.00000538	0.00776	0.00114	0.0109	0.0179	0.00000538	15.3	0.0000204	0.000245
2028 Jul	48.2	0.0352	0.0091	0.00108	9.78	0.028	3.48	0.00108	0.00108	0.00000539	0.00778	0.00112	0.0109	0.0173	0.00000539	14.9	0.0000207	0.000241
2028 Aug	50.5	0.0369	0.00952	0.00113	10.3	0.0296	3.66	0.00113	0.00113	0.00000566	0.00815	0.00118	0.0114	0.0182	0.00000566	15.6	0.0000215	0.000252
2028 Sep	51	0.0389	0.00952	0.00114	10.4	0.0303	3.73	0.00114	0.00114	0.00000571	0.00823	0.00119	0.0115	0.0183	0.00000571	15.7	0.0000216	0.000254
2028 Oct	49.8	0.0435	0.00895	0.0011	10.4	0.0306	3.74	0.0011	0.0011	0.00000551	0.00805	0.00115	0.0113	0.0178	0.00000551	15.4	0.0000205	0.000243
2028 Nov	49.9	0.0445	0.0089	0.0011	10.4	0.0309	3.77	0.0011	0.0011	0.00000551	0.00807	0.00116	0.0113	0.0178	0.00000551	15.4	0.0000205	0.000243
2028 Dec	49.9	0.0446	0.00891	0.0011	10.4	0.0309	3.77	0.0011	0.0011	0.00000552	0.00807	0.00116	0.0113	0.0178	0.00000552	15.4	0.0000205	0.000243
2029 Jan	49.9	0.0446	0.00891	0.0011	10.4	0.0309	3.77	0.0011	0.0011	0.00000552	0.00807	0.00116	0.0113	0.0178	0.00000552	15.4	0.0000205	0.000243
2029 Feb	49.9	0.0446	0.00891	0.0011	10.4	0.0309	3.77	0.0011	0.0011	0.00000552	0.00807	0.00116	0.0113	0.0178	0.00000552	15.4	0.0000205	0.000243
2029 Mar	49.9	0.0446	0.00891	0.0011	10.4	0.0309	3.77	0.0011	0.0011	0.00000552	0.00807	0.00116	0.0113	0.0178	0.00000552	15.4	0.0000205	0.000243
2029 Apr	49.9	0.0446	0.00892	0.0011	10.4	0.0309	3.78	0.0011	0.0011	0.00000552	0.00808	0.00116	0.0113	0.0178	0.00000552	15.4	0.0000205	0.000243
2029 May	50.3	0.0449	0.00897	0.00111	10.5	0.0311	3.8	0.00111	0.00111	0.00000555	0.00813	0.00116	0.0114	0.018	0.00000555	15.5	0.0000207	0.000245
2029 Jun	49.6	0.0423	0.00893	0.00111	10.2	0.0303	3.69	0.00111	0.00111	0.00000554	0.00812	0.00115	0.0113	0.0176	0.00000554	15.2	0.000021	0.000244
2029 Jul	44.4	0.033	0.00807	0.00104	8.89	0.0276	3.2	0.00104	0.00104	0.00000521	0.00755	0.00105	0.0105	0.0156	0.00000521	13.4	0.0000198	0.00022
2029 Aug	45.2	0.0334	0.00815	0.00107	9.12	0.0289	3.29	0.00107	0.00107	0.00000534	0.00764	0.00108	0.0107	0.0159	0.00000534	13.7	0.0000197	0.000222
2029 Sep	45.8	0.0351	0.00818	0.00108	9.3	0.0296	3.36	0.00108	0.00108	0.00000539	0.00772	0.00109	0.0109	0.0161	0.00000539	13.9	0.0000197	0.000224
2029 Oct	45.8	0.0371	0.00807	0.00107	9.38	0.0299	3.4	0.00107	0.00107	0.00000537	0.00772	0.00109	0.0109	0.0161	0.00000537	13.9	0.0000195	0.000223
2029 Nov	45.6	0.0386	0.00793	0.00106	9.39	0.0301	3.41	0.00106	0.00106	0.00000531	0.00768	0.00108	0.0108	0.016	0.00000531	13.8	0.0000192	0.000221
2029 Dec	45.6	0.0386	0.00793	0.00106	9.39	0.0301	3.41	0.00106	0.00106	0.00000532	0.00768	0.00108	0.0108	0.016	0.00000532	13.9	0.0000192	0.000221
2030 Jan	45.6	0.0386	0.00793	0.00106	9.39	0.0301	3.41	0.00106	0.00106	0.00000532	0.00768	0.00108	0.0108	0.016	0.00000532	13.9	0.0000192	0.000221
2030 Feb	45.6	0.0386	0.00793	0.00106	9.39	0.0301	3.41	0.00106	0.00106	0.00000532	0.00768	0.00108	0.0108	0.016	0.00000532	13.9	0.0000192	0.000221
2030 Mar	45.6	0.0386	0.00794	0.00106	9.4	0.0301	3.42	0.00106	0.00106	0.00000532	0.00768	0.00108	0.0108	0.016	0.00000532	13.9	0.0000193	0.000221
2030 Apr	45.7	0.0387	0.00795	0.00106	9.41	0.0301	3.42	0.00106	0.00106	0.00000532	0.00769	0.00108	0.0108	0.016	0.00000532	13.9	0.0000193	0.000221
2030 May	46.2	0.0391	0.00803	0.00108	9.5	0.0304	3.45	0.00108	0.00108	0.00000538	0.00777	0.00109	0.0109	0.0162	0.00000538	14	0.0000195	0.000223
2030 Jun	44.3	0.0345	0.00783	0.00106	8.91	0.0287	3.22	0.00106	0.00106	0.00000529	0.00768	0.00105	0.0107	0.0154	0.00000529	13.3	0.0000198	0.000219
2030 Jul	42.9	0.0312	0.00764	0.00105	8.5	0.0278	3.07	0.00105	0.00105	0.00000523	0.00755	0.00103	0.0105	0.0148	0.00000523	12.8	0.0000197	0.000213
2030 Aug	43.8	0.0314	0.00775	0.00107	8.7	0.0289	3.15	0.00107	0.00107	0.00000535	0.00766	0.00106	0.0107	0.0151	0.00000535	13.1	0.0000197	0.000215
2030 Sep	44.9	0.0326	0.00792	0.00109	8.94	0.0297	3.23	0.00109	0.00109	0.00000547	0.00784	0.00108	0.011	0.0155	0.00000547	13.4	0.0000201	0.00022
2030 Oct	44.8	0.0345	0.0078	0.00109	9	0.03	3.27	0.00109	0.00109	0.00000543	0.00781	0.00108	0.011	0.0155	0.00000543	13.4	0.0000199	0.000219
2030 Nov	44.7	0.0357	0.00772	0.00108	9.03	0.0301	3.29	0.00108	0.00108	0.0000054	0.0078	0.00107	0.0109	0.0154	0.0000054	13.4	0.0000197	0.000217
2030 Dec	44.7	0.0357	0.00772	0.00108	9.03	0.0301	3.29	0.00108	0.00108	0.00000541	0.0078	0.00107	0.0109	0.0154	0.00000541	13.4	0.0000197	0.000217
2031 Jan	44.7	0.0357	0.00772	0.00108	9.03	0.0301	3.29	0.00108	0.00108	0.00000541	0.0078	0.00107	0.0109	0.0154	0.00000541	13.4	0.0000197	0.000217
2031 Feb	44.7	0.0357	0.00773	0.00108	9.03	0.0301	3.29	0.00108	0.00108	0.00000541	0.0078	0.00107	0.0109	0.0154	0.00000541	13.4	0.0000197	0.000217
2031 Mar	44.7	0.0357	0.00773	0.00108	9.04	0.0301	3.29	0.00108	0.00108	0.00000541	0.0078	0.00107	0.0109	0.0154	0.00000541	13.4	0.0000197	0.000217
2031 Apr	44.9	0.0358	0.00775	0.00109	9.07	0.0302	3.3	0.00109	0.00109	0.00000543	0.00783	0.00108	0.011	0.0155	0.00000543	13.4	0.0000198	0.000218
2031 May	46.3	0.0369	0.00814	0.0011	9.42	0.0304	3.42	0.0011	0.0011	0.00000548	0.0079	0.00111	0.0111	0.0162	0.00000548	14	0.00002	0.000225
2031 Jun	50.8	0.0394	0.00983	0.00107	10.6	0.0284	3.8	0.00107	0.00107	0.00000535	0.00765	0.00118	0.0106	0.019	0.00000535	16.1	0.0000201	0.00025
2031 Jul	52.8	0.0405	0.0102	0.00112	11	0.0296	3.94	0.00112	0.00112	0.00000559	0.00798	0.00122	0.011	0.0197	0.00000559	16.7	0.000021	0.00026
2031 Aug	53.6	0.041	0.0103	0.00114	11.2	0.0307	4.01	0.00114	0.00114	0.0000057	0.00808	0.00125	0.0113	0.02	0.0000057	17	0.000021	0.000262
2031 Sep	52.7	0.0433	0.00987	0.00112	11.2	0.0311	4.01	0.00112	0.00112	0.00000559	0.00795	0.00122	0.0112	0.0196	0.00000559	16.7	0.0000201	0.000255
2031 Oct	51.3	0.0479	0.00924	0.00108	11	0.0315	4	0.00108	0.00108	0.00000541	0.0078	0.00119	0.011	0.0189	0.00000541	16.2	0.0000192	0.000245
2031 Nov	51.3	0.0484	0.00922	0.00108	11.1	0.0316	4.02	0.00108	0.00108	0.00000541	0.00781	0.00119	0.011	0.0189	0.00000541	16.2	0.0000192	0.000245
2031 Dec	51.3	0.0484	0.00922	0.00108	11.1	0.0316	4.02	0.00108	0.00108	0.00000541	0.00781	0.00119	0.011	0.0189	0.00000541	16.2	0.0000192	0.000245
2032 Jan	51.3	0.0484	0.00922	0.00108	11.1	0.0316	4.02	0.00108	0.00108	0.00000541	0.00781	0.00119	0.011	0.0189	0.00000541	16.2	0.0000192	0.000245
2032 Feb	51.3	0.0484	0.00922	0.00108	11.1	0.0316	4.02	0.00108	0.00108	0.00000541	0.00781	0.00119	0.011	0.0189	0.00000541	16.2	0.0000192	0.000245
2032 Mar	51.3	0.0484	0.00922	0.00108	11.1	0.0316	4.02	0.00108	0.00108	0.00000541	0.00782	0.00119	0.011	0.0189	0.00000541	16.2	0.0000192	0.000245
2032 Apr	51.4	0.0485	0.00924	0.00108	11.1	0.0317	4.03	0.00108	0.00108	0.00000542	0.00783	0.00119	0.011	0.0189	0.00000542	16.3	0.0000193	0.000245
2032 May	52	0.049	0.00934	0.0011	11.2	0.032	4.07	0.0011	0.0011	0.00000548	0.00791	0.0012	0.0111	0.0192	0.00000548	16.4	0.0000195	0.000248
2032 Jun	48.2	0.0403	0.0089	0.00105	10	0.0286	3.61	0.00105	0.00105	0.00000525	0.00761	0.00112	0.0106	0.0175	0.00000525	15	0.0000197	0.000236
2032 Jul	43.3	0.0325	0.00801	0.000986	8.81	0.0262	3.16	0.000986	0.000986	0.00000493	0.00709	0.00102	0.00985	0.0155	0.00000493	13.3	0.0000185	0.000213
2032 Aug	43.7	0.033	0.008	0.001	8.98	0.0274	3.23	0.001	0.001	0.000005	0.0071	0.00104	0.01	0.0157	0.000005	13.5	0.0000181	0.000214
2032 Sep	44.4	0.0342	0.00806	0.00101	9.17	0.0282	3.3	0.00101	0.00101	0.00000507	0.00719	0.00105	0.0103	0.0159	0.00000507	13.7	0.0000181	0.000217
2032 Oct	44.7	0.0352	0.00807	0.00102	9.26	0.0285	3.34	0.00102	0.00102	0.0000051	0.00724	0.00106	0.0103	0.016	0.0000051	13.8	0.0000182	0.000218
2032 Nov	44.8	0.0357	0.00805	0.00102	9.28	0.0286	3.35	0.00102	0.00102	0.0000051	0.00725	0.00106	0.0103	0.016	0.0000051	13.8	0.0000182	0.000217
2032 Dec	44.7	0.0361	0.00801	0.00102	9.28	0.0287	3.35	0.00102	0.00102	0.00000508	0.00724	0.00106	0.0103	0.016	0.00000508	13.8	0.0000181	0.000217
2033 Jan	44.7	0.0361	0.00801	0.00102	9.28	0.0287	3.35	0.00102	0.00102	0.00000508	0.00724	0.00106	0.0103	0.016	0.00000508	13.8	0.0000181	0.000217
2033 Feb	44.7	0.0361	0.00801	0.00102	9.29	0.0287	3.35	0.00102	0.00102	0.00000508	0.00724	0.00106	0.0103	0.016	0.00000508	13.8	0.0000181	0.000217
2033 Mar	44.8	0.0362	0.00802	0.00102	9.29	0.0287	3.36	0.00102	0.00102	0.00000509	0.00724	0.00106	0.0103	0.016	0.00000509	13.8	0.0000181	0.000217
2033 Apr	44.9	0.0363	0.00805	0.00102	9.33	0.0288	3.37	0.00102	0.00102	0.00000511	0.00727	0.00106	0.0104	0.0161	0.00000511	13.8	0.0000182	0.000218
2033 May	49.2	0.0394	0.00939	0.00103	10.4	0.0282	3.73	0.00103	0.00103	0.00000513	0.00727	0.00114	0.0103	0.0184	0.00000513	15.7	0.0000186	0.00024
2033 Jun	52.6	0.0405	0.0109	0.000976	11.4	0.0252	4.01	0.000976	0.000976	0.00000488	0.00687	0.00118	0.00952	0.0209	0.00000488	17.4	0.0000184	0.00026
2033 Jul	53.2	0.0404	0.011	0.001	11.5	0.0259	4.05	0.001	0.001	0.000005	0.00702	0.0012	0.00974	0.021	0.000005	17.6	0.0000188	0.000263
2033 Aug	55	0.0416	0.0114	0.00104	11.9	0.0271	4.2	0.00104	0.00104	0.0000052	0.00727	0.00125	0.0101	0.0218	0.0000052	18.2	0.0000193	0.000271
2033 Sep	54.2	0.044	0.0109	0.00103	11.8	0.0278	4.19	0.00103	0.00103	0.00000514	0.00722	0.00123	0.0101	0.0213	0.00000514	17.9	0.0000187	0.000264
2033 Oct	51.8	0.0501	0.00983	0.000985	11.5	0.0287	4.14	0.000985	0.000985	0.00000493	0.00709	0.00117	0.00991	0.02	0.00000493	17	0.0000176	0.000247
2033 Nov	51.7	0.0513	0.00973	0.000985	11.5	0.029	4.16	0.000985	0.000985	0.00000492	0.00711	0.00116	0.00994	0.0199	0.00000492	16.9	0.0000175	0.000246

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Dec	51.7	0.0514	0.00973	0.000985	11.5	0.029	4.16	0.000985	0.000985	0.00000493	0.00711	0.00116	0.00994	0.0199	0.00000493	16.9	0.0000175	0.000246
2034 Jan	51.7	0.0514	0.00973	0.000985	11.5	0.029	4.16	0.000985	0.000985	0.00000493	0.00711	0.00116	0.00994	0.0199	0.00000493	16.9	0.0000175	0.000246
2034 Feb	51.7	0.0514	0.00973	0.000985	11.5	0.029	4.16	0.000985	0.000985	0.00000493	0.00711	0.00116	0.00995	0.0199	0.00000493	16.9	0.0000175	0.000246
2034 Mar	51.8	0.0514	0.00973	0.000986	11.5	0.029	4.16	0.000986	0.000986	0.00000493	0.00712	0.00116	0.00995	0.0199	0.00000493	16.9	0.0000175	0.000246
2034 Apr	51.9	0.0516	0.00977	0.000989	11.6	0.0291	4.17	0.000989	0.000989	0.00000495	0.00714	0.00117	0.00998	0.02	0.00000495	17	0.0000176	0.000247
2034 May	53.7	0.0527	0.0103	0.001	12	0.0293	4.31	0.001	0.001	0.00000501	0.00722	0.0012	0.0101	0.0209	0.00000501	17.7	0.0000179	0.000256
2034 Jun	57.4	0.052	0.0119	0.000983	12.9	0.0268	4.57	0.000983	0.000983	0.00000491	0.00701	0.00126	0.00962	0.0233	0.00000491	19.4	0.0000183	0.000278
2034 Jul	56.8	0.0502	0.0117	0.000996	12.7	0.0271	4.5	0.000996	0.000996	0.00000498	0.00706	0.00126	0.0097	0.0229	0.00000498	19.1	0.0000184	0.000275
2034 Aug	59.6	0.0526	0.0122	0.00105	13.3	0.0287	4.72	0.00105	0.00105	0.00000523	0.0074	0.00132	0.0102	0.024	0.00000523	20.1	0.0000192	0.000288
2034 Sep	58.5	0.0553	0.0117	0.00103	13.1	0.0293	4.7	0.00103	0.00103	0.00000517	0.00739	0.0013	0.0102	0.0234	0.00000517	19.6	0.0000187	0.00028
2034 Oct	56.4	0.0587	0.0108	0.001	12.8	0.0299	4.62	0.001	0.001	0.00000502	0.00729	0.00125	0.0101	0.0223	0.00000502	18.8	0.000018	0.000266
2034 Nov	56.5	0.0592	0.0108	0.00101	12.8	0.0301	4.63	0.00101	0.00101	0.00000503	0.00731	0.00125	0.0101	0.0223	0.00000503	18.8	0.000018	0.000266
2034 Dec	56.5	0.0592	0.0108	0.00101	12.8	0.0301	4.63	0.00101	0.00101	0.00000504	0.00732	0.00125	0.0101	0.0223	0.00000504	18.8	0.000018	0.000266
2035 Jan	56.5	0.0592	0.0108	0.00101	12.8	0.0301	4.63	0.00101	0.00101	0.00000504	0.00732	0.00125	0.0101	0.0223	0.00000504	18.8	0.000018	0.000266
2035 Feb	56.5	0.0592	0.0108	0.00101	12.8	0.0301	4.63	0.00101	0.00101	0.00000504	0.00732	0.00125	0.0101	0.0223	0.00000504	18.8	0.000018	0.000266
2035 Mar	56.5	0.0592	0.0108	0.00101	12.8	0.0301	4.63	0.00101	0.00101	0.00000504	0.00732	0.00125	0.0101	0.0223	0.00000504	18.8	0.000018	0.000266
2035 Apr	56.7	0.0594	0.0109	0.00101	12.9	0.0302	4.65	0.00101	0.00101	0.00000505	0.00734	0.00125	0.0101	0.0224	0.00000505	18.9	0.000018	0.000267
2035 May	57.8	0.0603	0.0111	0.00103	13.1	0.0306	4.74	0.00103	0.00103	0.00000513	0.00745	0.00128	0.0103	0.0228	0.00000513	19.3	0.0000183	0.000273
2035 Jun	55.1	0.0508	0.0111	0.000979	12.2	0.0267	4.36	0.000979	0.000979	0.0000049	0.00708	0.00122	0.00966	0.0219	0.0000049	18.4	0.0000186	0.000268
2035 Jul	54.1	0.048	0.0109	0.000991	11.9	0.0266	4.22	0.000991	0.000991	0.00000495	0.00716	0.0012	0.00975	0.0213	0.00000495	17.9	0.0000189	0.000264
2035 Aug	54.9	0.0488	0.011	0.00101	12.1	0.0278	4.3	0.00101	0.00101	0.00000507	0.00726	0.00123	0.0101	0.0216	0.00000507	18.2	0.0000188	0.000267
2035 Sep	52.8	0.0515	0.0101	0.000984	11.8	0.0287	4.23	0.000984	0.000984	0.00000492	0.00708	0.00118	0.01	0.0204	0.00000492	17.4	0.0000175	0.000252
2035 Oct	52	0.0548	0.00965	0.000974	11.7	0.0294	4.24	0.000974	0.000974	0.00000487	0.00709	0.00116	0.00999	0.02	0.00000487	17.1	0.0000172	0.000246
2035 Nov	51.3	0.0561	0.00936	0.000962	11.6	0.0296	4.21	0.000962	0.000962	0.00000481	0.00705	0.00114	0.00991	0.0196	0.00000481	16.8	0.0000169	0.000241
2035 Dec	51.3	0.0562	0.00936	0.000962	11.6	0.0296	4.21	0.000962	0.000962	0.00000481	0.00705	0.00114	0.00992	0.0196	0.00000481	16.8	0.0000169	0.000241
2036 Jan	51.3	0.0562	0.00936	0.000962	11.6	0.0296	4.21	0.000962	0.000962	0.00000481	0.00705	0.00114	0.00992	0.0196	0.00000481	16.8	0.0000169	0.000241
2036 Feb	51.3	0.0562	0.00936	0.000962	11.6	0.0296	4.21	0.000962	0.000962	0.00000481	0.00705	0.00114	0.00992	0.0196	0.00000481	16.8	0.0000169	0.000241
2036 Mar	51.3	0.0562	0.00936	0.000962	11.6	0.0296	4.21	0.000962	0.000962	0.00000481	0.00705	0.00114	0.00992	0.0196	0.00000481	16.8	0.0000169	0.000241
2036 Apr	51.6	0.0564	0.00942	0.000966	11.7	0.0297	4.24	0.000966	0.000966	0.00000483	0.00708	0.00115	0.00995	0.0198	0.00000483	16.9	0.0000169	0.000243
2036 May	52.6	0.0574	0.00963	0.000981	11.9	0.0301	4.32	0.000981	0.000981	0.0000049	0.00718	0.00117	0.0101	0.0202	0.0000049	17.3	0.0000172	0.000247
2036 Jun	50	0.0493	0.00941	0.000965	11	0.0277	3.96	0.000965	0.000965	0.00000482	0.00707	0.00112	0.00984	0.019	0.00000482	16.2	0.0000178	0.000241
2036 Jul	48.7	0.0452	0.00915	0.000975	10.5	0.0274	3.79	0.000975	0.000975	0.00000487	0.00709	0.0011	0.00986	0.0183	0.00000487	15.6	0.000018	0.000236
2036 Aug	50.5	0.0468	0.00947	0.00101	10.9	0.0287	3.94	0.00101	0.00101	0.00000507	0.00735	0.00115	0.0103	0.019	0.00000507	16.2	0.0000186	0.000244
2036 Sep	50.4	0.048	0.00933	0.00101	11	0.0293	3.96	0.00101	0.00101	0.00000507	0.00734	0.00115	0.0103	0.0189	0.00000507	16.2	0.0000183	0.000242
2036 Oct	49.7	0.0511	0.00894	0.000998	10.9	0.0298	3.97	0.000998	0.000998	0.00000499	0.0073	0.00113	0.0103	0.0185	0.00000499	15.9	0.0000178	0.000236
2036 Nov	49.6	0.0517	0.00885	0.000994	10.9	0.0299	3.97	0.000994	0.000994	0.00000497	0.00729	0.00112	0.0102	0.0184	0.00000497	15.9	0.0000177	0.000235
2036 Dec	49.5	0.0519	0.00882	0.000993	10.9	0.0299	3.97	0.000993	0.000993	0.00000496	0.00729	0.00112	0.0102	0.0184	0.00000496	15.8	0.0000177	0.000234
2037 Jan	49.5	0.0519	0.00882	0.000993	10.9	0.0299	3.97	0.000993	0.000993	0.00000496	0.00729	0.00112	0.0102	0.0184	0.00000496	15.8	0.0000177	0.000234
2037 Feb	49.5	0.0519	0.00882	0.000993	10.9	0.0299	3.97	0.000993	0.000993	0.00000496	0.00729	0.00112	0.0102	0.0184	0.00000496	15.8	0.0000177	0.000234
2037 Mar	49.5	0.052	0.00883	0.000994	10.9	0.0299	3.98	0.000994	0.000994	0.00000497	0.00729	0.00112	0.0102	0.0184	0.00000497	15.9	0.0000177	0.000235
2037 Apr	49.7	0.0521	0.00885	0.000996	11	0.03	3.99	0.000996	0.000996	0.00000498	0.00731	0.00112	0.0103	0.0185	0.00000498	15.9	0.0000177	0.000235
2037 May	53.5	0.0538	0.0102	0.000999	11.9	0.0291	4.3	0.000999	0.000999	0.00000499	0.00727	0.00119	0.0101	0.0207	0.00000499	17.6	0.0000181	0.000256
2037 Jun	55.4	0.0513	0.0113	0.000955	12.4	0.0261	4.41	0.000955	0.000955	0.00000477	0.00687	0.00121	0.00943	0.0223	0.00000477	18.7	0.000018	0.000269
2037 Jul	56.5	0.0515	0.0115	0.000987	12.6	0.0269	4.47	0.000987	0.000987	0.00000494	0.00709	0.00124	0.00973	0.0226	0.00000494	19	0.0000185	0.000274
2037 Aug	58	0.0528	0.0118	0.00102	13	0.028	4.61	0.00102	0.00102	0.0000051	0.00729	0.00128	0.0101	0.0233	0.0000051	19.5	0.0000189	0.000281
2037 Sep	58.8	0.0544	0.0119	0.00104	13.2	0.0288	4.68	0.00104	0.00104	0.00000518	0.00741	0.0013	0.0103	0.0235	0.00000518	19.7	0.0000191	0.000284
2037 Oct	57.7	0.0566	0.0114	0.00102	13	0.0292	4.65	0.00102	0.00102	0.00000511	0.00738	0.00127	0.0102	0.0229	0.00000511	19.3	0.0000187	0.000277
2037 Nov	57.7	0.0571	0.0113	0.00102	13	0.0294	4.66	0.00102	0.00102	0.00000511	0.00739	0.00127	0.0102	0.0229	0.00000511	19.3	0.0000186	0.000276
2037 Dec	57.7	0.0571	0.0113	0.00102	13	0.0294	4.66	0.00102	0.00102	0.00000511	0.0074	0.00127	0.0102	0.0229	0.00000511	19.3	0.0000187	0.000276
2038 Jan	57.7	0.0571	0.0113	0.00102	13	0.0294	4.66	0.00102	0.00102	0.00000511	0.0074	0.00127	0.0102	0.0229	0.00000511	19.3	0.0000187	0.000276
2038 Feb	57.7	0.0571	0.0113	0.00102	13	0.0294	4.66	0.00102	0.00102	0.00000511	0.0074	0.00127	0.0102	0.0229	0.00000511	19.3	0.0000187	0.000276
2038 Mar	57.7	0.0571	0.0113	0.00102	13	0.0294	4.66	0.00102	0.00102	0.00000511	0.0074	0.00127	0.0102	0.0229	0.00000511	19.3	0.0000187	0.000276
2038 Apr	57.9	0.0573	0.0114	0.00102	13	0.0295	4.67	0.00102	0.00102	0.00000512	0.00741	0.00128	0.0103	0.0229	0.00000512	19.3	0.0000187	0.000277
2038 May	59.5	0.0582	0.0119	0.00103	13.4	0.0294	4.8	0.00103	0.00103	0.00000517	0.00746	0.00131	0.0103	0.0238	0.00000517	20	0.000019	0.000286
2038 Jun	61.5	0.0561	0.013	0.001	13.9	0.0268	4.92	0.001	0.001	0.000005	0.00714	0.00133	0.00972	0.0253	0.000005	21.1	0.000019	0.000299
2038 Jul	64	0.0577	0.0135	0.00105	14.4	0.028	5.1	0.00105	0.00105	0.00000525	0.0075	0.00139	0.0102	0.0263	0.00000525	21.9	0.00002	0.000312
2038 Aug	66.1	0.0597	0.0139	0.00109	14.9	0.0295	5.28	0.00109	0.00109	0.00000547	0.00777	0.00144	0.0107	0.0271	0.00000547	22.6	0.0000205	0.000322
2038 Sep	66	0.061	0.0137	0.0011	15	0.0301	5.3	0.0011	0.0011	0.00000548	0.00781	0.00144	0.0108	0.027	0.00000548	22.5	0.0000203	0.00032
2038 Oct	65.3	0.0624	0.0134	0.00109	14.8	0.0305	5.27	0.00109	0.00109	0.00000545	0.00781	0.00142	0.0108	0.0266	0.00000545	22.2	0.0000201	0.000315
2038 Nov	65.4	0.0627	0.0134	0.00109	14.9	0.0306	5.28	0.00109	0.00109	0.00000546	0.00782	0.00142	0.0108	0.0266	0.00000546	22.2	0.0000201	0.000315
2038 Dec	65.4	0.0627	0.0134	0.00109	14.9	0.0306	5.28	0.00109	0.00109	0.00000546	0.00782	0.00142	0.0108	0.0266	0.00000546	22.2	0.0000201	0.000315
2039 Jan	65.4	0.0627	0.0134	0.00109	14.9	0.0306	5.28	0.00109	0.00109	0.00000546	0.00782	0.00142	0.0108	0.0266	0.00000546	22.2	0.0000201	0.000315
2039 Feb	65.4	0.0627	0.0134	0.00109	14.9	0.0306	5.28	0.00109	0.00109	0.00000546	0.00782	0.00142	0.0108	0.0266	0.00000546	22.2	0.0000201	0.000315
2039 Mar	65.4	0.0628	0.0134	0.00109	14.9	0.0306	5.29	0.00109	0.00109	0.00000546	0.00783	0.00143	0.0108	0.0266	0.00000546	22.3	0.0000201	0.000315
2039 Apr	65.6	0.0629	0.0134	0.00109	14.9	0.0307	5.3	0.00109	0.00109	0.00000547	0.00785	0.00143	0.0108	0.0267	0.00000547	22.3	0.0000202	0.000316
2039 May	66.4	0.0636	0.0136	0.00111	15.1	0.031	5.36	0.00111	0.00111	0.00000554	0.00794	0.00145	0.011	0.027	0.00000554	22.6	0.0000204	0.00032
2039 Jun	58.6	0.0543	0.0189	0.00118	13.1	0.0281	4.67	0.00105	0.00105	0.00000526	0.00754	0.00127	0.0109	0.0226	0.00000527	19	0.0000201	0.000285
2039 Jul	53.7	0.0493	0.0237	0.00125	12	0.0272	4.33	0.00101	0.00101	0.00000506	0.00711	0.00117	0.0108	0.02	0.00000509	16.8	0.0000189	0.000257

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Aug	53.5	0.0491	0.0258	0.00131	12.1	0.0289	4.4	0.00103	0.00103	0.00000515	0.00703	0.00118	0.011	0.0198	0.00000518	16.6	0.000018	0.00025
2039 Sep	54.3	0.0507	0.0259	0.00133	12.3	0.0296	4.48	0.00105	0.00105	0.00000523	0.00716	0.0012	0.0112	0.0201	0.00000526	16.8	0.0000182	0.000253
2039 Oct	54.2	0.052	0.0259	0.00133	12.3	0.0299	4.5	0.00104	0.00104	0.00000522	0.00717	0.00119	0.0112	0.02	0.00000525	16.8	0.0000182	0.000252
2039 Nov	54.4	0.0522	0.026	0.00133	12.3	0.0299	4.51	0.00105	0.00105	0.00000523	0.00719	0.0012	0.0112	0.02	0.00000526	16.8	0.0000182	0.000252
2039 Dec	54.4	0.0522	0.0261	0.00133	12.3	0.03	4.51	0.00105	0.00105	0.00000523	0.00719	0.0012	0.0112	0.02	0.00000526	16.8	0.0000182	0.000253
2040 Jan	54.4	0.0522	0.0261	0.00133	12.3	0.03	4.51	0.00105	0.00105	0.00000523	0.00719	0.0012	0.0112	0.02	0.00000526	16.8	0.0000182	0.000253
2040 Feb	54.4	0.0523	0.0261	0.00133	12.3	0.03	4.51	0.00105	0.00105	0.00000523	0.00719	0.0012	0.0112	0.02	0.00000526	16.8	0.0000182	0.000253
2040 Mar	54.4	0.0523	0.0261	0.00133	12.4	0.03	4.52	0.00105	0.00105	0.00000524	0.00719	0.0012	0.0112	0.02	0.00000527	16.8	0.0000182	0.000253
2040 Apr	54.5	0.0524	0.0261	0.00134	12.4	0.03	4.53	0.00105	0.00105	0.00000525	0.00721	0.0012	0.0113	0.0201	0.00000528	16.9	0.0000182	0.000253
2040 May	55.9	0.0534	0.0265	0.00135	12.7	0.0302	4.63	0.00106	0.00106	0.0000053	0.00728	0.00123	0.0113	0.0207	0.00000533	17.4	0.0000185	0.00026
2040 Jun	58.1	0.0535	0.029	0.00132	13.3	0.0269	4.8	0.00101	0.00101	0.00000505	0.00692	0.00124	0.0108	0.0223	0.00000508	18.5	0.0000186	0.000276
2040 Jul	58.6	0.0538	0.0306	0.00137	13.4	0.0275	4.85	0.00103	0.00103	0.00000517	0.00707	0.00125	0.0111	0.0223	0.0000052	18.5	0.000019	0.000278
2040 Aug	59.7	0.0545	0.0307	0.0014	13.6	0.0285	4.94	0.00106	0.00106	0.0000053	0.00721	0.00128	0.0114	0.0227	0.00000533	18.9	0.0000192	0.000282
2040 Sep	59.8	0.0552	0.0303	0.0014	13.7	0.0292	4.96	0.00107	0.00107	0.00000533	0.00725	0.00128	0.0115	0.0227	0.00000537	18.9	0.000019	0.000282
2040 Oct	59.9	0.0565	0.03	0.0014	13.7	0.0296	4.99	0.00107	0.00107	0.00000535	0.0073	0.00129	0.0116	0.0227	0.00000538	18.9	0.0000191	0.000282
2040 Nov	60	0.0567	0.03	0.0014	13.8	0.0297	5	0.00107	0.00107	0.00000536	0.00732	0.00129	0.0116	0.0227	0.00000539	19	0.0000191	0.000282
2040 Dec	60	0.0567	0.03	0.0014	13.8	0.0297	5	0.00107	0.00107	0.00000536	0.00732	0.00129	0.0116	0.0227	0.0000054	19	0.0000191	0.000282
2041 Jan	60	0.0567	0.03	0.0014	13.8	0.0297	5	0.00107	0.00107	0.00000536	0.00732	0.00129	0.0116	0.0227	0.0000054	19	0.0000191	0.000282
2041 Feb	60	0.0567	0.03	0.0014	13.8	0.0297	5	0.00107	0.00107	0.00000536	0.00732	0.00129	0.0116	0.0227	0.0000054	19	0.0000191	0.000282
2041 Mar	60.1	0.0567	0.03	0.0014	13.8	0.0297	5	0.00107	0.00107	0.00000537	0.00733	0.00129	0.0116	0.0228	0.0000054	19	0.0000191	0.000282
2041 Apr	60.2	0.0568	0.0301	0.0014	13.8	0.0298	5.01	0.00107	0.00107	0.00000538	0.00734	0.00129	0.0116	0.0228	0.00000541	19	0.0000191	0.000283
2041 May	60.8	0.0575	0.0306	0.00142	14	0.03	5.07	0.00108	0.00108	0.00000541	0.00739	0.00131	0.0117	0.0231	0.00000545	19.2	0.0000193	0.000286
2041 Jun	55.2	0.05	0.0306	0.0014	12.4	0.0274	4.5	0.00104	0.00104	0.0000052	0.00718	0.00118	0.0115	0.0201	0.00000523	16.9	0.0000194	0.000263
2041 Jul	50.7	0.046	0.0334	0.00142	11.3	0.026	4.17	0.000993	0.000993	0.00000497	0.00685	0.00108	0.0113	0.0178	0.00000502	14.9	0.0000187	0.000242
2041 Aug	52.4	0.0474	0.0341	0.00146	11.7	0.0273	4.31	0.00103	0.00103	0.00000516	0.00708	0.00113	0.0117	0.0184	0.00000521	15.5	0.0000191	0.000249
2041 Sep	52.9	0.0486	0.0339	0.00147	11.9	0.028	4.37	0.00104	0.00104	0.00000522	0.00715	0.00114	0.0119	0.0185	0.00000526	15.6	0.0000191	0.000251
2041 Oct	53	0.0508	0.0345	0.00148	11.9	0.0284	4.42	0.00104	0.00104	0.00000521	0.00717	0.00113	0.0119	0.0185	0.00000525	15.6	0.000019	0.000249
2041 Nov	53.2	0.0517	0.0353	0.0015	12	0.0286	4.46	0.00104	0.00104	0.00000522	0.00719	0.00114	0.012	0.0185	0.00000527	15.6	0.000019	0.00025
2041 Dec	53.3	0.0518	0.0355	0.0015	12	0.0286	4.46	0.00104	0.00104	0.00000522	0.00719	0.00114	0.012	0.0185	0.00000527	15.6	0.000019	0.00025
2042 Jan	53.3	0.0518	0.0355	0.0015	12.1	0.0286	4.47	0.00104	0.00104	0.00000522	0.00719	0.00114	0.0121	0.0185	0.00000527	15.6	0.000019	0.00025
2042 Feb	53.3	0.0518	0.0355	0.0015	12.1	0.0286	4.47	0.00104	0.00104	0.00000522	0.00719	0.00114	0.0121	0.0185	0.00000527	15.6	0.000019	0.00025
2042 Mar	53.3	0.0518	0.0355	0.0015	12.1	0.0286	4.47	0.00104	0.00104	0.00000522	0.00719	0.00114	0.0121	0.0185	0.00000527	15.6	0.000019	0.00025
2042 Apr	53.5	0.052	0.0356	0.00151	12.1	0.0288	4.49	0.00105	0.00105	0.00000525	0.00722	0.00114	0.0121	0.0186	0.00000529	15.7	0.0000191	0.000252
2042 May	54.6	0.0529	0.0361	0.00153	12.3	0.0292	4.57	0.00106	0.00106	0.00000533	0.00733	0.00116	0.0123	0.019	0.00000538	16.1	0.0000194	0.000256
2042 Jun	51.5	0.0477	0.0344	0.00148	11.4	0.0273	4.23	0.00103	0.00103	0.00000518	0.00719	0.0011	0.0119	0.0177	0.00000523	14.9	0.0000195	0.000246
2042 Jul	49.6	0.0448	0.0345	0.00148	10.9	0.027	4.07	0.00102	0.00102	0.00000512	0.00707	0.00107	0.0118	0.0167	0.00000517	14.2	0.0000192	0.000236
2042 Aug	49.1	0.0468	0.0369	0.00151	11.1	0.0283	4.16	0.00101	0.00101	0.00000505	0.00682	0.00106	0.0121	0.0163	0.00000511	13.9	0.0000177	0.000229
2042 Sep	49.2	0.0501	0.0384	0.00154	11.3	0.0294	4.26	0.001	0.001	0.00000502	0.00674	0.00105	0.0123	0.0162	0.00000508	13.8	0.0000169	0.000227
2042 Oct	49.4	0.0539	0.0403	0.00157	11.5	0.0299	4.37	0.000996	0.000996	0.00000499	0.00673	0.00104	0.0125	0.0161	0.00000505	13.8	0.0000167	0.000225
2042 Nov	49.6	0.0546	0.0413	0.00159	11.6	0.03	4.41	0.000999	0.000999	0.000005	0.00675	0.00105	0.0126	0.0161	0.00000506	13.8	0.0000167	0.000226
2042 Dec	49.6	0.0547	0.0414	0.00159	11.6	0.03	4.41	0.000999	0.000999	0.000005	0.00675	0.00105	0.0126	0.0161	0.00000507	13.8	0.0000167	0.000226
2043 Jan	49.6	0.0547	0.0414	0.00159	11.6	0.03	4.41	0.000999	0.000999	0.000005	0.00675	0.00105	0.0126	0.0161	0.00000507	13.8	0.0000167	0.000226
2043 Feb	49.6	0.0547	0.0414	0.00159	11.6	0.03	4.41	0.000999	0.000999	0.000005	0.00675	0.00105	0.0126	0.0161	0.00000507	13.8	0.0000167	0.000226
2043 Mar	49.7	0.0547	0.0414	0.00159	11.6	0.03	4.42	0.000999	0.000999	0.000005	0.00675	0.00105	0.0126	0.0161	0.00000507	13.8	0.0000167	0.000226
2043 Apr	49.9	0.0549	0.0416	0.0016	11.6	0.0302	4.43	0.001	0.001	0.00000502	0.00678	0.00105	0.0126	0.0162	0.00000509	13.9	0.0000168	0.000227
2043 May	51.3	0.056	0.0419	0.00161	12	0.0305	4.55	0.00102	0.00102	0.0000051	0.00688	0.00108	0.0128	0.0168	0.00000517	14.4	0.0000171	0.000234
2043 Jun	55	0.056	0.0404	0.00153	12.8	0.0278	4.78	0.000992	0.000992	0.00000497	0.00672	0.00114	0.012	0.0195	0.00000503	16.4	0.0000177	0.000258
2043 Jul	56.5	0.0569	0.0417	0.00159	13.1	0.0288	4.9	0.00103	0.00103	0.00000517	0.00698	0.00118	0.0125	0.0199	0.00000523	16.7	0.0000184	0.000264
2043 Aug	58.3	0.0586	0.0425	0.00163	13.5	0.0302	5.06	0.00107	0.00107	0.00000536	0.00721	0.00122	0.013	0.0206	0.00000542	17.3	0.0000188	0.000273
2043 Sep	58.3	0.0593	0.0417	0.00163	13.6	0.0308	5.07	0.00107	0.00107	0.00000538	0.00724	0.00122	0.013	0.0206	0.00000544	17.3	0.0000186	0.000272
2043 Oct	58	0.0625	0.0416	0.00162	13.6	0.0314	5.11	0.00107	0.00107	0.00000534	0.00726	0.00121	0.0131	0.0203	0.0000054	17.2	0.0000184	0.000268
2043 Nov	57.8	0.0651	0.0421	0.00163	13.6	0.0319	5.15	0.00106	0.00106	0.00000531	0.00726	0.0012	0.0131	0.0201	0.00000537	17.1	0.0000182	0.000265
2043 Dec	57.8	0.0652	0.0421	0.00163	13.6	0.0319	5.16	0.00106	0.00106	0.00000531	0.00726	0.0012	0.0131	0.0201	0.00000537	17.1	0.0000182	0.000265
2044 Jan	57.8	0.0652	0.0422	0.00163	13.6	0.0319	5.16	0.00106	0.00106	0.00000531	0.00726	0.0012	0.0131	0.0201	0.00000537	17.1	0.0000182	0.000265
2044 Feb	57.9	0.0652	0.0422	0.00163	13.6	0.0319	5.16	0.00106	0.00106	0.00000531	0.00727	0.0012	0.0131	0.0201	0.00000538	17.1	0.0000182	0.000265
2044 Mar	57.9	0.0653	0.0422	0.00163	13.7	0.0319	5.16	0.00106	0.00106	0.00000532	0.00727	0.0012	0.0131	0.0201	0.00000538	17.1	0.0000182	0.000266
2044 Apr	58	0.0654	0.0423	0.00163	13.7	0.032	5.17	0.00106	0.00106	0.00000533	0.00729	0.00121	0.0132	0.0202	0.00000539	17.1	0.0000182	0.000266
2044 May	58.8	0.0662	0.0428	0.00165	13.9	0.0324	5.24	0.00108	0.00108	0.00000539	0.00738	0.00122	0.0133	0.0204	0.00000546	17.4	0.0000185	0.00027
2044 Jun	54	0.0573	0.0409	0.00157	12.5	0.0286	4.72	0.00101	0.00101	0.00000507	0.00701	0.00112	0.0125	0.0185	0.00000513	15.7	0.0000185	0.000253
2044 Jul	54.2	0.0573	0.0433	0.00163	12.4	0.0288	4.74	0.00103	0.00103	0.00000517	0.00716	0.00112	0.0129	0.0183	0.00000524	15.5	0.0000191	0.000255
2044 Aug	56.9	0.06	0.0451	0.00171	13.1	0.0305	4.98	0.00109	0.00109	0.00000544	0.00751	0.00118	0.0136	0.0192	0.00000551	16.3	0.0000199	0.000267
2044 Sep	55.6	0.06	0.0421	0.00164	12.8	0.031	4.88	0.00107	0.00107	0.00000535	0.00737	0.00116	0.0134	0.0187	0.00000542	16	0.0000189	0.00026
2044 Oct	55.2	0.0619	0.0408	0.00162	12.8	0.0314	4.88	0.00106	0.00106	0.00000531	0.00737	0.00115	0.0133	0.0186	0.00000537	15.9	0.0000187	0.000256
2044 Nov	55.3	0.0626	0.0409	0.00162	12.8	0.0315	4.9	0.00106	0.00106	0.00000531	0.00739	0.00115	0.0133	0.0186	0.00000537	15.9	0.0000187	0.000256
2044 Dec	55.3	0.0626	0.041	0.00162	12.8	0.0316	4.9	0.00106	0.00106	0.00000531	0.00739	0.00115	0.0133	0.0186	0.00000538	15.9	0.0000187	0.000256
2045 Jan	55.3	0.0626	0.041	0.00162	12.8	0.0316	4.9	0.00106	0.00106	0.00000531	0.00739	0.00115	0.0133	0.0186	0.00000538	15.9	0.0000187	0.000256
2045 Feb	55.3	0.0626	0.041	0.00162	12.8	0.0316	4.9	0.00106	0.00106	0.00000531	0.00739	0.00115	0.0133	0.0186	0.00000538	15.9	0.0000187	0.000256
2045 Mar	55.3	0.0627	0.041	0.00162	12.9	0.0316	4.9	0.00106	0.00106	0.00000532	0.00739	0.00116	0.0133	0.0186	0.00000538	15.9	0.0000187	0.000256

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Apr	55.4	0.0628	0.0411	0.00162	12.9	0.0316	4.91	0.00106	0.00106	0.00000533	0.00741	0.00116	0.0133	0.0186	0.00000539	16	0.0000187	0.000257
2045 May	56.1	0.0635	0.0415	0.00164	13	0.032	4.97	0.00108	0.00108	0.00000539	0.00749	0.00117	0.0135	0.0189	0.00000545	16.2	0.0000189	0.00026
2045 Jun	52.9	0.059	0.0443	0.00167	12.1	0.0298	4.69	0.00104	0.00104	0.00000521	0.00729	0.00109	0.0134	0.0171	0.00000529	14.7	0.0000191	0.000248
2045 Jul	52.3	0.0568	0.0451	0.00169	11.9	0.0295	4.61	0.00105	0.00105	0.00000527	0.00737	0.00108	0.0136	0.0167	0.00000534	14.3	0.0000196	0.000246
2045 Aug	53.7	0.0581	0.0457	0.00173	12.2	0.0307	4.74	0.00108	0.00108	0.00000543	0.00756	0.00112	0.014	0.0172	0.0000055	14.7	0.0000199	0.000252
2045 Sep	53.8	0.0589	0.0448	0.00172	12.3	0.0313	4.76	0.00109	0.00109	0.00000545	0.00758	0.00112	0.014	0.0172	0.00000552	14.8	0.0000197	0.000252
2045 Oct	54.1	0.0596	0.0448	0.00173	12.3	0.0315	4.78	0.00109	0.00109	0.00000547	0.00763	0.00113	0.0141	0.0173	0.00000555	14.9	0.0000198	0.000253
2045 Nov	54.2	0.0597	0.0449	0.00173	12.3	0.0316	4.79	0.00109	0.00109	0.00000548	0.00765	0.00113	0.0141	0.0174	0.00000556	14.9	0.0000198	0.000254
2045 Dec	54.2	0.0597	0.0449	0.00173	12.4	0.0316	4.8	0.0011	0.0011	0.00000548	0.00765	0.00113	0.0141	0.0174	0.00000556	14.9	0.0000199	0.000254
2046 Jan	54.2	0.0597	0.0449	0.00173	12.4	0.0316	4.8	0.0011	0.0011	0.00000548	0.00765	0.00113	0.0141	0.0174	0.00000556	15	0.0000199	0.000254
2046 Feb	54.2	0.0597	0.0449	0.00173	12.4	0.0316	4.8	0.0011	0.0011	0.00000549	0.00765	0.00113	0.0141	0.0174	0.00000556	15	0.0000199	0.000254
2046 Mar	54.3	0.0598	0.045	0.00173	12.4	0.0316	4.8	0.0011	0.0011	0.00000549	0.00766	0.00113	0.0141	0.0174	0.00000556	15	0.0000199	0.000254
2046 Apr	54.5	0.06	0.0451	0.00174	12.4	0.0318	4.82	0.0011	0.0011	0.00000551	0.00769	0.00114	0.0142	0.0175	0.00000559	15	0.00002	0.000255
2046 May	55.3	0.0608	0.0456	0.00176	12.6	0.0321	4.89	0.00111	0.00111	0.00000558	0.00778	0.00115	0.0143	0.0177	0.00000565	15.3	0.0000202	0.000259
2046 Jun	51	0.0528	0.0426	0.00165	11.3	0.0289	4.42	0.00105	0.00105	0.00000527	0.00741	0.00107	0.0135	0.0161	0.00000534	13.9	0.00002	0.000243
2046 Jul	48.1	0.0485	0.0428	0.00163	10.6	0.0274	4.17	0.00102	0.00102	0.00000509	0.00714	0.00101	0.0131	0.0149	0.00000517	12.8	0.0000195	0.00023
2046 Aug	49.4	0.0497	0.0433	0.00167	10.9	0.0286	4.29	0.00105	0.00105	0.00000525	0.00733	0.00104	0.0135	0.0153	0.00000532	13.2	0.0000198	0.000236
2046 Sep	49.2	0.052	0.0432	0.00166	11	0.0293	4.34	0.00104	0.00104	0.00000519	0.00722	0.00103	0.0135	0.0152	0.00000526	13.2	0.000019	0.000233
2046 Oct	49.5	0.0569	0.0455	0.00169	11.3	0.03	4.5	0.00102	0.00102	0.00000513	0.00718	0.00103	0.0137	0.0152	0.00000521	13.1	0.0000186	0.000231
2046 Nov	49.6	0.0578	0.0461	0.0017	11.3	0.0301	4.53	0.00102	0.00102	0.00000513	0.00719	0.00103	0.0138	0.0152	0.00000521	13.2	0.0000186	0.000231
2046 Dec	49.7	0.0579	0.0462	0.0017	11.3	0.0301	4.54	0.00102	0.00102	0.00000513	0.00719	0.00103	0.0138	0.0152	0.00000521	13.2	0.0000186	0.000231
2047 Jan	49.7	0.0579	0.0462	0.0017	11.3	0.0301	4.54	0.00102	0.00102	0.00000513	0.00719	0.00103	0.0138	0.0152	0.00000521	13.2	0.0000186	0.000231
2047 Feb	49.7	0.0579	0.0462	0.0017	11.3	0.0301	4.54	0.00102	0.00102	0.00000513	0.00719	0.00103	0.0138	0.0152	0.00000521	13.2	0.0000186	0.000231
2047 Mar	49.8	0.058	0.0462	0.0017	11.4	0.0302	4.55	0.00103	0.00103	0.00000514	0.00721	0.00103	0.0138	0.0152	0.00000522	13.2	0.0000186	0.000231
2047 Apr	49.9	0.0581	0.0463	0.00171	11.4	0.0302	4.56	0.00103	0.00103	0.00000515	0.00722	0.00103	0.0138	0.0152	0.00000523	13.2	0.0000187	0.000232
2047 May	51.5	0.0594	0.047	0.00172	11.8	0.0302	4.7	0.00103	0.00103	0.00000518	0.00724	0.00106	0.0139	0.0161	0.00000526	13.9	0.0000189	0.00024
2047 Jun	56.5	0.062	0.0486	0.00167	13.1	0.0277	5.14	0.000996	0.000996	0.00000499	0.00692	0.00114	0.0132	0.0194	0.00000507	16.3	0.0000189	0.000267
2047 Jul	58.2	0.0629	0.0493	0.00172	13.5	0.0287	5.26	0.00104	0.00104	0.0000052	0.00722	0.00118	0.0137	0.0199	0.00000529	16.8	0.0000197	0.000275
2047 Aug	60.2	0.0649	0.0505	0.00178	13.9	0.0301	5.44	0.00108	0.00108	0.0000054	0.00747	0.00122	0.0142	0.0206	0.00000549	17.4	0.0000202	0.000284
2047 Sep	59.4	0.0654	0.0484	0.00174	13.8	0.0306	5.39	0.00107	0.00107	0.00000536	0.00742	0.00121	0.0141	0.0203	0.00000545	17.2	0.0000196	0.000279
2047 Oct	58.8	0.0686	0.0491	0.00174	13.8	0.0311	5.43	0.00106	0.00106	0.00000529	0.00737	0.00119	0.0141	0.0199	0.00000537	16.9	0.0000192	0.000274
2047 Nov	58.9	0.0697	0.0498	0.00175	13.8	0.0313	5.47	0.00105	0.00105	0.00000528	0.00737	0.00119	0.0142	0.0199	0.00000537	16.9	0.0000191	0.000273
2047 Dec	58.9	0.0697	0.0499	0.00175	13.9	0.0313	5.47	0.00105	0.00105	0.00000528	0.00737	0.00119	0.0142	0.0199	0.00000537	16.9	0.0000192	0.000274
2048 Jan	58.9	0.0697	0.0499	0.00175	13.9	0.0313	5.47	0.00105	0.00105	0.00000528	0.00737	0.00119	0.0142	0.0199	0.00000537	16.9	0.0000192	0.000274
2048 Feb	58.9	0.0698	0.0499	0.00175	13.9	0.0313	5.47	0.00105	0.00105	0.00000528	0.00737	0.00119	0.0142	0.0199	0.00000537	16.9	0.0000192	0.000274
2048 Mar	58.9	0.0698	0.0499	0.00176	13.9	0.0313	5.47	0.00105	0.00105	0.00000528	0.00737	0.00119	0.0142	0.0199	0.00000537	16.9	0.0000192	0.000274
2048 Apr	59.1	0.07	0.05	0.00176	13.9	0.0314	5.49	0.00106	0.00106	0.0000053	0.0074	0.0012	0.0142	0.0199	0.00000539	16.9	0.0000192	0.000275
2048 May	59.9	0.0709	0.0507	0.00178	14.1	0.0318	5.56	0.00107	0.00107	0.00000537	0.00749	0.00121	0.0144	0.0202	0.00000546	17.2	0.0000195	0.000278
2048 Jun	54.3	0.0608	0.047	0.00169	12.4	0.0289	4.94	0.00102	0.00102	0.00000513	0.00722	0.00111	0.0137	0.0178	0.00000521	15.2	0.0000194	0.000257
2048 Jul	51.1	0.0547	0.046	0.00166	11.5	0.0276	4.61	0.001	0.001	0.00000503	0.00708	0.00105	0.0134	0.0163	0.00000512	13.9	0.0000194	0.000243
2048 Aug	51.6	0.0548	0.0451	0.00166	11.6	0.0289	4.66	0.00102	0.00102	0.00000513	0.00713	0.00107	0.0136	0.0166	0.00000521	14.1	0.000019	0.000244
2048 Sep	51.9	0.0571	0.0466	0.00169	11.8	0.0297	4.76	0.00102	0.00102	0.00000513	0.00711	0.00107	0.0139	0.0165	0.00000522	14.2	0.0000186	0.000244
2048 Oct	52.1	0.0605	0.0484	0.00172	12	0.0301	4.87	0.00102	0.00102	0.00000509	0.00709	0.00107	0.014	0.0165	0.00000519	14.1	0.0000184	0.000243
2048 Nov	52.3	0.0619	0.0491	0.00173	12.1	0.0304	4.93	0.00102	0.00102	0.0000051	0.00711	0.00107	0.0141	0.0165	0.00000519	14.2	0.0000184	0.000243
2048 Dec	52.3	0.0619	0.0492	0.00174	12.1	0.0304	4.93	0.00102	0.00102	0.0000051	0.00711	0.00107	0.0141	0.0165	0.00000519	14.2	0.0000184	0.000243
2049 Jan	52.3	0.0619	0.0492	0.00174	12.1	0.0304	4.93	0.00102	0.00102	0.0000051	0.00711	0.00107	0.0141	0.0165	0.00000519	14.2	0.0000184	0.000243
2049 Feb	52.3	0.0619	0.0492	0.00174	12.1	0.0304	4.93	0.00102	0.00102	0.0000051	0.00711	0.00107	0.0141	0.0165	0.00000519	14.2	0.0000184	0.000243
2049 Mar	52.4	0.062	0.0493	0.00174	12.1	0.0304	4.93	0.00102	0.00102	0.0000051	0.00711	0.00107	0.0141	0.0165	0.0000052	14.2	0.0000184	0.000243
2049 Apr	52.5	0.0622	0.0494	0.00174	12.2	0.0305	4.95	0.00102	0.00102	0.00000512	0.00714	0.00107	0.0142	0.0165	0.00000521	14.2	0.0000185	0.000244
2049 May	53.3	0.063	0.05	0.00176	12.3	0.0309	5.02	0.00103	0.00103	0.00000518	0.00722	0.00109	0.0144	0.0168	0.00000528	14.4	0.0000187	0.000247
2049 Jun	49.3	0.0541	0.0459	0.00165	11.1	0.0278	4.51	0.000988	0.000988	0.00000495	0.00697	0.00101	0.0135	0.0154	0.00000504	13.2	0.0000188	0.000234
2049 Jul	48.3	0.0517	0.0464	0.00167	10.8	0.0274	4.42	0.000988	0.000988	0.00000495	0.00696	0.000997	0.0136	0.0148	0.00000504	12.7	0.000019	0.00023
2049 Aug	50.5	0.0539	0.0481	0.00174	11.3	0.0289	4.62	0.00104	0.00104	0.00000519	0.00727	0.00105	0.0142	0.0155	0.00000528	13.3	0.0000197	0.00024
2049 Sep	50.3	0.0555	0.0463	0.0017	11.3	0.0295	4.62	0.00103	0.00103	0.00000516	0.00724	0.00104	0.0141	0.0155	0.00000525	13.4	0.0000192	0.000238
2049 Oct	50.4	0.0595	0.0474	0.00171	11.5	0.0301	4.73	0.00102	0.00102	0.0000051	0.00721	0.00104	0.0142	0.0154	0.0000052	13.3	0.0000188	0.000235
2049 Nov	50.7	0.0609	0.0487	0.00174	11.6	0.0303	4.8	0.00102	0.00102	0.0000051	0.00722	0.00104	0.0143	0.0154	0.0000052	13.4	0.0000188	0.000236
2049 Dec	50.7	0.0611	0.0489	0.00174	11.6	0.0304	4.81	0.00102	0.00102	0.00000511	0.00722	0.00104	0.0143	0.0154	0.0000052	13.4	0.0000188	0.000236
2050 Jan	50.7	0.0611	0.049	0.00174	11.6	0.0304	4.81	0.00102	0.00102	0.00000511	0.00722	0.00104	0.0143	0.0154	0.0000052	13.4	0.0000188	0.000236
2050 Feb	50.7	0.0611	0.049	0.00174	11.6	0.0304	4.81	0.00102	0.00102	0.00000511	0.00722	0.00104	0.0143	0.0154	0.0000052	13.4	0.0000188	0.000236
2050 Mar	50.7	0.0611	0.049	0.00174	11.6	0.0304	4.81	0.00102	0.00102	0.00000511	0.00722	0.00104	0.0143	0.0155	0.00000521	13.4	0.0000188	0.000236
2050 Apr	50.8	0.0612	0.0491	0.00175	11.6	0.0304	4.82	0.00102	0.00102	0.00000512	0.00724	0.00104	0.0144	0.0155	0.00000522	13.4	0.0000189	0.000237
2050 May	51.5	0.0619	0.0496	0.00176	11.8	0.0308	4.88	0.00103	0.00103	0.00000518	0.00732	0.00105	0.0145	0.0157	0.00000527	13.6	0.0000191	0.000239
2050 Jun	49.9	0.0555	0.0458	0.00166	11.2	0.0282	4.59	0.001	0.001	0.00000502	0.00712	0.00103	0.0137	0.0155	0.00000511	13.3	0.0000192	0.000237
2050 Jul	47.9	0.0517	0.0454	0.00164	10.6	0.0275	4.42	0.000981	0.000981	0.00000492	0.00692	0.000993	0.0135	0.0147	0.00000501	12.6	0.0000188	0.000227
2050 Aug	49	0.0525	0.046	0.00168	10.9	0.0286	4.52	0.00101	0.00101	0.00000506	0.00708	0.00102	0.0138	0.0151	0.00000515	12.9	0.000019	0.000231
2050 Sep	49.2	0.054	0.0456	0.00167	11	0.0292	4.57	0.00101	0.00101	0.00000507	0.0071	0.00103	0.0138	0.0152	0.00000517	13	0.0000188	0.000231
2050 Oct	49.7	0.0554	0.0464	0.0017	11.2	0.0296	4.64	0.00102	0.00102	0.00000511	0.00715	0.00104	0.014	0.0153	0.0000052	13.2	0.0000189	0.000233
2050 Nov	49.9	0.0556	0.0466	0.0017	11.2	0.0297	4.66	0.00102	0.00102	0.00000512	0.00718	0.00104	0.0141	0.0154	0.00000522	13.2	0.0000189	0.000234

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Dec	49.9	0.0556	0.0466	0.0017	11.2	0.0297	4.66	0.00102	0.00102	0.00000513	0.00718	0.00104	0.0141	0.0154	0.00000522	13.2	0.0000189	0.000234
2051 Jan	49.9	0.0556	0.0467	0.0017	11.2	0.0297	4.66	0.00102	0.00102	0.00000513	0.00718	0.00104	0.0141	0.0154	0.00000522	13.2	0.0000189	0.000234
2051 Feb	49.9	0.0557	0.0468	0.00171	11.2	0.0297	4.66	0.00102	0.00102	0.00000513	0.00718	0.00104	0.0141	0.0154	0.00000522	13.2	0.0000189	0.000234
2051 Mar	49.9	0.0557	0.0468	0.00171	11.2	0.0297	4.67	0.00102	0.00102	0.00000513	0.00718	0.00104	0.0141	0.0154	0.00000522	13.2	0.000019	0.000234
2051 Apr	50.1	0.0559	0.047	0.00171	11.3	0.0298	4.68	0.00103	0.00103	0.00000515	0.00721	0.00104	0.0141	0.0154	0.00000524	13.3	0.000019	0.000235
2051 May	51.4	0.0577	0.0488	0.00175	11.6	0.0302	4.83	0.00104	0.00104	0.00000521	0.00728	0.00107	0.0144	0.0159	0.00000531	13.6	0.0000193	0.000241
2051 Jun	52	0.0557	0.0498	0.00169	11.8	0.0266	4.88	0.000974	0.000974	0.00000488	0.00683	0.00105	0.0137	0.0168	0.00000498	14.2	0.0000191	0.000249
2051 Jul	51.8	0.0555	0.0521	0.00174	11.7	0.0268	4.91	0.000983	0.000983	0.00000493	0.00689	0.00105	0.014	0.0164	0.00000503	13.9	0.0000194	0.000248
2051 Aug	52	0.0552	0.0504	0.00173	11.8	0.028	4.91	0.000998	0.000998	0.000005	0.00691	0.00106	0.0141	0.0166	0.00000511	14.1	0.0000189	0.000247
2051 Sep	51.7	0.0583	0.0497	0.00171	11.8	0.0288	4.95	0.000987	0.000987	0.00000495	0.00687	0.00106	0.0141	0.0164	0.00000505	14	0.0000183	0.000243
2051 Oct	51.3	0.0666	0.0509	0.00171	12.1	0.0301	5.13	0.000959	0.000959	0.00000481	0.00681	0.00103	0.0142	0.016	0.00000492	13.7	0.0000174	0.000235
2051 Nov	51.4	0.0677	0.0512	0.00172	12.1	0.0303	5.17	0.000959	0.000959	0.00000481	0.00683	0.00103	0.0142	0.016	0.00000492	13.8	0.0000174	0.000235
2051 Dec	51.5	0.0678	0.0513	0.00172	12.1	0.0303	5.17	0.00096	0.00096	0.00000481	0.00683	0.00103	0.0143	0.016	0.00000492	13.8	0.0000174	0.000235
2052 Jan	51.5	0.0678	0.0513	0.00172	12.1	0.0303	5.17	0.00096	0.00096	0.00000481	0.00683	0.00103	0.0143	0.016	0.00000492	13.8	0.0000174	0.000235
2052 Feb	51.5	0.0678	0.0513	0.00172	12.1	0.0303	5.17	0.00096	0.00096	0.00000481	0.00683	0.00103	0.0143	0.016	0.00000492	13.8	0.0000174	0.000235
2052 Mar	51.5	0.0678	0.0513	0.00172	12.1	0.0304	5.18	0.000961	0.000961	0.00000482	0.00684	0.00103	0.0143	0.016	0.00000493	13.8	0.0000174	0.000235
2052 Apr	51.6	0.068	0.0514	0.00173	12.2	0.0304	5.19	0.000963	0.000963	0.00000483	0.00685	0.00104	0.0143	0.0161	0.00000494	13.8	0.0000175	0.000236
2052 May	53.1	0.0686	0.0511	0.00172	12.5	0.0304	5.29	0.000971	0.000971	0.00000487	0.0069	0.00107	0.0143	0.0169	0.00000498	14.5	0.0000177	0.000244
2052 Jun	55.9	0.0671	0.0498	0.00167	13.1	0.0287	5.42	0.000969	0.000969	0.00000486	0.00685	0.00112	0.0138	0.0188	0.00000496	15.9	0.0000182	0.000261
2052 Jul	55.3	0.0646	0.0491	0.00168	12.9	0.0296	5.36	0.000984	0.000984	0.00000493	0.00684	0.00113	0.0138	0.0186	0.00000503	15.7	0.0000179	0.000256
2052 Aug	55.9	0.065	0.0491	0.0017	13.1	0.0306	5.43	0.001	0.001	0.00000503	0.00692	0.00115	0.014	0.0188	0.00000513	15.9	0.0000178	0.000257
2052 Sep	55.9	0.0668	0.0493	0.0017	13.2	0.0313	5.48	0.001	0.001	0.00000503	0.00692	0.00115	0.0142	0.0187	0.00000513	15.8	0.0000175	0.000256
2052 Oct	56.1	0.0692	0.0505	0.00173	13.3	0.0317	5.56	0.001	0.001	0.00000503	0.00695	0.00115	0.0144	0.0186	0.00000514	15.8	0.0000175	0.000256
2052 Nov	56.3	0.0695	0.0508	0.00174	13.3	0.0318	5.59	0.00101	0.00101	0.00000504	0.00697	0.00115	0.0144	0.0187	0.00000515	15.8	0.0000175	0.000257
2052 Dec	56.3	0.0695	0.0508	0.00174	13.3	0.0319	5.59	0.00101	0.00101	0.00000504	0.00697	0.00115	0.0144	0.0187	0.00000515	15.9	0.0000175	0.000257
2053 Jan	56.3	0.0695	0.0508	0.00174	13.3	0.0319	5.59	0.00101	0.00101	0.00000504	0.00697	0.00115	0.0144	0.0187	0.00000515	15.9	0.0000175	0.000257
2053 Feb	56.3	0.0695	0.0509	0.00174	13.4	0.0319	5.59	0.00101	0.00101	0.00000505	0.00697	0.00115	0.0144	0.0187	0.00000515	15.9	0.0000175	0.000257
2053 Mar	56.4	0.0696	0.0509	0.00174	13.4	0.0319	5.6	0.00101	0.00101	0.00000505	0.00698	0.00115	0.0144	0.0187	0.00000516	15.9	0.0000175	0.000257
2053 Apr	56.6	0.0699	0.0511	0.00175	13.4	0.032	5.62	0.00101	0.00101	0.00000507	0.007	0.00115	0.0145	0.0188	0.00000518	15.9	0.0000176	0.000258
2053 May	60.3	0.0739	0.0556	0.00181	14.4	0.0317	6.03	0.00102	0.00102	0.00000509	0.007	0.00121	0.0148	0.0205	0.00000521	17.3	0.000018	0.000276
2053 Jun	63.1	0.0729	0.0558	0.00175	15.1	0.0286	6.22	0.000971	0.000971	0.00000487	0.00666	0.00125	0.0141	0.0226	0.00000498	18.8	0.0000181	0.000295
2053 Jul	64.3	0.0742	0.058	0.00181	15.4	0.0294	6.36	0.001	0.001	0.00000502	0.00687	0.00127	0.0146	0.0229	0.00000514	19	0.0000187	0.000301
2053 Aug	66.3	0.0763	0.0592	0.00186	15.9	0.0308	6.55	0.00104	0.00104	0.00000521	0.0071	0.00132	0.0151	0.0236	0.00000534	19.6	0.0000192	0.00031
2053 Sep	67.9	0.0782	0.0603	0.00191	16.2	0.0317	6.7	0.00107	0.00107	0.00000535	0.00728	0.00135	0.0155	0.0241	0.00000548	20.1	0.0000196	0.000317
2053 Oct	68.3	0.079	0.0603	0.00191	16.3	0.032	6.74	0.00107	0.00107	0.00000538	0.00734	0.00136	0.0156	0.0243	0.00000551	20.2	0.0000197	0.000318
2053 Nov	68.2	0.0792	0.06	0.00191	16.3	0.0321	6.73	0.00107	0.00107	0.00000538	0.00735	0.00135	0.0156	0.0242	0.00000551	20.2	0.0000196	0.000318
2053 Dec	68.2	0.0792	0.06	0.00191	16.3	0.0321	6.73	0.00107	0.00107	0.00000538	0.00735	0.00135	0.0156	0.0242	0.00000551	20.2	0.0000196	0.000318
2054 Jan	68.2	0.0792	0.06	0.00191	16.3	0.0321	6.73	0.00107	0.00107	0.00000538	0.00735	0.00135	0.0156	0.0242	0.00000551	20.2	0.0000196	0.000318
2054 Feb	68.2	0.0792	0.0601	0.00191	16.3	0.0321	6.73	0.00107	0.00107	0.00000538	0.00735	0.00136	0.0156	0.0242	0.00000551	20.2	0.0000196	0.000318
2054 Mar	68.2	0.0792	0.0601	0.00191	16.3	0.0321	6.73	0.00107	0.00107	0.00000538	0.00735	0.00136	0.0156	0.0242	0.00000551	20.2	0.0000196	0.000318
2054 Apr	68.4	0.0795	0.0603	0.00191	16.4	0.0322	6.75	0.00108	0.00108	0.0000054	0.00738	0.00136	0.0156	0.0243	0.00000553	20.2	0.0000197	0.000319
2054 May	69.6	0.0801	0.0602	0.00192	16.6	0.0323	6.84	0.00109	0.00109	0.00000545	0.00744	0.00138	0.0157	0.0249	0.00000558	20.7	0.0000199	0.000325
2054 Jun	66.9	0.0728	0.055	0.00176	15.8	0.0288	6.44	0.00102	0.00102	0.00000513	0.00703	0.00133	0.0144	0.0245	0.00000525	20.3	0.0000196	0.000318
2054 Jul	64.2	0.0693	0.0549	0.00177	15.1	0.0287	6.22	0.00102	0.00102	0.0000051	0.00694	0.00129	0.0144	0.0231	0.00000521	19.1	0.0000192	0.000304
2054 Aug	64.2	0.0694	0.0546	0.00177	15.2	0.0298	6.24	0.00103	0.00103	0.00000515	0.00696	0.00129	0.0146	0.023	0.00000527	19.1	0.0000188	0.000302
2054 Sep	64.2	0.0708	0.055	0.00179	15.2	0.0307	6.29	0.00103	0.00103	0.00000518	0.00697	0.00129	0.0149	0.0228	0.00000529	19	0.0000185	0.000301
2054 Oct	63.7	0.0732	0.0557	0.0018	15.2	0.0311	6.32	0.00102	0.00102	0.00000513	0.00696	0.00128	0.015	0.0225	0.00000525	18.8	0.0000183	0.000297
2054 Nov	63.6	0.0741	0.0558	0.0018	15.2	0.0313	6.33	0.00102	0.00102	0.00000512	0.00696	0.00127	0.015	0.0223	0.00000524	18.7	0.0000182	0.000296
2054 Dec	63.6	0.0742	0.0559	0.0018	15.2	0.0313	6.34	0.00102	0.00102	0.00000512	0.00696	0.00127	0.015	0.0223	0.00000524	18.7	0.0000182	0.000296
2055 Jan	63.6	0.0742	0.0559	0.0018	15.2	0.0313	6.34	0.00102	0.00102	0.00000512	0.00696	0.00127	0.015	0.0223	0.00000524	18.7	0.0000182	0.000296
2055 Feb	63.6	0.0742	0.0559	0.0018	15.2	0.0313	6.34	0.00102	0.00102	0.00000512	0.00696	0.00127	0.015	0.0223	0.00000524	18.7	0.0000182	0.000296
2055 Mar	63.6	0.0742	0.056	0.0018	15.2	0.0313	6.34	0.00102	0.00102	0.00000512	0.00697	0.00127	0.015	0.0223	0.00000524	18.7	0.0000182	0.000296
2055 Apr	63.8	0.0744	0.0561	0.00181	15.2	0.0314	6.36	0.00102	0.00102	0.00000514	0.00699	0.00127	0.0151	0.0224	0.00000526	18.7	0.0000183	0.000297
2055 May	64.5	0.0752	0.0567	0.00183	15.4	0.0317	6.43	0.00104	0.00104	0.00000519	0.00706	0.00129	0.0152	0.0227	0.00000532	18.9	0.0000185	0.0003
2055 Jun	57	0.0628	0.052	0.00172	13.2	0.0285	5.57	0.00099	0.00099	0.00000496	0.00687	0.00115	0.0145	0.0191	0.00000508	16.1	0.0000188	0.000271
2055 Jul	55.3	0.0599	0.0526	0.00174	12.6	0.0282	5.42	0.000992	0.000992	0.00000497	0.0069	0.00112	0.0147	0.0181	0.00000509	15.3	0.000019	0.000264
2055 Aug	56.7	0.0611	0.0533	0.00178	13	0.0293	5.55	0.00102	0.00102	0.00000513	0.00708	0.00115	0.015	0.0186	0.00000525	15.7	0.0000194	0.00027
2055 Sep	56.5	0.0615	0.0517	0.00176	13	0.0299	5.52	0.00103	0.00103	0.00000514	0.00708	0.00115	0.015	0.0186	0.00000526	15.7	0.000019	0.000268
2055 Oct	56.7	0.0622	0.0514	0.00176	13	0.0302	5.54	0.00103	0.00103	0.00000516	0.00713	0.00116	0.015	0.0186	0.00000528	15.8	0.000019	0.000268
2055 Nov	56.7	0.0625	0.0513	0.00176	13	0.0303	5.55	0.00103	0.00103	0.00000517	0.00714	0.00116	0.015	0.0187	0.00000528	15.8	0.0000191	0.000268
2055 Dec	56.7	0.0625	0.0513	0.00176	13	0.0303	5.55	0.00103	0.00103	0.00000517	0.00714	0.00116	0.015	0.0187	0.00000528	15.8	0.0000191	0.000268
2056 Jan	56.8	0.0625	0.0513	0.00176	13	0.0303	5.55	0.00103	0.00103	0.00000517	0.00714	0.00116	0.015	0.0187	0.00000528	15.8	0.0000191	0.000268
2056 Feb	56.8	0.0625	0.0513	0.00176	13	0.0303	5.55	0.00103	0.00103	0.00000517	0.00714	0.00116	0.015	0.0187	0.00000528	15.8	0.0000191	0.000268
2056 Mar	56.8	0.0625	0.0514	0.00176	13	0.0303	5.55	0.00103	0.00103	0.00000517	0.00715	0.00116	0.015	0.0187	0.00000529	15.8	0.0000191	0.000269
2056 Apr	57	0.0627	0.0515	0.00177	13.1	0.0304	5.57	0.00103	0.00103	0.00000519	0.00717	0.00116	0.0151	0.0187	0.0000053	15.8	0.0000191	0.000269
2056 May	59.1	0.0637	0.0508	0.00175	13.6	0.0302	5.71	0.00104	0.00104	0.00000522	0.0072	0.0012	0.0149	0.02	0.00000533	16.8	0.0000194	0.000281
2056 Jun	61.8	0.0635	0.0488	0.00164	14.3	0.0273	5.87	0.000992	0.000992	0.00000497	0.00683	0.00124	0.0138	0.0223	0.00000507	18.5	0.0000191	0.000297
2056 Jul	63.2	0.0643	0.0499	0.00169	14.6	0.0284	5.99	0.00103	0.00103	0.00000515	0.00706	0.00128	0.0143	0.0227	0.00000526	18.9	0.0000197	0.000303

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Aug	63.6	0.0643	0.0494	0.0017	14.7	0.0295	6.03	0.00105	0.00105	0.00000526	0.00714	0.0013	0.0144	0.0229	0.00000536	19	0.0000196	0.000304
2056 Sep	64.5	0.0659	0.0495	0.00172	15	0.0302	6.11	0.00107	0.00107	0.00000535	0.00728	0.00132	0.0147	0.0232	0.00000545	19.3	0.0000198	0.000308
2056 Oct	63.7	0.0677	0.0491	0.00171	14.8	0.0306	6.09	0.00106	0.00106	0.00000529	0.00725	0.0013	0.0146	0.0228	0.00000539	19	0.0000195	0.000302
2056 Nov	63.7	0.0686	0.0497	0.00172	14.9	0.0307	6.13	0.00105	0.00105	0.00000528	0.00725	0.0013	0.0147	0.0227	0.00000539	19	0.0000194	0.000302
2056 Dec	63.8	0.0687	0.0497	0.00172	14.9	0.0307	6.13	0.00105	0.00105	0.00000528	0.00726	0.0013	0.0147	0.0228	0.00000539	19	0.0000194	0.000302
2057 Jan	63.8	0.0687	0.0497	0.00172	14.9	0.0308	6.13	0.00105	0.00105	0.00000528	0.00726	0.0013	0.0147	0.0228	0.00000539	19	0.0000194	0.000302
2057 Feb	63.8	0.0687	0.0497	0.00172	14.9	0.0308	6.13	0.00105	0.00105	0.00000529	0.00726	0.0013	0.0147	0.0228	0.00000539	19	0.0000194	0.000302
2057 Mar	63.8	0.0687	0.0498	0.00172	14.9	0.0308	6.14	0.00106	0.00106	0.00000529	0.00726	0.0013	0.0147	0.0228	0.0000054	19	0.0000195	0.000302
2057 Apr	64	0.069	0.0499	0.00173	14.9	0.0309	6.16	0.00106	0.00106	0.00000531	0.00729	0.0013	0.0148	0.0228	0.00000541	19.1	0.0000195	0.000303
2057 May	65.2	0.0699	0.0502	0.00174	15.2	0.0311	6.25	0.00107	0.00107	0.00000537	0.00737	0.00133	0.0149	0.0234	0.00000548	19.5	0.0000198	0.000309
2057 Jun	61.9	0.0629	0.047	0.00163	14.3	0.0278	5.83	0.00101	0.00101	0.00000508	0.00702	0.00126	0.0139	0.0223	0.00000518	18.6	0.0000196	0.000298
2057 Jul	61.9	0.0623	0.0479	0.00167	14.2	0.0283	5.83	0.00103	0.00103	0.00000518	0.00716	0.00126	0.0142	0.0221	0.00000528	18.4	0.00002	0.000298
2057 Aug	65.1	0.0655	0.0501	0.00175	14.9	0.03	6.14	0.00109	0.00109	0.00000547	0.00754	0.00133	0.015	0.0233	0.00000557	19.4	0.000021	0.000314
2057 Sep	66.1	0.0668	0.0504	0.00177	15.2	0.0307	6.23	0.00111	0.00111	0.00000556	0.00767	0.00135	0.0152	0.0236	0.00000567	19.7	0.0000212	0.000318
2057 Oct	65.7	0.0675	0.0496	0.00176	15.1	0.0309	6.2	0.00111	0.00111	0.00000554	0.00767	0.00134	0.0151	0.0235	0.00000565	19.6	0.0000211	0.000315
2057 Nov	65.8	0.0677	0.0496	0.00176	15.1	0.031	6.21	0.00111	0.00111	0.00000555	0.00769	0.00135	0.0152	0.0235	0.00000566	19.6	0.0000211	0.000316
2057 Dec	65.9	0.0677	0.0496	0.00176	15.1	0.031	6.21	0.00111	0.00111	0.00000555	0.00769	0.00135	0.0152	0.0235	0.00000566	19.6	0.0000211	0.000316
2058 Jan	65.9	0.0677	0.0496	0.00176	15.1	0.031	6.21	0.00111	0.00111	0.00000555	0.00769	0.00135	0.0152	0.0235	0.00000566	19.6	0.0000211	0.000316
2058 Feb	65.9	0.0677	0.0496	0.00176	15.1	0.031	6.21	0.00111	0.00111	0.00000555	0.00769	0.00135	0.0152	0.0235	0.00000566	19.6	0.0000211	0.000316
2058 Mar	65.9	0.0678	0.0496	0.00176	15.1	0.031	6.21	0.00111	0.00111	0.00000555	0.00769	0.00135	0.0152	0.0235	0.00000566	19.6	0.0000211	0.000316
2058 Apr	66	0.0679	0.0497	0.00176	15.2	0.0311	6.23	0.00111	0.00111	0.00000556	0.00771	0.00135	0.0152	0.0236	0.00000567	19.6	0.0000212	0.000317
2058 May	68.9	0.0723	0.0549	0.00184	16	0.0311	6.64	0.00111	0.00111	0.00000556	0.00767	0.00139	0.0157	0.0247	0.00000568	20.6	0.0000213	0.00033
2058 Jun	69.4	0.0726	0.0576	0.00177	16.4	0.0272	6.81	0.001	0.001	0.00000504	0.00689	0.00136	0.0148	0.0257	0.00000517	21.1	0.0000201	0.000334
2058 Jul	69.9	0.0734	0.0598	0.00183	16.5	0.0279	6.91	0.00103	0.00103	0.00000515	0.00704	0.00137	0.0153	0.0257	0.00000528	21.1	0.0000205	0.000337
2058 Aug	71.6	0.0748	0.0607	0.00188	16.8	0.0291	7.07	0.00106	0.00106	0.00000531	0.00724	0.00141	0.0157	0.0263	0.00000545	21.6	0.0000209	0.000344
2058 Sep	70.9	0.076	0.0591	0.00185	16.7	0.0297	7.01	0.00106	0.00106	0.0000053	0.00727	0.0014	0.0157	0.0259	0.00000544	21.4	0.0000206	0.000339
2058 Oct	70.6	0.0786	0.0603	0.00187	16.7	0.0303	7.08	0.00105	0.00105	0.00000528	0.00727	0.00139	0.0159	0.0256	0.00000542	21.2	0.0000204	0.000336
2058 Nov	70.8	0.0793	0.0611	0.00189	16.8	0.0305	7.13	0.00105	0.00105	0.00000529	0.00729	0.00139	0.016	0.0256	0.00000543	21.2	0.0000204	0.000337
2058 Dec	70.9	0.0794	0.0612	0.00189	16.8	0.0305	7.13	0.00106	0.00106	0.00000529	0.00729	0.00139	0.016	0.0256	0.00000544	21.2	0.0000204	0.000337
2059 Jan	70.9	0.0794	0.0612	0.00189	16.8	0.0305	7.13	0.00106	0.00106	0.00000529	0.00729	0.00139	0.016	0.0256	0.00000544	21.2	0.0000204	0.000337
2059 Feb	70.9	0.0794	0.0612	0.00189	16.8	0.0305	7.14	0.00106	0.00106	0.00000529	0.00729	0.00139	0.016	0.0256	0.00000544	21.2	0.0000204	0.000337
2059 Mar	70.9	0.0794	0.0612	0.00189	16.8	0.0305	7.14	0.00106	0.00106	0.00000529	0.00729	0.00139	0.016	0.0256	0.00000544	21.2	0.0000204	0.000337
2059 Apr	71	0.0796	0.0613	0.0019	16.9	0.0306	7.15	0.00106	0.00106	0.00000531	0.00731	0.00139	0.0161	0.0257	0.00000545	21.2	0.0000205	0.000338
2059 May	72.5	0.0804	0.0614	0.0019	17.2	0.0306	7.26	0.00107	0.00107	0.00000534	0.00735	0.00142	0.0161	0.0265	0.00000549	21.8	0.0000207	0.000345
2059 Jun	73.9	0.0795	0.06	0.00184	17.6	0.029	7.32	0.00105	0.00105	0.00000524	0.00719	0.00145	0.0155	0.0277	0.00000538	22.7	0.0000207	0.000354
2059 Jul	77.3	0.0827	0.0626	0.00193	18.3	0.0305	7.64	0.0011	0.0011	0.00000552	0.00757	0.00151	0.0163	0.0289	0.00000567	23.7	0.0000218	0.000371
2059 Aug	80.4	0.0859	0.0649	0.00201	19.1	0.032	7.94	0.00115	0.00115	0.00000576	0.00789	0.00158	0.017	0.0301	0.00000591	24.7	0.0000226	0.000385
2059 Sep	80.5	0.0871	0.0641	0.002	19.1	0.0327	7.95	0.00116	0.00116	0.00000581	0.00797	0.00158	0.017	0.03	0.00000595	24.7	0.0000226	0.000385
2059 Oct	75.7	0.087	0.0577	0.00187	18	0.0328	7.5	0.00111	0.00111	0.00000557	0.00778	0.0015	0.0161	0.028	0.0000057	23.2	0.0000213	0.000358
2059 Nov	75.4	0.0877	0.0578	0.00187	18	0.033	7.5	0.00111	0.00111	0.00000555	0.00778	0.00149	0.0162	0.0279	0.00000568	23.1	0.0000212	0.000356
2059 Dec	75.4	0.0877	0.0578	0.00187	18	0.033	7.5	0.00111	0.00111	0.00000555	0.00778	0.00149	0.0162	0.0279	0.00000568	23.1	0.0000212	0.000356
2060 Jan	75.4	0.0877	0.0578	0.00187	18	0.033	7.51	0.00111	0.00111	0.00000555	0.00778	0.00149	0.0162	0.0279	0.00000569	23.1	0.0000212	0.000356
2060 Feb	75.4	0.0878	0.0578	0.00187	18	0.033	7.51	0.00111	0.00111	0.00000555	0.00778	0.00149	0.0162	0.0279	0.00000569	23.1	0.0000212	0.000356
2060 Mar	75.4	0.0878	0.0579	0.00187	18	0.033	7.51	0.00111	0.00111	0.00000556	0.00778	0.00149	0.0162	0.0279	0.00000569	23.1	0.0000212	0.000356
2060 Apr	75.7	0.0881	0.0581	0.00188	18.1	0.0331	7.53	0.00111	0.00111	0.00000557	0.00781	0.0015	0.0162	0.028	0.00000571	23.2	0.0000213	0.000357
2060 May	77.7	0.0887	0.0587	0.00187	18.6	0.0323	7.7	0.0011	0.0011	0.00000553	0.00772	0.00153	0.0161	0.0292	0.00000567	24.1	0.0000213	0.000368
2060 Jun	76.7	0.0842	0.0573	0.00178	18.3	0.0294	7.56	0.00105	0.00105	0.00000524	0.00726	0.0015	0.0152	0.0294	0.00000537	24.2	0.0000207	0.000367
2060 Jul	79.7	0.0873	0.06	0.00187	19	0.0308	7.86	0.0011	0.0011	0.0000055	0.00761	0.00156	0.016	0.0304	0.00000564	25	0.0000217	0.000382
2060 Aug	80.3	0.0876	0.0595	0.00188	19.2	0.0319	7.9	0.00112	0.00112	0.00000561	0.00772	0.00158	0.0162	0.0306	0.00000574	25.2	0.0000216	0.000383
2060 Sep	75.9	0.0847	0.055	0.00179	18.2	0.0325	7.49	0.00109	0.00109	0.00000544	0.00745	0.0015	0.0158	0.0286	0.00000557	23.7	0.00002	0.00036
2060 Oct	75.2	0.0872	0.0564	0.00181	18.1	0.0331	7.54	0.00108	0.00108	0.0000054	0.00744	0.00148	0.016	0.028	0.00000553	23.3	0.0000197	0.000355
2060 Nov	74.8	0.0882	0.0571	0.00182	18.1	0.0332	7.56	0.00107	0.00107	0.00000537	0.00742	0.00147	0.0161	0.0278	0.00000551	23.1	0.0000196	0.000352
2060 Dec	74.9	0.0883	0.0572	0.00183	18.1	0.0333	7.57	0.00107	0.00107	0.00000538	0.00742	0.00147	0.0161	0.0278	0.00000551	23.1	0.0000196	0.000352
2061 Jan	74.9	0.0883	0.0572	0.00183	18.1	0.0333	7.57	0.00107	0.00107	0.00000538	0.00742	0.00147	0.0161	0.0278	0.00000551	23.1	0.0000196	0.000352
2061 Feb	74.9	0.0883	0.0572	0.00183	18.1	0.0333	7.57	0.00107	0.00107	0.00000538	0.00743	0.00147	0.0161	0.0278	0.00000551	23.1	0.0000196	0.000352
2061 Mar	74.9	0.0883	0.0573	0.00183	18.1	0.0333	7.57	0.00107	0.00107	0.00000538	0.00743	0.00147	0.0161	0.0278	0.00000551	23.1	0.0000196	0.000352
2061 Apr	75.2	0.0886	0.0574	0.00183	18.2	0.0334	7.6	0.00108	0.00108	0.0000054	0.00745	0.00148	0.0162	0.0279	0.00000553	23.2	0.0000197	0.000353
2061 May	77.4	0.0896	0.0587	0.00184	18.7	0.0326	7.8	0.00107	0.00107	0.00000537	0.00739	0.00151	0.0161	0.0291	0.00000551	24.1	0.0000199	0.000365
2061 Jun	75	0.0843	0.0593	0.00177	18.1	0.0291	7.6	0.000997	0.000997	0.000005	0.00685	0.00145	0.0154	0.0285	0.00000514	23.4	0.0000193	0.000358
2061 Jul	77.4	0.0865	0.0616	0.00185	18.6	0.0305	7.85	0.00104	0.00104	0.00000524	0.00716	0.0015	0.0161	0.0293	0.00000538	24.1	0.0000201	0.000369
2061 Aug	80.2	0.0894	0.0635	0.00192	19.3	0.0319	8.13	0.00109	0.00109	0.00000546	0.00744	0.00156	0.0167	0.0303	0.00000561	25	0.0000208	0.000382
2061 Sep	80.4	0.0901	0.063	0.00192	19.4	0.0325	8.14	0.0011	0.0011	0.0000055	0.00751	0.00157	0.0168	0.0304	0.00000565	25	0.0000208	0.000382
2061 Oct	77.1	0.0907	0.0604	0.00186	18.7	0.0326	7.89	0.00107	0.00107	0.00000534	0.00739	0.0015	0.0164	0.0288	0.00000549	23.9	0.00002	0.000364
2061 Nov	76.4	0.0919	0.0611	0.00188	18.6	0.0329	7.9	0.00106	0.00106	0.0000053	0.00736	0.00149	0.0165	0.0284	0.00000545	23.5	0.0000198	0.000359
2061 Dec	76.5	0.092	0.0612	0.00188	18.6	0.0329	7.9	0.00106	0.00106	0.0000053	0.00736	0.00149	0.0165	0.0284	0.00000545	23.5	0.0000198	0.000359
2062 Jan	76.5	0.092	0.0612	0.00188	18.6	0.0329	7.9	0.00106	0.00106	0.0000053	0.00736	0.00149	0.0165	0.0284	0.00000545	23.5	0.0000198	0.000359
2062 Feb	76.5	0.092	0.0612	0.00188	18.6	0.0329	7.91	0.00106	0.00106	0.0000053	0.00736	0.00149	0.0165	0.0284	0.00000546	23.5	0.0000198	0.000359
2062 Mar	76.6	0.0921	0.0613	0.00188	18.6	0.0329	7.91	0.00106	0.00106	0.00000531	0.00737	0.00149	0.0165	0.0284	0.00000546	23.5	0.0000198	0.00036

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2062 Apr	76.8	0.0924	0.0615	0.00189	18.6	0.0331	7.94	0.00106	0.00106	0.00000533	0.00739	0.00149	0.0166	0.0285	0.00000548	23.6	0.0000199	0.000361
2062 May	77.5	0.0933	0.0621	0.0019	18.8	0.0334	8.01	0.00107	0.00107	0.00000538	0.00746	0.00151	0.0168	0.0288	0.00000553	23.8	0.00002	0.000364
2062 Jun	68.3	0.078	0.0556	0.00178	16.1	0.0303	6.93	0.00103	0.00103	0.00000516	0.00724	0.00134	0.0158	0.0245	0.0000053	20.4	0.00002	0.000326
2062 Jul	64.3	0.0713	0.0544	0.00177	14.9	0.0295	6.52	0.00102	0.00102	0.00000512	0.0072	0.00127	0.0157	0.0224	0.00000526	18.7	0.0000201	0.000308
2062 Aug	63.6	0.0701	0.0529	0.00175	14.8	0.0306	6.45	0.00103	0.00103	0.00000517	0.00716	0.00127	0.0157	0.0222	0.0000053	18.5	0.0000195	0.000303
2062 Sep	63.2	0.0732	0.0542	0.00178	14.9	0.0315	6.55	0.00102	0.00102	0.00000512	0.00712	0.00126	0.016	0.0217	0.00000526	18.2	0.0000189	0.000299
2062 Oct	61.8	0.0806	0.0579	0.00182	14.8	0.0326	6.74	0.000983	0.000983	0.00000494	0.00699	0.00121	0.0165	0.0205	0.00000509	17.3	0.000018	0.000286
2062 Nov	62	0.0816	0.0587	0.00184	14.9	0.0328	6.8	0.000985	0.000985	0.00000494	0.00701	0.00121	0.0167	0.0205	0.0000051	17.3	0.000018	0.000287
2062 Dec	62	0.0817	0.0587	0.00184	14.9	0.0328	6.8	0.000985	0.000985	0.00000494	0.00701	0.00121	0.0167	0.0205	0.00000511	17.3	0.000018	0.000287
2063 Jan	62	0.0817	0.0587	0.00184	14.9	0.0328	6.8	0.000985	0.000985	0.00000494	0.00701	0.00121	0.0167	0.0205	0.00000511	17.3	0.000018	0.000287
2063 Feb	62	0.0817	0.0587	0.00184	14.9	0.0328	6.8	0.000985	0.000985	0.00000495	0.00701	0.00121	0.0167	0.0205	0.00000511	17.3	0.000018	0.000287
2063 Mar	62	0.0817	0.0588	0.00184	14.9	0.0328	6.8	0.000986	0.000986	0.00000495	0.00701	0.00121	0.0167	0.0205	0.00000511	17.3	0.000018	0.000287
2063 Apr	62.1	0.0819	0.0589	0.00184	14.9	0.0329	6.82	0.000987	0.000987	0.00000496	0.00703	0.00121	0.0167	0.0205	0.00000512	17.4	0.0000181	0.000287
2063 May	63.8	0.0822	0.0583	0.00183	15.3	0.0326	6.91	0.000994	0.000994	0.00000499	0.00706	0.00125	0.0166	0.0216	0.00000515	18.2	0.0000183	0.000296
2063 Jun	62.7	0.0721	0.0542	0.00166	14.9	0.0272	6.55	0.000919	0.000919	0.00000461	0.00646	0.00122	0.0149	0.0223	0.00000476	18.5	0.0000182	0.0003
2063 Jul	61.5	0.0703	0.0556	0.0017	14.5	0.0273	6.48	0.000926	0.000926	0.00000465	0.00651	0.0012	0.0152	0.0215	0.0000048	17.8	0.0000184	0.000295
2063 Aug	63.7	0.0725	0.057	0.00176	15	0.0286	6.7	0.000965	0.000965	0.00000484	0.00676	0.00124	0.0158	0.0222	0.000005	18.5	0.0000189	0.000304
2063 Sep	63.5	0.0728	0.0556	0.00175	15	0.0294	6.66	0.000973	0.000973	0.00000488	0.0068	0.00125	0.0158	0.0222	0.00000503	18.5	0.0000187	0.000303
2063 Oct	62.9	0.075	0.0559	0.00175	14.9	0.0299	6.68	0.000963	0.000963	0.00000483	0.00678	0.00123	0.0158	0.0217	0.00000499	18.2	0.0000184	0.000298
2063 Nov	63.1	0.0759	0.0568	0.00176	15	0.0301	6.74	0.000963	0.000963	0.00000484	0.00679	0.00123	0.016	0.0217	0.00000499	18.2	0.0000184	0.000298
2063 Dec	63.1	0.0761	0.057	0.00177	15	0.0301	6.75	0.000964	0.000964	0.00000484	0.00679	0.00123	0.016	0.0217	0.00000499	18.2	0.0000184	0.000298
2064 Jan	63.1	0.0761	0.057	0.00177	15	0.0301	6.75	0.000964	0.000964	0.00000484	0.00679	0.00123	0.016	0.0217	0.000005	18.2	0.0000184	0.000298
2064 Feb	63.2	0.0761	0.057	0.00177	15	0.0301	6.75	0.000964	0.000964	0.00000484	0.00679	0.00123	0.016	0.0217	0.000005	18.2	0.0000184	0.000298
2064 Mar	63.2	0.0762	0.0571	0.00177	15	0.0301	6.76	0.000965	0.000965	0.00000484	0.0068	0.00123	0.016	0.0218	0.000005	18.2	0.0000184	0.000299
2064 Apr	63.4	0.0763	0.0572	0.00177	15	0.0302	6.77	0.000967	0.000967	0.00000485	0.00681	0.00123	0.0161	0.0218	0.00000501	18.2	0.0000184	0.000299
2064 May	66.1	0.0783	0.0589	0.00179	15.8	0.0298	7.04	0.00097	0.00097	0.00000487	0.0068	0.00128	0.0162	0.0232	0.00000503	19.3	0.0000187	0.000313
2064 Jun	68.3	0.0767	0.059	0.00173	16.3	0.0269	7.19	0.000925	0.000925	0.00000465	0.00642	0.00131	0.0154	0.0251	0.0000048	20.6	0.0000185	0.000328
2064 Jul	69.2	0.0767	0.0593	0.00176	16.5	0.0279	7.25	0.000958	0.000958	0.00000481	0.00662	0.00134	0.0157	0.0254	0.00000497	20.9	0.000019	0.000332
2064 Aug	69.2	0.076	0.0585	0.00177	16.5	0.0289	7.24	0.000975	0.000975	0.00000489	0.00667	0.00135	0.0157	0.0254	0.00000505	20.9	0.0000188	0.00033
2064 Sep	67.9	0.0778	0.0589	0.00178	16.3	0.03	7.23	0.000967	0.000967	0.00000486	0.00661	0.00132	0.0161	0.0245	0.00000502	20.2	0.000018	0.000321
2064 Oct	68.4	0.0806	0.0612	0.00182	16.5	0.0307	7.39	0.000971	0.000971	0.00000487	0.00666	0.00132	0.0165	0.0244	0.00000504	20.2	0.000018	0.000322
2064 Nov	68.7	0.0812	0.062	0.00184	16.6	0.0308	7.45	0.000974	0.000974	0.00000489	0.00668	0.00133	0.0166	0.0244	0.00000506	20.2	0.0000181	0.000323
2064 Dec	68.7	0.0813	0.0621	0.00184	16.6	0.0308	7.46	0.000974	0.000974	0.00000489	0.00668	0.00133	0.0167	0.0245	0.00000506	20.3	0.0000181	0.000324
2065 Jan	68.7	0.0813	0.0622	0.00184	16.6	0.0308	7.46	0.000974	0.000974	0.00000489	0.00668	0.00133	0.0167	0.0245	0.00000506	20.3	0.0000181	0.000324
2065 Feb	68.7	0.0813	0.0622	0.00184	16.6	0.0309	7.46	0.000974	0.000974	0.00000489	0.00668	0.00133	0.0167	0.0245	0.00000506	20.3	0.0000181	0.000324
2065 Mar	68.8	0.0814	0.0622	0.00185	16.6	0.0309	7.47	0.000975	0.000975	0.0000049	0.00669	0.00133	0.0167	0.0245	0.00000507	20.3	0.0000181	0.000324
2065 Apr	69.1	0.0817	0.0625	0.00185	16.6	0.031	7.5	0.000979	0.000979	0.00000491	0.00671	0.00133	0.0167	0.0246	0.00000509	20.4	0.0000182	0.000325
2065 May	71.5	0.0835	0.0638	0.00187	17.2	0.0309	7.72	0.000987	0.000987	0.00000496	0.00676	0.00138	0.0169	0.0258	0.00000514	21.3	0.0000185	0.000338
2065 Jun	69.9	0.0778	0.0603	0.00177	16.7	0.0281	7.41	0.000949	0.000949	0.00000476	0.00651	0.00135	0.0159	0.0257	0.00000493	21.1	0.0000186	0.000335
2065 Jul	72.2	0.0801	0.0634	0.00186	17.2	0.0293	7.68	0.000993	0.000993	0.00000499	0.00682	0.00139	0.0167	0.0263	0.00000516	21.6	0.0000195	0.000346
2065 Aug	74.5	0.0824	0.0648	0.00192	17.8	0.0308	7.91	0.00103	0.00103	0.00000519	0.00707	0.00144	0.0173	0.0271	0.00000537	22.3	0.00002	0.000356
2065 Sep	72	0.0829	0.0616	0.00186	17.2	0.0313	7.67	0.00101	0.00101	0.00000509	0.00699	0.0014	0.0169	0.026	0.00000526	21.5	0.0000192	0.000342
2065 Oct	68.7	0.0887	0.0624	0.00186	16.7	0.0326	7.64	0.000975	0.000975	0.00000489	0.00689	0.00132	0.0172	0.0239	0.00000507	20	0.0000181	0.00032
2065 Nov	68.5	0.0902	0.0631	0.00187	16.7	0.033	7.69	0.000973	0.000973	0.00000488	0.0069	0.00131	0.0173	0.0237	0.00000507	19.8	0.000018	0.000318
2065 Dec	68.5	0.0904	0.0633	0.00188	16.7	0.033	7.7	0.000973	0.000973	0.00000488	0.0069	0.00131	0.0174	0.0237	0.00000507	19.8	0.000018	0.000318
2066 Jan	68.6	0.0904	0.0634	0.00188	16.7	0.033	7.71	0.000973	0.000973	0.00000489	0.0069	0.00131	0.0174	0.0237	0.00000507	19.8	0.000018	0.000318
2066 Feb	68.6	0.0905	0.0634	0.00188	16.7	0.033	7.71	0.000973	0.000973	0.00000489	0.00691	0.00131	0.0174	0.0237	0.00000507	19.8	0.000018	0.000318
2066 Mar	68.7	0.0906	0.0635	0.00188	16.8	0.0331	7.73	0.000975	0.000975	0.0000049	0.00692	0.00131	0.0174	0.0238	0.00000508	19.9	0.0000181	0.000319
2066 Apr	68.9	0.0908	0.0637	0.00189	16.8	0.0331	7.74	0.000977	0.000977	0.00000491	0.00693	0.00132	0.0175	0.0238	0.00000509	19.9	0.0000181	0.000319
2066 May	69.7	0.0916	0.064	0.0019	17	0.0334	7.81	0.000987	0.000987	0.00000496	0.007	0.00133	0.0176	0.0242	0.00000514	20.2	0.0000183	0.000323
2066 Jun	64.3	0.0772	0.0574	0.00175	15.3	0.0293	6.97	0.000945	0.000945	0.00000474	0.00671	0.00124	0.0162	0.0223	0.00000491	18.6	0.0000185	0.000306
2066 Jul	65.6	0.0775	0.0594	0.00183	15.5	0.0305	7.12	0.000991	0.000991	0.00000498	0.00703	0.00127	0.0169	0.0225	0.00000515	18.8	0.0000195	0.000312
2066 Aug	67.7	0.0796	0.0607	0.00189	16	0.0319	7.33	0.00103	0.00103	0.00000518	0.00728	0.00132	0.0175	0.0233	0.00000536	19.4	0.00002	0.000322
2066 Sep	67.5	0.0806	0.0592	0.00187	15.9	0.0325	7.29	0.00104	0.00104	0.0000052	0.00733	0.00132	0.0174	0.0232	0.00000537	19.4	0.0000198	0.000319
2066 Oct	66.3	0.0829	0.0586	0.00185	15.8	0.033	7.26	0.00102	0.00102	0.00000512	0.00729	0.00129	0.0173	0.0226	0.00000529	18.9	0.0000194	0.000311
2066 Nov	66.5	0.0846	0.0605	0.00188	15.9	0.0333	7.37	0.00102	0.00102	0.00000511	0.00728	0.00129	0.0176	0.0224	0.00000529	18.8	0.0000193	0.000311
2066 Dec	66.6	0.0847	0.0606	0.00188	15.9	0.0333	7.38	0.00102	0.00102	0.00000511	0.00729	0.00129	0.0177	0.0224	0.00000529	18.8	0.0000193	0.000312
2067 Jan	66.6	0.0848	0.0607	0.00189	15.9	0.0333	7.38	0.00102	0.00102	0.00000511	0.00729	0.00129	0.0177	0.0224	0.00000529	18.8	0.0000193	0.000312
2067 Feb	66.6	0.0848	0.0607	0.00189	15.9	0.0334	7.39	0.00102	0.00102	0.00000511	0.00729	0.00129	0.0177	0.0225	0.00000529	18.8	0.0000193	0.000312
2067 Mar	66.7	0.0849	0.0608	0.00189	15.9	0.0334	7.39	0.00102	0.00102	0.00000512	0.0073	0.00129	0.0177	0.0225	0.0000053	18.9	0.0000193	0.000312
2067 Apr	66.8	0.085	0.0609	0.00189	15.9	0.0335	7.41	0.00102	0.00102	0.00000513	0.00731	0.0013	0.0177	0.0225	0.00000531	18.9	0.0000194	0.000313
2067 May	68.8	0.0852	0.0597	0.00187	16.4	0.0331	7.49	0.00103	0.00103	0.00000518	0.00736	0.00134	0.0175	0.0238	0.00000535	19.9	0.0000197	0.000323
2067 Jun	69.4	0.0808	0.0574	0.00177	16.5	0.0303	7.38	0.000994	0.000994	0.00000499	0.00703	0.00135	0.0164	0.0249	0.00000515	20.6	0.0000195	0.000331
2067 Jul	71.9	0.083	0.0593	0.00185	17	0.0317	7.63	0.00104	0.00104	0.00000524	0.00737	0.0014	0.0171	0.0257	0.00000541	21.3	0.0000204	0.000343
2067 Aug	72.1	0.0821	0.0584	0.00186	17.1	0.0328	7.63	0.00107	0.00107	0.00000535	0.00744	0.00142	0.0172	0.0259	0.00000552	21.4	0.0000203	0.000341
2067 Sep	71.8	0.0826	0.0573	0.00185	17	0.0335	7.59	0.00107	0.00107	0.00000538	0.00748	0.00142	0.0172	0.0257	0.00000554	21.4	0.0000201	0.000339
2067 Oct	70	0.0853	0.0574	0.00184	16.7	0.0339	7.55	0.00105	0.00105	0.00000525	0.00738	0.00138	0.0172	0.0247	0.00000542	20.6	0.0000194	0.000328
2067 Nov	69.9	0.0868	0.0583	0.00185	16.7	0.0342	7.61	0.00104	0.00104	0.00000523	0.00738	0.00137	0.0174	0.0245	0.00000541	20.4	0.0000193	0.000326

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 Dec	69.9	0.0869	0.0585	0.00186	16.7	0.0343	7.62	0.00104	0.00104	0.00000524	0.00739	0.00137	0.0174	0.0245	0.00000541	20.4	0.0000193	0.000326
2068 Jan	69.9	0.087	0.0585	0.00186	16.7	0.0343	7.62	0.00104	0.00104	0.00000524	0.00739	0.00137	0.0174	0.0245	0.00000541	20.4	0.0000193	0.000326
2068 Feb	70	0.087	0.0585	0.00186	16.8	0.0343	7.62	0.00104	0.00104	0.00000524	0.00739	0.00137	0.0175	0.0245	0.00000541	20.4	0.0000193	0.000326
2068 Mar	70.1	0.0871	0.0586	0.00186	16.8	0.0343	7.64	0.00105	0.00105	0.00000525	0.0074	0.00137	0.0175	0.0245	0.00000542	20.5	0.0000194	0.000327
2068 Apr	70.5	0.0877	0.059	0.00187	16.9	0.0346	7.69	0.00105	0.00105	0.00000528	0.00745	0.00138	0.0176	0.0247	0.00000546	20.6	0.0000195	0.000329
2068 May	72.3	0.0878	0.0584	0.00185	17.3	0.0341	7.77	0.00106	0.00106	0.0000053	0.00746	0.00142	0.0174	0.0258	0.00000547	21.5	0.0000197	0.000339
2068 Jun	69.2	0.0784	0.0563	0.00171	16.5	0.0288	7.37	0.000957	0.000957	0.00000481	0.00671	0.00134	0.0159	0.0253	0.00000497	20.9	0.0000189	0.000331
2068 Jul	69.3	0.0772	0.0565	0.00175	16.4	0.0296	7.35	0.000987	0.000987	0.00000495	0.00688	0.00135	0.0162	0.0252	0.00000512	20.7	0.0000193	0.000331
2068 Aug	72.1	0.08	0.0584	0.00182	17.1	0.0312	7.64	0.00103	0.00103	0.00000519	0.00718	0.00141	0.0169	0.0262	0.00000536	21.6	0.00002	0.000344
2068 Sep	71.3	0.0809	0.0563	0.00179	16.9	0.0319	7.54	0.00103	0.00103	0.00000519	0.00722	0.0014	0.0167	0.0258	0.00000536	21.4	0.0000197	0.000339
2068 Oct	71.1	0.0821	0.0559	0.00179	16.9	0.0323	7.55	0.00104	0.00104	0.0000052	0.00727	0.0014	0.0168	0.0257	0.00000536	21.3	0.0000197	0.000337
2068 Nov	71.3	0.0826	0.0563	0.0018	16.9	0.0324	7.58	0.00104	0.00104	0.00000521	0.00729	0.0014	0.0169	0.0257	0.00000538	21.3	0.0000197	0.000338
2068 Dec	71.5	0.0829	0.0568	0.0018	17	0.0325	7.61	0.00104	0.00104	0.00000522	0.00729	0.0014	0.0169	0.0258	0.00000538	21.3	0.0000197	0.000338
2069 Jan	71.5	0.083	0.057	0.00181	17	0.0325	7.63	0.00104	0.00104	0.00000522	0.00729	0.0014	0.017	0.0258	0.00000538	21.3	0.0000197	0.000338
2069 Feb	71.5	0.0831	0.0571	0.00181	17	0.0325	7.64	0.00104	0.00104	0.00000522	0.00729	0.00141	0.017	0.0258	0.00000538	21.4	0.0000198	0.000338
2069 Mar	71.6	0.0832	0.0573	0.00181	17	0.0325	7.64	0.00104	0.00104	0.00000522	0.00729	0.00141	0.017	0.0258	0.00000538	21.4	0.0000198	0.000338
2069 Apr	71.7	0.0834	0.0574	0.00182	17	0.0326	7.66	0.00104	0.00104	0.00000523	0.0073	0.00141	0.0171	0.0258	0.00000539	21.4	0.0000198	0.000339
2069 May	72.9	0.0846	0.0582	0.00184	17.3	0.033	7.78	0.00106	0.00106	0.00000531	0.00741	0.00143	0.0173	0.0263	0.00000547	21.8	0.0000201	0.000345
2069 Jun	66.7	0.0725	0.0524	0.00171	15.5	0.0298	6.94	0.00101	0.00101	0.00000508	0.00715	0.00132	0.0161	0.0237	0.00000523	19.7	0.0000201	0.000321
2069 Jul	67.1	0.0721	0.0536	0.00177	15.5	0.0305	6.99	0.00104	0.00104	0.00000523	0.00737	0.00133	0.0166	0.0236	0.00000539	19.6	0.0000207	0.000324
2069 Aug	68.1	0.0728	0.0536	0.00179	15.7	0.0316	7.08	0.00107	0.00107	0.00000537	0.00751	0.00136	0.0169	0.024	0.00000553	20	0.0000208	0.000328
2069 Sep	66.2	0.0743	0.0518	0.00175	15.4	0.0321	6.95	0.00105	0.00105	0.00000525	0.00739	0.00132	0.0167	0.0231	0.0000054	19.3	0.00002	0.000316
2069 Oct	64	0.0795	0.0519	0.00173	15.1	0.033	6.95	0.00101	0.00101	0.00000506	0.00726	0.00127	0.0167	0.0218	0.00000522	18.3	0.000019	0.0003
2069 Nov	63.9	0.0811	0.0523	0.00174	15.1	0.0333	6.99	0.00101	0.00101	0.00000505	0.00728	0.00126	0.0168	0.0217	0.00000521	18.3	0.0000189	0.000298
2069 Dec	63.9	0.0812	0.0524	0.00174	15.1	0.0334	7	0.00101	0.00101	0.00000506	0.00728	0.00126	0.0168	0.0217	0.00000522	18.3	0.0000189	0.000299
2070 Jan	63.9	0.0812	0.0525	0.00174	15.1	0.0334	7	0.00101	0.00101	0.00000506	0.00728	0.00126	0.0168	0.0217	0.00000522	18.3	0.0000189	0.000299
2070 Feb	63.9	0.0813	0.0525	0.00174	15.1	0.0334	7.01	0.00101	0.00101	0.00000506	0.00728	0.00126	0.0169	0.0217	0.00000522	18.3	0.0000189	0.000299
2070 Mar	64	0.0813	0.0526	0.00174	15.2	0.0334	7.01	0.00101	0.00101	0.00000506	0.00728	0.00126	0.0169	0.0217	0.00000522	18.3	0.0000189	0.000299
2070 Apr	64.2	0.0816	0.0528	0.00175	15.2	0.0335	7.04	0.00101	0.00101	0.00000508	0.00731	0.00127	0.0169	0.0218	0.00000524	18.3	0.0000189	0.0003
2070 May	66.2	0.0821	0.0525	0.00174	15.7	0.0332	7.15	0.00102	0.00102	0.00000512	0.00734	0.00131	0.0168	0.0229	0.00000528	19.2	0.0000192	0.00031
2070 Jun	68.2	0.0786	0.0508	0.00166	16.1	0.0303	7.16	0.000989	0.000989	0.00000496	0.00704	0.00134	0.0158	0.0248	0.00000511	20.6	0.0000193	0.000325
2070 Jul	69.9	0.0796	0.0517	0.00171	16.5	0.0314	7.3	0.00103	0.00103	0.00000516	0.0073	0.00138	0.0163	0.0254	0.00000531	21.1	0.00002	0.000333
2070 Aug	71.3	0.0807	0.0522	0.00175	16.8	0.0326	7.44	0.00106	0.00106	0.00000532	0.00748	0.00142	0.0166	0.0259	0.00000547	21.5	0.0000203	0.000339
2070 Sep	69.2	0.0823	0.0503	0.0017	16.4	0.0331	7.28	0.00104	0.00104	0.00000521	0.00741	0.00138	0.0164	0.0249	0.00000536	20.8	0.0000195	0.000326
2070 Oct	67.5	0.0854	0.0507	0.0017	16.1	0.0337	7.28	0.00102	0.00102	0.0000051	0.00734	0.00134	0.0165	0.0239	0.00000525	20	0.0000189	0.000315
2070 Nov	67.5	0.086	0.0511	0.00171	16.2	0.0339	7.3	0.00102	0.00102	0.0000051	0.00734	0.00133	0.0166	0.0238	0.00000525	20	0.0000189	0.000314
2070 Dec	67.6	0.0861	0.0511	0.00171	16.2	0.0339	7.31	0.00102	0.00102	0.0000051	0.00734	0.00133	0.0166	0.0238	0.00000525	20	0.0000189	0.000314
2071 Jan	67.6	0.0861	0.0512	0.00171	16.2	0.0339	7.31	0.00102	0.00102	0.0000051	0.00734	0.00133	0.0166	0.0238	0.00000525	20	0.0000189	0.000314
2071 Feb	67.6	0.0861	0.0512	0.00171	16.2	0.0339	7.31	0.00102	0.00102	0.0000051	0.00734	0.00133	0.0166	0.0238	0.00000525	20	0.0000189	0.000315
2071 Mar	67.6	0.0861	0.0512	0.00171	16.2	0.0339	7.31	0.00102	0.00102	0.0000051	0.00734	0.00133	0.0166	0.0238	0.00000525	20	0.0000189	0.000315
2071 Apr	67.7	0.0863	0.0513	0.00171	16.2	0.034	7.33	0.00102	0.00102	0.00000511	0.00735	0.00134	0.0166	0.0238	0.00000526	20	0.0000189	0.000315
2071 May	69.2	0.0859	0.0507	0.00169	16.6	0.0332	7.39	0.00102	0.00102	0.0000051	0.00731	0.00137	0.0163	0.0249	0.00000525	20.8	0.0000191	0.000324
2071 Jun	68.8	0.079	0.0497	0.00161	16.3	0.0295	7.2	0.000967	0.000967	0.00000485	0.00688	0.00135	0.0154	0.0255	0.00000499	21.1	0.000019	0.000328
2071 Jul	69.2	0.0787	0.051	0.00166	16.4	0.0301	7.26	0.00099	0.00099	0.00000497	0.00704	0.00136	0.0158	0.0254	0.00000512	21	0.0000195	0.000331
2071 Aug	71.2	0.0807	0.052	0.0017	16.8	0.0314	7.45	0.00103	0.00103	0.00000514	0.00726	0.0014	0.0163	0.0261	0.0000053	21.6	0.0000199	0.000339
2071 Sep	69.3	0.0801	0.0493	0.00166	16.4	0.0319	7.24	0.00101	0.00101	0.00000509	0.00718	0.00137	0.016	0.0252	0.00000523	21	0.0000191	0.000329
2071 Oct	68.4	0.082	0.05	0.00166	16.3	0.0323	7.27	0.001	0.001	0.00000503	0.00715	0.00135	0.0162	0.0247	0.00000518	20.6	0.0000188	0.000323
2071 Nov	68.1	0.0833	0.05	0.00166	16.3	0.0326	7.28	0.001	0.001	0.00000502	0.00717	0.00134	0.0162	0.0244	0.00000517	20.4	0.0000187	0.00032
2071 Dec	68.1	0.0834	0.05	0.00167	16.3	0.0327	7.28	0.001	0.001	0.00000502	0.00717	0.00134	0.0162	0.0244	0.00000517	20.4	0.0000187	0.00032
2072 Jan	68.2	0.0834	0.05	0.00167	16.3	0.0327	7.28	0.001	0.001	0.00000502	0.00717	0.00134	0.0162	0.0244	0.00000517	20.4	0.0000187	0.00032
2072 Feb	68.2	0.0834	0.05	0.00167	16.3	0.0327	7.28	0.001	0.001	0.00000502	0.00717	0.00134	0.0162	0.0244	0.00000518	20.4	0.0000187	0.00032
2072 Mar	68.2	0.0834	0.05	0.00167	16.3	0.0327	7.28	0.001	0.001	0.00000503	0.00717	0.00134	0.0162	0.0245	0.00000518	20.4	0.0000187	0.00032
2072 Apr	68.3	0.0836	0.0502	0.00167	16.3	0.0328	7.3	0.001	0.001	0.00000504	0.00719	0.00135	0.0163	0.0245	0.00000519	20.5	0.0000188	0.000321
2072 May	69.3	0.0848	0.0509	0.00169	16.5	0.0332	7.4	0.00102	0.00102	0.00000511	0.00729	0.00137	0.0165	0.0249	0.00000526	20.8	0.000019	0.000326
2072 Jun	63.6	0.0731	0.0459	0.00161	14.8	0.0309	6.61	0.001	0.001	0.00000503	0.00723	0.00127	0.0157	0.0224	0.00000517	18.8	0.0000195	0.000304
2072 Jul	62.8	0.0704	0.0458	0.00163	14.5	0.0313	6.52	0.00102	0.00102	0.00000511	0.00728	0.00127	0.0158	0.0219	0.00000525	18.3	0.0000195	0.0003
2072 Aug	61.8	0.07	0.0458	0.00163	14.4	0.0326	6.51	0.00102	0.00102	0.0000051	0.00712	0.00125	0.0161	0.0213	0.00000524	17.9	0.0000183	0.000293
2072 Sep	60.8	0.0712	0.0457	0.00163	14.3	0.0336	6.5	0.00101	0.00101	0.00000504	0.00701	0.00123	0.0163	0.0206	0.00000519	17.5	0.0000174	0.000286
2072 Oct	59.8	0.0758	0.0471	0.00164	14.2	0.0341	6.6	0.000981	0.000981	0.00000492	0.00695	0.0012	0.0165	0.0199	0.00000507	17	0.0000169	0.000278
2072 Nov	59.8	0.0768	0.0474	0.00164	14.2	0.0343	6.63	0.000979	0.000979	0.00000491	0.00696	0.0012	0.0166	0.0198	0.00000507	16.9	0.0000169	0.000277
2072 Dec	59.8	0.0768	0.0474	0.00164	14.2	0.0343	6.64	0.000979	0.000979	0.00000491	0.00696	0.0012	0.0166	0.0198	0.00000507	16.9	0.0000169	0.000277
2073 Jan	59.8	0.0768	0.0475	0.00165	14.2	0.0343	6.64	0.000979	0.000979	0.00000491	0.00696	0.0012	0.0166	0.0198	0.00000507	16.9	0.0000169	0.000277
2073 Feb	59.9	0.0768	0.0475	0.00165	14.2	0.0343	6.64	0.000979	0.000979	0.00000491	0.00696	0.0012	0.0166	0.0198	0.00000507	16.9	0.0000169	0.000277
2073 Mar	59.9	0.0768	0.0475	0.00165	14.2	0.0343	6.64	0.00098	0.00098	0.00000492	0.00696	0.0012	0.0166	0.0198	0.00000507	16.9	0.0000169	0.000277
2073 Apr	60.2	0.0773	0.0478	0.00166	14.3	0.0345	6.68	0.000985	0.000985	0.00000495	0.007	0.0012	0.0167	0.02	0.0000051	17	0.000017	0.000279
2073 May	63.7	0.0796	0.0506	0.00169	15.2	0.0339	7.05	0.000988	0.000988	0.00000496	0.00698	0.00126	0.0169	0.0217	0.00000512	18.4	0.0000175	0.000297
2073 Jun	66.4	0.0766	0.0504	0.00163	15.8	0.0307	7.13	0.000961	0.000961	0.00000482	0.00674	0.0013	0.016	0.0239	0.00000498	19.9	0.000018	0.000316
2073 Jul	67.3	0.0772	0.0519	0.00168	16	0.0315	7.26	0.000985	0.000985	0.00000494	0.00688	0.00132	0.0165	0.024	0.00000511	20	0.0000183	0.00032

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2073 Aug	68.5	0.078	0.0522	0.00171	16.3	0.0327	7.37	0.00101	0.00101	0.00000509	0.00704	0.00136	0.0168	0.0245	0.00000525	20.4	0.0000185	0.000324
2073 Sep	67.5	0.0785	0.0508	0.00169	16.1	0.0331	7.28	0.00101	0.00101	0.00000506	0.00702	0.00134	0.0167	0.024	0.00000522	20.1	0.0000181	0.000318
2073 Oct	66.2	0.0818	0.0516	0.0017	15.9	0.0337	7.3	0.000989	0.000989	0.00000497	0.00697	0.0013	0.0168	0.0231	0.00000513	19.4	0.0000176	0.000309
2073 Nov	66	0.0827	0.052	0.0017	15.9	0.0339	7.33	0.000986	0.000986	0.00000495	0.00697	0.0013	0.0169	0.0229	0.00000512	19.3	0.0000176	0.000307
2073 Dec	66	0.0827	0.0521	0.0017	15.9	0.0339	7.33	0.000986	0.000986	0.00000495	0.00697	0.0013	0.0169	0.023	0.00000512	19.3	0.0000176	0.000307
2074 Jan	66	0.0828	0.0521	0.0017	15.9	0.0339	7.34	0.000986	0.000986	0.00000495	0.00697	0.0013	0.0169	0.023	0.00000512	19.3	0.0000176	0.000307
2074 Feb	66	0.0828	0.0521	0.0017	15.9	0.0339	7.34	0.000986	0.000986	0.00000495	0.00697	0.0013	0.0169	0.023	0.00000512	19.3	0.0000176	0.000307
2074 Mar	66.1	0.0828	0.0521	0.0017	15.9	0.0339	7.34	0.000987	0.000987	0.00000495	0.00698	0.0013	0.017	0.023	0.00000512	19.3	0.0000176	0.000307
2074 Apr	66.4	0.0832	0.0524	0.00171	15.9	0.0341	7.38	0.000992	0.000992	0.00000498	0.00701	0.00131	0.017	0.0231	0.00000515	19.4	0.0000177	0.000309
2074 May	70.2	0.0853	0.0553	0.00174	16.9	0.0332	7.76	0.000993	0.000993	0.00000498	0.00697	0.00137	0.0172	0.0251	0.00000516	20.9	0.0000182	0.000329
2074 Jun	71.4	0.0811	0.0557	0.00168	17.1	0.0294	7.77	0.000941	0.000941	0.00000472	0.00655	0.00137	0.0163	0.0264	0.0000049	21.8	0.0000182	0.000341
2074 Jul	73.5	0.083	0.0576	0.00175	17.6	0.0306	8	0.000981	0.000981	0.00000493	0.00683	0.00142	0.017	0.0271	0.00000511	22.3	0.000019	0.000351
2074 Aug	76.6	0.0864	0.0598	0.00182	18.3	0.0322	8.33	0.00103	0.00103	0.00000516	0.00713	0.00148	0.0177	0.0282	0.00000535	23.2	0.0000197	0.000365
2074 Sep	74.1	0.0861	0.0564	0.00176	17.8	0.0326	8.06	0.00101	0.00101	0.00000509	0.00708	0.00144	0.0173	0.0272	0.00000527	22.5	0.000019	0.000352
2074 Oct	73	0.0887	0.057	0.00177	17.6	0.0333	8.08	0.001	0.001	0.00000504	0.00707	0.00141	0.0175	0.0264	0.00000522	21.9	0.0000187	0.000344
2074 Nov	73.4	0.0899	0.0587	0.0018	17.7	0.0335	8.19	0.001	0.001	0.00000504	0.00708	0.00141	0.0178	0.0263	0.00000523	21.9	0.0000187	0.000345
2074 Dec	73.4	0.0901	0.0589	0.00181	17.7	0.0336	8.21	0.001	0.001	0.00000504	0.00708	0.00141	0.0179	0.0263	0.00000523	21.9	0.0000187	0.000345
2075 Jan	73.4	0.0901	0.059	0.00181	17.8	0.0336	8.21	0.001	0.001	0.00000504	0.00708	0.00141	0.0179	0.0263	0.00000523	21.9	0.0000187	0.000345
2075 Feb	73.5	0.0901	0.059	0.00181	17.8	0.0336	8.22	0.001	0.001	0.00000504	0.00708	0.00141	0.0179	0.0263	0.00000523	21.9	0.0000187	0.000345
2075 Mar	73.5	0.0902	0.0591	0.00181	17.8	0.0336	8.22	0.001	0.001	0.00000504	0.00709	0.00142	0.0179	0.0264	0.00000524	21.9	0.0000187	0.000346
2075 Apr	73.9	0.0909	0.0599	0.00183	17.9	0.0338	8.3	0.00101	0.00101	0.00000506	0.00712	0.00142	0.0181	0.0265	0.00000526	22	0.0000188	0.000348
2075 May	75.5	0.0926	0.0617	0.00186	18.3	0.0341	8.49	0.00102	0.00102	0.00000512	0.00718	0.00145	0.0184	0.0271	0.00000532	22.5	0.0000191	0.000355
2075 Jun	65.8	0.0756	0.0548	0.00173	15.4	0.0305	7.26	0.000976	0.000976	0.0000049	0.00696	0.00128	0.0172	0.0227	0.00000508	18.9	0.0000192	0.000316
2075 Jul	63.7	0.0713	0.0543	0.00174	14.7	0.0302	7.03	0.000985	0.000985	0.00000494	0.00702	0.00124	0.0173	0.0215	0.00000513	18	0.0000196	0.000307
2075 Aug	64.5	0.0717	0.0542	0.00176	14.9	0.0313	7.09	0.00101	0.00101	0.00000506	0.00714	0.00127	0.0175	0.0218	0.00000524	18.2	0.0000196	0.00031
2075 Sep	64.9	0.0727	0.0539	0.00177	15	0.0318	7.12	0.00102	0.00102	0.00000511	0.00721	0.00128	0.0176	0.0219	0.00000529	18.4	0.0000197	0.000311
2075 Oct	64.2	0.0737	0.0523	0.00174	14.9	0.0321	7.05	0.00101	0.00101	0.00000509	0.00722	0.00127	0.0174	0.0217	0.00000526	18.2	0.0000195	0.000307
2075 Nov	64.4	0.0744	0.0527	0.00175	15	0.0323	7.09	0.00102	0.00102	0.0000051	0.00724	0.00127	0.0175	0.0217	0.00000527	18.2	0.0000195	0.000307
2075 Dec	64.4	0.0745	0.0528	0.00175	15	0.0323	7.09	0.00102	0.00102	0.0000051	0.00725	0.00127	0.0175	0.0217	0.00000527	18.2	0.0000195	0.000307
2076 Jan	64.4	0.0745	0.0528	0.00175	15	0.0323	7.09	0.00102	0.00102	0.0000051	0.00725	0.00127	0.0175	0.0217	0.00000528	18.2	0.0000195	0.000307
2076 Feb	64.4	0.0745	0.0528	0.00175	15	0.0323	7.1	0.00102	0.00102	0.0000051	0.00725	0.00127	0.0175	0.0217	0.00000528	18.2	0.0000195	0.000307
2076 Mar	64.5	0.0746	0.0529	0.00175	15	0.0324	7.1	0.00102	0.00102	0.00000511	0.00725	0.00127	0.0175	0.0218	0.00000528	18.3	0.0000195	0.000308
2076 Apr	64.7	0.0748	0.053	0.00176	15	0.0325	7.12	0.00102	0.00102	0.00000512	0.00727	0.00128	0.0176	0.0218	0.0000053	18.3	0.0000196	0.000309
2076 May	66.7	0.0754	0.0523	0.00174	15.5	0.0321	7.22	0.00103	0.00103	0.00000516	0.00731	0.00132	0.0173	0.0231	0.00000533	19.3	0.0000198	0.000319
2076 Jun	67.6	0.0716	0.05	0.00163	15.8	0.0286	7.12	0.000974	0.000974	0.00000489	0.00686	0.00133	0.016	0.0246	0.00000504	20.3	0.0000195	0.000328
2076 Jul	68.4	0.0722	0.0519	0.00168	15.9	0.0294	7.26	0.000997	0.000997	0.000005	0.00702	0.00134	0.0165	0.0246	0.00000517	20.4	0.0000199	0.000332
2076 Aug	70.6	0.0743	0.053	0.00173	16.4	0.0308	7.47	0.00104	0.00104	0.0000052	0.00726	0.00139	0.0171	0.0254	0.00000537	21	0.0000204	0.000342
2076 Sep	70.9	0.0754	0.0526	0.00174	16.5	0.0314	7.5	0.00105	0.00105	0.00000525	0.00734	0.0014	0.0171	0.0255	0.00000542	21.1	0.0000205	0.000342
2076 Oct	69.1	0.0766	0.0506	0.00169	16.2	0.0317	7.34	0.00103	0.00103	0.00000516	0.00728	0.00137	0.0168	0.0247	0.00000532	20.5	0.0000199	0.000331
2076 Nov	68.9	0.0773	0.0508	0.0017	16.1	0.0318	7.35	0.00102	0.00102	0.00000514	0.00728	0.00136	0.0169	0.0246	0.00000531	20.4	0.0000198	0.00033
2076 Dec	68.9	0.0774	0.0508	0.0017	16.2	0.0318	7.36	0.00103	0.00103	0.00000515	0.00728	0.00136	0.0169	0.0246	0.00000531	20.5	0.0000198	0.00033
2077 Jan	68.9	0.0774	0.0509	0.0017	16.2	0.0318	7.36	0.00103	0.00103	0.00000515	0.00728	0.00136	0.0169	0.0246	0.00000531	20.5	0.0000198	0.00033
2077 Feb	68.9	0.0774	0.0509	0.0017	16.2	0.0319	7.36	0.00103	0.00103	0.00000515	0.00728	0.00136	0.0169	0.0246	0.00000531	20.5	0.0000198	0.00033
2077 Mar	69	0.0775	0.0509	0.0017	16.2	0.0319	7.36	0.00103	0.00103	0.00000515	0.00729	0.00136	0.0169	0.0246	0.00000531	20.5	0.0000198	0.00033
2077 Apr	69.2	0.0777	0.0511	0.0017	16.2	0.032	7.39	0.00103	0.00103	0.00000516	0.00731	0.00137	0.0169	0.0247	0.00000533	20.5	0.0000199	0.000331
2077 May	70.7	0.0783	0.0511	0.0017	16.6	0.0317	7.49	0.00103	0.00103	0.00000518	0.00732	0.00139	0.0168	0.0255	0.00000535	21.2	0.0000201	0.000339
2077 Jun	70.2	0.0743	0.0505	0.00163	16.5	0.0287	7.38	0.000981	0.000981	0.00000492	0.0069	0.00138	0.016	0.026	0.00000508	21.4	0.0000197	0.000341
2077 Jul	71.9	0.0751	0.0516	0.00168	16.8	0.0297	7.51	0.00102	0.00102	0.00000513	0.0072	0.00141	0.0166	0.0265	0.00000529	21.8	0.0000206	0.000349
2077 Aug	74.3	0.0775	0.0529	0.00174	17.3	0.0311	7.75	0.00106	0.00106	0.00000533	0.00746	0.00146	0.0171	0.0273	0.0000055	22.5	0.0000211	0.00036
2077 Sep	70.8	0.0776	0.0498	0.00167	16.6	0.0317	7.46	0.00103	0.00103	0.00000518	0.00727	0.0014	0.0167	0.0258	0.00000533	21.4	0.0000198	0.00034
2077 Oct	70.3	0.0802	0.0506	0.00169	16.6	0.0324	7.52	0.00103	0.00103	0.00000515	0.00728	0.00138	0.0169	0.0253	0.00000531	21.1	0.0000196	0.000336
2077 Nov	70.5	0.0806	0.051	0.0017	16.7	0.0325	7.56	0.00103	0.00103	0.00000516	0.0073	0.00139	0.017	0.0253	0.00000532	21.1	0.0000196	0.000337
2077 Dec	70.6	0.0806	0.051	0.0017	16.7	0.0325	7.56	0.00103	0.00103	0.00000516	0.0073	0.00139	0.017	0.0253	0.00000532	21.1	0.0000196	0.000337
2078 Jan	70.6	0.0806	0.051	0.0017	16.7	0.0325	7.56	0.00103	0.00103	0.00000516	0.0073	0.00139	0.017	0.0254	0.00000533	21.1	0.0000197	0.000337
2078 Feb	70.6	0.0806	0.051	0.0017	16.7	0.0325	7.56	0.00103	0.00103	0.00000516	0.0073	0.00139	0.0171	0.0254	0.00000533	21.1	0.0000197	0.000337
2078 Mar	70.6	0.0806	0.051	0.0017	16.7	0.0325	7.56	0.00103	0.00103	0.00000516	0.00731	0.00139	0.0171	0.0254	0.00000533	21.1	0.0000197	0.000337
2078 Apr	71	0.0811	0.0513	0.00171	16.8	0.0327	7.61	0.00103	0.00103	0.00000519	0.00735	0.0014	0.0172	0.0255	0.00000536	21.2	0.0000198	0.000339
2078 May	74.3	0.082	0.0523	0.00169	17.6	0.0313	7.86	0.00102	0.00102	0.00000513	0.0072	0.00145	0.0168	0.0275	0.0000053	22.8	0.0000199	0.000357
2078 Jun	74.3	0.0792	0.053	0.00164	17.6	0.0285	7.86	0.000967	0.000967	0.00000485	0.00675	0.00144	0.0161	0.0281	0.00000502	23.1	0.0000194	0.00036
2078 Jul	76.5	0.081	0.0545	0.0017	18.1	0.0298	8.09	0.00101	0.00101	0.00000506	0.00702	0.00149	0.0167	0.0289	0.00000523	23.7	0.0000201	0.00037
2078 Aug	76.7	0.0805	0.0538	0.00171	18.2	0.0309	8.09	0.00103	0.00103	0.00000517	0.0071	0.0015	0.0168	0.029	0.00000534	23.8	0.00002	0.000369
2078 Sep	76.5	0.081	0.0529	0.0017	18.2	0.0316	8.05	0.00104	0.00104	0.00000521	0.00716	0.00151	0.0168	0.0289	0.00000538	23.7	0.0000198	0.000367
2078 Oct	75.7	0.0824	0.0532	0.00171	18	0.0319	8.05	0.00103	0.00103	0.00000517	0.00714	0.00149	0.017	0.0283	0.00000534	23.4	0.0000196	0.000362
2078 Nov	75.8	0.0833	0.054	0.00172	18.1	0.0321	8.11	0.00103	0.00103	0.00000517	0.00715	0.00148	0.0171	0.0283	0.00000535	23.3	0.0000196	0.000362
2078 Dec	75.9	0.0833	0.0541	0.00173	18.1	0.0322	8.12	0.00103	0.00103	0.00000517	0.00716	0.00149	0.0172	0.0283	0.00000535	23.3	0.0000196	0.000362
2079 Jan	75.9	0.0834	0.0541	0.00173	18.1	0.0322	8.12	0.00103	0.00103	0.00000517	0.00716	0.00149	0.0172	0.0283	0.00000535	23.3	0.0000196	0.000362
2079 Feb	75.9	0.0834	0.0541	0.00173	18.1	0.0322	8.13	0.00103	0.00103	0.00000517	0.00716	0.00149	0.0172	0.0283	0.00000535	23.3	0.0000196	0.000362
2079 Mar	75.9	0.0834	0.0542	0.00173	18.1	0.0322	8.13	0.00103	0.00103	0.00000518	0.00716	0.00149	0.0172	0.0283	0.00000535	23.3	0.0000196	0.000363

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2079 Apr	76.2	0.0837	0.0543	0.00173	18.2	0.0323	8.16	0.00103	0.00103	0.00000519	0.00718	0.00149	0.0172	0.0284	0.00000537	23.4	0.0000197	0.000364
2079 May	77.3	0.0847	0.0548	0.00175	18.4	0.0326	8.26	0.00105	0.00105	0.00000526	0.00727	0.00151	0.0174	0.0288	0.00000544	23.8	0.0000199	0.000369
2079 Jun	69.1	0.0713	0.0496	0.00162	16.1	0.0288	7.26	0.000985	0.000985	0.00000494	0.0069	0.00136	0.0161	0.0254	0.0000051	20.9	0.0000197	0.000336
2079 Jul	67.7	0.0688	0.0497	0.00164	15.7	0.029	7.14	0.000996	0.000996	0.000005	0.00698	0.00134	0.0163	0.0245	0.00000516	20.2	0.0000199	0.00033
2079 Aug	69.2	0.0699	0.0502	0.00168	16	0.0303	7.28	0.00103	0.00103	0.00000517	0.00717	0.00138	0.0167	0.025	0.00000533	20.7	0.0000202	0.000336
2079 Sep	68.1	0.0716	0.049	0.00166	15.8	0.031	7.21	0.00102	0.00102	0.00000513	0.00716	0.00136	0.0166	0.0245	0.00000529	20.3	0.0000197	0.000328
2079 Oct	67.5	0.0745	0.0499	0.00167	15.8	0.0316	7.28	0.00101	0.00101	0.00000508	0.00715	0.00134	0.0169	0.0239	0.00000525	19.9	0.0000194	0.000323
2079 Nov	67.4	0.076	0.0504	0.00168	15.8	0.0319	7.33	0.00101	0.00101	0.00000506	0.00715	0.00133	0.017	0.0237	0.00000523	19.8	0.0000193	0.000321
2079 Dec	67.2	0.0767	0.0504	0.00168	15.8	0.0321	7.33	0.00101	0.00101	0.00000505	0.00715	0.00133	0.017	0.0236	0.00000522	19.7	0.0000192	0.00032
2080 Jan	67.2	0.0767	0.0505	0.00168	15.8	0.0321	7.34	0.00101	0.00101	0.00000505	0.00715	0.00133	0.017	0.0236	0.00000522	19.7	0.0000192	0.00032
2080 Feb	67.2	0.0767	0.0505	0.00168	15.8	0.0321	7.34	0.00101	0.00101	0.00000505	0.00715	0.00133	0.017	0.0236	0.00000522	19.7	0.0000192	0.00032
2080 Mar	67.2	0.0767	0.0505	0.00168	15.8	0.0321	7.34	0.00101	0.00101	0.00000505	0.00715	0.00133	0.017	0.0236	0.00000522	19.7	0.0000192	0.00032
2080 Apr	67.3	0.0769	0.0506	0.00169	15.8	0.0322	7.35	0.00101	0.00101	0.00000506	0.00717	0.00133	0.0171	0.0237	0.00000523	19.7	0.0000193	0.00032
2080 May	68.3	0.078	0.0513	0.00171	16	0.0327	7.46	0.00102	0.00102	0.00000513	0.00727	0.00135	0.0173	0.024	0.00000531	20	0.0000195	0.000325
2080 Jun	62.5	0.0673	0.0468	0.00162	14.3	0.0303	6.68	0.000998	0.000998	0.00000501	0.00715	0.00125	0.0165	0.0215	0.00000517	17.9	0.0000197	0.000302
2080 Jul	60.3	0.0629	0.0456	0.00162	13.6	0.03	6.42	0.001	0.001	0.00000502	0.00714	0.00122	0.0163	0.0204	0.00000518	17.1	0.0000197	0.000292
2080 Aug	60.7	0.0627	0.0452	0.00163	13.8	0.0311	6.45	0.00102	0.00102	0.00000513	0.00721	0.00124	0.0165	0.0206	0.00000528	17.2	0.0000196	0.000292
2080 Sep	60.3	0.0644	0.0452	0.00163	13.8	0.0319	6.48	0.00102	0.00102	0.0000051	0.00715	0.00123	0.0166	0.0203	0.00000526	17	0.000019	0.000289
2080 Oct	60.3	0.0676	0.0463	0.00165	13.9	0.0326	6.6	0.00101	0.00101	0.00000507	0.00716	0.00122	0.0169	0.02	0.00000523	16.9	0.0000187	0.000286
2080 Nov	60.2	0.0696	0.0468	0.00165	13.9	0.0329	6.66	0.001	0.001	0.00000504	0.00716	0.00121	0.017	0.0199	0.0000052	16.8	0.0000186	0.000285
2080 Dec	60.2	0.0697	0.0468	0.00165	13.9	0.033	6.67	0.001	0.001	0.00000504	0.00716	0.00121	0.017	0.0199	0.0000052	16.8	0.0000186	0.000285
2081 Jan	60.2	0.0698	0.0468	0.00165	13.9	0.033	6.67	0.001	0.001	0.00000504	0.00716	0.00121	0.017	0.0199	0.00000521	16.8	0.0000186	0.000285
2081 Feb	60.2	0.0698	0.0468	0.00165	13.9	0.033	6.67	0.001	0.001	0.00000504	0.00716	0.00121	0.017	0.0199	0.00000521	16.8	0.0000186	0.000285
2081 Mar	60.2	0.0698	0.0469	0.00165	13.9	0.033	6.67	0.001	0.001	0.00000504	0.00716	0.00121	0.017	0.0199	0.00000521	16.8	0.0000186	0.000285
2081 Apr	60.4	0.07	0.047	0.00166	14	0.0331	6.69	0.00101	0.00101	0.00000506	0.00719	0.00122	0.0171	0.0199	0.00000522	16.9	0.0000186	0.000286
2081 May	64	0.0709	0.046	0.00162	14.8	0.0321	6.86	0.00101	0.00101	0.00000507	0.00716	0.00128	0.0165	0.0222	0.00000523	18.6	0.000019	0.000305
2081 Jun	66.2	0.0706	0.0468	0.00159	15.4	0.03	7.03	0.000982	0.000982	0.00000493	0.00691	0.00132	0.016	0.0239	0.00000508	19.8	0.000019	0.000318
2081 Jul	69.2	0.0737	0.0492	0.00167	16.1	0.0314	7.35	0.00103	0.00103	0.00000517	0.00726	0.00138	0.0169	0.0249	0.00000534	20.6	0.00002	0.000333
2081 Aug	72.3	0.0768	0.0511	0.00174	16.8	0.0331	7.67	0.00108	0.00108	0.00000542	0.00759	0.00144	0.0176	0.026	0.00000559	21.5	0.0000208	0.000347
2081 Sep	71.4	0.0769	0.0493	0.00172	16.7	0.0336	7.56	0.00108	0.00108	0.00000541	0.00757	0.00143	0.0174	0.0256	0.00000558	21.3	0.0000203	0.000342
2081 Oct	70.9	0.0777	0.0483	0.0017	16.6	0.0338	7.5	0.00108	0.00108	0.0000054	0.00759	0.00142	0.0173	0.0254	0.00000556	21.2	0.0000202	0.000339
2081 Nov	70	0.0778	0.047	0.00167	16.4	0.0338	7.39	0.00107	0.00107	0.00000535	0.00755	0.0014	0.0171	0.025	0.00000551	20.9	0.00002	0.000333
2081 Dec	69.9	0.0779	0.0469	0.00167	16.4	0.0339	7.39	0.00107	0.00107	0.00000535	0.00756	0.0014	0.017	0.025	0.00000551	20.9	0.0000199	0.000333
2082 Jan	69.9	0.0779	0.0469	0.00167	16.4	0.0339	7.39	0.00107	0.00107	0.00000535	0.00756	0.0014	0.017	0.025	0.00000551	20.9	0.0000199	0.000333
2082 Feb	69.9	0.0779	0.047	0.00167	16.4	0.0339	7.39	0.00107	0.00107	0.00000535	0.00756	0.0014	0.0171	0.025	0.00000551	20.9	0.0000199	0.000333
2082 Mar	70	0.078	0.047	0.00167	16.4	0.0339	7.39	0.00107	0.00107	0.00000536	0.00756	0.0014	0.0171	0.025	0.00000551	20.9	0.00002	0.000333
2082 Apr	70.1	0.0782	0.0471	0.00168	16.4	0.034	7.41	0.00107	0.00107	0.00000537	0.00758	0.00141	0.0171	0.0251	0.00000553	21	0.00002	0.000334
2082 May	71.1	0.0794	0.0481	0.0017	16.6	0.0344	7.53	0.00108	0.00108	0.00000544	0.00767	0.00142	0.0174	0.0254	0.0000056	21.2	0.0000203	0.000338
2082 Jun	62.4	0.0659	0.0459	0.00163	14.2	0.0307	6.63	0.00102	0.00102	0.00000511	0.00729	0.00125	0.0167	0.0212	0.00000527	17.8	0.0000201	0.000303
2082 Jul	58.9	0.0602	0.0461	0.00163	13.2	0.0297	6.33	0.001	0.001	0.00000503	0.00718	0.00118	0.0168	0.0194	0.00000519	16.2	0.0000201	0.000288
2082 Aug	60.4	0.0616	0.0466	0.00167	13.5	0.031	6.47	0.00103	0.00103	0.00000519	0.00737	0.00122	0.0172	0.0199	0.00000536	16.7	0.0000204	0.000294
2082 Sep	60.7	0.0627	0.046	0.00167	13.6	0.0317	6.49	0.00104	0.00104	0.00000524	0.00744	0.00123	0.0172	0.02	0.0000054	16.8	0.0000203	0.000295
2082 Oct	59.1	0.0651	0.0442	0.00162	13.4	0.0319	6.38	0.00102	0.00102	0.0000051	0.00732	0.00119	0.0168	0.0194	0.00000526	16.4	0.0000196	0.000284
2082 Nov	59.3	0.0656	0.0446	0.00163	13.4	0.032	6.42	0.00102	0.00102	0.00000511	0.00734	0.0012	0.0169	0.0194	0.00000527	16.4	0.0000196	0.000285
2082 Dec	59.3	0.0657	0.0447	0.00163	13.4	0.032	6.43	0.00102	0.00102	0.00000511	0.00734	0.0012	0.0169	0.0194	0.00000527	16.4	0.0000196	0.000285
2083 Jan	59.4	0.0657	0.0447	0.00163	13.5	0.032	6.43	0.00102	0.00102	0.00000511	0.00734	0.0012	0.017	0.0194	0.00000527	16.4	0.0000196	0.000285
2083 Feb	59.4	0.0657	0.0447	0.00163	13.5	0.0321	6.43	0.00102	0.00102	0.00000512	0.00735	0.0012	0.017	0.0194	0.00000527	16.4	0.0000196	0.000285
2083 Mar	59.4	0.0658	0.0448	0.00163	13.5	0.0321	6.43	0.00102	0.00102	0.00000512	0.00735	0.0012	0.017	0.0194	0.00000528	16.4	0.0000196	0.000285
2083 Apr	59.6	0.066	0.0449	0.00164	13.5	0.0322	6.46	0.00102	0.00102	0.00000514	0.00738	0.0012	0.017	0.0195	0.0000053	16.5	0.0000197	0.000287
2083 May	63.6	0.0696	0.0484	0.00169	14.6	0.032	6.92	0.00103	0.00103	0.00000516	0.00736	0.00127	0.0174	0.0214	0.00000533	18	0.00002	0.000306
2083 Jun	66.3	0.0689	0.0489	0.00161	15.3	0.0287	7.11	0.000972	0.000972	0.00000488	0.00689	0.0013	0.0164	0.0237	0.00000505	19.6	0.0000196	0.000323
2083 Jul	66.9	0.0691	0.0503	0.00166	15.4	0.0296	7.22	0.000995	0.000995	0.000005	0.00702	0.00132	0.0169	0.0237	0.00000517	19.6	0.0000199	0.000325
2083 Aug	66.1	0.0669	0.0484	0.00165	15.3	0.0308	7.1	0.00101	0.00101	0.00000508	0.00702	0.00133	0.0167	0.0235	0.00000525	19.4	0.0000194	0.000318
2083 Sep	65.6	0.0701	0.0488	0.00166	15.2	0.0316	7.15	0.00101	0.00101	0.00000505	0.00703	0.00131	0.0169	0.023	0.00000522	19.1	0.000019	0.000313
2083 Oct	64.3	0.0751	0.0498	0.00166	15.1	0.0326	7.24	0.000981	0.000981	0.00000493	0.00698	0.00127	0.0172	0.022	0.00000511	18.4	0.0000183	0.000303
2083 Nov	64.1	0.0768	0.0507	0.00168	15.1	0.0329	7.31	0.000975	0.000975	0.0000049	0.00696	0.00126	0.0174	0.0218	0.00000508	18.2	0.0000182	0.000301
2083 Dec	64.2	0.077	0.051	0.00168	15.1	0.0329	7.33	0.000975	0.000975	0.0000049	0.00697	0.00126	0.0175	0.0218	0.00000509	18.2	0.0000182	0.000301
2084 Jan	64.2	0.077	0.051	0.00168	15.1	0.0329	7.33	0.000975	0.000975	0.0000049	0.00697	0.00126	0.0175	0.0218	0.00000509	18.2	0.0000182	0.000301
2084 Feb	64.2	0.077	0.051	0.00168	15.1	0.033	7.33	0.000976	0.000976	0.0000049	0.00697	0.00126	0.0175	0.0218	0.00000509	18.2	0.0000182	0.000301
2084 Mar	64.2	0.0771	0.051	0.00168	15.1	0.033	7.34	0.000976	0.000976	0.0000049	0.00697	0.00126	0.0175	0.0218	0.00000509	18.2	0.0000182	0.000301
2084 Apr	64.6	0.0775	0.0513	0.00169	15.2	0.0332	7.38	0.000982	0.000982	0.00000493	0.00701	0.00127	0.0176	0.0219	0.00000512	18.3	0.0000183	0.000303
2084 May	68.1	0.0783	0.0508	0.00167	16.1	0.0322	7.57	0.000989	0.000989	0.00000497	0.00701	0.00134	0.0172	0.0241	0.00000515	20	0.0000188	0.000322
2084 Jun	68.9	0.0752	0.0506	0.0016	16.3	0.0292	7.54	0.000942	0.000942	0.00000473	0.00663	0.00134	0.0163	0.0252	0.00000491	20.7	0.0000186	0.000331
2084 Jul	70.1	0.0759	0.0518	0.00165	16.5	0.0301	7.68	0.000973	0.000973	0.00000489	0.00683	0.00137	0.0168	0.0255	0.00000507	21	0.0000191	0.000336
2084 Aug	71.5	0.077	0.0522	0.00168	16.8	0.0313	7.81	0.001	0.001	0.00000503	0.00699	0.0014	0.0172	0.026	0.00000521	21.4	0.0000193	0.000342
2084 Sep	70.5	0.0771	0.051	0.00167	16.7	0.0318	7.71	0.001	0.001	0.00000502	0.00697	0.00139	0.0171	0.0255	0.0000052	21.1	0.0000189	0.000336
2084 Oct	69.5	0.0803	0.0521	0.00168	16.5	0.0325	7.78	0.000984	0.000984	0.00000494	0.00695	0.00136	0.0174	0.0247	0.00000513	20.5	0.0000185	0.000328
2084 Nov	69.1	0.0816	0.0524	0.00169	16.5	0.0328	7.8	0.00098	0.00098	0.00000492	0.00694	0.00135	0.0175	0.0244	0.00000511	20.3	0.0000184	0.000326

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Dec	69.2	0.0817	0.0526	0.00169	16.5	0.0328	7.81	0.00098	0.00098	0.00000492	0.00695	0.00135	0.0176	0.0244	0.00000511	20.3	0.0000184	0.000326
2085 Jan	69.2	0.0817	0.0526	0.00169	16.5	0.0328	7.82	0.00098	0.00098	0.00000492	0.00695	0.00135	0.0176	0.0244	0.00000511	20.3	0.0000184	0.000326
2085 Feb	69.2	0.0817	0.0527	0.00169	16.5	0.0328	7.82	0.00098	0.00098	0.00000492	0.00695	0.00135	0.0176	0.0244	0.00000511	20.3	0.0000184	0.000326
2085 Mar	69.2	0.0817	0.0527	0.00169	16.5	0.0329	7.82	0.000981	0.000981	0.00000493	0.00695	0.00135	0.0176	0.0244	0.00000511	20.3	0.0000184	0.000326
2085 Apr	69.4	0.082	0.0529	0.0017	16.6	0.033	7.85	0.000983	0.000983	0.00000494	0.00697	0.00135	0.0177	0.0245	0.00000513	20.4	0.0000184	0.000327
2085 May	72	0.0825	0.0528	0.00168	17.2	0.0322	8	0.000988	0.000988	0.00000496	0.00697	0.0014	0.0174	0.0261	0.00000515	21.6	0.0000188	0.000342
2085 Jun	73.5	0.0809	0.0523	0.00165	17.5	0.0305	8.02	0.000975	0.000975	0.0000049	0.00684	0.00143	0.0169	0.0273	0.00000508	22.5	0.000019	0.000352
2085 Jul	75.6	0.0824	0.0533	0.0017	18	0.0318	8.22	0.00101	0.00101	0.0000051	0.00709	0.00147	0.0173	0.028	0.00000528	23.1	0.0000196	0.000361
2085 Aug	74.2	0.0807	0.0521	0.00169	17.7	0.0326	8.08	0.00102	0.00102	0.00000511	0.00702	0.00146	0.0173	0.0274	0.00000529	22.6	0.0000189	0.000353
2085 Sep	72.7	0.0831	0.0538	0.00171	17.4	0.0336	8.15	0.001	0.001	0.00000503	0.00694	0.00142	0.0179	0.0262	0.00000522	21.7	0.0000182	0.000343
2085 Oct	71.7	0.0862	0.0556	0.00174	17.3	0.0342	8.25	0.000985	0.000985	0.00000495	0.00691	0.00139	0.0183	0.0253	0.00000515	21.1	0.0000179	0.000336
2085 Nov	71.4	0.088	0.0571	0.00177	17.3	0.0346	8.35	0.000977	0.000977	0.00000491	0.00689	0.00137	0.0186	0.0249	0.00000512	20.8	0.0000177	0.000333
2085 Dec	71.4	0.0881	0.0573	0.00177	17.3	0.0346	8.36	0.000977	0.000977	0.00000491	0.00689	0.00137	0.0187	0.0249	0.00000513	20.8	0.0000177	0.000333
2086 Jan	71.4	0.0881	0.0573	0.00177	17.3	0.0346	8.36	0.000977	0.000977	0.00000491	0.00689	0.00137	0.0187	0.0249	0.00000513	20.8	0.0000177	0.000333
2086 Feb	71.4	0.0881	0.0573	0.00177	17.3	0.0346	8.36	0.000978	0.000978	0.00000491	0.00689	0.00137	0.0187	0.0249	0.00000513	20.8	0.0000177	0.000333
2086 Mar	71.4	0.0882	0.0573	0.00177	17.3	0.0346	8.37	0.000978	0.000978	0.00000491	0.00689	0.00137	0.0187	0.0249	0.00000513	20.8	0.0000177	0.000333
2086 Apr	71.7	0.0885	0.0575	0.00178	17.4	0.0348	8.4	0.000982	0.000982	0.00000493	0.00692	0.00138	0.0188	0.025	0.00000515	20.9	0.0000178	0.000335
2086 May	73.2	0.0892	0.0576	0.00178	17.7	0.0348	8.49	0.000994	0.000994	0.000005	0.007	0.00141	0.0188	0.0258	0.00000521	21.5	0.0000181	0.000342
2086 Jun	70.6	0.0793	0.0535	0.00167	16.8	0.0307	7.93	0.000953	0.000953	0.00000479	0.0067	0.00136	0.0173	0.0254	0.00000498	21	0.0000184	0.000337
2086 Jul	71.1	0.0789	0.055	0.00172	16.8	0.0315	8.01	0.000985	0.000985	0.00000495	0.00692	0.00138	0.018	0.0253	0.00000515	20.9	0.0000191	0.00034
2086 Aug	71.6	0.0787	0.0545	0.00174	16.9	0.0327	8.03	0.00101	0.00101	0.00000507	0.00702	0.0014	0.0181	0.0255	0.00000526	21.1	0.000019	0.000341
2086 Sep	70.5	0.0793	0.0539	0.00173	16.7	0.0335	7.97	0.001	0.001	0.00000504	0.00697	0.00138	0.0182	0.0248	0.00000524	20.6	0.0000184	0.000334
2086 Oct	70.7	0.0818	0.0558	0.00177	16.8	0.0341	8.13	0.001	0.001	0.00000503	0.00699	0.00137	0.0187	0.0246	0.00000524	20.5	0.0000184	0.000334
2086 Nov	70.9	0.0821	0.0561	0.00177	16.9	0.0342	8.16	0.001	0.001	0.00000505	0.00701	0.00137	0.0187	0.0246	0.00000526	20.5	0.0000184	0.000335
2086 Dec	70.9	0.0821	0.0561	0.00177	16.9	0.0342	8.16	0.001	0.001	0.00000505	0.00701	0.00138	0.0188	0.0246	0.00000526	20.5	0.0000184	0.000335
2087 Jan	70.9	0.0821	0.0561	0.00177	16.9	0.0342	8.16	0.001	0.001	0.00000505	0.00701	0.00138	0.0188	0.0246	0.00000526	20.5	0.0000184	0.000335
2087 Feb	70.9	0.0821	0.0561	0.00177	16.9	0.0342	8.16	0.001	0.001	0.00000505	0.00701	0.00138	0.0188	0.0246	0.00000526	20.5	0.0000184	0.000335
2087 Mar	71	0.0822	0.0562	0.00178	16.9	0.0342	8.17	0.00101	0.00101	0.00000505	0.00702	0.00138	0.0188	0.0247	0.00000526	20.5	0.0000184	0.000335
2087 Apr	71.1	0.0824	0.0563	0.00178	17	0.0343	8.19	0.00101	0.00101	0.00000506	0.00703	0.00138	0.0188	0.0247	0.00000527	20.6	0.0000185	0.000336
2087 May	72.4	0.0824	0.0556	0.00176	17.2	0.0338	8.22	0.00101	0.00101	0.00000507	0.00703	0.0014	0.0185	0.0256	0.00000528	21.2	0.0000187	0.000343
2087 Jun	73.2	0.0789	0.053	0.00167	17.4	0.0311	8.06	0.000984	0.000984	0.00000494	0.00683	0.00142	0.0174	0.0268	0.00000513	22.1	0.0000189	0.000351
2087 Jul	73.7	0.0784	0.0528	0.0017	17.4	0.032	8.08	0.00101	0.00101	0.00000508	0.00698	0.00144	0.0176	0.027	0.00000527	22.2	0.0000191	0.000352
2087 Aug	75.5	0.08	0.0538	0.00174	17.9	0.0333	8.27	0.00105	0.00105	0.00000525	0.00718	0.00149	0.018	0.0276	0.00000544	22.8	0.0000195	0.00036
2087 Sep	76.1	0.0816	0.0537	0.00175	18	0.034	8.33	0.00106	0.00106	0.00000532	0.0073	0.0015	0.0182	0.0278	0.00000551	23	0.0000196	0.000362
2087 Oct	75.5	0.0833	0.0542	0.00176	18	0.0344	8.36	0.00105	0.00105	0.00000529	0.0073	0.00148	0.0184	0.0274	0.00000548	22.6	0.0000194	0.000358
2087 Nov	75.4	0.0843	0.0548	0.00177	17.9	0.0346	8.41	0.00105	0.00105	0.00000527	0.00729	0.00148	0.0185	0.0272	0.00000547	22.5	0.0000194	0.000357
2087 Dec	75.4	0.0844	0.055	0.00178	18	0.0346	8.42	0.00105	0.00105	0.00000527	0.00729	0.00148	0.0186	0.0272	0.00000547	22.5	0.0000194	0.000357
2088 Jan	75.4	0.0844	0.055	0.00178	18	0.0346	8.42	0.00105	0.00105	0.00000527	0.0073	0.00148	0.0186	0.0272	0.00000547	22.5	0.0000194	0.000357
2088 Feb	75.4	0.0844	0.055	0.00178	18	0.0346	8.42	0.00105	0.00105	0.00000527	0.0073	0.00148	0.0186	0.0272	0.00000547	22.5	0.0000194	0.000357
2088 Mar	75.5	0.0845	0.0551	0.00178	18	0.0347	8.43	0.00105	0.00105	0.00000528	0.0073	0.00148	0.0186	0.0272	0.00000548	22.5	0.0000194	0.000357
2088 Apr	76.1	0.0851	0.0555	0.00179	18.1	0.0349	8.49	0.00106	0.00106	0.00000532	0.00736	0.00149	0.0187	0.0274	0.00000552	22.7	0.0000196	0.00036
2088 May	77.5	0.0866	0.0564	0.00182	18.5	0.0355	8.64	0.00108	0.00108	0.00000541	0.00748	0.00152	0.019	0.028	0.00000561	23.1	0.0000199	0.000367
2088 Jun	70.4	0.0741	0.0497	0.00169	16.4	0.0324	7.62	0.00104	0.00104	0.00000524	0.00732	0.0014	0.0176	0.0251	0.00000542	20.8	0.0000201	0.000338
2088 Jul	70.8	0.0733	0.0501	0.00173	16.3	0.0329	7.63	0.00108	0.00108	0.0000054	0.00757	0.00141	0.018	0.025	0.00000558	20.7	0.0000209	0.000342
2088 Aug	74.2	0.0767	0.0522	0.00181	17.1	0.0348	7.98	0.00113	0.00113	0.00000568	0.00795	0.00148	0.0189	0.0262	0.00000587	21.8	0.0000218	0.000358
2088 Sep	74.8	0.0778	0.0521	0.00182	17.3	0.0354	8.03	0.00114	0.00114	0.00000575	0.00804	0.00149	0.019	0.0264	0.00000593	21.9	0.0000219	0.00036
2088 Oct	71.8	0.0793	0.0496	0.00176	16.7	0.0354	7.79	0.00111	0.00111	0.00000555	0.00787	0.00143	0.0185	0.0251	0.00000573	21	0.0000209	0.000342
2088 Nov	71.5	0.0806	0.0502	0.00176	16.7	0.0356	7.83	0.0011	0.0011	0.00000552	0.00784	0.00142	0.0186	0.0248	0.0000057	20.8	0.0000207	0.00034
2088 Dec	71.6	0.0807	0.0504	0.00177	16.7	0.0357	7.85	0.0011	0.0011	0.00000552	0.00785	0.00142	0.0186	0.0248	0.0000057	20.8	0.0000207	0.00034
2089 Jan	71.6	0.0807	0.0504	0.00177	16.7	0.0357	7.85	0.0011	0.0011	0.00000552	0.00785	0.00142	0.0187	0.0249	0.00000571	20.8	0.0000207	0.00034
2089 Feb	71.6	0.0807	0.0504	0.00177	16.7	0.0357	7.85	0.0011	0.0011	0.00000552	0.00785	0.00142	0.0187	0.0249	0.00000571	20.8	0.0000207	0.000341
2089 Mar	71.7	0.0808	0.0505	0.00177	16.7	0.0357	7.86	0.0011	0.0011	0.00000553	0.00786	0.00143	0.0187	0.0249	0.00000571	20.8	0.0000208	0.000341
2089 Apr	72	0.0812	0.0507	0.00178	16.8	0.0359	7.9	0.00111	0.00111	0.00000556	0.0079	0.00143	0.0188	0.025	0.00000574	20.9	0.0000209	0.000343
2089 May	73.9	0.0814	0.0502	0.00175	17.3	0.0352	7.98	0.00111	0.00111	0.00000555	0.00785	0.00147	0.0184	0.0263	0.00000573	21.9	0.000021	0.000353
2089 Jun	75.5	0.0794	0.049	0.00168	17.7	0.0326	7.97	0.00107	0.00107	0.00000538	0.00757	0.00149	0.0174	0.0279	0.00000555	23	0.000021	0.000364
2089 Jul	76.4	0.0794	0.0492	0.00171	17.8	0.0337	8.05	0.0011	0.0011	0.00000554	0.00773	0.00152	0.0177	0.0282	0.00000571	23.3	0.0000212	0.000367
2089 Aug	77.7	0.0802	0.05	0.00176	18.1	0.035	8.2	0.00114	0.00114	0.0000057	0.00789	0.00156	0.0181	0.0286	0.00000587	23.6	0.0000214	0.000371
2089 Sep	77.6	0.0821	0.0505	0.00177	18.2	0.0357	8.26	0.00114	0.00114	0.0000057	0.00793	0.00155	0.0183	0.0284	0.00000588	23.5	0.0000213	0.000369
2089 Oct	74.7	0.0859	0.0519	0.00177	17.7	0.0361	8.27	0.00109	0.00109	0.00000547	0.00772	0.00148	0.0186	0.0266	0.00000566	22.1	0.0000202	0.000352
2089 Nov	74.6	0.0869	0.0526	0.00178	17.7	0.0364	8.32	0.00109	0.00109	0.00000545	0.00772	0.00147	0.0188	0.0264	0.00000565	22	0.0000202	0.000351
2089 Dec	74.7	0.0871	0.0528	0.00179	17.7	0.0364	8.34	0.00109	0.00109	0.00000546	0.00772	0.00147	0.0189	0.0264	0.00000565	22	0.0000202	0.000351
2090 Jan	74.7	0.0871	0.0529	0.00179	17.7	0.0364	8.34	0.00109	0.00109	0.00000546	0.00773	0.00147	0.0189	0.0264	0.00000565	22	0.0000202	0.000351
2090 Feb	74.7	0.0871	0.0529	0.00179	17.7	0.0364	8.35	0.00109	0.00109	0.00000546	0.00773	0.00147	0.0189	0.0264	0.00000565	22	0.0000202	0.000351
2090 Mar	74.8	0.0872	0.0529	0.00179	17.7	0.0364	8.35	0.00109	0.00109	0.00000546	0.00773	0.00148	0.0189	0.0265	0.00000566	22	0.0000202	0.000352
2090 Apr	75	0.0874	0.0531	0.00179	17.8	0.0366	8.38	0.00109	0.00109	0.00000548	0.00776	0.00148	0.0189	0.0265	0.00000567	22.1	0.0000203	0.000353
2090 May	76.7	0.09	0.0567	0.00186	18.2	0.0371	8.71	0.0011	0.0011	0.00000552	0.0078	0.0015	0.0197	0.0269	0.00000573	22.4	0.0000205	0.00036
2090 Jun	74.3	0.0815	0.0548	0.00174	17.5	0.0324	8.3	0.00102	0.00102	0.00000513	0.00722	0.00144	0.0183	0.0267	0.00000533	22	0.0000201	0.000356
2090 Jul	74.7	0.0809	0.0554	0.00178	17.5	0.033	8.34	0.00105	0.00105	0.00000527	0.00741	0.00145	0.0187	0.0266	0.00000547	22	0.0000206	0.000358

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2090 Aug	72.1	0.0783	0.0536	0.00175	17	0.034	8.11	0.00104	0.00104	0.00000521	0.0072	0.00142	0.0186	0.0254	0.00000542	21.1	0.0000192	0.000343
2090 Sep	70.3	0.0812	0.0543	0.00176	16.7	0.0349	8.13	0.00101	0.00101	0.00000509	0.00709	0.00137	0.0189	0.0242	0.0000053	20.2	0.0000184	0.000332
2090 Oct	68	0.0859	0.0546	0.00175	16.3	0.0356	8.13	0.000981	0.000981	0.00000493	0.00702	0.00131	0.0191	0.0228	0.00000515	19.2	0.0000177	0.000316
2090 Nov	67.5	0.087	0.0551	0.00175	16.3	0.0358	8.15	0.000972	0.000972	0.00000488	0.00698	0.0013	0.0192	0.0224	0.00000511	18.9	0.0000175	0.000313
2090 Dec	67.6	0.0871	0.0552	0.00175	16.3	0.0358	8.16	0.000972	0.000972	0.00000489	0.00699	0.0013	0.0192	0.0224	0.00000511	18.9	0.0000175	0.000313
2091 Jan	67.6	0.0872	0.0553	0.00176	16.3	0.0358	8.16	0.000972	0.000972	0.00000489	0.00699	0.0013	0.0192	0.0224	0.00000511	18.9	0.0000175	0.000313
2091 Feb	67.6	0.0872	0.0553	0.00176	16.3	0.0358	8.17	0.000972	0.000972	0.00000489	0.00699	0.0013	0.0192	0.0224	0.00000511	18.9	0.0000175	0.000313
2091 Mar	67.7	0.0873	0.0553	0.00176	16.3	0.0359	8.18	0.000973	0.000973	0.00000489	0.007	0.0013	0.0193	0.0225	0.00000512	18.9	0.0000175	0.000313
2091 Apr	68.1	0.0878	0.0556	0.00177	16.4	0.0361	8.22	0.000979	0.000979	0.00000492	0.00704	0.00131	0.0194	0.0226	0.00000514	19	0.0000176	0.000315
2091 May	69.9	0.0884	0.0555	0.00177	16.8	0.0359	8.32	0.000991	0.000991	0.00000498	0.00711	0.00134	0.0193	0.0236	0.0000052	19.8	0.000018	0.000325
2091 Jun	71.5	0.0821	0.0521	0.00165	17.1	0.0319	8.09	0.000963	0.000963	0.00000484	0.00683	0.00138	0.0177	0.0257	0.00000503	21.3	0.0000184	0.00034
2091 Jul	73.9	0.0841	0.0536	0.00172	17.6	0.0332	8.33	0.00101	0.00101	0.00000506	0.00714	0.00143	0.0183	0.0265	0.00000526	21.9	0.0000193	0.000351
2091 Aug	72.7	0.0822	0.052	0.0017	17.3	0.0341	8.17	0.00101	0.00101	0.00000509	0.00709	0.00142	0.0182	0.0259	0.00000529	21.6	0.0000186	0.000344
2091 Sep	71.7	0.0827	0.0523	0.00171	17.2	0.0349	8.17	0.00101	0.00101	0.00000507	0.00702	0.0014	0.0185	0.0252	0.00000527	21.1	0.000018	0.000338
2091 Oct	70.7	0.0854	0.0539	0.00173	17	0.0354	8.26	0.00099	0.00099	0.00000498	0.00697	0.00136	0.0189	0.0244	0.00000519	20.4	0.0000176	0.000331
2091 Nov	69.7	0.0874	0.0546	0.00174	16.8	0.0357	8.3	0.000976	0.000976	0.0000049	0.00693	0.00134	0.0191	0.0237	0.00000512	19.9	0.0000173	0.000324
2091 Dec	69.8	0.0876	0.0549	0.00174	16.8	0.0358	8.31	0.000976	0.000976	0.0000049	0.00693	0.00134	0.0192	0.0237	0.00000512	19.9	0.0000173	0.000324
2092 Jan	69.8	0.0877	0.0549	0.00174	16.9	0.0358	8.32	0.000976	0.000976	0.00000491	0.00693	0.00134	0.0192	0.0237	0.00000512	19.9	0.0000173	0.000325
2092 Feb	69.8	0.0877	0.0549	0.00174	16.9	0.0358	8.32	0.000976	0.000976	0.00000491	0.00693	0.00134	0.0192	0.0237	0.00000513	19.9	0.0000173	0.000325
2092 Mar	69.9	0.0879	0.055	0.00174	16.9	0.0358	8.34	0.000978	0.000978	0.00000491	0.00694	0.00134	0.0192	0.0238	0.00000513	19.9	0.0000174	0.000325
2092 Apr	70.2	0.0883	0.0553	0.00175	17	0.036	8.37	0.000982	0.000982	0.00000494	0.00698	0.00135	0.0193	0.0239	0.00000516	20	0.0000175	0.000327
2092 May	72.6	0.0898	0.0572	0.00178	17.5	0.0359	8.63	0.000991	0.000991	0.00000498	0.00702	0.00139	0.0196	0.025	0.00000521	20.9	0.0000179	0.000339
2092 Jun	71.1	0.0798	0.0542	0.00165	17	0.0304	8.17	0.000925	0.000925	0.00000465	0.00651	0.00135	0.0178	0.0254	0.00000486	21	0.000018	0.00034
2092 Jul	70.2	0.0779	0.0553	0.00169	16.6	0.0307	8.13	0.000938	0.000938	0.00000471	0.0066	0.00134	0.0183	0.0247	0.00000493	20.4	0.0000184	0.000336
2092 Aug	72.3	0.0801	0.0566	0.00174	17.1	0.032	8.37	0.000974	0.000974	0.00000489	0.00683	0.00138	0.0188	0.0254	0.00000512	21	0.0000188	0.000346
2092 Sep	72.3	0.0813	0.0573	0.00176	17.2	0.0328	8.44	0.000977	0.000977	0.00000491	0.00684	0.00138	0.0192	0.0251	0.00000514	20.8	0.0000186	0.000345
2092 Oct	72.2	0.0838	0.0593	0.0018	17.2	0.0334	8.6	0.000972	0.000972	0.00000489	0.00685	0.00137	0.0197	0.0248	0.00000513	20.6	0.0000185	0.000343
2092 Nov	72.3	0.0846	0.0599	0.00181	17.3	0.0336	8.66	0.000972	0.000972	0.00000489	0.00686	0.00137	0.0199	0.0247	0.00000513	20.5	0.0000185	0.000343
2092 Dec	72.4	0.0846	0.06	0.00181	17.3	0.0336	8.66	0.000972	0.000972	0.00000489	0.00686	0.00137	0.0199	0.0247	0.00000513	20.5	0.0000185	0.000344
2093 Jan	72.4	0.0846	0.06	0.00181	17.3	0.0336	8.66	0.000972	0.000972	0.00000489	0.00686	0.00137	0.0199	0.0247	0.00000513	20.5	0.0000185	0.000344
2093 Feb	72.4	0.0846	0.06	0.00181	17.3	0.0337	8.67	0.000972	0.000972	0.00000489	0.00686	0.00137	0.0199	0.0247	0.00000513	20.6	0.0000185	0.000344
2093 Mar	72.6	0.0849	0.0602	0.00181	17.3	0.0337	8.69	0.000975	0.000975	0.0000049	0.00688	0.00137	0.0199	0.0248	0.00000515	20.6	0.0000185	0.000344
2093 Apr	72.9	0.0853	0.0605	0.00182	17.4	0.0339	8.73	0.00098	0.00098	0.00000493	0.00691	0.00138	0.02	0.0249	0.00000517	20.7	0.0000186	0.000346
2093 May	74.7	0.0862	0.0608	0.00183	17.9	0.0338	8.86	0.000991	0.000991	0.00000498	0.00698	0.00141	0.02	0.0259	0.00000523	21.4	0.0000189	0.000355
2093 Jun	74.3	0.0806	0.057	0.00172	17.6	0.0306	8.51	0.000957	0.000957	0.00000481	0.00671	0.00141	0.0185	0.0267	0.00000503	22	0.000019	0.000358
2093 Jul	75.6	0.0813	0.0579	0.00176	17.9	0.0317	8.65	0.000992	0.000992	0.00000499	0.00693	0.00144	0.019	0.0271	0.00000521	22.3	0.0000196	0.000364
2093 Aug	77.1	0.0825	0.0585	0.0018	18.3	0.0329	8.8	0.00102	0.00102	0.00000514	0.00711	0.00148	0.0194	0.0276	0.00000537	22.8	0.0000198	0.00037
2093 Sep	76.6	0.0835	0.0575	0.00179	18.2	0.0334	8.74	0.00102	0.00102	0.00000515	0.00715	0.00147	0.0193	0.0273	0.00000537	22.6	0.0000197	0.000366
2093 Oct	73.4	0.0865	0.0568	0.00176	17.6	0.034	8.61	0.000989	0.000989	0.00000497	0.00703	0.0014	0.0193	0.0256	0.0000052	21.3	0.0000188	0.000347
2093 Nov	72.5	0.0883	0.0567	0.00176	17.4	0.0345	8.59	0.000981	0.000981	0.00000493	0.00703	0.00138	0.0194	0.025	0.00000516	20.8	0.0000185	0.000341
2093 Dec	72.6	0.0883	0.0567	0.00176	17.4	0.0345	8.6	0.000981	0.000981	0.00000493	0.00704	0.00138	0.0194	0.025	0.00000516	20.9	0.0000185	0.000341
2094 Jan	72.6	0.0884	0.0568	0.00176	17.4	0.0345	8.6	0.000981	0.000981	0.00000493	0.00704	0.00138	0.0194	0.025	0.00000516	20.9	0.0000185	0.000341
2094 Feb	72.6	0.0884	0.0568	0.00176	17.4	0.0345	8.61	0.000982	0.000982	0.00000493	0.00704	0.00138	0.0194	0.025	0.00000516	20.9	0.0000185	0.000341
2094 Mar	72.7	0.0885	0.0569	0.00177	17.4	0.0346	8.62	0.000983	0.000983	0.00000494	0.00705	0.00138	0.0194	0.0251	0.00000517	20.9	0.0000186	0.000342
2094 Apr	72.9	0.0888	0.0571	0.00177	17.5	0.0347	8.65	0.000986	0.000986	0.00000496	0.00707	0.00139	0.0195	0.0252	0.00000519	21	0.0000186	0.000343
2094 May	74.9	0.0893	0.0583	0.00178	18	0.0341	8.83	0.000984	0.000984	0.00000495	0.00703	0.00142	0.0195	0.0262	0.00000518	21.7	0.0000189	0.000353
2094 Jun	76.9	0.0868	0.0565	0.00173	18.4	0.0321	8.78	0.000981	0.000981	0.00000493	0.00695	0.00146	0.0187	0.0279	0.00000515	23	0.0000193	0.000367
2094 Jul	80.2	0.0899	0.0586	0.0018	19.1	0.0338	9.13	0.00104	0.00104	0.0000052	0.00732	0.00153	0.0195	0.0291	0.00000543	24	0.0000203	0.000383
2094 Aug	84.1	0.094	0.0611	0.00189	20.1	0.0358	9.56	0.00109	0.00109	0.00000548	0.00769	0.00161	0.0204	0.0305	0.00000572	25.2	0.0000212	0.000401
2094 Sep	82.9	0.0946	0.059	0.00186	19.8	0.0362	9.4	0.00109	0.00109	0.00000548	0.00772	0.00159	0.0201	0.03	0.0000057	24.8	0.0000209	0.000394
2094 Oct	80.3	0.0952	0.0573	0.00182	19.3	0.0363	9.19	0.00106	0.00106	0.00000535	0.00763	0.00154	0.0198	0.0288	0.00000557	23.9	0.0000203	0.000379
2094 Nov	78.2	0.0972	0.0582	0.00183	18.9	0.0367	9.18	0.00104	0.00104	0.00000522	0.00752	0.00149	0.0201	0.0275	0.00000545	22.9	0.0000197	0.000366
2094 Dec	78.2	0.0974	0.0584	0.00183	18.9	0.0368	9.19	0.00104	0.00104	0.00000521	0.00752	0.00149	0.0201	0.0274	0.00000545	22.8	0.0000197	0.000366
2095 Jan	78.2	0.0975	0.0585	0.00183	18.9	0.0368	9.2	0.00104	0.00104	0.00000521	0.00752	0.00149	0.0202	0.0274	0.00000545	22.8	0.0000197	0.000366
2095 Feb	78.2	0.0975	0.0585	0.00183	18.9	0.0368	9.2	0.00104	0.00104	0.00000522	0.00752	0.00149	0.0202	0.0274	0.00000545	22.8	0.0000197	0.000366
2095 Mar	78.3	0.0976	0.0586	0.00183	18.9	0.0368	9.21	0.00104	0.00104	0.00000522	0.00752	0.00149	0.0202	0.0274	0.00000545	22.8	0.0000197	0.000366
2095 Apr	78.6	0.098	0.0588	0.00184	19	0.037	9.25	0.00104	0.00104	0.00000524	0.00756	0.0015	0.0203	0.0276	0.00000548	22.9	0.0000198	0.000368
2095 May	79.8	0.0967	0.0575	0.0018	19.2	0.036	9.21	0.00104	0.00104	0.00000523	0.0075	0.00152	0.0197	0.0286	0.00000545	23.7	0.0000199	0.000375
2095 Jun	81.9	0.0951	0.0567	0.00178	19.7	0.0347	9.24	0.00105	0.00105	0.00000525	0.00748	0.00157	0.0192	0.0301	0.00000547	24.8	0.0000204	0.000389
2095 Jul	85.2	0.0983	0.0586	0.00185	20.5	0.0366	9.59	0.0011	0.0011	0.00000553	0.00784	0.00164	0.02	0.0313	0.00000575	25.8	0.0000212	0.000404
2095 Aug	83	0.0949	0.0561	0.00182	19.9	0.0369	9.31	0.0011	0.0011	0.00000551	0.00771	0.00161	0.0196	0.0305	0.00000572	25.2	0.0000204	0.000391
2095 Sep	82.2	0.0947	0.0559	0.00182	19.8	0.0376	9.27	0.0011	0.0011	0.00000551	0.00768	0.0016	0.0198	0.0299	0.00000572	24.8	0.0000199	0.000386
2095 Oct	82.2	0.0962	0.0574	0.00185	19.8	0.038	9.38	0.00109	0.00109	0.00000549	0.00768	0.00159	0.0202	0.0297	0.00000572	24.6	0.0000199	0.000386
2095 Nov	80.9	0.0973	0.0577	0.00184	19.5	0.0382	9.36	0.00108	0.00108	0.00000542	0.00763	0.00156	0.0203	0.0289	0.00000565	24	0.0000196	0.000378
2095 Dec	80.9	0.0975	0.0578	0.00185	19.5	0.0382	9.37	0.00108	0.00108	0.00000541	0.00763	0.00156	0.0203	0.0288	0.00000564	24	0.0000196	0.000378
2096 Jan	80.9	0.0976	0.0579	0.00185	19.5	0.0382	9.37	0.00108	0.00108	0.00000541	0.00763	0.00156	0.0203	0.0288	0.00000564	24	0.0000196	0.000378
2096 Feb	80.9	0.0976	0.0579	0.00185	19.5	0.0383	9.38	0.00108	0.00108	0.00000541	0.00763	0.00156	0.0203	0.0288	0.00000564	24	0.0000196	0.000378
2096 Mar	81	0.0977	0.0579	0.00185	19.6	0.0383	9.38	0.00108	0.00108	0.00000542	0.00764	0.00156	0.0203	0.0289	0.00000565	24	0.0000196	0.000378

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2096 Apr	81.3	0.0981	0.0582	0.00186	19.6	0.0384	9.42	0.00108	0.00108	0.00000544	0.00767	0.00157	0.0204	0.029	0.00000567	24.1	0.0000197	0.00038
2096 May	83.4	0.1	0.0623	0.00192	20.2	0.0386	9.81	0.00108	0.00108	0.00000545	0.00767	0.00159	0.0212	0.0296	0.0000057	24.6	0.00002	0.00039
2096 Jun	75.2	0.0835	0.0557	0.00174	17.8	0.0326	8.63	0.000997	0.000997	0.00000501	0.00706	0.00144	0.019	0.0268	0.00000523	22.1	0.0000195	0.00036
2096 Jul	75.6	0.083	0.057	0.00179	17.8	0.0333	8.7	0.00102	0.00102	0.00000515	0.00726	0.00145	0.0196	0.0266	0.00000538	22	0.0000202	0.000362
2096 Aug	78.5	0.0861	0.0588	0.00186	18.5	0.035	9.02	0.00107	0.00107	0.00000538	0.00756	0.00151	0.0203	0.0276	0.00000561	22.8	0.0000209	0.000376
2096 Sep	77	0.0867	0.0567	0.00182	18.2	0.0354	8.85	0.00106	0.00106	0.00000534	0.00754	0.00148	0.02	0.027	0.00000557	22.4	0.0000204	0.000367
2096 Oct	74.1	0.0892	0.055	0.00178	17.6	0.0359	8.66	0.00103	0.00103	0.00000519	0.00745	0.00142	0.0198	0.0255	0.00000541	21.3	0.0000195	0.000349
2096 Nov	73.8	0.0903	0.0552	0.00178	17.6	0.0362	8.68	0.00103	0.00103	0.00000517	0.00745	0.00141	0.0199	0.0253	0.0000054	21.1	0.0000194	0.000347
2096 Dec	73.9	0.0903	0.0552	0.00178	17.6	0.0362	8.69	0.00103	0.00103	0.00000517	0.00746	0.00141	0.0199	0.0253	0.0000054	21.1	0.0000194	0.000347
2097 Jan	73.9	0.0904	0.0553	0.00178	17.6	0.0362	8.69	0.00103	0.00103	0.00000517	0.00746	0.00141	0.0199	0.0253	0.0000054	21.1	0.0000195	0.000347
2097 Feb	73.9	0.0904	0.0553	0.00179	17.6	0.0362	8.7	0.00103	0.00103	0.00000517	0.00746	0.00142	0.0199	0.0253	0.0000054	21.1	0.0000195	0.000347
2097 Mar	73.9	0.0905	0.0554	0.00179	17.6	0.0363	8.7	0.00103	0.00103	0.00000518	0.00746	0.00142	0.0199	0.0253	0.0000054	21.2	0.0000195	0.000347
2097 Apr	74.3	0.0909	0.0557	0.0018	17.7	0.0365	8.75	0.00104	0.00104	0.0000052	0.0075	0.00142	0.02	0.0254	0.00000543	21.3	0.0000196	0.000349
2097 May	75.9	0.0914	0.0554	0.00179	18.1	0.0364	8.82	0.00105	0.00105	0.00000527	0.00757	0.00146	0.0199	0.0264	0.00000549	22	0.0000199	0.000357
2097 Jun	76.4	0.0866	0.0524	0.00171	18.1	0.0337	8.57	0.00103	0.00103	0.00000516	0.00737	0.00147	0.0187	0.0275	0.00000537	22.8	0.00002	0.000364
2097 Jul	79.1	0.089	0.054	0.00177	18.7	0.0352	8.85	0.00108	0.00108	0.00000541	0.0077	0.00153	0.0194	0.0285	0.00000562	23.6	0.0000209	0.000377
2097 Aug	80.6	0.0902	0.0545	0.00181	19.1	0.0365	9	0.00111	0.00111	0.00000557	0.00787	0.00157	0.0197	0.029	0.00000578	24	0.0000211	0.000383
2097 Sep	81.2	0.0913	0.0544	0.00182	19.2	0.0371	9.05	0.00112	0.00112	0.00000564	0.00797	0.00158	0.0199	0.0292	0.00000585	24.2	0.0000213	0.000385
2097 Oct	80.1	0.0915	0.0529	0.00179	19	0.0372	8.91	0.00111	0.00111	0.0000056	0.00796	0.00156	0.0196	0.0288	0.0000058	23.9	0.000021	0.000379
2097 Nov	79.4	0.0916	0.0522	0.00178	18.9	0.0372	8.84	0.00111	0.00111	0.00000557	0.00793	0.00155	0.0195	0.0285	0.00000577	23.7	0.0000209	0.000375
2097 Dec	79.4	0.0917	0.0523	0.00178	18.9	0.0372	8.85	0.00111	0.00111	0.00000557	0.00793	0.00155	0.0195	0.0285	0.00000577	23.7	0.0000208	0.000375
2098 Jan	79.4	0.0917	0.0524	0.00178	18.9	0.0372	8.85	0.00111	0.00111	0.00000557	0.00794	0.00155	0.0195	0.0285	0.00000577	23.7	0.0000209	0.000375
2098 Feb	79.5	0.0917	0.0524	0.00178	18.9	0.0372	8.86	0.00111	0.00111	0.00000557	0.00794	0.00155	0.0195	0.0285	0.00000577	23.7	0.0000209	0.000375
2098 Mar	79.5	0.0918	0.0524	0.00178	18.9	0.0373	8.86	0.00111	0.00111	0.00000557	0.00794	0.00155	0.0195	0.0285	0.00000578	23.7	0.0000209	0.000375
2098 Apr	79.9	0.0921	0.0526	0.00179	19	0.0373	8.9	0.00111	0.00111	0.00000559	0.00796	0.00156	0.0196	0.0287	0.00000579	23.9	0.0000209	0.000377
2098 May	81.8	0.0912	0.0513	0.00174	19.4	0.0358	8.91	0.0011	0.0011	0.00000553	0.00782	0.0016	0.0188	0.0303	0.00000572	25	0.000021	0.000389
2098 Jun	78.4	0.0824	0.05	0.00161	18.6	0.0307	8.49	0.001	0.001	0.00000503	0.00705	0.00152	0.0173	0.0296	0.00000521	24.3	0.00002	0.000378
2098 Jul	81.2	0.0848	0.0521	0.00169	19.2	0.0322	8.79	0.00105	0.00105	0.00000527	0.00739	0.00157	0.0181	0.0305	0.00000547	25.1	0.0000209	0.000392
2098 Aug	80.9	0.0842	0.0509	0.00169	19.1	0.0332	8.72	0.00106	0.00106	0.00000535	0.00743	0.00158	0.0182	0.0304	0.00000554	25	0.0000206	0.000389
2098 Sep	77.4	0.0848	0.0495	0.00165	18.4	0.0338	8.49	0.00103	0.00103	0.0000052	0.00727	0.00151	0.0181	0.0285	0.00000538	23.6	0.0000195	0.000369
2098 Oct	74.7	0.0884	0.0508	0.00166	17.9	0.0346	8.51	0.001	0.001	0.00000503	0.00717	0.00144	0.0185	0.0268	0.00000524	22.3	0.0000187	0.000352
2098 Nov	74.3	0.0901	0.0524	0.00169	17.9	0.035	8.62	0.000993	0.000993	0.00000499	0.00714	0.00142	0.0189	0.0263	0.0000052	21.9	0.0000185	0.000349
2098 Dec	74.5	0.0904	0.0528	0.0017	17.9	0.0351	8.66	0.000993	0.000993	0.00000499	0.00715	0.00142	0.019	0.0263	0.00000521	21.9	0.0000186	0.000349
2099 Jan	74.5	0.0905	0.0529	0.0017	17.9	0.0351	8.67	0.000993	0.000993	0.00000499	0.00715	0.00142	0.019	0.0263	0.00000521	21.9	0.0000186	0.000349
2099 Feb	74.5	0.0905	0.0529	0.0017	17.9	0.0351	8.67	0.000993	0.000993	0.00000499	0.00715	0.00142	0.019	0.0263	0.00000521	21.9	0.0000186	0.00035
2099 Mar	74.7	0.0906	0.053	0.0017	18	0.0352	8.69	0.000995	0.000995	0.000005	0.00716	0.00143	0.0191	0.0263	0.00000522	21.9	0.0000186	0.00035
2099 Apr	75.5	0.0914	0.0533	0.00171	18.2	0.0354	8.76	0.001	0.001	0.00000504	0.00721	0.00144	0.0191	0.0267	0.00000525	22.2	0.0000187	0.000354
2099 May	80.5	0.0907	0.0513	0.00161	19.5	0.0323	8.91	0.000982	0.000982	0.00000493	0.00693	0.00154	0.0176	0.0306	0.00000513	25.1	0.0000189	0.000383
2099 Jun	79.9	0.0878	0.0519	0.0016	19.2	0.031	8.85	0.000963	0.000963	0.00000484	0.00678	0.00152	0.0175	0.0304	0.00000504	24.9	0.0000189	0.000382
2099 Jul	82.5	0.0899	0.0534	0.00167	19.8	0.0324	9.11	0.00101	0.00101	0.00000507	0.00708	0.00158	0.0181	0.0313	0.00000527	25.6	0.0000197	0.000394
2099 Aug	84.9	0.0923	0.0543	0.00172	20.4	0.0341	9.35	0.00105	0.00105	0.00000528	0.00733	0.00163	0.0187	0.0321	0.00000549	26.4	0.0000201	0.000405
2099 Sep	82.3	0.0912	0.0522	0.00168	19.8	0.0344	9.09	0.00104	0.00104	0.00000521	0.00724	0.00159	0.0185	0.0309	0.00000541	25.5	0.0000194	0.000391
2099 Oct	80.3	0.093	0.0528	0.00169	19.4	0.0349	9.06	0.00102	0.00102	0.00000511	0.00718	0.00154	0.0187	0.0297	0.00000532	24.5	0.0000189	0.000379
2099 Nov	79.1	0.094	0.0534	0.00169	19.2	0.0352	9.06	0.001	0.001	0.00000504	0.00714	0.00151	0.0189	0.0289	0.00000526	23.9	0.0000186	0.000372
2099 Dec	79.2	0.0941	0.0536	0.0017	19.2	0.0352	9.08	0.001	0.001	0.00000505	0.00714	0.00151	0.0189	0.0289	0.00000526	23.9	0.0000186	0.000372
2100 Jan	79.2	0.0942	0.0537	0.0017	19.2	0.0352	9.08	0.001	0.001	0.00000505	0.00714	0.00151	0.0189	0.0289	0.00000526	23.9	0.0000186	0.000372
2100 Feb	79.2	0.0942	0.0537	0.0017	19.2	0.0352	9.08	0.001	0.001	0.00000505	0.00714	0.00151	0.019	0.0289	0.00000526	23.9	0.0000186	0.000372
2100 Mar	79.3	0.0942	0.0537	0.0017	19.2	0.0352	9.09	0.001	0.001	0.00000505	0.00714	0.00151	0.019	0.0289	0.00000526	23.9	0.0000187	0.000372
2100 Apr	79.9	0.0951	0.0546	0.00172	19.4	0.0355	9.19	0.00101	0.00101	0.00000508	0.00718	0.00152	0.0192	0.029	0.0000053	24.1	0.0000188	0.000375
2100 May	81.7	0.0939	0.0536	0.00169	19.8	0.0343	9.19	0.00101	0.00101	0.00000509	0.00716	0.00156	0.0186	0.0304	0.0000053	25.1	0.0000191	0.000386
2100 Jun	78.1	0.0843	0.0511	0.00159	18.7	0.0303	8.65	0.000953	0.000953	0.00000479	0.0067	0.00149	0.0174	0.0295	0.00000498	24.2	0.0000188	0.000375
2100 Jul	78.1	0.0838	0.0521	0.00162	18.6	0.0308	8.69	0.000969	0.000969	0.00000487	0.00682	0.00149	0.0178	0.0292	0.00000507	23.9	0.0000192	0.000375
2100 Aug	76.6	0.0822	0.0516	0.00162	18.3	0.0317	8.59	0.00097	0.00097	0.00000488	0.00674	0.00147	0.0179	0.0283	0.00000508	23.3	0.0000185	0.000366
2100 Sep	76	0.0829	0.0524	0.00165	18.2	0.0326	8.64	0.000972	0.000972	0.00000488	0.00672	0.00146	0.0184	0.0278	0.00000509	22.9	0.0000181	0.000362
2100 Oct	76.2	0.0844	0.0534	0.00167	18.3	0.0331	8.74	0.000972	0.000972	0.00000489	0.00675	0.00145	0.0187	0.0276	0.0000051	22.8	0.0000181	0.000362
2100 Nov	76.4	0.085	0.0541	0.00168	18.3	0.0332	8.8	0.000973	0.000973	0.00000489	0.00677	0.00146	0.0189	0.0276	0.00000511	22.8	0.0000181	0.000363
2100 Dec	76.5	0.0851	0.0542	0.00168	18.4	0.0333	8.81	0.000974	0.000974	0.0000049	0.00677	0.00146	0.0189	0.0276	0.00000512	22.8	0.0000181	0.000363
2101 Jan	76.5	0.0851	0.0542	0.00168	18.4	0.0333	8.82	0.000974	0.000974	0.0000049	0.00677	0.00146	0.0189	0.0276	0.00000512	22.8	0.0000181	0.000363
2101 Feb	76.5	0.0852	0.0543	0.00168	18.4	0.0333	8.82	0.000974	0.000974	0.0000049	0.00677	0.00146	0.0189	0.0276	0.00000512	22.8	0.0000181	0.000363
2101 Mar	76.5	0.0852	0.0543	0.00169	18.4	0.0333	8.82	0.000975	0.000975	0.0000049	0.00678	0.00146	0.0189	0.0276	0.00000512	22.8	0.0000181	0.000363
2101 Apr	76.8	0.0855	0.0545	0.00169	18.4	0.0334	8.85	0.000978	0.000978	0.00000492	0.0068	0.00146	0.019	0.0277	0.00000514	22.9	0.0000182	0.000364
2101 May	78.6	0.0848	0.0528	0.00165	18.9	0.0324	8.83	0.000983	0.000983	0.00000494	0.00681	0.0015	0.0183	0.0292	0.00000515	24	0.0000186	0.000375
2101 Jun	77.7	0.0807	0.0514	0.0016	18.5	0.0301	8.6	0.000956	0.000956	0.0000048	0.00662	0.00148	0.0175	0.0292	0.000005	23.9	0.0000187	0.000374
2101 Jul	80.8	0.0836	0.0537	0.00167	19.2	0.0315	8.95	0.001	0.001	0.00000504	0.00694	0.00155	0.0184	0.0303	0.00000525	24.8	0.0000196	0.000389
2101 Aug	83.7	0.0865	0.0554	0.00173	19.9	0.033	9.26	0.00105	0.00105	0.00000525	0.00722	0.00161	0.0191	0.0313	0.00000547	25.7	0.0000202	0.000403
2101 Sep	81.2	0.0856	0.0522	0.00168	19.4	0.0335	8.94	0.00104	0.00104	0.00000521	0.00717	0.00157	0.0186	0.0303	0.00000541	25	0.0000195	0.000389
2101 Oct	80.4	0.0865	0.0515	0.00167	19.2	0.0338	8.87	0.00103	0.00103	0.00000519	0.00719	0.00155	0.0185	0.0299	0.00000539	24.6	0.0000194	0.000384
2101 Nov	78.9	0.0877	0.0518	0.00167	18.9	0.0341	8.85	0.00102	0.00102	0.00000511	0.00713	0.00152	0.0187	0.029	0.00000531	24	0.000019	0.000375

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2101 Dec	78.9	0.088	0.052	0.00168	18.9	0.0342	8.86	0.00102	0.00102	0.00000511	0.00713	0.00152	0.0187	0.0289	0.00000531	23.9	0.000019	0.000375
2102 Jan	78.9	0.088	0.052	0.00168	18.9	0.0342	8.86	0.00102	0.00102	0.00000511	0.00713	0.00152	0.0187	0.0289	0.00000531	23.9	0.000019	0.000375
2102 Feb	78.9	0.088	0.052	0.00168	18.9	0.0342	8.87	0.00102	0.00102	0.00000511	0.00713	0.00152	0.0187	0.0289	0.00000531	23.9	0.000019	0.000375
2102 Mar	79	0.0881	0.0521	0.00168	18.9	0.0342	8.87	0.00102	0.00102	0.00000511	0.00714	0.00152	0.0187	0.0289	0.00000532	23.9	0.000019	0.000375
2102 Apr	79.2	0.0883	0.0522	0.00168	19	0.0343	8.9	0.00102	0.00102	0.00000512	0.00716	0.00152	0.0188	0.029	0.00000533	24	0.0000191	0.000376
2102 May	80.3	0.0896	0.0533	0.00171	19.3	0.0348	9.05	0.00103	0.00103	0.00000519	0.00724	0.00154	0.0191	0.0294	0.0000054	24.3	0.0000193	0.000381
2102 Jun	69.8	0.0733	0.0482	0.00161	16.2	0.0312	7.8	0.000986	0.000986	0.00000495	0.00702	0.00135	0.018	0.0245	0.00000515	20.3	0.0000195	0.000337
2102 Jul	66.3	0.0671	0.0472	0.00161	15.1	0.0305	7.41	0.000987	0.000987	0.00000496	0.00705	0.00129	0.018	0.0226	0.00000516	18.8	0.0000198	0.000323
2102 Aug	67.3	0.068	0.0472	0.00164	15.4	0.0317	7.5	0.00101	0.00101	0.00000509	0.00719	0.00132	0.0183	0.0229	0.00000529	19.1	0.0000199	0.000327
2102 Sep	67.1	0.0688	0.0461	0.00163	15.4	0.0324	7.45	0.00102	0.00102	0.00000513	0.00723	0.00132	0.0183	0.0229	0.00000532	19.1	0.0000197	0.000325
2102 Oct	65.2	0.0707	0.0446	0.00159	15.1	0.0326	7.31	0.000996	0.000996	0.000005	0.00713	0.00128	0.0179	0.022	0.00000519	18.5	0.000019	0.000313
2102 Nov	65.4	0.0711	0.0449	0.00159	15.1	0.0327	7.35	0.000997	0.000997	0.00000501	0.00715	0.00128	0.018	0.0221	0.0000052	18.5	0.000019	0.000313
2102 Dec	65.4	0.0712	0.0449	0.00159	15.1	0.0327	7.35	0.000998	0.000998	0.00000501	0.00715	0.00128	0.018	0.0221	0.0000052	18.5	0.000019	0.000313
2103 Jan	65.4	0.0712	0.0449	0.00159	15.1	0.0327	7.35	0.000998	0.000998	0.00000501	0.00716	0.00128	0.018	0.0221	0.0000052	18.5	0.000019	0.000314
2103 Feb	65.5	0.0712	0.045	0.00159	15.1	0.0327	7.36	0.000998	0.000998	0.00000501	0.00716	0.00128	0.018	0.0221	0.0000052	18.5	0.0000191	0.000314
2103 Mar	65.5	0.0713	0.045	0.0016	15.1	0.0328	7.36	0.000999	0.000999	0.00000502	0.00716	0.00129	0.018	0.0221	0.0000052	18.6	0.0000191	0.000314
2103 Apr	65.7	0.0715	0.0452	0.0016	15.2	0.0329	7.39	0.001	0.001	0.00000503	0.00719	0.00129	0.0181	0.0222	0.00000522	18.6	0.0000191	0.000315
2103 May	69.4	0.0745	0.0484	0.00164	16.1	0.0327	7.83	0.00101	0.00101	0.00000506	0.00718	0.00135	0.0185	0.0239	0.00000526	19.9	0.0000195	0.000333
2103 Jun	70	0.0709	0.0472	0.00155	16.3	0.0292	7.72	0.000955	0.000955	0.0000048	0.00676	0.00135	0.0173	0.0251	0.00000499	20.7	0.0000193	0.00034
2103 Jul	69.7	0.0697	0.0479	0.00159	16.1	0.03	7.74	0.000975	0.000975	0.0000049	0.00687	0.00135	0.0177	0.0247	0.00000509	20.4	0.0000195	0.000338
2103 Aug	67.7	0.0664	0.0461	0.00158	15.7	0.0313	7.54	0.000983	0.000983	0.00000494	0.00675	0.00134	0.0174	0.024	0.00000513	19.8	0.0000184	0.000323
2103 Sep	66.7	0.0698	0.0464	0.00158	15.6	0.0322	7.58	0.000971	0.000971	0.00000488	0.00674	0.00132	0.0176	0.0232	0.00000507	19.3	0.0000179	0.000316
2103 Oct	64.9	0.0751	0.0467	0.00158	15.3	0.0332	7.62	0.000944	0.000944	0.00000475	0.00671	0.00127	0.0179	0.022	0.00000495	18.4	0.0000173	0.000303
2103 Nov	64.6	0.0766	0.047	0.00158	15.3	0.0335	7.66	0.000939	0.000939	0.00000472	0.00672	0.00126	0.018	0.0217	0.00000493	18.2	0.0000171	0.000301
2103 Dec	64.7	0.0766	0.0472	0.00159	15.3	0.0336	7.68	0.00094	0.00094	0.00000472	0.00672	0.00126	0.018	0.0217	0.00000493	18.2	0.0000172	0.000301
2104 Jan	64.7	0.0767	0.0472	0.00159	15.3	0.0336	7.68	0.00094	0.00094	0.00000472	0.00672	0.00126	0.0181	0.0217	0.00000493	18.2	0.0000172	0.000301
2104 Feb	64.7	0.0767	0.0472	0.00159	15.3	0.0336	7.68	0.00094	0.00094	0.00000472	0.00672	0.00126	0.0181	0.0217	0.00000493	18.2	0.0000172	0.000301
2104 Mar	64.8	0.0767	0.0472	0.00159	15.3	0.0336	7.69	0.00094	0.00094	0.00000473	0.00672	0.00126	0.0181	0.0218	0.00000493	18.2	0.0000172	0.000301
2104 Apr	65.2	0.0772	0.0476	0.0016	15.4	0.0338	7.74	0.000946	0.000946	0.00000475	0.00676	0.00127	0.0182	0.0219	0.00000496	18.3	0.0000173	0.000303
2104 May	68.8	0.0778	0.047	0.00157	16.3	0.0327	7.89	0.000955	0.000955	0.0000048	0.00678	0.00134	0.0177	0.0242	0.000005	20.1	0.0000178	0.000323
2104 Jun	69.2	0.0738	0.0466	0.00151	16.3	0.0296	7.79	0.000917	0.000917	0.00000461	0.00647	0.00134	0.0168	0.025	0.0000048	20.6	0.0000179	0.00033
2104 Jul	70.1	0.0739	0.0472	0.00155	16.5	0.0305	7.88	0.000947	0.000947	0.00000476	0.00666	0.00136	0.0172	0.0253	0.00000495	20.8	0.0000184	0.000334
2104 Aug	70.5	0.074	0.0469	0.00157	16.6	0.0316	7.9	0.000968	0.000968	0.00000486	0.00675	0.00138	0.0174	0.0254	0.00000506	21	0.0000183	0.000335
2104 Sep	69.3	0.0747	0.0466	0.00156	16.4	0.0323	7.85	0.00096	0.00096	0.00000482	0.00669	0.00135	0.0176	0.0246	0.00000502	20.4	0.0000176	0.000328
2104 Oct	68.1	0.0781	0.0472	0.00157	16.2	0.0331	7.91	0.000946	0.000946	0.00000475	0.00669	0.00132	0.0179	0.0237	0.00000495	19.8	0.0000173	0.000319
2104 Nov	68.1	0.0797	0.0483	0.00159	16.2	0.0335	8	0.000942	0.000942	0.00000474	0.0067	0.00131	0.0182	0.0235	0.00000494	19.6	0.0000172	0.000318
2104 Dec	68.3	0.08	0.0488	0.0016	16.3	0.0336	8.05	0.000942	0.000942	0.00000474	0.0067	0.00131	0.0183	0.0235	0.00000495	19.6	0.0000172	0.000319
2105 Jan	68.3	0.08	0.0488	0.0016	16.3	0.0336	8.05	0.000942	0.000942	0.00000474	0.0067	0.00131	0.0183	0.0235	0.00000495	19.6	0.0000172	0.000319
2105 Feb	68.3	0.08	0.0488	0.0016	16.3	0.0336	8.06	0.000943	0.000943	0.00000474	0.0067	0.00131	0.0183	0.0235	0.00000495	19.6	0.0000172	0.000319
2105 Mar	68.3	0.08	0.0489	0.0016	16.3	0.0336	8.06	0.000943	0.000943	0.00000474	0.0067	0.00131	0.0183	0.0235	0.00000495	19.6	0.0000172	0.000319
2105 Apr	68.6	0.0803	0.0491	0.00161	16.4	0.0337	8.09	0.000946	0.000946	0.00000475	0.00672	0.00132	0.0184	0.0236	0.00000497	19.7	0.0000173	0.00032
2105 May	71.2	0.0805	0.0486	0.00159	17	0.0327	8.2	0.000952	0.000952	0.00000478	0.00673	0.00137	0.018	0.0253	0.00000499	21	0.0000178	0.000336
2105 Jun	73.3	0.0795	0.0483	0.00156	17.4	0.0314	8.25	0.000952	0.000952	0.00000478	0.0067	0.00141	0.0175	0.0268	0.00000498	22.1	0.0000182	0.000349
2105 Jul	74.7	0.0802	0.0487	0.0016	17.7	0.0325	8.37	0.000986	0.000986	0.00000495	0.00689	0.00145	0.0178	0.0273	0.00000515	22.5	0.0000186	0.000354
2105 Aug	72.2	0.0775	0.0481	0.0016	17.2	0.0334	8.21	0.000976	0.000976	0.0000049	0.0067	0.00141	0.0179	0.026	0.0000051	21.5	0.0000174	0.00034
2105 Sep	69.7	0.0794	0.0493	0.00161	16.8	0.0345	8.22	0.00095	0.00095	0.00000478	0.00655	0.00135	0.0185	0.0243	0.00000499	20.2	0.0000164	0.000325
2105 Oct	68.5	0.0829	0.0505	0.00163	16.6	0.0351	8.3	0.000932	0.000932	0.00000469	0.00654	0.00131	0.0189	0.0233	0.00000491	19.5	0.0000161	0.000317
2105 Nov	68.2	0.0845	0.0514	0.00164	16.5	0.0354	8.37	0.000925	0.000925	0.00000465	0.00654	0.0013	0.0192	0.0229	0.00000488	19.2	0.000016	0.000314
2105 Dec	68.2	0.0846	0.0516	0.00164	16.5	0.0355	8.39	0.000925	0.000925	0.00000465	0.00654	0.0013	0.0192	0.0229	0.00000489	19.2	0.000016	0.000314
2106 Jan	68.3	0.0846	0.0516	0.00164	16.5	0.0355	8.39	0.000925	0.000925	0.00000465	0.00654	0.0013	0.0193	0.0229	0.00000489	19.2	0.000016	0.000314
2106 Feb	68.3	0.0846	0.0516	0.00164	16.5	0.0355	8.39	0.000925	0.000925	0.00000465	0.00654	0.0013	0.0193	0.0229	0.00000489	19.2	0.000016	0.000314
2106 Mar	68.3	0.0846	0.0516	0.00164	16.5	0.0355	8.39	0.000925	0.000925	0.00000465	0.00655	0.0013	0.0193	0.0229	0.00000489	19.2	0.000016	0.000314
2106 Apr	68.6	0.085	0.0519	0.00165	16.6	0.0356	8.43	0.000929	0.000929	0.00000467	0.00657	0.0013	0.0193	0.023	0.00000491	19.3	0.0000161	0.000316
2106 May	70.4	0.0859	0.0524	0.00166	17	0.0356	8.57	0.000942	0.000942	0.00000474	0.00665	0.00134	0.0194	0.0239	0.00000497	20	0.0000165	0.000325
2106 Jun	69.1	0.077	0.0492	0.00157	16.4	0.0315	8.07	0.000916	0.000916	0.00000461	0.00646	0.00132	0.018	0.0242	0.00000482	20.1	0.0000173	0.000327
2106 Jul	69.5	0.0759	0.0499	0.00162	16.4	0.0323	8.11	0.00095	0.00095	0.00000477	0.00668	0.00133	0.0185	0.0241	0.00000499	20	0.0000179	0.000329
2106 Aug	68.2	0.0738	0.0488	0.00161	16.1	0.0334	7.99	0.000958	0.000958	0.00000482	0.00662	0.00133	0.0184	0.0235	0.00000503	19.5	0.0000171	0.00032
2106 Sep	66.9	0.0756	0.0496	0.00163	16	0.0344	8.03	0.000945	0.000945	0.00000475	0.00653	0.00129	0.0189	0.0225	0.00000498	18.8	0.0000164	0.000312
2106 Oct	66.9	0.0783	0.0509	0.00165	16	0.035	8.17	0.00094	0.00094	0.00000473	0.00656	0.00128	0.0193	0.0222	0.00000496	18.6	0.0000163	0.00031
2106 Nov	67.1	0.0786	0.0512	0.00165	16	0.0351	8.2	0.000942	0.000942	0.00000474	0.00657	0.00129	0.0194	0.0222	0.00000497	18.6	0.0000163	0.000311
2106 Dec	67.1	0.0787	0.0512	0.00166	16.1	0.0352	8.2	0.000942	0.000942	0.00000474	0.00658	0.00129	0.0194	0.0222	0.00000497	18.6	0.0000163	0.000311
2107 Jan	67.1	0.0787	0.0512	0.00166	16.1	0.0352	8.2	0.000943	0.000943	0.00000474	0.00658	0.00129	0.0194	0.0222	0.00000497	18.6	0.0000163	0.000311
2107 Feb	67.1	0.0787	0.0512	0.00166	16.1	0.0352	8.2	0.000943	0.000943	0.00000474	0.00658	0.00129	0.0194	0.0222	0.00000497	18.6	0.0000163	0.000311
2107 Mar	67.2	0.0788	0.0513	0.00166	16.1	0.0352	8.21	0.000944	0.000944	0.00000475	0.00658	0.00129	0.0194	0.0223	0.00000498	18.6	0.0000164	0.000312
2107 Apr	67.3	0.0789	0.0514	0.00166	16.1	0.0353	8.23	0.000946	0.000946	0.00000476	0.0066	0.00129	0.0195	0.0223	0.00000499	18.7	0.0000164	0.000312
2107 May	68.8	0.079	0.0508	0.00164	16.4	0.0346	8.26	0.000949	0.000949	0.00000477	0.00661	0.00132	0.0191	0.0233	0.000005	19.5	0.0000167	0.000321
2107 Jun	70.9	0.0765	0.0486	0.00158	16.9	0.0322	8.15	0.000944	0.000944	0.00000474	0.00656	0.00136	0.018	0.0252	0.00000495	20.8	0.0000174	0.000335
2107 Jul	70.9	0.0754	0.0484	0.0016	16.8	0.033	8.14	0.000967	0.000967	0.00000486	0.00665	0.00138	0.0181	0.0251	0.00000506	20.8	0.0000175	0.000334
2107 Aug	72.5	0.0768	0.0495	0.00165	17.2	0.0343	8.34	0.000999	0.000999	0.00000502	0.00683	0.00142	0.0187	0.0257	0.00000523	21.2	0.0000177	0.000341
2107 Sep	72.4	0.0787	0.049	0.00165	17.2	0.035	8.34	0.001	0.001	0.00000505	0.00692	0.00142	0.0187	0.0255	0.00000526	21.2	0.0000177	0.000339
2107 Oct	71.8	0.0811	0.0499	0.00166	17.1	0.0355	8.42	0.000994	0.000994	0.000005	0.00692	0.0014	0.019	0.025	0.00000522	20.8	0.0000175	0.000334
2107 Nov	71.7	0.082	0.0504	0.00167	17.1	0.0357	8.46	0.000991	0.000991	0.00000498	0.00692	0.00139	0.0192	0.0248	0.0000052	20.6	0.0000175	0.000333
2107 Dec	71.7	0.082	0.0506	0.00167	17.1	0.0357	8.48	0.000992	0.000992	0.00000498	0.00692	0.00139	0.0192	0.0248	0.00000521	20.6	0.0000175	0.000333
2108 Jan	71.8	0.0821	0.0506	0.00167	17.2	0.0357	8.48	0.000992	0.000992	0.00000498	0.00692	0.00139	0.0192	0.0248	0.00000521	20.6	0.0000175	0.000334
2108 Feb	71.8	0.0821	0.0506	0.00167	17.2	0.0358	8.48	0.000992	0.000992	0.00000499	0.00692	0.00139	0.0192	0.0248	0.00000521	20.6	0.0000175	0.000334

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2108 Mar	71.8	0.0822	0.0506	0.00167	17.2	0.0358	8.49	0.000993	0.000993	0.00000499	0.00693	0.00139	0.0193	0.0248	0.00000521	20.7	0.0000175	0.000334
2108 Apr	72.4	0.0828	0.051	0.00169	17.3	0.0361	8.56	0.001	0.001	0.00000503	0.00698	0.0014	0.0194	0.025	0.00000525	20.8	0.0000177	0.000337
2108 May	73.8	0.0843	0.0518	0.00171	17.7	0.0366	8.7	0.00102	0.00102	0.00000511	0.0071	0.00143	0.0197	0.0256	0.00000534	21.3	0.000018	0.000343
2108 Jun	69.6	0.0742	0.046	0.0016	16.3	0.0334	7.86	0.001	0.001	0.00000503	0.00703	0.00137	0.0181	0.0244	0.00000522	20.3	0.0000186	0.00033
2108 Jul	71.4	0.075	0.0469	0.00165	16.6	0.0344	8.01	0.00105	0.00105	0.00000525	0.00735	0.00141	0.0187	0.0249	0.00000545	20.7	0.0000195	0.000339
2108 Aug	74.3	0.0779	0.0484	0.00172	17.3	0.0362	8.32	0.00109	0.00109	0.0000055	0.00767	0.00147	0.0195	0.0259	0.0000057	21.6	0.0000202	0.000352
2108 Sep	74.1	0.0787	0.0477	0.00171	17.3	0.0367	8.28	0.0011	0.0011	0.00000552	0.00771	0.00147	0.0194	0.0258	0.00000572	21.5	0.0000201	0.000351
2108 Oct	70.9	0.0811	0.0461	0.00166	16.7	0.0367	8.08	0.00105	0.00105	0.00000529	0.00752	0.0014	0.019	0.0242	0.00000549	20.3	0.0000191	0.000332
2108 Nov	70.7	0.0822	0.0467	0.00167	16.7	0.0369	8.13	0.00105	0.00105	0.00000527	0.00751	0.00139	0.0192	0.024	0.00000547	20.2	0.000019	0.00033
2108 Dec	70.8	0.0822	0.0468	0.00167	16.7	0.0369	8.14	0.00105	0.00105	0.00000527	0.00752	0.00139	0.0192	0.024	0.00000547	20.2	0.000019	0.00033
2109 Jan	70.8	0.0823	0.0468	0.00167	16.7	0.037	8.14	0.00105	0.00105	0.00000527	0.00752	0.00139	0.0192	0.024	0.00000548	20.2	0.000019	0.00033
2109 Feb	70.8	0.0823	0.0468	0.00167	16.7	0.037	8.14	0.00105	0.00105	0.00000527	0.00752	0.00139	0.0192	0.0241	0.00000548	20.2	0.000019	0.00033
2109 Mar	70.9	0.0824	0.0468	0.00167	16.7	0.037	8.15	0.00105	0.00105	0.00000528	0.00753	0.00139	0.0192	0.0241	0.00000548	20.2	0.000019	0.000331
2109 Apr	71.2	0.0828	0.0471	0.00168	16.8	0.0372	8.19	0.00106	0.00106	0.00000531	0.00757	0.0014	0.0193	0.0242	0.00000551	20.3	0.0000191	0.000332
2109 May	73.3	0.0826	0.0465	0.00165	17.3	0.0361	8.25	0.00106	0.00106	0.0000053	0.00752	0.00144	0.0188	0.0257	0.0000055	21.4	0.0000194	0.000344
2109 Jun	75.8	0.0811	0.0455	0.0016	17.9	0.034	8.27	0.00105	0.00105	0.00000526	0.00741	0.00149	0.018	0.0276	0.00000544	22.9	0.0000198	0.00036
2109 Jul	76.1	0.0803	0.0453	0.00163	17.9	0.0349	8.28	0.00107	0.00107	0.00000538	0.00753	0.00151	0.0181	0.0277	0.00000557	22.9	0.0000199	0.00036
2109 Aug	77.1	0.0807	0.046	0.00167	18.1	0.0363	8.41	0.0011	0.0011	0.00000553	0.00766	0.00154	0.0185	0.028	0.00000572	23.2	0.00002	0.000363
2109 Sep	75.8	0.0821	0.046	0.00166	17.9	0.0367	8.38	0.00109	0.00109	0.00000545	0.0076	0.00151	0.0186	0.0272	0.00000564	22.6	0.0000195	0.000355
2109 Oct	73.1	0.0858	0.0472	0.00166	17.4	0.0372	8.4	0.00104	0.00104	0.00000524	0.00744	0.00143	0.019	0.0254	0.00000544	21.3	0.0000187	0.000338
2109 Nov	73.3	0.0868	0.0481	0.00167	17.5	0.0374	8.49	0.00104	0.00104	0.00000523	0.00745	0.00143	0.0192	0.0254	0.00000544	21.2	0.0000187	0.000339
2109 Dec	73.4	0.087	0.0485	0.00168	17.5	0.0375	8.53	0.00104	0.00104	0.00000524	0.00745	0.00143	0.0194	0.0254	0.00000545	21.2	0.0000187	0.00034
2110 Jan	73.4	0.0871	0.0485	0.00168	17.5	0.0375	8.54	0.00104	0.00104	0.00000524	0.00745	0.00143	0.0194	0.0254	0.00000545	21.2	0.0000187	0.00034
2110 Feb	73.4	0.0871	0.0485	0.00168	17.5	0.0375	8.54	0.00104	0.00104	0.00000524	0.00745	0.00143	0.0194	0.0254	0.00000545	21.2	0.0000187	0.00034
2110 Mar	73.5	0.0871	0.0486	0.00168	17.5	0.0375	8.54	0.00104	0.00104	0.00000524	0.00746	0.00143	0.0194	0.0254	0.00000546	21.2	0.0000187	0.00034
2110 Apr	73.7	0.0874	0.0487	0.00169	17.6	0.0376	8.57	0.00105	0.00105	0.00000526	0.00748	0.00144	0.0194	0.0255	0.00000547	21.3	0.0000188	0.000341
2110 May	75.6	0.0893	0.0516	0.00174	18	0.0379	8.89	0.00105	0.00105	0.00000528	0.00751	0.00146	0.0201	0.026	0.00000551	21.7	0.000019	0.00035
2110 Jun	74.6	0.0816	0.0497	0.00164	17.7	0.0333	8.52	0.000996	0.000996	0.000005	0.00707	0.00144	0.0187	0.0266	0.00000522	22	0.0000191	0.000353
2110 Jul	74.9	0.0806	0.0497	0.00166	17.6	0.034	8.52	0.00102	0.00102	0.00000513	0.00722	0.00145	0.0189	0.0265	0.00000535	21.9	0.0000195	0.000354
2110 Aug	69.8	0.0744	0.0483	0.00163	16.5	0.0349	8.15	0.00099	0.00099	0.00000498	0.00676	0.00137	0.0187	0.0242	0.00000519	20	0.0000172	0.000324
2110 Sep	67	0.078	0.0485	0.00162	16	0.0357	8.11	0.000952	0.000952	0.00000479	0.00662	0.0013	0.019	0.0224	0.00000501	18.8	0.0000162	0.000308
2110 Oct	65	0.0835	0.0487	0.00161	15.7	0.0365	8.13	0.000923	0.000923	0.00000464	0.00662	0.00124	0.0192	0.021	0.00000488	17.8	0.0000157	0.000294
2110 Nov	64.7	0.0846	0.0492	0.00162	15.7	0.0366	8.17	0.000916	0.000916	0.00000461	0.0066	0.00123	0.0193	0.0208	0.00000484	17.5	0.0000156	0.000292
2110 Dec	64.7	0.0846	0.0493	0.00162	15.7	0.0367	8.18	0.000916	0.000916	0.00000461	0.00661	0.00123	0.0194	0.0208	0.00000485	17.6	0.0000156	0.000292
2111 Jan	64.7	0.0846	0.0493	0.00162	15.7	0.0367	8.18	0.000917	0.000917	0.00000461	0.00661	0.00123	0.0194	0.0208	0.00000485	17.6	0.0000156	0.000292
2111 Feb	64.7	0.0847	0.0493	0.00162	15.7	0.0367	8.18	0.000917	0.000917	0.00000461	0.00661	0.00123	0.0194	0.0208	0.00000485	17.6	0.0000156	0.000292
2111 Mar	64.8	0.0848	0.0494	0.00162	15.7	0.0367	8.2	0.000918	0.000918	0.00000462	0.00662	0.00123	0.0194	0.0208	0.00000485	17.6	0.0000157	0.000293
2111 Apr	65.2	0.0853	0.0497	0.00163	15.8	0.0369	8.24	0.000923	0.000923	0.00000465	0.00666	0.00124	0.0195	0.0209	0.00000488	17.7	0.0000157	0.000294
2111 May	67.2	0.0855	0.0492	0.00162	16.3	0.0365	8.31	0.000936	0.000936	0.00000471	0.00672	0.00129	0.0193	0.0222	0.00000494	18.7	0.0000162	0.000306
2111 Jun	70.1	0.0803	0.0465	0.00153	16.8	0.0326	8.13	0.000927	0.000927	0.00000466	0.00658	0.00135	0.0177	0.0248	0.00000486	20.6	0.0000171	0.000328
2111 Jul	72.5	0.0822	0.0477	0.00159	17.3	0.034	8.37	0.000973	0.000973	0.00000489	0.0069	0.0014	0.0183	0.0257	0.0000051	21.3	0.000018	0.000339
2111 Aug	70.1	0.0788	0.0466	0.00158	16.8	0.0348	8.16	0.000968	0.000968	0.00000486	0.00672	0.00137	0.0183	0.0245	0.00000507	20.4	0.0000168	0.000325
2111 Sep	69.5	0.0797	0.0478	0.00161	16.7	0.0358	8.25	0.000964	0.000964	0.00000485	0.00666	0.00135	0.0188	0.0238	0.00000506	19.9	0.0000163	0.000321
2111 Oct	68	0.0825	0.0486	0.00161	16.4	0.0361	8.28	0.00094	0.00094	0.00000473	0.00661	0.00131	0.0191	0.0228	0.00000495	19.1	0.0000159	0.000311
2111 Nov	67	0.0845	0.0487	0.0016	16.2	0.0364	8.28	0.000928	0.000928	0.00000467	0.00661	0.00128	0.0192	0.0221	0.00000489	18.7	0.0000157	0.000305
2111 Dec	67.1	0.0847	0.0488	0.00161	16.3	0.0365	8.29	0.000928	0.000928	0.00000467	0.00661	0.00128	0.0192	0.0221	0.0000049	18.7	0.0000157	0.000305
2112 Jan	67.1	0.0847	0.0489	0.00161	16.3	0.0365	8.3	0.000928	0.000928	0.00000467	0.00661	0.00128	0.0192	0.0221	0.0000049	18.7	0.0000157	0.000305
2112 Feb	67.1	0.0847	0.0489	0.00161	16.3	0.0365	8.3	0.000928	0.000928	0.00000467	0.00661	0.00128	0.0193	0.0222	0.0000049	18.7	0.0000157	0.000305
2112 Mar	67.2	0.0849	0.049	0.00161	16.3	0.0365	8.32	0.00093	0.00093	0.00000468	0.00662	0.00128	0.0193	0.0222	0.00000491	18.7	0.0000158	0.000306
2112 Apr	67.6	0.0853	0.0492	0.00162	16.4	0.0367	8.36	0.000935	0.000935	0.0000047	0.00666	0.00129	0.0194	0.0223	0.00000493	18.8	0.0000159	0.000308
2112 May	70.3	0.0859	0.0499	0.00162	17	0.036	8.54	0.000944	0.000944	0.00000475	0.00669	0.00134	0.0193	0.0239	0.00000498	20	0.0000164	0.000323
2112 Jun	69.7	0.0767	0.0476	0.00151	16.6	0.0307	8.12	0.000892	0.000892	0.00000448	0.00629	0.00132	0.0176	0.0247	0.0000047	20.4	0.0000169	0.000329
2112 Jul	69.3	0.0748	0.0482	0.00155	16.4	0.0311	8.09	0.000914	0.000914	0.00000459	0.00644	0.00132	0.018	0.0242	0.00000481	20	0.0000174	0.000328
2112 Aug	70.7	0.0763	0.0488	0.00159	16.8	0.0324	8.24	0.000943	0.000943	0.00000474	0.0066	0.00135	0.0185	0.0247	0.00000496	20.4	0.0000176	0.000334
2112 Sep	70.6	0.078	0.0505	0.00162	16.8	0.0334	8.4	0.000943	0.000943	0.00000474	0.0066	0.00134	0.0191	0.0242	0.00000497	20.1	0.0000173	0.000332
2112 Oct	70.5	0.0804	0.052	0.00165	16.8	0.034	8.55	0.000936	0.000936	0.00000471	0.0066	0.00133	0.0196	0.0238	0.00000495	19.8	0.0000172	0.00033
2112 Nov	70.6	0.0809	0.0524	0.00165	16.9	0.0341	8.59	0.000936	0.000936	0.00000471	0.00661	0.00133	0.0197	0.0238	0.00000495	19.8	0.0000172	0.00033
2112 Dec	70.7	0.081	0.0525	0.00166	16.9	0.0341	8.6	0.000936	0.000936	0.00000471	0.00661	0.00133	0.0197	0.0238	0.00000496	19.8	0.0000172	0.000331
2113 Jan	70.7	0.081	0.0525	0.00166	16.9	0.0341	8.6	0.000936	0.000936	0.00000471	0.00661	0.00133	0.0197	0.0238	0.00000496	19.8	0.0000172	0.000331
2113 Feb	70.7	0.081	0.0525	0.00166	16.9	0.0341	8.6	0.000937	0.000937	0.00000471	0.00662	0.00133	0.0197	0.0238	0.00000496	19.8	0.0000172	0.000331
2113 Mar	70.9	0.0812	0.0526	0.00166	16.9	0.0342	8.62	0.000939	0.000939	0.00000472	0.00663	0.00133	0.0198	0.0238	0.00000497	19.9	0.0000172	0.000331
2113 Apr	71.2	0.0816	0.0529	0.00167	17	0.0344	8.67	0.000944	0.000944	0.00000475	0.00667	0.00134	0.0199	0.024	0.000005	20	0.0000173	0.000333
2113 May	73.3	0.0822	0.0528	0.00166	17.5	0.034	8.77	0.000954	0.000954	0.0000048	0.00672	0.00138	0.0197	0.0252	0.00000504	20.9	0.0000177	0.000344
2113 Jun	74.1	0.0785	0.0505	0.00159	17.6	0.0313	8.56	0.000937	0.000937	0.00000471	0.00657	0.0014	0.0185	0.0265	0.00000493	21.8	0.0000181	0.000353
2113 Jul	74.9	0.0782	0.0504	0.00162	17.8	0.0324	8.61	0.00097	0.00097	0.00000487	0.00674	0.00143	0.0187	0.0268	0.0000051	22.1	0.0000184	0.000356
2113 Aug	75.4	0.0781	0.0501	0.00164	17.9	0.0334	8.63	0.000994	0.000994	0.000005	0.00685	0.00146	0.0189	0.027	0.00000522	22.2	0.0000184	0.000357
2113 Sep	74.1	0.0793	0.0496	0.00163	17.6	0.0341	8.57	0.000986	0.000986	0.00000495	0.00683	0.00143	0.0189	0.0262	0.00000517	21.7	0.0000179	0.000349
2113 Oct	70.9	0.0836	0.0501	0.00162	17	0.0348	8.54	0.000945	0.000945	0.00000475	0.00672	0.00135	0.0192	0.0242	0.00000498	20.2	0.0000171	0.000329
2113 Nov	70.4	0.0852	0.0502	0.00163	16.9	0.0352	8.56	0.000939	0.000939	0.00000472	0.00674	0.00133	0.0194	0.0238	0.00000496	19.8	0.000017	0.000325
2113 Dec	70.4	0.0853	0.0503	0.00163	17	0.0353	8.57	0.00094	0.00094	0.00000473	0.00674	0.00133	0.0194	0.0238	0.00000496	19.9	0.000017	0.000325
2114 Jan	70.4	0.0853	0.0504	0.00163	17	0.0353	8.57	0.00094	0.00094	0.00000473	0.00674	0.00133	0.0194	0.0238	0.00000496	19.9	0.000017	0.000325
2114 Feb	70.5	0.0853	0.0504	0.00163	17	0.0353	8.57	0.00094	0.00094	0.00000473	0.00674	0.00133	0.0194	0.0238	0.00000496	19.9	0.000017	0.000325
2114 Mar	70.6	0.0855	0.0505	0.00163	17	0.0353	8.59	0.000941	0.000941	0.00000473	0.00675	0.00134	0.0194	0.0238	0.00000497	19.9	0.000017	0.000326
2114 Apr	70.8	0.0858	0.0507	0.00164	17.1	0.0355	8.62	0.000945	0.000945	0.00000475	0.00678	0.00134	0.0195	0.0239	0.00000499	20	0.0000171	0.000327
2114 May	73.3	0.086	0.0517	0.00164	17.6	0.0345	8.81	0.000945	0.000945	0.00000475	0.00674	0.00138	0.0194	0.0253	0.00000499	21	0.0000175	0.000341

Appendix C.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2114 Jun	75.9	0.0842	0.0503	0.00161	18.2	0.033	8.78	0.000958	0.000958	0.00000482	0.00679	0.00144	0.0187	0.0272	0.00000504	22.4	0.0000183	0.000357
2114 Jul	79	0.087	0.052	0.00168	18.9	0.0346	9.11	0.00101	0.00101	0.00000508	0.00714	0.00151	0.0195	0.0283	0.00000531	23.4	0.0000191	0.000372
2114 Aug	82.3	0.0905	0.0538	0.00175	19.7	0.0364	9.48	0.00106	0.00106	0.00000532	0.00746	0.00157	0.0203	0.0295	0.00000556	24.4	0.0000199	0.000387
2114 Sep	79.2	0.0892	0.0502	0.00168	19	0.0366	9.07	0.00104	0.00104	0.00000524	0.00737	0.00152	0.0196	0.0283	0.00000546	23.5	0.0000191	0.000371
2114 Oct	76.8	0.0912	0.0503	0.00167	18.5	0.037	9.01	0.00102	0.00102	0.0000051	0.00728	0.00147	0.0197	0.0269	0.00000533	22.4	0.0000185	0.000357
2114 Nov	75.3	0.0934	0.0518	0.00169	18.2	0.0373	9.08	0.000991	0.000991	0.00000498	0.00719	0.00142	0.0202	0.0257	0.00000522	21.5	0.000018	0.000347
2114 Dec	75.3	0.0936	0.0521	0.00169	18.2	0.0374	9.11	0.00099	0.00099	0.00000498	0.00719	0.00142	0.0203	0.0257	0.00000522	21.5	0.000018	0.000347
2115 Jan	75.4	0.0937	0.0522	0.0017	18.2	0.0374	9.11	0.00099	0.00099	0.00000498	0.00719	0.00142	0.0203	0.0257	0.00000522	21.5	0.000018	0.000347
2115 Feb	75.4	0.0937	0.0522	0.0017	18.2	0.0374	9.12	0.000991	0.000991	0.00000498	0.00719	0.00142	0.0203	0.0257	0.00000523	21.5	0.000018	0.000347
2115 Mar	75.4	0.0937	0.0522	0.0017	18.2	0.0375	9.12	0.000991	0.000991	0.00000499	0.0072	0.00142	0.0203	0.0257	0.00000523	21.5	0.0000181	0.000347
2115 Apr	75.8	0.0942	0.0525	0.00171	18.3	0.0376	9.17	0.000996	0.000996	0.00000501	0.00723	0.00143	0.0204	0.0258	0.00000526	21.6	0.0000181	0.000349
2115 May	77.3	0.0925	0.051	0.00166	18.7	0.0362	9.1	0.000995	0.000995	0.000005	0.00717	0.00146	0.0196	0.0272	0.00000523	22.6	0.0000184	0.000359
2115 Jun	80.5	0.0927	0.0509	0.00166	19.4	0.0356	9.24	0.00102	0.00102	0.00000511	0.00729	0.00153	0.0194	0.0291	0.00000534	24.1	0.0000192	0.000377
2115 Jul	82.6	0.0942	0.0518	0.00172	19.9	0.0372	9.45	0.00106	0.00106	0.00000533	0.00754	0.00158	0.0199	0.0298	0.00000556	24.7	0.0000197	0.000386
2115 Aug	78.7	0.0889	0.0491	0.00167	18.9	0.0373	9.02	0.00104	0.00104	0.00000524	0.00728	0.00153	0.0194	0.0283	0.00000546	23.4	0.0000183	0.000365
2115 Sep	78	0.0888	0.0496	0.00168	18.8	0.0381	9.04	0.00104	0.00104	0.00000523	0.00723	0.00151	0.0198	0.0276	0.00000545	23	0.0000178	0.000361
2115 Oct	78.1	0.0905	0.0512	0.00171	18.9	0.0385	9.2	0.00104	0.00104	0.00000522	0.00723	0.0015	0.0202	0.0274	0.00000545	22.8	0.0000178	0.000361
2115 Nov	77.3	0.0917	0.0516	0.00171	18.7	0.0387	9.2	0.00103	0.00103	0.00000516	0.00721	0.00148	0.0204	0.0268	0.0000054	22.3	0.0000176	0.000355
2115 Dec	77.3	0.0919	0.0518	0.00171	18.7	0.0387	9.22	0.00103	0.00103	0.00000516	0.00721	0.00148	0.0204	0.0268	0.0000054	22.3	0.0000177	0.000355
2116 Jan	77.3	0.0919	0.0518	0.00171	18.7	0.0387	9.22	0.00103	0.00103	0.00000516	0.00721	0.00148	0.0204	0.0268	0.0000054	22.3	0.0000177	0.000355
2116 Feb	77.3	0.092	0.0518	0.00172	18.7	0.0387	9.23	0.00103	0.00103	0.00000516	0.00722	0.00148	0.0204	0.0268	0.0000054	22.3	0.0000177	0.000356
2116 Mar	77.4	0.092	0.0519	0.00172	18.7	0.0388	9.24	0.00103	0.00103	0.00000516	0.00722	0.00148	0.0205	0.0268	0.0000054	22.4	0.0000177	0.000356
2116 Apr	77.8	0.0925	0.0521	0.00172	18.8	0.039	9.28	0.00103	0.00103	0.00000519	0.00725	0.00149	0.0206	0.0269	0.00000543	22.5	0.0000178	0.000357
2116 May	80.1	0.0934	0.0544	0.00175	19.4	0.0384	9.56	0.00103	0.00103	0.00000519	0.00724	0.00152	0.0209	0.028	0.00000544	23.3	0.0000182	0.000371
2116 Jun	77.3	0.0832	0.0505	0.00161	18.5	0.0329	8.9	0.000963	0.000963	0.00000484	0.00673	0.00147	0.0188	0.028	0.00000506	23	0.0000182	0.000365
2116 Jul	79.3	0.0843	0.0517	0.00166	18.9	0.034	9.09	0.00101	0.00101	0.00000506	0.00705	0.00151	0.0194	0.0285	0.00000529	23.5	0.0000191	0.000375
2116 Aug	81.5	0.0866	0.0527	0.00171	19.4	0.0355	9.32	0.00104	0.00104	0.00000525	0.00728	0.00156	0.02	0.0293	0.00000548	24.2	0.0000195	0.000385
2116 Sep	77.9	0.0865	0.0499	0.00166	18.6	0.0358	8.97	0.00102	0.00102	0.00000512	0.00716	0.00149	0.0195	0.0276	0.00000534	22.9	0.0000186	0.000365
2116 Oct	75	0.0897	0.0495	0.00164	18.1	0.0365	8.87	0.000989	0.000989	0.00000497	0.00711	0.00142	0.0196	0.0259	0.0000052	21.6	0.0000179	0.000347
2116 Nov	74.9	0.0908	0.05	0.00165	18.1	0.0368	8.92	0.000988	0.000988	0.00000497	0.00713	0.00142	0.0198	0.0258	0.0000052	21.5	0.0000179	0.000346
2116 Dec	75	0.0908	0.0501	0.00166	18.1	0.0368	8.94	0.000988	0.000988	0.00000497	0.00713	0.00142	0.0199	0.0258	0.0000052	21.5	0.0000179	0.000347
2117 Jan	75	0.0908	0.0502	0.00166	18.1	0.0368	8.94	0.000988	0.000988	0.00000497	0.00713	0.00142	0.0199	0.0258	0.0000052	21.5	0.0000179	0.000347
2117 Feb	75	0.0909	0.0502	0.00166	18.1	0.0368	8.94	0.000988	0.000988	0.00000497	0.00713	0.00142	0.0199	0.0258	0.0000052	21.5	0.0000179	0.000347
2117 Mar	75.1	0.091	0.0502	0.00166	18.1	0.0369	8.95	0.000989	0.000989	0.00000497	0.00714	0.00142	0.0199	0.0258	0.00000521	21.6	0.0000179	0.000347
2117 Apr	75.5	0.0915	0.0505	0.00167	18.2	0.0371	9	0.000995	0.000995	0.000005	0.00718	0.00143	0.02	0.0259	0.00000524	21.7	0.000018	0.000349
2117 May	77.1	0.0912	0.0498	0.00165	18.6	0.0365	9.02	0.001	0.001	0.00000504	0.00721	0.00146	0.0196	0.027	0.00000527	22.5	0.0000184	0.000358
2117 Jun	78.8	0.0885	0.0482	0.00161	18.9	0.0347	8.92	0.00101	0.00101	0.00000506	0.00718	0.00151	0.0188	0.0286	0.00000527	23.7	0.000019	0.000371
2117 Jul	81.4	0.0907	0.0494	0.00167	19.5	0.0362	9.18	0.00105	0.00105	0.00000529	0.00748	0.00156	0.0194	0.0295	0.00000551	24.4	0.0000196	0.000382
2117 Aug	82.1	0.091	0.0492	0.00169	19.6	0.0373	9.23	0.00108	0.00108	0.00000541	0.00759	0.00159	0.0196	0.0298	0.00000563	24.7	0.0000197	0.000384
2117 Sep	82	0.0917	0.0486	0.00169	19.6	0.0378	9.2	0.00109	0.00109	0.00000545	0.00766	0.00159	0.0196	0.0297	0.00000566	24.7	0.0000196	0.000383
2117 Oct	80.4	0.0922	0.0473	0.00166	19.3	0.0379	9.04	0.00107	0.00107	0.00000539	0.00763	0.00156	0.0193	0.029	0.0000056	24.1	0.0000193	0.000374
2117 Nov	80	0.0927	0.0475	0.00166	19.2	0.038	9.05	0.00107	0.00107	0.00000536	0.00761	0.00155	0.0194	0.0287	0.00000557	23.9	0.0000192	0.000372
2117 Dec	80	0.0927	0.0476	0.00166	19.2	0.038	9.06	0.00107	0.00107	0.00000536	0.00761	0.00155	0.0194	0.0287	0.00000557	23.9	0.0000192	0.000372
2118 Jan	80	0.0928	0.0476	0.00166	19.2	0.038	9.06	0.00107	0.00107	0.00000536	0.00761	0.00155	0.0194	0.0287	0.00000557	23.9	0.0000192	0.000372
2118 Feb	80	0.0928	0.0476	0.00166	19.2	0.038	9.06	0.00107	0.00107	0.00000537	0.00761	0.00155	0.0195	0.0287	0.00000557	23.9	0.0000192	0.000372
2118 Mar	80.1	0.0928	0.0476	0.00166	19.2	0.038	9.07	0.00107	0.00107	0.00000537	0.00762	0.00155	0.0195	0.0287	0.00000558	23.9	0.0000192	0.000372
2118 Apr	80.6	0.0933	0.0478	0.00167	19.4	0.0381	9.11	0.00107	0.00107	0.00000539	0.00764	0.00156	0.0195	0.029	0.00000559	24.1	0.0000193	0.000375
2118 May	82.1	0.0907	0.0464	0.0016	19.7	0.0356	9.03	0.00105	0.00105	0.00000528	0.00743	0.00159	0.0184	0.0306	0.00000547	25.3	0.0000194	0.000386
2118 Jun	80.3	0.0839	0.046	0.00153	19.2	0.0317	8.75	0.000988	0.000988	0.00000496	0.00695	0.00154	0.0174	0.0304	0.00000515	24.9	0.0000192	0.000382
2118 Jul	83.6	0.0867	0.0476	0.0016	19.9	0.0333	9.08	0.00104	0.00104	0.00000523	0.0073	0.00161	0.0182	0.0316	0.00000543	25.9	0.0000201	0.000398
2118 Aug	81.2	0.0839	0.0454	0.00157	19.4	0.0341	8.79	0.00104	0.00104	0.00000522	0.0072	0.00158	0.0179	0.0306	0.00000541	25.2	0.0000192	0.000385
2118 Sep	76.6	0.0852	0.0455	0.00156	18.4	0.0349	8.63	0.000995	0.000995	0.000005	0.00698	0.00148	0.0183	0.0278	0.0000052	23.1	0.0000178	0.000359
2118 Oct	74.9	0.0889	0.0478	0.00159	18.1	0.0358	8.78	0.00097	0.00097	0.00000487	0.00693	0.00142	0.0191	0.0263	0.00000509	21.9	0.0000174	0.000347
2118 Nov	75.1	0.0909	0.0505	0.00163	18.2	0.0363	9.02	0.000962	0.000962	0.00000484	0.00691	0.00141	0.0198	0.0259	0.00000508	21.6	0.0000173	0.000347
2118 Dec	75.3	0.0912	0.051	0.00164	18.3	0.0364	9.07	0.000962	0.000962	0.00000484	0.00691	0.00141	0.0199	0.0259	0.00000508	21.6	0.0000174	0.000348
2119 Jan	75.3	0.0913	0.051	0.00164	18.3	0.0364	9.08	0.000962	0.000962	0.00000484	0.00692	0.00141	0.02	0.0259	0.00000508	21.6	0.0000174	0.000348
2119 Feb	75.3	0.0913	0.0511	0.00164	18.3	0.0364	9.08	0.000962	0.000962	0.00000484	0.00692	0.00141	0.02	0.0259	0.00000508	21.6	0.0000174	0.000348
2119 Mar	75.5	0.0914	0.0511	0.00165	18.3	0.0364	9.09	0.000964	0.000964	0.00000485	0.00693	0.00142	0.02	0.0259	0.00000509	21.7	0.0000174	0.000348
2119 Apr	77.1	0.0927	0.0513	0.00165	18.7	0.0365	9.21	0.000971	0.000971	0.00000489	0.00696	0.00145	0.0199	0.0268	0.00000513	22.3	0.0000176	0.000356
2119 May	82	0.0914	0.0492	0.00155	20	0.033	9.28	0.000952	0.000952	0.00000479	0.00669	0.00155	0.0181	0.0308	0.000005	25.3	0.0000179	0.000385
2119 Jun	80.6	0.0875	0.0489	0.00154	19.5	0.0317	9.08	0.000942	0.000942	0.00000474	0.00663	0.00152	0.018	0.0302	0.00000495	24.8	0.0000181	0.000381
2119 Jul	83.1	0.0892	0.05	0.0016	20	0.033	9.31	0.00099	0.00099	0.00000498	0.00697	0.00157	0.0186	0.0311	0.00000519	25.5	0.0000191	0.000394
2119 Aug	83.1	0.0891	0.0493	0.00161	20	0.0343	9.29	0.00101	0.00101	0.00000509	0.00706	0.00159	0.0188	0.031	0.0000053	25.5	0.0000188	0.000393
2119 Sep	80.4	0.0889	0.0488	0.0016	19.4	0.0349	9.13	0.000994	0.000994	0.00000499	0.00694	0.00153	0.0189	0.0294	0.00000521	24.3	0.000018	0.000377
2119 Oct	78.3	0.0907	0.0493	0.0016	19	0.0354	9.11	0.000973	0.000973	0.00000489	0.0069	0.00148	0.0192	0.028	0.00000512	23.3	0.0000176	0.000365
2119 Nov	77.7	0.0918	0.0502	0.00161	18.9	0.0357	9.17	0.000964	0.000964	0.00000485	0.00687	0.00146	0.0195	0.0275	0.00000508	22.9	0.0000175	0.000361
2119 Dec	77.8	0.0919	0.0504	0.00162	18.9	0.0357	9.19	0.000964	0.000964	0.00000485	0.00687	0.00146	0.0196	0.0275	0.00000508	22.9	0.0000175	0.000361

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.00014	0.000758	0.0973	0.0000104	1.04	1.55	0.0194	0.000212	3.33	0.00108	0.00991	0.000136	0.000163	0.0000499	0.0636	0.00000209	0.0000599	0.00045	0.00179	
Operation (2024-2031): Mean	0.000234	0.000906	0.125	0.0000109	1.29	2.19	0.0352	0.000258	4.35	0.00126	0.0108	0.000276	0.000179	0.0000661	0.0884	0.00000218	0.0000678	0.000592	0.00188	
Operation (2024-2031): Max	0.000384	0.00108	0.166	0.0000114	1.63	3.13	0.0617	0.000296	5.69	0.00149	0.0116	0.000514	0.000201	0.0000907	0.124	0.00000228	0.0000755	0.000836	0.00205	
Active Closure (2032-2038): Min	0.000159	0.000749	0.0995	0.00000955	1.04	1.64	0.0227	0.000205	3.4	0.00106	0.00948	0.000166	0.000133	0.0000514	0.0667	0.00000191	0.0000579	0.000453	0.00154	
Active Closure (2032-2038): Mean	0.000243	0.000888	0.123	0.0000101	1.26	2.22	0.0365	0.000269	4.34	0.0012	0.0103	0.000287	0.000158	0.0000648	0.089	0.00000202	0.0000662	0.000573	0.00169	
Active Closure (2032-2038): Max	0.000353	0.00104	0.157	0.000011	1.56	2.94	0.0559	0.000302	5.42	0.00144	0.0114	0.000458	0.000186	0.0000847	0.117	0.00000219	0.0000747	0.000782	0.00186	
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	0.000148	0.000734	0.0906	0.00000878	1.22	1.69	0.021	0.000215	4.84	0.00111	0.00901	0.00014	0.000167	0.0000597	0.0721	0.00000187	0.0000747	0.000428	0.00134	0.00000461
Post Closure (2039-2119): Mean	0.000298	0.000971	0.132	0.00000987	1.81	2.82	0.0474	0.0004	6.88	0.00143	0.0102	0.000362	0.000209	0.0000924	0.121	0.0000021	0.0002	0.000645	0.00167	0.00014
Post Closure (2039-2119): Max	0.000442	0.00118	0.173	0.0000112	2.28	3.8	0.0727	0.000536	8.49	0.00174	0.0117	0.000567	0.000257	0.00012	0.161	0.00000237	0.000278	0.000893	0.00201	0.000311
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan	0.000346	0.00104	0.155	0.0000108	1.54	2.89	0.0544	0.000281	5.37	0.00142	0.0113	0.000447	0.000178	0.0000835	0.115	0.00000217	0.0000729	0.000751	0.00181	
2024 Feb	0.000346	0.00104	0.155	0.0000108	1.54	2.89	0.0544	0.000281	5.37	0.00142	0.0113	0.000447	0.000178	0.0000835	0.115	0.00000217	0.0000729	0.000751	0.00181	
2024 Mar	0.000346	0.00104	0.155	0.0000109	1.54	2.89	0.0545	0.000281	5.37	0.00142	0.0113	0.000448	0.000178	0.0000836	0.115	0.00000217	0.000073	0.000752	0.00181	
2024 Apr	0.000346	0.00104	0.155	0.0000109	1.54	2.9	0.0545	0.000281	5.38	0.00142	0.0113	0.000448	0.000178	0.0000837	0.115	0.00000217	0.0000731	0.000753	0.00181	
2024 May	0.000358	0.00105	0.159	0.0000109	1.57	2.97	0.0566	0.000282	5.49	0.00144	0.0114	0.000466	0.000181	0.0000858	0.118	0.00000219	0.0000738	0.000775	0.00183	
2024 Jun	0.000378	0.00103	0.161	0.0000105	1.57	3.05	0.0608	0.000253	5.49	0.00144	0.011	0.000507	0.000186	0.0000879	0.12	0.0000021	0.0000709	0.000818	0.0018	
2024 Jul	0.000384	0.00106	0.165	0.0000109	1.61	3.1	0.0617	0.000259	5.61	0.00148	0.0114	0.000514	0.000193	0.0000898	0.123	0.00000217	0.0000729	0.000836	0.00187	
2024 Aug	0.000384	0.00108	0.166	0.0000111	1.63	3.13	0.0615	0.000269	5.69	0.00149	0.0115	0.000512	0.000193	0.0000907	0.124	0.00000222	0.0000742	0.000832	0.00189	
2024 Sep	0.000369	0.00106	0.161	0.000011	1.6	3.04	0.0586	0.000281	5.58	0.00146	0.0114	0.000484	0.000183	0.0000881	0.121	0.0000022	0.0000739	0.000793	0.00184	
2024 Oct	0.000364	0.00106	0.16	0.000011	1.59	3.01	0.0575	0.000288	5.56	0.00145	0.0114	0.000473	0.000179	0.000087	0.12	0.00000219	0.0000743	0.000779	0.00182	
2024 Nov	0.000361	0.00106	0.159	0.000011	1.59	3	0.057	0.000292	5.55	0.00145	0.0114	0.000469	0.000178	0.0000865	0.119	0.00000219	0.0000745	0.000773	0.00182	
2024 Dec	0.000361	0.00106	0.159	0.000011	1.59	3	0.057	0.000292	5.55	0.00145	0.0114	0.000469	0.000178	0.0000866	0.119	0.0000022	0.0000746	0.000774	0.00182	
2025 Jan	0.000361	0.00106	0.159	0.000011	1.59	3	0.057	0.000292	5.55	0.00145	0.0114	0.000469	0.000178	0.0000866	0.119	0.0000022	0.0000746	0.000774	0.00182	
2025 Feb	0.000361	0.00106	0.159	0.000011	1.59	3	0.057	0.000292	5.55	0.00145	0.0114	0.000469	0.000178	0.0000866	0.119	0.0000022	0.0000746	0.000774	0.00182	
2025 Mar	0.000361	0.00106	0.159	0.000011	1.59	3	0.057	0.000292	5.55	0.00145	0.0114	0.000469	0.000178	0.0000866	0.119	0.0000022	0.0000746	0.000774	0.00182	
2025 Apr	0.000362	0.00106	0.159	0.000011	1.59	3.01	0.057	0.000292	5.56	0.00145	0.0115	0.000469	0.000178	0.0000866	0.119	0.0000022	0.0000746	0.000774	0.00182	
2025 May	0.000366	0.00108	0.161	0.0000111	1.61	3.04	0.0577	0.000296	5.63	0.00147	0.0116	0.000475	0.00018	0.0000877	0.121	0.00000222	0.0000755	0.000784	0.00184	
2025 Jun	0.000338	0.00103	0.153	0.000011	1.53	2.85	0.0533	0.000276	5.3	0.00142	0.0113	0.000436	0.000185	0.000083	0.113	0.0000022	0.0000728	0.000753	0.00187	
2025 Jul	0.000294	0.00095	0.14	0.0000107	1.4	2.54	0.0461	0.000246	4.79	0.00133	0.0108	0.000375	0.000186	0.0000753	0.101	0.00000214	0.0000682	0.00069	0.00186	
2025 Aug	0.000299	0.000979	0.143	0.0000111	1.44	2.59	0.0466	0.000255	4.92	0.00137	0.0111	0.000379	0.000188	0.0000771	0.104	0.00000221	0.0000701	0.000697	0.0019	
2025 Sep	0.000294	0.000979	0.142	0.0000111	1.43	2.57	0.0457	0.000264	4.91	0.00136	0.0111	0.00037	0.000184	0.0000764	0.103	0.00000221	0.0000704	0.000682	0.00188	
2025 Oct	0.000283	0.000965	0.138	0.0000108	1.4	2.5	0.0435	0.000274	4.81	0.00132	0.011	0.000349	0.000174	0.0000737	0.1	0.00000217	0.0000701	0.000651	0.00182	
2025 Nov	0.000277	0.000957	0.135	0.0000107	1.38	2.46	0.0423	0.000279	4.76	0.0013	0.0109	0.000338	0.000169	0.0000723	0.0987	0.00000215	0.0000699	0.000635	0.00179	
2025 Dec	0.000277	0.000958	0.135	0.0000107	1.38	2.46	0.0423	0.000279	4.76	0.0013	0.0109	0.000339	0.000169	0.0000723	0.0987	0.00000215	0.0000699	0.000635	0.00179	
2026 Jan	0.000277	0.000958	0.135	0.0000107	1.38	2.46	0.0423	0.000279	4.76	0.0013	0.0109	0.000339	0.000169	0.0000723	0.0987	0.00000215	0.0000699	0.000635	0.00179	
2026 Feb	0.000277	0.000958	0.135	0.0000107	1.38	2.46	0.0423	0.000279	4.76	0.0013	0.0109	0.000339	0.000169	0.0000723	0.0987	0.00000215	0.0000699	0.000635	0.00179	
2026 Mar	0.000277	0.000958	0.136	0.0000107	1.38	2.46	0.0423	0.000279	4.76	0.00131	0.0109	0.000339	0.000169	0.0000724	0.0988	0.00000215	0.00007	0.000636	0.00179	
2026 Apr	0.000278	0.000961	0.136	0.0000108	1.39	2.47	0.0424	0.00028	4.78	0.00131	0.0109	0.00034	0.000169	0.0000725	0.099	0.00000215	0.0000701	0.000637	0.0018	
2026 May	0.000281	0.00097	0.137	0.0000109	1.4	2.5	0.0429	0.000282	4.83	0.00132	0.011	0.000344	0.000171	0.0000733	0.1	0.00000217	0.0000708	0.000644	0.00181	
2026 Jun	0.000258	0.000901	0.129	0.0000105	1.31	2.3	0.0398	0.000244	4.45	0.00126	0.0105	0.000318	0.00018	0.0000689	0.0924	0.0000021	0.0000662	0.000632	0.00183	
2026 Jul	0.000256	0.00091	0.13	0.0000108	1.32	2.3	0.0394	0.000243	4.46	0.00128	0.0107	0.000314	0.000187	0.0000692	0.0924	0.00000215	0.0000671	0.000637	0.00189	
2026 Aug	0.000255	0.000925	0.131	0.000011	1.34	2.31	0.039	0.00025	4.52	0.00129	0.0109	0.000311	0.000185	0.0000698	0.093	0.00000219	0.000068	0.000628	0.0019	
2026 Sep	0.000256	0.000936	0.132	0.0000111	1.35	2.33	0.039	0.000258	4.56	0.0013	0.011	0.00031	0.000184	0.0000702	0.0937	0.00000221	0.0000689	0.000628	0.00191	
2026 Oct	0.00025	0.000931	0.13	0.000011	1.33	2.3	0.0379	0.000266	4.52	0.00129	0.0109	0.000299	0.000178	0.0000689	0.0926	0.00000219	0.000069	0.000611	0.00187	
2026 Nov	0.000251	0.000934	0.13	0.000011	1.34	2.31	0.038	0.000266	4.54	0.00129	0.0109	0.0003	0.000179	0.0000691	0.0928	0.0000022	0.0000692	0.000612	0.00188	
2026 Dec	0.000251	0.000934	0.13	0.000011	1.34	2.31	0.038	0.000267	4.54	0.00129	0.0109	0.0003	0.000179	0.0000691	0.0928	0.0000022	0.0000692	0.000613	0.00188	
2027 Jan	0.000251	0.000934	0.13	0.000011	1.34	2.31	0.038	0.000267	4.54	0.00129	0.0109	0.0003	0.000179	0.0000691	0.0928	0.0000022	0.0000692	0.000613	0.00188	
2027 Feb	0.000251	0.000934	0.13	0.000011	1.34	2.31	0.038	0.000267	4.54	0.00129	0.0109	0.0003	0.000179	0.0000691	0.0928	0.0000022	0.0000692	0.000613	0.00188	
2027 Mar	0.000251	0.000934	0.13	0.000011	1.34	2.31	0.038	0.000267	4.54	0.00129	0.011	0.0003	0.000179	0.0000691	0.0929	0.0000022	0.0000692	0.000613	0.00188	
2027 Apr	0.000252	0.000938	0.131	0.000011	1.34	2.32	0.0381	0.000268	4.56	0.0013	0.011	0.000301	0.000179	0.0000694	0.0932	0.00000221	0.0000695	0.000615	0.00189	
2027 May	0.000256	0.00095	0.132	0.0000112	1.36	2.35	0.0388	0.000271	4.62	0.00131	0.0111	0.000306	0.000182	0.0000704	0.0946	0.00000224	0.0000704	0.000624	0.00191	
2027 Jun	0.000227	0.000869	0.122	0.0000107	1.25	2.11	0.0346	0.000233	4.17	0.00123	0.0105	0.000271	0.000187	0.0000646	0.0852	0.00000214	0.0000651	0.000596	0.0019	
2027 Jul	0.000214	0.00085	0.119	0.0000108	1.22	2.02	0.0325	0.00022	4.03	0.00122	0.0104	0.000254	0.000193	0.0000627	0.0818	0.00000215	0.0000641	0.000587	0.00194	
2027 Aug	0.000219	0.000878	0.122	0.0000111	1.26	2.08	0.0331	0.000231	4.16	0.00126	0.0108	0.000258	0.000196	0.0000646	0.0842	0.00000222	0.0000662	0.000597	0.00199	
2027 Sep	0.000214	0.000877	0.12	0.000011	1.25	2.06	0.0321	0.000243	4.15	0.00124	0.0107	0.000247	0.000188	0.0000637	0.0835	0.00000221	0.0000664	0.000576	0.00195	
2027 Oct	0.000211	0.000876	0.119	0.000011	1.24	2.04	0.0312	0.000253	4.13	0.00123	0.0107	0.000239	0.000182	0.0000627	0.0828	0.00000219	0.0000667	0.000561	0.00191	
2027 Nov	0.00021	0.000877	0.118	0.0000109	1.24	2.04	0.031	0.000256	4.14	0.00123	0.0107	0.000237	0.00018	0.0000624	0.0827	0.00000219	0.0000669	0.000557	0.0019	
2027 Dec	0.00021	0.000877	0.118	0.0000109	1.24	2.04	0.031	0.000256	4.14	0.00123	0.0107	0.000236	0.00018	0.0000624	0.0827	0.00000219	0.000067	0.000557	0.0019	
2028 Jan	0.00021	0.000877	0.118	0.0000109	1.24	2.04	0.031	0.000256	4.14	0.00123	0.0107	0.000236	0.00018	0.0000624	0.0827	0.00000219	0.000067	0.000557	0.0019	
2028 Feb	0.00021	0.000877	0.118	0.0000109	1.24	2.04	0.031	0.000256	4.14	0.00123	0.0107	0.000236	0.00018	0.0000624	0.0827	0.00000219	0.000067	0.000557	0.0019	
2028 Mar	0.00021	0.000877	0.118	0.0000109	1.24	2.04	0.031	0.000256	4.14	0.00123	0.0107	0.000236	0.00018	0.0000624	0.0827	0.00000219	0.000067	0.000557	0.0019	

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Apr	0.00021	0.000879	0.119	0.000011	1.24	2.04	0.031	0.000257	4.15	0.00123	0.0107	0.000237	0.000181	0.0000626	0.0829	0.00000219	0.0000671	0.000558	0.00191	
2028 May	0.000212	0.000887	0.12	0.0000111	1.25	2.06	0.0313	0.000259	4.18	0.00124	0.0108	0.000239	0.000182	0.0000631	0.0836	0.00000221	0.0000677	0.000563	0.00192	
2028 Jun	0.000192	0.000831	0.112	0.0000108	1.18	1.9	0.0284	0.000231	3.87	0.00119	0.0104	0.000215	0.000187	0.0000592	0.0771	0.00000215	0.0000641	0.000546	0.00193	
2028 Jul	0.000183	0.000816	0.11	0.0000108	1.16	1.84	0.0271	0.000219	3.76	0.00118	0.0104	0.000204	0.000193	0.000058	0.0747	0.00000216	0.0000632	0.000543	0.00196	
2028 Aug	0.000192	0.000857	0.116	0.0000113	1.21	1.92	0.0283	0.000232	3.95	0.00123	0.0109	0.000213	0.000201	0.0000608	0.0783	0.00000226	0.0000662	0.000565	0.00205	
2028 Sep	0.000192	0.000869	0.116	0.0000114	1.22	1.94	0.0281	0.000242	4	0.00124	0.011	0.000211	0.000198	0.000061	0.079	0.00000228	0.0000674	0.000562	0.00205	
2028 Oct	0.000183	0.000856	0.112	0.000011	1.19	1.88	0.0261	0.000262	3.92	0.00119	0.0107	0.000191	0.00018	0.0000579	0.0767	0.0000022	0.0000672	0.000521	0.00193	
2028 Nov	0.000182	0.00086	0.112	0.000011	1.19	1.89	0.0259	0.000267	3.94	0.00119	0.0108	0.000189	0.000178	0.0000577	0.0768	0.00000221	0.0000676	0.000517	0.00192	
2028 Dec	0.000182	0.00086	0.112	0.000011	1.19	1.89	0.0259	0.000267	3.94	0.00119	0.0108	0.000189	0.000178	0.0000577	0.0768	0.00000221	0.0000676	0.000517	0.00192	
2029 Jan	0.000182	0.00086	0.112	0.000011	1.19	1.89	0.0259	0.000267	3.94	0.00119	0.0108	0.000189	0.000178	0.0000577	0.0768	0.00000221	0.0000676	0.000517	0.00192	
2029 Feb	0.000182	0.00086	0.112	0.000011	1.19	1.89	0.0259	0.000267	3.94	0.00119	0.0108	0.000189	0.000178	0.0000577	0.0768	0.00000221	0.0000676	0.000517	0.00192	
2029 Mar	0.000182	0.00086	0.112	0.000011	1.19	1.89	0.0259	0.000267	3.94	0.00119	0.0108	0.000189	0.000178	0.0000578	0.0769	0.00000221	0.0000676	0.000517	0.00192	
2029 Apr	0.000182	0.000861	0.112	0.000011	1.19	1.89	0.0259	0.000267	3.94	0.00119	0.0108	0.000189	0.000178	0.0000578	0.0769	0.00000221	0.0000677	0.000517	0.00192	
2029 May	0.000184	0.000866	0.112	0.0000111	1.2	1.9	0.0261	0.000269	3.96	0.0012	0.0109	0.00019	0.000179	0.0000582	0.0774	0.00000222	0.0000681	0.000521	0.00193	
2029 Jun	0.00018	0.000851	0.111	0.0000111	1.18	1.86	0.0257	0.000256	3.89	0.0012	0.0108	0.000188	0.000185	0.0000576	0.076	0.00000222	0.000067	0.000526	0.00196	
2029 Jul	0.000155	0.000772	0.101	0.0000104	1.07	1.64	0.0221	0.000214	3.45	0.0011	0.00996	0.000161	0.000182	0.0000521	0.067	0.00000209	0.0000606	0.000484	0.00188	
2029 Aug	0.000156	0.000794	0.103	0.0000107	1.09	1.67	0.0221	0.000223	3.54	0.00112	0.0102	0.000161	0.00018	0.0000531	0.0683	0.00000213	0.0000618	0.000478	0.0019	
2029 Sep	0.000157	0.000806	0.104	0.0000108	1.1	1.69	0.022	0.000233	3.6	0.00113	0.0103	0.00016	0.000179	0.0000536	0.0692	0.00000216	0.0000629	0.000476	0.0019	
2029 Oct	0.000156	0.000809	0.103	0.0000107	1.1	1.69	0.0216	0.000242	3.61	0.00113	0.0103	0.000155	0.000174	0.0000531	0.0692	0.00000215	0.0000634	0.000466	0.00187	
2029 Nov	0.000154	0.000807	0.102	0.0000106	1.09	1.68	0.0212	0.000248	3.6	0.00112	0.0102	0.000151	0.000169	0.0000523	0.0687	0.00000213	0.0000635	0.000456	0.00184	
2029 Dec	0.000154	0.000807	0.102	0.0000106	1.09	1.68	0.0212	0.000248	3.6	0.00112	0.0102	0.000151	0.000169	0.0000523	0.0687	0.00000213	0.0000635	0.000456	0.00184	
2030 Jan	0.000154	0.000807	0.102	0.0000106	1.09	1.68	0.0212	0.000248	3.6	0.00112	0.0102	0.000151	0.000169	0.0000523	0.0687	0.00000213	0.0000635	0.000456	0.00184	
2030 Feb	0.000154	0.000807	0.102	0.0000106	1.09	1.68	0.0212	0.000248	3.6	0.00112	0.0102	0.000151	0.000169	0.0000524	0.0688	0.00000213	0.0000635	0.000457	0.00184	
2030 Mar	0.000154	0.000807	0.102	0.0000106	1.09	1.68	0.0212	0.000248	3.6	0.00112	0.0102	0.000151	0.000169	0.0000524	0.0688	0.00000213	0.0000635	0.000457	0.00184	
2030 Apr	0.000154	0.000808	0.102	0.0000106	1.1	1.68	0.0212	0.000249	3.61	0.00112	0.0103	0.000151	0.000169	0.0000524	0.0689	0.00000213	0.0000636	0.000457	0.00184	
2030 May	0.000156	0.000817	0.103	0.0000108	1.11	1.7	0.0214	0.000251	3.64	0.00113	0.0104	0.000153	0.000171	0.000053	0.0696	0.00000215	0.0000643	0.000462	0.00186	
2030 Jun	0.000147	0.00078	0.0997	0.0000106	1.07	1.61	0.0204	0.000227	3.45	0.0011	0.0101	0.000145	0.000179	0.0000512	0.066	0.00000212	0.0000618	0.000465	0.00189	
2030 Jul	0.00014	0.000758	0.0973	0.0000105	1.04	1.55	0.0195	0.000212	3.33	0.00108	0.00991	0.000138	0.000181	0.0000499	0.0636	0.00000209	0.0000599	0.000458	0.00188	
2030 Aug	0.000142	0.000779	0.0994	0.0000107	1.06	1.58	0.0197	0.000218	3.42	0.0011	0.0101	0.00014	0.000181	0.0000509	0.0649	0.00000214	0.0000612	0.000458	0.00191	
2030 Sep	0.000145	0.000799	0.102	0.0000109	1.09	1.62	0.0201	0.000226	3.5	0.00113	0.0104	0.000143	0.000184	0.0000521	0.0666	0.00000219	0.0000627	0.000466	0.00195	
2030 Oct	0.000144	0.0008	0.101	0.0000109	1.08	1.62	0.0197	0.000234	3.51	0.00112	0.0103	0.000139	0.000179	0.0000516	0.0664	0.00000217	0.000063	0.000457	0.00191	
2030 Nov	0.000143	0.0008	0.1	0.0000108	1.08	1.61	0.0194	0.000239	3.51	0.00112	0.0103	0.000136	0.000175	0.0000512	0.0663	0.00000216	0.0000632	0.00045	0.00189	
2030 Dec	0.000143	0.0008	0.1	0.0000108	1.08	1.61	0.0194	0.000239	3.51	0.00112	0.0103	0.000136	0.000176	0.0000512	0.0663	0.00000216	0.0000632	0.000451	0.00189	
2031 Jan	0.000143	0.0008	0.1	0.0000108	1.08	1.61	0.0194	0.000239	3.51	0.00112	0.0103	0.000136	0.000176	0.0000512	0.0663	0.00000216	0.0000632	0.000451	0.00189	
2031 Feb	0.000143	0.0008	0.1	0.0000108	1.08	1.61	0.0194	0.000239	3.51	0.00112	0.0103	0.000136	0.000176	0.0000512	0.0663	0.00000216	0.0000632	0.000451	0.00189	
2031 Mar	0.000143	0.0008	0.1	0.0000108	1.08	1.62	0.0194	0.000239	3.51	0.00112	0.0103	0.000136	0.000176	0.0000512	0.0663	0.00000216	0.0000632	0.000451	0.00189	
2031 Apr	0.000144	0.000803	0.101	0.0000109	1.08	1.62	0.0195	0.00024	3.52	0.00112	0.0104	0.000137	0.000176	0.0000514	0.0665	0.00000217	0.0000635	0.000452	0.0019	
2031 May	0.000156	0.000822	0.105	0.000011	1.11	1.7	0.0215	0.000242	3.64	0.00115	0.0105	0.000155	0.000179	0.0000535	0.0696	0.00000219	0.0000644	0.000475	0.00192	
2031 Jun	0.000213	0.000857	0.118	0.0000107	1.22	2.02	0.032	0.000228	4.04	0.00121	0.0105	0.00025	0.000186	0.0000621	0.0817	0.00000214	0.0000645	0.000574	0.0019	
2031 Jul	0.00022	0.000892	0.123	0.0000112	1.27	2.1	0.0331	0.000236	4.2	0.00126	0.0109	0.000258	0.000195	0.0000645	0.0847	0.00000224	0.0000672	0.000596	0.00199	
2031 Aug	0.000222	0.000911	0.125	0.0000114	1.29	2.13	0.0331	0.000244	4.28	0.00128	0.0111	0.000258	0.000194	0.0000655	0.0859	0.00000228	0.0000683	0.000593	0.00201	
2031 Sep	0.000213	0.0009	0.121	0.0000112	1.26	2.07	0.0313	0.000259	4.22	0.00125	0.0109	0.00024	0.000182	0.0000635	0.084	0.00000224	0.0000681	0.000559	0.00193	
2031 Oct	0.000201	0.000885	0.116	0.0000108	1.22	2	0.0288	0.000279	4.12	0.0012	0.0107	0.000217	0.000164	0.00006	0.0813	0.00000216	0.000068	0.000517	0.00182	
2031 Nov	0.0002	0.000887	0.116	0.0000108	1.22	2	0.0287	0.000282	4.13	0.0012	0.0107	0.000215	0.000163	0.0000599	0.0813	0.00000216	0.0000682	0.000515	0.00181	
2031 Dec	0.000201	0.000887	0.116	0.0000108	1.22	2	0.0287	0.000282	4.13	0.0012	0.0107	0.000216	0.000163	0.0000599	0.0813	0.00000216	0.0000682	0.000515	0.00181	
2032 Jan	0.000201	0.000887	0.116	0.0000108	1.22	2	0.0287	0.000282	4.13	0.0012	0.0107	0.000216	0.000163	0.0000599	0.0813	0.00000216	0.0000682	0.000515	0.00181	
2032 Feb	0.000201	0.000887	0.116	0.0000108	1.22	2	0.0287	0.000282	4.13	0.0012	0.0107	0.000216	0.000163	0.0000599	0.0813	0.00000216	0.0000682	0.000515	0.00181	
2032 Mar	0.000201	0.000887	0.116	0.0000108	1.22	2.01	0.0287	0.000282	4.13	0.0012	0.0107	0.000216	0.000163	0.00006	0.0813	0.00000216	0.0000682	0.000515	0.00181	
2032 Apr	0.000201	0.000889	0.116	0.0000108	1.22	2.01	0.0287	0.000282	4.14	0.0012	0.0107	0.000216	0.000164	0.0000601	0.0815	0.00000217	0.0000683	0.000516	0.00182	
2032 May	0.000203	0.000898	0.117	0.000011	1.24	2.03	0.0291	0.000285	4.18	0.00121	0.0109	0.000219	0.000165	0.0000607	0.0824	0.00000219	0.000069	0.000522	0.00183	
2032 Jun	0.000186	0.000824	0.11	0.0000105	1.15	1.86	0.0271	0.000239	3.81	0.00115	0.0102	0.000204	0.000176	0.000057	0.0754	0.0000021	0.0000637	0.000519	0.00185	
2032 Jul	0.00016	0.000749	0.0995	0.00000986	1.04	1.64	0.0232	0.000205	3.4	0.00106	0.00948	0.000174	0.000171	0.0000514	0.0667	0.00000197	0.0000579	0.000474	0.00176	
2032 Aug	0.000159	0.000762	0.0998	0.00001	1.05	1.65	0.0229	0.000216	3.46	0.00107	0.00957	0.00017	0.000166	0.0000521	0.0674	0.000002	0.0000586	0.00046	0.00175	
2032 Sep	0.00016	0.000774	0.101	0.0000101	1.07	1.67	0.0229	0.000225	3.52	0.00109	0.0097	0.000169	0.000165	0.0000528	0.0684	0.00000203	0.0000597	0.000458	0.00177	
2032 Oct	0.000161	0.000781	0.101	0.0000102	1.08	1.68	0.0229	0.00023	3.55	0.00109	0.00977	0.000169	0.000164	0.0000529	0.0688	0.00000204	0.0000603	0.000458	0.00177	
2032 Nov	0.000161	0.000782	0.101	0.0000102	1.08	1.69	0.0228	0.000232	3.55	0.00109	0.00978	0.000168	0.000163	0.0000528	0.0689	0.00000204	0.0000605	0.000457	0.00176	
2032 Dec	0.00016	0.000781	0.101	0.0000102	1.07	1.68	0.0227	0.000234	3.55	0.00109	0.00977	0.000166	0.000162	0.0000526	0.0687	0.00000203	0.0000605	0.000453	0.00175	
2033 Jan	0.00016	0.000781	0.101	0.0000102	1.07	1.68	0.0227	0.000234	3.55	0.00109	0.00977	0.000166	0.000162	0.0000526	0.0687	0.00000203	0.0000605	0.000454	0.00175	
2033 Feb	0.00016	0.000781	0.101	0.0000102	1.07	1.68	0.0227	0.000234	3.55	0.00109	0.00977	0.000166	0.000162	0.0000526	0.0687	0.00000203	0.0000605	0.000454	0.00175	
2033 Mar	0.00016	0.000782	0.101	0.0000102	1.08	1.68	0.0227	0.000234	3.55	0.00109	0.00978	0.000166	0.000162	0.0000527	0.0688	0.00000203	0.0000605	0.000454	0.00176	
2033 Apr	0.000161	0.000785	0.101	0.0000102	1.08	1.69	0.0228	0.000235	3.57	0.00109	0.00982	0.000167	0.000163	0.0000529	0.0691	0.00000204	0.0000608	0.000456	0.00176	
2033 May	0.000205	0.000831	0.113	0.0000103	1.18	1.96	0.0306	0.000234	3.94	0.00116	0.01	0.000237	0.00017	0.00006	0.0792	0.00000205	0.0000624	0.000533	0.00178	
2033 Jun	0.000259	0.000846	0.125	0.00000976	1.25	2.24	0.0408	0.000209	4.24	0.0012	0.00976	0.000331	0.000175	0.0000673	0.0896	0.00000195	0.0000609	0.000628	0.00173	
2033 Jul	0.00026	0.000861	0.127	0.00001	1.27	2.26	0.0407	0.000212	4.29	0.00122	0.00997	0.000331	0.00018	0.0000681	0.0904	0.000002	0.000062	0.000633	0.00177	
2033 Aug	0.000267	0.000894	0.131	0.0000104	1.31	2.33	0.0418	0.000221	4.45	0.00126	0.0103	0.00034	0.000185	0.0000703	0.0934	0.00000208	0.0000643	0.000649	0.00183	
2033 Sep	0.000257	0.000887	0.127	0.0000103	1.29	2.28	0.0397	0.000237	4.39	0.00124	0.0103	0.000319	0.000174	0.0000682	0.0914	0.00000205	0.0000645	0.000616	0.00177	
2033 Oct	0.000232	0.000865	0.119	0.00000985	1.22	2.14	0.0347	0.000267	4.21	0.00116	0.01	0.000273	0.00015	0.0000624	0.0859	0.00000197	0.0000646	0.000545	0.00163	
2033 Nov	0.00023	0.000867	0.118	0.00000985	1.22	2.13	0.0342	0.000273	4.21	0.00116	0.01	0.000267	0.000147	0.0000619	0.0857	0.00000197	0.000065	0.000537	0.00162	

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Dec	0.00023	0.000868	0.118	0.00000985	1.22	2.13	0.0342	0.000273	4.21	0.00116	0.01	0.000267	0.000147	0.000062	0.0857	0.00000197	0.000065	0.000537	0.00162	
2034 Jan	0.00023	0.000868	0.118	0.00000985	1.22	2.13	0.0342	0.000273	4.21	0.00116	0.01	0.000267	0.000147	0.000062	0.0857	0.00000197	0.000065	0.000537	0.00162	
2034 Feb	0.00023	0.000868	0.118	0.00000985	1.22	2.13	0.0342	0.000273	4.21	0.00116	0.01	0.000267	0.000147	0.000062	0.0857	0.00000197	0.000065	0.000537	0.00162	
2034 Mar	0.00023	0.000868	0.118	0.00000986	1.22	2.13	0.0342	0.000274	4.22	0.00116	0.01	0.000268	0.000147	0.000062	0.0857	0.00000197	0.000065	0.000538	0.00162	
2034 Apr	0.000231	0.000871	0.119	0.00000989	1.23	2.14	0.0343	0.000275	4.23	0.00116	0.0101	0.000268	0.000147	0.0000622	0.086	0.00000198	0.0000653	0.000539	0.00163	
2034 May	0.000246	0.000893	0.123	0.00001	1.27	2.24	0.0369	0.000276	4.38	0.0012	0.0102	0.000291	0.000152	0.0000649	0.0898	0.000002	0.0000664	0.000568	0.00165	
2034 Jun	0.000297	0.000916	0.136	0.00000983	1.35	2.51	0.0465	0.000249	4.69	0.00126	0.0102	0.00038	0.000165	0.0000727	0.1	0.00000197	0.0000656	0.000668	0.00167	
2034 Jul	0.00029	0.000916	0.135	0.00000996	1.34	2.47	0.0452	0.000246	4.64	0.00126	0.0102	0.000369	0.000167	0.000072	0.0985	0.00000199	0.0000655	0.000658	0.0017	
2034 Aug	0.000303	0.000962	0.141	0.0000105	1.41	2.59	0.0472	0.000259	4.87	0.00132	0.0107	0.000385	0.000174	0.0000754	0.103	0.00000209	0.0000688	0.000686	0.00178	
2034 Sep	0.00029	0.000953	0.137	0.0000103	1.38	2.52	0.0446	0.000275	4.79	0.00129	0.0107	0.00036	0.000164	0.0000727	0.1	0.00000207	0.0000691	0.000651	0.00172	
2034 Oct	0.000269	0.000932	0.13	0.00001	1.32	2.4	0.0405	0.000294	4.63	0.00123	0.0105	0.000322	0.000147	0.0000681	0.0957	0.00000201	0.0000689	0.000596	0.00163	
2034 Nov	0.000268	0.000934	0.13	0.0000101	1.33	2.4	0.0404	0.000297	4.64	0.00123	0.0105	0.000321	0.000147	0.000068	0.0958	0.00000201	0.0000691	0.000594	0.00163	
2034 Dec	0.000268	0.000935	0.13	0.0000101	1.33	2.4	0.0404	0.000297	4.64	0.00123	0.0105	0.000321	0.000147	0.0000681	0.0958	0.00000201	0.0000691	0.000594	0.00163	
2035 Jan	0.000268	0.000935	0.13	0.0000101	1.33	2.4	0.0404	0.000297	4.64	0.00123	0.0105	0.000321	0.000147	0.0000681	0.0958	0.00000201	0.0000691	0.000594	0.00163	
2035 Feb	0.000268	0.000935	0.13	0.0000101	1.33	2.4	0.0404	0.000297	4.64	0.00123	0.0105	0.000321	0.000147	0.0000681	0.0958	0.00000201	0.0000691	0.000594	0.00163	
2035 Mar	0.000269	0.000935	0.13	0.0000101	1.33	2.4	0.0404	0.000297	4.64	0.00123	0.0105	0.000321	0.000147	0.0000681	0.0958	0.00000202	0.0000691	0.000595	0.00163	
2035 Apr	0.000269	0.000938	0.13	0.0000101	1.33	2.41	0.0405	0.000298	4.65	0.00124	0.0105	0.000322	0.000148	0.0000683	0.0961	0.00000202	0.0000694	0.000596	0.00163	
2035 May	0.000276	0.000954	0.133	0.0000103	1.36	2.46	0.0416	0.000301	4.74	0.00126	0.0107	0.000332	0.00015	0.0000698	0.0982	0.00000205	0.0000704	0.000611	0.00166	
2035 Jun	0.000273	0.000889	0.129	0.00000979	1.3	2.37	0.0424	0.000248	4.47	0.00122	0.0101	0.000342	0.000165	0.0000686	0.0943	0.00000196	0.0000649	0.000635	0.00168	
2035 Jul	0.000262	0.000878	0.127	0.00000991	1.28	2.29	0.0405	0.000239	4.37	0.00122	0.0101	0.000326	0.00017	0.0000672	0.0916	0.00000198	0.0000643	0.000626	0.00172	
2035 Aug	0.000262	0.000895	0.128	0.0000101	1.3	2.32	0.0404	0.00025	4.45	0.00124	0.0103	0.000324	0.000169	0.0000682	0.0928	0.00000203	0.0000656	0.000621	0.00174	
2035 Sep	0.000241	0.000871	0.12	0.00000984	1.24	2.19	0.0361	0.000273	4.29	0.00118	0.01	0.000284	0.000149	0.0000639	0.0881	0.00000197	0.000065	0.000557	0.00163	
2035 Oct	0.000231	0.000869	0.117	0.00000974	1.22	2.14	0.034	0.000289	4.25	0.00115	0.00999	0.000263	0.000139	0.0000617	0.0862	0.00000195	0.0000657	0.000527	0.00157	
2035 Nov	0.000224	0.000862	0.115	0.00000962	1.2	2.1	0.0327	0.000296	4.19	0.00113	0.00992	0.000251	0.000133	0.0000601	0.0846	0.00000192	0.0000656	0.000508	0.00154	
2035 Dec	0.000224	0.000862	0.115	0.00000962	1.2	2.1	0.0327	0.000296	4.19	0.00113	0.00992	0.000251	0.000133	0.0000601	0.0847	0.00000192	0.0000656	0.000509	0.00154	
2036 Jan	0.000224	0.000862	0.115	0.00000962	1.2	2.1	0.0327	0.000296	4.19	0.00113	0.00992	0.000251	0.000133	0.0000601	0.0847	0.00000192	0.0000656	0.000509	0.00154	
2036 Feb	0.000224	0.000862	0.115	0.00000962	1.2	2.1	0.0327	0.000296	4.19	0.00113	0.00992	0.000251	0.000133	0.0000601	0.0847	0.00000192	0.0000656	0.000509	0.00154	
2036 Mar	0.000224	0.000862	0.115	0.00000962	1.2	2.1	0.0327	0.000296	4.19	0.00113	0.00992	0.000251	0.000133	0.0000601	0.0847	0.00000192	0.0000656	0.000509	0.00154	
2036 Apr	0.000226	0.000866	0.116	0.00000966	1.21	2.12	0.033	0.000297	4.22	0.00114	0.00996	0.000253	0.000134	0.0000604	0.0851	0.00000193	0.0000659	0.000512	0.00154	
2036 May	0.000231	0.000882	0.118	0.00000981	1.23	2.16	0.0339	0.000302	4.3	0.00116	0.0101	0.000259	0.000136	0.0000615	0.087	0.00000196	0.000067	0.000523	0.00157	
2036 Jun	0.000219	0.000831	0.113	0.00000965	1.18	2.04	0.0325	0.000262	4.03	0.00113	0.00979	0.00025	0.00015	0.0000594	0.082	0.00000193	0.0000633	0.000532	0.00163	
2036 Jul	0.000207	0.000817	0.111	0.00000975	1.15	1.96	0.0307	0.000248	3.91	0.00112	0.00976	0.000235	0.000156	0.000058	0.0789	0.00000195	0.0000622	0.000522	0.00167	
2036 Aug	0.000214	0.00085	0.115	0.0000101	1.2	2.03	0.0316	0.000259	4.06	0.00116	0.0101	0.000242	0.000161	0.0000601	0.0818	0.00000203	0.0000646	0.000537	0.00173	
2036 Sep	0.00021	0.000851	0.114	0.0000101	1.19	2.02	0.0308	0.000268	4.06	0.00116	0.0101	0.000234	0.000156	0.0000597	0.0815	0.00000203	0.0000649	0.000523	0.0017	
2036 Oct	0.000202	0.000846	0.111	0.00000998	1.17	1.97	0.0291	0.000282	4.01	0.00113	0.0101	0.000218	0.000146	0.0000576	0.0798	0.000002	0.0000653	0.000496	0.00164	
2036 Nov	0.000201	0.000845	0.11	0.00000994	1.17	1.97	0.0287	0.000286	4	0.00112	0.01	0.000215	0.000143	0.0000572	0.0795	0.00000199	0.0000653	0.00049	0.00163	
2036 Dec	0.0002	0.000845	0.11	0.00000993	1.17	1.96	0.0286	0.000286	4	0.00112	0.01	0.000213	0.000143	0.000057	0.0793	0.00000199	0.0000653	0.000488	0.00162	
2037 Jan	0.0002	0.000845	0.11	0.00000993	1.17	1.96	0.0286	0.000286	4	0.00112	0.01	0.000213	0.000143	0.000057	0.0793	0.00000199	0.0000653	0.000488	0.00163	
2037 Feb	0.0002	0.000845	0.11	0.00000993	1.17	1.96	0.0286	0.000286	4	0.00112	0.01	0.000213	0.000143	0.000057	0.0793	0.00000199	0.0000653	0.000488	0.00163	
2037 Mar	0.0002	0.000846	0.11	0.00000994	1.17	1.96	0.0286	0.000287	4	0.00112	0.01	0.000214	0.000143	0.0000571	0.0794	0.00000199	0.0000654	0.000488	0.00163	
2037 Apr	0.000201	0.000847	0.111	0.00000996	1.17	1.97	0.0287	0.000287	4.01	0.00113	0.0101	0.000214	0.000143	0.0000572	0.0796	0.00000199	0.0000655	0.000489	0.00163	
2037 May	0.000243	0.000887	0.122	0.00000999	1.26	2.22	0.0363	0.00028	4.35	0.00119	0.0102	0.000283	0.000151	0.0000641	0.0891	0.000002	0.0000666	0.000566	0.00165	
2037 Jun	0.000282	0.000884	0.13	0.00000955	1.3	2.41	0.0441	0.000246	4.51	0.00122	0.00989	0.000357	0.00016	0.0000695	0.0959	0.00000191	0.000064	0.000641	0.00163	
2037 Jul	0.000285	0.000905	0.133	0.00000987	1.33	2.44	0.0444	0.00025	4.59	0.00125	0.0102	0.000359	0.000166	0.0000708	0.0974	0.00000197	0.0000655	0.000653	0.00169	
2037 Aug	0.000292	0.000934	0.136	0.0000102	1.37	2.51	0.0454	0.000259	4.73	0.00128	0.0105	0.000367	0.000169	0.0000728	0.1	0.00000204	0.0000675	0.000666	0.00173	
2037 Sep	0.000293	0.000948	0.138	0.0000104	1.39	2.53	0.0453	0.000269	4.79	0.0013	0.0107	0.000365	0.000169	0.0000734	0.101	0.00000207	0.0000688	0.000666	0.00175	
2037 Oct	0.000281	0.000939	0.134	0.0000102	1.36	2.47	0.043	0.000281	4.71	0.00127	0.0106	0.000344	0.00016	0.0000709	0.0985	0.00000204	0.0000689	0.000635	0.0017	
2037 Nov	0.00028	0.00094	0.134	0.0000102	1.36	2.46	0.0428	0.000284	4.71	0.00127	0.0106	0.000342	0.000159	0.0000706	0.0984	0.00000204	0.0000691	0.000632	0.00169	
2037 Dec	0.00028	0.00094	0.134	0.0000102	1.36	2.46	0.0428	0.000284	4.72	0.00127	0.0106	0.000342	0.000159	0.0000707	0.0984	0.00000204	0.0000691	0.000632	0.00169	
2038 Jan	0.00028	0.00094	0.134	0.0000102	1.36	2.46	0.0428	0.000284	4.72	0.00127	0.0106	0.000342	0.000159	0.0000707	0.0984	0.00000204	0.0000691	0.000632	0.00169	
2038 Feb	0.00028	0.00094	0.134	0.0000102	1.36	2.46	0.0428	0.000284	4.72	0.00127	0.0106	0.000342	0.000159	0.0000707	0.0984	0.00000204	0.0000691	0.000632	0.00169	
2038 Mar	0.00028	0.000941	0.134	0.0000102	1.36	2.46	0.0428	0.000284	4.72	0.00127	0.0106	0.000342	0.000159	0.0000707	0.0984	0.00000205	0.0000691	0.000632	0.00169	
2038 Apr	0.000281	0.000943	0.134	0.0000102	1.36	2.47	0.0429	0.000285	4.73	0.00127	0.0106	0.000343	0.000159	0.0000708	0.0987	0.00000205	0.0000693	0.000633	0.0017	
2038 May	0.000296	0.000962	0.139	0.0000103	1.4	2.57	0.0456	0.000285	4.87	0.0013	0.0108	0.000367	0.000163	0.0000736	0.102	0.00000207	0.0000702	0.000662	0.00172	
2038 Jun	0.000333	0.000964	0.147	0.00001	1.45	2.75	0.0529	0.000255	5.04	0.00133	0.0105	0.000435	0.000172	0.0000788	0.109	0.000002	0.0000681	0.000735	0.00171	
2038 Jul	0.000345	0.001	0.152	0.0000105	1.5	2.85	0.0546	0.000264	5.23	0.00139	0.011	0.000449	0.000182	0.0000819	0.113	0.0000021	0.0000711	0.000765	0.0018	
2038 Aug	0.000353	0.00104	0.157	0.0000109	1.56	2.94	0.0559	0.000279	5.42	0.00144	0.0114	0.000458	0.000186	0.0000847	0.117	0.00000219	0.0000738	0.000782	0.00186	
2038 Sep	0.000349	0.00104	0.156	0.000011	1.55	2.92	0.0549	0.000288	5.41	0.00143	0.0114	0.000448	0.000182	0.000084	0.116	0.00000219	0.0000744	0.000768	0.00185	
2038 Oct	0.00034	0.00104	0.153	0.0000109	1.53	2.87	0.0532	0.000296	5.36	0.00141	0.0114	0.000433	0.000176	0.0000823	0.114	0.00000218	0.0000745	0.000747	0.00182	
2038 Nov	0.00034	0.00104	0.153	0.0000109	1.54	2.88	0.0531	0.000298	5.36	0.00141	0.0114	0.000432	0.000176	0.0000823	0.114	0.00000218	0.0000747	0.000746	0.00182	
2038 Dec	0.00034	0.00104	0.153	0.0000109	1.54	2.88	0.0532	0.000298	5.36	0.00141	0.0114	0.000432	0.000176	0.0000823	0.114	0.00000218	0.0000747	0.000747	0.00182	
2039 Jan	0.00034	0.00104	0.153	0.0000109	1.54	2.88	0.0532	0.000298	5.36	0.00141	0.0114	0.000432	0.000176	0.0000823	0.114	0.00000218	0.0000747	0.000747	0.00182	
2039 Feb	0.00034	0.00104	0.153	0.0000109	1.54	2.88	0.0532	0.000298	5.36	0.00141	0.0114	0.000432	0.000176	0.0000823	0.114	0.00000218	0.0000747	0.000747	0.00182	
2039 Mar	0.000341	0.00104	0.154	0.0000109	1.54	2.88	0.0532	0.000298	5.37	0.00141	0.0114	0.000433	0.000176	0.0000823	0.114	0.00000218	0.0000747	0.000747	0.00182	
2039 Apr	0.000341	0.00104	0.154	0.0000109	1.54	2.88	0.0533	0.000299	5.38	0.00142	0.0115	0.000434	0.000177	0.0000825	0.115	0.00000219	0.0000749	0.000749	0.00183	
2039 May	0.000345	0.00106	0.156	0.0000111	1.56	2.92	0.0539	0.000302	5.44	0.00143	0.0116	0.000439	0.000179	0.0000835	0.116	0.00000221	0.0000758	0.000758	0.00185	
2039 Jun	0.00028	0.000927	0.134	0.0000104	1.39	2.46	0.0437	0.000258	5	0.0013	0.0106	0.00035	0.000186	0.0000734	0.0988	0.00000211	0.0000775	0.000672	0.00183	0.00000461
2039 Jul	0.000239	0.000858	0.12	0.00000987	1.29	2.18	0.0368	0.000237	4.84	0.00121	0.00992	0.000292	0.000181	0.0000672	0.0883	0.00000203	0.0000808	0.000592	0.00176	0.00000866

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Aug	0.000231	0.000873	0.119	0.00001	1.3	2.16	0.0351	0.000245	4.96	0.00121	0.00998	0.00028	0.000175	0.000067	0.0877	0.00000207	0.0000842	0.000558	0.00174	0.0000102
2039 Sep	0.000233	0.000889	0.12	0.0000102	1.32	2.19	0.0353	0.000254	5.03	0.00123	0.0102	0.00028	0.000175	0.0000678	0.0889	0.0000021	0.0000856	0.000561	0.00176	0.0000102
2039 Oct	0.000231	0.00089	0.12	0.0000101	1.32	2.18	0.0347	0.00026	5.03	0.00122	0.0102	0.000274	0.000172	0.0000672	0.0885	0.0000021	0.000086	0.000553	0.00174	0.0000103
2039 Nov	0.000231	0.000892	0.12	0.0000102	1.32	2.18	0.0348	0.000261	5.05	0.00122	0.0102	0.000275	0.000172	0.0000673	0.0887	0.0000021	0.0000863	0.000554	0.00175	0.0000104
2039 Dec	0.000231	0.000892	0.12	0.0000102	1.32	2.18	0.0348	0.000261	5.05	0.00122	0.0102	0.000275	0.000172	0.0000674	0.0887	0.0000021	0.0000864	0.000554	0.00175	0.0000104
2040 Jan	0.000231	0.000892	0.12	0.0000102	1.32	2.18	0.0348	0.000261	5.05	0.00122	0.0102	0.000275	0.000172	0.0000674	0.0887	0.0000021	0.0000864	0.000554	0.00175	0.0000104
2040 Feb	0.000231	0.000892	0.12	0.0000102	1.32	2.18	0.0348	0.000261	5.05	0.00122	0.0102	0.000275	0.000172	0.0000674	0.0887	0.0000021	0.0000864	0.000554	0.00175	0.0000104
2040 Mar	0.000231	0.000892	0.12	0.0000102	1.32	2.18	0.0348	0.000262	5.05	0.00122	0.0102	0.000275	0.000173	0.0000674	0.0888	0.0000021	0.0000865	0.000554	0.00175	0.0000104
2040 Apr	0.000232	0.000894	0.12	0.0000102	1.32	2.19	0.0349	0.000262	5.06	0.00123	0.0102	0.000276	0.000173	0.0000676	0.089	0.00000211	0.0000866	0.000555	0.00175	0.0000104
2040 May	0.000243	0.000911	0.124	0.0000103	1.35	2.26	0.0368	0.000264	5.17	0.00125	0.0104	0.000292	0.000176	0.0000696	0.0918	0.00000213	0.0000875	0.000576	0.00177	0.0000104
2040 Jun	0.000282	0.000905	0.131	0.00000978	1.4	2.46	0.0446	0.000237	5.4	0.00127	0.01	0.000364	0.000185	0.000075	0.0989	0.00000203	0.0000874	0.000655	0.00174	0.0000116
2040 Jul	0.00028	0.000915	0.132	0.00000998	1.42	2.46	0.0442	0.00024	5.49	0.00129	0.0102	0.000359	0.00019	0.0000756	0.0992	0.00000208	0.0000904	0.000658	0.00179	0.0000126
2040 Aug	0.000283	0.000936	0.134	0.0000102	1.45	2.5	0.0445	0.000247	5.59	0.00132	0.0104	0.000362	0.000192	0.0000769	0.101	0.00000213	0.0000918	0.000662	0.00182	0.0000126
2040 Sep	0.000281	0.000941	0.133	0.0000103	1.45	2.49	0.0439	0.000256	5.59	0.00132	0.0104	0.000355	0.000189	0.0000768	0.101	0.00000214	0.0000919	0.000652	0.00181	0.0000124
2040 Oct	0.000279	0.000946	0.133	0.0000104	1.45	2.49	0.0434	0.000263	5.59	0.00132	0.0105	0.000351	0.000187	0.0000765	0.101	0.00000215	0.0000922	0.000646	0.00181	0.0000122
2040 Nov	0.00028	0.000948	0.134	0.0000104	1.45	2.5	0.0435	0.000264	5.6	0.00132	0.0105	0.000351	0.000187	0.0000766	0.101	0.00000216	0.0000925	0.000647	0.00181	0.0000122
2040 Dec	0.00028	0.000948	0.134	0.0000104	1.45	2.5	0.0435	0.000264	5.6	0.00132	0.0105	0.000351	0.000187	0.0000766	0.101	0.00000216	0.0000925	0.000647	0.00181	0.0000122
2041 Jan	0.00028	0.000948	0.134	0.0000104	1.45	2.5	0.0435	0.000264	5.6	0.00132	0.0105	0.000351	0.000187	0.0000766	0.101	0.00000216	0.0000925	0.000647	0.00181	0.0000122
2041 Feb	0.00028	0.000949	0.134	0.0000104	1.45	2.5	0.0435	0.000264	5.6	0.00132	0.0105	0.000351	0.000187	0.0000766	0.101	0.00000216	0.0000925	0.000647	0.00181	0.0000122
2041 Mar	0.00028	0.000949	0.134	0.0000104	1.45	2.5	0.0435	0.000264	5.61	0.00132	0.0105	0.000351	0.000187	0.0000767	0.101	0.00000216	0.0000925	0.000648	0.00181	0.0000122
2041 Apr	0.00028	0.000951	0.134	0.0000104	1.46	2.5	0.0436	0.000265	5.62	0.00133	0.0106	0.000352	0.000187	0.0000768	0.101	0.00000216	0.0000927	0.000649	0.00182	0.0000122
2041 May	0.000284	0.000959	0.135	0.0000105	1.47	2.53	0.0443	0.000267	5.68	0.00134	0.0106	0.000357	0.000189	0.0000777	0.102	0.00000218	0.0000938	0.000657	0.00183	0.0000125
2041 Jun	0.000241	0.000866	0.121	0.00001	1.34	2.22	0.0375	0.000234	5.19	0.00124	0.01	0.000298	0.000194	0.0000701	0.0903	0.00000209	0.0000907	0.000608	0.00183	0.0000137
2041 Jul	0.000206	0.000796	0.108	0.00000952	1.25	1.97	0.0319	0.000215	4.94	0.00116	0.00937	0.00025	0.000192	0.0000642	0.081	0.000002	0.0000919	0.00055	0.00177	0.0000167
2041 Aug	0.000212	0.000827	0.112	0.00000989	1.29	2.03	0.0326	0.000226	5.1	0.0012	0.00972	0.000255	0.000196	0.0000664	0.0837	0.00000208	0.0000947	0.00056	0.00183	0.000017
2041 Sep	0.000212	0.000837	0.113	0.00001	1.3	2.05	0.0325	0.000235	5.14	0.00121	0.00983	0.000253	0.000194	0.0000667	0.0843	0.0000021	0.0000954	0.000557	0.00183	0.0000169
2041 Oct	0.000209	0.00084	0.112	0.00000997	1.3	2.04	0.0318	0.000245	5.18	0.0012	0.00984	0.000246	0.00019	0.0000663	0.0842	0.0000021	0.000097	0.000546	0.00181	0.0000174
2041 Nov	0.00021	0.000843	0.112	0.00000999	1.31	2.05	0.0318	0.000248	5.23	0.00121	0.00987	0.000246	0.000191	0.0000665	0.0846	0.0000021	0.0000985	0.000546	0.00181	0.0000181
2041 Dec	0.00021	0.000843	0.112	0.00000999	1.31	2.05	0.0319	0.000248	5.24	0.00121	0.00987	0.000246	0.000191	0.0000666	0.0846	0.00000211	0.0000987	0.000546	0.00181	0.0000181
2042 Jan	0.00021	0.000843	0.112	0.00000999	1.31	2.05	0.0319	0.000248	5.24	0.00121	0.00987	0.000246	0.000191	0.0000666	0.0846	0.00000211	0.0000987	0.000546	0.00181	0.0000181
2042 Feb	0.00021	0.000843	0.112	0.00000999	1.31	2.05	0.0319	0.000248	5.24	0.00121	0.00987	0.000246	0.000191	0.0000666	0.0846	0.00000211	0.0000987	0.000546	0.00181	0.0000181
2042 Mar	0.00021	0.000844	0.112	0.00001	1.31	2.05	0.0319	0.000248	5.24	0.00121	0.00987	0.000246	0.000191	0.0000666	0.0847	0.00000211	0.0000988	0.000547	0.00181	0.0000182
2042 Apr	0.000211	0.000847	0.112	0.00001	1.32	2.06	0.032	0.000249	5.26	0.00121	0.00992	0.000247	0.000192	0.0000669	0.085	0.00000212	0.0000992	0.000549	0.00182	0.0000182
2042 May	0.000216	0.000863	0.115	0.0000102	1.34	2.11	0.0329	0.000253	5.36	0.00123	0.0101	0.000255	0.000195	0.0000683	0.0868	0.00000215	0.000101	0.000561	0.00185	0.0000184
2042 Jun	0.000198	0.000812	0.108	0.00000993	1.27	1.96	0.0303	0.00023	5.02	0.00119	0.00971	0.000232	0.000198	0.0000645	0.0809	0.00000209	0.0000961	0.000546	0.00185	0.0000178
2042 Jul	0.000184	0.000788	0.104	0.00000981	1.23	1.85	0.0278	0.00022	4.88	0.00115	0.00952	0.000212	0.000197	0.000062	0.077	0.00000207	0.0000955	0.000521	0.00183	0.0000185
2042 Aug	0.000173	0.000781	0.0994	0.00000963	1.22	1.81	0.0258	0.00024	4.98	0.00113	0.00928	0.000193	0.000182	0.0000614	0.0759	0.00000204	0.0000991	0.000471	0.00174	0.0000207
2042 Sep	0.000168	0.000782	0.0969	0.00000955	1.23	1.8	0.0246	0.000261	5.08	0.00112	0.0092	0.000179	0.000172	0.0000611	0.0758	0.00000203	0.000102	0.000442	0.00169	0.0000223
2042 Oct	0.000165	0.000784	0.0955	0.00000944	1.23	1.79	0.0239	0.000275	5.17	0.00111	0.00918	0.000172	0.000167	0.0000606	0.0758	0.00000202	0.000106	0.000429	0.00165	0.000024
2042 Nov	0.000166	0.000787	0.0956	0.00000945	1.24	1.8	0.0239	0.000277	5.23	0.00112	0.0092	0.000172	0.000167	0.000061	0.0761	0.00000202	0.000108	0.000429	0.00165	0.0000248
2042 Dec	0.000166	0.000787	0.0956	0.00000945	1.24	1.8	0.024	0.000277	5.23	0.00112	0.0092	0.000172	0.000167	0.000061	0.0762	0.00000202	0.000108	0.000429	0.00165	0.0000249
2043 Jan	0.000166	0.000787	0.0956	0.00000945	1.24	1.8	0.024	0.000277	5.24	0.00112	0.0092	0.000172	0.000167	0.000061	0.0762	0.00000202	0.000108	0.000429	0.00165	0.0000249
2043 Feb	0.000166	0.000787	0.0956	0.00000945	1.24	1.8	0.024	0.000277	5.24	0.00112	0.0092	0.000172	0.000167	0.000061	0.0762	0.00000202	0.000108	0.000429	0.00165	0.0000249
2043 Mar	0.000166	0.000787	0.0957	0.00000946	1.24	1.8	0.024	0.000277	5.24	0.00112	0.0092	0.000172	0.000167	0.0000661	0.0762	0.00000202	0.000108	0.000429	0.00165	0.0000249
2043 Apr	0.000166	0.00079	0.096	0.00000949	1.25	1.81	0.0241	0.000278	5.26	0.00112	0.00924	0.000172	0.000168	0.0000613	0.0765	0.00000203	0.000109	0.000431	0.00166	0.000025
2043 May	0.000177	0.00081	0.0997	0.00000965	1.28	1.88	0.0258	0.000282	5.38	0.00115	0.00942	0.000188	0.000172	0.0000633	0.0793	0.00000206	0.00011	0.000451	0.00169	0.000025
2043 Jun	0.000232	0.000839	0.114	0.00000944	1.36	2.18	0.0361	0.000256	5.57	0.00121	0.00942	0.000283	0.000182	0.0000707	0.0901	0.00000201	0.000105	0.000561	0.0017	0.000023
2043 Jul	0.000236	0.000865	0.117	0.00000982	1.4	2.23	0.0365	0.000263	5.72	0.00125	0.00977	0.000286	0.00019	0.0000725	0.0921	0.00000209	0.000109	0.000574	0.00177	0.0000238
2043 Aug	0.000242	0.000897	0.12	0.0000102	1.44	2.3	0.0373	0.000276	5.9	0.00129	0.0101	0.000291	0.000194	0.0000748	0.095	0.00000217	0.000112	0.000585	0.00182	0.0000242
2043 Sep	0.000239	0.0009	0.12	0.0000103	1.44	2.29	0.0368	0.000284	5.88	0.00129	0.0102	0.000285	0.00019	0.0000745	0.0949	0.00000217	0.000111	0.000575	0.00181	0.0000237
2043 Oct	0.000233	0.000901	0.118	0.0000102	1.43	2.26	0.0353	0.000299	5.87	0.00127	0.0102	0.000271	0.000182	0.000073	0.0939	0.00000216	0.000113	0.000554	0.00177	0.000024
2043 Nov	0.000228	0.000901	0.116	0.0000101	1.42	2.24	0.0343	0.000311	5.88	0.00126	0.0102	0.00026	0.000177	0.0000719	0.0932	0.00000215	0.000114	0.000538	0.00174	0.0000247
2043 Dec	0.000228	0.000901	0.116	0.0000101	1.42	2.24	0.0343	0.000311	5.89	0.00126	0.0102	0.00026	0.000177	0.000072	0.0932	0.00000215	0.000115	0.000538	0.00174	0.0000247
2044 Jan	0.000228	0.000901	0.116	0.0000101	1.42	2.24	0.0343	0.000311	5.89	0.00126	0.0102	0.00026	0.000177	0.000072	0.0932	0.00000215	0.000115	0.000538	0.00174	0.0000247
2044 Feb	0.000228	0.000902	0.116	0.0000101	1.42	2.24	0.0343	0.000311	5.89	0.00126	0.0102	0.00026	0.000177	0.000072	0.0932	0.00000215	0.000115	0.000538	0.00174	0.0000248
2044 Mar	0.000229	0.000902	0.117	0.0000101	1.43	2.25	0.0343	0.000311	5.89	0.00126	0.0102	0.000261	0.000177	0.0000721	0.0933	0.00000215	0.000115	0.000539	0.00174	0.0000248
2044 Apr	0.000229	0.000904	0.117	0.0000101	1.43	2.25	0.0344	0.000312	5.91	0.00126	0.0102	0.000261	0.000177	0.0000722	0.0935	0.00000215	0.000115	0.00054	0.00174	0.0000248
2044 May	0.000233	0.000916	0.118	0.0000103	1.45	2.28	0.0349	0.000315	5.98	0.00128	0.0103	0.000266	0.00018	0.0000732	0.0948	0.00000218	0.000116	0.000548	0.00176	0.0000251
2044 Jun	0.000211	0.00083	0.109	0.00000965	1.34	2.07	0.0322	0.000268	5.48	0.0012	0.00959	0.000245	0.000186	0.0000679	0.0863	0.00000205	0.000109	0.000536	0.00174	0.0000248
2044 Jul	0.000206	0.000832	0.109	0.00000982	1.35	2.06	0.0314	0.000267	5.56	0.00121	0.00971	0.000237	0.000195	0.0000682	0.0859	0.00000209	0.000114	0.00054	0.0018	0.0000271
2044 Aug	0.000215	0.000875	0.114	0.0000103	1.41	2.15	0.0328	0.000283	5.83	0.00127	0.0102	0.000247	0.000203	0.0000715	0.0901	0.0000022	0.000119	0.000561	0.00188	0.0000281
2044 Sep	0.000206	0.000863	0.111	0.0000102	1.38	2.1	0.0309	0.000294	5.65	0.00124	0.01	0.00023	0.000189	0.0000693	0.0878	0.00000216	0.000115	0.000527	0.00181	0.000026
2044 Oct	0.000202	0.000863	0.109	0.0000101	1.36	2.08	0.0299	0.000304	5.59	0.00122	0.01	0.00022	0.000181	0.0000679	0.0869	0.00000215	0.000114	0.000511	0.00178	0.0000252
2044 Nov	0.000202	0.000865	0.109	0.0000101	1.37	2.08	0.0298	0.000307	5.6	0.00122	0.0101	0.000219	0.000181	0.0000678	0.0869	0.00000215	0.000114	0.000509	0.00177	0.0000254
2044 Dec	0.000202	0.000866	0.109	0.0000101	1.37	2.08	0.0298	0.000307	5.6	0.00122	0.0101	0.000219	0.000181	0.0000678	0.087	0.00000215	0.000114	0.000509	0.00177	0.0000254
2045 Jan	0.000202	0.000866	0.109	0.0000101	1.37	2.08	0.0298	0.000307	5.6	0.00122	0.0101	0.000219	0.000181	0.0000678	0.087	0.00000215	0.000114	0.000509	0.00177	0.0000254
2045 Feb	0.000202	0.000866	0.109	0.0000101	1.37	2.08	0.0298	0.000307	5.6	0.00122	0.0101	0.000219	0.000181	0.0000678	0.087	0.00000215	0.000114	0.000509	0.00177	0.0000254
2045 Mar	0.000202	0.000866	0.109	0.0000101	1.37	2.08	0.0298	0.000307	5.61	0.00123	0.0101	0.000219	0.000181	0.0000678	0.087	0.00000215	0.000114	0.000509	0.00177	0.0000254

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Apr	0.000202	0.000868	0.109	0.0000102	1.37	2.08	0.0299	0.000307	5.62	0.00123	0.0101	0.000219	0.000181	0.000068	0.0872	0.00000215	0.000114	0.00051	0.00178	0.0000255
2045 May	0.000205	0.000878	0.111	0.0000103	1.39	2.11	0.0302	0.000311	5.68	0.00124	0.0102	0.000222	0.000183	0.0000688	0.0882	0.00000218	0.000116	0.000516	0.0018	0.0000258
2045 Jun	0.000182	0.000817	0.102	0.00000989	1.32	1.93	0.0271	0.000284	5.49	0.00119	0.00971	0.000195	0.000191	0.0000652	0.0817	0.00000211	0.000118	0.000498	0.0018	0.0000295
2045 Jul	0.000175	0.000807	0.101	0.00000999	1.31	1.89	0.026	0.000275	5.44	0.00119	0.00973	0.000186	0.0002	0.0000646	0.08	0.00000213	0.00012	0.000499	0.00185	0.0000307
2045 Aug	0.000179	0.000832	0.104	0.0000103	1.35	1.94	0.0265	0.000285	5.58	0.00122	0.01	0.000189	0.000203	0.0000663	0.0822	0.0000022	0.000122	0.000506	0.00189	0.000031
2045 Sep	0.000178	0.000837	0.104	0.0000104	1.35	1.94	0.0261	0.000293	5.57	0.00122	0.0101	0.000185	0.000199	0.0000662	0.0823	0.0000022	0.000121	0.000498	0.00188	0.0000303
2045 Oct	0.000179	0.000843	0.104	0.0000104	1.35	1.95	0.0261	0.000297	5.59	0.00123	0.0101	0.000185	0.000198	0.0000663	0.0827	0.00000221	0.000122	0.000499	0.00188	0.0000303
2045 Nov	0.000179	0.000845	0.104	0.0000104	1.36	1.95	0.0262	0.000297	5.6	0.00123	0.0101	0.000185	0.000199	0.0000665	0.0828	0.00000222	0.000122	0.0005	0.00189	0.0000303
2045 Dec	0.000179	0.000845	0.104	0.0000104	1.36	1.95	0.0262	0.000298	5.6	0.00123	0.0102	0.000185	0.000199	0.0000665	0.0829	0.00000222	0.000122	0.0005	0.00189	0.0000304
2046 Jan	0.000179	0.000845	0.104	0.0000104	1.36	1.95	0.0262	0.000298	5.6	0.00123	0.0102	0.000185	0.000199	0.0000665	0.0829	0.00000222	0.000122	0.0005	0.00189	0.0000304
2046 Feb	0.000179	0.000845	0.104	0.0000104	1.36	1.95	0.0262	0.000298	5.6	0.00123	0.0102	0.000185	0.000199	0.0000665	0.0829	0.00000222	0.000122	0.0005	0.00189	0.0000304
2046 Mar	0.000179	0.000846	0.105	0.0000104	1.36	1.96	0.0262	0.000298	5.61	0.00123	0.0102	0.000185	0.000199	0.0000666	0.083	0.00000222	0.000122	0.0005	0.00189	0.0000304
2046 Apr	0.00018	0.000849	0.105	0.0000105	1.36	1.96	0.0263	0.000299	5.63	0.00124	0.0102	0.000186	0.0002	0.0000668	0.0833	0.00000223	0.000123	0.000502	0.0019	0.0000305
2046 May	0.000184	0.000861	0.107	0.0000106	1.38	2	0.0269	0.000303	5.71	0.00125	0.0103	0.000191	0.000202	0.0000679	0.0846	0.00000226	0.000124	0.000511	0.00192	0.0000308
2046 Jun	0.000167	0.000788	0.0991	0.00001	1.28	1.82	0.0248	0.000262	5.22	0.00118	0.00969	0.000175	0.000205	0.000063	0.0773	0.00000213	0.000116	0.000498	0.00188	0.0000295
2046 Jul	0.00015	0.000743	0.0928	0.00000968	1.22	1.69	0.0223	0.000241	4.99	0.00113	0.00926	0.000156	0.000204	0.0000597	0.0721	0.00000206	0.000115	0.000473	0.00185	0.000031
2046 Aug	0.000154	0.000768	0.0954	0.00000999	1.25	1.73	0.0227	0.000252	5.12	0.00116	0.00954	0.000159	0.000206	0.0000614	0.0741	0.00000213	0.000117	0.000479	0.00189	0.0000312
2046 Sep	0.00015	0.000767	0.0934	0.00000986	1.25	1.72	0.0218	0.000267	5.13	0.00114	0.00943	0.000149	0.000195	0.0000606	0.0738	0.0000021	0.000117	0.000453	0.00182	0.0000315
2046 Oct	0.000148	0.000771	0.0919	0.00000971	1.25	1.72	0.0211	0.000286	5.25	0.00113	0.0094	0.000141	0.000188	0.0000602	0.0741	0.00000208	0.000123	0.000435	0.00177	0.0000342
2046 Nov	0.000148	0.000773	0.0918	0.00000971	1.26	1.73	0.021	0.00029	5.29	0.00113	0.00941	0.00014	0.000187	0.0000603	0.0744	0.00000208	0.000124	0.000433	0.00176	0.0000348
2046 Dec	0.000148	0.000773	0.0919	0.00000971	1.26	1.73	0.021	0.00029	5.3	0.00113	0.00941	0.00014	0.000187	0.0000604	0.0744	0.00000208	0.000124	0.000434	0.00176	0.0000349
2047 Jan	0.000148	0.000773	0.0919	0.00000971	1.26	1.73	0.021	0.00029	5.3	0.00113	0.00941	0.00014	0.000187	0.0000604	0.0744	0.00000208	0.000124	0.000434	0.00176	0.0000349
2047 Feb	0.000148	0.000774	0.0919	0.00000971	1.26	1.73	0.021	0.00029	5.3	0.00113	0.00941	0.00014	0.000187	0.0000604	0.0744	0.00000208	0.000124	0.000434	0.00176	0.0000349
2047 Mar	0.000148	0.000775	0.092	0.00000973	1.26	1.73	0.0211	0.000291	5.31	0.00113	0.00943	0.00014	0.000188	0.0000605	0.0745	0.00000208	0.000124	0.000434	0.00177	0.000035
2047 Apr	0.000148	0.000776	0.0922	0.00000975	1.26	1.73	0.0211	0.000291	5.32	0.00114	0.00945	0.000141	0.000188	0.0000606	0.0747	0.00000209	0.000125	0.000435	0.00177	0.000035
2047 May	0.000164	0.000795	0.0967	0.0000098	1.3	1.83	0.0239	0.000292	5.47	0.00116	0.00956	0.000165	0.000191	0.0000633	0.0785	0.0000021	0.000126	0.000463	0.00178	0.0000353
2047 Jun	0.000231	0.000836	0.113	0.00000944	1.42	2.21	0.0361	0.000274	5.9	0.00123	0.00948	0.000278	0.000198	0.0000729	0.0924	0.00000203	0.000126	0.000577	0.00174	0.0000359
2047 Jul	0.000236	0.000865	0.117	0.00000987	1.46	2.27	0.0369	0.00028	6.04	0.00128	0.00987	0.000284	0.000207	0.000075	0.0949	0.00000211	0.000129	0.000596	0.00182	0.0000363
2047 Aug	0.000243	0.000898	0.121	0.0000103	1.51	2.34	0.0379	0.000293	6.24	0.00132	0.0102	0.00029	0.000212	0.0000775	0.0981	0.00000219	0.000133	0.000611	0.00188	0.0000372
2047 Sep	0.000236	0.000893	0.118	0.0000102	1.49	2.3	0.0364	0.000303	6.12	0.0013	0.0102	0.000277	0.000202	0.0000759	0.0965	0.00000217	0.00013	0.000586	0.00184	0.0000355
2047 Oct	0.000228	0.000888	0.115	0.00001	1.47	2.26	0.0348	0.000317	6.13	0.00128	0.0101	0.000261	0.000194	0.0000743	0.0952	0.00000215	0.000133	0.000561	0.00178	0.0000368
2047 Nov	0.000227	0.000888	0.115	0.00001	1.47	2.26	0.0345	0.000322	6.15	0.00128	0.0101	0.000258	0.000192	0.0000741	0.0951	0.00000214	0.000134	0.000555	0.00177	0.0000377
2047 Dec	0.000227	0.000889	0.115	0.00001	1.47	2.26	0.0345	0.000322	6.16	0.00128	0.0101	0.000258	0.000192	0.0000741	0.0951	0.00000214	0.000134	0.000555	0.00177	0.0000377
2048 Jan	0.000227	0.000889	0.115	0.00001	1.48	2.26	0.0345	0.000322	6.16	0.00128	0.0101	0.000258	0.000193	0.0000741	0.0951	0.00000214	0.000134	0.000555	0.00177	0.0000377
2048 Feb	0.000227	0.000889	0.115	0.00001	1.48	2.26	0.0345	0.000322	6.16	0.00128	0.0101	0.000258	0.000193	0.0000741	0.0952	0.00000214	0.000134	0.000556	0.00177	0.0000378
2048 Mar	0.000227	0.000889	0.115	0.00001	1.48	2.26	0.0345	0.000322	6.16	0.00128	0.0101	0.000258	0.000193	0.0000742	0.0952	0.00000214	0.000134	0.000556	0.00178	0.0000378
2048 Apr	0.000228	0.000892	0.115	0.00001	1.48	2.27	0.0346	0.000323	6.18	0.00128	0.0101	0.000259	0.000193	0.0000744	0.0955	0.00000215	0.000135	0.000558	0.00178	0.0000379
2048 May	0.000231	0.000904	0.117	0.0000102	1.5	2.3	0.0351	0.000327	6.27	0.0013	0.0103	0.000263	0.000196	0.0000754	0.0968	0.00000218	0.000136	0.000565	0.0018	0.0000384
2048 Jun	0.000198	0.000819	0.106	0.00000973	1.37	2.03	0.0302	0.000284	5.65	0.00121	0.00963	0.000222	0.000199	0.0000684	0.086	0.00000208	0.000127	0.000531	0.00179	0.0000365
2048 Jul	0.000176	0.000774	0.0991	0.00000956	1.3	1.87	0.0268	0.00026	5.34	0.00116	0.00932	0.000194	0.000203	0.0000645	0.0795	0.00000204	0.000124	0.000505	0.0018	0.0000369
2048 Aug	0.000176	0.00079	0.0999	0.00000976	1.31	1.88	0.0264	0.000271	5.37	0.00118	0.00946	0.000191	0.000199	0.000065	0.0802	0.00000208	0.000124	0.000494	0.0018	0.000036
2048 Sep	0.000174	0.000795	0.0989	0.00000975	1.32	1.89	0.0259	0.000285	5.47	0.00118	0.00946	0.000184	0.000194	0.0000653	0.0807	0.00000208	0.000127	0.000479	0.00178	0.0000378
2048 Oct	0.000171	0.000797	0.0977	0.00000965	1.33	1.88	0.0253	0.000298	5.56	0.00117	0.00943	0.000177	0.00019	0.000065	0.0808	0.00000207	0.000132	0.000466	0.00174	0.0000402
2048 Nov	0.000171	0.0008	0.0975	0.00000965	1.34	1.89	0.0251	0.000304	5.61	0.00117	0.00945	0.000175	0.000188	0.0000651	0.0811	0.00000207	0.000134	0.000462	0.00173	0.0000411
2048 Dec	0.000171	0.0008	0.0976	0.00000965	1.34	1.89	0.0251	0.000304	5.61	0.00117	0.00945	0.000175	0.000188	0.0000651	0.0812	0.00000207	0.000134	0.000463	0.00173	0.0000412
2049 Jan	0.000171	0.0008	0.0976	0.00000965	1.34	1.89	0.0251	0.000304	5.61	0.00117	0.00945	0.000175	0.000188	0.0000651	0.0812	0.00000207	0.000134	0.000463	0.00173	0.0000412
2049 Feb	0.000171	0.0008	0.0976	0.00000965	1.34	1.89	0.0251	0.000304	5.61	0.00117	0.00945	0.000175	0.000188	0.0000651	0.0812	0.00000207	0.000134	0.000463	0.00173	0.0000412
2049 Mar	0.000171	0.000801	0.0976	0.00000966	1.34	1.89	0.0251	0.000304	5.62	0.00117	0.00946	0.000175	0.000189	0.0000651	0.0812	0.00000207	0.000134	0.000463	0.00174	0.0000412
2049 Apr	0.000171	0.000803	0.0979	0.00000969	1.34	1.9	0.0252	0.000305	5.63	0.00118	0.00949	0.000176	0.000189	0.0000654	0.0815	0.00000208	0.000134	0.000464	0.00174	0.0000413
2049 May	0.000175	0.000814	0.0995	0.00000981	1.36	1.93	0.0257	0.000309	5.71	0.00119	0.00961	0.00018	0.000192	0.0000663	0.0828	0.00000211	0.000136	0.000472	0.00176	0.0000417
2049 Jun	0.000159	0.000749	0.0932	0.0000094	1.26	1.76	0.0237	0.000266	5.2	0.00113	0.0091	0.000166	0.000197	0.0000618	0.0757	0.00000201	0.000126	0.000468	0.00176	0.0000389
2049 Jul	0.000151	0.000735	0.0911	0.0000094	1.24	1.7	0.0225	0.000256	5.13	0.00112	0.00903	0.000157	0.000201	0.0000607	0.0736	0.00000201	0.000127	0.000462	0.00178	0.0000402
2049 Aug	0.000157	0.000771	0.0953	0.00000985	1.3	1.78	0.0234	0.000269	5.36	0.00117	0.00946	0.000163	0.000209	0.0000635	0.0769	0.00000211	0.000132	0.000479	0.00186	0.0000416
2049 Sep	0.000155	0.000774	0.0944	0.00000982	1.29	1.77	0.0227	0.000282	5.3	0.00116	0.00946	0.000155	0.000199	0.0000625	0.0765	0.0000021	0.000129	0.000461	0.00181	0.0000398
2049 Oct	0.000152	0.000778	0.0931	0.00000969	1.29	1.77	0.0219	0.000298	5.37	0.00115	0.00943	0.000147	0.000192	0.0000619	0.0766	0.00000207	0.000133	0.000444	0.00176	0.0000416
2049 Nov	0.000152	0.00078	0.0929	0.00000967	1.3	1.78	0.0219	0.000304	5.44	0.00115	0.00943	0.000146	0.000191	0.0000622	0.077	0.00000208	0.000136	0.000441	0.00176	0.0000432
2049 Dec	0.000152	0.000781	0.0929	0.00000968	1.3	1.78	0.0219	0.000304	5.45	0.00115	0.00944	0.000146	0.000191	0.0000622	0.0771	0.00000208	0.000136	0.000441	0.00176	0.0000434
2050 Jan	0.000152	0.000781	0.0929	0.00000968	1.3	1.78	0.0219	0.000304	5.45	0.00115	0.00944	0.000146	0.000191	0.0000623	0.0771	0.00000208	0.000136	0.000441	0.00176	0.0000435
2050 Feb	0.000152	0.000781	0.0929	0.00000968	1.3	1.78	0.0219	0.000304	5.45	0.00115	0.00944	0.000146	0.000191	0.0000623	0.0771	0.00000208	0.000136	0.000441	0.00176	0.0000435
2050 Mar	0.000152	0.000781	0.0929	0.00000968	1.3	1.78	0.0219	0.000304	5.45	0.00115	0.00944	0.000146	0.000191	0.0000623	0.0771	0.00000208	0.000136	0.000441	0.00176	0.0000435
2050 Apr	0.000153	0.000783	0.0932	0.0000097	1.31	1.78	0.0219	0.000305	5.47	0.00115	0.00946	0.000146	0.000192	0.0000624	0.0773	0.00000208	0.000136	0.000442	0.00176	0.0000436
2050 May	0.000155	0.000792	0.0944	0.00000981	1.32	1.81	0.0223	0.000308	5.53	0.00117	0.00957	0.000149	0.000194	0.0000632	0.0783	0.0000021	0.000138	0.000448	0.00178	0.000044
2050 Jun	0.00016	0.000761	0.0946	0.00000955	1.28	1.78	0.0239	0.000273	5.23	0.00114	0.00928	0.000167	0.0002	0.0000623	0.0767	0.00000204	0.000128	0.000475	0.00179	0.0000403
2050 Jul	0.000149	0.000734	0.0906	0.00000935	1.24	1.69	0.0221	0.000258	5.07	0.00111	0.00901	0.000153	0.000198	0.00006	0.0731	0.000002	0.000127	0.000453	0.00176	0.000041
2050 Aug	0.000152	0.000758	0.0932	0.00000963	1.27	1.73	0.0224	0.000266	5.19	0.00114	0.00926	0.000156	0.000201	0.0000615	0.0749	0.00000206	0.000129	0.000458	0.0018	0.0000415
2050 Sep	0.000151	0.000765	0.0931	0.00000966	1.27	1.74	0.0221	0.000276	5.2	0.00114	0.00931	0.000152	0.000196	0.0000614	0.0752	0.00000206	0.000129	0.000449	0.00178	0.0000411
2050 Oct	0.000152	0.000772	0.0936	0.00000972	1.28	1.75	0.0222	0.000282	5.27	0.00115	0.00939	0.000152	0.000197	0.0000619	0.0759	0.00000208	0.000131	0.000449	0.00178	0.0000421
2050 Nov	0.000152	0.000775	0.0939	0.00000975	1.29	1.76	0.0222	0.000283	5.29	0.00115	0.00942	0.000152	0.000197	0.0000621	0.0762	0.00000208	0.000132	0.000451	0.00179	0.0000423

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Dec	0.000153	0.000775	0.0939	0.00000975	1.29	1.76	0.0222	0.000283	5.29	0.00115	0.00942	0.000152	0.000197	0.0000621	0.0762	0.00000208	0.000132	0.000451	0.00179	0.0000423
2051 Jan	0.000153	0.000775	0.0939	0.00000975	1.29	1.76	0.0222	0.000283	5.3	0.00115	0.00942	0.000152	0.000197	0.0000621	0.0762	0.00000208	0.000132	0.000451	0.00179	0.0000424
2051 Feb	0.000153	0.000775	0.0939	0.00000975	1.29	1.76	0.0222	0.000283	5.3	0.00115	0.00942	0.000152	0.000197	0.0000622	0.0762	0.00000208	0.000132	0.000451	0.00179	0.0000425
2051 Mar	0.000153	0.000775	0.094	0.00000976	1.29	1.76	0.0223	0.000284	5.3	0.00115	0.00942	0.000152	0.000197	0.0000622	0.0763	0.00000208	0.000132	0.000451	0.00179	0.0000425
2051 Apr	0.000153	0.000778	0.0943	0.00000979	1.29	1.77	0.0223	0.000285	5.32	0.00116	0.00946	0.000153	0.000198	0.0000624	0.0765	0.00000209	0.000133	0.000452	0.0018	0.0000426
2051 May	0.00016	0.000793	0.0967	0.00000989	1.33	1.83	0.0236	0.00029	5.49	0.00118	0.00958	0.000163	0.000202	0.0000643	0.079	0.00000212	0.000137	0.000466	0.00182	0.0000446
2051 Jun	0.00019	0.000769	0.101	0.00000925	1.34	1.95	0.0297	0.000259	5.53	0.00117	0.00907	0.000221	0.000208	0.0000677	0.0833	0.00000199	0.000136	0.000526	0.00176	0.0000466
2051 Jul	0.000183	0.000764	0.0993	0.00000931	1.35	1.92	0.0285	0.000259	5.58	0.00118	0.00908	0.00021	0.000213	0.0000675	0.0824	0.00000201	0.000141	0.00052	0.00179	0.00005
2051 Aug	0.000181	0.000777	0.0997	0.00000948	1.35	1.92	0.028	0.000268	5.57	0.00118	0.00919	0.000205	0.000207	0.0000676	0.0826	0.00000204	0.000139	0.000505	0.00178	0.0000481
2051 Sep	0.000176	0.000779	0.0976	0.00000938	1.34	1.9	0.0266	0.000287	5.54	0.00116	0.00916	0.000191	0.000195	0.0000662	0.0818	0.00000202	0.000139	0.000478	0.00172	0.0000478
2051 Oct	0.000166	0.00078	0.0933	0.00000908	1.33	1.86	0.0241	0.000323	5.6	0.00113	0.00907	0.000166	0.000176	0.0000636	0.0806	0.00000196	0.000144	0.000432	0.0016	0.0000508
2051 Nov	0.000165	0.000783	0.0932	0.00000908	1.33	1.86	0.0239	0.000328	5.63	0.00113	0.00909	0.000164	0.000175	0.0000636	0.0808	0.00000196	0.000145	0.000428	0.00159	0.0000513
2051 Dec	0.000165	0.000784	0.0933	0.00000908	1.33	1.87	0.024	0.000328	5.64	0.00113	0.0091	0.000164	0.000175	0.0000636	0.0809	0.00000196	0.000146	0.000428	0.00159	0.0000513
2052 Jan	0.000165	0.000784	0.0933	0.00000909	1.33	1.87	0.024	0.000328	5.64	0.00113	0.0091	0.000164	0.000175	0.0000636	0.0809	0.00000196	0.000146	0.000428	0.00159	0.0000513
2052 Feb	0.000165	0.000784	0.0933	0.00000909	1.33	1.87	0.024	0.000328	5.64	0.00113	0.0091	0.000164	0.000175	0.0000636	0.0809	0.00000196	0.000146	0.000429	0.00159	0.0000513
2052 Mar	0.000165	0.000785	0.0934	0.00000909	1.33	1.87	0.024	0.000329	5.64	0.00113	0.00911	0.000164	0.000175	0.0000637	0.0809	0.00000197	0.000146	0.000429	0.00159	0.0000514
2052 Apr	0.000166	0.000786	0.0935	0.00000911	1.33	1.87	0.024	0.000329	5.65	0.00113	0.00912	0.000164	0.000176	0.0000638	0.0811	0.00000197	0.000146	0.00043	0.0016	0.0000515
2052 May	0.000181	0.000805	0.0981	0.00000921	1.37	1.96	0.0266	0.000328	5.75	0.00116	0.00926	0.000188	0.000179	0.0000662	0.0845	0.00000199	0.000145	0.000457	0.00162	0.0000505
2052 Jun	0.000219	0.00083	0.109	0.00000921	1.43	2.17	0.0337	0.000307	5.89	0.00121	0.00935	0.000254	0.000189	0.0000717	0.092	0.00000198	0.000141	0.000536	0.00165	0.0000481
2052 Jul	0.000213	0.000838	0.108	0.00000938	1.42	2.14	0.0325	0.000305	5.85	0.00121	0.00944	0.000245	0.000187	0.000071	0.0907	0.00000201	0.00014	0.000518	0.00166	0.0000476
2052 Aug	0.000213	0.000853	0.109	0.00000957	1.44	2.16	0.0323	0.000313	5.92	0.00123	0.00959	0.000243	0.000186	0.0000718	0.0916	0.00000205	0.000141	0.000513	0.00167	0.0000477
2052 Sep	0.000208	0.000855	0.108	0.00000956	1.44	2.14	0.0314	0.000325	5.93	0.00122	0.00959	0.000233	0.00018	0.0000713	0.0913	0.00000205	0.000143	0.000496	0.00165	0.0000483
2052 Oct	0.000207	0.000859	0.107	0.00000955	1.44	2.14	0.0309	0.000336	6	0.00122	0.00961	0.000227	0.000178	0.0000713	0.0915	0.00000205	0.000146	0.000488	0.00163	0.0000501
2052 Nov	0.000207	0.000861	0.108	0.00000957	1.45	2.15	0.031	0.000337	6.03	0.00122	0.00964	0.000228	0.000179	0.0000715	0.0918	0.00000205	0.000147	0.000489	0.00164	0.0000505
2052 Dec	0.000207	0.000861	0.108	0.00000958	1.45	2.15	0.031	0.000337	6.03	0.00122	0.00964	0.000228	0.000179	0.0000715	0.0919	0.00000205	0.000147	0.000489	0.00164	0.0000505
2053 Jan	0.000207	0.000861	0.108	0.00000958	1.45	2.15	0.031	0.000337	6.03	0.00122	0.00964	0.000228	0.000179	0.0000715	0.0919	0.00000206	0.000147	0.000489	0.00164	0.0000505
2053 Feb	0.000207	0.000862	0.108	0.00000958	1.45	2.15	0.031	0.000337	6.03	0.00123	0.00965	0.000228	0.000179	0.0000715	0.0919	0.00000206	0.000147	0.00049	0.00164	0.0000506
2053 Mar	0.000207	0.000863	0.108	0.00000959	1.45	2.15	0.031	0.000338	6.04	0.00123	0.00966	0.000228	0.000179	0.0000716	0.092	0.00000206	0.000147	0.00049	0.00164	0.0000506
2053 Apr	0.000208	0.000866	0.108	0.00000963	1.46	2.16	0.0312	0.000339	6.06	0.00123	0.00969	0.000229	0.00018	0.0000719	0.0923	0.00000207	0.000148	0.000492	0.00165	0.0000508
2053 May	0.00024	0.0009	0.117	0.00000963	1.55	2.37	0.037	0.000343	6.5	0.00129	0.00982	0.00028	0.000189	0.0000782	0.101	0.00000208	0.000157	0.000549	0.00166	0.0000558
2053 Jun	0.000289	0.000908	0.127	0.0000092	1.61	2.62	0.0462	0.000314	6.69	0.00133	0.00957	0.000366	0.000198	0.0000847	0.11	0.00000199	0.000154	0.000642	0.00164	0.0000559
2053 Jul	0.00029	0.000926	0.129	0.00000948	1.65	2.65	0.0465	0.000321	6.85	0.00136	0.00982	0.000367	0.000206	0.0000864	0.111	0.00000205	0.00016	0.000653	0.0017	0.0000587
2053 Aug	0.000298	0.000959	0.133	0.00000986	1.7	2.73	0.0475	0.000335	7.05	0.0014	0.0102	0.000374	0.00021	0.000089	0.115	0.00000213	0.000164	0.000666	0.00175	0.0000598
2053 Sep	0.000304	0.000983	0.136	0.0000101	1.74	2.79	0.0484	0.000345	7.21	0.00144	0.0104	0.000381	0.000214	0.000091	0.117	0.00000218	0.000167	0.000679	0.00179	0.0000608
2053 Oct	0.000305	0.00099	0.137	0.0000102	1.75	2.81	0.0485	0.000349	7.24	0.00144	0.0105	0.000381	0.000214	0.0000913	0.118	0.0000022	0.000168	0.00068	0.0018	0.0000608
2053 Nov	0.000304	0.00099	0.136	0.0000102	1.75	2.8	0.0483	0.00035	7.22	0.00144	0.0105	0.000379	0.000213	0.000091	0.118	0.0000022	0.000168	0.000677	0.0018	0.0000605
2053 Dec	0.000304	0.00099	0.137	0.0000102	1.75	2.8	0.0483	0.00035	7.22	0.00144	0.0105	0.000379	0.000213	0.000091	0.118	0.0000022	0.000168	0.000677	0.0018	0.0000605
2054 Jan	0.000304	0.00099	0.137	0.0000102	1.75	2.8	0.0483	0.000351	7.22	0.00144	0.0105	0.000379	0.000213	0.000091	0.118	0.0000022	0.000168	0.000678	0.0018	0.0000605
2054 Feb	0.000304	0.00099	0.137	0.0000102	1.75	2.8	0.0483	0.000351	7.23	0.00144	0.0105	0.000379	0.000213	0.000091	0.118	0.0000022	0.000168	0.000678	0.0018	0.0000605
2054 Mar	0.000304	0.00099	0.137	0.0000102	1.75	2.8	0.0483	0.000351	7.23	0.00144	0.0105	0.000379	0.000213	0.000091	0.118	0.0000022	0.000168	0.000678	0.0018	0.0000605
2054 Apr	0.000305	0.000994	0.137	0.0000102	1.75	2.81	0.0484	0.000352	7.25	0.00145	0.0106	0.000381	0.000214	0.0000913	0.118	0.0000022	0.000168	0.00068	0.0018	0.0000607
2054 May	0.000315	0.00101	0.14	0.0000103	1.78	2.88	0.0501	0.000353	7.33	0.00147	0.0107	0.000396	0.000216	0.0000931	0.121	0.00000222	0.000168	0.000699	0.00182	0.0000602
2054 Jun	0.00032	0.000959	0.139	0.00000976	1.7	2.82	0.0517	0.00031	6.91	0.00142	0.0101	0.000414	0.000216	0.0000907	0.118	0.00000209	0.000154	0.000718	0.00177	0.0000546
2054 Jul	0.000296	0.000928	0.132	0.00000968	1.65	2.67	0.0476	0.000302	6.71	0.00138	0.00993	0.000379	0.000214	0.000087	0.112	0.00000208	0.000154	0.000677	0.00176	0.0000562
2054 Aug	0.00029	0.000933	0.131	0.0000098	1.65	2.65	0.0464	0.000313	6.71	0.00138	0.00998	0.000368	0.000209	0.0000868	0.111	0.0000021	0.000155	0.000657	0.00175	0.0000561
2054 Sep	0.000284	0.000935	0.129	0.00000984	1.65	2.63	0.0453	0.000325	6.74	0.00137	0.00999	0.000355	0.000205	0.0000865	0.111	0.00000211	0.000157	0.000638	0.00174	0.0000572
2054 Oct	0.000277	0.00093	0.126	0.00000974	1.64	2.59	0.0437	0.000337	6.74	0.00136	0.00994	0.000341	0.000199	0.0000851	0.11	0.00000209	0.000159	0.000617	0.0017	0.0000588
2054 Nov	0.000274	0.000929	0.126	0.00000971	1.64	2.58	0.0432	0.000342	6.74	0.00135	0.00993	0.000335	0.000197	0.0000846	0.109	0.00000209	0.00016	0.00061	0.00169	0.0000593
2054 Dec	0.000274	0.00093	0.126	0.00000971	1.64	2.58	0.0432	0.000342	6.74	0.00135	0.00993	0.000335	0.000197	0.0000847	0.109	0.00000209	0.00016	0.00061	0.00169	0.0000594
2055 Jan	0.000274	0.00093	0.126	0.00000971	1.64	2.58	0.0432	0.000342	6.74	0.00135	0.00994	0.000335	0.000197	0.0000847	0.109	0.00000209	0.00016	0.00061	0.00169	0.0000594
2055 Feb	0.000274	0.00093	0.126	0.00000971	1.64	2.58	0.0432	0.000342	6.74	0.00135	0.00994	0.000335	0.000197	0.0000847	0.109	0.00000209	0.00016	0.00061	0.00169	0.0000594
2055 Mar	0.000274	0.00093	0.126	0.00000972	1.64	2.58	0.0432	0.000342	6.75	0.00135	0.00994	0.000336	0.000197	0.0000847	0.109	0.00000209	0.00016	0.000611	0.00169	0.0000594
2055 Apr	0.000275	0.000933	0.126	0.00000974	1.64	2.59	0.0433	0.000343	6.76	0.00136	0.00996	0.000336	0.000198	0.0000849	0.109	0.0000021	0.000161	0.000612	0.00169	0.0000596
2055 May	0.000278	0.000943	0.127	0.00000985	1.66	2.62	0.0438	0.000347	6.84	0.00137	0.0101	0.00034	0.0002	0.0000859	0.111	0.00000212	0.000163	0.000619	0.00171	0.0000603
2055 Jun	0.000226	0.000833	0.111	0.00000943	1.48	2.22	0.0356	0.000297	6.01	0.00125	0.00939	0.00027	0.000206	0.0000755	0.0949	0.00000203	0.000151	0.000564	0.00173	0.0000572
2055 Jul	0.000209	0.00081	0.107	0.00000944	1.45	2.12	0.0329	0.000288	5.88	0.00123	0.0093	0.000246	0.000212	0.0000734	0.091	0.00000203	0.000153	0.000547	0.00176	0.0000594
2055 Aug	0.000214	0.000836	0.11	0.00000975	1.49	2.17	0.0335	0.000297	6.02	0.00127	0.00958	0.00025	0.000215	0.0000752	0.0932	0.00000209	0.000155	0.000554	0.00181	0.0000601
2055 Sep	0.00021	0.000838	0.109	0.00000979	1.48	2.15	0.0327	0.000305	5.97	0.00126	0.0096	0.000242	0.000208	0.0000744	0.0926	0.0000021	0.000153	0.00054	0.00178	0.0000581
2055 Oct	0.00021	0.000843	0.109	0.00000983	1.48	2.16	0.0326	0.000309	5.97	0.00126	0.00966	0.000241	0.000207	0.0000744	0.0928	0.0000021	0.000153	0.000538	0.00179	0.0000577
2055 Nov	0.00021	0.000845	0.109	0.00000985	1.48	2.16	0.0325	0.000311	5.98	0.00127	0.00968	0.000241	0.000207	0.0000744	0.0929	0.00000211	0.000153	0.000538	0.00179	0.0000576
2055 Dec	0.00021	0.000845	0.109	0.00000985	1.48	2.16	0.0325	0.000311	5.98	0.00127	0.00968	0.000241	0.000207	0.0000744	0.0929	0.00000211	0.000153	0.000538	0.00179	0.0000576
2056 Jan	0.00021	0.000845	0.109	0.00000985	1.48	2.16	0.0326	0.000311	5.98	0.00127	0.00969	0.000241	0.000207	0.0000744	0.0929	0.00000211	0.000153	0.000538	0.00179	0.0000576
2056 Feb	0.00021	0.000845	0.109	0.00000985	1.48	2.16	0.0326	0.000311	5.98	0.00127	0.00969	0.000241	0.000207	0.0000744	0.0929	0.00000211	0.000153	0.000538	0.00179	0.0000576
2056 Mar	0.000211	0.000845	0.109	0.00000985	1.48	2.16	0.0326	0.000311	5.98	0.00127	0.00969	0.000241	0.000207	0.0000744	0.093	0.00000211	0.000153	0.000538	0.00179	0.0000576
2056 Apr	0.000211	0.000848	0.11	0.00000988	1.49	2.17	0.0327	0.000312	6	0.00127	0.00972	0.000242	0.000208	0.0000747	0.0932	0.00000211	0.000153	0.00054	0.00179	0.0000578
2056 May	0.000234	0.000874	0.116	0.00000996	1.53	2.31	0.0367	0.000309	6.13	0.00131	0.00988	0.000278	0.000211	0.000078	0.0983	0.00000213	0.000151	0.000581	0.00181	0.0000559
2056 Jun	0.000286	0.000891	0.128	0.00000951	1.58	2.57	0.0462	0.000284	6.27	0.00134	0.00967	0.000367	0.000212	0.0000839	0.107	0.00000202	0.000143	0.000669	0.00175	0.000052
2056 Jul	0.000289	0.000916	0.131	0.00000986	1.62	2.61	0.0466	0.000291	6.41	0.00137	0.00998	0.00037	0.000219	0.0000856	0.109	0.0000021	0.000147	0.00068	0.00181	0.0000535

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Aug	0.000288	0.000932	0.132	0.0000101	1.63	2.63	0.0462	0.000298	6.44	0.00139	0.0102	0.000367	0.000217	0.0000861	0.11	0.00000214	0.000147	0.000672	0.00183	0.0000527
2056 Sep	0.00029	0.000948	0.134	0.0000103	1.65	2.66	0.0464	0.000307	6.52	0.00141	0.0103	0.000367	0.000217	0.0000869	0.111	0.00000218	0.000149	0.000676	0.00185	0.0000527
2056 Oct	0.000282	0.000942	0.131	0.0000101	1.63	2.61	0.0448	0.000317	6.46	0.00138	0.0103	0.000352	0.00021	0.000085	0.109	0.00000215	0.000149	0.000653	0.00181	0.0000528
2056 Nov	0.000281	0.000942	0.13	0.0000101	1.63	2.61	0.0445	0.000321	6.49	0.00138	0.0103	0.000348	0.000209	0.0000849	0.109	0.00000215	0.000151	0.000648	0.0018	0.0000539
2056 Dec	0.000281	0.000942	0.13	0.0000101	1.63	2.61	0.0445	0.000322	6.49	0.00138	0.0103	0.000349	0.000209	0.000085	0.109	0.00000215	0.000151	0.000648	0.0018	0.0000539
2057 Jan	0.000281	0.000942	0.13	0.0000101	1.63	2.61	0.0445	0.000322	6.49	0.00138	0.0103	0.000349	0.000209	0.000085	0.109	0.00000215	0.000151	0.000648	0.0018	0.0000539
2057 Feb	0.000281	0.000942	0.13	0.0000101	1.63	2.61	0.0445	0.000322	6.49	0.00138	0.0103	0.000349	0.000209	0.000085	0.109	0.00000215	0.000151	0.000648	0.0018	0.0000539
2057 Mar	0.000281	0.000943	0.13	0.0000101	1.63	2.61	0.0445	0.000322	6.49	0.00138	0.0103	0.000349	0.000209	0.0000851	0.11	0.00000215	0.000151	0.000649	0.0018	0.000054
2057 Apr	0.000282	0.000946	0.131	0.0000102	1.64	2.62	0.0447	0.000323	6.51	0.00139	0.0103	0.00035	0.00021	0.0000853	0.11	0.00000216	0.000151	0.000651	0.00181	0.0000541
2057 May	0.000291	0.000963	0.134	0.0000103	1.67	2.68	0.0461	0.000326	6.61	0.00141	0.0105	0.000363	0.000213	0.000087	0.112	0.00000219	0.000152	0.000668	0.00183	0.0000541
2057 Jun	0.000283	0.000901	0.129	0.00000975	1.58	2.56	0.0456	0.000286	6.2	0.00135	0.00988	0.000362	0.000215	0.0000835	0.107	0.00000207	0.000142	0.000671	0.00179	0.0000511
2057 Jul	0.000277	0.000904	0.128	0.00000994	1.59	2.54	0.0446	0.000287	6.22	0.00136	0.01	0.000352	0.00022	0.0000834	0.106	0.00000211	0.000145	0.000668	0.00184	0.0000527
2057 Aug	0.000291	0.000954	0.135	0.0000105	1.67	2.67	0.0467	0.000303	6.55	0.00143	0.0106	0.000368	0.000231	0.0000877	0.112	0.00000222	0.000152	0.0007	0.00193	0.0000551
2057 Sep	0.000294	0.00097	0.137	0.0000107	1.69	2.7	0.047	0.000311	6.63	0.00145	0.0107	0.000371	0.000232	0.0000888	0.113	0.00000226	0.000154	0.000705	0.00196	0.0000554
2057 Oct	0.000291	0.000969	0.136	0.0000107	1.68	2.68	0.0463	0.000315	6.58	0.00144	0.0107	0.000364	0.000228	0.0000878	0.112	0.00000225	0.000153	0.000695	0.00194	0.0000544
2057 Nov	0.000291	0.000971	0.136	0.0000107	1.68	2.69	0.0463	0.000317	6.59	0.00144	0.0108	0.000364	0.000228	0.0000879	0.113	0.00000226	0.000153	0.000696	0.00194	0.0000544
2057 Dec	0.000291	0.000971	0.136	0.0000107	1.68	2.69	0.0464	0.000317	6.59	0.00144	0.0108	0.000364	0.000228	0.0000879	0.113	0.00000226	0.000153	0.000696	0.00194	0.0000544
2058 Jan	0.000291	0.000971	0.136	0.0000107	1.68	2.69	0.0464	0.000317	6.59	0.00144	0.0108	0.000364	0.000228	0.0000879	0.113	0.00000226	0.000153	0.000696	0.00194	0.0000544
2058 Feb	0.000291	0.000971	0.136	0.0000107	1.68	2.69	0.0464	0.000317	6.59	0.00144	0.0108	0.000364	0.000228	0.0000879	0.113	0.00000226	0.000153	0.000696	0.00194	0.0000544
2058 Mar	0.000291	0.000971	0.136	0.0000107	1.68	2.69	0.0464	0.000317	6.59	0.00144	0.0108	0.000364	0.000228	0.000088	0.113	0.00000226	0.000153	0.000696	0.00194	0.0000544
2058 Apr	0.000292	0.000973	0.136	0.0000107	1.69	2.69	0.0465	0.000317	6.61	0.00145	0.0108	0.000365	0.000229	0.0000881	0.113	0.00000226	0.000153	0.000697	0.00195	0.0000545
2058 May	0.000314	0.000998	0.142	0.0000106	1.77	2.85	0.0505	0.000328	7.01	0.00149	0.0108	0.0004	0.000235	0.0000932	0.12	0.00000227	0.000165	0.000733	0.00194	0.0000623
2058 Jun	0.000348	0.000965	0.145	0.00000958	1.79	2.99	0.0574	0.000303	7.14	0.00146	0.01	0.000465	0.000231	0.0000968	0.125	0.00000206	0.000167	0.000779	0.00179	0.0000682
2058 Jul	0.000344	0.000973	0.145	0.00000977	1.81	2.99	0.0567	0.000309	7.25	0.00148	0.0102	0.000457	0.000237	0.0000976	0.125	0.00000211	0.000174	0.000779	0.00183	0.000072
2058 Aug	0.000351	0.001	0.148	0.0000101	1.85	3.06	0.0576	0.000319	7.42	0.00152	0.0105	0.000465	0.000241	0.0000998	0.128	0.00000217	0.000177	0.00079	0.00188	0.0000729
2058 Sep	0.000342	0.001	0.146	0.0000101	1.83	3.01	0.0559	0.000329	7.32	0.0015	0.0105	0.000448	0.000233	0.0000979	0.126	0.00000217	0.000175	0.000768	0.00185	0.000071
2058 Oct	0.000335	0.000999	0.144	0.00001	1.83	2.98	0.0544	0.000343	7.36	0.00149	0.0105	0.000433	0.000229	0.0000969	0.125	0.00000216	0.000179	0.000747	0.00182	0.0000738
2058 Nov	0.000335	0.001	0.144	0.00001	1.84	2.99	0.0543	0.000346	7.4	0.00149	0.0105	0.000432	0.00023	0.0000972	0.126	0.00000217	0.000181	0.000746	0.00182	0.0000753
2058 Dec	0.000335	0.001	0.144	0.00001	1.84	2.99	0.0543	0.000346	7.41	0.00149	0.0105	0.000432	0.00023	0.0000972	0.126	0.00000217	0.000181	0.000746	0.00182	0.0000753
2059 Jan	0.000335	0.001	0.144	0.00001	1.84	2.99	0.0543	0.000346	7.41	0.00149	0.0105	0.000432	0.00023	0.0000972	0.126	0.00000217	0.000181	0.000746	0.00182	0.0000753
2059 Feb	0.000335	0.001	0.144	0.00001	1.84	2.99	0.0543	0.000346	7.41	0.00149	0.0105	0.000432	0.00023	0.0000972	0.126	0.00000217	0.000181	0.000746	0.00182	0.0000753
2059 Mar	0.000335	0.001	0.144	0.00001	1.84	2.99	0.0543	0.000346	7.41	0.00149	0.0105	0.000432	0.00023	0.0000972	0.126	0.00000217	0.000181	0.000746	0.00182	0.0000754
2059 Apr	0.000336	0.001	0.144	0.0000101	1.84	3	0.0544	0.000347	7.42	0.0015	0.0105	0.000433	0.00023	0.0000975	0.126	0.00000217	0.000182	0.000748	0.00182	0.0000755
2059 May	0.000349	0.00102	0.148	0.0000102	1.87	3.08	0.0568	0.000348	7.54	0.00152	0.0106	0.000455	0.000233	0.0000997	0.129	0.00000219	0.000182	0.000773	0.00184	0.0000751
2059 Jun	0.000376	0.00103	0.155	0.00000998	1.9	3.22	0.0618	0.000331	7.59	0.00154	0.0105	0.000501	0.000236	0.000103	0.134	0.00000214	0.000177	0.000822	0.00183	0.0000728
2059 Jul	0.000391	0.00108	0.162	0.0000105	1.99	3.36	0.0643	0.000346	7.92	0.00162	0.0111	0.000521	0.000248	0.000107	0.14	0.00000226	0.000185	0.000859	0.00193	0.0000759
2059 Aug	0.000406	0.00112	0.168	0.000011	2.07	3.49	0.0667	0.000362	8.24	0.00168	0.0116	0.000541	0.000257	0.000112	0.145	0.00000236	0.000192	0.000891	0.00201	0.0000786
2059 Sep	0.000403	0.00113	0.168	0.0000111	2.07	3.48	0.066	0.00037	8.23	0.00168	0.0117	0.000533	0.000254	0.000111	0.145	0.00000237	0.000192	0.000882	0.00201	0.0000774
2059 Oct	0.000368	0.00109	0.157	0.0000106	1.93	3.24	0.0592	0.000379	7.68	0.00158	0.0113	0.000473	0.000227	0.000102	0.135	0.00000227	0.000178	0.000797	0.00187	0.0000696
2059 Nov	0.000364	0.00108	0.155	0.0000106	1.92	3.22	0.0584	0.000383	7.66	0.00157	0.0113	0.000466	0.000225	0.000101	0.134	0.00000227	0.000179	0.000787	0.00186	0.00007
2059 Dec	0.000364	0.00108	0.155	0.0000106	1.92	3.22	0.0584	0.000383	7.66	0.00157	0.0113	0.000466	0.000225	0.000101	0.134	0.00000227	0.000179	0.000787	0.00186	0.0000701
2060 Jan	0.000364	0.00108	0.155	0.0000106	1.92	3.22	0.0584	0.000383	7.66	0.00157	0.0113	0.000466	0.000225	0.000101	0.134	0.00000227	0.000179	0.000787	0.00186	0.0000702
2060 Feb	0.000364	0.00108	0.155	0.0000106	1.92	3.22	0.0584	0.000383	7.67	0.00157	0.0113	0.000466	0.000225	0.000101	0.134	0.00000227	0.000179	0.000787	0.00186	0.0000702
2060 Mar	0.000364	0.00108	0.155	0.0000106	1.92	3.22	0.0585	0.000383	7.67	0.00157	0.0113	0.000466	0.000225	0.000101	0.134	0.00000227	0.000179	0.000788	0.00186	0.0000702
2060 Apr	0.000366	0.00109	0.156	0.0000107	1.93	3.23	0.0587	0.000385	7.69	0.00158	0.0113	0.000468	0.000226	0.000102	0.135	0.00000228	0.00018	0.00079	0.00186	0.0000704
2060 May	0.00039	0.00111	0.162	0.0000106	1.98	3.37	0.0632	0.000378	7.87	0.00161	0.0113	0.000509	0.00023	0.000106	0.14	0.00000226	0.00018	0.000834	0.00186	0.000071
2060 Jun	0.000405	0.00107	0.163	0.00001	1.95	3.4	0.0665	0.000345	7.73	0.00158	0.0108	0.000543	0.000229	0.000106	0.141	0.00000214	0.000174	0.000861	0.0018	0.0000697
2060 Jul	0.000418	0.00112	0.169	0.0000105	2.03	3.52	0.0685	0.00036	8.04	0.00165	0.0113	0.000559	0.000241	0.00011	0.146	0.00000225	0.000182	0.000893	0.00189	0.0000735
2060 Aug	0.000416	0.00113	0.17	0.0000107	2.04	3.53	0.0681	0.00037	8.08	0.00166	0.0115	0.000553	0.000239	0.000111	0.146	0.00000229	0.000182	0.000885	0.00191	0.0000727
2060 Sep	0.00038	0.00108	0.158	0.0000104	1.93	3.29	0.0615	0.000377	7.63	0.00157	0.011	0.000493	0.000216	0.000104	0.137	0.00000222	0.000172	0.000797	0.0018	0.0000675
2060 Oct	0.000368	0.00107	0.154	0.0000103	1.92	3.24	0.0592	0.000391	7.63	0.00155	0.011	0.000472	0.000211	0.000102	0.135	0.00000221	0.000177	0.000769	0.00176	0.0000711
2060 Nov	0.000363	0.00107	0.152	0.0000103	1.91	3.21	0.0582	0.000397	7.63	0.00154	0.0109	0.000463	0.000209	0.000101	0.134	0.0000022	0.00018	0.000756	0.00174	0.0000728
2060 Dec	0.000363	0.00107	0.152	0.0000103	1.92	3.21	0.0583	0.000397	7.64	0.00154	0.0109	0.000463	0.000209	0.000101	0.134	0.0000022	0.00018	0.000757	0.00174	0.0000731
2061 Jan	0.000363	0.00107	0.152	0.0000103	1.92	3.21	0.0583	0.000397	7.64	0.00154	0.0109	0.000463	0.000209	0.000101	0.134	0.0000022	0.00018	0.000757	0.00174	0.0000732
2061 Feb	0.000363	0.00107	0.152	0.0000103	1.92	3.21	0.0583	0.000397	7.64	0.00154	0.0109	0.000463	0.000209	0.000101	0.134	0.0000022	0.00018	0.000757	0.00174	0.0000732
2061 Mar	0.000363	0.00107	0.152	0.0000103	1.92	3.21	0.0583	0.000397	7.64	0.00154	0.0109	0.000463	0.00021	0.000101	0.134	0.0000022	0.00018	0.000757	0.00174	0.0000732
2061 Apr	0.000365	0.00107	0.153	0.0000103	1.92	3.22	0.0585	0.000398	7.67	0.00155	0.011	0.000464	0.00021	0.000102	0.135	0.00000221	0.000181	0.000759	0.00175	0.0000734
2061 May	0.00039	0.00109	0.159	0.0000103	1.98	3.37	0.0632	0.000392	7.87	0.00158	0.011	0.000507	0.000216	0.000106	0.14	0.0000022	0.000183	0.000807	0.00176	0.000075
2061 Jun	0.000392	0.00103	0.156	0.00000952	1.93	3.32	0.0644	0.000355	7.68	0.00153	0.0103	0.000523	0.000219	0.000105	0.138	0.00000205	0.000181	0.000817	0.00168	0.0000784
2061 Jul	0.000401	0.00107	0.161	0.00000997	1.99	3.41	0.0657	0.000367	7.94	0.00159	0.0107	0.000533	0.000229	0.000108	0.142	0.00000215	0.000188	0.000839	0.00177	0.0000819
2061 Aug	0.000414	0.00111	0.167	0.0000104	2.07	3.53	0.0679	0.000382	8.23	0.00165	0.0111	0.00055	0.000236	0.000112	0.147	0.00000224	0.000195	0.000866	0.00183	0.0000844
2061 Sep	0.000412	0.00112	0.167	0.0000105	2.07	3.53	0.0674	0.000389	8.23	0.00165	0.0112	0.000545	0.000234	0.000112	0.147	0.00000225	0.000194	0.00086	0.00184	0.0000835
2061 Oct	0.000385	0.00109	0.158	0.0000102	1.98	3.35	0.0623	0.000397	7.91	0.00158	0.0109	0.000499	0.000218	0.000106	0.14	0.00000219	0.000189	0.000799	0.00175	0.0000811
2061 Nov	0.000376	0.00108	0.155	0.0000101	1.97	3.31	0.0607	0.000405	7.89	0.00156	0.0109	0.000484	0.000214	0.000104	0.138	0.00000217	0.000192	0.000778	0.00172	0.0000834
2061 Dec	0.000377	0.00108	0.155	0.0000101	1.97	3.31	0.0607	0.000405	7.9	0.00156	0.0109	0.000484	0.000215	0.000104	0.138	0.00000217	0.000193	0.000778	0.00172	0.0000836
2062 Jan	0.000377	0.00108	0.155	0.0000101	1.97	3.31	0.0607	0.000405	7.9	0.00156	0.0109	0.000484	0.000215	0.000104	0.138	0.00000217	0.000193	0.000779	0.00172	0.0000836
2062 Feb	0.000377	0.00108	0.155	0.0000101	1.97	3.31	0.0607	0.000405	7.9	0.00156	0.0109	0.000484	0.000215	0.000104	0.138	0.00000217	0.000193	0.000779	0.00172	0.0000836
2062 Mar	0.000377	0.00108	0.155	0.0000101	1.97	3.31	0.0608	0.000405	7.9	0.00156	0.0109	0.000485	0.000215	0.000104	0.139	0.00000218	0.000193	0.000779	0.00173	0.0000837

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2062 Apr	0.000378	0.00108	0.156	0.0000101	1.98	3.32	0.061	0.000407	7.93	0.00157	0.0109	0.000486	0.000216	0.000105	0.139	0.00000218	0.000193	0.000782	0.00173	0.000084
2062 May	0.000382	0.00109	0.157	0.0000102	2	3.35	0.0616	0.000411	8.01	0.00158	0.011	0.000491	0.000218	0.000106	0.14	0.0000022	0.000195	0.000789	0.00175	0.0000847
2062 Jun	0.000315	0.000969	0.137	0.00000985	1.77	2.86	0.0507	0.000354	7	0.00144	0.0103	0.000398	0.00022	0.0000927	0.121	0.00000211	0.000178	0.000707	0.00176	0.0000777
2062 Jul	0.000281	0.000917	0.128	0.00000978	1.68	2.63	0.0451	0.000333	6.62	0.00139	0.01	0.00035	0.000224	0.0000872	0.112	0.0000021	0.000175	0.000663	0.00179	0.0000782
2062 Aug	0.000273	0.000921	0.126	0.00000989	1.67	2.59	0.0435	0.00034	6.55	0.00138	0.01	0.000335	0.000216	0.0000862	0.11	0.00000211	0.000172	0.000635	0.00177	0.0000759
2062 Sep	0.000262	0.000915	0.122	0.00000978	1.66	2.54	0.0414	0.00036	6.58	0.00136	0.00994	0.000314	0.000208	0.0000849	0.109	0.0000021	0.000177	0.000603	0.00172	0.0000799
2062 Oct	0.00024	0.000896	0.114	0.00000936	1.64	2.43	0.037	0.000396	6.64	0.00131	0.00967	0.000272	0.000192	0.0000815	0.106	0.00000203	0.00019	0.000538	0.0016	0.0000902
2062 Nov	0.000239	0.000898	0.114	0.00000937	1.65	2.44	0.0368	0.000401	6.68	0.00131	0.00969	0.000269	0.000192	0.0000817	0.106	0.00000203	0.000193	0.000535	0.00159	0.0000918
2062 Dec	0.000239	0.000898	0.114	0.00000937	1.65	2.44	0.0368	0.000401	6.69	0.00131	0.00969	0.000269	0.000192	0.0000817	0.106	0.00000203	0.000193	0.000535	0.00159	0.0000919
2063 Jan	0.000239	0.000898	0.114	0.00000937	1.65	2.44	0.0368	0.000401	6.69	0.00131	0.00969	0.000269	0.000192	0.0000817	0.106	0.00000203	0.000193	0.000536	0.00159	0.0000919
2063 Feb	0.000239	0.000898	0.114	0.00000937	1.65	2.44	0.0368	0.000401	6.69	0.00131	0.00969	0.000269	0.000192	0.0000817	0.106	0.00000203	0.000193	0.000536	0.00159	0.000092
2063 Mar	0.000239	0.000899	0.114	0.00000938	1.65	2.44	0.0368	0.000401	6.69	0.00131	0.00969	0.00027	0.000192	0.0000817	0.106	0.00000204	0.000193	0.000536	0.00159	0.000092
2063 Apr	0.00024	0.0009	0.114	0.00000939	1.65	2.44	0.0369	0.000402	6.7	0.00131	0.00971	0.00027	0.000193	0.0000819	0.106	0.00000204	0.000194	0.000537	0.0016	0.0000921
2063 May	0.000258	0.000921	0.12	0.00000947	1.69	2.56	0.0402	0.000398	6.81	0.00134	0.00985	0.000301	0.000196	0.0000846	0.11	0.00000205	0.000191	0.000572	0.00162	0.00009
2063 Jun	0.00029	0.000876	0.125	0.00000878	1.65	2.63	0.0471	0.000327	6.53	0.00132	0.00918	0.00037	0.000205	0.0000864	0.112	0.0000019	0.000174	0.000649	0.00159	0.0000827
2063 Jul	0.000275	0.000859	0.121	0.00000882	1.63	2.55	0.0446	0.000324	6.47	0.00131	0.00913	0.000347	0.00021	0.0000849	0.109	0.00000191	0.000179	0.000631	0.00162	0.0000867
2063 Aug	0.000283	0.000894	0.125	0.00000921	1.69	2.63	0.0459	0.000338	6.69	0.00136	0.0095	0.000357	0.000216	0.0000878	0.112	0.00000199	0.000184	0.000648	0.00167	0.0000888
2063 Sep	0.000279	0.000898	0.124	0.0000093	1.68	2.61	0.0449	0.000346	6.64	0.00135	0.00956	0.000347	0.000211	0.000087	0.112	0.000002	0.000181	0.000633	0.00166	0.0000862
2063 Oct	0.000271	0.000893	0.121	0.0000092	1.67	2.57	0.0431	0.000357	6.62	0.00133	0.0095	0.000331	0.000204	0.0000854	0.11	0.00000199	0.000183	0.000609	0.00163	0.0000878
2063 Nov	0.00027	0.000894	0.121	0.00000919	1.67	2.57	0.043	0.000362	6.66	0.00133	0.00951	0.000328	0.000204	0.0000857	0.11	0.00000199	0.000186	0.000606	0.00162	0.0000899
2063 Dec	0.00027	0.000894	0.121	0.0000092	1.68	2.57	0.043	0.000363	6.68	0.00134	0.00951	0.000329	0.000205	0.0000858	0.111	0.00000199	0.000187	0.000607	0.00162	0.0000903
2064 Jan	0.00027	0.000894	0.121	0.0000092	1.68	2.57	0.043	0.000363	6.68	0.00134	0.00951	0.000329	0.000205	0.0000858	0.111	0.00000199	0.000187	0.000607	0.00162	0.0000903
2064 Feb	0.00027	0.000895	0.121	0.0000092	1.68	2.58	0.043	0.000363	6.68	0.00134	0.00951	0.000329	0.000205	0.0000858	0.111	0.00000199	0.000187	0.000607	0.00162	0.0000904
2064 Mar	0.00027	0.000896	0.121	0.00000921	1.68	2.58	0.043	0.000363	6.69	0.00134	0.00952	0.000329	0.000205	0.0000859	0.111	0.00000199	0.000187	0.000608	0.00163	0.0000905
2064 Apr	0.000271	0.000897	0.121	0.00000923	1.68	2.58	0.0431	0.000364	6.7	0.00134	0.00954	0.00033	0.000205	0.0000861	0.111	0.000002	0.000187	0.000609	0.00163	0.0000906
2064 May	0.000298	0.000925	0.129	0.00000925	1.75	2.75	0.048	0.000364	6.97	0.00139	0.00966	0.000373	0.000211	0.0000908	0.117	0.000002	0.000191	0.000656	0.00164	0.0000931
2064 Jun	0.000342	0.000931	0.138	0.00000882	1.8	2.97	0.0564	0.000334	7.13	0.00141	0.00938	0.000452	0.000218	0.0000965	0.125	0.00000191	0.000187	0.000737	0.00161	0.0000928
2064 Jul	0.000343	0.000952	0.14	0.00000914	1.82	2.99	0.0564	0.000338	7.21	0.00144	0.00965	0.000452	0.000222	0.0000976	0.126	0.00000198	0.000189	0.000742	0.00166	0.0000932
2064 Aug	0.000339	0.000963	0.141	0.00000932	1.82	2.98	0.0555	0.000343	7.2	0.00145	0.00978	0.000445	0.00022	0.0000974	0.126	0.00000201	0.000188	0.000729	0.00167	0.0000917
2064 Sep	0.00032	0.000948	0.134	0.00000923	1.8	2.89	0.0519	0.000363	7.14	0.00142	0.00965	0.00041	0.000209	0.0000948	0.123	0.000002	0.000191	0.000679	0.00161	0.0000946
2064 Oct	0.000316	0.000953	0.133	0.00000924	1.82	2.89	0.0512	0.000377	7.26	0.00142	0.00969	0.000402	0.000209	0.0000952	0.123	0.00000201	0.000199	0.000669	0.0016	0.0001
2064 Nov	0.000317	0.000956	0.134	0.00000927	1.83	2.9	0.0514	0.00038	7.31	0.00143	0.00971	0.000402	0.00021	0.0000958	0.124	0.00000202	0.000202	0.000671	0.00161	0.000102
2064 Dec	0.000317	0.000956	0.134	0.00000927	1.83	2.9	0.0514	0.000381	7.32	0.00143	0.00971	0.000402	0.00021	0.0000958	0.124	0.00000202	0.000202	0.000671	0.00161	0.000102
2065 Jan	0.000317	0.000957	0.134	0.00000927	1.83	2.9	0.0514	0.000381	7.32	0.00143	0.00971	0.000403	0.00021	0.0000958	0.124	0.00000202	0.000202	0.000671	0.00161	0.000102
2065 Feb	0.000317	0.000957	0.134	0.00000927	1.83	2.9	0.0514	0.000381	7.32	0.00143	0.00972	0.000403	0.00021	0.0000959	0.124	0.00000202	0.000202	0.000671	0.00161	0.000102
2065 Mar	0.000318	0.000958	0.134	0.00000928	1.83	2.91	0.0514	0.000381	7.33	0.00143	0.00973	0.000403	0.000211	0.000096	0.124	0.00000202	0.000202	0.000672	0.00161	0.000102
2065 Apr	0.000319	0.000961	0.134	0.00000931	1.84	2.92	0.0516	0.000383	7.35	0.00143	0.00976	0.000404	0.000211	0.0000963	0.125	0.00000203	0.000203	0.000675	0.00162	0.000103
2065 May	0.000341	0.000987	0.141	0.00000939	1.9	3.06	0.0555	0.000384	7.58	0.00148	0.00991	0.000439	0.000217	0.0001	0.13	0.00000205	0.000206	0.000715	0.00164	0.000104
2065 Jun	0.000348	0.000955	0.141	0.00000905	1.85	3.04	0.0575	0.000346	7.31	0.00145	0.00958	0.00046	0.00022	0.0000992	0.129	0.00000196	0.000194	0.000743	0.00163	0.0000984
2065 Jul	0.000354	0.000987	0.145	0.00000947	1.92	3.11	0.0583	0.00036	7.57	0.0015	0.00996	0.000466	0.000232	0.000102	0.132	0.00000206	0.000204	0.000763	0.00171	0.000104
2065 Aug	0.000363	0.00102	0.149	0.00000986	1.98	3.21	0.0597	0.000375	7.8	0.00155	0.0103	0.000476	0.000237	0.000106	0.136	0.00000214	0.00021	0.00078	0.00177	0.000107
2065 Sep	0.000341	0.001	0.143	0.00000969	1.9	3.07	0.0555	0.000385	7.52	0.0015	0.0102	0.000438	0.000221	0.0001	0.13	0.0000021	0.000203	0.000726	0.0017	0.000102
2065 Oct	0.000303	0.000965	0.13	0.00000927	1.83	2.86	0.0481	0.00042	7.34	0.00141	0.00987	0.000369	0.0002	0.0000935	0.123	0.00000202	0.00021	0.000633	0.00156	0.000108
2065 Nov	0.000298	0.000964	0.128	0.00000925	1.83	2.84	0.0471	0.000429	7.35	0.00141	0.00986	0.000359	0.000198	0.0000929	0.122	0.00000202	0.000213	0.00062	0.00155	0.000111
2065 Dec	0.000298	0.000964	0.128	0.00000924	1.83	2.84	0.0471	0.000429	7.36	0.00141	0.00986	0.000359	0.000198	0.000093	0.122	0.00000202	0.000214	0.00062	0.00155	0.000111
2066 Jan	0.000298	0.000964	0.128	0.00000925	1.83	2.84	0.0471	0.00043	7.37	0.00141	0.00986	0.000359	0.000198	0.000093	0.122	0.00000202	0.000214	0.00062	0.00155	0.000111
2066 Feb	0.000298	0.000965	0.128	0.00000925	1.83	2.84	0.0472	0.00043	7.37	0.00141	0.00986	0.000359	0.000198	0.0000931	0.122	0.00000202	0.000214	0.000621	0.00155	0.000111
2066 Mar	0.000298	0.000966	0.129	0.00000927	1.84	2.84	0.0472	0.000431	7.38	0.00141	0.00988	0.00036	0.000198	0.0000932	0.123	0.00000202	0.000214	0.000622	0.00155	0.000112
2066 Apr	0.000299	0.000969	0.129	0.00000929	1.84	2.85	0.0474	0.000432	7.4	0.00141	0.00991	0.000361	0.000199	0.0000935	0.123	0.00000203	0.000215	0.000623	0.00155	0.000112
2066 May	0.000304	0.00098	0.131	0.00000938	1.86	2.89	0.0483	0.000434	7.47	0.00143	0.01	0.000368	0.000201	0.0000946	0.124	0.00000205	0.000216	0.000634	0.00157	0.000112
2066 Jun	0.000284	0.000898	0.124	0.00000902	1.72	2.66	0.0457	0.000365	6.76	0.00135	0.00944	0.000352	0.000209	0.0000883	0.114	0.00000196	0.000194	0.000633	0.00161	0.000101
2066 Jul	0.000282	0.000921	0.126	0.00000947	1.76	2.69	0.0454	0.000372	6.91	0.00139	0.0098	0.000348	0.000221	0.0000901	0.116	0.00000205	0.000202	0.000644	0.0017	0.000105
2066 Aug	0.00029	0.000956	0.13	0.00000987	1.82	2.77	0.0465	0.000386	7.13	0.00144	0.0102	0.000356	0.000226	0.0000929	0.119	0.00000213	0.000207	0.000659	0.00176	0.000107
2066 Sep	0.000286	0.00096	0.129	0.00000991	1.8	2.75	0.0455	0.000394	7.07	0.00143	0.0102	0.000346	0.000221	0.0000917	0.118	0.00000214	0.000204	0.000646	0.00174	0.000105
2066 Oct	0.000274	0.00095	0.125	0.00000977	1.77	2.68	0.0431	0.000407	6.98	0.0014	0.0102	0.000324	0.000211	0.0000891	0.116	0.00000211	0.000204	0.000613	0.00169	0.000105
2066 Nov	0.000271	0.00095	0.124	0.00000972	1.78	2.68	0.0426	0.000416	7.06	0.0014	0.0101	0.000319	0.000211	0.0000894	0.116	0.00000211	0.00021	0.000605	0.00168	0.00011
2066 Dec	0.000272	0.00095	0.124	0.00000973	1.79	2.68	0.0427	0.000416	7.07	0.0014	0.0101	0.000319	0.000211	0.0000895	0.116	0.00000211	0.000211	0.000606	0.00168	0.00011
2067 Jan	0.000272	0.000951	0.124	0.00000973	1.79	2.68	0.0427	0.000416	7.07	0.0014	0.0101	0.000319	0.000211	0.0000895	0.116	0.00000211	0.000211	0.000606	0.00168	0.00011
2067 Feb	0.000272	0.000951	0.124	0.00000973	1.79	2.68	0.0427	0.000417	7.07	0.0014	0.0101	0.000319	0.000211	0.0000896	0.116	0.00000211	0.000211	0.000606	0.00168	0.00011
2067 Mar	0.000272	0.000952	0.125	0.00000974	1.79	2.69	0.0427	0.000417	7.08	0.00141	0.0101	0.000319	0.000211	0.0000897	0.116	0.00000211	0.000211	0.000607	0.00168	0.00011
2067 Apr	0.000272	0.000954	0.125	0.00000976	1.79	2.69	0.0428	0.000418	7.09	0.00141	0.0102	0.00032	0.000212	0.0000898	0.117	0.00000211	0.000211	0.000608	0.00168	0.000111
2067 May	0.000295	0.000979	0.132	0.00000987	1.83	2.82	0.0467	0.000411	7.2	0.00144	0.0103	0.000356	0.000215	0.000093	0.121	0.00000213	0.000207	0.00065	0.00171	0.000106
2067 Jun	0.000325	0.000971	0.138	0.00000953	1.83	2.94	0.0526	0.000374	7.15	0.00145	0.0101	0.000413	0.000219	0.0000957	0.125	0.00000205	0.000196	0.00071	0.00169	0.000101
2067 Jul	0.000334	0.00101	0.143	0.00001	1.9	3.04	0.054	0.000387	7.4	0.00151	0.0105	0.000424	0.00023	0.0000991	0.129	0.00000215	0.000204	0.000734	0.00178	0.000104
2067 Aug	0.000332	0.00103	0.144	0.0000103	1.91	3.04	0.0534	0.000391	7.41	0.00152	0.0107	0.00042	0.000228	0.0000992	0.129	0.0000022	0.000202	0.000724	0.00179	0.000102
2067 Sep	0.000327	0.00103	0.143	0.0000103	1.89	3.02	0.0523	0.000398	7.36	0.00152	0.0108	0.000409	0.000223	0.0000983	0.128	0.00000221	0.0002	0.000709	0.00178	0.0001
2067 Oct	0.000308	0.00101	0.137	0.0000101	1.85	2.91	0.0487	0.000415	7.25	0.00147	0.0105	0.000376	0.000211	0.0000946	0.124	0.00000216	0.000203	0.000662	0.0017	0.000103
2067 Nov	0.000304	0.00101	0.135	0.00001	1.85	2.89	0.0479	0.000423	7.27	0.00146	0.0105	0.000367	0.000209	0.0000942	0.124	0.00000215	0.000206	0.00065	0.00169	0.000106

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 Dec	0.000304	0.00101	0.135	0.00001	1.86	2.89	0.0479	0.000423	7.28	0.00146	0.0105	0.000367	0.000209	0.0000943	0.124	0.00000215	0.000207	0.000651	0.00169	0.000106
2068 Jan	0.000304	0.00101	0.135	0.00001	1.86	2.89	0.0479	0.000424	7.29	0.00146	0.0105	0.000367	0.000209	0.0000943	0.124	0.00000216	0.000207	0.000651	0.00169	0.000106
2068 Feb	0.000304	0.00101	0.135	0.00001	1.86	2.89	0.0479	0.000424	7.29	0.00146	0.0105	0.000367	0.000209	0.0000944	0.124	0.00000216	0.000207	0.000651	0.00169	0.000106
2068 Mar	0.000304	0.00101	0.135	0.00001	1.86	2.9	0.048	0.000424	7.3	0.00147	0.0105	0.000368	0.00021	0.0000945	0.124	0.00000216	0.000207	0.000652	0.00169	0.000106
2068 Apr	0.000306	0.00102	0.136	0.0000101	1.87	2.92	0.0483	0.000427	7.35	0.00148	0.0106	0.00037	0.000211	0.0000951	0.125	0.00000217	0.000208	0.000656	0.0017	0.000107
2068 May	0.000327	0.00104	0.142	0.0000102	1.91	3.03	0.052	0.00042	7.45	0.00151	0.0107	0.000404	0.000215	0.0000981	0.129	0.00000218	0.000206	0.000695	0.00172	0.000104
2068 Jun	0.000339	0.00096	0.14	0.00000919	1.83	2.99	0.0554	0.000358	7.11	0.00144	0.00976	0.000441	0.000217	0.000097	0.127	0.00000198	0.000194	0.000727	0.00163	0.000102
2068 Jul	0.000332	0.000969	0.14	0.00000948	1.84	2.97	0.0541	0.000359	7.11	0.00145	0.00996	0.00043	0.000222	0.0000968	0.126	0.00000204	0.000195	0.000722	0.00169	0.000103
2068 Aug	0.000344	0.00101	0.146	0.00000994	1.91	3.08	0.056	0.000376	7.4	0.00152	0.0104	0.000444	0.00023	0.000101	0.131	0.00000214	0.000202	0.000746	0.00176	0.000106
2068 Sep	0.000335	0.00101	0.143	0.00000996	1.88	3.04	0.0542	0.000384	7.28	0.0015	0.0105	0.000427	0.000222	0.0000985	0.129	0.00000213	0.000198	0.000724	0.00174	0.000102
2068 Oct	0.000331	0.00101	0.142	0.00000997	1.88	3.02	0.0533	0.000391	7.26	0.00149	0.0105	0.000419	0.000218	0.0000977	0.128	0.00000214	0.000198	0.000713	0.00173	0.000102
2068 Nov	0.000332	0.00102	0.143	0.00001	1.88	3.03	0.0533	0.000394	7.29	0.0015	0.0105	0.000419	0.000219	0.000098	0.128	0.00000214	0.000199	0.000714	0.00173	0.000103
2068 Dec	0.000332	0.00102	0.143	0.00001	1.89	3.03	0.0534	0.000395	7.31	0.0015	0.0105	0.000419	0.00022	0.0000982	0.129	0.00000214	0.000201	0.000714	0.00173	0.000104
2069 Jan	0.000332	0.00102	0.143	0.00001	1.89	3.03	0.0534	0.000396	7.33	0.0015	0.0105	0.000419	0.00022	0.0000983	0.129	0.00000214	0.000201	0.000714	0.00173	0.000104
2069 Feb	0.000332	0.00102	0.143	0.00001	1.89	3.03	0.0534	0.000396	7.33	0.0015	0.0105	0.000419	0.00022	0.0000984	0.129	0.00000214	0.000202	0.000714	0.00173	0.000105
2069 Mar	0.000332	0.00102	0.143	0.00001	1.89	3.03	0.0534	0.000397	7.34	0.0015	0.0105	0.000419	0.00022	0.0000984	0.129	0.00000215	0.000202	0.000714	0.00173	0.000105
2069 Apr	0.000332	0.00102	0.143	0.00001	1.9	3.04	0.0535	0.000398	7.36	0.0015	0.0105	0.000419	0.000221	0.0000986	0.129	0.00000215	0.000203	0.000715	0.00173	0.000105
2069 May	0.000339	0.00104	0.146	0.0000102	1.93	3.09	0.0546	0.000403	7.47	0.00153	0.0107	0.000429	0.000224	0.0001	0.131	0.00000218	0.000205	0.000729	0.00176	0.000107
2069 Jun	0.000304	0.000946	0.134	0.00000977	1.76	2.79	0.0493	0.000349	6.74	0.00143	0.0101	0.000386	0.000226	0.0000919	0.119	0.00000209	0.000186	0.000695	0.00176	0.0000966
2069 Jul	0.000299	0.000955	0.134	0.0000101	1.78	2.78	0.0484	0.000352	6.79	0.00145	0.0103	0.000377	0.000235	0.0000926	0.119	0.00000215	0.000191	0.000698	0.00183	0.0000998
2069 Aug	0.000302	0.000977	0.136	0.0000103	1.81	2.82	0.0486	0.000361	6.88	0.00148	0.0105	0.000378	0.000235	0.0000938	0.12	0.0000022	0.000192	0.000699	0.00186	0.0000995
2069 Sep	0.000285	0.000958	0.131	0.0000101	1.76	2.71	0.0453	0.000373	6.7	0.00143	0.0104	0.000348	0.00022	0.0000899	0.116	0.00000215	0.000189	0.000652	0.00178	0.0000971
2069 Oct	0.00026	0.000934	0.122	0.00000972	1.7	2.58	0.0404	0.000402	6.57	0.00136	0.0101	0.000302	0.0002	0.0000849	0.111	0.00000208	0.000193	0.000583	0.00165	0.000101
2069 Nov	0.000257	0.000935	0.121	0.0000097	1.7	2.56	0.0397	0.00041	6.59	0.00136	0.0101	0.000294	0.000198	0.0000844	0.111	0.00000208	0.000195	0.000573	0.00164	0.000103
2069 Dec	0.000257	0.000935	0.121	0.0000097	1.7	2.57	0.0397	0.000411	6.59	0.00136	0.0101	0.000294	0.000198	0.0000844	0.111	0.00000208	0.000195	0.000573	0.00164	0.000103
2070 Jan	0.000257	0.000935	0.121	0.0000097	1.7	2.57	0.0397	0.000411	6.6	0.00136	0.0101	0.000294	0.000198	0.0000845	0.111	0.00000208	0.000196	0.000573	0.00164	0.000103
2070 Feb	0.000257	0.000935	0.121	0.0000097	1.7	2.57	0.0397	0.000411	6.6	0.00136	0.0101	0.000294	0.000198	0.0000845	0.111	0.00000208	0.000196	0.000573	0.00164	0.000103
2070 Mar	0.000257	0.000936	0.121	0.00000971	1.7	2.57	0.0397	0.000412	6.61	0.00136	0.0101	0.000294	0.000198	0.0000845	0.111	0.00000208	0.000196	0.000573	0.00164	0.000104
2070 Apr	0.000258	0.000939	0.121	0.00000974	1.71	2.58	0.0399	0.000413	6.63	0.00136	0.0101	0.000296	0.000199	0.0000849	0.111	0.00000209	0.000197	0.000575	0.00165	0.000104
2070 May	0.000279	0.000963	0.128	0.00000983	1.75	2.7	0.0436	0.000408	6.77	0.0014	0.0103	0.00033	0.000203	0.0000881	0.116	0.0000021	0.000195	0.000615	0.00167	0.000102
2070 Jun	0.000323	0.000971	0.138	0.00000955	1.79	2.91	0.0519	0.000371	6.85	0.00143	0.0101	0.000408	0.00021	0.0000933	0.123	0.00000204	0.000185	0.0007	0.00166	0.0000953
2070 Jul	0.000328	0.000999	0.141	0.00000994	1.83	2.97	0.0527	0.000379	7	0.00147	0.0105	0.000414	0.000218	0.0000954	0.125	0.00000211	0.000188	0.000716	0.00173	0.0000968
2070 Aug	0.000333	0.00103	0.145	0.0000103	1.87	3.03	0.0533	0.000388	7.14	0.00151	0.0108	0.000419	0.000221	0.0000973	0.128	0.00000218	0.000191	0.000724	0.00178	0.0000976
2070 Sep	0.000313	0.00101	0.138	0.0000101	1.81	2.9	0.0495	0.000401	6.93	0.00145	0.0106	0.000384	0.000206	0.0000928	0.123	0.00000214	0.000188	0.000674	0.0017	0.000095
2070 Oct	0.000294	0.000989	0.132	0.00000983	1.77	2.8	0.0458	0.00042	6.84	0.00141	0.0104	0.00035	0.000194	0.0000893	0.119	0.00000209	0.000191	0.000627	0.00163	0.0000986
2070 Nov	0.000292	0.000989	0.131	0.00000982	1.77	2.79	0.0455	0.000423	6.86	0.00141	0.0104	0.000347	0.000194	0.0000893	0.119	0.00000209	0.000193	0.000623	0.00162	0.0000999
2070 Dec	0.000292	0.000989	0.132	0.00000982	1.77	2.8	0.0456	0.000423	6.86	0.00141	0.0104	0.000347	0.000194	0.0000893	0.119	0.00000209	0.000193	0.000623	0.00162	0.0001
2071 Jan	0.000292	0.000989	0.132	0.00000982	1.78	2.8	0.0456	0.000423	6.86	0.00141	0.0104	0.000347	0.000194	0.0000893	0.119	0.00000209	0.000193	0.000623	0.00162	0.0001
2071 Feb	0.000293	0.000989	0.132	0.00000982	1.78	2.8	0.0456	0.000423	6.86	0.00141	0.0104	0.000347	0.000194	0.0000893	0.119	0.00000209	0.000193	0.000623	0.00162	0.0001
2071 Mar	0.000293	0.000989	0.132	0.00000982	1.78	2.8	0.0456	0.000424	6.86	0.00141	0.0104	0.000347	0.000194	0.0000893	0.119	0.00000209	0.000193	0.000623	0.00162	0.0001
2071 Apr	0.000293	0.000991	0.132	0.00000983	1.78	2.8	0.0456	0.000424	6.87	0.00141	0.0104	0.000347	0.000194	0.0000895	0.119	0.0000021	0.000194	0.000624	0.00162	0.0001
2071 May	0.000314	0.00101	0.138	0.00000983	1.81	2.92	0.0495	0.000414	6.97	0.00144	0.0105	0.000384	0.000198	0.0000924	0.124	0.00000209	0.00019	0.000664	0.00164	0.0000975
2071 Jun	0.000337	0.000975	0.141	0.00000935	1.8	2.98	0.0545	0.000366	6.86	0.00143	0.01	0.000434	0.000207	0.0000945	0.125	0.00000199	0.000182	0.000719	0.00162	0.0000947
2071 Jul	0.000333	0.000981	0.141	0.00000958	1.81	2.97	0.0538	0.000369	6.93	0.00145	0.0102	0.000426	0.000214	0.0000952	0.125	0.00000204	0.000187	0.000721	0.00168	0.0000983
2071 Aug	0.00034	0.00101	0.145	0.00000992	1.86	3.05	0.0549	0.000382	7.11	0.00149	0.0105	0.000434	0.000218	0.0000977	0.129	0.00000211	0.000191	0.000735	0.00173	0.0001
2071 Sep	0.000324	0.000995	0.14	0.00000983	1.81	2.94	0.0518	0.000388	6.89	0.00145	0.0104	0.000405	0.000205	0.000094	0.124	0.00000209	0.000184	0.000692	0.00167	0.0000945
2071 Oct	0.000313	0.000985	0.136	0.0000097	1.79	2.89	0.0497	0.0004	6.87	0.00143	0.0103	0.000386	0.0002	0.0000923	0.122	0.00000206	0.000187	0.000665	0.00163	0.0000978
2071 Nov	0.000308	0.000985	0.135	0.00000969	1.79	2.86	0.0487	0.000407	6.85	0.00142	0.0103	0.000376	0.000196	0.0000914	0.122	0.00000206	0.000189	0.000653	0.00162	0.0000985
2071 Dec	0.000308	0.000985	0.135	0.00000969	1.79	2.86	0.0486	0.000408	6.85	0.00142	0.0103	0.000376	0.000196	0.0000914	0.122	0.00000206	0.000189	0.000652	0.00162	0.0000986
2072 Jan	0.000308	0.000985	0.135	0.00000969	1.79	2.86	0.0487	0.000408	6.85	0.00142	0.0103	0.000376	0.000196	0.0000914	0.122	0.00000206	0.000189	0.000652	0.00162	0.0000986
2072 Feb	0.000308	0.000985	0.135	0.00000969	1.79	2.86	0.0487	0.000408	6.86	0.00142	0.0103	0.000376	0.000196	0.0000914	0.122	0.00000206	0.000189	0.000652	0.00162	0.0000987
2072 Mar	0.000308	0.000985	0.135	0.00000969	1.79	2.86	0.0487	0.000408	6.86	0.00142	0.0103	0.000376	0.000196	0.0000915	0.122	0.00000206	0.000189	0.000652	0.00162	0.0000987
2072 Apr	0.000309	0.000988	0.135	0.00000972	1.79	2.87	0.0488	0.000409	6.87	0.00142	0.0103	0.000377	0.000197	0.0000917	0.122	0.00000207	0.000189	0.000654	0.00162	0.0000989
2072 May	0.000313	0.001	0.137	0.00000985	1.82	2.91	0.0495	0.000414	6.97	0.00144	0.0104	0.000382	0.0002	0.000093	0.124	0.0000021	0.000192	0.000663	0.00165	0.0001
2072 Jun	0.000275	0.000925	0.126	0.00000973	1.67	2.61	0.0435	0.000366	6.3	0.00136	0.0101	0.000333	0.000206	0.0000851	0.111	0.00000206	0.000175	0.00063	0.0017	0.0000904
2072 Jul	0.000265	0.000922	0.125	0.00000989	1.66	2.55	0.0417	0.00036	6.23	0.00136	0.0101	0.000318	0.000209	0.000084	0.109	0.00000209	0.000176	0.000616	0.00173	0.0000911
2072 Aug	0.00025	0.000911	0.12	0.00000986	1.64	2.48	0.039	0.000377	6.2	0.00134	0.00994	0.000291	0.000197	0.0000828	0.107	0.00000209	0.000177	0.000566	0.00168	0.0000928
2072 Sep	0.000237	0.000899	0.115	0.00000975	1.62	2.41	0.0365	0.000394	6.15	0.00131	0.00979	0.000267	0.000186	0.000081	0.105	0.00000207	0.000178	0.000525	0.00162	0.0000942
2072 Oct	0.000223	0.000888	0.11	0.00000949	1.6	2.35	0.0337	0.000416	6.14	0.00128	0.00964	0.00024	0.000176	0.0000785	0.102	0.00000202	0.000185	0.000486	0.00154	0.0001
2072 Nov	0.000222	0.000888	0.109	0.00000947	1.6	2.34	0.0334	0.00042	6.16	0.00128	0.00964	0.000236	0.000174	0.0000783	0.102	0.00000202	0.000187	0.000481	0.00153	0.000102
2072 Dec	0.000222	0.000888	0.109	0.00000947	1.6	2.34	0.0334	0.00042	6.16	0.00128	0.00964	0.000237	0.000174	0.0000783	0.102	0.00000202	0.000187	0.000481	0.00153	0.000102
2073 Jan	0.000222	0.000888	0.109	0.00000947	1.6	2.34	0.0334	0.000421	6.16	0.00128	0.00964	0.000237	0.000174	0.0000783	0.102	0.00000202	0.000187	0.000481	0.00153	0.000102
2073 Feb	0.000222	0.000888	0.109	0.00000947	1.6	2.34	0.0334	0.000421	6.16	0.00128	0.00964	0.000237	0.000174	0.0000784	0.102	0.00000202	0.000187	0.000482	0.00153	0.000102
2073 Mar	0.000222	0.000888	0.109	0.00000947	1.6	2.34	0.0334	0.000421	6.16	0.00128	0.00965	0.000237	0.000175	0.0000784	0.102	0.00000202	0.000187	0.000482	0.00153	0.000102
2073 Apr	0.000223	0.000894	0.11	0.00000953	1.61	2.36	0.0336	0.000423	6.2	0.00129	0.0097	0.000238	0.000176	0.0000788	0.103	0.00000203	0.000188	0.000485	0.00154	0.000102
2073 May	0.000257	0.000926	0.119	0.00000954	1.7	2.57	0.0399	0.000421	6.56	0.00135	0.00982	0.000294	0.000186	0.0000852	0.111	0.00000204	0.000195	0.000549	0.00156	0.000108
2073 Jun	0.000305	0.000939	0.131	0.00000928	1.76	2.81	0.0491	0.000381	6.72	0.00139	0.0097	0.000381	0.0002	0.0000915	0.12	0.00000198	0.000189	0.00065	0.00158	0.000104
2073 Jul	0.000306	0.000955	0.132	0.00000952	1.79	2.83	0.049	0.000388	6.84	0.00142	0.0099	0.00038	0.000205	0.0000928	0.121	0.00000203	0.000194	0.000653	0.00162	0.000109

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2073 Aug	0.000309	0.00098	0.135	0.00000981	1.82	2.88	0.0495	0.000396	6.95	0.00144	0.0102	0.000384	0.000207	0.0000944	0.123	0.00000209	0.000196	0.000658	0.00166	0.000109
2073 Sep	0.000299	0.000972	0.132	0.00000976	1.79	2.82	0.0475	0.000404	6.84	0.00142	0.0101	0.000365	0.000199	0.0000922	0.121	0.00000208	0.000193	0.000631	0.00163	0.000106
2073 Oct	0.000283	0.000957	0.126	0.00000956	1.76	2.73	0.0443	0.000422	6.79	0.00138	0.00997	0.000335	0.00019	0.0000893	0.117	0.00000204	0.000198	0.000591	0.00156	0.000111
2073 Nov	0.000279	0.000955	0.125	0.00000952	1.76	2.71	0.0436	0.000427	6.79	0.00138	0.00995	0.000329	0.000188	0.0000888	0.117	0.00000204	0.0002	0.000582	0.00155	0.000113
2073 Dec	0.000279	0.000955	0.125	0.00000952	1.76	2.72	0.0437	0.000427	6.79	0.00138	0.00995	0.000329	0.000188	0.0000889	0.117	0.00000204	0.0002	0.000582	0.00155	0.000113
2074 Jan	0.000279	0.000955	0.125	0.00000952	1.76	2.72	0.0437	0.000427	6.8	0.00138	0.00995	0.000329	0.000188	0.0000889	0.117	0.00000204	0.0002	0.000583	0.00155	0.000113
2074 Feb	0.000279	0.000955	0.125	0.00000952	1.76	2.72	0.0437	0.000427	6.8	0.00138	0.00995	0.000329	0.000188	0.0000889	0.117	0.00000204	0.0002	0.000583	0.00155	0.000113
2074 Mar	0.00028	0.000956	0.125	0.00000953	1.76	2.72	0.0437	0.000427	6.8	0.00138	0.00996	0.000329	0.000188	0.0000889	0.117	0.00000204	0.000201	0.000583	0.00155	0.000113
2074 Apr	0.000281	0.00096	0.126	0.00000958	1.77	2.73	0.0439	0.000429	6.83	0.00139	0.01	0.000331	0.000189	0.0000894	0.118	0.00000205	0.000202	0.000586	0.00156	0.000113
2074 May	0.000319	0.000994	0.136	0.00000957	1.87	2.97	0.051	0.000425	7.21	0.00145	0.0101	0.000394	0.000201	0.0000964	0.127	0.00000205	0.000209	0.000658	0.00159	0.000119
2074 Jun	0.000357	0.00098	0.143	0.00000906	1.9	3.13	0.0586	0.000381	7.28	0.00147	0.0097	0.000467	0.000212	0.000101	0.133	0.00000195	0.000204	0.000738	0.00157	0.000119
2074 Jul	0.000364	0.00101	0.148	0.00000945	1.96	3.21	0.0597	0.000393	7.5	0.00152	0.0101	0.000475	0.000221	0.000104	0.136	0.00000203	0.000212	0.000758	0.00164	0.000124
2074 Aug	0.000378	0.00106	0.154	0.0000099	2.04	3.34	0.0619	0.000411	7.81	0.00158	0.0105	0.000493	0.00023	0.000108	0.142	0.00000213	0.00022	0.000786	0.00171	0.000128
2074 Sep	0.000358	0.00104	0.148	0.00000979	1.97	3.2	0.058	0.000417	7.53	0.00153	0.0104	0.000457	0.000215	0.000103	0.136	0.0000021	0.000211	0.000738	0.00165	0.000121
2074 Oct	0.000342	0.00103	0.143	0.00000967	1.94	3.13	0.055	0.000433	7.48	0.0015	0.0103	0.000429	0.000208	0.000101	0.133	0.00000208	0.000215	0.000701	0.00161	0.000125
2074 Nov	0.000341	0.00103	0.142	0.00000966	1.96	3.13	0.0548	0.00044	7.56	0.00151	0.0103	0.000426	0.000209	0.000101	0.134	0.00000208	0.000221	0.000698	0.00161	0.00013
2074 Dec	0.000341	0.00103	0.142	0.00000966	1.96	3.13	0.0548	0.000441	7.58	0.00151	0.0103	0.000426	0.000209	0.000102	0.134	0.00000208	0.000222	0.000698	0.00161	0.000131
2075 Jan	0.000341	0.00103	0.142	0.00000966	1.96	3.13	0.0548	0.000441	7.58	0.00151	0.0103	0.000426	0.00021	0.000102	0.134	0.00000208	0.000222	0.000698	0.00161	0.000131
2075 Feb	0.000341	0.00103	0.142	0.00000966	1.96	3.13	0.0548	0.000442	7.58	0.00151	0.0103	0.000426	0.00021	0.000102	0.134	0.00000208	0.000222	0.000698	0.00161	0.000131
2075 Mar	0.000342	0.00103	0.142	0.00000967	1.97	3.14	0.0549	0.000442	7.59	0.00151	0.0103	0.000426	0.00021	0.000102	0.134	0.00000208	0.000223	0.000699	0.00161	0.000131
2075 Apr	0.000343	0.00103	0.143	0.0000097	1.98	3.15	0.0551	0.000446	7.65	0.00152	0.0104	0.000428	0.000211	0.000102	0.135	0.00000209	0.000225	0.000702	0.00162	0.000134
2075 May	0.000353	0.00105	0.146	0.00000979	2.02	3.23	0.0569	0.000452	7.83	0.00155	0.0105	0.000443	0.000217	0.000105	0.138	0.00000212	0.000231	0.000721	0.00164	0.000138
2075 Jun	0.000286	0.000918	0.126	0.00000941	1.78	2.72	0.046	0.000383	6.76	0.0014	0.00972	0.000352	0.00022	0.0000912	0.117	0.00000202	0.000208	0.000644	0.00167	0.000125
2075 Jul	0.000265	0.000892	0.121	0.0000095	1.74	2.58	0.0427	0.00037	6.56	0.00138	0.00966	0.000323	0.000226	0.0000883	0.112	0.00000204	0.000207	0.000623	0.00172	0.000126
2075 Aug	0.000267	0.000911	0.123	0.00000973	1.76	2.61	0.0428	0.000378	6.63	0.0014	0.00986	0.000323	0.000226	0.0000893	0.114	0.00000209	0.000208	0.000623	0.00174	0.000126
2075 Sep	0.000267	0.00092	0.123	0.00000984	1.76	2.62	0.0426	0.000384	6.65	0.0014	0.00997	0.000321	0.000225	0.0000894	0.114	0.00000211	0.000208	0.00062	0.00175	0.000125
2075 Oct	0.000262	0.000919	0.122	0.0000098	1.74	2.59	0.0415	0.000389	6.56	0.00139	0.00997	0.00031	0.000218	0.0000876	0.112	0.0000021	0.000204	0.000605	0.00172	0.000121
2075 Nov	0.000261	0.000921	0.122	0.00000981	1.74	2.59	0.0414	0.000393	6.59	0.00139	0.00999	0.000309	0.000218	0.0000878	0.113	0.0000021	0.000205	0.000603	0.00172	0.000122
2075 Dec	0.000261	0.000921	0.122	0.00000982	1.74	2.59	0.0414	0.000393	6.6	0.00139	0.01	0.000309	0.000218	0.0000878	0.113	0.0000021	0.000206	0.000604	0.00172	0.000122
2076 Jan	0.000261	0.000921	0.122	0.00000982	1.74	2.59	0.0414	0.000394	6.6	0.00139	0.01	0.000309	0.000218	0.0000879	0.113	0.0000021	0.000206	0.000604	0.00172	0.000122
2076 Feb	0.000261	0.000922	0.122	0.00000982	1.75	2.59	0.0414	0.000394	6.6	0.00139	0.01	0.000309	0.000218	0.0000879	0.113	0.0000021	0.000206	0.000604	0.00172	0.000122
2076 Mar	0.000262	0.000922	0.122	0.00000983	1.75	2.6	0.0414	0.000394	6.6	0.00139	0.01	0.000309	0.000218	0.000088	0.113	0.0000021	0.000206	0.000604	0.00172	0.000123
2076 Apr	0.000262	0.000925	0.122	0.00000986	1.75	2.6	0.0415	0.000395	6.62	0.0014	0.01	0.00031	0.000219	0.0000882	0.113	0.00000211	0.000206	0.000606	0.00173	0.000123
2076 May	0.000285	0.00095	0.129	0.00000995	1.79	2.74	0.0455	0.000389	6.75	0.00143	0.0102	0.000347	0.000222	0.0000914	0.118	0.00000212	0.000203	0.000648	0.00175	0.000119
2076 Jun	0.000325	0.000943	0.137	0.00000944	1.8	2.9	0.0531	0.000348	6.73	0.00143	0.00982	0.00042	0.000224	0.0000949	0.123	0.00000201	0.00019	0.000721	0.0017	0.00011
2076 Jul	0.000323	0.000954	0.138	0.00000966	1.83	2.91	0.0528	0.000355	6.85	0.00146	0.01	0.000416	0.00023	0.0000961	0.124	0.00000206	0.000197	0.000723	0.00174	0.000116
2076 Aug	0.000331	0.000989	0.142	0.00001	1.88	3	0.054	0.000369	7.06	0.00151	0.0104	0.000425	0.000236	0.000099	0.128	0.00000214	0.000202	0.000739	0.0018	0.000118
2076 Sep	0.00033	0.000998	0.143	0.0000101	1.89	3	0.0537	0.000376	7.07	0.00151	0.0105	0.000422	0.000234	0.0000989	0.128	0.00000216	0.000201	0.000735	0.00181	0.000117
2076 Oct	0.000315	0.000982	0.138	0.00000997	1.83	2.91	0.0507	0.000384	6.88	0.00147	0.0104	0.000395	0.000221	0.000095	0.124	0.00000212	0.000196	0.000697	0.00174	0.000113
2076 Nov	0.000312	0.000981	0.137	0.00000994	1.83	2.89	0.0502	0.000388	6.88	0.00146	0.0103	0.00039	0.00022	0.0000946	0.123	0.00000211	0.000198	0.000689	0.00173	0.000114
2076 Dec	0.000313	0.000981	0.137	0.00000995	1.83	2.89	0.0502	0.000389	6.89	0.00146	0.0103	0.00039	0.00022	0.0000947	0.123	0.00000212	0.000198	0.000689	0.00173	0.000115
2077 Jan	0.000313	0.000981	0.137	0.00000995	1.83	2.89	0.0502	0.000389	6.89	0.00146	0.0103	0.00039	0.00022	0.0000947	0.123	0.00000212	0.000198	0.000689	0.00173	0.000115
2077 Feb	0.000313	0.000981	0.137	0.00000995	1.83	2.9	0.0502	0.000389	6.89	0.00146	0.0103	0.00039	0.00022	0.0000947	0.124	0.00000212	0.000198	0.00069	0.00173	0.000115
2077 Mar	0.000313	0.000982	0.137	0.00000995	1.83	2.9	0.0502	0.000389	6.89	0.00146	0.0103	0.00039	0.00022	0.0000947	0.124	0.00000212	0.000198	0.00069	0.00173	0.000115
2077 Apr	0.000314	0.000985	0.137	0.00000998	1.84	2.91	0.0504	0.00039	6.91	0.00147	0.0104	0.000391	0.00022	0.000095	0.124	0.00000212	0.000199	0.000692	0.00174	0.000115
2077 May	0.00033	0.001	0.142	0.00001	1.87	3	0.0533	0.000387	7.03	0.00149	0.0105	0.000418	0.000223	0.0000975	0.128	0.00000213	0.000198	0.000722	0.00175	0.000114
2077 Jun	0.000349	0.000975	0.144	0.00000951	1.86	3.06	0.0573	0.000353	6.96	0.00148	0.01	0.000457	0.000226	0.0000989	0.129	0.00000202	0.000192	0.00076	0.00171	0.000112
2077 Jul	0.000353	0.001	0.148	0.00000992	1.9	3.11	0.0579	0.00036	7.1	0.00152	0.0104	0.000461	0.000236	0.000101	0.131	0.00000211	0.000197	0.000778	0.00179	0.000115
2077 Aug	0.000363	0.00104	0.152	0.0000103	1.96	3.21	0.0594	0.000375	7.33	0.00157	0.0108	0.000473	0.000242	0.000104	0.136	0.00000219	0.000202	0.000798	0.00185	0.000117
2077 Sep	0.000333	0.001	0.143	0.00001	1.87	3.02	0.0539	0.000387	7	0.00149	0.0104	0.000423	0.000221	0.0000979	0.128	0.00000213	0.000194	0.000724	0.00174	0.000112
2077 Oct	0.000324	0.000999	0.14	0.00000996	1.86	2.97	0.0519	0.000402	7	0.00148	0.0104	0.000404	0.000215	0.0000965	0.127	0.00000212	0.000199	0.000698	0.00171	0.000116
2077 Nov	0.000324	0.001	0.14	0.00000998	1.87	2.98	0.052	0.000404	7.03	0.00148	0.0104	0.000404	0.000216	0.0000968	0.127	0.00000212	0.0002	0.000699	0.00171	0.000117
2077 Dec	0.000324	0.001	0.14	0.00000998	1.87	2.98	0.052	0.000404	7.03	0.00148	0.0104	0.000404	0.000216	0.0000968	0.127	0.00000212	0.0002	0.0007	0.00171	0.000117
2078 Jan	0.000324	0.001	0.14	0.00000998	1.87	2.98	0.052	0.000404	7.03	0.00148	0.0104	0.000404	0.000216	0.0000968	0.127	0.00000212	0.0002	0.0007	0.00171	0.000117
2078 Feb	0.000324	0.001	0.14	0.00000998	1.87	2.98	0.052	0.000404	7.03	0.00148	0.0104	0.000404	0.000216	0.0000969	0.127	0.00000212	0.000201	0.0007	0.00171	0.000117
2078 Mar	0.000324	0.001	0.14	0.00000999	1.87	2.98	0.0521	0.000404	7.04	0.00148	0.0104	0.000404	0.000216	0.0000969	0.127	0.00000212	0.000201	0.0007	0.00171	0.000117
2078 Apr	0.000326	0.00101	0.141	0.00001	1.88	3	0.0523	0.000407	7.08	0.00149	0.0105	0.000407	0.000217	0.0000974	0.128	0.00000213	0.000202	0.000704	0.00172	0.000118
2078 May	0.000367	0.00104	0.151	0.00000993	1.95	3.23	0.0599	0.000394	7.35	0.00154	0.0105	0.000476	0.000224	0.000104	0.136	0.00000211	0.000201	0.000777	0.00172	0.000118
2078 Jun	0.000389	0.00101	0.154	0.00000937	1.96	3.31	0.0643	0.000365	7.37	0.00153	0.01	0.000519	0.000227	0.000106	0.139	0.000002	0.000199	0.000815	0.00166	0.00012
2078 Jul	0.000397	0.00105	0.158	0.00000977	2.02	3.4	0.0657	0.000377	7.59	0.00158	0.0104	0.00053	0.000235	0.000109	0.143	0.00000208	0.000206	0.000836	0.00173	0.000124
2078 Aug	0.000395	0.00106	0.159	0.00001	2.02	3.4	0.0651	0.000381	7.6	0.00159	0.0106	0.000525	0.000233	0.000109	0.143	0.00000213	0.000205	0.000826	0.00175	0.000122
2078 Sep	0.00039	0.00107	0.158	0.0000101	2.01	3.38	0.064	0.000389	7.57	0.00159	0.0107	0.000514	0.000229	0.000108	0.142	0.00000214	0.000202	0.000812	0.00174	0.000119
2078 Oct	0.00038	0.00106	0.155	0.00001	2	3.32	0.0621	0.000398	7.53	0.00157	0.0106	0.000496	0.000224	0.000107	0.14	0.00000213	0.000205	0.000789	0.00171	0.000122
2078 Nov	0.000378	0.00106	0.155	0.00001	2	3.32	0.0617	0.000404	7.56	0.00157	0.0106	0.000492	0.000224	0.000107	0.14	0.00000213	0.000208	0.000784	0.00171	0.000125
2078 Dec	0.000378	0.00106	0.155	0.00001	2.01	3.32	0.0617	0.000404	7.57	0.00157	0.0106	0.000493	0.000224	0.000107	0.14	0.00000213	0.000208	0.000784	0.00171	0.000125
2079 Jan	0.000378	0.00106	0.155	0.00001	2.01	3.32	0.0617	0.000404	7.57	0.00157	0.0106	0.000492	0.000224	0.000107	0.14	0.00000213	0.000209	0.000784	0.00171	0.000125
2079 Feb	0.000378	0.00106	0.155	0.00001	2.01	3.32	0.0617	0.000404	7.57	0.00157	0.0106	0.000492	0.000224	0.000107	0.14	0.00000213	0.000209	0.000784	0.00171	0.000125
2079 Mar	0.000378	0.00106	0.155	0.00001	2.01	3.32	0.0618	0.000404	7.58	0.00157	0.0106	0.000493	0.000224	0.000107	0.14	0.00000213	0.000209	0.000785	0.00171	0.000125

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2079 Apr	0.00038	0.00106	0.155	0.00001	2.01	3.34	0.062	0.000406	7.6	0.00158	0.0107	0.000494	0.000225	0.000107	0.141	0.00000214	0.00021	0.000787	0.00172	0.000126
2079 May	0.000387	0.00108	0.158	0.0000102	2.04	3.39	0.0631	0.000409	7.7	0.0016	0.0108	0.000504	0.000228	0.000109	0.143	0.00000217	0.000211	0.000801	0.00174	0.000126
2079 Jun	0.000337	0.000961	0.141	0.00000957	1.83	2.99	0.0554	0.000349	6.83	0.00146	0.00995	0.000441	0.000228	0.0000976	0.126	0.00000203	0.000192	0.000744	0.00172	0.000116
2079 Jul	0.00032	0.000946	0.138	0.00000968	1.81	2.89	0.0526	0.000345	6.71	0.00145	0.00995	0.000415	0.000232	0.0000955	0.123	0.00000206	0.000193	0.000723	0.00176	0.000118
2079 Aug	0.000326	0.000976	0.141	0.00001	1.85	2.95	0.0533	0.000354	6.86	0.00149	0.0103	0.000421	0.000235	0.0000975	0.125	0.00000212	0.000196	0.000731	0.0018	0.000119
2079 Sep	0.000313	0.000969	0.137	0.00000995	1.82	2.88	0.0508	0.000367	6.75	0.00146	0.0102	0.000398	0.000225	0.0000948	0.123	0.00000211	0.000194	0.000698	0.00175	0.000117
2079 Oct	0.000303	0.000963	0.134	0.00000983	1.81	2.83	0.0486	0.000384	6.75	0.00144	0.0102	0.000377	0.000218	0.0000933	0.121	0.00000209	0.000199	0.000669	0.00171	0.000122
2079 Nov	0.000298	0.000961	0.132	0.00000979	1.81	2.81	0.0477	0.000392	6.76	0.00143	0.0101	0.000368	0.000215	0.0000927	0.121	0.00000208	0.000202	0.000657	0.00169	0.000124
2079 Dec	0.000295	0.00096	0.131	0.00000977	1.8	2.8	0.0472	0.000396	6.76	0.00143	0.0101	0.000362	0.000213	0.0000921	0.12	0.00000208	0.000203	0.000649	0.00168	0.000125
2080 Jan	0.000295	0.00096	0.131	0.00000977	1.8	2.8	0.0472	0.000396	6.76	0.00143	0.0101	0.000362	0.000214	0.0000922	0.12	0.00000208	0.000203	0.000649	0.00168	0.000125
2080 Feb	0.000295	0.00096	0.131	0.00000977	1.8	2.8	0.0472	0.000396	6.76	0.00143	0.0101	0.000362	0.000214	0.0000922	0.12	0.00000208	0.000203	0.000649	0.00168	0.000125
2080 Mar	0.000295	0.00096	0.131	0.00000977	1.8	2.8	0.0472	0.000397	6.76	0.00143	0.0101	0.000362	0.000214	0.0000922	0.12	0.00000208	0.000203	0.000649	0.00168	0.000125
2080 Apr	0.000296	0.000962	0.132	0.00000979	1.81	2.8	0.0473	0.000397	6.77	0.00143	0.0101	0.000363	0.000214	0.0000924	0.12	0.00000208	0.000203	0.000651	0.00168	0.000125
2080 May	0.000301	0.000976	0.134	0.00000993	1.83	2.84	0.048	0.000403	6.87	0.00145	0.0103	0.000369	0.000217	0.0000937	0.122	0.00000211	0.000206	0.000661	0.00171	0.000127
2080 Jun	0.000262	0.000896	0.122	0.00000971	1.68	2.54	0.0418	0.000357	6.21	0.00136	0.00984	0.000318	0.00022	0.0000855	0.11	0.00000206	0.00019	0.000621	0.00174	0.000116
2080 Jul	0.000244	0.000874	0.118	0.00000975	1.63	2.42	0.0388	0.000343	6	0.00134	0.00975	0.000292	0.000222	0.0000825	0.105	0.00000206	0.000186	0.000597	0.00176	0.000115
2080 Aug	0.000243	0.00089	0.119	0.00000996	1.64	2.43	0.0385	0.000349	6.04	0.00135	0.00991	0.00029	0.00022	0.0000829	0.105	0.00000211	0.000186	0.000589	0.00177	0.000114
2080 Sep	0.000235	0.000886	0.116	0.00000991	1.63	2.39	0.0369	0.000365	6.03	0.00134	0.00985	0.000274	0.000212	0.0000819	0.104	0.0000021	0.000187	0.000561	0.00173	0.000115
2080 Oct	0.00023	0.000887	0.114	0.00000982	1.64	2.38	0.0357	0.000381	6.08	0.00133	0.00983	0.000261	0.000207	0.0000813	0.104	0.00000208	0.000193	0.000543	0.00169	0.00012
2080 Nov	0.000226	0.000886	0.113	0.00000976	1.64	2.36	0.0349	0.000391	6.09	0.00132	0.00981	0.000253	0.000203	0.0000806	0.103	0.00000207	0.000196	0.00053	0.00167	0.000122
2080 Dec	0.000226	0.000887	0.113	0.00000976	1.64	2.36	0.0348	0.000392	6.1	0.00132	0.00981	0.000252	0.000203	0.0000807	0.103	0.00000207	0.000196	0.000529	0.00167	0.000122
2081 Jan	0.000226	0.000887	0.113	0.00000976	1.64	2.36	0.0348	0.000392	6.1	0.00132	0.00981	0.000252	0.000203	0.0000807	0.103	0.00000207	0.000196	0.000529	0.00167	0.000122
2081 Feb	0.000226	0.000887	0.113	0.00000976	1.64	2.36	0.0348	0.000392	6.1	0.00132	0.00981	0.000252	0.000203	0.0000807	0.103	0.00000207	0.000196	0.000529	0.00167	0.000122
2081 Mar	0.000226	0.000887	0.113	0.00000977	1.64	2.36	0.0348	0.000393	6.1	0.00132	0.00981	0.000252	0.000203	0.0000807	0.103	0.00000207	0.000196	0.000529	0.00167	0.000123
2081 Apr	0.000227	0.00089	0.113	0.0000098	1.64	2.37	0.035	0.000394	6.12	0.00132	0.00985	0.000253	0.000204	0.000081	0.104	0.00000208	0.000197	0.000531	0.00167	0.000123
2081 May	0.00027	0.000931	0.125	0.00000985	1.71	2.62	0.0427	0.00038	6.35	0.00138	0.01	0.000324	0.000209	0.0000868	0.113	0.00000208	0.00019	0.00061	0.00169	0.000115
2081 Jun	0.000307	0.000941	0.133	0.00000956	1.76	2.8	0.0496	0.00036	6.54	0.00141	0.00988	0.000388	0.000215	0.0000918	0.119	0.00000203	0.000188	0.000677	0.00168	0.000115
2081 Jul	0.000319	0.000983	0.139	0.00001	1.84	2.93	0.0515	0.000377	6.84	0.00148	0.0104	0.000403	0.000226	0.000096	0.125	0.00000213	0.000198	0.000707	0.00176	0.000122
2081 Aug	0.000332	0.00103	0.145	0.0000105	1.92	3.05	0.0536	0.000395	7.14	0.00154	0.0108	0.000419	0.000235	0.0001	0.13	0.00000223	0.000206	0.000734	0.00184	0.000126
2081 Sep	0.000323	0.00102	0.143	0.0000105	1.89	3	0.0519	0.000401	7.03	0.00152	0.0108	0.000403	0.000226	0.0000982	0.128	0.00000222	0.000201	0.00071	0.00181	0.000121
2081 Oct	0.000319	0.00102	0.142	0.0000105	1.88	2.97	0.0509	0.000405	6.97	0.00151	0.0108	0.000394	0.000222	0.0000969	0.127	0.00000222	0.000198	0.000699	0.0018	0.000119
2081 Nov	0.000313	0.00101	0.14	0.0000104	1.85	2.93	0.0497	0.000406	6.86	0.00149	0.0108	0.000383	0.000216	0.000095	0.125	0.0000022	0.000195	0.000683	0.00177	0.000115
2081 Dec	0.000312	0.00101	0.14	0.0000104	1.85	2.92	0.0496	0.000406	6.85	0.00149	0.0108	0.000382	0.000215	0.0000948	0.124	0.0000022	0.000194	0.000682	0.00177	0.000115
2082 Jan	0.000312	0.00101	0.14	0.0000104	1.85	2.92	0.0496	0.000406	6.85	0.00149	0.0108	0.000382	0.000215	0.0000948	0.124	0.0000022	0.000194	0.000682	0.00177	0.000115
2082 Feb	0.000312	0.00101	0.14	0.0000104	1.85	2.92	0.0496	0.000406	6.85	0.00149	0.0108	0.000382	0.000215	0.0000949	0.124	0.0000022	0.000194	0.000682	0.00177	0.000115
2082 Mar	0.000312	0.00102	0.14	0.0000104	1.85	2.92	0.0496	0.000406	6.86	0.00149	0.0108	0.000383	0.000215	0.0000949	0.125	0.0000022	0.000194	0.000682	0.00177	0.000115
2082 Apr	0.000313	0.00102	0.14	0.0000104	1.85	2.93	0.0497	0.000407	6.88	0.00149	0.0108	0.000384	0.000216	0.0000951	0.125	0.0000022	0.000195	0.000684	0.00177	0.000115
2082 May	0.000317	0.00103	0.142	0.0000106	1.88	2.97	0.0504	0.000414	6.98	0.00151	0.0109	0.000388	0.000219	0.0000965	0.127	0.00000223	0.000199	0.000692	0.00179	0.000118
2082 Jun	0.000255	0.000897	0.121	0.00000992	1.68	2.51	0.0407	0.000359	6.16	0.00137	0.00996	0.000306	0.000224	0.0000851	0.109	0.0000021	0.00019	0.000617	0.00178	0.000119
2082 Jul	0.000226	0.000845	0.112	0.00000975	1.61	2.31	0.0361	0.00034	5.87	0.00132	0.00962	0.000266	0.000229	0.0000807	0.101	0.00000207	0.000191	0.00058	0.00179	0.000123
2082 Aug	0.000231	0.000872	0.115	0.0000101	1.65	2.37	0.0366	0.000352	6.01	0.00136	0.00992	0.000269	0.000232	0.0000827	0.104	0.00000213	0.000194	0.000587	0.00184	0.000125
2082 Sep	0.00023	0.000881	0.116	0.0000102	1.65	2.37	0.0363	0.00036	6.03	0.00136	0.01	0.000265	0.000229	0.0000826	0.104	0.00000215	0.000193	0.000581	0.00184	0.000123
2082 Oct	0.000219	0.000868	0.111	0.00000992	1.6	2.3	0.0339	0.00037	5.87	0.00131	0.00986	0.000244	0.000213	0.000079	0.1	0.0000021	0.000189	0.000545	0.00175	0.000119
2082 Nov	0.000219	0.00087	0.112	0.00000993	1.61	2.3	0.0339	0.000373	5.9	0.00132	0.00988	0.000244	0.000214	0.0000793	0.101	0.0000021	0.00019	0.000544	0.00175	0.00012
2082 Dec	0.000219	0.000871	0.112	0.00000993	1.61	2.3	0.034	0.000374	5.91	0.00132	0.00988	0.000244	0.000214	0.0000793	0.101	0.0000021	0.000191	0.000545	0.00175	0.00012
2083 Jan	0.000219	0.000871	0.112	0.00000994	1.61	2.3	0.034	0.000374	5.91	0.00132	0.00988	0.000244	0.000214	0.0000794	0.101	0.0000021	0.000191	0.000545	0.00175	0.00012
2083 Feb	0.000219	0.000871	0.112	0.00000994	1.61	2.3	0.034	0.000374	5.91	0.00132	0.00988	0.000244	0.000214	0.0000794	0.101	0.0000021	0.000191	0.000545	0.00175	0.00012
2083 Mar	0.000219	0.000872	0.112	0.00000995	1.61	2.31	0.034	0.000374	5.91	0.00132	0.00989	0.000245	0.000214	0.0000794	0.101	0.0000021	0.000191	0.000545	0.00175	0.00012
2083 Apr	0.00022	0.000875	0.112	0.00000998	1.62	2.31	0.0341	0.000376	5.94	0.00132	0.00993	0.000245	0.000215	0.0000797	0.101	0.00000211	0.000192	0.000547	0.00176	0.000121
2083 May	0.000255	0.000913	0.121	0.00001	1.72	2.54	0.0404	0.000382	6.36	0.00139	0.0101	0.000301	0.000224	0.0000867	0.111	0.00000212	0.000202	0.000607	0.00177	0.00013
2083 Jun	0.000308	0.000922	0.133	0.00000945	1.78	2.81	0.0504	0.000351	6.58	0.00142	0.00973	0.000394	0.000228	0.0000933	0.12	0.00000201	0.000197	0.000697	0.00171	0.000128
2083 Jul	0.000305	0.000934	0.133	0.00000968	1.81	2.81	0.0498	0.000358	6.67	0.00144	0.0099	0.000388	0.000233	0.0000942	0.121	0.00000206	0.000203	0.000696	0.00175	0.000134
2083 Aug	0.000297	0.000945	0.133	0.00000987	1.79	2.77	0.0482	0.000357	6.59	0.00143	0.01	0.000376	0.000226	0.0000928	0.119	0.00000209	0.000198	0.000669	0.00174	0.000128
2083 Sep	0.000286	0.000941	0.129	0.00000979	1.77	2.72	0.046	0.000376	6.58	0.00141	0.00998	0.000354	0.000218	0.0000911	0.117	0.00000208	0.000201	0.000639	0.0017	0.000131
2083 Oct	0.000267	0.000926	0.123	0.00000954	1.75	2.63	0.0421	0.000404	6.54	0.00137	0.00982	0.000317	0.000205	0.0000878	0.114	0.00000203	0.000208	0.000586	0.00161	0.000138
2083 Nov	0.000262	0.000923	0.121	0.00000947	1.75	2.61	0.0411	0.000415	6.56	0.00136	0.00978	0.000307	0.000202	0.0000873	0.114	0.00000202	0.000213	0.000572	0.00159	0.000143
2083 Dec	0.000262	0.000923	0.121	0.00000947	1.75	2.61	0.0411	0.000416	6.58	0.00136	0.00978	0.000307	0.000203	0.0000874	0.114	0.00000202	0.000214	0.000572	0.00159	0.000144
2084 Jan	0.000262	0.000923	0.121	0.00000947	1.75	2.61	0.0411	0.000416	6.58	0.00136	0.00978	0.000307	0.000203	0.0000874	0.114	0.00000202	0.000214	0.000572	0.00159	0.000144
2084 Feb	0.000262	0.000923	0.121	0.00000947	1.75	2.61	0.0412	0.000416	6.58	0.00136	0.00978	0.000307	0.000203	0.0000874	0.114	0.00000203	0.000214	0.000572	0.00159	0.000144
2084 Mar	0.000262	0.000924	0.121	0.00000948	1.75	2.61	0.0412	0.000416	6.59	0.00137	0.00979	0.000308	0.000203	0.0000875	0.114	0.00000203	0.000214	0.000573	0.00159	0.000144
2084 Apr	0.000263	0.000929	0.121	0.00000953	1.76	2.63	0.0414	0.000418	6.62	0.00137	0.00984	0.000309	0.000204	0.000088	0.114	0.00000204	0.000215	0.000576	0.0016	0.000145
2084 May	0.000305	0.000969	0.133	0.00000961	1.83	2.86	0.0488	0.000406	6.87	0.00143	0.0101	0.000377	0.000211	0.000094	0.123	0.00000205	0.00021	0.000654	0.00163	0.000139
2084 Jun	0.000336	0.000956	0.139	0.00000916	1.85	2.99	0.0549	0.000372	6.9	0.00144	0.00968	0.000436	0.000216	0.0000974	0.127	0.00000195	0.000204	0.000714	0.0016	0.000136
2084 Jul	0.000337	0.000976	0.141	0.00000946	1.88	3.03	0.0552	0.000379	7.03	0.00147	0.00994	0.000437	0.000223	0.000099	0.129	0.00000202	0.000209	0.000723	0.00165	0.00014
2084 Aug	0.000341	0.001	0.144	0.00000974	1.92	3.08	0.0557	0.00039	7.15	0.0015	0.0102	0.00044	0.000225	0.000101	0.131	0.00000207	0.000212	0.000728	0.00169	0.000141
2084 Sep	0.000332	0.000993	0.141	0.00000973	1.89	3.02	0.0538	0.000396	7.06	0.00148	0.0101	0.000422	0.000217	0.0000989	0.129	0.00000207	0.000209	0.000702	0.00166	0.000138
2084 Oct	0.000315	0.00098	0.135	0.00000957	1.87	2.94	0.0506	0.000416	7.03	0.00145	0.01	0.000392	0.000209	0.0000964	0.126	0.00000204	0.000215	0.000663	0.00161	0.000145
2084 Nov	0.00031	0.000976	0.133	0.00000952	1.87	2.91	0.0496	0.000424	7.02	0.00144	0.01	0.000382	0.000207	0.0000956	0.125	0.00000203	0.000218	0.000649	0.00159	0.000147

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Dec	0.00031	0.000977	0.133	0.00000952	1.87	2.91	0.0496	0.000424	7.03	0.00144	0.01	0.000382	0.000207	0.0000957	0.126	0.00000204	0.000218	0.000649	0.00159	0.000148
2085 Jan	0.00031	0.000977	0.133	0.00000952	1.87	2.92	0.0496	0.000425	7.03	0.00144	0.01	0.000382	0.000207	0.0000957	0.126	0.00000204	0.000219	0.000649	0.00159	0.000148
2085 Feb	0.00031	0.000977	0.133	0.00000952	1.87	2.92	0.0496	0.000425	7.04	0.00144	0.01	0.000382	0.000207	0.0000957	0.126	0.00000204	0.000219	0.000649	0.00159	0.000148
2085 Mar	0.00031	0.000977	0.133	0.00000952	1.87	2.92	0.0496	0.000425	7.04	0.00144	0.01	0.000382	0.000207	0.0000958	0.126	0.00000204	0.000219	0.000649	0.00159	0.000148
2085 Apr	0.000311	0.00098	0.134	0.00000955	1.88	2.93	0.0497	0.000426	7.06	0.00145	0.01	0.000383	0.000208	0.0000961	0.126	0.00000204	0.00022	0.000651	0.00159	0.000149
2085 May	0.000341	0.00101	0.142	0.0000096	1.93	3.1	0.0552	0.000416	7.25	0.00149	0.0102	0.000433	0.000214	0.000101	0.132	0.00000205	0.000216	0.000709	0.00162	0.000145
2085 Jun	0.000368	0.00102	0.149	0.00000949	1.96	3.23	0.0603	0.000395	7.33	0.00152	0.0101	0.000481	0.00022	0.000104	0.137	0.00000202	0.000211	0.000764	0.00163	0.000141
2085 Jul	0.000376	0.00105	0.154	0.00000988	2.01	3.31	0.0615	0.000406	7.52	0.00157	0.0105	0.000491	0.000227	0.000107	0.14	0.0000021	0.000216	0.000782	0.00169	0.000144
2085 Aug	0.000362	0.00104	0.15	0.00000991	1.98	3.23	0.059	0.000409	7.4	0.00154	0.0104	0.000468	0.000219	0.000105	0.137	0.00000211	0.000213	0.000746	0.00167	0.000141
2085 Sep	0.000339	0.00102	0.142	0.00000973	1.96	3.11	0.0547	0.000433	7.36	0.00151	0.0102	0.000427	0.00021	0.000102	0.134	0.00000208	0.000222	0.00069	0.0016	0.000151
2085 Oct	0.000323	0.001	0.136	0.00000956	1.95	3.04	0.0517	0.000453	7.36	0.00148	0.0101	0.000397	0.000204	0.0000998	0.131	0.00000205	0.000231	0.000652	0.00155	0.000162
2085 Nov	0.000315	0.000997	0.134	0.00000947	1.95	3	0.0502	0.000464	7.39	0.00147	0.01	0.000383	0.000202	0.0000992	0.13	0.00000204	0.000238	0.000633	0.00153	0.000169
2085 Dec	0.000315	0.000998	0.134	0.00000947	1.95	3	0.0502	0.000465	7.4	0.00147	0.01	0.000383	0.000203	0.0000993	0.13	0.00000204	0.000239	0.000633	0.00153	0.00017
2086 Jan	0.000315	0.000998	0.134	0.00000947	1.95	3	0.0502	0.000465	7.4	0.00147	0.01	0.000383	0.000203	0.0000993	0.13	0.00000204	0.000239	0.000633	0.00153	0.00017
2086 Feb	0.000315	0.000998	0.134	0.00000947	1.95	3	0.0502	0.000465	7.4	0.00147	0.01	0.000383	0.000203	0.0000993	0.13	0.00000204	0.000239	0.000634	0.00153	0.00017
2086 Mar	0.000315	0.000998	0.134	0.00000947	1.95	3	0.0503	0.000465	7.4	0.00147	0.01	0.000383	0.000203	0.0000993	0.13	0.00000204	0.000239	0.000634	0.00153	0.00017
2086 Apr	0.000316	0.001	0.134	0.00000951	1.96	3.02	0.0505	0.000467	7.43	0.00148	0.01	0.000384	0.000204	0.0000997	0.131	0.00000205	0.00024	0.000636	0.00153	0.00017
2086 May	0.000329	0.00102	0.139	0.00000963	1.99	3.1	0.0527	0.000467	7.54	0.0015	0.0102	0.000405	0.000207	0.000102	0.134	0.00000207	0.00024	0.000662	0.00156	0.000169
2086 Jun	0.000336	0.000971	0.138	0.00000926	1.91	3.04	0.0548	0.000403	7.15	0.00147	0.00976	0.00043	0.000216	0.0000999	0.13	0.00000198	0.00022	0.000703	0.00159	0.000154
2086 Jul	0.00033	0.000981	0.139	0.00000956	1.93	3.03	0.0538	0.000408	7.22	0.00149	0.00998	0.000419	0.000226	0.000101	0.131	0.00000205	0.000227	0.000704	0.00166	0.000161
2086 Aug	0.000328	0.000997	0.14	0.00000981	1.94	3.04	0.0533	0.000415	7.25	0.0015	0.0102	0.000415	0.000224	0.000101	0.131	0.0000021	0.000226	0.000696	0.00167	0.000159
2086 Sep	0.000314	0.000986	0.135	0.00000976	1.92	2.96	0.0506	0.000427	7.17	0.00148	0.0101	0.000389	0.000215	0.0000989	0.128	0.00000209	0.000225	0.000658	0.00163	0.000159
2086 Oct	0.000309	0.000986	0.133	0.00000973	1.93	2.95	0.0497	0.000442	7.26	0.00148	0.0101	0.000379	0.000214	0.000099	0.128	0.00000209	0.000234	0.000645	0.00162	0.000168
2086 Nov	0.00031	0.000988	0.134	0.00000975	1.94	2.96	0.0497	0.000444	7.28	0.00148	0.0101	0.000379	0.000215	0.0000993	0.129	0.00000209	0.000235	0.000646	0.00162	0.000168
2086 Dec	0.00031	0.000989	0.134	0.00000975	1.94	2.96	0.0498	0.000444	7.28	0.00148	0.0101	0.000379	0.000215	0.0000994	0.129	0.00000209	0.000235	0.000646	0.00162	0.000169
2087 Jan	0.00031	0.000989	0.134	0.00000975	1.94	2.96	0.0498	0.000444	7.28	0.00148	0.0101	0.000379	0.000215	0.0000994	0.129	0.00000209	0.000235	0.000647	0.00162	0.000169
2087 Feb	0.00031	0.000989	0.134	0.00000975	1.94	2.96	0.0498	0.000444	7.28	0.00148	0.0101	0.000379	0.000215	0.0000994	0.129	0.00000209	0.000235	0.000647	0.00162	0.000169
2087 Mar	0.00031	0.00099	0.134	0.00000976	1.94	2.96	0.0498	0.000445	7.29	0.00149	0.0101	0.00038	0.000215	0.0000995	0.129	0.00000209	0.000235	0.000647	0.00162	0.000169
2087 Apr	0.000311	0.000992	0.134	0.00000978	1.95	2.97	0.0499	0.000445	7.31	0.00149	0.0101	0.000381	0.000216	0.0000997	0.129	0.0000021	0.000236	0.000649	0.00163	0.000169
2087 May	0.000327	0.00101	0.139	0.00000981	1.97	3.06	0.0529	0.000438	7.37	0.00151	0.0102	0.000408	0.000218	0.000102	0.132	0.0000021	0.000232	0.00068	0.00164	0.000165
2087 Jun	0.000358	0.00101	0.146	0.00000958	1.97	3.19	0.0587	0.0004	7.32	0.00152	0.0101	0.000465	0.000223	0.000104	0.136	0.00000204	0.000218	0.000746	0.00165	0.000152
2087 Jul	0.000357	0.00102	0.148	0.00000985	1.98	3.2	0.0584	0.000402	7.36	0.00154	0.0103	0.000463	0.000225	0.000105	0.136	0.0000021	0.000218	0.000746	0.00169	0.000151
2087 Aug	0.000364	0.00106	0.152	0.0000102	2.03	3.27	0.0594	0.000414	7.54	0.00158	0.0106	0.00047	0.00023	0.000107	0.139	0.00000217	0.000223	0.000758	0.00173	0.000154
2087 Sep	0.000364	0.00107	0.152	0.0000103	2.04	3.29	0.0592	0.000424	7.59	0.00159	0.0108	0.000467	0.000229	0.000107	0.14	0.0000022	0.000223	0.000756	0.00174	0.000154
2087 Oct	0.000355	0.00106	0.15	0.0000103	2.03	3.24	0.0575	0.000435	7.57	0.00158	0.0107	0.000451	0.000225	0.000106	0.139	0.00000218	0.000227	0.000735	0.00172	0.000158
2087 Nov	0.000352	0.00106	0.148	0.0000102	2.03	3.23	0.0568	0.000441	7.59	0.00157	0.0107	0.000444	0.000224	0.000106	0.138	0.00000218	0.00023	0.000727	0.00171	0.000161
2087 Dec	0.000352	0.00106	0.148	0.0000102	2.03	3.23	0.0569	0.000441	7.59	0.00157	0.0107	0.000444	0.000224	0.000106	0.138	0.00000218	0.00023	0.000727	0.00171	0.000161
2088 Jan	0.000352	0.00106	0.148	0.0000102	2.03	3.23	0.0569	0.000441	7.6	0.00157	0.0107	0.000444	0.000224	0.000106	0.138	0.00000218	0.00023	0.000727	0.00171	0.000161
2088 Feb	0.000352	0.00106	0.148	0.0000102	2.03	3.23	0.0569	0.000441	7.6	0.00157	0.0107	0.000444	0.000224	0.000106	0.138	0.00000218	0.00023	0.000727	0.00171	0.000161
2088 Mar	0.000352	0.00106	0.148	0.0000102	2.04	3.23	0.0569	0.000442	7.6	0.00157	0.0107	0.000445	0.000224	0.000106	0.139	0.00000218	0.000231	0.000727	0.00171	0.000162
2088 Apr	0.000355	0.00107	0.15	0.0000103	2.05	3.26	0.0574	0.000445	7.66	0.00159	0.0108	0.000448	0.000226	0.000107	0.14	0.0000022	0.000232	0.000733	0.00172	0.000163
2088 May	0.000362	0.00109	0.153	0.0000105	2.09	3.32	0.0586	0.000452	7.8	0.00162	0.011	0.000457	0.00023	0.000109	0.142	0.00000223	0.000236	0.000748	0.00175	0.000165
2088 Jun	0.00032	0.000995	0.14	0.0000102	1.89	2.96	0.0517	0.000394	6.96	0.0015	0.0104	0.000401	0.00023	0.0000982	0.127	0.00000216	0.00021	0.000705	0.00178	0.000145
2088 Jul	0.000315	0.001	0.14	0.0000105	1.91	2.96	0.051	0.000394	6.99	0.00153	0.0107	0.000394	0.00024	0.0000986	0.127	0.00000222	0.000213	0.000713	0.00185	0.000147
2088 Aug	0.000329	0.00106	0.147	0.0000111	2	3.09	0.0532	0.000415	7.32	0.0016	0.0112	0.000411	0.00025	0.000103	0.133	0.00000234	0.000222	0.000743	0.00194	0.000152
2088 Sep	0.00033	0.00107	0.148	0.0000112	2.01	3.11	0.0531	0.000422	7.36	0.00161	0.0114	0.000409	0.000249	0.000104	0.134	0.00000236	0.000223	0.000742	0.00195	0.000152
2088 Oct	0.000308	0.00104	0.14	0.0000108	1.93	2.96	0.049	0.00043	7.08	0.00154	0.0111	0.000372	0.00023	0.0000979	0.127	0.00000228	0.000216	0.000686	0.00185	0.000146
2088 Nov	0.000304	0.00103	0.139	0.0000107	1.92	2.94	0.048	0.000437	7.08	0.00153	0.011	0.000363	0.000228	0.0000973	0.127	0.00000227	0.000219	0.000673	0.00183	0.00015
2088 Dec	0.000304	0.00103	0.139	0.0000107	1.92	2.94	0.0481	0.000438	7.09	0.00153	0.011	0.000363	0.000228	0.0000974	0.127	0.00000227	0.00022	0.000673	0.00183	0.00015
2089 Jan	0.000304	0.00103	0.139	0.0000108	1.92	2.94	0.0481	0.000438	7.09	0.00153	0.011	0.000363	0.000228	0.0000974	0.127	0.00000227	0.00022	0.000673	0.00183	0.00015
2089 Feb	0.000304	0.00103	0.139	0.0000108	1.92	2.94	0.0481	0.000438	7.09	0.00153	0.011	0.000363	0.000228	0.0000974	0.127	0.00000227	0.00022	0.000673	0.00183	0.00015
2089 Mar	0.000304	0.00103	0.139	0.0000108	1.93	2.94	0.0481	0.000439	7.1	0.00153	0.011	0.000364	0.000228	0.0000975	0.127	0.00000228	0.00022	0.000674	0.00183	0.000151
2089 Apr	0.000306	0.00104	0.14	0.0000108	1.94	2.96	0.0484	0.000441	7.13	0.00154	0.0111	0.000365	0.000229	0.000098	0.128	0.00000229	0.000221	0.000677	0.00184	0.000151
2089 May	0.00033	0.00106	0.146	0.0000108	1.97	3.09	0.0527	0.000431	7.26	0.00157	0.0112	0.000406	0.000232	0.000101	0.132	0.00000228	0.000217	0.000722	0.00185	0.000147
2089 Jun	0.000367	0.00106	0.155	0.0000105	2	3.27	0.0598	0.0004	7.33	0.00159	0.011	0.000473	0.000236	0.000105	0.138	0.00000221	0.000207	0.000792	0.00183	0.000139
2089 Jul	0.000369	0.00109	0.157	0.0000108	2.02	3.3	0.0599	0.000405	7.42	0.00162	0.0113	0.000474	0.000239	0.000106	0.139	0.00000227	0.000209	0.000795	0.00187	0.000139
2089 Aug	0.000372	0.00111	0.16	0.0000111	2.06	3.34	0.0601	0.000416	7.56	0.00165	0.0115	0.000476	0.000242	0.000108	0.142	0.00000234	0.000213	0.000797	0.0019	0.000142
2089 Sep	0.000365	0.00112	0.158	0.0000111	2.06	3.32	0.0589	0.000428	7.57	0.00164	0.0115	0.000463	0.000238	0.000107	0.141	0.00000234	0.000216	0.00078	0.00189	0.000145
2089 Oct	0.000334	0.00107	0.147	0.0000106	2	3.14	0.0532	0.000453	7.43	0.00157	0.0111	0.00041	0.000223	0.000102	0.135	0.00000225	0.000226	0.000705	0.00176	0.000157
2089 Nov	0.000331	0.00107	0.146	0.0000106	2	3.13	0.0525	0.00046	7.45	0.00157	0.0111	0.000403	0.000222	0.000102	0.135	0.00000225	0.000229	0.000697	0.00175	0.000161
2089 Dec	0.000331	0.00107	0.146	0.0000106	2.01	3.13	0.0525	0.000461	7.46	0.00157	0.0111	0.000403	0.000222	0.000102	0.135	0.00000225	0.00023	0.000697	0.00175	0.000162
2090 Jan	0.000331	0.00107	0.146	0.0000106	2.01	3.14	0.0526	0.000461	7.47	0.00157	0.0111	0.000403	0.000222	0.000102	0.135	0.00000225	0.00023	0.000697	0.00175	0.000162
2090 Feb	0.000331	0.00107	0.146	0.0000106	2.01	3.14	0.0526	0.000461	7.47	0.00157	0.0111	0.000403	0.000222	0.000102	0.135	0.00000225	0.00023	0.000697	0.00175	0.000162
2090 Mar	0.000331	0.00107	0.146	0.0000106	2.01	3.14	0.0526	0.000462	7.47	0.00157	0.0111	0.000404	0.000223	0.000102	0.135	0.00000225	0.00023	0.000698	0.00176	0.000162
2090 Apr	0.000332	0.00108	0.146	0.0000107	2.02	3.15	0.0528	0.000463	7.5	0.00157	0.0112	0.000405	0.000223	0.000103	0.135	0.00000226	0.000231	0.0007	0.00176	0.000163
2090 May	0.000338	0.00109	0.148	0.0000107	2.08	3.22	0.0539	0.000477	7.74	0.0016	0.0112	0.000413	0.00023	0.000106	0.139	0.00000228	0.000245	0.000711	0.00177	0.000178
2090 Jun	0.000351	0.00103	0.147	0.00000995	2.01	3.19	0.0573	0.000419	7.45	0.00155	0.0105	0.000449	0.000235	0.000105	0.137	0.00000212	0.000232	0.000749	0.00172	0.000171
2090 Jul	0.000347	0.00104	0.147	0.0000102	2.03	3.18	0.0566	0.000421	7.49	0.00157	0.0107	0.000442	0.000242	0.000105	0.137	0.00000218	0.000235	0.000751	0.00178	0.000174

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2090 Aug	0.000323	0.00101	0.14	0.0000101	1.97	3.03	0.0522	0.000428	7.27	0.00153	0.0104	0.000402	0.000226	0.000102	0.131	0.00000216	0.00023	0.000685	0.00171	0.000171
2090 Sep	0.0003	0.000988	0.132	0.00000988	1.93	2.91	0.0479	0.000451	7.18	0.00148	0.0102	0.000362	0.000214	0.0000981	0.127	0.00000211	0.000236	0.000628	0.00163	0.000179
2090 Oct	0.000273	0.000962	0.123	0.00000954	1.88	2.77	0.0427	0.000478	7.04	0.00142	0.00992	0.000313	0.000198	0.000093	0.122	0.00000205	0.000242	0.000562	0.00153	0.000186
2090 Nov	0.000267	0.000954	0.12	0.00000944	1.87	2.73	0.0416	0.000484	7.03	0.0014	0.00985	0.000302	0.000195	0.000092	0.121	0.00000203	0.000245	0.000547	0.0015	0.00019
2090 Dec	0.000267	0.000955	0.12	0.00000945	1.87	2.73	0.0416	0.000485	7.04	0.0014	0.00985	0.000302	0.000195	0.0000921	0.121	0.00000203	0.000245	0.000547	0.0015	0.00019
2091 Jan	0.000267	0.000955	0.12	0.00000945	1.87	2.73	0.0416	0.000485	7.04	0.0014	0.00985	0.000302	0.000195	0.0000922	0.121	0.00000203	0.000245	0.000547	0.0015	0.00019
2091 Feb	0.000267	0.000955	0.12	0.00000945	1.87	2.73	0.0416	0.000485	7.04	0.0014	0.00985	0.000302	0.000195	0.0000922	0.121	0.00000203	0.000245	0.000547	0.0015	0.00019
2091 Mar	0.000267	0.000956	0.121	0.00000946	1.87	2.74	0.0416	0.000486	7.05	0.0014	0.00986	0.000302	0.000196	0.0000923	0.121	0.00000203	0.000246	0.000548	0.0015	0.000191
2091 Apr	0.000269	0.000961	0.121	0.00000951	1.88	2.75	0.0419	0.000489	7.09	0.00141	0.00992	0.000304	0.000197	0.0000928	0.122	0.00000205	0.000247	0.000551	0.00151	0.000192
2091 May	0.000287	0.000985	0.127	0.00000964	1.92	2.86	0.0451	0.000485	7.22	0.00145	0.0101	0.000333	0.000201	0.0000957	0.126	0.00000207	0.000245	0.000587	0.00154	0.000189
2091 Jun	0.000336	0.000989	0.139	0.00000939	1.93	3.07	0.0545	0.000425	7.18	0.00148	0.00994	0.000424	0.000212	0.0001	0.132	0.000002	0.000224	0.000694	0.00157	0.000169
2091 Jul	0.000344	0.00102	0.144	0.00000983	2	3.16	0.0558	0.000437	7.41	0.00153	0.0104	0.000434	0.000222	0.000103	0.136	0.0000021	0.000231	0.000718	0.00165	0.000174
2091 Aug	0.000332	0.00102	0.141	0.0000099	1.96	3.09	0.0535	0.00044	7.28	0.00151	0.0103	0.000414	0.000213	0.000101	0.133	0.0000021	0.000226	0.000684	0.00163	0.000169
2091 Sep	0.000317	0.00101	0.136	0.00000985	1.95	3.01	0.0508	0.000455	7.24	0.00149	0.0102	0.000387	0.000206	0.0000999	0.13	0.0000021	0.000229	0.000646	0.0016	0.000173
2091 Oct	0.000302	0.000989	0.131	0.00000965	1.93	2.93	0.0479	0.000472	7.22	0.00146	0.01	0.00036	0.000201	0.0000979	0.128	0.00000206	0.000238	0.00061	0.00154	0.000183
2091 Nov	0.00029	0.000977	0.126	0.0000095	1.92	2.87	0.0456	0.000484	7.19	0.00144	0.00992	0.000338	0.000195	0.0000959	0.126	0.00000204	0.000243	0.000582	0.0015	0.00019
2091 Dec	0.00029	0.000977	0.126	0.0000095	1.92	2.87	0.0456	0.000486	7.2	0.00144	0.00992	0.000337	0.000196	0.000096	0.126	0.00000204	0.000244	0.000581	0.0015	0.000191
2092 Jan	0.00029	0.000977	0.126	0.0000095	1.92	2.87	0.0456	0.000486	7.2	0.00144	0.00992	0.000337	0.000196	0.0000961	0.126	0.00000204	0.000244	0.000581	0.0015	0.000191
2092 Feb	0.00029	0.000977	0.126	0.0000095	1.92	2.87	0.0456	0.000486	7.2	0.00144	0.00992	0.000338	0.000196	0.0000961	0.126	0.00000204	0.000244	0.000581	0.0015	0.000191
2092 Mar	0.00029	0.000979	0.127	0.00000952	1.92	2.88	0.0457	0.000487	7.22	0.00144	0.00994	0.000338	0.000196	0.0000963	0.126	0.00000204	0.000244	0.000582	0.0015	0.000191
2092 Apr	0.000291	0.000983	0.127	0.00000956	1.93	2.89	0.0459	0.000489	7.25	0.00145	0.00998	0.00034	0.000197	0.0000967	0.127	0.00000205	0.000245	0.000585	0.00151	0.000192
2092 May	0.000311	0.00101	0.133	0.00000964	2	3.02	0.0495	0.000491	7.49	0.00149	0.0101	0.000372	0.000205	0.000101	0.132	0.00000207	0.000252	0.000624	0.00154	0.000198
2092 Jun	0.000338	0.000959	0.137	0.00000901	1.94	3.07	0.0555	0.000415	7.21	0.00146	0.00951	0.000434	0.000216	0.000102	0.132	0.00000193	0.000232	0.000699	0.00153	0.000185
2092 Jul	0.000323	0.000946	0.134	0.00000913	1.93	2.99	0.0531	0.000414	7.16	0.00146	0.00952	0.000411	0.000223	0.0001	0.13	0.00000196	0.000237	0.000684	0.00158	0.000192
2092 Aug	0.000331	0.000979	0.138	0.00000948	1.99	3.07	0.0542	0.000429	7.37	0.0015	0.00985	0.00042	0.000228	0.000103	0.133	0.00000204	0.000244	0.000698	0.00163	0.000196
2092 Sep	0.000325	0.000979	0.136	0.00000951	1.99	3.05	0.053	0.000442	7.4	0.0015	0.00985	0.000406	0.000225	0.000103	0.133	0.00000204	0.000248	0.000679	0.00161	0.000201
2092 Oct	0.000317	0.000975	0.133	0.00000945	2.01	3.03	0.0515	0.000459	7.47	0.0015	0.00981	0.000391	0.000224	0.000103	0.133	0.00000204	0.000258	0.00066	0.00159	0.000212
2092 Nov	0.000315	0.000976	0.132	0.00000944	2.01	3.02	0.0512	0.000463	7.5	0.0015	0.00981	0.000388	0.000224	0.000103	0.133	0.00000204	0.000261	0.000656	0.00158	0.000215
2092 Dec	0.000316	0.000976	0.133	0.00000945	2.01	3.03	0.0513	0.000464	7.51	0.0015	0.00981	0.000388	0.000224	0.000103	0.133	0.00000204	0.000261	0.000657	0.00159	0.000216
2093 Jan	0.000316	0.000976	0.133	0.00000945	2.02	3.03	0.0513	0.000464	7.51	0.0015	0.00981	0.000388	0.000224	0.000103	0.133	0.00000204	0.000261	0.000657	0.00159	0.000216
2093 Feb	0.000316	0.000976	0.133	0.00000945	2.02	3.03	0.0513	0.000464	7.51	0.0015	0.00981	0.000388	0.000224	0.000103	0.133	0.00000204	0.000261	0.000657	0.00159	0.000216
2093 Mar	0.000316	0.000979	0.133	0.00000947	2.02	3.03	0.0514	0.000465	7.53	0.0015	0.00984	0.000389	0.000225	0.000103	0.133	0.00000205	0.000262	0.000658	0.00159	0.000216
2093 Apr	0.000318	0.000984	0.134	0.00000952	2.03	3.05	0.0517	0.000467	7.57	0.00151	0.00989	0.000391	0.000226	0.000104	0.134	0.00000206	0.000263	0.000662	0.0016	0.000217
2093 May	0.000335	0.00101	0.139	0.00000963	2.07	3.15	0.0546	0.000466	7.71	0.00154	0.01	0.000418	0.00023	0.000107	0.138	0.00000208	0.000263	0.000694	0.00162	0.000216
2093 Jun	0.000359	0.000991	0.144	0.00000932	2.03	3.22	0.0595	0.000417	7.52	0.00153	0.0098	0.000468	0.000233	0.000107	0.139	0.000002	0.000243	0.000751	0.00162	0.000198
2093 Jul	0.000362	0.00102	0.147	0.00000967	2.07	3.27	0.0598	0.000425	7.65	0.00157	0.0101	0.00047	0.00024	0.000109	0.141	0.00000207	0.000247	0.000762	0.00168	0.000201
2093 Aug	0.000367	0.00104	0.15	0.00000997	2.11	3.33	0.0606	0.000436	7.8	0.0016	0.0104	0.000475	0.000243	0.000111	0.143	0.00000214	0.000251	0.00077	0.00172	0.000203
2093 Sep	0.00036	0.00104	0.148	0.00001	2.09	3.29	0.059	0.000443	7.73	0.00159	0.0104	0.000461	0.000237	0.000109	0.142	0.00000214	0.000248	0.000751	0.00171	0.0002
2093 Oct	0.000328	0.00101	0.138	0.00000964	2.02	3.1	0.0531	0.000464	7.5	0.00152	0.0101	0.000406	0.00022	0.000103	0.135	0.00000207	0.00025	0.000678	0.0016	0.000204
2093 Nov	0.000317	0.000999	0.134	0.00000956	1.99	3.04	0.0508	0.000475	7.43	0.00149	0.0101	0.000385	0.000213	0.000101	0.132	0.00000205	0.000252	0.00065	0.00156	0.000206
2093 Dec	0.000317	0.001	0.134	0.00000956	1.99	3.04	0.0508	0.000475	7.44	0.00149	0.0101	0.000385	0.000214	0.000101	0.133	0.00000205	0.000252	0.000651	0.00157	0.000206
2094 Jan	0.000317	0.001	0.134	0.00000956	2	3.04	0.0508	0.000475	7.44	0.00149	0.0101	0.000385	0.000214	0.000101	0.133	0.00000205	0.000252	0.000651	0.00157	0.000206
2094 Feb	0.000317	0.001	0.134	0.00000956	2	3.04	0.0508	0.000476	7.44	0.00149	0.0101	0.000385	0.000214	0.000101	0.133	0.00000205	0.000252	0.000651	0.00157	0.000206
2094 Mar	0.000318	0.001	0.135	0.00000958	2	3.04	0.0509	0.000476	7.45	0.0015	0.0101	0.000386	0.000214	0.000101	0.133	0.00000206	0.000253	0.000652	0.00157	0.000206
2094 Apr	0.000319	0.001	0.135	0.00000961	2	3.05	0.0511	0.000478	7.48	0.0015	0.0101	0.000387	0.000215	0.000102	0.133	0.00000206	0.000253	0.000654	0.00157	0.000207
2094 May	0.00034	0.00102	0.141	0.00000959	2.05	3.18	0.055	0.000473	7.66	0.00153	0.0102	0.000422	0.000221	0.000105	0.138	0.00000206	0.000256	0.000694	0.00159	0.000211
2094 Jun	0.000375	0.00104	0.15	0.00000957	2.08	3.35	0.0616	0.000442	7.73	0.00157	0.0102	0.000486	0.000229	0.00011	0.144	0.00000205	0.000244	0.000769	0.00162	0.000198
2094 Jul	0.00039	0.00109	0.157	0.0000101	2.17	3.49	0.064	0.00046	8.05	0.00165	0.0108	0.000504	0.00024	0.000114	0.15	0.00000216	0.000254	0.000802	0.00171	0.000205
2094 Aug	0.000408	0.00115	0.165	0.0000107	2.28	3.66	0.0668	0.000483	8.44	0.00173	0.0113	0.000526	0.000251	0.00012	0.157	0.00000228	0.000265	0.000837	0.0018	0.000214
2094 Sep	0.000397	0.00114	0.162	0.0000107	2.24	3.59	0.0646	0.000487	8.29	0.0017	0.0113	0.000507	0.000242	0.000117	0.154	0.00000227	0.000258	0.000812	0.00178	0.000206
2094 Oct	0.000375	0.00111	0.155	0.0000104	2.17	3.44	0.0604	0.000494	8.05	0.00164	0.0111	0.000469	0.000229	0.000112	0.148	0.00000222	0.000254	0.000762	0.00171	0.000203
2094 Nov	0.000352	0.00109	0.147	0.0000101	2.13	3.32	0.0563	0.00051	7.93	0.00159	0.0109	0.00043	0.00022	0.000108	0.143	0.00000217	0.000261	0.00071	0.00164	0.000212
2094 Dec	0.000351	0.00108	0.147	0.0000101	2.13	3.31	0.056	0.000512	7.94	0.00159	0.0109	0.000428	0.00022	0.000108	0.143	0.00000217	0.000262	0.000707	0.00163	0.000214
2095 Jan	0.000351	0.00108	0.147	0.0000101	2.13	3.31	0.056	0.000512	7.94	0.00159	0.0109	0.000428	0.00022	0.000108	0.143	0.00000217	0.000262	0.000707	0.00163	0.000214
2095 Feb	0.000351	0.00108	0.147	0.0000101	2.13	3.31	0.056	0.000512	7.94	0.00159	0.0109	0.000428	0.00022	0.000108	0.143	0.00000217	0.000263	0.000707	0.00163	0.000214
2095 Mar	0.000351	0.00109	0.147	0.0000101	2.13	3.31	0.0561	0.000513	7.95	0.00159	0.0109	0.000428	0.00022	0.000108	0.144	0.00000217	0.000263	0.000708	0.00163	0.000214
2095 Apr	0.000352	0.00109	0.148	0.0000102	2.14	3.33	0.0563	0.000515	7.99	0.0016	0.0109	0.00043	0.000221	0.000109	0.144	0.00000218	0.000264	0.000711	0.00164	0.000215
2095 May	0.000374	0.0011	0.153	0.0000102	2.15	3.43	0.0602	0.000498	8.02	0.00162	0.011	0.000467	0.000224	0.000111	0.147	0.00000217	0.000256	0.000752	0.00165	0.000206
2095 Jun	0.000403	0.00112	0.162	0.0000102	2.19	3.59	0.0657	0.000477	8.14	0.00166	0.0111	0.000519	0.000232	0.000115	0.153	0.00000218	0.000249	0.000815	0.0017	0.000198
2095 Jul	0.000418	0.00118	0.169	0.0000108	2.28	3.73	0.068	0.000495	8.46	0.00174	0.0116	0.000537	0.000241	0.000119	0.159	0.00000229	0.000258	0.000845	0.00178	0.000205
2095 Aug	0.000402	0.00116	0.165	0.0000107	2.22	3.61	0.0651	0.000489	8.24	0.0017	0.0115	0.000513	0.000232	0.000116	0.154	0.00000228	0.000249	0.000806	0.00175	0.000196
2095 Sep	0.00039	0.00115	0.161	0.0000107	2.2	3.55	0.0629	0.000498	8.18	0.00168	0.0114	0.000492	0.000226	0.000115	0.152	0.00000228	0.000249	0.000777	0.00173	0.000197
2095 Oct	0.000385	0.00115	0.159	0.0000107	2.22	3.54	0.062	0.000508	8.23	0.00168	0.0114	0.000482	0.000226	0.000115	0.152	0.00000227	0.000256	0.000765	0.00171	0.000206
2095 Nov	0.000372	0.00113	0.155	0.0000105	2.19	3.46	0.0595	0.000517	8.15	0.00165	0.0112	0.000459	0.000221	0.000112	0.149	0.00000225	0.000259	0.000735	0.00167	0.00021
2095 Dec	0.00037	0.00113	0.154	0.0000105	2.19	3.45	0.0592	0.000519	8.15	0.00165	0.0112	0.000456	0.00022	0.000112	0.149	0.00000224	0.00026	0.000732	0.00167	0.000211
2096 Jan	0.00037	0.00113	0.154	0.0000105	2.19	3.45	0.0592	0.000519	8.15	0.00165	0.0112	0.000456	0.00022	0.000112	0.149	0.00000224	0.00026	0.000732	0.00167	0.000211
2096 Feb	0.00037	0.00113	0.154	0.0000105	2.19	3.45	0.0593	0.000519	8.16	0.00165	0.0112	0.000457	0.000221	0.000112	0.149	0.00000225	0.000261	0.000732	0.00167	0.000212
2096 Mar	0.000371	0.00113	0.154	0.0000105	2.19	3.46	0.0593	0.00052	8.17	0.00165	0.0112	0.000457	0.000221	0.000112	0.149	0.00000225	0.000261	0.000733	0.00167	0.000212

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2096 Apr	0.000372	0.00114	0.155	0.0000106	2.2	3.47	0.0596	0.000522	8.2	0.00166	0.0113	0.000459	0.000222	0.000113	0.15	0.00000226	0.000262	0.000736	0.00168	0.000213
2096 May	0.000384	0.00115	0.158	0.0000106	2.28	3.57	0.0618	0.000533	8.49	0.0017	0.0113	0.000477	0.000231	0.000117	0.154	0.00000227	0.000278	0.000758	0.00169	0.000232
2096 Jun	0.000353	0.00102	0.145	0.00000975	2.05	3.23	0.0577	0.000441	7.56	0.00156	0.0102	0.00045	0.000233	0.000107	0.139	0.00000208	0.000247	0.000739	0.00166	0.000208
2096 Jul	0.000347	0.00103	0.145	0.00001	2.07	3.21	0.0568	0.000445	7.62	0.00158	0.0104	0.00044	0.000242	0.000108	0.139	0.00000214	0.000253	0.00074	0.00173	0.000215
2096 Aug	0.000359	0.00107	0.151	0.0000105	2.15	3.33	0.0587	0.000464	7.9	0.00164	0.0109	0.000454	0.000249	0.000112	0.144	0.00000223	0.000261	0.000763	0.00179	0.000222
2096 Sep	0.000346	0.00106	0.147	0.0000104	2.1	3.25	0.056	0.00047	7.73	0.00161	0.0108	0.000431	0.000238	0.000108	0.141	0.00000222	0.000255	0.00073	0.00175	0.000214
2096 Oct	0.000319	0.00103	0.138	0.0000101	2.03	3.08	0.0508	0.000486	7.48	0.00154	0.0106	0.000383	0.00022	0.000102	0.134	0.00000215	0.000252	0.000666	0.00166	0.000212
2096 Nov	0.000314	0.00103	0.137	0.0000101	2.02	3.06	0.0499	0.000493	7.47	0.00153	0.0106	0.000374	0.000218	0.000101	0.133	0.00000215	0.000254	0.000653	0.00164	0.000214
2096 Dec	0.000314	0.00103	0.137	0.0000101	2.02	3.06	0.0499	0.000493	7.47	0.00153	0.0106	0.000374	0.000218	0.000101	0.133	0.00000215	0.000254	0.000654	0.00164	0.000214
2097 Jan	0.000314	0.00103	0.137	0.0000101	2.02	3.06	0.0499	0.000493	7.48	0.00153	0.0106	0.000374	0.000218	0.000102	0.134	0.00000215	0.000254	0.000654	0.00164	0.000215
2097 Feb	0.000314	0.00103	0.137	0.0000101	2.02	3.06	0.0499	0.000494	7.48	0.00153	0.0106	0.000374	0.000218	0.000102	0.134	0.00000215	0.000255	0.000654	0.00164	0.000215
2097 Mar	0.000314	0.00103	0.137	0.0000101	2.02	3.06	0.0499	0.000494	7.49	0.00153	0.0106	0.000374	0.000218	0.000102	0.134	0.00000215	0.000255	0.000654	0.00164	0.000215
2097 Apr	0.000316	0.00104	0.137	0.0000101	2.03	3.08	0.0502	0.000496	7.53	0.00154	0.0106	0.000376	0.000219	0.000102	0.134	0.00000216	0.000256	0.000657	0.00165	0.000216
2097 May	0.000332	0.00106	0.143	0.0000103	2.07	3.18	0.053	0.000493	7.63	0.00157	0.0108	0.000402	0.000223	0.000105	0.138	0.00000218	0.000254	0.000689	0.00168	0.000212
2097 Jun	0.000361	0.00106	0.15	0.0000101	2.05	3.28	0.0585	0.00045	7.54	0.00158	0.0107	0.000456	0.000227	0.000107	0.141	0.00000214	0.000236	0.000752	0.00169	0.000194
2097 Jul	0.000372	0.0011	0.155	0.0000106	2.13	3.39	0.0602	0.000465	7.8	0.00164	0.0112	0.000469	0.000237	0.00011	0.145	0.00000224	0.000244	0.000777	0.00178	0.000199
2097 Aug	0.000376	0.00113	0.158	0.0000109	2.16	3.45	0.0608	0.000476	7.94	0.00167	0.0114	0.000474	0.00024	0.000112	0.148	0.0000023	0.000246	0.000785	0.00182	0.000201
2097 Sep	0.000377	0.00114	0.159	0.000011	2.18	3.47	0.0608	0.000483	7.99	0.00169	0.0116	0.000473	0.000239	0.000113	0.148	0.00000233	0.000247	0.000784	0.00183	0.0002
2097 Oct	0.000369	0.00113	0.157	0.0000109	2.14	3.41	0.0592	0.000484	7.86	0.00166	0.0115	0.000459	0.000233	0.00011	0.146	0.00000231	0.000242	0.000766	0.0018	0.000194
2097 Nov	0.000365	0.00112	0.155	0.0000109	2.12	3.38	0.0583	0.000485	7.79	0.00165	0.0115	0.000451	0.000229	0.000109	0.145	0.0000023	0.00024	0.000755	0.00179	0.000192
2097 Dec	0.000364	0.00112	0.155	0.0000109	2.12	3.38	0.0582	0.000486	7.8	0.00165	0.0115	0.000451	0.000229	0.000109	0.145	0.0000023	0.00024	0.000754	0.00179	0.000192
2098 Jan	0.000364	0.00112	0.155	0.0000109	2.12	3.38	0.0582	0.000486	7.8	0.00165	0.0115	0.000451	0.000229	0.000109	0.145	0.0000023	0.00024	0.000754	0.00179	0.000193
2098 Feb	0.000364	0.00112	0.155	0.0000109	2.12	3.38	0.0583	0.000486	7.8	0.00165	0.0115	0.000451	0.000229	0.000109	0.145	0.0000023	0.000241	0.000754	0.00179	0.000193
2098 Mar	0.000364	0.00112	0.155	0.0000109	2.13	3.38	0.0583	0.000486	7.81	0.00165	0.0115	0.000451	0.000229	0.000109	0.145	0.0000023	0.000241	0.000755	0.00179	0.000193
2098 Apr	0.000367	0.00113	0.156	0.0000109	2.13	3.4	0.0588	0.000487	7.84	0.00165	0.0115	0.000453	0.00023	0.00011	0.145	0.00000231	0.000241	0.00076	0.00179	0.000193
2098 May	0.0004	0.00115	0.165	0.0000108	2.16	3.56	0.0648	0.000465	7.94	0.00168	0.0115	0.000504	0.000233	0.000113	0.151	0.00000228	0.000231	0.000821	0.00179	0.000182
2098 Jun	0.000408	0.00107	0.161	0.00000984	2.08	3.5	0.0673	0.000406	7.61	0.00161	0.0105	0.000536	0.000233	0.000111	0.148	0.00000208	0.000219	0.000841	0.00169	0.000179
2098 Jul	0.000418	0.00111	0.167	0.0000103	2.16	3.61	0.069	0.000421	7.88	0.00167	0.011	0.000549	0.000244	0.000115	0.152	0.00000218	0.000229	0.000868	0.00178	0.000187
2098 Aug	0.000412	0.00112	0.166	0.0000105	2.15	3.58	0.0676	0.000427	7.84	0.00167	0.0111	0.000536	0.000239	0.000114	0.151	0.0000022	0.000226	0.000848	0.00178	0.000182
2098 Sep	0.000378	0.00108	0.155	0.0000102	2.06	3.37	0.0614	0.000441	7.55	0.00159	0.0108	0.00048	0.000221	0.000108	0.143	0.00000214	0.000223	0.000771	0.00168	0.000182
2098 Oct	0.000345	0.00104	0.144	0.00000984	2.01	3.19	0.0554	0.000468	7.41	0.00153	0.0105	0.000424	0.000208	0.000103	0.137	0.00000208	0.000234	0.000697	0.00159	0.000196
2098 Nov	0.000336	0.00103	0.141	0.00000974	2.01	3.15	0.0537	0.000481	7.44	0.00152	0.0104	0.000407	0.000207	0.000102	0.136	0.00000207	0.000242	0.000676	0.00156	0.000207
2098 Dec	0.000336	0.00103	0.141	0.00000974	2.02	3.16	0.0537	0.000483	7.47	0.00152	0.0104	0.000407	0.000207	0.000102	0.136	0.00000207	0.000244	0.000676	0.00156	0.00021
2099 Jan	0.000336	0.00103	0.141	0.00000974	2.02	3.16	0.0537	0.000484	7.47	0.00152	0.0104	0.000407	0.000208	0.000103	0.137	0.00000207	0.000244	0.000676	0.00156	0.00021
2099 Feb	0.000336	0.00103	0.141	0.00000974	2.02	3.16	0.0537	0.000484	7.48	0.00152	0.0104	0.000407	0.000208	0.000103	0.137	0.00000207	0.000245	0.000676	0.00156	0.00021
2099 Mar	0.000337	0.00104	0.141	0.00000976	2.02	3.16	0.0538	0.000485	7.49	0.00152	0.0104	0.000408	0.000208	0.000103	0.137	0.00000208	0.000245	0.000677	0.00156	0.000211
2099 Apr	0.000342	0.00105	0.143	0.00000983	2.04	3.21	0.0548	0.000487	7.56	0.00154	0.0105	0.000413	0.00021	0.000104	0.138	0.00000209	0.000246	0.000687	0.00157	0.000211
2099 May	0.000421	0.0011	0.163	0.00000965	2.13	3.61	0.0689	0.000446	7.88	0.00162	0.0106	0.000503	0.000216	0.000109	0.152	0.00000204	0.000228	0.000827	0.00158	0.000189
2099 Jun	0.000422	0.00108	0.163	0.00000946	2.12	3.6	0.0697	0.000429	7.83	0.00161	0.0103	0.000518	0.000222	0.00011	0.152	0.000002	0.000229	0.000839	0.00158	0.000193
2099 Jul	0.000433	0.00112	0.168	0.00000991	2.19	3.71	0.0714	0.000442	8.08	0.00167	0.0108	0.000531	0.00023	0.000113	0.157	0.0000021	0.000236	0.000863	0.00165	0.000199
2099 Aug	0.000442	0.00116	0.173	0.0000103	2.25	3.8	0.0727	0.00046	8.3	0.00172	0.0112	0.000539	0.000234	0.000116	0.161	0.00000218	0.000241	0.000877	0.00171	0.000202
2099 Sep	0.000419	0.00113	0.166	0.0000102	2.18	3.65	0.0685	0.000463	8.05	0.00167	0.011	0.000505	0.000222	0.000112	0.155	0.00000215	0.000234	0.000827	0.00166	0.000195
2099 Oct	0.000396	0.00111	0.158	0.00001	2.14	3.52	0.0642	0.000479	7.93	0.00162	0.0108	0.000468	0.000214	0.000109	0.15	0.00000212	0.00024	0.000777	0.0016	0.000203
2099 Nov	0.000382	0.00109	0.154	0.00000985	2.12	3.45	0.0617	0.000488	7.87	0.00159	0.0106	0.000447	0.00021	0.000107	0.147	0.00000209	0.000245	0.000747	0.00156	0.00021
2099 Dec	0.000382	0.00109	0.154	0.00000986	2.13	3.45	0.0618	0.000489	7.88	0.0016	0.0106	0.000447	0.00021	0.000107	0.148	0.00000209	0.000245	0.000747	0.00156	0.000211
2100 Jan	0.000382	0.00109	0.154	0.00000986	2.13	3.45	0.0618	0.000489	7.88	0.0016	0.0106	0.000447	0.00021	0.000107	0.148	0.00000209	0.000246	0.000747	0.00156	0.000211
2100 Feb	0.000382	0.00109	0.154	0.00000986	2.13	3.45	0.0618	0.000489	7.88	0.0016	0.0106	0.000447	0.00021	0.000107	0.148	0.00000209	0.000246	0.000747	0.00156	0.000212
2100 Mar	0.000382	0.00109	0.154	0.00000986	2.13	3.45	0.0618	0.000489	7.89	0.0016	0.0106	0.000447	0.000211	0.000107	0.148	0.00000209	0.000246	0.000748	0.00157	0.000212
2100 Apr	0.000384	0.0011	0.154	0.00000991	2.15	3.47	0.0621	0.000495	7.96	0.00161	0.0107	0.000449	0.000213	0.000108	0.149	0.00000211	0.00025	0.000751	0.00157	0.000216
2100 May	0.000412	0.00112	0.162	0.00000995	2.18	3.62	0.0672	0.000475	8.05	0.00164	0.0108	0.000501	0.000218	0.000112	0.154	0.00000211	0.000242	0.000808	0.0016	0.000206
2100 Jun	0.000408	0.00105	0.158	0.00000936	2.08	3.5	0.0675	0.000417	7.65	0.00158	0.0101	0.00052	0.000222	0.000109	0.148	0.00000198	0.000226	0.000821	0.00158	0.000195
2100 Jul	0.000401	0.00105	0.157	0.00000952	2.09	3.47	0.0663	0.00042	7.67	0.00159	0.0102	0.000508	0.000228	0.00011	0.147	0.00000202	0.000232	0.000815	0.00162	0.000203
2100 Aug	0.000384	0.00104	0.152	0.00000953	2.06	3.37	0.0632	0.000427	7.56	0.00156	0.0101	0.000481	0.000221	0.000107	0.144	0.00000202	0.000232	0.000773	0.00159	0.000203
2100 Sep	0.000371	0.00103	0.148	0.00000954	2.06	3.32	0.0609	0.000442	7.56	0.00155	0.01	0.000459	0.000217	0.000107	0.142	0.00000203	0.000237	0.000741	0.00157	0.00021
2100 Oct	0.000367	0.00103	0.147	0.00000955	2.07	3.31	0.0601	0.000452	7.61	0.00155	0.0101	0.000451	0.000217	0.000107	0.142	0.00000203	0.000242	0.000732	0.00156	0.000217
2100 Nov	0.000367	0.00103	0.147	0.00000955	2.08	3.31	0.06	0.000456	7.65	0.00156	0.0101	0.00045	0.000217	0.000107	0.143	0.00000203	0.000246	0.000731	0.00156	0.000221
2100 Dec	0.000367	0.00103	0.147	0.00000956	2.08	3.32	0.06	0.000457	7.66	0.00156	0.0101	0.00045	0.000218	0.000107	0.143	0.00000204	0.000246	0.000731	0.00156	0.000221
2101 Jan	0.000367	0.00103	0.147	0.00000956	2.08	3.32	0.06	0.000457	7.66	0.00156	0.0101	0.00045	0.000218	0.000107	0.143	0.00000204	0.000246	0.000731	0.00156	0.000221
2101 Feb	0.000367	0.00103	0.147	0.00000956	2.08	3.32	0.0601	0.000457	7.66	0.00156	0.0101	0.00045	0.000218	0.000107	0.143	0.00000204	0.000246	0.000731	0.00156	0.000222
2101 Mar	0.000367	0.00103	0.147	0.00000956	2.08	3.32	0.0601	0.000458	7.67	0.00156	0.0101	0.00045	0.000218	0.000107	0.143	0.00000204	0.000246	0.000731	0.00156	0.000222
2101 Apr	0.000368	0.00104	0.148	0.0000096	2.09	3.33	0.0603	0.000459	7.69	0.00156	0.0101	0.000452	0.000219	0.000108	0.143	0.00000204	0.000247	0.000734	0.00157	0.000223
2101 May	0.000396	0.00106	0.156	0.00000966	2.11	3.47	0.0653	0.000441	7.77	0.0016	0.0103	0.000501	0.000222	0.000111	0.148	0.00000205	0.000237	0.00079	0.0016	0.000209
2101 Jun	0.000404	0.00104	0.157	0.0000094	2.08	3.47	0.0672	0.000409	7.62	0.00158	0.01	0.000525	0.000227	0.000111	0.147	0.00000199	0.000228	0.000817	0.0016	0.000201
2101 Jul	0.000418	0.00108	0.163	0.00000985	2.17	3.6	0.0694	0.000426	7.93	0.00165	0.0105	0.000542	0.000238	0.000115	0.153	0.00000209	0.000238	0.000848	0.00168	0.000211
2101 Aug	0.000432	0.00112	0.169	0.0000103	2.24	3.73	0.0716	0.000443	8.21	0.00171	0.0109	0.000558	0.000246	0.000119	0.158	0.00000218	0.000246	0.000874	0.00175	0.000217
2101 Sep	0.000411	0.0011	0.163	0.0000102	2.17	3.59	0.0676	0.000445	7.93	0.00166	0.0108	0.000524	0.000231	0.000114	0.152	0.00000215	0.000235	0.000827	0.0017	0.000203
2101 Oct	0.000402	0.0011	0.161	0.0000102	2.14	3.54	0.0659	0.000451	7.85	0.00164	0.0108	0.000509	0.000226	0.000113	0.15	0.00000215	0.000233	0.000807	0.00168	0.000201
2101 Nov	0.000386	0.00108	0.155	0.00001	2.11	3.45	0.063	0.000461	7.76	0.00161	0.0106	0.000483	0.00022	0.00011	0.147	0.00000212	0.000237	0.000773	0.00163	0.000207

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Dec	0.000385	0.00108	0.155	0.00001	2.11	3.44	0.0628	0.000462	7.77	0.00161	0.0106	0.000481	0.00022	0.00011	0.147	0.00000211	0.000238	0.00077	0.00163	0.000208
2102 Jan	0.000385	0.00108	0.155	0.00001	2.11	3.44	0.0628	0.000463	7.77	0.00161	0.0106	0.000481	0.00022	0.00011	0.147	0.00000211	0.000238	0.00077	0.00163	0.000209
2102 Feb	0.000385	0.00108	0.155	0.00001	2.12	3.44	0.0628	0.000463	7.77	0.00161	0.0106	0.000481	0.00022	0.00011	0.147	0.00000212	0.000238	0.00077	0.00163	0.000209
2102 Mar	0.000385	0.00108	0.155	0.00001	2.12	3.44	0.0628	0.000463	7.78	0.00161	0.0106	0.000481	0.00022	0.00011	0.147	0.00000212	0.000239	0.00077	0.00163	0.000209
2102 Apr	0.000386	0.00108	0.155	0.00001	2.12	3.45	0.063	0.000464	7.8	0.00161	0.0106	0.000482	0.000221	0.00011	0.147	0.00000212	0.000239	0.000772	0.00164	0.00021
2102 May	0.000391	0.0011	0.157	0.0000102	2.15	3.5	0.0638	0.000472	7.92	0.00163	0.0108	0.000488	0.000224	0.000112	0.15	0.00000215	0.000244	0.000782	0.00166	0.000215
2102 Jun	0.000315	0.000956	0.135	0.00000971	1.9	2.93	0.0513	0.000405	6.85	0.00147	0.00994	0.000386	0.000228	0.0000973	0.127	0.00000205	0.000224	0.00069	0.00169	0.0002
2102 Jul	0.000283	0.000911	0.126	0.00000972	1.82	2.72	0.0461	0.000385	6.51	0.00143	0.00976	0.000342	0.000234	0.0000924	0.119	0.00000205	0.000221	0.000655	0.00173	0.000201
2102 Aug	0.000285	0.000932	0.128	0.00000999	1.84	2.75	0.0463	0.000395	6.6	0.00145	0.00999	0.000342	0.000234	0.0000937	0.12	0.00000211	0.000222	0.000655	0.00176	0.0002
2102 Sep	0.000281	0.000936	0.128	0.0000101	1.83	2.74	0.0454	0.000402	6.57	0.00145	0.0101	0.000334	0.000229	0.0000928	0.119	0.00000212	0.000219	0.000642	0.00175	0.000195
2102 Oct	0.000266	0.000919	0.122	0.00000981	1.78	2.64	0.0424	0.000411	6.39	0.0014	0.00988	0.000308	0.000215	0.0000888	0.115	0.00000206	0.000215	0.000601	0.00167	0.00019
2102 Nov	0.000266	0.000921	0.122	0.00000983	1.78	2.64	0.0424	0.000414	6.41	0.0014	0.0099	0.000307	0.000215	0.000089	0.115	0.00000207	0.000216	0.000601	0.00167	0.000192
2102 Dec	0.000266	0.000921	0.123	0.00000983	1.78	2.64	0.0424	0.000414	6.42	0.0014	0.00991	0.000307	0.000215	0.0000891	0.116	0.00000207	0.000216	0.000601	0.00168	0.000192
2103 Jan	0.000266	0.000921	0.123	0.00000983	1.78	2.64	0.0424	0.000414	6.42	0.0014	0.00991	0.000307	0.000215	0.0000891	0.116	0.00000207	0.000216	0.000601	0.00168	0.000192
2103 Feb	0.000267	0.000922	0.123	0.00000984	1.78	2.65	0.0424	0.000414	6.42	0.0014	0.00991	0.000308	0.000215	0.0000891	0.116	0.00000207	0.000216	0.000601	0.00168	0.000192
2103 Mar	0.000267	0.000922	0.123	0.00000984	1.79	2.65	0.0424	0.000415	6.43	0.0014	0.00992	0.000308	0.000216	0.0000892	0.116	0.00000207	0.000217	0.000602	0.00168	0.000192
2103 Apr	0.000268	0.000925	0.123	0.00000988	1.79	2.66	0.0426	0.000416	6.45	0.00141	0.00996	0.000309	0.000216	0.0000895	0.116	0.00000208	0.000217	0.000604	0.00168	0.000193
2103 May	0.000299	0.000959	0.131	0.00000991	1.89	2.87	0.0483	0.000422	6.84	0.00147	0.0101	0.000359	0.000226	0.0000961	0.125	0.00000209	0.000229	0.00066	0.0017	0.000207
2103 Jun	0.000333	0.000947	0.138	0.00000941	1.89	3	0.055	0.00038	6.82	0.00147	0.00971	0.000427	0.000229	0.0000991	0.129	0.00000198	0.000217	0.000726	0.00166	0.000196
2103 Jul	0.000324	0.00095	0.137	0.0000096	1.9	2.96	0.0534	0.000383	6.83	0.00148	0.00982	0.000413	0.000233	0.0000988	0.128	0.00000203	0.000221	0.000713	0.00169	0.000202
2103 Aug	0.000307	0.000949	0.133	0.0000097	1.85	2.86	0.05	0.000381	6.67	0.00145	0.00979	0.000386	0.000222	0.0000958	0.123	0.00000204	0.000215	0.000662	0.00166	0.000196
2103 Sep	0.000291	0.000939	0.128	0.00000957	1.83	2.78	0.0469	0.000403	6.63	0.00142	0.00971	0.000356	0.000212	0.0000933	0.121	0.00000202	0.00022	0.000621	0.0016	0.000202
2103 Oct	0.000267	0.00092	0.12	0.0000093	1.79	2.66	0.0422	0.000433	6.53	0.00136	0.00955	0.000311	0.000197	0.000089	0.116	0.00000197	0.000226	0.000561	0.00151	0.00021
2103 Nov	0.000261	0.000917	0.119	0.00000925	1.78	2.63	0.0411	0.000442	6.53	0.00136	0.00952	0.000301	0.000194	0.0000882	0.116	0.00000196	0.000229	0.000547	0.00149	0.000214
2103 Dec	0.000261	0.000917	0.119	0.00000925	1.79	2.63	0.0411	0.000443	6.53	0.00136	0.00952	0.000301	0.000194	0.0000883	0.116	0.00000196	0.00023	0.000547	0.00149	0.000215
2104 Jan	0.000261	0.000917	0.119	0.00000925	1.79	2.63	0.0411	0.000443	6.54	0.00136	0.00952	0.000301	0.000194	0.0000884	0.116	0.00000196	0.00023	0.000547	0.00149	0.000215
2104 Feb	0.000261	0.000917	0.119	0.00000925	1.79	2.63	0.0411	0.000443	6.54	0.00136	0.00952	0.000301	0.000194	0.0000884	0.116	0.00000196	0.00023	0.000547	0.00149	0.000215
2104 Mar	0.000262	0.000918	0.119	0.00000926	1.79	2.64	0.0411	0.000443	6.54	0.00136	0.00953	0.000301	0.000195	0.0000884	0.116	0.00000196	0.00023	0.000548	0.00149	0.000215
2104 Apr	0.000263	0.000923	0.119	0.00000931	1.8	2.65	0.0414	0.000446	6.59	0.00137	0.00958	0.000303	0.000196	0.000089	0.117	0.00000197	0.000232	0.000551	0.0015	0.000217
2104 May	0.000307	0.000965	0.132	0.00000941	1.87	2.9	0.0492	0.00043	6.83	0.00143	0.00982	0.000376	0.000204	0.0000952	0.125	0.00000199	0.000225	0.000635	0.00154	0.000206
2104 Jun	0.000333	0.000948	0.137	0.00000904	1.87	2.99	0.0545	0.000392	6.81	0.00143	0.00949	0.000427	0.000211	0.0000978	0.128	0.00000191	0.000217	0.000693	0.00153	0.0002
2104 Jul	0.000333	0.000966	0.138	0.00000934	1.9	3.02	0.0544	0.000397	6.9	0.00146	0.00974	0.000426	0.000217	0.000099	0.129	0.00000197	0.00022	0.000698	0.00158	0.000203
2104 Aug	0.000331	0.00098	0.139	0.00000955	1.91	3.03	0.0539	0.000405	6.94	0.00147	0.0099	0.000421	0.000215	0.0000994	0.13	0.00000201	0.00022	0.00069	0.0016	0.000201
2104 Sep	0.000315	0.000966	0.134	0.00000947	1.88	2.94	0.051	0.000418	6.85	0.00145	0.00977	0.000393	0.000206	0.0000971	0.127	0.000002	0.000221	0.00065	0.00156	0.000203
2104 Oct	0.000298	0.000953	0.128	0.00000932	1.86	2.85	0.0476	0.00044	6.8	0.00141	0.00967	0.00036	0.000198	0.0000943	0.124	0.00000197	0.000227	0.000609	0.0015	0.000212
2104 Nov	0.000293	0.000951	0.127	0.00000928	1.87	2.84	0.0467	0.00045	6.84	0.00141	0.00965	0.000351	0.000197	0.0000941	0.124	0.00000197	0.000233	0.000597	0.00149	0.00022
2104 Dec	0.000293	0.000951	0.127	0.00000928	1.87	2.84	0.0467	0.000452	6.87	0.00141	0.00965	0.000351	0.000198	0.0000944	0.124	0.00000197	0.000235	0.000597	0.00149	0.000223
2105 Jan	0.000293	0.000951	0.127	0.00000928	1.87	2.84	0.0467	0.000452	6.87	0.00141	0.00965	0.000351	0.000198	0.0000945	0.124	0.00000197	0.000236	0.000597	0.00149	0.000223
2105 Feb	0.000293	0.000951	0.127	0.00000928	1.87	2.84	0.0467	0.000453	6.87	0.00141	0.00965	0.000351	0.000198	0.0000945	0.124	0.00000197	0.000236	0.000597	0.00149	0.000223
2105 Mar	0.000293	0.000952	0.127	0.00000929	1.87	2.84	0.0467	0.000453	6.88	0.00141	0.00965	0.000351	0.000198	0.0000945	0.124	0.00000197	0.000236	0.000597	0.00149	0.000223
2105 Apr	0.000294	0.000955	0.127	0.00000931	1.88	2.85	0.0469	0.000455	6.9	0.00142	0.00968	0.000352	0.000199	0.0000949	0.125	0.00000198	0.000237	0.000599	0.00149	0.000225
2105 May	0.000328	0.000985	0.137	0.00000938	1.93	3.04	0.0529	0.00044	7.08	0.00147	0.00985	0.000408	0.000205	0.0000995	0.131	0.00000198	0.000231	0.000665	0.00152	0.000216
2105 Jun	0.000357	0.001	0.145	0.00000939	1.97	3.19	0.0584	0.00042	7.21	0.0015	0.00993	0.000459	0.000214	0.000103	0.136	0.00000198	0.000226	0.000727	0.00156	0.000209
2105 Jul	0.000362	0.00103	0.148	0.00000973	2.01	3.25	0.059	0.000427	7.33	0.00154	0.0102	0.000465	0.000218	0.000105	0.139	0.00000205	0.000228	0.000736	0.00161	0.00021
2105 Aug	0.000337	0.001	0.14	0.00000963	1.96	3.1	0.0546	0.000433	7.16	0.00149	0.00997	0.000425	0.000207	0.000102	0.133	0.00000203	0.000228	0.000675	0.00155	0.000212
2105 Sep	0.000304	0.000967	0.129	0.00000936	1.92	2.92	0.0487	0.000461	7.03	0.00144	0.00963	0.000368	0.000194	0.0000977	0.128	0.00000198	0.000237	0.000598	0.00146	0.000228
2105 Oct	0.000285	0.000951	0.123	0.00000917	1.9	2.83	0.0451	0.000482	6.99	0.0014	0.0095	0.000334	0.000187	0.000095	0.124	0.00000195	0.000246	0.000556	0.00141	0.00024
2105 Nov	0.000278	0.000945	0.121	0.0000091	1.9	2.8	0.0438	0.000493	7	0.00139	0.00945	0.000321	0.000185	0.0000942	0.124	0.00000194	0.000252	0.00054	0.00139	0.000248
2105 Dec	0.000278	0.000945	0.121	0.0000091	1.9	2.8	0.0438	0.000493	7.01	0.00139	0.00945	0.000321	0.000186	0.0000943	0.124	0.00000194	0.000253	0.00054	0.00139	0.000249
2106 Jan	0.000278	0.000945	0.121	0.0000091	1.9	2.8	0.0438	0.000493	7.02	0.00139	0.00945	0.000321	0.000186	0.0000944	0.124	0.00000194	0.000253	0.00054	0.00139	0.000249
2106 Feb	0.000278	0.000945	0.121	0.0000091	1.9	2.8	0.0438	0.000493	7.02	0.00139	0.00945	0.000321	0.000186	0.0000944	0.124	0.00000194	0.000253	0.00054	0.00139	0.000249
2106 Mar	0.000278	0.000946	0.121	0.00000911	1.9	2.8	0.0438	0.000494	7.02	0.00139	0.00945	0.000321	0.000186	0.0000944	0.124	0.00000194	0.000253	0.00054	0.00139	0.000249
2106 Apr	0.000279	0.00095	0.121	0.00000915	1.91	2.81	0.044	0.000496	7.05	0.0014	0.00949	0.000322	0.000187	0.0000948	0.124	0.00000195	0.000254	0.000543	0.00139	0.00025
2106 May	0.000295	0.000971	0.126	0.00000928	1.95	2.91	0.0468	0.000496	7.2	0.00143	0.00966	0.000347	0.000192	0.0000977	0.128	0.00000198	0.000255	0.000574	0.00142	0.000251
2106 Jun	0.000313	0.000939	0.13	0.00000903	1.89	2.93	0.0508	0.00043	6.92	0.00142	0.00939	0.00039	0.000206	0.0000976	0.127	0.00000192	0.000235	0.000641	0.00149	0.000229
2106 Jul	0.000307	0.00095	0.131	0.00000936	1.91	2.91	0.0498	0.000431	6.96	0.00145	0.00963	0.000381	0.000214	0.0000981	0.127	0.00000199	0.000239	0.000642	0.00156	0.000234
2106 Aug	0.000294	0.000947	0.128	0.00000945	1.88	2.84	0.0473	0.000434	6.86	0.00143	0.00961	0.000359	0.000207	0.0000962	0.124	0.000002	0.000236	0.000605	0.00153	0.00023
2106 Sep	0.000274	0.000928	0.121	0.00000932	1.87	2.74	0.0436	0.000457	6.82	0.0014	0.00941	0.000323	0.000197	0.0000939	0.121	0.00000198	0.000242	0.000553	0.00147	0.000241
2106 Oct	0.000266	0.000926	0.118	0.00000926	1.87	2.71	0.0421	0.000473	6.86	0.00139	0.0094	0.000308	0.000194	0.0000933	0.121	0.00000197	0.00025	0.000534	0.00145	0.000251
2106 Nov	0.000267	0.000928	0.118	0.00000928	1.88	2.72	0.0422	0.000475	6.89	0.00139	0.00942	0.000308	0.000195	0.0000936	0.121	0.00000198	0.000252	0.000535	0.00145	0.000253
2106 Dec	0.000267	0.000928	0.118	0.00000929	1.88	2.72	0.0422	0.000475	6.89	0.00139	0.00942	0.000308	0.000195	0.0000936	0.121	0.00000198	0.000252	0.000535	0.00145	0.000253
2107 Jan	0.000267	0.000928	0.118	0.00000929	1.88	2.72	0.0422	0.000476	6.89	0.00139	0.00942	0.000308	0.000195	0.0000936	0.121	0.00000198	0.000252	0.000535	0.00145	0.000253
2107 Feb	0.000267	0.000928	0.119	0.00000929	1.88	2.72	0.0422	0.000476	6.89	0.00139	0.00942	0.000308	0.000195	0.0000937	0.121	0.00000198	0.000252	0.000535	0.00145	0.000253
2107 Mar	0.000267	0.000929	0.119	0.0000093	1.88	2.72	0.0423	0.000476	6.9	0.0014	0.00943	0.000309	0.000195	0.0000938	0.121	0.00000198	0.000252	0.000536	0.00145	0.000253
2107 Apr	0.000268	0.000931	0.119	0.00000932	1.88	2.73	0.0424	0.000477	6.91	0.0014	0.00945	0.000309	0.000196	0.0000939	0.121	0.00000198	0.000252	0.000537	0.00146	0.000254
2107 May	0.000287	0.000949	0.125	0.00000935	1.91	2.84	0.0459	0.000467	7	0.00142	0.00955	0.000342	0.000199	0.0000964	0.125	0.00000199	0.000248	0.000576	0.00148	0.000246
2107 Jun	0.000327	0.000968	0.136	0.00000932	1.93	3.02	0.0533	0.000429	7.05	0.00146	0.00964	0.000413	0.000208	0.0001	0.131	0.00000197	0.000232	0.000665	0.00152	0.000226
2107 Jul	0.000323	0.000981	0.136	0.00000954	1.94	3.01	0.0525	0.000429	7.06	0.00147	0.00981	0.000407	0.00021	0.0001	0.13	0.00000201	0.000232	0.000657	0.00155	0.000225
2107 Aug	0.000328	0.00101	0.139	0.00000986	1.98	3.07	0.0531	0.000443	7.23	0.00151	0.0101	0.000411	0.000214	0.000103	0.133	0.00000208	0.000238	0.000664	0.00159	0.000231
2107 Sep	0.000323	0.00101	0.138	0.00000992	1.98	3.05	0.0518	0.000454	7.21	0.00151	0.0102	0.000399	0.000209	0.000102	0.132	0.00000209	0.000238	0.00065	0.00159	0.000229
2107 Oct	0.000312	0.00101	0.135	0.00000982	1.97	3	0.0498	0.000468	7.21	0.00149	0.0101	0.000379	0.000205	0.0001	0.131	0.00000208	0.000244	0.000625	0.00155	0.000238
2107 Nov	0.000308	0.001	0.133	0.00000979	1.97	2.99	0.0492	0.000474	7.22	0.00148	0.0101	0.000372	0.000204	0.0000998	0.131	0.00000207	0.000247	0.000617	0.00154	0.000243
2107 Dec	0.000308	0.001	0.133	0.00000979	1.97	2.99	0.0492	0.000475	7.23	0.00149	0.0101	0.000372	0.000205	0.0000999	0.131	0.00000207	0.000248	0.000617	0.00154	0.000244
2108 Jan	0.000308	0.001	0.133	0.00000979	1.97	2.99	0.0492	0.000475	7.23	0.00149	0.0101	0.000372	0.000205	0.0001	0.131	0.00000207	0.000248	0.000617	0.00154	0.000244
2108 Feb	0.000308	0.001	0.133	0.00000979	1.97	2.99	0.0492	0.000475	7.23	0.00149	0.0101	0.000372	0.000205	0.0001	0.131	0.00000207	0.000248	0.000617	0.00154	0.000244

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Mar	0.000309	0.001	0.134	0.0000098	1.98	2.99	0.0492	0.000476	7.24	0.00149	0.0101	0.000373	0.000205	0.0001	0.131	0.00000207	0.000248	0.000618	0.00154	0.000244
2108 Apr	0.000311	0.00101	0.135	0.00000988	1.99	3.02	0.0496	0.000479	7.29	0.0015	0.0102	0.000376	0.000207	0.000101	0.132	0.00000209	0.00025	0.000623	0.00156	0.000246
2108 May	0.00032	0.00103	0.138	0.00001	2.03	3.08	0.051	0.000486	7.43	0.00153	0.0104	0.000385	0.00021	0.000103	0.135	0.00000212	0.000253	0.000638	0.00158	0.000249
2108 Jun	0.000306	0.000978	0.134	0.00000989	1.89	2.91	0.0492	0.000425	6.84	0.00147	0.0101	0.000376	0.000215	0.0000968	0.126	0.00000208	0.000224	0.000649	0.00164	0.000214
2108 Jul	0.00031	0.00101	0.138	0.0000103	1.94	2.97	0.0499	0.000433	6.99	0.00151	0.0105	0.00038	0.000225	0.0000991	0.128	0.00000217	0.00023	0.000669	0.00173	0.000218
2108 Aug	0.000322	0.00105	0.143	0.0000108	2.02	3.08	0.0516	0.000453	7.27	0.00158	0.011	0.000392	0.000233	0.000103	0.134	0.00000227	0.000238	0.000691	0.0018	0.000225
2108 Sep	0.000318	0.00105	0.142	0.0000109	2.01	3.07	0.0508	0.000458	7.24	0.00157	0.011	0.000385	0.000229	0.000102	0.133	0.00000228	0.000235	0.000681	0.0018	0.000221
2108 Oct	0.000292	0.00102	0.133	0.0000104	1.92	2.89	0.0458	0.000471	6.96	0.00149	0.0107	0.00034	0.00021	0.0000959	0.126	0.00000219	0.000232	0.000616	0.00168	0.000219
2108 Nov	0.000288	0.00101	0.132	0.0000104	1.92	2.88	0.045	0.000477	6.97	0.00149	0.0106	0.000332	0.000208	0.0000955	0.125	0.00000218	0.000235	0.000606	0.00166	0.000224
2108 Dec	0.000288	0.00101	0.132	0.0000104	1.92	2.88	0.045	0.000478	6.98	0.00149	0.0106	0.000332	0.000208	0.0000956	0.126	0.00000218	0.000236	0.000606	0.00166	0.000225
2109 Jan	0.000288	0.00101	0.132	0.0000104	1.92	2.88	0.045	0.000478	6.98	0.00149	0.0106	0.000332	0.000208	0.0000956	0.126	0.00000218	0.000236	0.000606	0.00166	0.000225
2109 Feb	0.000288	0.00101	0.132	0.0000104	1.92	2.88	0.045	0.000478	6.98	0.00149	0.0106	0.000332	0.000208	0.0000956	0.126	0.00000218	0.000236	0.000606	0.00166	0.000225
2109 Mar	0.000288	0.00101	0.132	0.0000104	1.93	2.88	0.0451	0.000479	6.99	0.00149	0.0107	0.000333	0.000209	0.0000957	0.126	0.00000218	0.000236	0.000607	0.00166	0.000225
2109 Apr	0.00029	0.00102	0.133	0.0000104	1.94	2.9	0.0453	0.000481	7.03	0.0015	0.0107	0.000334	0.00021	0.0000962	0.126	0.00000219	0.000238	0.00061	0.00167	0.000226
2109 May	0.000319	0.00104	0.14	0.0000104	1.97	3.05	0.0505	0.000466	7.15	0.00153	0.0108	0.000383	0.000214	0.0000998	0.132	0.00000219	0.000231	0.000665	0.00169	0.000217
2109 Jun	0.000359	0.00106	0.151	0.0000104	2.01	3.26	0.0581	0.000436	7.29	0.00157	0.0108	0.000454	0.000222	0.000105	0.139	0.00000217	0.00022	0.000748	0.00172	0.000203
2109 Jul	0.000358	0.00108	0.153	0.0000106	2.02	3.26	0.0576	0.000438	7.32	0.00159	0.011	0.000451	0.000224	0.000105	0.139	0.00000222	0.00022	0.000745	0.00175	0.000202
2109 Aug	0.000359	0.0011	0.155	0.0000109	2.06	3.29	0.0576	0.000447	7.44	0.00162	0.0113	0.000451	0.000226	0.000107	0.14	0.00000228	0.000225	0.000742	0.00178	0.000206
2109 Sep	0.000343	0.00109	0.149	0.0000108	2.03	3.21	0.0548	0.00046	7.35	0.00159	0.0111	0.000424	0.000218	0.000104	0.137	0.00000225	0.000227	0.000705	0.00173	0.000211
2109 Oct	0.000312	0.00105	0.138	0.0000103	1.97	3.03	0.0491	0.000486	7.21	0.00152	0.0107	0.00037	0.000204	0.000099	0.131	0.00000217	0.000237	0.000634	0.00162	0.000228
2109 Nov	0.000311	0.00105	0.138	0.0000103	1.99	3.03	0.0488	0.000493	7.26	0.00152	0.0107	0.000367	0.000205	0.0000993	0.132	0.00000217	0.000242	0.000629	0.00161	0.000235
2109 Dec	0.000311	0.00105	0.138	0.0000103	1.99	3.04	0.0488	0.000495	7.28	0.00152	0.0107	0.000367	0.000205	0.0000996	0.132	0.00000217	0.000244	0.000629	0.00161	0.000238
2110 Jan	0.000311	0.00105	0.138	0.0000103	1.99	3.04	0.0488	0.000495	7.28	0.00152	0.0107	0.000367	0.000206	0.0000996	0.132	0.00000217	0.000244	0.000629	0.00161	0.000238
2110 Feb	0.000311	0.00105	0.138	0.0000103	1.99	3.04	0.0488	0.000495	7.29	0.00152	0.0107	0.000367	0.000206	0.0000997	0.132	0.00000217	0.000244	0.00063	0.00161	0.000238
2110 Mar	0.000311	0.00105	0.138	0.0000103	2	3.04	0.0489	0.000495	7.29	0.00152	0.0108	0.000367	0.000206	0.0000997	0.132	0.00000217	0.000245	0.00063	0.00162	0.000238
2110 Apr	0.000312	0.00105	0.138	0.0000104	2	3.05	0.049	0.000497	7.31	0.00153	0.0108	0.000368	0.000206	0.0001	0.133	0.00000218	0.000245	0.000632	0.00162	0.000239
2110 May	0.000322	0.00107	0.141	0.0000104	2.06	3.14	0.0509	0.000508	7.55	0.00156	0.0108	0.000383	0.000214	0.000103	0.137	0.00000219	0.000258	0.000651	0.00164	0.000256
2110 Jun	0.000347	0.00103	0.145	0.00000985	2.02	3.19	0.0564	0.000446	7.36	0.00154	0.0103	0.000438	0.000223	0.000105	0.137	0.00000208	0.000241	0.000717	0.00163	0.000241
2110 Jul	0.000343	0.00104	0.145	0.0000101	2.03	3.18	0.0557	0.000446	7.37	0.00156	0.0105	0.000432	0.000228	0.000105	0.137	0.00000213	0.000242	0.000717	0.00168	0.000242
2110 Aug	0.0003	0.000983	0.132	0.0000098	1.93	2.91	0.0481	0.000445	7	0.00147	0.00994	0.000367	0.000207	0.0000981	0.127	0.00000207	0.000239	0.000608	0.00156	0.000243
2110 Sep	0.000268	0.000944	0.12	0.00000942	1.86	2.72	0.0421	0.000473	6.82	0.00139	0.00958	0.00031	0.00019	0.0000927	0.121	0.00000199	0.000245	0.000531	0.00145	0.000255
2110 Oct	0.000242	0.000921	0.112	0.00000913	1.82	2.59	0.037	0.000503	6.69	0.00134	0.00941	0.000261	0.000176	0.0000878	0.116	0.00000194	0.000252	0.000471	0.00136	0.000265
2110 Nov	0.000237	0.000916	0.11	0.00000905	1.81	2.56	0.0361	0.000509	6.69	0.00133	0.00936	0.000252	0.000174	0.0000871	0.115	0.00000193	0.000255	0.000459	0.00134	0.00027
2110 Dec	0.000237	0.000916	0.11	0.00000906	1.81	2.56	0.0361	0.00051	6.7	0.00133	0.00936	0.000252	0.000174	0.0000872	0.115	0.00000193	0.000255	0.000459	0.00134	0.000271
2111 Jan	0.000237	0.000916	0.11	0.00000906	1.82	2.56	0.0361	0.00051	6.7	0.00133	0.00936	0.000252	0.000174	0.0000872	0.115	0.00000193	0.000255	0.000459	0.00134	0.000271
2111 Feb	0.000237	0.000916	0.11	0.00000906	1.82	2.56	0.0361	0.00051	6.7	0.00133	0.00936	0.000252	0.000174	0.0000872	0.115	0.00000193	0.000255	0.000459	0.00134	0.000271
2111 Mar	0.000237	0.000918	0.11	0.00000907	1.82	2.57	0.0362	0.000511	6.71	0.00133	0.00937	0.000253	0.000175	0.0000873	0.115	0.00000193	0.000256	0.00046	0.00134	0.000271
2111 Apr	0.000239	0.000923	0.111	0.00000913	1.83	2.58	0.0364	0.000514	6.75	0.00134	0.00943	0.000254	0.000176	0.0000879	0.116	0.00000194	0.000257	0.000463	0.00135	0.000273
2111 May	0.000262	0.000949	0.118	0.00000926	1.87	2.72	0.0405	0.000504	6.88	0.00138	0.00962	0.000292	0.000181	0.0000911	0.12	0.00000196	0.000253	0.00051	0.00138	0.000265
2111 Jun	0.00032	0.000971	0.134	0.00000918	1.9	2.98	0.0514	0.000444	6.95	0.00143	0.00967	0.000397	0.000196	0.0000974	0.129	0.00000193	0.00023	0.00064	0.00146	0.000234
2111 Jul	0.000329	0.00101	0.139	0.00000964	1.96	3.08	0.0529	0.000456	7.17	0.00149	0.0101	0.000408	0.000205	0.000101	0.133	0.00000203	0.000236	0.000663	0.00154	0.00024
2111 Aug	0.000307	0.000987	0.132	0.00000959	1.91	2.94	0.049	0.000457	6.98	0.00145	0.00989	0.000374	0.000195	0.0000973	0.128	0.00000202	0.000233	0.000608	0.00149	0.000238
2111 Sep	0.000292	0.000973	0.127	0.00000955	1.91	2.87	0.0463	0.000476	6.99	0.00143	0.00976	0.000347	0.00019	0.0000965	0.126	0.00000201	0.000241	0.00057	0.00146	0.000251
2111 Oct	0.000274	0.000952	0.121	0.00000931	1.88	2.77	0.0429	0.000493	6.91	0.00139	0.00957	0.000314	0.000183	0.0000934	0.123	0.00000197	0.000248	0.000529	0.0014	0.000262
2111 Nov	0.000262	0.000941	0.117	0.00000918	1.86	2.71	0.0405	0.000504	6.85	0.00137	0.00949	0.000292	0.000177	0.0000912	0.12	0.00000195	0.000251	0.000503	0.00136	0.000267
2111 Dec	0.000261	0.000941	0.117	0.00000918	1.86	2.71	0.0405	0.000505	6.86	0.00137	0.00949	0.000292	0.000177	0.0000912	0.12	0.00000195	0.000251	0.000502	0.00136	0.000268
2112 Jan	0.000261	0.000941	0.117	0.00000918	1.86	2.71	0.0405	0.000506	6.86	0.00137	0.00949	0.000292	0.000177	0.0000913	0.12	0.00000195	0.000252	0.000502	0.00136	0.000268
2112 Feb	0.000262	0.000941	0.117	0.00000919	1.86	2.71	0.0405	0.000506	6.86	0.00137	0.0095	0.000292	0.000177	0.0000913	0.12	0.00000195	0.000252	0.000502	0.00136	0.000268
2112 Mar	0.000262	0.000943	0.117	0.0000092	1.87	2.71	0.0406	0.000507	6.88	0.00137	0.00951	0.000292	0.000178	0.0000915	0.121	0.00000195	0.000252	0.000503	0.00136	0.000269
2112 Apr	0.000263	0.000948	0.118	0.00000925	1.88	2.73	0.0408	0.000509	6.91	0.00138	0.00956	0.000294	0.000179	0.0000919	0.121	0.00000196	0.000254	0.000506	0.00137	0.00027
2112 May	0.000294	0.000977	0.126	0.00000934	1.94	2.9	0.0463	0.000499	7.13	0.00143	0.00973	0.000344	0.000188	0.0000968	0.128	0.00000198	0.000253	0.000567	0.00141	0.000268
2112 Jun	0.000326	0.00094	0.133	0.00000884	1.9	2.99	0.0532	0.000424	6.93	0.00142	0.00926	0.000413	0.000203	0.0000987	0.129	0.00000187	0.000233	0.000657	0.00144	0.000248
2112 Jul	0.000315	0.000937	0.131	0.00000905	1.9	2.93	0.0514	0.000423	6.9	0.00143	0.00937	0.000397	0.00021	0.0000981	0.128	0.00000191	0.000237	0.000649	0.0015	0.000254
2112 Aug	0.000318	0.000961	0.133	0.00000934	1.94	2.98	0.0517	0.000437	7.04	0.00146	0.00962	0.000398	0.000212	0.0000999	0.13	0.00000197	0.000241	0.000652	0.00153	0.000257
2112 Sep	0.000307	0.000956	0.13	0.00000934	1.95	2.95	0.0498	0.000457	7.11	0.00146	0.00956	0.000378	0.00021	0.0000999	0.129	0.00000198	0.000251	0.000624	0.00151	0.000272
2112 Oct	0.000299	0.000951	0.127	0.00000926	1.96	2.92	0.0482	0.000473	7.16	0.00145	0.00951	0.000362	0.000208	0.0000994	0.129	0.00000197	0.00026	0.000604	0.00148	0.000286
2112 Nov	0.000298	0.000951	0.126	0.00000926	1.97	2.92	0.048	0.000477	7.18	0.00145	0.00951	0.000359	0.000208	0.0000995	0.129	0.00000197	0.000262	0.000602	0.00148	0.00029
2112 Dec	0.000298	0.000952	0.126	0.00000927	1.97	2.92	0.048	0.000477	7.18	0.00145	0.00952	0.000359	0.000208	0.0000995	0.129	0.00000197	0.000263	0.000602	0.00148	0.00029
2113 Jan	0.000298	0.000952	0.126	0.00000927	1.97	2.92	0.048	0.000477	7.18	0.00145	0.00952	0.000359	0.000208	0.0000995	0.129	0.00000197	0.000263	0.000602	0.00148	0.00029
2113 Feb	0.000298	0.000952	0.127	0.00000927	1.97	2.92	0.048	0.000477	7.19	0.00145	0.00952	0.000359	0.000208	0.0000996	0.129	0.00000197	0.000263	0.000602	0.00148	0.00029
2113 Mar	0.000299	0.000955	0.127	0.0000093	1.97	2.93	0.0482	0.000479	7.21	0.00145	0.00954	0.00036	0.000209	0.0000998	0.129	0.00000198	0.000263	0.000604	0.00148	0.000291
2113 Apr	0.0003	0.000959	0.127	0.00000934	1.99	2.94	0.0484	0.000481	7.24	0.00146	0.00959	0.000362	0.00021	0.0001	0.13	0.00000199	0.000265	0.000607	0.00149	0.000292
2113 May	0.000323	0.000985	0.134	0.00000945	2.03	3.07	0.0524	0.000474	7.39	0.0015	0.00977	0.000399	0.000215	0.000104	0.135	0.000002	0.000262	0.000651	0.00152	0.000287
2113 Jun	0.000355	0.000988	0.142	0.00000929	2.02	3.2	0.0584	0.000432	7.34	0.00151	0.0097	0.000458	0.000222	0.000106	0.138	0.00000196	0.000245	0.000723	0.00155	0.000265
2113 Jul	0.000355	0.00101	0.145	0.00000962	2.04	3.23	0.0584	0.000436	7.41	0.00154	0.00998	0.000458	0.000225	0.000107	0.139	0.00000203	0.000246	0.000725	0.00159	0.000264
2113 Aug	0.000355	0.00103	0.146	0.00000986	2.06	3.24	0.0581	0.000441	7.45	0.00156	0.0102	0.000455	0.000224	0.000107	0.14	0.00000208	0.000245	0.00072	0.00162	0.000261
2113 Sep	0.000339	0.00102	0.141	0.00000978	2.02	3.15	0.0551	0.000454	7.35	0.00153	0.0101	0.000427	0.000216	0.000105	0.137	0.00000206	0.000245	0.000683	0.00158	0.000262
2113 Oct	0.000302	0.000974	0.129	0.00000937	1.95	2.94	0.0482	0.000483	7.15	0.00145	0.00974	0.000362	0.000199	0.0000984	0.129	0.00000198	0.000254	0.0006	0.00146	0.000278
2113 Nov	0.000294	0.000969	0.126	0.00000931	1.94	2.9	0.0465	0.000493	7.12	0.00143	0.00971	0.000346	0.000195	0.000097	0.128	0.00000197	0.000257	0.00058	0.00144	0.000282
2113 Dec	0.000294	0.00097	0.126	0.00000932	1.95	2.9	0.0466	0.000494	7.13	0.00143	0.00972	0.000346	0.000196	0.0000971	0.128	0.00000197	0.000257	0.000581	0.00144	0.000283
2114 Jan	0.000294	0.00097	0.126	0.00000932	1.95	2.9	0.0466	0.000494	7.13	0.00143	0.00972	0.000346	0.000196	0.0000971	0.128	0.00000197	0.000257	0.000581	0.00144	0.000283
2114 Feb	0.000294	0.00097	0.126	0.00000932	1.95	2.9	0.0466	0.000494	7.13	0.00143	0.00972	0.000346	0.000196	0.0000971	0.128	0.00000197	0.000258	0.000581	0.00144	0.000283
2114 Mar	0.000294	0.000971	0.127	0.00000933	1.95	2.91	0.0466	0.000495	7.14	0.00144	0.00973	0.000347	0.000196	0.0000973	0.128	0.00000198	0.000258	0.000582	0.00144	0.000283
2114 Apr	0.000295	0.000975	0.127	0.00000937	1.96	2.92	0.0468	0.000497	7.17	0.00144	0.00977	0.000348	0.000197	0.0000976	0.128	0.00000198	0.000259	0.000584	0.00145	0.000285
2114 May	0.000323	0.000996	0.135	0.00000937	2.02	3.08	0.052	0.000487	7.38	0.00148	0.00984	0.000396	0.000205	0.000102	0.135	0.00000198	0.00026	0.00064	0.00147	0.000286

Appendix C.2-10: CH6

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jun	0.000361	0.00103	0.146	0.0000095	2.06	3.27	0.0588	0.000458	7.5	0.00154	0.0101	0.00046	0.000216	0.000107	0.141	0.000002	0.000248	0.000722	0.00154	0.000268
2114 Jul	0.000374	0.00107	0.152	0.00001	2.14	3.4	0.0609	0.000476	7.8	0.00161	0.0106	0.000476	0.000226	0.000111	0.147	0.00000211	0.000257	0.000751	0.00162	0.000276
2114 Aug	0.000388	0.00112	0.159	0.0000105	2.23	3.54	0.0632	0.000497	8.12	0.00168	0.0111	0.000494	0.000234	0.000116	0.152	0.00000221	0.000267	0.000778	0.0017	0.000286
2114 Sep	0.000366	0.0011	0.152	0.0000104	2.13	3.38	0.0589	0.000495	7.77	0.00161	0.0109	0.000456	0.000217	0.00011	0.146	0.00000217	0.000252	0.000727	0.00164	0.000265
2114 Oct	0.000341	0.00107	0.143	0.0000101	2.08	3.23	0.0543	0.000511	7.61	0.00156	0.0106	0.000413	0.000207	0.000105	0.14	0.00000212	0.000256	0.000672	0.00156	0.000274
2114 Nov	0.00032	0.00104	0.136	0.00000983	2.06	3.12	0.0506	0.000529	7.56	0.00152	0.0104	0.000378	0.000201	0.000103	0.137	0.00000208	0.000267	0.000626	0.0015	0.000292
2114 Dec	0.000319	0.00104	0.136	0.00000983	2.06	3.12	0.0505	0.000531	7.57	0.00152	0.0104	0.000376	0.000202	0.000103	0.137	0.00000208	0.000268	0.000625	0.0015	0.000295
2115 Jan	0.000319	0.00104	0.136	0.00000983	2.06	3.12	0.0505	0.000531	7.58	0.00152	0.0104	0.000376	0.000202	0.000103	0.137	0.00000208	0.000269	0.000625	0.0015	0.000295
2115 Feb	0.000319	0.00104	0.136	0.00000983	2.06	3.12	0.0505	0.000531	7.58	0.00152	0.0104	0.000377	0.000202	0.000103	0.137	0.00000208	0.000269	0.000625	0.0015	0.000296
2115 Mar	0.00032	0.00104	0.136	0.00000984	2.07	3.13	0.0505	0.000531	7.58	0.00152	0.0104	0.000377	0.000202	0.000103	0.137	0.00000208	0.000269	0.000625	0.0015	0.000296
2115 Apr	0.000321	0.00105	0.137	0.00000989	2.08	3.14	0.0508	0.000534	7.62	0.00153	0.0104	0.000379	0.000203	0.000104	0.138	0.00000209	0.00027	0.000628	0.00151	0.000297
2115 May	0.000349	0.00106	0.144	0.00000988	2.09	3.27	0.0558	0.00051	7.67	0.00156	0.0105	0.000427	0.000207	0.000106	0.142	0.00000208	0.000259	0.000684	0.00153	0.00028
2115 Jun	0.000383	0.0011	0.155	0.0000101	2.16	3.48	0.062	0.000497	7.89	0.00162	0.0108	0.000484	0.000218	0.000112	0.149	0.00000212	0.000254	0.000757	0.0016	0.000272
2115 Jul	0.000392	0.00114	0.16	0.0000105	2.22	3.56	0.0632	0.000509	8.1	0.00167	0.0112	0.000494	0.000223	0.000115	0.153	0.00000221	0.000259	0.000771	0.00166	0.000275
2115 Aug	0.000363	0.0011	0.152	0.0000104	2.12	3.37	0.0582	0.000498	7.74	0.0016	0.0109	0.000452	0.000209	0.000109	0.145	0.00000217	0.000248	0.000706	0.0016	0.000263
2115 Sep	0.00035	0.00109	0.147	0.0000103	2.11	3.3	0.0559	0.00051	7.71	0.00159	0.0108	0.000428	0.000204	0.000108	0.143	0.00000217	0.000253	0.000674	0.00158	0.00027
2115 Oct	0.000345	0.00109	0.145	0.0000103	2.13	3.29	0.0549	0.000523	7.78	0.00159	0.0107	0.000418	0.000205	0.000108	0.143	0.00000217	0.000262	0.000663	0.00156	0.000285
2115 Nov	0.000334	0.00107	0.142	0.0000102	2.11	3.23	0.053	0.000531	7.73	0.00157	0.0106	0.0004	0.000202	0.000107	0.141	0.00000215	0.000265	0.00064	0.00153	0.000292
2115 Dec	0.000334	0.00107	0.142	0.0000102	2.11	3.23	0.0529	0.000533	7.74	0.00157	0.0106	0.000399	0.000202	0.000107	0.141	0.00000215	0.000266	0.000639	0.00153	0.000293
2116 Jan	0.000334	0.00107	0.142	0.0000102	2.11	3.23	0.0529	0.000533	7.75	0.00157	0.0106	0.000399	0.000202	0.000107	0.141	0.00000215	0.000266	0.000639	0.00153	0.000293
2116 Feb	0.000334	0.00107	0.142	0.0000102	2.11	3.23	0.0529	0.000533	7.75	0.00157	0.0106	0.000399	0.000202	0.000107	0.141	0.00000215	0.000267	0.000639	0.00153	0.000293
2116 Mar	0.000334	0.00108	0.142	0.0000102	2.11	3.23	0.053	0.000534	7.76	0.00157	0.0106	0.000399	0.000202	0.000107	0.141	0.00000215	0.000267	0.00064	0.00153	0.000294
2116 Apr	0.000336	0.00108	0.142	0.0000102	2.12	3.25	0.0532	0.000536	7.79	0.00158	0.0107	0.000401	0.000203	0.000107	0.142	0.00000216	0.000268	0.000643	0.00154	0.000295
2116 May	0.000357	0.0011	0.148	0.0000102	2.19	3.39	0.0573	0.000535	8.04	0.00162	0.0107	0.000437	0.000213	0.000112	0.148	0.00000216	0.000276	0.000687	0.00156	0.000309
2116 Jun	0.000375	0.00104	0.149	0.00000957	2.09	3.36	0.0615	0.000455	7.62	0.00157	0.0101	0.000483	0.000219	0.00011	0.144	0.00000201	0.000249	0.000745	0.00155	0.000278
2116 Jul	0.00038	0.00107	0.153	0.00001	2.15	3.43	0.0623	0.000465	7.8	0.00161	0.0105	0.000489	0.00023	0.000113	0.147	0.0000021	0.000256	0.000765	0.00164	0.000285
2116 Aug	0.000388	0.0011	0.157	0.0000104	2.21	3.51	0.0635	0.000481	8.01	0.00166	0.0108	0.000497	0.000234	0.000115	0.151	0.00000218	0.000261	0.000779	0.00169	0.000289
2116 Sep	0.000358	0.00107	0.148	0.0000101	2.11	3.31	0.0579	0.000487	7.66	0.00159	0.0106	0.000447	0.000216	0.000109	0.143	0.00000212	0.000252	0.000712	0.0016	0.000278
2116 Oct	0.000326	0.00103	0.138	0.00000983	2.04	3.13	0.0518	0.000509	7.44	0.00152	0.0103	0.000391	0.000201	0.000103	0.136	0.00000207	0.000256	0.000641	0.00151	0.000285
2116 Nov	0.000322	0.00103	0.137	0.00000983	2.04	3.12	0.0511	0.000516	7.46	0.00151	0.0103	0.000384	0.000201	0.000103	0.136	0.00000207	0.000259	0.000632	0.00151	0.000291
2116 Dec	0.000322	0.00103	0.137	0.00000983	2.04	3.12	0.0511	0.000517	7.47	0.00152	0.0103	0.000384	0.000201	0.000103	0.136	0.00000207	0.00026	0.000633	0.00151	0.000292
2117 Jan	0.000322	0.00103	0.137	0.00000983	2.04	3.12	0.0511	0.000517	7.47	0.00152	0.0103	0.000384	0.000201	0.000103	0.136	0.00000207	0.00026	0.000632	0.00151	0.000292
2117 Feb	0.000322	0.00103	0.137	0.00000983	2.04	3.12	0.0511	0.000517	7.47	0.00152	0.0103	0.000384	0.000201	0.000103	0.136	0.00000207	0.00026	0.000633	0.00151	0.000292
2117 Mar	0.000323	0.00103	0.137	0.00000984	2.05	3.12	0.0512	0.000518	7.48	0.00152	0.0103	0.000384	0.000201	0.000103	0.136	0.00000207	0.000261	0.000633	0.00151	0.000292
2117 Apr	0.000325	0.00104	0.138	0.00000989	2.06	3.14	0.0515	0.000521	7.53	0.00153	0.0104	0.000386	0.000202	0.000103	0.137	0.00000208	0.000262	0.000637	0.00152	0.000294
2117 May	0.000345	0.00106	0.144	0.00000998	2.08	3.25	0.0552	0.000509	7.61	0.00156	0.0105	0.000421	0.000206	0.000106	0.141	0.0000021	0.000256	0.000679	0.00155	0.000283
2117 Jun	0.000377	0.00108	0.153	0.00001	2.1	3.4	0.0611	0.000477	7.66	0.00159	0.0106	0.000478	0.000215	0.000109	0.146	0.0000021	0.000243	0.00075	0.0016	0.000263
2117 Jul	0.000388	0.00112	0.159	0.0000105	2.17	3.51	0.0628	0.000491	7.9	0.00165	0.0111	0.000491	0.000222	0.000113	0.15	0.00000219	0.000249	0.000772	0.00167	0.000269
2117 Aug	0.000389	0.00114	0.16	0.0000107	2.19	3.53	0.0626	0.000499	7.96	0.00167	0.0113	0.000489	0.000222	0.000114	0.151	0.00000224	0.000249	0.00077	0.00169	0.000267
2117 Sep	0.000386	0.00114	0.16	0.0000108	2.18	3.52	0.0619	0.000504	7.95	0.00167	0.0114	0.000483	0.000219	0.000113	0.151	0.00000225	0.000247	0.000762	0.00169	0.000263
2117 Oct	0.000373	0.00113	0.156	0.0000107	2.14	3.43	0.0594	0.000507	7.78	0.00163	0.0113	0.00046	0.000211	0.00011	0.147	0.00000223	0.000243	0.000733	0.00166	0.000257
2117 Nov	0.000368	0.00112	0.154	0.0000106	2.13	3.41	0.0585	0.000511	7.76	0.00162	0.0112	0.000452	0.000209	0.000109	0.146	0.00000222	0.000245	0.000722	0.00164	0.00026
2117 Dec	0.000367	0.00112	0.154	0.0000106	2.13	3.41	0.0585	0.000511	7.77	0.00162	0.0112	0.000451	0.000209	0.000109	0.146	0.00000222	0.000245	0.000722	0.00164	0.000261
2118 Jan	0.000367	0.00112	0.154	0.0000106	2.13	3.41	0.0585	0.000512	7.77	0.00162	0.0112	0.000451	0.00021	0.000109	0.146	0.00000222	0.000245	0.000722	0.00164	0.000261
2118 Feb	0.000367	0.00112	0.154	0.0000106	2.13	3.41	0.0585	0.000512	7.77	0.00162	0.0112	0.000451	0.00021	0.000109	0.146	0.00000222	0.000245	0.000722	0.00164	0.000261
2118 Mar	0.000368	0.00112	0.154	0.0000106	2.13	3.41	0.0585	0.000512	7.78	0.00163	0.0112	0.000452	0.00021	0.000109	0.146	0.00000222	0.000245	0.000722	0.00164	0.000262
2118 Apr	0.000372	0.00113	0.156	0.0000107	2.15	3.44	0.0593	0.000513	7.82	0.00163	0.0113	0.000455	0.000211	0.00011	0.147	0.00000223	0.000246	0.00073	0.00165	0.000261
2118 May	0.000408	0.00114	0.164	0.0000105	2.16	3.6	0.066	0.000478	7.87	0.00166	0.0112	0.000515	0.000215	0.000113	0.152	0.00000218	0.000233	0.000802	0.00165	0.000243
2118 Jun	0.000419	0.00109	0.164	0.00000984	2.12	3.59	0.0689	0.000429	7.68	0.00162	0.0106	0.000549	0.000222	0.000113	0.151	0.00000205	0.000225	0.000836	0.00162	0.00024
2118 Jul	0.000434	0.00114	0.171	0.0000104	2.2	3.72	0.0713	0.000445	7.98	0.00169	0.0111	0.000567	0.000232	0.000117	0.157	0.00000216	0.000233	0.000868	0.00171	0.000248
2118 Aug	0.000413	0.00112	0.165	0.0000104	2.14	3.59	0.0675	0.000445	7.75	0.00165	0.0109	0.000534	0.00022	0.000114	0.152	0.00000215	0.000224	0.000818	0.00167	0.000236
2118 Sep	0.000364	0.00106	0.149	0.00000992	2.04	3.3	0.0586	0.000471	7.43	0.00155	0.0104	0.000452	0.000202	0.000106	0.141	0.00000207	0.000232	0.000711	0.00155	0.000253
2118 Oct	0.000335	0.00103	0.139	0.00000966	2.02	3.16	0.0534	0.0005	7.39	0.00151	0.0102	0.000403	0.000195	0.000102	0.137	0.00000203	0.000248	0.000649	0.00147	0.000281
2118 Nov	0.000327	0.00102	0.136	0.00000958	2.05	3.14	0.0522	0.000518	7.51	0.00151	0.0101	0.000389	0.000197	0.000103	0.137	0.00000202	0.000263	0.000632	0.00145	0.000306
2118 Dec	0.000327	0.00102	0.136	0.00000958	2.06	3.15	0.0522	0.000521	7.54	0.00151	0.0101	0.000389	0.000198	0.000103	0.138	0.00000202	0.000266	0.000632	0.00145	0.00031
2119 Jan	0.000327	0.00102	0.136	0.00000958	2.06	3.15	0.0522	0.000521	7.54	0.00151	0.0101	0.000389	0.000198	0.000103	0.138	0.00000202	0.000266	0.000632	0.00145	0.000311
2119 Feb	0.000327	0.00102	0.136	0.00000958	2.06	3.15	0.0522	0.000521	7.54	0.00151	0.0101	0.000389	0.000198	0.000103	0.138	0.00000202	0.000266	0.000632	0.00145	0.000311
2119 Mar	0.000328	0.00103	0.136	0.0000096	2.06	3.15	0.0523	0.000522	7.56	0.00151	0.0101	0.000389	0.000199	0.000104	0.138	0.00000202	0.000266	0.000633	0.00146	0.000311
2119 Apr	0.000343	0.00105	0.141	0.00000967	2.1	3.25	0.055	0.000522	7.69	0.00154	0.0102	0.000401	0.000201	0.000105	0.142	0.00000204	0.000266	0.00066	0.00147	0.000309
2119 May	0.000425	0.0011	0.163	0.00000949	2.18	3.67	0.0698	0.000471	7.98	0.00162	0.0103	0.000493	0.000208	0.000109	0.156	0.00000199	0.000243	0.00081	0.00148	0.000273
2119 Jun	0.000418	0.00107	0.16	0.00000939	2.14	3.6	0.069	0.000451	7.83	0.0016	0.0102	0.000495	0.000214	0.000109	0.153	0.00000197	0.00024	0.000813	0.00151	0.000273
2119 Jul	0.000428	0.00111	0.166	0.00000987	2.21	3.7	0.0705	0.000463	8.05	0.00166	0.0106	0.000506	0.000225	0.000112	0.157	0.00000207	0.000247	0.00084	0.0016	0.000278
2119 Aug	0.000422	0.00112	0.165	0.0000101	2.21	3.68	0.0692	0.000473	8.05	0.00167	0.0108	0.000495	0.000221	0.000112	0.156	0.00000211	0.000245	0.000822	0.00161	0.000273
2119 Sep	0.000392	0.00109	0.156	0.00000991	2.15	3.5	0.0639	0.000485	7.84	0.00161	0.0105	0.000451	0.00021	0.000108	0.15	0.00000207	0.000246	0.000757	0.00155	0.000278
2119 Oct	0.000368	0.00106	0.148	0.0000097	2.11	3.37	0.0594	0.000501	7.71	0.00156	0.0103	0.000413	0.000202	0.000104	0.145	0.00000203	0.000253	0.000706	0.00149	0.000291
2119 Nov	0.000358	0.00105	0.144	0.00000961	2.1	3.32	0.0576	0.000511	7.7	0.00155	0.0102	0.000398	0.0002	0.000103	0.144	0.00000202	0.000259	0.000685	0.00146	0.000302
2119 Dec	0.000358	0.00105	0.144	0.00000961	2.1	3.32	0.0576	0.000512	7.71	0.00155	0.0102	0.000398	0.000201	0.000103	0.144	0.00000202	0.00026	0.000685	0.00146	0.000304

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	52.2	0.0403	0.01	0.00108	10.9	0.0269	3.88	0.00108	0.00108	0.00000538	0.00745	0.00121	0.0101	0.0194	0.00000538	16.5	0.0000207	0.000258
Operation (2024-2031): Mean	63.8	0.053	0.0132	0.00115	14	0.0304	4.96	0.00115	0.00115	0.00000573	0.0081	0.00142	0.0112	0.0255	0.00000573	21.3	0.0000214	0.000312
Operation (2024-2031): Max	76.8	0.0659	0.0173	0.00122	17.6	0.0325	6.13	0.00122	0.00122	0.0000061	0.00867	0.00165	0.0121	0.0329	0.0000061	27	0.000023	0.000377
Active Closure (2032-2038): Min	49.2	0.0386	0.00942	0.000962	10.3	0.0266	3.67	0.000962	0.000962	0.00000481	0.00693	0.00114	0.00956	0.0183	0.00000481	15.5	0.0000176	0.000242
Active Closure (2032-2038): Mean	55	0.0504	0.0107	0.00105	12.1	0.0294	4.33	0.00105	0.00105	0.00000523	0.00751	0.00124	0.0105	0.0213	0.00000523	18	0.0000191	0.000266
Active Closure (2032-2038): Max	64.7	0.0609	0.0132	0.00117	14.5	0.0328	5.16	0.00117	0.00117	0.00000586	0.00841	0.00142	0.0117	0.026	0.00000586	21.8	0.0000214	0.000313
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	64	0.0379	0.00836	0.000804	10.1	0.0274	5.17	0.000803	0.000803	0.00000407	0.0058	0.00124	0.0111	0.0184	0.00000417	16.4	0.0000143	0.000248
Post Closure (2039-2119): Mean	95.5	0.105	0.0979	0.00235	17.2	0.046	20	0.000914	0.000914	0.00000481	0.00736	0.00194	0.0441	0.0246	0.00000527	21.5	0.0000226	0.000399
Post Closure (2039-2119): Max	168	0.412	0.579	0.0104	44.4	0.0786	44.4	0.00113	0.00113	0.00000572	0.00958	0.00316	0.0989	0.0336	0.00000687	29.7	0.0000342	0.000627
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan	73.9	0.0629	0.0165	0.00111	16.9	0.0285	5.93	0.00111	0.00111	0.00000554	0.00769	0.00159	0.0105	0.0316	0.00000554	26	0.000021	0.000361
2024 Feb	73.9	0.0629	0.0165	0.00111	16.9	0.0285	5.93	0.00111	0.00111	0.00000554	0.00769	0.00159	0.0105	0.0316	0.00000554	26	0.000021	0.000361
2024 Mar	74	0.0629	0.0165	0.00111	16.9	0.0285	5.93	0.00111	0.00111	0.00000554	0.00769	0.00159	0.0105	0.0316	0.00000554	26	0.000021	0.000362
2024 Apr	74.1	0.063	0.0165	0.00111	17	0.0285	5.94	0.00111	0.00111	0.00000555	0.00771	0.00159	0.0105	0.0316	0.00000555	26	0.000021	0.000362
2024 May	75.1	0.0637	0.0168	0.00112	17.2	0.0287	6.02	0.00112	0.00112	0.0000056	0.00777	0.00161	0.0106	0.0321	0.0000056	26.4	0.0000213	0.000367
2024 Jun	73.2	0.0609	0.0166	0.00108	16.8	0.0269	5.85	0.00108	0.00108	0.00000538	0.00745	0.00156	0.0101	0.0315	0.00000538	25.8	0.0000207	0.00036
2024 Jul	75.4	0.0624	0.017	0.00112	17.2	0.0279	6.02	0.00112	0.00112	0.00000558	0.00774	0.00161	0.0105	0.0324	0.00000558	26.6	0.0000215	0.000371
2024 Aug	76.8	0.0636	0.0173	0.00114	17.6	0.0289	6.13	0.00114	0.00114	0.00000571	0.00789	0.00165	0.0108	0.0329	0.00000571	27	0.0000217	0.000377
2024 Sep	75.5	0.0638	0.0168	0.00113	17.3	0.0292	6.05	0.00113	0.00113	0.00000566	0.00783	0.00162	0.0107	0.0322	0.00000566	26.5	0.0000213	0.000369
2024 Oct	75.2	0.0645	0.0167	0.00113	17.3	0.0294	6.04	0.00113	0.00113	0.00000566	0.00785	0.00161	0.0108	0.0321	0.00000566	26.4	0.0000212	0.000367
2024 Nov	75.2	0.0649	0.0166	0.00113	17.3	0.0296	6.05	0.00113	0.00113	0.00000566	0.00786	0.00161	0.0108	0.032	0.00000566	26.4	0.0000212	0.000367
2024 Dec	75.2	0.065	0.0166	0.00113	17.3	0.0296	6.05	0.00113	0.00113	0.00000566	0.00787	0.00161	0.0108	0.032	0.00000566	26.4	0.0000212	0.000367
2025 Jan	75.2	0.065	0.0166	0.00113	17.3	0.0296	6.05	0.00113	0.00113	0.00000566	0.00787	0.00161	0.0108	0.032	0.00000566	26.4	0.0000212	0.000367
2025 Feb	75.2	0.065	0.0166	0.00113	17.3	0.0296	6.05	0.00113	0.00113	0.00000567	0.00787	0.00161	0.0108	0.032	0.00000567	26.4	0.0000212	0.000367
2025 Mar	75.2	0.065	0.0166	0.00113	17.3	0.0296	6.05	0.00113	0.00113	0.00000567	0.00787	0.00161	0.0108	0.032	0.00000567	26.4	0.0000212	0.000367
2025 Apr	75.3	0.065	0.0166	0.00113	17.3	0.0296	6.05	0.00113	0.00113	0.00000567	0.00787	0.00162	0.0108	0.032	0.00000567	26.4	0.0000212	0.000367
2025 May	76.3	0.0659	0.0169	0.00115	17.5	0.03	6.13	0.00115	0.00115	0.00000574	0.00797	0.00164	0.0109	0.0325	0.00000574	26.8	0.0000215	0.000372
2025 Jun	73.7	0.0623	0.0162	0.00114	16.8	0.0294	5.87	0.00114	0.00114	0.00000569	0.00793	0.00159	0.0109	0.0311	0.00000569	25.7	0.0000215	0.000361
2025 Jul	69	0.0563	0.0151	0.00111	15.5	0.0284	5.43	0.00111	0.00111	0.00000556	0.00775	0.0015	0.0106	0.0288	0.00000556	23.8	0.0000211	0.000339
2025 Aug	71	0.0578	0.0155	0.00115	16	0.0297	5.6	0.00115	0.00115	0.00000575	0.00799	0.00155	0.011	0.0296	0.00000575	24.5	0.0000216	0.000348
2025 Sep	70.8	0.0583	0.0154	0.00115	16	0.03	5.6	0.00115	0.00115	0.00000576	0.008	0.00155	0.0111	0.0295	0.00000576	24.4	0.0000215	0.000347
2025 Oct	69.2	0.0589	0.0149	0.00113	15.6	0.0299	5.5	0.00113	0.00113	0.00000565	0.00789	0.00151	0.0109	0.0287	0.00000565	23.8	0.000021	0.000337
2025 Nov	68.3	0.059	0.0146	0.00112	15.5	0.0298	5.44	0.00112	0.00112	0.00000559	0.00782	0.00149	0.0108	0.0283	0.00000559	23.5	0.0000207	0.000332
2025 Dec	68.4	0.059	0.0146	0.00112	15.5	0.0299	5.45	0.00112	0.00112	0.00000559	0.00782	0.00149	0.0108	0.0283	0.00000559	23.5	0.0000207	0.000333
2026 Jan	68.4	0.059	0.0146	0.00112	15.5	0.0299	5.45	0.00112	0.00112	0.00000559	0.00782	0.00149	0.0108	0.0283	0.00000559	23.5	0.0000207	0.000333
2026 Feb	68.4	0.059	0.0146	0.00112	15.5	0.0299	5.45	0.00112	0.00112	0.00000559	0.00782	0.00149	0.0108	0.0283	0.00000559	23.5	0.0000207	0.000333
2026 Mar	68.4	0.0591	0.0146	0.00112	15.5	0.0299	5.45	0.00112	0.00112	0.00000559	0.00783	0.00149	0.0108	0.0283	0.00000559	23.5	0.0000207	0.000333
2026 Apr	68.6	0.0592	0.0146	0.00112	15.5	0.0299	5.46	0.00112	0.00112	0.00000561	0.00785	0.0015	0.0108	0.0284	0.00000561	23.6	0.0000208	0.000334
2026 May	69.3	0.0598	0.0148	0.00113	15.7	0.0303	5.52	0.00113	0.00113	0.00000566	0.00793	0.00151	0.011	0.0287	0.00000566	23.8	0.000021	0.000337
2026 Jun	65.1	0.0539	0.0139	0.0011	14.5	0.0285	5.1	0.0011	0.0011	0.00000548	0.00771	0.00143	0.0106	0.0267	0.00000548	22.2	0.0000208	0.00032
2026 Jul	66	0.054	0.0141	0.00112	14.7	0.0291	5.15	0.00112	0.00112	0.00000562	0.00791	0.00145	0.0109	0.027	0.00000562	22.4	0.0000213	0.000324
2026 Aug	66.8	0.0545	0.0142	0.00115	14.9	0.03	5.23	0.00115	0.00115	0.00000574	0.00803	0.00147	0.0111	0.0273	0.00000574	22.7	0.0000214	0.000327
2026 Sep	67.5	0.0555	0.0143	0.00116	15	0.0305	5.29	0.00116	0.00116	0.0000058	0.00812	0.00149	0.0113	0.0275	0.0000058	22.9	0.0000216	0.00033
2026 Oct	66.7	0.0561	0.014	0.00115	14.9	0.0306	5.25	0.00115	0.00115	0.00000575	0.00807	0.00147	0.0112	0.0271	0.00000575	22.6	0.0000213	0.000326
2026 Nov	66.9	0.0562	0.0141	0.00115	14.9	0.0307	5.26	0.00115	0.00115	0.00000576	0.00809	0.00148	0.0112	0.0272	0.00000576	22.7	0.0000214	0.000327
2026 Dec	66.9	0.0563	0.0141	0.00115	14.9	0.0307	5.26	0.00115	0.00115	0.00000576	0.0081	0.00148	0.0112	0.0272	0.00000576	22.7	0.0000214	0.000327
2027 Jan	66.9	0.0563	0.0141	0.00115	14.9	0.0307	5.26	0.00115	0.00115	0.00000576	0.0081	0.00148	0.0112	0.0272	0.00000576	22.7	0.0000214	0.000327
2027 Feb	66.9	0.0563	0.0141	0.00115	14.9	0.0307	5.26	0.00115	0.00115	0.00000576	0.0081	0.00148	0.0112	0.0272	0.00000576	22.7	0.0000214	0.000327
2027 Mar	67	0.0563	0.0141	0.00115	14.9	0.0307	5.27	0.00115	0.00115	0.00000577	0.0081	0.00148	0.0112	0.0272	0.00000577	22.7	0.0000214	0.000327
2027 Apr	67.3	0.0565	0.0141	0.00116	15	0.0308	5.29	0.00116	0.00116	0.00000579	0.00813	0.00148	0.0113	0.0273	0.00000579	22.8	0.0000215	0.000328
2027 May	68.2	0.0573	0.0143	0.00117	15.2	0.0312	5.36	0.00117	0.00117	0.00000587	0.00824	0.0015	0.0114	0.0277	0.00000587	23.1	0.0000218	0.000333
2027 Jun	63.1	0.0508	0.0132	0.00112	13.8	0.0291	4.88	0.00112	0.00112	0.00000562	0.00793	0.0014	0.011	0.0254	0.00000562	21.2	0.0000213	0.000311
2027 Jul	62	0.0486	0.013	0.00113	13.5	0.029	4.75	0.00113	0.00113	0.00000566	0.008	0.00138	0.011	0.0247	0.00000566	20.6	0.0000216	0.000307
2027 Aug	64.1	0.0502	0.0134	0.00117	13.9	0.0303	4.91	0.00117	0.00117	0.00000586	0.00826	0.00143	0.0114	0.0255	0.00000586	21.3	0.0000222	0.000316
2027 Sep	63.6	0.0509	0.0131	0.00117	13.9	0.0306	4.89	0.00117	0.00117	0.00000583	0.00822	0.00142	0.0114	0.0252	0.00000583	21.1	0.0000219	0.000313
2027 Oct	63	0.0517	0.0129	0.00116	13.8	0.0307	4.87	0.00116	0.00116	0.00000578	0.00818	0.00141	0.0114	0.0249	0.00000578	20.9	0.0000216	0.000309
2027 Nov	62.9	0.0521	0.0129	0.00116	13.8	0.0307	4.87	0.00116	0.00116	0.00000578	0.00818	0.0014	0.0114	0.0249	0.00000578	20.9	0.0000216	0.000308
2027 Dec	62.9	0.0521	0.0129	0.00115	13.8	0.0307	4.87	0.00115	0.00115	0.00000577	0.00818	0.0014	0.0114	0.0249	0.00000577	20.9	0.0000216	0.000308
2028 Jan	62.9	0.0521	0.0129	0.00115	13.8	0.0307	4.87	0.00115	0.00115	0.00000577	0.00818	0.0014	0.0114	0.0249	0.00000577	20.9	0.0000216	0.000308
2028 Feb	62.9	0.0521	0.0129	0.00115	13.8	0.0308	4.87	0.00115	0.00115	0.00000577	0.00818	0.0014	0.0114	0.0249	0.00000577	20.9	0.0000216	0.000308
2028 Mar	62.9	0.0521	0.0129	0.00115	13.8	0.0308	4.87	0.00115	0.00115	0.00000577	0.00818	0.0014	0.0114	0.0249	0.00000577	20.9	0.0000216	0.000308

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Apr	63.1	0.0522	0.0129	0.00116	13.8	0.0308	4.88	0.00116	0.00116	0.00000579	0.0082	0.00141	0.0114	0.0249	0.00000579	20.9	0.0000216	0.000309
2028 May	63.6	0.0527	0.013	0.00117	13.9	0.0311	4.93	0.00117	0.00117	0.00000584	0.00828	0.00142	0.0115	0.0252	0.00000584	21.1	0.0000218	0.000312
2028 Jun	60.2	0.048	0.0123	0.00114	13	0.0297	4.59	0.00114	0.00114	0.00000569	0.0081	0.00135	0.0112	0.0235	0.00000569	19.8	0.0000216	0.000297
2028 Jul	59.3	0.046	0.0121	0.00114	12.7	0.0295	4.48	0.00114	0.00114	0.00000571	0.00813	0.00133	0.0113	0.023	0.00000571	19.3	0.0000218	0.000294
2028 Aug	62.3	0.0484	0.0127	0.0012	13.3	0.0311	4.71	0.0012	0.0012	0.00000601	0.00855	0.0014	0.0119	0.0242	0.00000601	20.3	0.0000229	0.000309
2028 Sep	62.9	0.0498	0.0127	0.00121	13.5	0.0317	4.77	0.00121	0.00121	0.00000607	0.00865	0.00142	0.012	0.0244	0.00000607	20.5	0.000023	0.000311
2028 Oct	60.6	0.0512	0.012	0.00117	13.1	0.0314	4.66	0.00117	0.00117	0.00000585	0.0084	0.00136	0.0117	0.0234	0.00000585	19.8	0.000022	0.000297
2028 Nov	60.7	0.0518	0.012	0.00117	13.1	0.0316	4.67	0.00117	0.00117	0.00000586	0.00842	0.00136	0.0117	0.0234	0.00000586	19.8	0.000022	0.000297
2028 Dec	60.7	0.0518	0.012	0.00117	13.1	0.0316	4.67	0.00117	0.00117	0.00000586	0.00842	0.00137	0.0117	0.0234	0.00000586	19.8	0.000022	0.000297
2029 Jan	60.7	0.0518	0.012	0.00117	13.1	0.0316	4.67	0.00117	0.00117	0.00000586	0.00842	0.00137	0.0117	0.0234	0.00000586	19.8	0.000022	0.000297
2029 Feb	60.7	0.0518	0.012	0.00117	13.1	0.0316	4.67	0.00117	0.00117	0.00000586	0.00842	0.00137	0.0117	0.0234	0.00000586	19.8	0.000022	0.000297
2029 Mar	60.7	0.0518	0.012	0.00117	13.1	0.0316	4.67	0.00117	0.00117	0.00000586	0.00842	0.00137	0.0117	0.0234	0.00000586	19.8	0.000022	0.000297
2029 Apr	60.7	0.0518	0.012	0.00117	13.1	0.0316	4.67	0.00117	0.00117	0.00000587	0.00843	0.00137	0.0117	0.0234	0.00000587	19.8	0.000022	0.000298
2029 May	61.1	0.0522	0.0121	0.00118	13.2	0.0318	4.7	0.00118	0.00118	0.0000059	0.00848	0.00138	0.0118	0.0236	0.0000059	19.9	0.0000222	0.000299
2029 Jun	60.4	0.0504	0.0119	0.00118	13	0.0314	4.61	0.00118	0.00118	0.0000059	0.00849	0.00136	0.0118	0.0232	0.0000059	19.6	0.0000224	0.000297
2029 Jul	54.4	0.0427	0.0107	0.00111	11.5	0.029	4.08	0.00111	0.00111	0.00000554	0.00794	0.00124	0.011	0.0206	0.00000554	17.4	0.0000211	0.000269
2029 Aug	55.5	0.0433	0.0109	0.00114	11.7	0.0301	4.17	0.00114	0.00114	0.00000568	0.00809	0.00127	0.0113	0.021	0.00000568	17.8	0.0000212	0.000273
2029 Sep	56.1	0.0445	0.0109	0.00115	11.9	0.0307	4.24	0.00115	0.00115	0.00000574	0.00818	0.00129	0.0114	0.0212	0.00000574	18	0.0000214	0.000275
2029 Oct	55.8	0.0454	0.0108	0.00114	11.9	0.0309	4.24	0.00114	0.00114	0.00000571	0.00816	0.00128	0.0114	0.0211	0.00000571	17.9	0.0000212	0.000273
2029 Nov	55.3	0.0459	0.0106	0.00113	11.8	0.0308	4.21	0.00113	0.00113	0.00000565	0.0081	0.00127	0.0113	0.0208	0.00000565	17.7	0.0000209	0.00027
2029 Dec	55.3	0.0459	0.0106	0.00113	11.8	0.0308	4.21	0.00113	0.00113	0.00000565	0.0081	0.00127	0.0113	0.0209	0.00000565	17.7	0.0000209	0.00027
2030 Jan	55.3	0.0459	0.0106	0.00113	11.8	0.0308	4.21	0.00113	0.00113	0.00000565	0.0081	0.00127	0.0113	0.0209	0.00000565	17.7	0.0000209	0.00027
2030 Feb	55.3	0.046	0.0106	0.00113	11.8	0.0308	4.21	0.00113	0.00113	0.00000565	0.0081	0.00127	0.0113	0.0209	0.00000565	17.7	0.0000209	0.00027
2030 Mar	55.3	0.046	0.0106	0.00113	11.8	0.0308	4.22	0.00113	0.00113	0.00000566	0.0081	0.00127	0.0113	0.0209	0.00000566	17.7	0.0000209	0.00027
2030 Apr	55.4	0.046	0.0107	0.00113	11.8	0.0309	4.22	0.00113	0.00113	0.00000566	0.00811	0.00127	0.0113	0.0209	0.00000566	17.7	0.000021	0.000271
2030 May	56	0.0465	0.0108	0.00115	11.9	0.0312	4.27	0.00115	0.00115	0.00000573	0.0082	0.00128	0.0114	0.0211	0.00000573	17.9	0.0000212	0.000274
2030 Jun	53.9	0.043	0.0104	0.00113	11.3	0.03	4.04	0.00113	0.00113	0.00000563	0.00809	0.00124	0.0112	0.0201	0.00000563	17.1	0.0000212	0.000265
2030 Jul	52.2	0.0403	0.01	0.00111	10.9	0.0293	3.88	0.00111	0.00111	0.00000555	0.00796	0.00121	0.0111	0.0194	0.00000555	16.5	0.000021	0.000258
2030 Aug	53.3	0.0409	0.0102	0.00114	11.1	0.0303	3.97	0.00114	0.00114	0.00000569	0.00812	0.00124	0.0113	0.0198	0.00000569	16.8	0.0000212	0.000262
2030 Sep	54.6	0.0421	0.0105	0.00117	11.4	0.0312	4.07	0.00117	0.00117	0.00000583	0.00832	0.00127	0.0116	0.0203	0.00000583	17.2	0.0000217	0.000269
2030 Oct	54.3	0.043	0.0103	0.00116	11.4	0.0312	4.07	0.00116	0.00116	0.00000579	0.00828	0.00126	0.0115	0.0201	0.00000579	17.1	0.0000215	0.000266
2030 Nov	54	0.0435	0.0102	0.00115	11.3	0.0312	4.06	0.00115	0.00115	0.00000575	0.00825	0.00125	0.0115	0.02	0.00000575	17	0.0000213	0.000264
2030 Dec	54	0.0435	0.0102	0.00115	11.3	0.0312	4.06	0.00115	0.00115	0.00000575	0.00825	0.00125	0.0115	0.02	0.00000575	17	0.0000213	0.000264
2031 Jan	54	0.0435	0.0102	0.00115	11.3	0.0312	4.06	0.00115	0.00115	0.00000575	0.00825	0.00125	0.0115	0.02	0.00000575	17	0.0000213	0.000264
2031 Feb	54	0.0435	0.0102	0.00115	11.3	0.0312	4.06	0.00115	0.00115	0.00000575	0.00825	0.00125	0.0115	0.02	0.00000575	17	0.0000213	0.000264
2031 Mar	54	0.0435	0.0102	0.00115	11.3	0.0312	4.06	0.00115	0.00115	0.00000576	0.00825	0.00125	0.0115	0.02	0.00000576	17	0.0000213	0.000264
2031 Apr	54.2	0.0437	0.0103	0.00116	11.4	0.0313	4.08	0.00116	0.00116	0.00000578	0.00828	0.00126	0.0115	0.0201	0.00000578	17.1	0.0000214	0.000265
2031 May	55.4	0.0445	0.0105	0.00117	11.6	0.0316	4.17	0.00117	0.00117	0.00000584	0.00837	0.00128	0.0117	0.0206	0.00000584	17.5	0.0000217	0.000271
2031 Jun	56.9	0.045	0.0113	0.00114	12.1	0.0301	4.3	0.00114	0.00114	0.0000057	0.00813	0.0013	0.0113	0.0217	0.0000057	18.3	0.0000215	0.00028
2031 Jul	59.4	0.0468	0.0117	0.00119	12.6	0.0315	4.48	0.00119	0.00119	0.00000597	0.00852	0.00136	0.0118	0.0227	0.00000597	19.1	0.0000225	0.000292
2031 Aug	60.5	0.0476	0.0119	0.00122	12.9	0.0325	4.58	0.00122	0.00122	0.0000061	0.00867	0.00139	0.0121	0.0231	0.0000061	19.5	0.0000227	0.000297
2031 Sep	59.3	0.0484	0.0115	0.0012	12.7	0.0325	4.52	0.0012	0.0012	0.00000599	0.00851	0.00136	0.0119	0.0226	0.00000599	19.1	0.000022	0.000289
2031 Oct	57.4	0.0501	0.0109	0.00116	12.4	0.0323	4.43	0.00116	0.00116	0.00000578	0.00829	0.00131	0.0116	0.0217	0.00000578	18.4	0.0000211	0.000278
2031 Nov	57.4	0.0504	0.0109	0.00116	12.4	0.0324	4.44	0.00116	0.00116	0.00000578	0.0083	0.00131	0.0116	0.0217	0.00000578	18.4	0.0000211	0.000278
2031 Dec	57.4	0.0504	0.0109	0.00116	12.4	0.0324	4.44	0.00116	0.00116	0.00000579	0.0083	0.00131	0.0116	0.0217	0.00000579	18.5	0.0000211	0.000278
2032 Jan	57.4	0.0504	0.0109	0.00116	12.4	0.0324	4.44	0.00116	0.00116	0.00000579	0.0083	0.00131	0.0116	0.0217	0.00000579	18.5	0.0000211	0.000278
2032 Feb	57.4	0.0504	0.0109	0.00116	12.4	0.0324	4.44	0.00116	0.00116	0.00000579	0.0083	0.00131	0.0116	0.0217	0.00000579	18.5	0.0000211	0.000278
2032 Mar	57.4	0.0505	0.0109	0.00116	12.4	0.0324	4.44	0.00116	0.00116	0.00000579	0.0083	0.00131	0.0116	0.0217	0.00000579	18.5	0.0000211	0.000278
2032 Apr	57.5	0.0506	0.0109	0.00116	12.4	0.0324	4.45	0.00116	0.00116	0.0000058	0.00832	0.00131	0.0116	0.0218	0.0000058	18.5	0.0000212	0.000278
2032 May	58.2	0.0511	0.0111	0.00117	12.5	0.0328	4.5	0.00117	0.00117	0.00000586	0.00841	0.00133	0.0117	0.022	0.00000586	18.7	0.0000214	0.000281
2032 Jun	54.3	0.045	0.0104	0.00112	11.5	0.0302	4.11	0.00112	0.00112	0.0000056	0.00806	0.00124	0.0112	0.0204	0.0000056	17.3	0.000021	0.000266
2032 Jul	49.2	0.0386	0.00942	0.00104	10.3	0.0278	3.67	0.00104	0.00104	0.00000522	0.00749	0.00114	0.0104	0.0183	0.00000522	15.5	0.0000196	0.000242
2032 Aug	49.7	0.039	0.00945	0.00106	10.4	0.0287	3.73	0.00106	0.00106	0.00000529	0.00753	0.00115	0.0106	0.0184	0.00000529	15.7	0.0000195	0.000243
2032 Sep	50.4	0.0399	0.00954	0.00107	10.6	0.0293	3.79	0.00107	0.00107	0.00000537	0.00763	0.00117	0.0108	0.0187	0.00000537	15.9	0.0000196	0.000246
2032 Oct	50.7	0.0406	0.00957	0.00108	10.7	0.0296	3.82	0.00108	0.00108	0.0000054	0.00768	0.00118	0.0108	0.0188	0.0000054	16	0.0000197	0.000247
2032 Nov	50.7	0.0409	0.00955	0.00108	10.7	0.0296	3.82	0.00108	0.00108	0.0000054	0.00769	0.00118	0.0108	0.0188	0.0000054	16	0.0000197	0.000247
2032 Dec	50.5	0.041	0.00951	0.00108	10.7	0.0296	3.82	0.00108	0.00108	0.00000538	0.00767	0.00117	0.0108	0.0187	0.00000538	16	0.0000196	0.000246
2033 Jan	50.5	0.041	0.00951	0.00108	10.7	0.0296	3.82	0.00108	0.00108	0.00000538	0.00767	0.00117	0.0108	0.0187	0.00000538	16	0.0000196	0.000246
2033 Feb	50.5	0.041	0.00951	0.00108	10.7	0.0296	3.82	0.00108	0.00108	0.00000538	0.00767	0.00117	0.0108	0.0187	0.00000538	16	0.0000196	0.000246
2033 Mar	50.6	0.0411	0.00952	0.00108	10.7	0.0296	3.82	0.00108	0.00108	0.00000538	0.00768	0.00117	0.0108	0.0187	0.00000538	16	0.0000196	0.000247
2033 Apr	50.8	0.0412	0.00956	0.00108	10.7	0.0298	3.84	0.00108	0.00108	0.00000541	0.00771	0.00118	0.0109	0.0188	0.00000541	16	0.0000197	0.000248
2033 May	53.2	0.043	0.0103	0.00109	11.3	0.0295	4.05	0.00109	0.00109	0.00000543	0.00771	0.00122	0.0108	0.0202	0.00000543	17.1	0.0000199	0.00026
2033 Jun	53.6	0.0422	0.0109	0.00102	11.5	0.0268	4.08	0.00102	0.00102	0.00000511	0.00724	0.00121	0.01	0.0209	0.00000511	17.6	0.0000192	0.000264
2033 Jul	54.6	0.0427	0.0111	0.00105	11.7	0.0275	4.16	0.00105	0.00105	0.00000524	0.00741	0.00123	0.0103	0.0213	0.00000524	17.9	0.0000196	0.000268
2033 Aug	56.7	0.0442	0.0115	0.00109	12.2	0.0288	4.32	0.00109	0.00109	0.00000546	0.0077	0.00128	0.0107	0.0221	0.00000546	18.6	0.0000203	0.000278
2033 Sep	55.9	0.0453	0.0112	0.00108	12.1	0.029	4.29	0.00108	0.00108	0.00000539	0.00762	0.00127	0.0107	0.0217	0.00000539	18.3	0.0000198	0.000273
2033 Oct	53.2	0.0479	0.0103	0.00103	11.6	0.0289	4.17	0.00103	0.00103	0.00000514	0.00736	0.0012	0.0103	0.0205	0.00000514	17.4	0.0000187	0.000257
2033 Nov	53.1	0.0486	0.0102	0.00103	11.6	0.0291	4.18	0.00103	0.00103	0.00000513	0.00737	0.0012	0.0103	0.0204	0.00000513	17.3	0.0000186	0.000256

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Dec	53.2	0.0487	0.0102	0.00103	11.7	0.0291	4.18	0.00103	0.00103	0.00000514	0.00737	0.0012	0.0103	0.0205	0.00000514	17.3	0.0000186	0.000256
2034 Jan	53.2	0.0487	0.0102	0.00103	11.7	0.0291	4.18	0.00103	0.00103	0.00000514	0.00737	0.0012	0.0103	0.0205	0.00000514	17.3	0.0000186	0.000256
2034 Feb	53.2	0.0487	0.0102	0.00103	11.7	0.0291	4.18	0.00103	0.00103	0.00000514	0.00737	0.0012	0.0103	0.0205	0.00000514	17.3	0.0000186	0.000256
2034 Mar	53.2	0.0487	0.0102	0.00103	11.7	0.0291	4.18	0.00103	0.00103	0.00000514	0.00737	0.0012	0.0103	0.0205	0.00000514	17.3	0.0000186	0.000256
2034 Apr	53.4	0.0489	0.0103	0.00103	11.7	0.0292	4.2	0.00103	0.00103	0.00000516	0.0074	0.00121	0.0103	0.0205	0.00000516	17.4	0.0000187	0.000257
2034 May	54.7	0.0499	0.0106	0.00104	12	0.0294	4.31	0.00104	0.00104	0.00000522	0.00749	0.00123	0.0104	0.0212	0.00000522	17.9	0.000019	0.000264
2034 Jun	56.4	0.0494	0.0114	0.00102	12.5	0.0277	4.43	0.00102	0.00102	0.00000509	0.00726	0.00125	0.01	0.0224	0.00000509	18.8	0.000019	0.000274
2034 Jul	56.4	0.0488	0.0114	0.00103	12.4	0.028	4.42	0.00103	0.00103	0.00000515	0.00733	0.00126	0.0101	0.0224	0.00000515	18.8	0.0000191	0.000274
2034 Aug	59.4	0.0513	0.012	0.00109	13.1	0.0296	4.66	0.00109	0.00109	0.00000544	0.00772	0.00133	0.0107	0.0236	0.00000544	19.8	0.0000201	0.000288
2034 Sep	58.5	0.0527	0.0117	0.00107	13	0.0298	4.62	0.00107	0.00107	0.00000536	0.00766	0.00131	0.0106	0.0231	0.00000536	19.4	0.0000196	0.000282
2034 Oct	56.5	0.0542	0.011	0.00104	12.6	0.0298	4.52	0.00104	0.00104	0.0000052	0.00749	0.00126	0.0104	0.0222	0.0000052	18.7	0.0000189	0.00027
2034 Nov	56.6	0.0546	0.011	0.00104	12.6	0.0299	4.53	0.00104	0.00104	0.00000521	0.0075	0.00126	0.0104	0.0222	0.00000521	18.7	0.0000189	0.000271
2034 Dec	56.6	0.0546	0.011	0.00104	12.6	0.0299	4.53	0.00104	0.00104	0.00000521	0.00751	0.00126	0.0104	0.0222	0.00000521	18.7	0.0000189	0.000271
2035 Jan	56.6	0.0546	0.011	0.00104	12.6	0.0299	4.53	0.00104	0.00104	0.00000521	0.00751	0.00126	0.0104	0.0222	0.00000521	18.7	0.0000189	0.000271
2035 Feb	56.6	0.0546	0.011	0.00104	12.6	0.0299	4.53	0.00104	0.00104	0.00000521	0.00751	0.00126	0.0104	0.0222	0.00000521	18.7	0.0000189	0.000271
2035 Mar	56.6	0.0546	0.011	0.00104	12.6	0.0299	4.53	0.00104	0.00104	0.00000521	0.00751	0.00126	0.0104	0.0222	0.00000521	18.7	0.0000189	0.000271
2035 Apr	56.8	0.0548	0.011	0.00105	12.7	0.03	4.55	0.00105	0.00105	0.00000523	0.00753	0.00127	0.0104	0.0223	0.00000523	18.8	0.000019	0.000272
2035 May	57.9	0.0557	0.0113	0.00106	12.9	0.0304	4.63	0.00106	0.00106	0.00000531	0.00765	0.00129	0.0106	0.0227	0.00000531	19.2	0.0000193	0.000277
2035 Jun	55.3	0.0498	0.0111	0.00101	12.2	0.0275	4.35	0.00101	0.00101	0.00000504	0.00725	0.00123	0.00996	0.0218	0.00000504	18.3	0.0000189	0.000269
2035 Jul	55	0.0485	0.011	0.00102	12.1	0.0276	4.29	0.00102	0.00102	0.00000509	0.00732	0.00123	0.0101	0.0216	0.00000509	18.2	0.0000192	0.000268
2035 Aug	56.1	0.0495	0.0112	0.00104	12.3	0.0286	4.39	0.00104	0.00104	0.00000522	0.00747	0.00125	0.0103	0.022	0.00000522	18.5	0.0000194	0.000272
2035 Sep	53.9	0.0503	0.0105	0.00101	11.9	0.0287	4.27	0.00101	0.00101	0.00000504	0.00724	0.00121	0.0101	0.021	0.00000504	17.8	0.0000183	0.00026
2035 Oct	53.2	0.052	0.0102	0.000996	11.8	0.0289	4.25	0.000996	0.000996	0.00000498	0.0072	0.00119	0.0101	0.0206	0.00000498	17.5	0.0000179	0.000254
2035 Nov	52.4	0.0525	0.00991	0.000982	11.7	0.0288	4.21	0.000982	0.000982	0.00000491	0.00712	0.00117	0.00996	0.0202	0.00000491	17.2	0.0000176	0.00025
2035 Dec	52.4	0.0525	0.00991	0.000982	11.7	0.0289	4.21	0.000982	0.000982	0.00000491	0.00712	0.00117	0.00996	0.0202	0.00000491	17.2	0.0000176	0.00025
2036 Jan	52.4	0.0525	0.00991	0.000982	11.7	0.0289	4.21	0.000982	0.000982	0.00000491	0.00712	0.00117	0.00996	0.0202	0.00000491	17.2	0.0000176	0.00025
2036 Feb	52.4	0.0525	0.00991	0.000982	11.7	0.0289	4.21	0.000982	0.000982	0.00000491	0.00712	0.00117	0.00996	0.0202	0.00000491	17.2	0.0000176	0.00025
2036 Mar	52.4	0.0525	0.00991	0.000982	11.7	0.0289	4.21	0.000982	0.000982	0.00000491	0.00712	0.00117	0.00996	0.0202	0.00000491	17.2	0.0000176	0.00025
2036 Apr	52.6	0.0528	0.00996	0.000986	11.8	0.029	4.23	0.000986	0.000986	0.00000493	0.00715	0.00118	0.01	0.0203	0.00000493	17.3	0.0000177	0.000251
2036 May	53.6	0.0537	0.0102	0.001	12	0.0294	4.31	0.001	0.001	0.00000501	0.00727	0.0012	0.0102	0.0207	0.00000501	17.6	0.000018	0.000256
2036 Jun	51.5	0.0488	0.00988	0.000981	11.3	0.0278	4.06	0.000981	0.000981	0.0000049	0.00712	0.00115	0.0099	0.0198	0.0000049	16.8	0.0000181	0.000248
2036 Jul	50.8	0.0466	0.00973	0.000988	11.1	0.0277	3.97	0.000988	0.000988	0.00000494	0.00715	0.00114	0.00993	0.0194	0.00000494	16.5	0.0000182	0.000246
2036 Aug	52.8	0.0484	0.0101	0.00103	11.5	0.029	4.13	0.00103	0.00103	0.00000515	0.00744	0.00119	0.0104	0.0202	0.00000515	17.1	0.0000189	0.000255
2036 Sep	52.7	0.0491	0.01	0.00103	11.5	0.0293	4.14	0.00103	0.00103	0.00000515	0.00743	0.00119	0.0104	0.0201	0.00000515	17.1	0.0000187	0.000254
2036 Oct	51.8	0.0505	0.00968	0.00101	11.4	0.0294	4.11	0.00101	0.00101	0.00000506	0.00735	0.00117	0.0103	0.0197	0.00000506	16.8	0.0000183	0.000248
2036 Nov	51.6	0.0508	0.00961	0.00101	11.4	0.0294	4.1	0.00101	0.00101	0.00000504	0.00733	0.00116	0.0102	0.0196	0.00000504	16.7	0.0000182	0.000247
2036 Dec	51.5	0.0509	0.00958	0.00101	11.4	0.0294	4.1	0.00101	0.00101	0.00000503	0.00732	0.00116	0.0102	0.0195	0.00000503	16.7	0.0000182	0.000246
2037 Jan	51.5	0.0509	0.00958	0.00101	11.4	0.0294	4.1	0.00101	0.00101	0.00000503	0.00732	0.00116	0.0102	0.0195	0.00000503	16.7	0.0000182	0.000246
2037 Feb	51.5	0.0509	0.00958	0.00101	11.4	0.0294	4.1	0.00101	0.00101	0.00000503	0.00732	0.00116	0.0102	0.0195	0.00000503	16.7	0.0000182	0.000246
2037 Mar	51.6	0.0509	0.00959	0.00101	11.4	0.0294	4.1	0.00101	0.00101	0.00000504	0.00733	0.00116	0.0102	0.0196	0.00000504	16.7	0.0000182	0.000247
2037 Apr	51.7	0.051	0.00961	0.00101	11.4	0.0295	4.11	0.00101	0.00101	0.00000505	0.00735	0.00117	0.0103	0.0196	0.00000505	16.7	0.0000182	0.000247
2037 May	54	0.0522	0.0104	0.00101	12	0.029	4.3	0.00101	0.00101	0.00000506	0.00733	0.00121	0.0102	0.0209	0.00000506	17.7	0.0000184	0.000259
2037 Jun	53.9	0.0498	0.0108	0.000962	12	0.0266	4.27	0.000962	0.000962	0.00000481	0.00693	0.00119	0.00956	0.0214	0.00000481	18	0.0000179	0.000261
2037 Jul	55.4	0.0507	0.0111	0.000996	12.3	0.0275	4.38	0.000996	0.000996	0.00000498	0.00716	0.00123	0.00988	0.0219	0.00000498	18.4	0.0000185	0.000268
2037 Aug	57.2	0.0523	0.0114	0.00103	12.7	0.0286	4.53	0.00103	0.00103	0.00000516	0.0074	0.00127	0.0102	0.0226	0.00000516	19	0.0000191	0.000277
2037 Sep	58	0.0537	0.0116	0.00105	12.9	0.0293	4.61	0.00105	0.00105	0.00000524	0.00752	0.00129	0.0104	0.0229	0.00000524	19.3	0.0000193	0.00028
2037 Oct	57.1	0.0547	0.0112	0.00103	12.7	0.0293	4.56	0.00103	0.00103	0.00000517	0.00745	0.00127	0.0103	0.0225	0.00000517	19	0.0000189	0.000274
2037 Nov	57.1	0.055	0.0112	0.00103	12.8	0.0294	4.57	0.00103	0.00103	0.00000517	0.00747	0.00127	0.0103	0.0225	0.00000517	19	0.0000189	0.000274
2037 Dec	57.1	0.055	0.0112	0.00103	12.8	0.0295	4.57	0.00103	0.00103	0.00000517	0.00747	0.00127	0.0103	0.0225	0.00000517	19	0.0000189	0.000274
2038 Jan	57.1	0.055	0.0112	0.00103	12.8	0.0295	4.57	0.00103	0.00103	0.00000517	0.00747	0.00127	0.0104	0.0225	0.00000517	19	0.0000189	0.000274
2038 Feb	57.1	0.055	0.0112	0.00103	12.8	0.0295	4.57	0.00103	0.00103	0.00000517	0.00747	0.00127	0.0104	0.0225	0.00000517	19	0.0000189	0.000274
2038 Mar	57.1	0.055	0.0112	0.00103	12.8	0.0295	4.57	0.00103	0.00103	0.00000517	0.00747	0.00127	0.0104	0.0225	0.00000517	19	0.0000189	0.000274
2038 Apr	57.3	0.0552	0.0112	0.00104	12.8	0.0295	4.58	0.00104	0.00104	0.00000519	0.00749	0.00127	0.0104	0.0225	0.00000519	19	0.000019	0.000275
2038 May	58.6	0.056	0.0116	0.00105	13.1	0.0297	4.69	0.00105	0.00105	0.00000524	0.00755	0.0013	0.0104	0.0232	0.00000524	19.5	0.0000192	0.000282
2038 Jun	59.1	0.0543	0.0122	0.00101	13.3	0.0276	4.71	0.00101	0.00101	0.00000506	0.00725	0.0013	0.00994	0.0239	0.00000506	20	0.0000189	0.000287
2038 Jul	62	0.0567	0.0127	0.00107	13.9	0.0291	4.93	0.00107	0.00107	0.00000533	0.00764	0.00136	0.0105	0.025	0.00000533	20.9	0.00002	0.000301
2038 Aug	64.6	0.059	0.0132	0.00111	14.5	0.0305	5.14	0.00111	0.00111	0.00000557	0.00796	0.00142	0.011	0.026	0.00000557	21.8	0.0000207	0.000313
2038 Sep	64.7	0.0599	0.0132	0.00112	14.5	0.031	5.16	0.00112	0.00112	0.00000559	0.008	0.00142	0.0111	0.026	0.00000559	21.8	0.0000207	0.000313
2038 Oct	64.2	0.0607	0.013	0.00111	14.4	0.0311	5.14	0.00111	0.00111	0.00000556	0.00798	0.00141	0.011	0.0257	0.00000556	21.6	0.0000205	0.000309
2038 Nov	64.3	0.0609	0.013	0.00111	14.5	0.0312	5.15	0.00111	0.00111	0.00000557	0.00799	0.00141	0.0111	0.0258	0.00000557	21.6	0.0000205	0.00031
2038 Dec	64.3	0.0609	0.013	0.00111	14.5	0.0312	5.15	0.00111	0.00111	0.00000557	0.008	0.00141	0.0111	0.0258	0.00000557	21.6	0.0000205	0.00031
2039 Jan	64.3	0.0611	0.0132	0.00112	14.5	0.0312	5.17	0.00111	0.00111	0.00000557	0.008	0.00141	0.0111	0.0258	0.00000557	21.6	0.0000205	0.00031
2039 Feb	64.4	0.0613	0.0135	0.00112	14.5	0.0312	5.18	0.00111	0.00111	0.00000557	0.008	0.00141	0.0111	0.0258	0.00000557	21.6	0.0000205	0.00031
2039 Mar	64.4	0.0614	0.0137	0.00113	14.5	0.0313	5.19	0.00111	0.00111	0.00000557	0.008	0.00141	0.0111	0.0258	0.00000557	21.7	0.0000205	0.00031
2039 Apr	64.6	0.0616	0.0137	0.00113	14.6	0.0314	5.2	0.00112	0.00112	0.00000559	0.00802	0.00142	0.0112	0.0259	0.00000559	21.7	0.0000206	0.000311
2039 May	65.6	0.0629	0.0148	0.00116	14.8	0.0318	5.31	0.00113	0.00113	0.00000566	0.00813	0.00144	0.0114	0.0262	0.00000566	22	0.0000209	0.000316
2039 Jun	90.9	0.177	0.215	0.00441	23.6	0.0394	13.8	0.00104	0.00104	0.00000535	0.00809	0.00168	0.0319	0.0228	0.00000563	19.8	0.000024	0.000356
2039 Jul	92.1	0.195	0.255	0.00504	24.5	0.0407	15.2	0.00099	0.00099	0.00000513	0.00771	0.00167	0.0356	0.0204	0.00000547	17.8	0.0000233	0.000342

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Aug	104	0.241	0.328	0.00627	28.7	0.0468	18.7	0.001	0.001	0.00000523	0.00775	0.00185	0.0433	0.0208	0.00000567	18.3	0.0000234	0.000362
2039 Sep	114	0.276	0.38	0.00714	31.9	0.0507	21.2	0.00101	0.00101	0.00000533	0.00799	0.00198	0.049	0.0215	0.00000584	19	0.0000244	0.000387
2039 Oct	120	0.298	0.412	0.00766	33.8	0.0529	22.7	0.001	0.001	0.00000532	0.00807	0.00205	0.0524	0.0216	0.00000587	19.3	0.0000249	0.000398
2039 Nov	122	0.304	0.421	0.00781	34.3	0.0535	23.2	0.00101	0.00101	0.00000533	0.0081	0.00207	0.0533	0.0217	0.0000059	19.4	0.000025	0.000402
2039 Dec	122	0.305	0.422	0.00783	34.4	0.0536	23.2	0.00101	0.00101	0.00000534	0.00811	0.00208	0.0535	0.0218	0.0000059	19.4	0.0000251	0.000403
2040 Jan	122	0.305	0.422	0.00784	34.4	0.0536	23.2	0.00101	0.00101	0.00000534	0.00811	0.00208	0.0535	0.0218	0.0000059	19.4	0.0000251	0.000403
2040 Feb	122	0.306	0.423	0.00784	34.5	0.0536	23.3	0.00101	0.00101	0.00000534	0.00811	0.00208	0.0536	0.0218	0.0000059	19.4	0.0000251	0.000403
2040 Mar	122	0.306	0.423	0.00785	34.5	0.0537	23.3	0.00101	0.00101	0.00000534	0.00812	0.00208	0.0536	0.0218	0.00000591	19.4	0.0000251	0.000404
2040 Apr	122	0.307	0.424	0.00788	34.6	0.0538	23.4	0.00101	0.00101	0.00000535	0.00814	0.00209	0.0538	0.0218	0.00000592	19.5	0.0000252	0.000405
2040 May	124	0.308	0.424	0.00788	34.9	0.0539	23.5	0.00102	0.00102	0.00000541	0.00821	0.00211	0.0538	0.0226	0.00000598	20.1	0.0000254	0.000412
2040 Jun	106	0.232	0.308	0.00588	28.9	0.0434	18.2	0.000979	0.000979	0.00000511	0.00761	0.00189	0.0408	0.024	0.00000552	20.7	0.0000237	0.000387
2040 Jul	114	0.257	0.348	0.00656	31.2	0.0466	20.3	0.000998	0.000998	0.00000524	0.00787	0.002	0.0458	0.0243	0.00000571	21.1	0.000025	0.000407
2040 Aug	126	0.295	0.405	0.00752	34.8	0.0513	23.4	0.00102	0.00102	0.00000539	0.00814	0.00217	0.0527	0.0252	0.00000595	22	0.0000262	0.000437
2040 Sep	136	0.332	0.461	0.00845	38.1	0.0557	26.4	0.00102	0.00102	0.00000543	0.00829	0.00231	0.0594	0.0256	0.00000608	22.6	0.000027	0.000462
2040 Oct	139	0.343	0.476	0.0087	39	0.0571	27.2	0.00102	0.00102	0.00000545	0.00838	0.00235	0.0613	0.0257	0.00000612	22.8	0.0000273	0.000469
2040 Nov	141	0.349	0.484	0.00884	39.5	0.0577	27.7	0.00102	0.00102	0.00000547	0.00842	0.00237	0.0623	0.0258	0.00000615	22.9	0.0000275	0.000473
2040 Dec	141	0.35	0.486	0.00887	39.6	0.0578	27.7	0.00102	0.00102	0.00000547	0.00842	0.00238	0.0625	0.0258	0.00000615	22.9	0.0000276	0.000474
2041 Jan	141	0.35	0.486	0.00888	39.7	0.0579	27.8	0.00102	0.00102	0.00000547	0.00842	0.00238	0.0626	0.0259	0.00000616	22.9	0.0000276	0.000474
2041 Feb	141	0.35	0.487	0.00889	39.7	0.0579	27.8	0.00102	0.00102	0.00000547	0.00842	0.00238	0.0626	0.0259	0.00000616	22.9	0.0000276	0.000474
2041 Mar	141	0.351	0.487	0.00889	39.7	0.058	27.8	0.00102	0.00102	0.00000547	0.00843	0.00238	0.0627	0.0259	0.00000616	22.9	0.0000276	0.000475
2041 Apr	142	0.351	0.488	0.00891	39.8	0.0581	27.9	0.00102	0.00102	0.00000548	0.00845	0.00239	0.0628	0.0259	0.00000617	23	0.0000277	0.000476
2041 May	149	0.375	0.525	0.00952	42	0.0609	30	0.00103	0.00103	0.00000553	0.00859	0.0025	0.0676	0.0265	0.00000628	23.6	0.0000286	0.000497
2041 Jun	134	0.33	0.464	0.00849	37.1	0.0552	26.9	0.000987	0.000987	0.0000053	0.00827	0.00227	0.0615	0.0235	0.00000597	21	0.0000277	0.000454
2041 Jul	118	0.284	0.4	0.00741	32.3	0.0498	23.5	0.000948	0.000948	0.00000505	0.00783	0.00204	0.0543	0.021	0.00000564	18.8	0.000026	0.000408
2041 Aug	129	0.315	0.447	0.00822	35.4	0.0544	26.3	0.000982	0.000982	0.00000526	0.00819	0.0022	0.0606	0.0221	0.00000593	19.8	0.0000274	0.000439
2041 Sep	140	0.352	0.502	0.00913	38.7	0.0591	29.6	0.000985	0.000985	0.00000533	0.00839	0.00237	0.068	0.0227	0.00000609	20.6	0.0000285	0.000468
2041 Oct	146	0.372	0.532	0.00961	40.5	0.0616	31.4	0.000978	0.000978	0.00000533	0.00848	0.00245	0.0719	0.023	0.00000614	20.9	0.000029	0.000482
2041 Nov	148	0.379	0.542	0.00979	41.1	0.0625	32	0.00098	0.00098	0.00000534	0.00853	0.00248	0.0733	0.0231	0.00000617	21.1	0.0000293	0.000488
2041 Dec	149	0.381	0.544	0.00983	41.2	0.0627	32.1	0.00098	0.00098	0.00000535	0.00854	0.00249	0.0736	0.0231	0.00000618	21.1	0.0000293	0.000489
2042 Jan	149	0.381	0.545	0.00984	41.3	0.0627	32.2	0.00098	0.00098	0.00000535	0.00854	0.00249	0.0737	0.0231	0.00000618	21.1	0.0000294	0.000489
2042 Feb	149	0.381	0.545	0.00984	41.3	0.0627	32.2	0.00098	0.00098	0.00000535	0.00854	0.00249	0.0737	0.0231	0.00000618	21.1	0.0000294	0.000489
2042 Mar	149	0.382	0.546	0.00985	41.3	0.0628	32.2	0.000981	0.000981	0.00000535	0.00855	0.00249	0.0738	0.0232	0.00000618	21.1	0.0000294	0.00049
2042 Apr	150	0.384	0.549	0.00991	41.6	0.0631	32.4	0.000985	0.000985	0.00000537	0.00859	0.0025	0.0742	0.0233	0.00000621	21.2	0.0000295	0.000492
2042 May	153	0.392	0.561	0.0101	42.5	0.0644	33.2	0.001	0.001	0.00000546	0.00874	0.00256	0.076	0.0238	0.00000632	21.7	0.0000301	0.000503
2042 Jun	135	0.334	0.476	0.0087	36.8	0.0572	28.4	0.000981	0.000981	0.0000053	0.0084	0.00229	0.0657	0.0218	0.00000602	19.8	0.0000285	0.000455
2042 Jul	130	0.318	0.455	0.00835	35.1	0.056	27.6	0.00097	0.00097	0.00000523	0.00825	0.00223	0.0641	0.0209	0.00000594	19	0.000028	0.00044
2042 Aug	138	0.344	0.495	0.00899	37.4	0.0607	30.6	0.000948	0.000948	0.00000517	0.00814	0.00235	0.0708	0.021	0.00000596	19.3	0.0000277	0.000458
2042 Sep	143	0.36	0.518	0.00936	38.8	0.0637	32.4	0.000937	0.000937	0.00000514	0.00814	0.00243	0.0748	0.0211	0.00000599	19.6	0.0000276	0.000471
2042 Oct	146	0.373	0.533	0.00961	39.7	0.0654	33.6	0.000926	0.000926	0.0000051	0.00818	0.00247	0.0773	0.0211	0.00000598	19.7	0.0000278	0.000478
2042 Nov	148	0.38	0.543	0.00978	40.3	0.0663	34.3	0.000927	0.000927	0.00000512	0.00823	0.00251	0.0788	0.0213	0.00000602	19.9	0.0000281	0.000485
2042 Dec	149	0.381	0.545	0.00981	40.4	0.0665	34.4	0.000927	0.000927	0.00000512	0.00824	0.00251	0.0791	0.0213	0.00000603	19.9	0.0000281	0.000486
2043 Jan	149	0.381	0.546	0.00982	40.5	0.0665	34.4	0.000927	0.000927	0.00000512	0.00824	0.00252	0.0792	0.0213	0.00000603	19.9	0.0000281	0.000486
2043 Feb	149	0.381	0.546	0.00983	40.5	0.0665	34.4	0.000927	0.000927	0.00000512	0.00824	0.00252	0.0792	0.0213	0.00000603	19.9	0.0000281	0.000486
2043 Mar	149	0.381	0.546	0.00983	40.5	0.0665	34.4	0.000927	0.000927	0.00000512	0.00824	0.00252	0.0792	0.0213	0.00000603	19.9	0.0000281	0.000486
2043 Apr	150	0.383	0.549	0.00987	40.7	0.0668	34.6	0.000931	0.000931	0.00000514	0.00828	0.00253	0.0796	0.0214	0.00000605	20	0.0000283	0.000488
2043 May	152	0.386	0.552	0.00994	41.2	0.0674	34.9	0.000947	0.000947	0.00000523	0.0084	0.00257	0.0802	0.0221	0.00000615	20.6	0.0000287	0.000497
2043 Jun	134	0.315	0.441	0.00806	35.6	0.0571	28.7	0.000934	0.000934	0.00000506	0.00794	0.00232	0.0653	0.0234	0.00000579	21.1	0.0000268	0.000463
2043 Jul	141	0.334	0.47	0.00858	37.6	0.0608	30.9	0.000971	0.000971	0.00000528	0.0083	0.00245	0.0704	0.0242	0.00000607	21.9	0.0000282	0.000488
2043 Aug	152	0.364	0.514	0.00934	40.5	0.0659	34.1	0.001	0.001	0.00000549	0.00868	0.00264	0.0776	0.0254	0.00000637	23	0.0000298	0.000522
2043 Sep	162	0.392	0.556	0.01	43	0.0703	37.3	0.000999	0.000999	0.00000552	0.00882	0.00279	0.0847	0.0258	0.00000649	23.6	0.0000307	0.000549
2043 Oct	165	0.405	0.572	0.0103	43.9	0.0726	38.8	0.000987	0.000987	0.00000548	0.00888	0.00284	0.0879	0.0258	0.00000649	23.7	0.000031	0.000557
2043 Nov	165	0.405	0.569	0.0102	43.7	0.0729	38.7	0.00098	0.00098	0.00000544	0.00888	0.00283	0.0878	0.0256	0.00000646	23.6	0.0000308	0.000554
2043 Dec	165	0.405	0.569	0.0102	43.7	0.0729	38.8	0.00098	0.00098	0.00000544	0.00889	0.00283	0.0879	0.0256	0.00000646	23.6	0.0000308	0.000554
2044 Jan	165	0.406	0.57	0.0102	43.7	0.0729	38.8	0.00098	0.00098	0.00000545	0.00889	0.00283	0.0879	0.0256	0.00000646	23.6	0.0000308	0.000554
2044 Feb	165	0.406	0.57	0.0102	43.7	0.073	38.8	0.000981	0.000981	0.00000545	0.00889	0.00284	0.0879	0.0256	0.00000646	23.6	0.0000308	0.000555
2044 Mar	165	0.406	0.57	0.0103	43.8	0.073	38.8	0.000982	0.000982	0.00000545	0.0089	0.00284	0.088	0.0256	0.00000647	23.6	0.0000308	0.000555
2044 Apr	165	0.407	0.571	0.0103	43.9	0.0732	38.9	0.000983	0.000983	0.00000546	0.00892	0.00284	0.0882	0.0257	0.00000648	23.7	0.0000309	0.000556
2044 May	168	0.412	0.579	0.0104	44.4	0.0741	39.4	0.000997	0.000997	0.00000554	0.00904	0.00288	0.0893	0.026	0.00000657	24	0.0000313	0.000564
2044 Jun	138	0.323	0.452	0.00826	35.9	0.0612	31.4	0.000949	0.000949	0.00000518	0.00832	0.00243	0.0717	0.023	0.00000599	21	0.0000284	0.000482
2044 Jul	138	0.318	0.445	0.00817	35.4	0.0612	31.2	0.000971	0.000971	0.00000529	0.00849	0.00243	0.0715	0.0229	0.00000609	20.9	0.000029	0.000483
2044 Aug	147	0.34	0.477	0.00874	37.8	0.0656	33.6	0.00102	0.00102	0.00000558	0.00896	0.00259	0.077	0.0242	0.00000645	22.2	0.0000306	0.000514
2044 Sep	147	0.342	0.478	0.00875	37.8	0.0669	34.2	0.001	0.001	0.00000548	0.00882	0.0026	0.0784	0.0238	0.00000637	22	0.00003	0.000513
2044 Oct	149	0.35	0.486	0.00887	38.3	0.0683	35.2	0.000989	0.000989	0.00000543	0.00884	0.00263	0.0805	0.0238	0.00000635	22	0.00003	0.000517
2044 Nov	150	0.352	0.489	0.00893	38.5	0.0689	35.5	0.000988	0.000988	0.00000544	0.00887	0.00265	0.0812	0.0238	0.00000636	22.1	0.0000301	0.00052
2044 Dec	150	0.353	0.491	0.00895	38.6	0.069	35.6	0.000988	0.000988	0.00000544	0.00887	0.00265	0.0814	0.0238	0.00000636	22.1	0.0000302	0.000521
2045 Jan	150	0.353	0.491	0.00896	38.6	0.069	35.6	0.000988	0.000988	0.00000544	0.00887	0.00265	0.0815	0.0238	0.00000636	22.1	0.0000302	0.000521
2045 Feb	150	0.353	0.491	0.00896	38.6	0.069	35.6	0.000988	0.000988	0.00000544	0.00887	0.00265	0.0815	0.0238	0.00000636	22.1	0.0000302	0.000521
2045 Mar	150	0.354	0.491	0.00896	38.6	0.0691	35.6	0.000989	0.000989	0.00000544	0.00888	0.00266	0.0815	0.0239	0.00000637	22.1	0.0000302	0.000521

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Apr	151	0.354	0.492	0.00898	38.7	0.0692	35.7	0.000991	0.000991	0.00000545	0.00889	0.00266	0.0817	0.0239	0.00000638	22.2	0.0000302	0.000522
2045 May	153	0.359	0.498	0.00909	39.1	0.0701	36.2	0.001	0.001	0.00000552	0.00901	0.00269	0.0827	0.0242	0.00000646	22.4	0.0000306	0.000529
2045 Jun	153	0.354	0.501	0.0091	38.2	0.0705	38	0.000958	0.000958	0.00000533	0.00887	0.00272	0.0873	0.0229	0.00000634	21.4	0.0000314	0.000534
2045 Jul	150	0.341	0.484	0.00883	37	0.0695	37.3	0.000971	0.000971	0.00000539	0.00893	0.00268	0.0859	0.0224	0.00000637	21	0.0000317	0.000527
2045 Aug	156	0.356	0.505	0.0092	38.5	0.0727	39.1	0.001	0.001	0.00000556	0.00921	0.0028	0.0901	0.0232	0.0000066	21.8	0.0000326	0.000548
2045 Sep	159	0.363	0.514	0.00936	39.1	0.0745	40.1	0.001	0.001	0.00000558	0.00927	0.00285	0.0924	0.0234	0.00000664	22	0.0000328	0.000557
2045 Oct	163	0.373	0.529	0.0096	40	0.0763	41.5	0.001	0.001	0.0000056	0.00936	0.00292	0.0954	0.0237	0.00000671	22.3	0.0000333	0.000569
2045 Nov	164	0.376	0.533	0.00967	40.3	0.0768	41.9	0.001	0.001	0.00000561	0.00939	0.00293	0.0962	0.0238	0.00000673	22.4	0.0000335	0.000573
2045 Dec	164	0.377	0.535	0.0097	40.4	0.077	42	0.001	0.001	0.00000562	0.0094	0.00294	0.0965	0.0238	0.00000674	22.5	0.0000336	0.000574
2046 Jan	164	0.377	0.535	0.00971	40.4	0.0771	42	0.001	0.001	0.00000562	0.0094	0.00294	0.0966	0.0238	0.00000674	22.5	0.0000336	0.000574
2046 Feb	164	0.377	0.535	0.00971	40.4	0.0771	42	0.001	0.001	0.00000562	0.0094	0.00294	0.0966	0.0238	0.00000674	22.5	0.0000336	0.000575
2046 Mar	164	0.377	0.535	0.00972	40.4	0.0771	42.1	0.001	0.001	0.00000562	0.00941	0.00295	0.0967	0.0238	0.00000675	22.5	0.0000336	0.000575
2046 Apr	165	0.379	0.538	0.00976	40.6	0.0775	42.3	0.00101	0.00101	0.00000565	0.00945	0.00296	0.0971	0.0239	0.00000677	22.6	0.0000337	0.000578
2046 May	168	0.384	0.546	0.0099	41.2	0.0786	42.9	0.00102	0.00102	0.00000572	0.00958	0.00301	0.0986	0.0243	0.00000687	23	0.0000342	0.000587
2046 Jun	146	0.321	0.457	0.00839	35	0.0687	37	0.000971	0.000971	0.00000538	0.00894	0.00265	0.0855	0.0218	0.00000637	20.5	0.0000319	0.000523
2046 Jul	126	0.268	0.38	0.00711	29.9	0.0604	31.2	0.000949	0.000949	0.00000518	0.00845	0.00234	0.0729	0.0197	0.00000601	18.4	0.0000295	0.000462
2046 Aug	133	0.281	0.4	0.00746	31.3	0.0638	33.1	0.000977	0.000977	0.00000535	0.00873	0.00246	0.0773	0.0205	0.00000623	19.2	0.0000305	0.000484
2046 Sep	136	0.292	0.413	0.00765	32.1	0.0665	34.9	0.000957	0.000957	0.00000528	0.00867	0.00253	0.0812	0.0206	0.00000621	19.4	0.0000303	0.000495
2046 Oct	140	0.302	0.424	0.00783	32.8	0.0688	36.5	0.00094	0.00094	0.00000522	0.00869	0.00259	0.0845	0.0207	0.00000619	19.6	0.0000305	0.000505
2046 Nov	143	0.31	0.435	0.00801	33.5	0.0703	37.7	0.000936	0.000936	0.00000522	0.00874	0.00265	0.0872	0.0209	0.00000623	19.9	0.0000308	0.000515
2046 Dec	144	0.311	0.438	0.00805	33.6	0.0706	37.9	0.000936	0.000936	0.00000522	0.00875	0.00266	0.0877	0.0209	0.00000624	19.9	0.0000309	0.000517
2047 Jan	144	0.311	0.438	0.00806	33.6	0.0707	38	0.000936	0.000936	0.00000522	0.00876	0.00266	0.0877	0.0209	0.00000624	19.9	0.0000309	0.000517
2047 Feb	144	0.311	0.438	0.00806	33.6	0.0707	38	0.000936	0.000936	0.00000522	0.00876	0.00266	0.0878	0.0209	0.00000624	19.9	0.0000309	0.000517
2047 Mar	144	0.312	0.439	0.00807	33.7	0.0708	38	0.000937	0.000937	0.00000523	0.00877	0.00266	0.0879	0.021	0.00000625	20	0.000031	0.000518
2047 Apr	144	0.313	0.44	0.00809	33.7	0.0709	38.1	0.000939	0.000939	0.00000524	0.00879	0.00267	0.0881	0.021	0.00000626	20	0.0000311	0.000519
2047 May	146	0.313	0.439	0.00808	34.1	0.0711	38.4	0.000944	0.000944	0.00000527	0.00882	0.00271	0.0885	0.0218	0.00000629	20.6	0.0000313	0.000528
2047 Jun	136	0.271	0.373	0.00692	31.3	0.0628	34	0.000917	0.000917	0.00000506	0.00829	0.00254	0.0771	0.0239	0.00000594	21.8	0.0000295	0.000509
2047 Jul	141	0.281	0.387	0.0072	32.4	0.0656	35.5	0.000959	0.000959	0.00000529	0.00866	0.00265	0.0807	0.0247	0.00000621	22.6	0.0000308	0.00053
2047 Aug	149	0.297	0.409	0.00759	34.1	0.0696	37.8	0.000995	0.000995	0.0000055	0.00902	0.0028	0.0859	0.0257	0.00000649	23.6	0.0000321	0.000558
2047 Sep	152	0.304	0.419	0.00774	34.6	0.0719	39.3	0.00098	0.00098	0.00000545	0.009	0.00286	0.0893	0.0256	0.00000649	23.7	0.0000321	0.000566
2047 Oct	155	0.313	0.429	0.0079	35.1	0.0742	41	0.000958	0.000958	0.00000537	0.009	0.00291	0.0929	0.0255	0.00000645	23.7	0.0000322	0.000574
2047 Nov	156	0.317	0.435	0.00798	35.4	0.0752	41.7	0.000954	0.000954	0.00000536	0.00902	0.00294	0.0944	0.0255	0.00000646	23.8	0.0000324	0.000579
2047 Dec	157	0.318	0.436	0.00801	35.5	0.0754	41.9	0.000954	0.000954	0.00000536	0.00903	0.00295	0.0949	0.0256	0.00000647	23.8	0.0000325	0.000581
2048 Jan	157	0.319	0.437	0.00802	35.5	0.0755	41.9	0.000954	0.000954	0.00000536	0.00904	0.00295	0.095	0.0256	0.00000647	23.8	0.0000325	0.000581
2048 Feb	157	0.319	0.437	0.00802	35.5	0.0755	41.9	0.000954	0.000954	0.00000536	0.00904	0.00295	0.095	0.0256	0.00000647	23.8	0.0000325	0.000582
2048 Mar	157	0.319	0.437	0.00803	35.5	0.0755	41.9	0.000954	0.000954	0.00000536	0.00904	0.00295	0.095	0.0256	0.00000647	23.8	0.0000325	0.000582
2048 Apr	157	0.32	0.438	0.00805	35.6	0.0758	42.1	0.000957	0.000957	0.00000538	0.00907	0.00296	0.0953	0.0257	0.00000649	23.9	0.0000326	0.000583
2048 May	160	0.324	0.445	0.00816	36.2	0.0768	42.7	0.000971	0.000971	0.00000546	0.0092	0.00301	0.0967	0.026	0.00000659	24.2	0.0000331	0.000592
2048 Jun	134	0.261	0.357	0.0067	29.9	0.0648	34.5	0.000942	0.000942	0.0000052	0.0086	0.00255	0.0792	0.0227	0.0000061	21	0.0000302	0.000507
2048 Jul	117	0.218	0.298	0.00573	25.7	0.0575	29.2	0.000937	0.000937	0.00000509	0.00826	0.00227	0.0678	0.0206	0.00000585	18.9	0.0000284	0.000452
2048 Aug	122	0.229	0.313	0.00599	26.8	0.0612	31.4	0.000949	0.000949	0.00000519	0.00839	0.00238	0.0727	0.0211	0.00000601	19.5	0.0000289	0.000471
2048 Sep	128	0.241	0.331	0.00628	27.8	0.0648	33.9	0.000942	0.000942	0.00000519	0.00847	0.0025	0.0782	0.0214	0.00000608	20	0.0000294	0.000491
2048 Oct	132	0.25	0.342	0.00645	28.4	0.067	35.5	0.000929	0.000929	0.00000515	0.0085	0.00256	0.0817	0.0216	0.00000609	20.2	0.0000297	0.000502
2048 Nov	133	0.253	0.345	0.00651	28.7	0.0679	36	0.000928	0.000928	0.00000515	0.00854	0.00259	0.0829	0.0216	0.0000061	20.3	0.0000298	0.000506
2048 Dec	133	0.253	0.346	0.00652	28.7	0.0679	36.1	0.000928	0.000928	0.00000515	0.00854	0.00259	0.083	0.0217	0.00000611	20.4	0.0000299	0.000507
2049 Jan	133	0.253	0.346	0.00652	28.7	0.068	36.1	0.000928	0.000928	0.00000515	0.00855	0.00259	0.083	0.0217	0.00000611	20.4	0.0000299	0.000507
2049 Feb	133	0.253	0.346	0.00652	28.7	0.068	36.1	0.000928	0.000928	0.00000515	0.00855	0.00259	0.083	0.0217	0.00000611	20.4	0.0000299	0.000507
2049 Mar	133	0.254	0.346	0.00652	28.7	0.068	36.1	0.000929	0.000929	0.00000516	0.00855	0.00259	0.0831	0.0217	0.00000611	20.4	0.0000299	0.000507
2049 Apr	134	0.254	0.347	0.00654	28.8	0.0682	36.3	0.000932	0.000932	0.00000517	0.00858	0.0026	0.0834	0.0218	0.00000613	20.4	0.00003	0.000509
2049 May	136	0.258	0.351	0.00662	29.2	0.0691	36.7	0.000944	0.000944	0.00000524	0.00869	0.00264	0.0844	0.0221	0.00000621	20.7	0.0000304	0.000516
2049 Jun	113	0.202	0.274	0.00533	23.9	0.0574	29.1	0.000917	0.000917	0.00000499	0.00812	0.00222	0.0677	0.0195	0.00000575	18.2	0.0000278	0.000442
2049 Jul	107	0.187	0.255	0.005	22.4	0.0552	27.5	0.00092	0.00092	0.00000498	0.00805	0.00214	0.0644	0.0188	0.0000057	17.5	0.0000274	0.000425
2049 Aug	115	0.2	0.274	0.00536	23.9	0.0593	29.8	0.000963	0.000963	0.00000523	0.00847	0.00229	0.0698	0.0199	0.00000602	18.5	0.000029	0.000453
2049 Sep	119	0.209	0.283	0.0055	24.5	0.062	31.6	0.000951	0.000951	0.0000052	0.00848	0.00237	0.0736	0.0201	0.00000603	18.8	0.0000291	0.000465
2049 Oct	121	0.215	0.289	0.00559	24.9	0.0639	32.9	0.000934	0.000934	0.00000514	0.00849	0.00242	0.0763	0.0202	0.000006	19	0.0000291	0.000473
2049 Nov	124	0.222	0.299	0.00575	25.5	0.0658	34.3	0.00093	0.00093	0.00000514	0.00855	0.00248	0.0795	0.0204	0.00000604	19.2	0.0000296	0.000485
2049 Dec	125	0.223	0.3	0.00578	25.6	0.066	34.5	0.00093	0.00093	0.00000514	0.00856	0.00249	0.0799	0.0204	0.00000605	19.3	0.0000296	0.000487
2050 Jan	125	0.223	0.301	0.00578	25.6	0.066	34.5	0.00093	0.00093	0.00000514	0.00856	0.00249	0.0799	0.0204	0.00000605	19.3	0.0000296	0.000487
2050 Feb	125	0.223	0.301	0.00578	25.6	0.0661	34.5	0.00093	0.00093	0.00000514	0.00856	0.00249	0.08	0.0204	0.00000605	19.3	0.0000296	0.000487
2050 Mar	125	0.223	0.301	0.00578	25.6	0.0661	34.5	0.00093	0.00093	0.00000514	0.00856	0.00249	0.08	0.0204	0.00000605	19.3	0.0000297	0.000487
2050 Apr	125	0.224	0.301	0.00579	25.7	0.0662	34.6	0.000932	0.000932	0.00000515	0.00858	0.0025	0.0802	0.0205	0.00000607	19.3	0.0000297	0.000488
2050 May	127	0.226	0.305	0.00586	26	0.0669	35	0.000943	0.000943	0.00000521	0.00868	0.00253	0.081	0.0207	0.00000614	19.6	0.0000301	0.000494
2050 Jun	110	0.186	0.247	0.00488	22.4	0.0573	28.8	0.000929	0.000929	0.00000504	0.00823	0.00222	0.067	0.0196	0.00000579	18.2	0.000028	0.00044
2050 Jul	101	0.164	0.219	0.00441	20.3	0.0534	26	0.000915	0.000915	0.00000493	0.00793	0.00206	0.061	0.0184	0.00000561	17	0.0000267	0.000408
2050 Aug	106	0.172	0.231	0.00463	21.2	0.0565	27.7	0.00094	0.00094	0.00000508	0.00816	0.00217	0.0649	0.019	0.00000581	17.6	0.0000275	0.000426
2050 Sep	109	0.179	0.238	0.00475	21.7	0.0586	29.1	0.000938	0.000938	0.00000509	0.00822	0.00223	0.068	0.0193	0.00000586	18	0.0000278	0.000438
2050 Oct	112	0.184	0.246	0.00488	22.2	0.0603	30.3	0.000941	0.000941	0.00000513	0.00832	0.00229	0.0705	0.0196	0.00000592	18.3	0.0000282	0.000449
2050 Nov	114	0.188	0.251	0.00496	22.5	0.0613	31	0.000942	0.000942	0.00000514	0.00837	0.00233	0.0721	0.0197	0.00000596	18.4	0.0000285	0.000455

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Dec	114	0.188	0.251	0.00498	22.5	0.0614	31.1	0.000942	0.000942	0.00000515	0.00838	0.00233	0.0724	0.0198	0.00000596	18.5	0.0000286	0.000456
2051 Jan	114	0.188	0.252	0.00498	22.6	0.0615	31.1	0.000942	0.000942	0.00000515	0.00838	0.00234	0.0725	0.0198	0.00000596	18.5	0.0000286	0.000457
2051 Feb	114	0.188	0.252	0.00498	22.6	0.0615	31.2	0.000942	0.000942	0.00000515	0.00838	0.00234	0.0725	0.0198	0.00000597	18.5	0.0000286	0.000457
2051 Mar	114	0.188	0.252	0.00498	22.6	0.0615	31.2	0.000942	0.000942	0.00000515	0.00838	0.00234	0.0725	0.0198	0.00000597	18.5	0.0000286	0.000457
2051 Apr	115	0.189	0.253	0.005	22.7	0.0617	31.3	0.000945	0.000945	0.00000517	0.00841	0.00235	0.0728	0.0199	0.00000599	18.6	0.0000287	0.000459
2051 May	119	0.195	0.262	0.00516	23.4	0.0637	32.8	0.000953	0.000953	0.00000523	0.00855	0.00243	0.0761	0.0205	0.00000609	19.2	0.0000295	0.000476
2051 Jun	111	0.167	0.222	0.00442	21.1	0.0568	30	0.00089	0.00089	0.00000487	0.00794	0.00228	0.0691	0.0207	0.00000566	19	0.0000281	0.000456
2051 Jul	108	0.16	0.213	0.00429	20.4	0.0559	29.2	0.000902	0.000902	0.00000492	0.00798	0.00224	0.0675	0.0203	0.00000568	18.6	0.0000281	0.000448
2051 Aug	110	0.163	0.217	0.00437	20.8	0.0581	30.1	0.000914	0.000914	0.00000499	0.00804	0.0023	0.0695	0.0206	0.00000578	18.9	0.000028	0.000455
2051 Sep	110	0.165	0.215	0.00432	20.7	0.059	30.3	0.000902	0.000902	0.00000493	0.00799	0.00229	0.0699	0.0204	0.00000572	18.9	0.0000275	0.000452
2051 Oct	108	0.166	0.207	0.00417	20.3	0.0593	29.9	0.000872	0.000872	0.00000478	0.00788	0.00225	0.0688	0.0199	0.00000556	18.5	0.0000264	0.000439
2051 Nov	109	0.169	0.21	0.00422	20.5	0.0602	30.6	0.000871	0.000871	0.00000478	0.00792	0.00227	0.0702	0.02	0.00000558	18.6	0.0000266	0.000444
2051 Dec	110	0.169	0.211	0.00424	20.6	0.0605	30.8	0.00087	0.00087	0.00000478	0.00793	0.00228	0.0706	0.02	0.00000558	18.7	0.0000267	0.000446
2052 Jan	110	0.169	0.211	0.00424	20.6	0.0605	30.8	0.00087	0.00087	0.00000478	0.00793	0.00228	0.0706	0.02	0.00000558	18.7	0.0000267	0.000446
2052 Feb	110	0.169	0.211	0.00424	20.6	0.0605	30.8	0.00087	0.00087	0.00000478	0.00793	0.00228	0.0706	0.02	0.00000558	18.7	0.0000267	0.000446
2052 Mar	110	0.17	0.211	0.00424	20.6	0.0606	30.8	0.000871	0.000871	0.00000479	0.00794	0.00229	0.0707	0.02	0.00000559	18.7	0.0000267	0.000447
2052 Apr	110	0.17	0.212	0.00425	20.6	0.0607	30.9	0.000873	0.000873	0.0000048	0.00795	0.00229	0.0708	0.0201	0.0000056	18.7	0.0000268	0.000447
2052 May	111	0.169	0.21	0.00422	20.9	0.0604	30.7	0.000883	0.000883	0.00000484	0.00799	0.0023	0.0702	0.0208	0.00000564	19.3	0.0000269	0.000452
2052 Jun	105	0.152	0.183	0.00378	20	0.0548	27.4	0.000891	0.000891	0.00000483	0.00781	0.00219	0.0623	0.022	0.00000552	19.9	0.0000262	0.00044
2052 Jul	106	0.151	0.184	0.00381	20	0.0564	28	0.000904	0.000904	0.0000049	0.00784	0.00223	0.0638	0.0219	0.00000562	19.9	0.0000261	0.000441
2052 Aug	109	0.155	0.19	0.00392	20.5	0.0588	29.2	0.000921	0.000921	0.000005	0.00797	0.0023	0.0665	0.0223	0.00000575	20.3	0.0000265	0.000452
2052 Sep	111	0.159	0.193	0.00397	20.7	0.0604	30.1	0.000917	0.000917	0.000005	0.00799	0.00234	0.0686	0.0223	0.00000577	20.4	0.0000265	0.000458
2052 Oct	114	0.165	0.201	0.00409	21.1	0.0625	31.7	0.000911	0.000911	0.00000499	0.00807	0.00241	0.0719	0.0225	0.00000581	20.6	0.0000269	0.00047
2052 Nov	115	0.166	0.203	0.00413	21.3	0.0632	32.1	0.000912	0.000912	0.00000501	0.0081	0.00243	0.073	0.0226	0.00000583	20.7	0.0000271	0.000474
2052 Dec	116	0.167	0.204	0.00415	21.3	0.0634	32.3	0.000912	0.000912	0.00000501	0.00811	0.00244	0.0735	0.0226	0.00000584	20.8	0.0000272	0.000476
2053 Jan	116	0.167	0.205	0.00416	21.3	0.0635	32.4	0.000912	0.000912	0.00000501	0.00812	0.00245	0.0736	0.0226	0.00000584	20.8	0.0000272	0.000477
2053 Feb	116	0.167	0.205	0.00416	21.3	0.0636	32.4	0.000912	0.000912	0.00000501	0.00812	0.00245	0.0736	0.0226	0.00000585	20.8	0.0000272	0.000477
2053 Mar	116	0.168	0.205	0.00416	21.4	0.0636	32.5	0.000913	0.000913	0.00000501	0.00813	0.00245	0.0737	0.0227	0.00000585	20.8	0.0000273	0.000478
2053 Apr	116	0.168	0.206	0.00418	21.5	0.0639	32.6	0.000917	0.000917	0.00000503	0.00816	0.00246	0.074	0.0228	0.00000588	20.9	0.0000274	0.000479
2053 May	125	0.176	0.216	0.00433	22.6	0.0666	35.5	0.00091	0.00091	0.00000504	0.00825	0.00263	0.0799	0.0246	0.00000597	22.5	0.0000286	0.000516
2053 Jun	117	0.155	0.186	0.00377	21.5	0.0589	31.8	0.000876	0.000876	0.00000481	0.00774	0.00248	0.0705	0.0259	0.00000562	23.2	0.0000272	0.000499
2053 Jul	121	0.159	0.192	0.0039	22	0.0611	33	0.000904	0.000904	0.00000497	0.00801	0.00256	0.0735	0.0264	0.00000581	23.7	0.0000282	0.000514
2053 Aug	129	0.17	0.207	0.00418	23.2	0.066	36.1	0.000933	0.000933	0.00000516	0.00836	0.00274	0.0804	0.0275	0.00000609	24.8	0.0000297	0.000548
2053 Sep	141	0.186	0.231	0.00458	24.8	0.0725	40.9	0.000943	0.000943	0.00000528	0.0087	0.00298	0.0911	0.0286	0.00000635	26	0.0000316	0.000593
2053 Oct	147	0.196	0.245	0.00481	25.5	0.0761	43.7	0.000938	0.000938	0.0000053	0.00883	0.00311	0.0974	0.029	0.00000645	26.5	0.0000326	0.000617
2053 Nov	148	0.197	0.246	0.00483	25.6	0.0766	44	0.000936	0.000936	0.0000053	0.00885	0.00312	0.0981	0.029	0.00000646	26.5	0.0000327	0.000619
2053 Dec	148	0.197	0.247	0.00484	25.6	0.0767	44.2	0.000936	0.000936	0.0000053	0.00885	0.00313	0.0984	0.0291	0.00000646	26.5	0.0000328	0.00062
2054 Jan	148	0.197	0.247	0.00484	25.6	0.0768	44.2	0.000936	0.000936	0.0000053	0.00885	0.00313	0.0985	0.0291	0.00000646	26.5	0.0000328	0.00062
2054 Feb	148	0.197	0.247	0.00484	25.6	0.0768	44.2	0.000936	0.000936	0.0000053	0.00886	0.00313	0.0985	0.0291	0.00000646	26.5	0.0000328	0.00062
2054 Mar	148	0.197	0.247	0.00484	25.6	0.0768	44.2	0.000936	0.000936	0.0000053	0.00886	0.00313	0.0985	0.0291	0.00000646	26.5	0.0000328	0.00062
2054 Apr	148	0.198	0.248	0.00486	25.7	0.0771	44.4	0.000939	0.000939	0.00000532	0.00889	0.00314	0.0989	0.0292	0.00000648	26.6	0.0000329	0.000622
2054 May	149	0.198	0.248	0.00486	26	0.0771	44.4	0.00095	0.00095	0.00000537	0.00895	0.00316	0.0987	0.0297	0.00000654	27.1	0.0000331	0.000627
2054 Jun	129	0.162	0.196	0.00397	22.8	0.0639	35.8	0.000916	0.000916	0.00000507	0.00823	0.00273	0.0793	0.0282	0.00000598	25.2	0.0000298	0.000552
2054 Jul	123	0.152	0.185	0.00379	21.6	0.0621	34.2	0.000913	0.000913	0.00000503	0.0081	0.00263	0.0761	0.0269	0.00000591	24	0.0000291	0.000528
2054 Aug	125	0.154	0.188	0.00385	21.8	0.0642	35.1	0.000921	0.000921	0.00000509	0.00815	0.00268	0.0784	0.0269	0.00000599	24.2	0.000029	0.000535
2054 Sep	126	0.156	0.19	0.00388	21.9	0.0657	35.8	0.000923	0.000923	0.00000511	0.00818	0.00271	0.08	0.0268	0.00000603	24.2	0.000029	0.000539
2054 Oct	125	0.157	0.188	0.00385	21.7	0.0659	35.7	0.000914	0.000914	0.00000506	0.00817	0.00269	0.0799	0.0265	0.00000598	24	0.0000287	0.000534
2054 Nov	125	0.157	0.187	0.00384	21.6	0.066	35.7	0.000911	0.000911	0.00000505	0.00816	0.00268	0.0798	0.0264	0.00000597	23.9	0.0000286	0.000533
2054 Dec	126	0.158	0.188	0.00385	21.7	0.0664	36	0.00091	0.00091	0.00000505	0.00817	0.00269	0.0805	0.0264	0.00000598	23.9	0.0000287	0.000535
2055 Jan	126	0.158	0.189	0.00386	21.7	0.0664	36	0.00091	0.00091	0.00000505	0.00818	0.0027	0.0805	0.0264	0.00000598	23.9	0.0000287	0.000535
2055 Feb	126	0.158	0.189	0.00386	21.7	0.0664	36	0.00091	0.00091	0.00000505	0.00818	0.0027	0.0805	0.0264	0.00000598	23.9	0.0000287	0.000535
2055 Mar	126	0.158	0.189	0.00386	21.7	0.0664	36.1	0.00091	0.00091	0.00000505	0.00818	0.0027	0.0806	0.0264	0.00000598	23.9	0.0000287	0.000536
2055 Apr	126	0.158	0.189	0.00387	21.8	0.0666	36.2	0.000913	0.000913	0.00000506	0.0082	0.0027	0.0808	0.0265	0.000006	24	0.0000288	0.000537
2055 May	128	0.16	0.192	0.00392	22	0.0674	36.6	0.000923	0.000923	0.00000512	0.0083	0.00274	0.0818	0.0268	0.00000607	24.3	0.0000292	0.000544
2055 Jun	108	0.128	0.155	0.0033	18.3	0.0577	30.3	0.000895	0.000895	0.00000489	0.00787	0.00234	0.0688	0.0228	0.00000567	20.7	0.0000274	0.00047
2055 Jul	101	0.116	0.14	0.00307	17	0.0543	27.6	0.000906	0.000906	0.00000491	0.00782	0.0022	0.0632	0.0216	0.00000562	19.6	0.0000268	0.000442
2055 Aug	105	0.12	0.145	0.00318	17.6	0.0568	28.8	0.000936	0.000936	0.00000507	0.00806	0.00229	0.066	0.0223	0.00000581	20.2	0.0000276	0.000458
2055 Sep	106	0.122	0.147	0.00321	17.7	0.0582	29.5	0.000934	0.000934	0.00000508	0.00807	0.00232	0.0676	0.0223	0.00000583	20.3	0.0000275	0.000462
2055 Oct	108	0.125	0.15	0.00326	17.9	0.0594	30.3	0.000935	0.000935	0.00000509	0.00814	0.00236	0.0694	0.0225	0.00000587	20.5	0.0000278	0.000469
2055 Nov	109	0.127	0.152	0.0033	18	0.0602	30.9	0.000934	0.000934	0.0000051	0.00817	0.00239	0.0707	0.0226	0.00000589	20.6	0.000028	0.000474
2055 Dec	110	0.127	0.153	0.00331	18.1	0.0605	31.2	0.000933	0.000933	0.0000051	0.00817	0.0024	0.0713	0.0226	0.0000059	20.6	0.000028	0.000477
2056 Jan	110	0.127	0.153	0.00331	18.1	0.0606	31.2	0.000933	0.000933	0.0000051	0.00818	0.0024	0.0713	0.0226	0.0000059	20.7	0.000028	0.000477
2056 Feb	110	0.127	0.153	0.00331	18.1	0.0606	31.2	0.000933	0.000933	0.0000051	0.00818	0.0024	0.0714	0.0226	0.0000059	20.7	0.0000281	0.000477
2056 Mar	110	0.128	0.153	0.00332	18.1	0.0606	31.2	0.000934	0.000934	0.0000051	0.00818	0.0024	0.0714	0.0226	0.00000591	20.7	0.0000281	0.000477
2056 Apr	110	0.128	0.154	0.00333	18.2	0.0608	31.3	0.000936	0.000936	0.00000512	0.00821	0.00241	0.0716	0.0227	0.00000592	20.7	0.0000282	0.000479
2056 May	110	0.127	0.149	0.00326	18.4	0.0596	30.6	0.000947	0.000947	0.00000515	0.00821	0.00241	0.0696	0.0237	0.00000594	21.5	0.0000281	0.000482
2056 Jun	100	0.108	0.119	0.00271	17.6	0.0499	24.9	0.000918	0.000918	0.00000492	0.00763	0.00217	0.0557	0.0249	0.00000552	21.9	0.0000258	0.000447
2056 Jul	104	0.111	0.124	0.00281	18.1	0.0523	26.2	0.000951	0.000951	0.0000051	0.00791	0.00226	0.0586	0.0255	0.00000574	22.5	0.0000268	0.000463

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Aug	107	0.114	0.128	0.00289	18.4	0.0548	27.4	0.000968	0.000968	0.0000052	0.00804	0.00233	0.0615	0.0259	0.00000588	22.9	0.0000271	0.000475
2056 Sep	111	0.119	0.133	0.003	18.9	0.0574	29	0.00098	0.00098	0.00000529	0.00822	0.00242	0.0651	0.0264	0.00000601	23.4	0.0000279	0.000491
2056 Oct	112	0.122	0.136	0.00302	18.9	0.059	30.1	0.000962	0.000962	0.00000522	0.00821	0.00245	0.0675	0.0261	0.00000597	23.2	0.0000279	0.000494
2056 Nov	113	0.124	0.137	0.00305	18.9	0.0597	30.6	0.000959	0.000959	0.00000521	0.00823	0.00247	0.0687	0.026	0.00000598	23.3	0.000028	0.000498
2056 Dec	114	0.124	0.138	0.00306	19	0.0599	30.8	0.000958	0.000958	0.00000521	0.00824	0.00248	0.0691	0.0261	0.00000598	23.3	0.0000281	0.000499
2057 Jan	114	0.124	0.138	0.00306	19	0.0599	30.8	0.000958	0.000958	0.00000521	0.00824	0.00248	0.0691	0.0261	0.00000598	23.3	0.0000281	0.000499
2057 Feb	114	0.124	0.138	0.00306	19	0.0599	30.8	0.000959	0.000959	0.00000521	0.00824	0.00248	0.0691	0.0261	0.00000598	23.3	0.0000281	0.000499
2057 Mar	114	0.124	0.138	0.00306	19	0.06	30.9	0.000959	0.000959	0.00000521	0.00824	0.00248	0.0692	0.0261	0.00000599	23.3	0.0000281	0.0005
2057 Apr	114	0.125	0.139	0.00307	19	0.0602	31	0.000963	0.000963	0.00000523	0.00827	0.00249	0.0694	0.0262	0.00000601	23.4	0.0000282	0.000501
2057 May	115	0.126	0.139	0.00309	19.3	0.0606	31.2	0.000976	0.000976	0.0000053	0.00837	0.00252	0.0698	0.0267	0.00000608	23.9	0.0000285	0.000508
2057 Jun	99	0.101	0.108	0.00254	17	0.0499	24.5	0.000941	0.000941	0.00000502	0.00778	0.00216	0.0549	0.0249	0.00000562	21.9	0.0000261	0.000446
2057 Jul	99.6	0.101	0.108	0.00256	16.9	0.0507	24.8	0.00096	0.00096	0.00000513	0.00794	0.00218	0.0558	0.0249	0.00000573	21.9	0.0000266	0.000449
2057 Aug	107	0.108	0.117	0.00275	18	0.0549	27.1	0.00101	0.00101	0.00000542	0.00842	0.00235	0.0611	0.0263	0.00000609	23.3	0.0000284	0.000482
2057 Sep	113	0.114	0.125	0.0029	18.6	0.0587	29.8	0.00102	0.00102	0.00000549	0.00862	0.00249	0.0671	0.0269	0.00000624	23.9	0.0000294	0.000507
2057 Oct	117	0.119	0.132	0.003	18.8	0.0616	32.1	0.001	0.001	0.00000545	0.00867	0.00258	0.0722	0.027	0.00000626	24.1	0.00003	0.000523
2057 Nov	118	0.12	0.134	0.00303	18.9	0.0623	32.6	0.001	0.001	0.00000546	0.00869	0.00261	0.0734	0.0271	0.00000628	24.2	0.0000302	0.000527
2057 Dec	119	0.121	0.134	0.00303	19	0.0625	32.8	0.001	0.001	0.00000546	0.0087	0.00261	0.0737	0.0271	0.00000629	24.3	0.0000302	0.000528
2058 Jan	119	0.121	0.134	0.00304	19	0.0626	32.8	0.001	0.001	0.00000546	0.0087	0.00262	0.0738	0.0271	0.00000629	24.3	0.0000302	0.000529
2058 Feb	119	0.121	0.134	0.00304	19	0.0626	32.8	0.001	0.001	0.00000546	0.0087	0.00262	0.0738	0.0271	0.00000629	24.3	0.0000303	0.000529
2058 Mar	119	0.121	0.134	0.00304	19	0.0626	32.9	0.001	0.001	0.00000546	0.00871	0.00262	0.0739	0.0271	0.00000629	24.3	0.0000303	0.000529
2058 Apr	119	0.121	0.135	0.00304	19	0.0628	32.9	0.001	0.001	0.00000547	0.00872	0.00262	0.074	0.0272	0.00000631	24.3	0.0000303	0.00053
2058 May	125	0.125	0.139	0.0031	19.6	0.0649	35.1	0.000994	0.000994	0.00000545	0.00875	0.00275	0.0785	0.0284	0.00000634	25.4	0.0000311	0.000556
2058 Jun	116	0.108	0.116	0.0026	18.4	0.056	31.3	0.000897	0.000897	0.0000049	0.00781	0.00253	0.0686	0.0286	0.00000569	25.1	0.0000283	0.000523
2058 Jul	117	0.109	0.117	0.00264	18.5	0.0571	31.7	0.000918	0.000918	0.00000502	0.00798	0.00256	0.0698	0.0287	0.00000581	25.3	0.0000289	0.000529
2058 Aug	122	0.113	0.123	0.00277	19.1	0.0605	33.7	0.000945	0.000945	0.00000518	0.00825	0.00269	0.0744	0.0295	0.00000603	26.1	0.0000299	0.000551
2058 Sep	124	0.116	0.125	0.0028	19.1	0.0624	34.8	0.000937	0.000937	0.00000516	0.00829	0.00272	0.0768	0.0293	0.00000604	26	0.00003	0.000556
2058 Oct	125	0.119	0.127	0.00283	19.1	0.0641	35.9	0.000927	0.000927	0.00000513	0.00832	0.00276	0.0793	0.0291	0.00000604	25.9	0.0000301	0.00056
2058 Nov	126	0.12	0.128	0.00285	19.2	0.0646	36.3	0.000928	0.000928	0.00000513	0.00835	0.00278	0.0801	0.0291	0.00000606	26	0.0000303	0.000563
2058 Dec	126	0.12	0.128	0.00285	19.2	0.0647	36.3	0.000927	0.000927	0.00000513	0.00835	0.00278	0.0803	0.0291	0.00000606	26	0.0000303	0.000564
2059 Jan	126	0.12	0.129	0.00285	19.2	0.0648	36.4	0.000927	0.000927	0.00000513	0.00835	0.00278	0.0803	0.0291	0.00000606	26	0.0000303	0.000564
2059 Feb	126	0.12	0.129	0.00285	19.2	0.0648	36.4	0.000927	0.000927	0.00000513	0.00835	0.00278	0.0803	0.0291	0.00000606	26	0.0000303	0.000564
2059 Mar	126	0.12	0.129	0.00285	19.2	0.0648	36.4	0.000927	0.000927	0.00000513	0.00835	0.00278	0.0803	0.0291	0.00000606	26	0.0000303	0.000564
2059 Apr	127	0.12	0.129	0.00286	19.3	0.0649	36.5	0.00093	0.00093	0.00000515	0.00837	0.00279	0.0805	0.0292	0.00000608	26.1	0.0000304	0.000566
2059 May	128	0.121	0.128	0.00286	19.6	0.0649	36.5	0.000938	0.000938	0.00000519	0.00842	0.00281	0.0805	0.0299	0.00000612	26.6	0.0000306	0.000572
2059 Jun	122	0.112	0.115	0.00261	19.3	0.0594	33.1	0.000933	0.000933	0.0000051	0.00815	0.00268	0.0723	0.0306	0.00000593	26.9	0.0000294	0.000553
2059 Jul	129	0.118	0.121	0.00276	20.3	0.063	35.2	0.000984	0.000984	0.00000539	0.00861	0.00283	0.0769	0.0321	0.00000627	28.2	0.0000311	0.000584
2059 Aug	136	0.124	0.128	0.00291	21.2	0.0667	37.4	0.00103	0.00103	0.00000563	0.00901	0.00298	0.0818	0.0336	0.00000657	29.5	0.0000326	0.000614
2059 Sep	138	0.127	0.13	0.00294	21.3	0.0685	38.4	0.00103	0.00103	0.00000567	0.00911	0.00303	0.0841	0.0336	0.00000663	29.7	0.0000329	0.000621
2059 Oct	131	0.125	0.122	0.00278	20.2	0.067	36.7	0.000983	0.000983	0.00000541	0.00881	0.00288	0.0805	0.0314	0.00000633	27.9	0.0000311	0.000586
2059 Nov	131	0.125	0.122	0.00279	20.1	0.0675	37	0.000978	0.000978	0.00000539	0.00882	0.00288	0.0813	0.0313	0.00000633	27.8	0.0000311	0.000586
2059 Dec	131	0.126	0.123	0.00279	20.2	0.0677	37.2	0.000978	0.000978	0.00000539	0.00882	0.00289	0.0816	0.0313	0.00000633	27.9	0.0000312	0.000587
2060 Jan	131	0.126	0.123	0.00279	20.2	0.0677	37.2	0.000978	0.000978	0.00000539	0.00882	0.00289	0.0816	0.0313	0.00000633	27.9	0.0000312	0.000587
2060 Feb	131	0.126	0.123	0.00279	20.2	0.0677	37.2	0.000978	0.000978	0.00000539	0.00882	0.00289	0.0816	0.0313	0.00000633	27.9	0.0000312	0.000587
2060 Mar	131	0.126	0.123	0.00279	20.2	0.0677	37.2	0.000979	0.000979	0.0000054	0.00883	0.00289	0.0816	0.0313	0.00000633	27.9	0.0000312	0.000587
2060 Apr	132	0.126	0.123	0.0028	20.2	0.068	37.3	0.000982	0.000982	0.00000541	0.00886	0.0029	0.0819	0.0314	0.00000636	28	0.0000313	0.00059
2060 May	131	0.124	0.118	0.00271	20.4	0.0659	36.3	0.000979	0.000979	0.00000538	0.00874	0.00288	0.0792	0.0324	0.00000629	28.6	0.000031	0.00059
2060 Jun	119	0.108	0.0981	0.00233	19.4	0.0562	30.4	0.000946	0.000946	0.00000512	0.00811	0.00259	0.0654	0.032	0.00000586	27.8	0.0000285	0.000541
2060 Jul	124	0.112	0.102	0.00244	20.2	0.059	31.8	0.000995	0.000995	0.00000539	0.00853	0.00271	0.0687	0.0333	0.00000616	28.9	0.0000299	0.000566
2060 Aug	127	0.114	0.105	0.0025	20.4	0.0613	32.9	0.00101	0.00101	0.0000055	0.00867	0.00278	0.0712	0.0336	0.0000063	29.3	0.0000302	0.000577
2060 Sep	122	0.111	0.0999	0.00241	19.4	0.0614	32.2	0.000978	0.000978	0.00000531	0.00836	0.00268	0.0702	0.0315	0.0000061	27.7	0.0000285	0.000552
2060 Oct	123	0.113	0.101	0.00242	19.3	0.0631	33.4	0.000962	0.000962	0.00000525	0.00836	0.00271	0.0729	0.0311	0.00000608	27.5	0.0000286	0.000555
2060 Nov	123	0.113	0.101	0.00242	19.2	0.0634	33.6	0.000955	0.000955	0.00000522	0.00835	0.00271	0.0734	0.0308	0.00000605	27.3	0.0000285	0.000553
2060 Dec	123	0.114	0.102	0.00243	19.2	0.0637	33.8	0.000954	0.000954	0.00000522	0.00836	0.00272	0.0739	0.0308	0.00000606	27.3	0.0000286	0.000555
2061 Jan	124	0.114	0.102	0.00243	19.2	0.0638	33.9	0.000954	0.000954	0.00000522	0.00836	0.00272	0.0741	0.0308	0.00000606	27.3	0.0000286	0.000556
2061 Feb	124	0.114	0.102	0.00243	19.2	0.0638	33.9	0.000954	0.000954	0.00000522	0.00836	0.00272	0.0741	0.0308	0.00000606	27.3	0.0000286	0.000556
2061 Mar	124	0.114	0.102	0.00243	19.2	0.0638	33.9	0.000954	0.000954	0.00000522	0.00836	0.00272	0.0741	0.0308	0.00000606	27.3	0.0000286	0.000556
2061 Apr	124	0.114	0.103	0.00244	19.3	0.064	34	0.000957	0.000957	0.00000524	0.00839	0.00273	0.0744	0.0309	0.00000608	27.4	0.0000287	0.000558
2061 May	125	0.113	0.1	0.00238	19.6	0.0627	33.7	0.000954	0.000954	0.00000522	0.00832	0.00274	0.0732	0.032	0.00000605	28.2	0.0000287	0.000564
2061 Jun	113	0.0977	0.0837	0.00205	18.2	0.0538	28.9	0.000896	0.000896	0.00000485	0.00762	0.00247	0.0621	0.0308	0.00000555	26.8	0.0000265	0.000517
2061 Jul	118	0.101	0.0873	0.00215	18.8	0.0566	30.4	0.00094	0.00094	0.00000509	0.00799	0.00258	0.0654	0.0318	0.00000582	27.7	0.0000278	0.000539
2061 Aug	124	0.106	0.0923	0.00226	19.5	0.0601	32.4	0.000978	0.000978	0.00000531	0.00834	0.00272	0.0698	0.0331	0.0000061	28.9	0.0000291	0.000566
2061 Sep	127	0.108	0.0954	0.00232	19.7	0.0625	34	0.000978	0.000978	0.00000534	0.00844	0.0028	0.0735	0.0332	0.00000617	29.1	0.0000295	0.000578
2061 Oct	125	0.109	0.0938	0.00227	19	0.0631	34.3	0.00094	0.00094	0.00000515	0.00828	0.00275	0.0744	0.0317	0.000006	27.9	0.0000288	0.000564
2061 Nov	124	0.109	0.0936	0.00226	18.8	0.0635	34.5	0.000929	0.000929	0.00000511	0.00825	0.00274	0.0749	0.0313	0.00000596	27.6	0.0000287	0.000561
2061 Dec	125	0.109	0.0939	0.00227	18.8	0.0637	34.6	0.000929	0.000929	0.0000051	0.00826	0.00275	0.0752	0.0313	0.00000597	27.7	0.0000287	0.000562
2062 Jan	125	0.109	0.0941	0.00227	18.8	0.0638	34.7	0.000928	0.000928	0.0000051	0.00826	0.00276	0.0754	0.0313	0.00000597	27.7	0.0000288	0.000563
2062 Feb	125	0.109	0.0941	0.00227	18.8	0.0638	34.7	0.000928	0.000928	0.0000051	0.00826	0.00276	0.0755	0.0313	0.00000597	27.7	0.0000288	0.000563
2062 Mar	125	0.109	0.0942	0.00227	18.8	0.0639	34.8	0.000929	0.000929	0.00000511	0.00827	0.00276	0.0755	0.0313	0.00000597	27.7	0.0000288	0.000564

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2062 Apr	125	0.11	0.0946	0.00228	18.9	0.0641	34.9	0.000933	0.000933	0.00000513	0.0083	0.00277	0.0758	0.0314	0.000006	27.8	0.0000289	0.000566
2062 May	127	0.111	0.0955	0.0023	19.1	0.0648	35.3	0.000942	0.000942	0.00000518	0.00838	0.0028	0.0766	0.0317	0.00000606	28.1	0.0000292	0.000571
2062 Jun	108	0.0905	0.078	0.00202	16.2	0.0555	28.8	0.000924	0.000924	0.000005	0.00799	0.0024	0.0636	0.0273	0.00000571	24.1	0.0000273	0.000493
2062 Jul	99.4	0.0803	0.0698	0.0019	14.9	0.0518	25.9	0.000928	0.000928	0.00000498	0.00788	0.00222	0.0579	0.0252	0.00000562	22.3	0.0000266	0.000457
2062 Aug	100	0.0802	0.0701	0.00192	14.8	0.0537	26.6	0.000934	0.000934	0.00000502	0.00787	0.00225	0.0596	0.025	0.00000567	22.2	0.0000262	0.000459
2062 Sep	101	0.0819	0.07	0.00191	14.7	0.055	27.1	0.00092	0.00092	0.00000496	0.00783	0.00226	0.0609	0.0246	0.00000563	21.9	0.0000259	0.000457
2062 Oct	98.5	0.0846	0.0677	0.00184	14.2	0.0557	27.3	0.000878	0.000878	0.00000476	0.00768	0.00221	0.0613	0.0233	0.00000544	21	0.000025	0.000443
2062 Nov	99	0.0854	0.0681	0.00185	14.2	0.0562	27.6	0.000878	0.000878	0.00000476	0.0077	0.00223	0.0619	0.0234	0.00000545	21.1	0.0000251	0.000445
2062 Dec	99.4	0.0856	0.0685	0.00186	14.2	0.0564	27.8	0.000878	0.000878	0.00000476	0.00771	0.00224	0.0623	0.0234	0.00000545	21.1	0.0000251	0.000447
2063 Jan	99.5	0.0857	0.0687	0.00186	14.2	0.0565	27.9	0.000877	0.000877	0.00000476	0.00771	0.00224	0.0625	0.0234	0.00000546	21.1	0.0000251	0.000447
2063 Feb	99.6	0.0857	0.0687	0.00186	14.2	0.0565	27.9	0.000877	0.000877	0.00000476	0.00771	0.00224	0.0625	0.0234	0.00000546	21.1	0.0000251	0.000447
2063 Mar	99.6	0.0857	0.0687	0.00186	14.3	0.0565	27.9	0.000878	0.000878	0.00000476	0.00771	0.00224	0.0625	0.0234	0.00000546	21.1	0.0000252	0.000448
2063 Apr	99.8	0.0859	0.0688	0.00186	14.3	0.0566	28	0.000879	0.000879	0.00000477	0.00773	0.00225	0.0627	0.0235	0.00000547	21.2	0.0000252	0.000448
2063 May	100	0.0859	0.0677	0.00185	14.6	0.0557	27.4	0.00089	0.00089	0.00000481	0.00774	0.00225	0.0612	0.0243	0.00000549	21.8	0.0000252	0.000452
2063 Jun	84	0.0677	0.0484	0.00147	13.6	0.0416	19.4	0.000846	0.000846	0.00000447	0.00691	0.00186	0.0426	0.0239	0.00000491	20.8	0.0000224	0.000391
2063 Jul	82.2	0.0645	0.0469	0.00145	13.1	0.0412	19	0.000853	0.000853	0.0000045	0.00695	0.00183	0.0421	0.0232	0.00000494	20.1	0.0000225	0.000383
2063 Aug	87	0.0677	0.0501	0.00153	13.7	0.0442	20.6	0.000887	0.000887	0.00000469	0.00724	0.00194	0.0457	0.0241	0.00000517	21	0.0000235	0.000404
2063 Sep	90.1	0.0699	0.0525	0.00158	13.8	0.0468	22.2	0.000886	0.000886	0.00000471	0.00732	0.00201	0.0494	0.0242	0.00000524	21.2	0.0000238	0.000416
2063 Oct	91.4	0.0721	0.0537	0.00159	13.7	0.0484	23.3	0.000869	0.000869	0.00000465	0.00731	0.00204	0.0519	0.0238	0.00000521	21	0.0000238	0.000419
2063 Nov	92.2	0.0728	0.0543	0.0016	13.7	0.049	23.8	0.000867	0.000867	0.00000464	0.00733	0.00206	0.0528	0.0238	0.00000522	21.1	0.0000239	0.000422
2063 Dec	92.5	0.0729	0.0546	0.0016	13.7	0.0492	23.9	0.000867	0.000867	0.00000465	0.00733	0.00207	0.0532	0.0239	0.00000523	21.1	0.000024	0.000424
2064 Jan	92.7	0.073	0.0547	0.0016	13.7	0.0494	24	0.000867	0.000867	0.00000465	0.00734	0.00207	0.0534	0.0239	0.00000523	21.1	0.000024	0.000425
2064 Feb	92.7	0.073	0.0548	0.0016	13.7	0.0494	24	0.000867	0.000867	0.00000465	0.00734	0.00208	0.0534	0.0239	0.00000523	21.1	0.000024	0.000425
2064 Mar	92.8	0.0731	0.0549	0.00161	13.7	0.0494	24.1	0.000868	0.000868	0.00000465	0.00735	0.00208	0.0535	0.0239	0.00000524	21.2	0.0000241	0.000425
2064 Apr	93	0.0733	0.055	0.00161	13.8	0.0496	24.1	0.00087	0.00087	0.00000466	0.00736	0.00208	0.0536	0.0239	0.00000525	21.2	0.0000241	0.000426
2064 May	95.6	0.0742	0.0551	0.0016	14.3	0.0494	24.5	0.000871	0.000871	0.00000467	0.00735	0.00213	0.054	0.0252	0.00000526	22.2	0.0000244	0.000439
2064 Jun	91.6	0.0682	0.0481	0.00143	14.4	0.0431	21.7	0.000836	0.000836	0.00000445	0.00687	0.00202	0.0467	0.0264	0.00000495	22.8	0.0000232	0.000427
2064 Jul	94.3	0.0691	0.0496	0.00148	14.7	0.0451	22.6	0.000865	0.000865	0.00000461	0.0071	0.00209	0.0489	0.0269	0.00000514	23.2	0.0000239	0.000438
2064 Aug	96.4	0.0697	0.051	0.00152	14.7	0.0473	23.7	0.000877	0.000877	0.00000469	0.00718	0.00214	0.0514	0.027	0.00000525	23.4	0.0000241	0.000446
2064 Sep	98	0.0715	0.0524	0.00154	14.5	0.0501	25.3	0.000859	0.000859	0.00000462	0.00715	0.00219	0.0552	0.0262	0.00000523	23	0.0000238	0.00045
2064 Oct	102	0.0741	0.0552	0.00158	14.5	0.0528	27.2	0.000852	0.000852	0.00000462	0.00724	0.00227	0.0597	0.0263	0.00000529	23.2	0.0000245	0.000464
2064 Nov	103	0.0747	0.0562	0.0016	14.6	0.0536	27.9	0.000852	0.000852	0.00000463	0.00728	0.0023	0.0611	0.0264	0.00000531	23.3	0.0000247	0.00047
2064 Dec	103	0.0748	0.0564	0.0016	14.6	0.0537	28	0.000851	0.000851	0.00000463	0.00728	0.00231	0.0613	0.0264	0.00000532	23.3	0.0000247	0.00047
2065 Jan	103	0.0749	0.0565	0.0016	14.6	0.0538	28	0.000851	0.000851	0.00000463	0.00728	0.00231	0.0614	0.0264	0.00000532	23.3	0.0000247	0.000471
2065 Feb	103	0.0749	0.0565	0.0016	14.6	0.0538	28.1	0.000851	0.000851	0.00000463	0.00729	0.00231	0.0615	0.0264	0.00000532	23.3	0.0000248	0.000471
2065 Mar	103	0.075	0.0566	0.0016	14.6	0.0539	28.1	0.000852	0.000852	0.00000463	0.0073	0.00231	0.0616	0.0265	0.00000532	23.4	0.0000248	0.000472
2065 Apr	104	0.0753	0.0568	0.00161	14.7	0.0541	28.2	0.000855	0.000855	0.00000465	0.00732	0.00232	0.0618	0.0266	0.00000534	23.4	0.0000249	0.000473
2065 May	107	0.0766	0.0576	0.00162	15.2	0.0546	28.9	0.000861	0.000861	0.00000468	0.00738	0.00238	0.0631	0.0277	0.0000054	24.3	0.0000254	0.000488
2065 Jun	97.2	0.0683	0.0487	0.00145	14.6	0.0467	24.1	0.000845	0.000845	0.00000453	0.007	0.00215	0.0522	0.0272	0.0000051	23.6	0.0000239	0.00045
2065 Jul	101	0.0702	0.0507	0.00152	15	0.0491	25.4	0.000886	0.000886	0.00000475	0.00735	0.00225	0.0551	0.028	0.00000536	24.3	0.0000251	0.000469
2065 Aug	107	0.0733	0.0538	0.00159	15.6	0.0525	27.3	0.000918	0.000918	0.00000494	0.00765	0.00237	0.0594	0.029	0.0000056	25.3	0.0000262	0.000493
2065 Sep	106	0.0748	0.0534	0.00158	15.1	0.054	28	0.000891	0.000891	0.00000482	0.00756	0.00236	0.0611	0.0279	0.0000055	24.5	0.0000257	0.000486
2065 Oct	102	0.0775	0.0508	0.00151	14.3	0.0545	27.7	0.00085	0.00085	0.00000461	0.00742	0.00227	0.0606	0.0259	0.00000529	23	0.0000245	0.000462
2065 Nov	102	0.0784	0.0507	0.00151	14.3	0.055	27.8	0.000847	0.000847	0.0000046	0.00743	0.00227	0.061	0.0257	0.00000528	22.9	0.0000245	0.00046
2065 Dec	102	0.0784	0.0508	0.00151	14.3	0.0551	27.9	0.000846	0.000846	0.0000046	0.00744	0.00228	0.0612	0.0257	0.00000528	22.9	0.0000245	0.000461
2066 Jan	102	0.0785	0.0509	0.00151	14.3	0.0552	28	0.000846	0.000846	0.0000046	0.00744	0.00228	0.0614	0.0257	0.00000529	22.9	0.0000245	0.000462
2066 Feb	102	0.0785	0.0509	0.00152	14.3	0.0552	28	0.000846	0.000846	0.0000046	0.00744	0.00228	0.0615	0.0257	0.00000529	22.9	0.0000245	0.000462
2066 Mar	103	0.0787	0.051	0.00152	14.3	0.0553	28.1	0.000848	0.000848	0.00000461	0.00746	0.00229	0.0616	0.0258	0.0000053	22.9	0.0000246	0.000463
2066 Apr	103	0.0789	0.0512	0.00152	14.4	0.0555	28.1	0.00085	0.00085	0.00000462	0.00747	0.00229	0.0617	0.0258	0.00000531	23	0.0000246	0.000464
2066 May	104	0.0796	0.0515	0.00153	14.5	0.0558	28.3	0.000859	0.000859	0.00000467	0.00755	0.00231	0.062	0.0262	0.00000536	23.3	0.0000249	0.000469
2066 Jun	88.4	0.0648	0.0407	0.00135	13.1	0.0455	21.8	0.000848	0.000848	0.00000452	0.00711	0.00197	0.0481	0.0239	0.00000503	21	0.0000232	0.000408
2066 Jul	91.4	0.065	0.042	0.00141	13.2	0.0478	22.9	0.000891	0.000891	0.00000475	0.00747	0.00205	0.0507	0.0243	0.00000529	21.4	0.0000244	0.000422
2066 Aug	96.6	0.0677	0.0446	0.00148	13.7	0.0511	24.7	0.000923	0.000923	0.00000494	0.00776	0.00217	0.0549	0.0253	0.00000553	22.3	0.0000255	0.000445
2066 Sep	98.5	0.0697	0.0456	0.0015	13.7	0.0529	25.8	0.00092	0.00092	0.00000493	0.00782	0.00221	0.0573	0.0252	0.00000556	22.4	0.0000256	0.000451
2066 Oct	99.2	0.0718	0.046	0.00149	13.5	0.0544	26.7	0.000897	0.000897	0.00000484	0.00778	0.00223	0.0595	0.0247	0.0000055	22	0.0000255	0.000451
2066 Nov	99.6	0.0724	0.0462	0.00149	13.5	0.0549	27.1	0.000893	0.000893	0.00000482	0.00778	0.00224	0.0602	0.0246	0.00000549	22	0.0000255	0.000452
2066 Dec	99.9	0.0725	0.0464	0.00149	13.5	0.055	27.2	0.000892	0.000892	0.00000482	0.00778	0.00224	0.0605	0.0246	0.00000549	22	0.0000255	0.000453
2067 Jan	100	0.0725	0.0464	0.00149	13.5	0.0551	27.3	0.000892	0.000892	0.00000482	0.00779	0.00225	0.0606	0.0246	0.00000549	22	0.0000255	0.000454
2067 Feb	100	0.0725	0.0465	0.00149	13.5	0.0551	27.3	0.000892	0.000892	0.00000482	0.00779	0.00225	0.0607	0.0246	0.0000055	22	0.0000255	0.000454
2067 Mar	100	0.0726	0.0465	0.0015	13.5	0.0552	27.3	0.000893	0.000893	0.00000483	0.0078	0.00225	0.0607	0.0246	0.0000055	22	0.0000256	0.000454
2067 Apr	100	0.0728	0.0466	0.0015	13.5	0.0553	27.4	0.000895	0.000895	0.00000484	0.00781	0.00225	0.0609	0.0247	0.00000551	22.1	0.0000256	0.000455
2067 May	101	0.0735	0.0462	0.00149	14.1	0.0544	26.8	0.00091	0.00091	0.0000049	0.00785	0.00227	0.0594	0.0258	0.00000555	22.9	0.0000257	0.000461
2067 Jun	94.4	0.0679	0.0404	0.00137	14.1	0.0473	22.8	0.000894	0.000894	0.00000476	0.00745	0.00209	0.0498	0.0263	0.00000529	23	0.0000244	0.000437
2067 Jul	99.6	0.0703	0.0428	0.00144	14.6	0.0504	24.5	0.000938	0.000938	0.000005	0.00783	0.00222	0.0536	0.0274	0.00000558	23.9	0.0000257	0.00046
2067 Aug	103	0.0706	0.0441	0.00148	14.7	0.0531	25.9	0.000954	0.000954	0.0000051	0.00794	0.00229	0.0568	0.0276	0.00000572	24.2	0.000026	0.00047
2067 Sep	104	0.0718	0.0448	0.0015	14.7	0.0548	26.8	0.000952	0.000952	0.00000511	0.00798	0.00233	0.0589	0.0275	0.00000575	24.2	0.0000261	0.000475
2067 Oct	102	0.0732	0.0438	0.00146	14.3	0.0552	26.9	0.000923	0.000923	0.00000496	0.00787	0.00229	0.0593	0.0265	0.00000562	23.4	0.0000255	0.000465
2067 Nov	103	0.0739	0.0438	0.00146	14.2	0.0557	27.2	0.000917	0.000917	0.00000494	0.00787	0.0023	0.0598	0.0263	0.0000056	23.3	0.0000255	0.000464

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 Dec	103	0.074	0.044	0.00146	14.2	0.0558	27.3	0.000917	0.000917	0.00000494	0.00787	0.0023	0.0601	0.0263	0.00000561	23.3	0.0000255	0.000465
2068 Jan	103	0.0741	0.044	0.00147	14.2	0.0559	27.4	0.000917	0.000917	0.00000494	0.00788	0.00231	0.0603	0.0263	0.00000561	23.3	0.0000255	0.000466
2068 Feb	103	0.0741	0.0441	0.00147	14.2	0.0559	27.4	0.000917	0.000917	0.00000494	0.00788	0.00231	0.0603	0.0263	0.00000561	23.4	0.0000255	0.000466
2068 Mar	103	0.0742	0.0441	0.00147	14.3	0.056	27.4	0.000919	0.000919	0.00000495	0.00789	0.00231	0.0604	0.0264	0.00000562	23.4	0.0000256	0.000467
2068 Apr	104	0.0747	0.0444	0.00148	14.4	0.0564	27.6	0.000925	0.000925	0.00000499	0.00795	0.00233	0.0609	0.0266	0.00000566	23.6	0.0000258	0.00047
2068 May	105	0.0751	0.044	0.00147	14.8	0.0554	27.1	0.000934	0.000934	0.00000502	0.00795	0.00233	0.0594	0.0275	0.00000567	24.2	0.0000258	0.000475
2068 Jun	90.6	0.0631	0.0352	0.00125	13.9	0.0436	20.9	0.000865	0.000865	0.00000458	0.00706	0.002	0.0451	0.0264	0.00000506	22.8	0.0000231	0.00042
2068 Jul	93.1	0.0624	0.0362	0.00129	13.9	0.0458	22.1	0.000888	0.000888	0.00000471	0.00727	0.00207	0.0481	0.0264	0.00000523	22.9	0.0000239	0.00043
2068 Aug	98.5	0.0654	0.0384	0.00136	14.5	0.0491	23.8	0.000928	0.000928	0.00000494	0.00761	0.00219	0.0519	0.0276	0.0000055	24	0.000025	0.000454
2068 Sep	99.2	0.067	0.0385	0.00136	14.4	0.0505	24.5	0.000923	0.000923	0.00000493	0.00765	0.00221	0.0534	0.0273	0.00000551	23.8	0.000025	0.000455
2068 Oct	100	0.0684	0.039	0.00137	14.3	0.0517	25.2	0.000919	0.000919	0.00000492	0.00769	0.00224	0.0551	0.0272	0.00000552	23.8	0.0000251	0.000459
2068 Nov	101	0.0687	0.0393	0.00137	14.4	0.0521	25.5	0.000921	0.000921	0.00000493	0.00772	0.00225	0.0556	0.0273	0.00000554	23.9	0.0000252	0.000461
2068 Dec	101	0.0688	0.0393	0.00138	14.4	0.0521	25.5	0.000921	0.000921	0.00000493	0.00772	0.00225	0.0557	0.0273	0.00000554	23.9	0.0000253	0.000462
2069 Jan	101	0.0688	0.0394	0.00138	14.4	0.0522	25.6	0.000921	0.000921	0.00000493	0.00772	0.00225	0.0559	0.0273	0.00000554	23.9	0.0000253	0.000462
2069 Feb	101	0.0688	0.0394	0.00138	14.4	0.0522	25.6	0.000921	0.000921	0.00000493	0.00772	0.00226	0.0559	0.0273	0.00000554	23.9	0.0000253	0.000463
2069 Mar	101	0.0688	0.0394	0.00138	14.4	0.0523	25.6	0.000921	0.000921	0.00000493	0.00773	0.00226	0.0559	0.0273	0.00000554	23.9	0.0000253	0.000463
2069 Apr	101	0.0689	0.0395	0.00138	14.4	0.0523	25.6	0.000922	0.000922	0.00000494	0.00774	0.00226	0.056	0.0273	0.00000555	23.9	0.0000253	0.000463
2069 May	103	0.0701	0.0401	0.0014	14.7	0.0531	26	0.000938	0.000938	0.00000502	0.00786	0.0023	0.0569	0.0279	0.00000564	24.4	0.0000257	0.000471
2069 Jun	90.1	0.059	0.0334	0.00128	13.2	0.0454	21.1	0.000919	0.000919	0.00000486	0.00751	0.00201	0.0467	0.0252	0.00000535	21.9	0.0000244	0.000418
2069 Jul	91.6	0.0583	0.0338	0.00132	13.2	0.0467	21.7	0.000947	0.000947	0.00000501	0.00775	0.00205	0.0482	0.0253	0.00000552	22	0.0000252	0.000426
2069 Aug	94.9	0.0595	0.035	0.00136	13.4	0.0491	23	0.000967	0.000967	0.00000513	0.00791	0.00213	0.0511	0.0257	0.00000567	22.5	0.0000257	0.000439
2069 Sep	92.8	0.0608	0.0338	0.00132	13.1	0.0493	22.8	0.000942	0.000942	0.000005	0.00777	0.00208	0.0507	0.0248	0.00000554	21.8	0.0000248	0.000427
2069 Oct	88.5	0.0637	0.0313	0.00126	12.6	0.0488	21.7	0.000908	0.000908	0.00000481	0.00759	0.00198	0.0484	0.0234	0.00000532	20.7	0.0000235	0.000402
2069 Nov	88.2	0.0647	0.031	0.00126	12.6	0.049	21.7	0.000906	0.000906	0.0000048	0.0076	0.00197	0.0483	0.0232	0.00000531	20.6	0.0000234	0.0004
2069 Dec	88.3	0.0647	0.0311	0.00126	12.6	0.0491	21.7	0.000906	0.000906	0.0000048	0.00761	0.00198	0.0485	0.0233	0.00000532	20.6	0.0000234	0.000401
2070 Jan	88.3	0.0647	0.0311	0.00126	12.6	0.0491	21.7	0.000906	0.000906	0.0000048	0.00761	0.00198	0.0485	0.0233	0.00000532	20.6	0.0000234	0.000401
2070 Feb	88.3	0.0647	0.0311	0.00126	12.6	0.0491	21.8	0.000906	0.000906	0.0000048	0.00761	0.00198	0.0485	0.0233	0.00000532	20.6	0.0000234	0.000401
2070 Mar	88.4	0.0647	0.0311	0.00126	12.6	0.0491	21.8	0.000907	0.000907	0.00000481	0.00761	0.00198	0.0486	0.0233	0.00000532	20.6	0.0000234	0.000401
2070 Apr	88.7	0.065	0.0312	0.00126	12.7	0.0493	21.8	0.00091	0.00091	0.00000483	0.00764	0.00199	0.0487	0.0234	0.00000534	20.7	0.0000235	0.000402
2070 May	89.7	0.0658	0.0312	0.00126	13.1	0.0486	21.5	0.000922	0.000922	0.00000488	0.00767	0.002	0.0476	0.0244	0.00000538	21.5	0.0000237	0.000409
2070 Jun	86.2	0.0625	0.0286	0.00119	13.7	0.0427	18.6	0.000909	0.000909	0.00000476	0.00732	0.0019	0.0403	0.0258	0.00000517	22.2	0.0000228	0.000399
2070 Jul	89.6	0.0637	0.0297	0.00124	14	0.0448	19.7	0.000943	0.000943	0.00000495	0.00761	0.00198	0.0428	0.0264	0.00000539	22.9	0.0000238	0.000415
2070 Aug	93.2	0.0651	0.0309	0.00128	14.3	0.0473	20.9	0.00097	0.00097	0.0000051	0.00782	0.00207	0.0456	0.0271	0.00000557	23.5	0.0000244	0.000429
2070 Sep	91.2	0.0665	0.0298	0.00125	13.9	0.0476	20.8	0.000946	0.000946	0.00000498	0.00772	0.00202	0.0455	0.026	0.00000545	22.7	0.0000237	0.000417
2070 Oct	88.5	0.0681	0.0284	0.00122	13.5	0.0475	20.2	0.000925	0.000925	0.00000487	0.00762	0.00196	0.0443	0.025	0.00000533	21.9	0.0000229	0.000402
2070 Nov	88.8	0.0684	0.0285	0.00122	13.5	0.0478	20.5	0.000923	0.000923	0.00000486	0.00763	0.00197	0.0448	0.025	0.00000533	21.9	0.0000229	0.000402
2070 Dec	88.9	0.0685	0.0285	0.00122	13.5	0.0479	20.5	0.000923	0.000923	0.00000486	0.00763	0.00197	0.045	0.025	0.00000533	21.9	0.000023	0.000403
2071 Jan	89	0.0685	0.0285	0.00122	13.5	0.0479	20.5	0.000923	0.000923	0.00000486	0.00763	0.00197	0.045	0.025	0.00000533	21.9	0.000023	0.000403
2071 Feb	89	0.0685	0.0285	0.00122	13.5	0.0479	20.5	0.000923	0.000923	0.00000486	0.00763	0.00197	0.045	0.025	0.00000533	21.9	0.000023	0.000403
2071 Mar	89	0.0685	0.0285	0.00122	13.5	0.0479	20.5	0.000923	0.000923	0.00000486	0.00763	0.00197	0.045	0.025	0.00000533	21.9	0.000023	0.000403
2071 Apr	89.1	0.0686	0.0286	0.00122	13.5	0.048	20.6	0.000924	0.000924	0.00000487	0.00764	0.00198	0.0451	0.025	0.00000534	21.9	0.000023	0.000404
2071 May	89.3	0.0686	0.0283	0.00121	13.9	0.0466	19.9	0.000927	0.000927	0.00000487	0.00759	0.00197	0.0433	0.0259	0.00000532	22.6	0.0000229	0.000407
2071 Jun	82.5	0.0617	0.0251	0.00111	13.8	0.0393	16.4	0.000897	0.000897	0.00000467	0.0071	0.00181	0.035	0.0261	0.00000501	22.3	0.0000217	0.000384
2071 Jul	83.4	0.0611	0.0252	0.00114	13.8	0.04	16.6	0.000921	0.000921	0.00000479	0.00728	0.00183	0.0357	0.0261	0.00000514	22.4	0.0000223	0.000388
2071 Aug	86.7	0.063	0.0262	0.00118	14.2	0.0421	17.5	0.000952	0.000952	0.00000496	0.00753	0.0019	0.0378	0.0269	0.00000533	23.1	0.000023	0.000402
2071 Sep	85.8	0.0633	0.0256	0.00116	13.9	0.043	17.8	0.000937	0.000937	0.00000489	0.00743	0.00189	0.0385	0.0261	0.00000527	22.5	0.0000224	0.000396
2071 Oct	84.9	0.0641	0.0251	0.00115	13.7	0.0433	17.8	0.000924	0.000924	0.00000483	0.00739	0.00187	0.0387	0.0255	0.00000521	22.1	0.0000221	0.00039
2071 Nov	84.7	0.0651	0.0249	0.00115	13.6	0.0437	17.9	0.000922	0.000922	0.00000481	0.0074	0.00186	0.0388	0.0253	0.0000052	22	0.000022	0.000388
2071 Dec	84.8	0.0651	0.025	0.00115	13.6	0.0438	17.9	0.000921	0.000921	0.00000481	0.0074	0.00187	0.039	0.0253	0.0000052	22	0.000022	0.000388
2072 Jan	84.8	0.0651	0.025	0.00115	13.6	0.0438	17.9	0.000921	0.000921	0.00000481	0.00741	0.00187	0.039	0.0253	0.0000052	22	0.000022	0.000388
2072 Feb	84.8	0.0651	0.025	0.00115	13.6	0.0438	17.9	0.000921	0.000921	0.00000481	0.00741	0.00187	0.039	0.0253	0.0000052	22	0.000022	0.000388
2072 Mar	84.8	0.0651	0.025	0.00115	13.6	0.0438	17.9	0.000922	0.000922	0.00000482	0.00741	0.00187	0.039	0.0254	0.0000052	22	0.000022	0.000388
2072 Apr	85.1	0.0653	0.025	0.00115	13.7	0.0439	18	0.000924	0.000924	0.00000483	0.00743	0.00187	0.0391	0.0254	0.00000522	22.1	0.0000221	0.000389
2072 May	86.3	0.0663	0.0254	0.00117	13.9	0.0446	18.3	0.000938	0.000938	0.0000049	0.00754	0.0019	0.0397	0.0258	0.00000529	22.4	0.0000224	0.000395
2072 Jun	78.1	0.0572	0.0224	0.00113	12.6	0.0404	15.7	0.000936	0.000936	0.00000486	0.00743	0.00173	0.0349	0.0234	0.00000519	20.3	0.0000222	0.000363
2072 Jul	77.5	0.0547	0.0221	0.00114	12.3	0.0409	15.7	0.000951	0.000951	0.00000493	0.0075	0.00173	0.0352	0.023	0.00000527	20	0.0000223	0.000359
2072 Aug	76.4	0.0538	0.0213	0.00113	12.1	0.042	15.6	0.000948	0.000948	0.00000492	0.00735	0.00171	0.0352	0.0224	0.00000525	19.6	0.0000212	0.000352
2072 Sep	75	0.0543	0.0205	0.00112	12	0.0425	15.4	0.000938	0.000938	0.00000486	0.00724	0.00168	0.0349	0.0218	0.00000519	19.1	0.0000203	0.000344
2072 Oct	73.2	0.0569	0.0195	0.00109	11.7	0.0425	15.2	0.000913	0.000913	0.00000474	0.00715	0.00164	0.0344	0.021	0.00000506	18.5	0.0000197	0.000332
2072 Nov	73.5	0.0574	0.0196	0.00108	11.7	0.0429	15.4	0.000909	0.000909	0.00000472	0.00715	0.00165	0.0349	0.0209	0.00000505	18.5	0.0000197	0.000333
2072 Dec	73.7	0.0574	0.0197	0.00108	11.7	0.043	15.5	0.000908	0.000908	0.00000472	0.00715	0.00165	0.0352	0.0209	0.00000505	18.5	0.0000197	0.000334
2073 Jan	73.8	0.0574	0.0197	0.00108	11.7	0.0431	15.5	0.000908	0.000908	0.00000472	0.00715	0.00165	0.0352	0.0209	0.00000505	18.5	0.0000197	0.000334
2073 Feb	73.8	0.0574	0.0197	0.00109	11.7	0.0431	15.5	0.000908	0.000908	0.00000472	0.00715	0.00165	0.0352	0.0209	0.00000505	18.5	0.0000197	0.000334
2073 Mar	73.8	0.0575	0.0197	0.00109	11.7	0.0431	15.6	0.000908	0.000908	0.00000472	0.00716	0.00165	0.0353	0.0209	0.00000506	18.5	0.0000198	0.000334
2073 Apr	74.3	0.0578	0.0198	0.00109	11.7	0.0434	15.6	0.000914	0.000914	0.00000475	0.0072	0.00166	0.0355	0.0211	0.00000509	18.6	0.0000199	0.000336
2073 May	78.2	0.0587	0.0209	0.00109	12.4	0.0433	16.5	0.000911	0.000911	0.00000475	0.00718	0.00174	0.0368	0.0226	0.0000051	19.9	0.0000204	0.000355
2073 Jun	78.8	0.0561	0.0208	0.00104	12.9	0.0394	15.7	0.000886	0.000886	0.00000461	0.0069	0.00173	0.0341	0.0243	0.00000494	21	0.0000205	0.000364
2073 Jul	80.3	0.0562	0.0212	0.00107	13	0.0406	16.1	0.000909	0.000909	0.00000473	0.00707	0.00177	0.0352	0.0246	0.00000507	21.2	0.0000209	0.00037

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2073 Aug	83	0.0571	0.0218	0.00111	13.2	0.0425	17	0.000935	0.000935	0.00000487	0.00724	0.00183	0.0371	0.0251	0.00000523	21.7	0.0000214	0.000381
2073 Sep	83.1	0.0579	0.0216	0.0011	13.1	0.0435	17.4	0.000924	0.000924	0.00000482	0.00721	0.00183	0.0382	0.0247	0.0000052	21.4	0.0000211	0.000379
2073 Oct	81.9	0.0597	0.0209	0.00107	12.7	0.044	17.6	0.000901	0.000901	0.00000471	0.00715	0.00181	0.0386	0.0238	0.0000051	20.8	0.0000207	0.00037
2073 Nov	81.9	0.0601	0.0209	0.00107	12.7	0.0443	17.7	0.000896	0.000896	0.00000469	0.00714	0.00181	0.039	0.0236	0.00000508	20.7	0.0000207	0.000369
2073 Dec	82.1	0.0601	0.0209	0.00107	12.7	0.0444	17.9	0.000896	0.000896	0.00000469	0.00714	0.00181	0.0393	0.0236	0.00000508	20.7	0.0000207	0.00037
2074 Jan	82.3	0.0601	0.021	0.00107	12.7	0.0445	17.9	0.000895	0.000895	0.00000469	0.00715	0.00182	0.0394	0.0236	0.00000508	20.7	0.0000207	0.000371
2074 Feb	82.4	0.0601	0.021	0.00107	12.7	0.0445	18	0.000895	0.000895	0.00000469	0.00715	0.00182	0.0395	0.0236	0.00000508	20.7	0.0000207	0.000371
2074 Mar	82.4	0.0602	0.021	0.00107	12.7	0.0446	18	0.000895	0.000895	0.00000469	0.00715	0.00182	0.0395	0.0237	0.00000509	20.7	0.0000207	0.000371
2074 Apr	82.8	0.0605	0.0211	0.00108	12.7	0.0448	18.1	0.0009	0.0009	0.00000471	0.00719	0.00183	0.0397	0.0238	0.00000511	20.8	0.0000209	0.000373
2074 May	86.3	0.0612	0.022	0.00107	13.4	0.0441	18.5	0.000898	0.000898	0.00000471	0.00715	0.00189	0.0401	0.0255	0.00000511	22.1	0.0000213	0.000391
2074 Jun	83.7	0.057	0.0213	0.001	13.6	0.0385	16.7	0.000855	0.000855	0.00000446	0.00668	0.00181	0.0352	0.0265	0.00000481	22.6	0.0000207	0.000386
2074 Jul	87	0.0582	0.022	0.00105	14	0.0403	17.5	0.000893	0.000893	0.00000466	0.00698	0.00189	0.0372	0.0273	0.00000503	23.3	0.0000216	0.000401
2074 Aug	92.2	0.0608	0.0233	0.0011	14.6	0.0432	19	0.000932	0.000932	0.00000488	0.00731	0.002	0.0404	0.0285	0.00000529	24.4	0.0000227	0.000424
2074 Sep	92.1	0.0615	0.0229	0.00108	14.1	0.0448	19.9	0.000907	0.000907	0.00000477	0.00723	0.002	0.0427	0.0274	0.00000521	23.7	0.0000223	0.000419
2074 Oct	92.7	0.0628	0.0228	0.00107	13.8	0.0464	20.9	0.000886	0.000886	0.00000468	0.00722	0.00201	0.045	0.0267	0.00000515	23.2	0.0000223	0.000418
2074 Nov	95.4	0.0628	0.0235	0.00107	13.6	0.0481	22.4	0.000874	0.000874	0.00000465	0.00722	0.00207	0.0484	0.0266	0.00000516	23.2	0.0000226	0.000428
2074 Dec	95.9	0.0628	0.0236	0.00107	13.6	0.0484	22.7	0.000872	0.000872	0.00000464	0.00723	0.00208	0.0489	0.0266	0.00000516	23.2	0.0000227	0.00043
2075 Jan	96	0.0628	0.0236	0.00107	13.6	0.0484	22.7	0.000872	0.000872	0.00000464	0.00723	0.00208	0.0491	0.0266	0.00000517	23.2	0.0000227	0.00043
2075 Feb	96	0.0628	0.0237	0.00107	13.6	0.0485	22.7	0.000872	0.000872	0.00000464	0.00723	0.00209	0.0491	0.0266	0.00000517	23.2	0.0000227	0.00043
2075 Mar	96.1	0.0628	0.0237	0.00107	13.6	0.0485	22.8	0.000872	0.000872	0.00000464	0.00723	0.00209	0.0492	0.0266	0.00000517	23.2	0.0000228	0.000431
2075 Apr	96.6	0.0631	0.0238	0.00108	13.7	0.0488	22.9	0.000876	0.000876	0.00000466	0.00727	0.0021	0.0494	0.0268	0.00000519	23.4	0.0000229	0.000433
2075 May	99.7	0.0637	0.0245	0.00109	13.9	0.0501	24.1	0.000877	0.000877	0.00000469	0.00733	0.00216	0.0519	0.0273	0.00000525	23.9	0.0000234	0.000446
2075 Jun	84.2	0.051	0.0203	0.00103	11.8	0.0426	19.1	0.000866	0.000866	0.00000456	0.00707	0.00184	0.0424	0.0232	0.000005	20.3	0.0000224	0.000384
2075 Jul	80.5	0.0471	0.0193	0.00103	11.3	0.0412	17.9	0.000883	0.000883	0.00000463	0.00714	0.00177	0.0401	0.0222	0.00000504	19.4	0.0000225	0.000369
2075 Aug	82.5	0.0478	0.0196	0.00106	11.5	0.0429	18.5	0.000902	0.000902	0.00000474	0.00726	0.00182	0.0417	0.0226	0.00000516	19.7	0.0000227	0.000377
2075 Sep	84.2	0.0488	0.0199	0.00107	11.5	0.0441	19.2	0.000908	0.000908	0.00000478	0.00734	0.00186	0.0432	0.0227	0.00000522	19.9	0.0000229	0.000383
2075 Oct	84.1	0.0502	0.0197	0.00106	11.5	0.0447	19.4	0.0009	0.0009	0.00000474	0.00734	0.00186	0.0436	0.0225	0.00000519	19.8	0.0000228	0.000381
2075 Nov	84.7	0.0506	0.0198	0.00106	11.5	0.0451	19.7	0.000899	0.000899	0.00000474	0.00735	0.00187	0.0443	0.0225	0.0000052	19.8	0.0000229	0.000383
2075 Dec	84.9	0.0506	0.0199	0.00106	11.5	0.0452	19.8	0.000899	0.000899	0.00000474	0.00736	0.00187	0.0445	0.0225	0.0000052	19.8	0.0000229	0.000384
2076 Jan	85	0.0506	0.0199	0.00106	11.5	0.0453	19.8	0.000899	0.000899	0.00000474	0.00736	0.00187	0.0445	0.0225	0.0000052	19.8	0.0000229	0.000384
2076 Feb	85	0.0507	0.0199	0.00106	11.5	0.0453	19.8	0.000899	0.000899	0.00000474	0.00736	0.00187	0.0445	0.0225	0.00000521	19.8	0.0000229	0.000384
2076 Mar	85.1	0.0507	0.0199	0.00107	11.5	0.0453	19.8	0.0009	0.0009	0.00000475	0.00737	0.00188	0.0446	0.0225	0.00000521	19.9	0.0000229	0.000385
2076 Apr	85.3	0.0508	0.02	0.00107	11.5	0.0454	19.9	0.000903	0.000903	0.00000476	0.00739	0.00188	0.0447	0.0226	0.00000523	19.9	0.000023	0.000386
2076 May	86.4	0.0522	0.0203	0.00108	12.1	0.0447	19.5	0.000915	0.000915	0.00000482	0.00742	0.0019	0.0435	0.0237	0.00000526	20.8	0.0000231	0.000393
2076 Jun	80.4	0.0501	0.0191	0.00101	12.6	0.0375	15.8	0.00089	0.00089	0.00000463	0.00696	0.00175	0.0343	0.0248	0.00000496	21.3	0.0000218	0.000374
2076 Jul	81.4	0.0499	0.0192	0.00103	12.7	0.0383	16	0.000914	0.000914	0.00000475	0.00713	0.00177	0.035	0.025	0.00000509	21.4	0.0000223	0.000378
2076 Aug	85	0.0516	0.02	0.00108	13.1	0.0405	17	0.000948	0.000948	0.00000493	0.00739	0.00186	0.0372	0.0258	0.0000053	22.2	0.000023	0.000394
2076 Sep	86.8	0.0527	0.0202	0.00108	13.2	0.0419	17.8	0.000951	0.000951	0.00000496	0.00747	0.00189	0.0389	0.0259	0.00000535	22.3	0.0000232	0.0004
2076 Oct	85.5	0.0542	0.0195	0.00106	12.9	0.0423	17.9	0.000929	0.000929	0.00000486	0.00738	0.00186	0.0392	0.0251	0.00000525	21.7	0.0000227	0.000391
2076 Nov	85.8	0.0545	0.0195	0.00106	12.8	0.0427	18.2	0.000924	0.000924	0.00000483	0.00738	0.00187	0.0399	0.025	0.00000523	21.6	0.0000227	0.000392
2076 Dec	86.1	0.0545	0.0196	0.00106	12.8	0.0429	18.3	0.000923	0.000923	0.00000483	0.00738	0.00188	0.0402	0.025	0.00000523	21.6	0.0000227	0.000393
2077 Jan	86.2	0.0545	0.0196	0.00106	12.8	0.0429	18.3	0.000923	0.000923	0.00000483	0.00738	0.00188	0.0402	0.025	0.00000523	21.6	0.0000227	0.000393
2077 Feb	86.2	0.0545	0.0196	0.00106	12.8	0.0429	18.3	0.000923	0.000923	0.00000483	0.00738	0.00188	0.0402	0.025	0.00000524	21.6	0.0000227	0.000393
2077 Mar	86.2	0.0545	0.0196	0.00106	12.8	0.043	18.3	0.000923	0.000923	0.00000483	0.00738	0.00188	0.0402	0.025	0.00000524	21.6	0.0000228	0.000393
2077 Apr	86.5	0.0547	0.0197	0.00106	12.8	0.0431	18.4	0.000926	0.000926	0.00000485	0.00741	0.00189	0.0404	0.0251	0.00000525	21.7	0.0000228	0.000394
2077 May	87.4	0.0556	0.0199	0.00107	13.2	0.0426	18.2	0.000933	0.000933	0.00000488	0.00742	0.0019	0.0396	0.0259	0.00000527	22.3	0.0000229	0.0004
2077 Jun	82.3	0.0521	0.0189	0.001	13.2	0.0371	15.7	0.000898	0.000898	0.00000466	0.00698	0.00178	0.0335	0.0261	0.00000499	22.2	0.0000218	0.000382
2077 Jul	85.1	0.0528	0.0195	0.00105	13.5	0.0387	16.4	0.000937	0.000937	0.00000487	0.0073	0.00184	0.0352	0.0267	0.00000521	22.7	0.0000229	0.000395
2077 Aug	88.9	0.0547	0.0202	0.00109	14	0.0409	17.3	0.000973	0.000973	0.00000506	0.00758	0.00192	0.0374	0.0276	0.00000543	23.6	0.0000237	0.000412
2077 Sep	85.6	0.0553	0.019	0.00105	13.4	0.0413	17	0.00094	0.00094	0.00000489	0.00736	0.00185	0.037	0.026	0.00000525	22.4	0.0000224	0.000393
2077 Oct	85.7	0.0568	0.0187	0.00104	13.2	0.0421	17.4	0.000929	0.000929	0.00000484	0.00736	0.00185	0.0379	0.0256	0.00000522	22.1	0.0000222	0.00039
2077 Nov	86.3	0.0569	0.0188	0.00105	13.2	0.0425	17.7	0.000929	0.000929	0.00000485	0.00737	0.00187	0.0385	0.0256	0.00000523	22.2	0.0000223	0.000393
2077 Dec	86.4	0.0569	0.0188	0.00105	13.2	0.0426	17.7	0.000929	0.000929	0.00000485	0.00737	0.00187	0.0386	0.0256	0.00000523	22.2	0.0000224	0.000393
2078 Jan	86.5	0.0569	0.0188	0.00105	13.2	0.0426	17.8	0.000929	0.000929	0.00000485	0.00738	0.00187	0.0387	0.0256	0.00000523	22.2	0.0000224	0.000393
2078 Feb	86.5	0.0569	0.0188	0.00105	13.2	0.0426	17.8	0.000929	0.000929	0.00000485	0.00738	0.00187	0.0387	0.0256	0.00000523	22.2	0.0000224	0.000393
2078 Mar	86.5	0.0569	0.0188	0.00105	13.2	0.0426	17.8	0.000929	0.000929	0.00000485	0.00738	0.00187	0.0387	0.0257	0.00000523	22.2	0.0000224	0.000394
2078 Apr	87	0.0573	0.0189	0.00105	13.3	0.0429	17.9	0.000935	0.000935	0.00000488	0.00742	0.00188	0.0389	0.0258	0.00000527	22.3	0.0000225	0.000396
2078 May	88.5	0.0581	0.0195	0.00104	14.1	0.0408	17.3	0.000929	0.000929	0.00000484	0.00728	0.0019	0.0369	0.0276	0.0000052	23.6	0.0000224	0.000406
2078 Jun	84	0.0554	0.0189	0.000975	14.2	0.0355	15.1	0.000888	0.000888	0.0000046	0.00681	0.00179	0.0313	0.028	0.0000049	23.6	0.0000213	0.000391
2078 Jul	87.3	0.0567	0.0195	0.00102	14.6	0.0374	15.8	0.000927	0.000927	0.0000048	0.0071	0.00186	0.033	0.0288	0.00000512	24.4	0.0000221	0.000405
2078 Aug	89.1	0.0566	0.0197	0.00104	14.7	0.0392	16.6	0.000943	0.000943	0.00000489	0.00719	0.00191	0.0347	0.029	0.00000523	24.5	0.0000222	0.000411
2078 Sep	90.8	0.0571	0.0198	0.00104	14.6	0.0409	17.5	0.000942	0.000942	0.00000491	0.00723	0.00195	0.037	0.0288	0.00000527	24.5	0.0000223	0.000416
2078 Oct	91.5	0.0576	0.0196	0.00103	14.3	0.0421	18.3	0.000925	0.000925	0.00000483	0.0072	0.00196	0.0389	0.0282	0.00000522	24.1	0.0000223	0.000415
2078 Nov	91.8	0.0579	0.0196	0.00103	14.2	0.0425	18.6	0.000922	0.000922	0.00000482	0.00721	0.00197	0.0394	0.0281	0.00000522	24.1	0.0000223	0.000416
2078 Dec	92	0.0579	0.0196	0.00103	14.2	0.0426	18.6	0.000922	0.000922	0.00000482	0.00721	0.00197	0.0396	0.0282	0.00000522	24.1	0.0000223	0.000417
2079 Jan	92.1	0.0578	0.0196	0.00103	14.2	0.0426	18.7	0.000921	0.000921	0.00000482	0.00721	0.00197	0.0397	0.0281	0.00000522	24.1	0.0000223	0.000417
2079 Feb	92.1	0.0578	0.0196	0.00103	14.2	0.0426	18.7	0.000921	0.000921	0.00000482	0.00721	0.00197	0.0397	0.0281	0.00000522	24.1	0.0000223	0.000417
2079 Mar	92.2	0.0579	0.0196	0.00103	14.2	0.0427	18.7	0.000921	0.000921	0.00000482	0.00721	0.00197	0.0398	0.0282	0.00000522	24.1	0.0000224	0.000418

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2079 Apr	92.5	0.0581	0.0197	0.00103	14.3	0.0428	18.8	0.000925	0.000925	0.00000484	0.00724	0.00198	0.0399	0.0283	0.00000524	24.2	0.0000224	0.000419
2079 May	93.8	0.0589	0.02	0.00105	14.5	0.0433	19	0.000938	0.000938	0.00000491	0.00733	0.00201	0.0403	0.0287	0.00000531	24.6	0.0000227	0.000425
2079 Jun	80.8	0.0491	0.0173	0.000983	12.9	0.0364	15.1	0.000901	0.000901	0.00000467	0.00694	0.00174	0.0324	0.0255	0.00000498	21.7	0.0000216	0.000374
2079 Jul	79.3	0.0466	0.0168	0.000993	12.5	0.0364	14.8	0.000913	0.000913	0.00000473	0.00702	0.00172	0.0322	0.0248	0.00000504	21.1	0.0000218	0.000368
2079 Aug	82.4	0.0475	0.0173	0.00103	12.8	0.0385	15.7	0.000942	0.000942	0.00000489	0.00722	0.00179	0.0343	0.0254	0.00000521	21.7	0.0000223	0.00038
2079 Sep	82.2	0.0492	0.0169	0.00101	12.6	0.0395	16	0.000929	0.000929	0.00000483	0.00719	0.00178	0.0351	0.0248	0.00000517	21.3	0.000022	0.000375
2079 Oct	81.7	0.0508	0.0165	0.001	12.4	0.0402	16.3	0.000915	0.000915	0.00000476	0.00716	0.00177	0.0357	0.0243	0.00000511	20.9	0.0000217	0.00037
2079 Nov	81.5	0.0516	0.0163	0.000997	12.3	0.0404	16.3	0.000911	0.000911	0.00000474	0.00716	0.00176	0.0357	0.0241	0.00000509	20.8	0.0000216	0.000368
2079 Dec	81.3	0.0521	0.0162	0.000994	12.3	0.0406	16.3	0.000908	0.000908	0.00000473	0.00716	0.00176	0.0359	0.0239	0.00000508	20.7	0.0000215	0.000367
2080 Jan	81.4	0.0521	0.0162	0.000994	12.3	0.0406	16.3	0.000908	0.000908	0.00000473	0.00716	0.00176	0.0359	0.0239	0.00000508	20.7	0.0000215	0.000367
2080 Feb	81.4	0.0521	0.0162	0.000994	12.3	0.0406	16.3	0.000908	0.000908	0.00000473	0.00716	0.00176	0.0359	0.0239	0.00000508	20.7	0.0000215	0.000367
2080 Mar	81.4	0.0521	0.0162	0.000994	12.3	0.0406	16.4	0.000908	0.000908	0.00000473	0.00716	0.00176	0.0359	0.0239	0.00000508	20.7	0.0000215	0.000367
2080 Apr	81.6	0.0522	0.0162	0.000997	12.3	0.0407	16.4	0.00091	0.00091	0.00000474	0.00718	0.00176	0.036	0.024	0.00000509	20.7	0.0000215	0.000368
2080 May	82.8	0.053	0.0165	0.00101	12.5	0.0413	16.6	0.000924	0.000924	0.00000481	0.00728	0.00179	0.0365	0.0244	0.00000517	21.1	0.0000219	0.000374
2080 Jun	74.4	0.0455	0.0148	0.000989	11.3	0.0373	14.2	0.000916	0.000916	0.00000474	0.00716	0.00162	0.032	0.022	0.00000504	19	0.0000215	0.000341
2080 Jul	71.4	0.0419	0.014	0.000992	10.8	0.0365	13.4	0.000924	0.000924	0.00000477	0.00715	0.00157	0.0306	0.021	0.00000505	18.2	0.0000214	0.000328
2080 Aug	72.7	0.042	0.0142	0.00101	10.9	0.038	13.8	0.000942	0.000942	0.00000487	0.00723	0.00161	0.0316	0.0212	0.00000516	18.4	0.0000214	0.000332
2080 Sep	72.6	0.0431	0.0138	0.001	10.8	0.0389	14	0.000934	0.000934	0.00000483	0.00718	0.0016	0.0321	0.0209	0.00000513	18.2	0.0000209	0.000329
2080 Oct	73	0.045	0.0136	0.000993	10.8	0.0397	14.4	0.000922	0.000922	0.00000478	0.00716	0.00161	0.0331	0.0206	0.00000509	18	0.0000208	0.000328
2080 Nov	73.1	0.0462	0.0135	0.000985	10.7	0.0401	14.6	0.000914	0.000914	0.00000474	0.00715	0.00161	0.0335	0.0204	0.00000505	17.9	0.0000206	0.000327
2080 Dec	73.3	0.0463	0.0135	0.000985	10.7	0.0403	14.7	0.000913	0.000913	0.00000473	0.00715	0.00161	0.0337	0.0204	0.00000505	17.9	0.0000206	0.000328
2081 Jan	73.3	0.0463	0.0135	0.000985	10.7	0.0403	14.8	0.000913	0.000913	0.00000474	0.00715	0.00161	0.0337	0.0204	0.00000505	17.9	0.0000206	0.000328
2081 Feb	73.3	0.0463	0.0135	0.000985	10.7	0.0403	14.8	0.000913	0.000913	0.00000474	0.00715	0.00161	0.0337	0.0204	0.00000505	17.9	0.0000206	0.000328
2081 Mar	73.3	0.0463	0.0135	0.000985	10.7	0.0403	14.8	0.000913	0.000913	0.00000474	0.00716	0.00161	0.0337	0.0204	0.00000506	17.9	0.0000206	0.000328
2081 Apr	73.6	0.0465	0.0135	0.000989	10.7	0.0404	14.8	0.000916	0.000916	0.00000475	0.00718	0.00162	0.0339	0.0205	0.00000507	18	0.0000207	0.000329
2081 May	75.5	0.0487	0.0144	0.000994	11.7	0.0388	14.2	0.000928	0.000928	0.0000048	0.00717	0.00164	0.0318	0.0225	0.00000509	19.5	0.0000209	0.000342
2081 Jun	74.5	0.0486	0.0148	0.000967	12.3	0.0353	12.9	0.000911	0.000911	0.00000469	0.00692	0.00161	0.0282	0.0238	0.00000494	20.3	0.0000204	0.000343
2081 Jul	78.3	0.0506	0.0155	0.00102	12.9	0.0373	13.7	0.000958	0.000958	0.00000493	0.00729	0.00169	0.0299	0.0249	0.0000052	21.3	0.0000215	0.00036
2081 Aug	82.7	0.0529	0.0163	0.00107	13.5	0.0396	14.7	0.001	0.001	0.00000517	0.00763	0.00179	0.0321	0.0261	0.00000546	22.3	0.0000226	0.000379
2081 Sep	83.1	0.0535	0.0161	0.00106	13.3	0.0407	15.1	0.000995	0.000995	0.00000514	0.0076	0.0018	0.0333	0.0257	0.00000544	22.1	0.0000223	0.000378
2081 Oct	83.9	0.0542	0.0159	0.00105	13.2	0.0416	15.7	0.000985	0.000985	0.0000051	0.00759	0.00181	0.0346	0.0255	0.00000542	21.9	0.0000223	0.000379
2081 Nov	83.6	0.0547	0.0157	0.00104	13	0.0418	15.9	0.000971	0.000971	0.00000503	0.00754	0.0018	0.035	0.0251	0.00000536	21.6	0.0000221	0.000376
2081 Dec	83.6	0.0547	0.0157	0.00104	13	0.0419	16	0.00097	0.00097	0.00000503	0.00754	0.0018	0.0352	0.025	0.00000536	21.6	0.0000221	0.000376
2082 Jan	83.7	0.0547	0.0157	0.00104	13	0.0419	16	0.00097	0.00097	0.00000503	0.00754	0.0018	0.0352	0.025	0.00000536	21.6	0.0000221	0.000376
2082 Feb	83.7	0.0547	0.0157	0.00104	13	0.0419	16	0.00097	0.00097	0.00000503	0.00754	0.0018	0.0352	0.025	0.00000536	21.6	0.0000221	0.000376
2082 Mar	83.7	0.0548	0.0157	0.00104	13	0.042	16	0.00097	0.00097	0.00000503	0.00754	0.0018	0.0352	0.025	0.00000536	21.6	0.0000221	0.000377
2082 Apr	84	0.0549	0.0157	0.00104	13	0.0421	16.1	0.000973	0.000973	0.00000504	0.00756	0.00181	0.0353	0.0251	0.00000538	21.7	0.0000221	0.000378
2082 May	85.1	0.0557	0.0159	0.00106	13.2	0.0426	16.3	0.000986	0.000986	0.00000511	0.00766	0.00183	0.0358	0.0255	0.00000545	22	0.0000224	0.000383
2082 Jun	74	0.0435	0.0136	0.000989	11	0.0375	14	0.00093	0.00093	0.00000481	0.00725	0.00161	0.0319	0.0214	0.0000051	18.6	0.0000217	0.000338
2082 Jul	68.5	0.0379	0.0125	0.000975	10.1	0.0353	12.6	0.000925	0.000925	0.00000476	0.00715	0.0015	0.0293	0.0197	0.00000503	17.1	0.0000214	0.000315
2082 Aug	70.9	0.0391	0.0129	0.00101	10.4	0.037	13.1	0.000955	0.000955	0.00000492	0.00736	0.00156	0.0307	0.0203	0.0000052	17.6	0.0000219	0.000325
2082 Sep	71.8	0.0404	0.0129	0.00102	10.5	0.0379	13.4	0.000962	0.000962	0.00000496	0.00742	0.00157	0.0314	0.0204	0.00000524	17.8	0.0000219	0.000328
2082 Oct	70.4	0.0428	0.0123	0.000984	10.3	0.0381	13.4	0.000932	0.000932	0.00000481	0.00728	0.00154	0.0311	0.0197	0.00000509	17.3	0.0000212	0.000318
2082 Nov	71	0.043	0.0123	0.000984	10.3	0.0385	13.7	0.00093	0.00093	0.00000481	0.00729	0.00155	0.0318	0.0197	0.0000051	17.3	0.0000212	0.00032
2082 Dec	71.3	0.0429	0.0123	0.000984	10.3	0.0386	13.8	0.000929	0.000929	0.0000048	0.00729	0.00156	0.032	0.0197	0.0000051	17.3	0.0000213	0.000321
2083 Jan	71.3	0.0429	0.0123	0.000984	10.3	0.0386	13.8	0.000929	0.000929	0.0000048	0.00729	0.00156	0.0321	0.0197	0.0000051	17.3	0.0000213	0.000321
2083 Feb	71.4	0.043	0.0123	0.000984	10.3	0.0386	13.8	0.00093	0.00093	0.00000481	0.00729	0.00156	0.0321	0.0198	0.0000051	17.3	0.0000213	0.000321
2083 Mar	71.4	0.043	0.0123	0.000985	10.3	0.0386	13.8	0.00093	0.00093	0.00000481	0.0073	0.00156	0.0321	0.0198	0.0000051	17.3	0.0000213	0.000321
2083 Apr	71.7	0.0432	0.0124	0.000989	10.3	0.0388	13.8	0.000934	0.000934	0.00000483	0.00732	0.00156	0.0322	0.0198	0.00000512	17.4	0.0000214	0.000323
2083 May	75.4	0.0449	0.0133	0.000989	11.1	0.0388	14.5	0.000934	0.000934	0.00000483	0.00731	0.00163	0.033	0.0215	0.00000514	18.7	0.0000217	0.00034
2083 Jun	75	0.0446	0.0141	0.000933	11.8	0.0342	13.3	0.000887	0.000887	0.00000458	0.00682	0.0016	0.0291	0.0233	0.00000484	19.9	0.0000209	0.000344
2083 Jul	75.9	0.0441	0.0142	0.000956	11.8	0.0352	13.5	0.000909	0.000909	0.00000469	0.00697	0.00163	0.0298	0.0234	0.00000497	20	0.0000213	0.000347
2083 Aug	76.3	0.0431	0.014	0.000971	11.8	0.0367	13.8	0.000924	0.000924	0.00000477	0.00697	0.00165	0.0306	0.0233	0.00000505	19.9	0.0000209	0.000345
2083 Sep	76.4	0.0451	0.0136	0.000959	11.6	0.0378	14.2	0.000911	0.000911	0.00000471	0.00696	0.00165	0.0315	0.0228	0.00000501	19.6	0.0000206	0.000342
2083 Oct	74.6	0.0483	0.0128	0.000932	11.3	0.0383	14.2	0.000885	0.000885	0.00000458	0.00688	0.0016	0.0314	0.0218	0.00000488	18.9	0.0000199	0.00033
2083 Nov	74.4	0.0491	0.0126	0.000924	11.2	0.0386	14.3	0.000877	0.000877	0.00000454	0.00686	0.0016	0.0317	0.0216	0.00000484	18.7	0.0000197	0.000327
2083 Dec	74.6	0.0491	0.0126	0.000924	11.2	0.0387	14.4	0.000876	0.000876	0.00000454	0.00686	0.0016	0.0319	0.0216	0.00000484	18.7	0.0000198	0.000328
2084 Jan	74.6	0.0491	0.0126	0.000924	11.2	0.0387	14.4	0.000876	0.000876	0.00000454	0.00686	0.0016	0.0319	0.0216	0.00000484	18.7	0.0000198	0.000328
2084 Feb	74.6	0.0491	0.0126	0.000924	11.2	0.0387	14.4	0.000876	0.000876	0.00000454	0.00686	0.0016	0.0319	0.0216	0.00000485	18.7	0.0000198	0.000328
2084 Mar	74.7	0.0492	0.0126	0.000925	11.2	0.0387	14.4	0.000877	0.000877	0.00000455	0.00687	0.0016	0.0319	0.0216	0.00000485	18.7	0.0000198	0.000328
2084 Apr	75.1	0.0495	0.0126	0.00093	11.3	0.039	14.5	0.000882	0.000882	0.00000457	0.00691	0.00161	0.0321	0.0217	0.00000488	18.8	0.0000199	0.00033
2084 May	77.8	0.0514	0.0137	0.000939	12.2	0.0379	14.3	0.000894	0.000894	0.00000462	0.00692	0.00166	0.0311	0.0237	0.00000491	20.3	0.0000202	0.000346
2084 Jun	74.9	0.0496	0.0141	0.0009	12.6	0.0332	12.5	0.000863	0.000863	0.00000444	0.00655	0.00158	0.0264	0.0246	0.00000468	20.8	0.0000195	0.000341
2084 Jul	76.7	0.0498	0.0143	0.00093	12.8	0.0344	12.9	0.000892	0.000892	0.00000459	0.00675	0.00163	0.0274	0.025	0.00000484	21.2	0.0000201	0.000348
2084 Aug	79.1	0.0507	0.0146	0.000956	13	0.036	13.6	0.000916	0.000916	0.00000472	0.00692	0.00168	0.0288	0.0255	0.00000498	21.6	0.0000205	0.000358
2084 Sep	79.3	0.0509	0.0143	0.000948	12.9	0.037	14	0.000908	0.000908	0.00000469	0.00688	0.00168	0.0299	0.025	0.00000496	21.3	0.0000202	0.000356
2084 Oct	78.4	0.0526	0.0137	0.00093	12.5	0.0377	14.2	0.000889	0.000889	0.00000459	0.00683	0.00166	0.0305	0.0242	0.00000488	20.7	0.0000198	0.000348
2084 Nov	78.1	0.0533	0.0135	0.000924	12.4	0.0379	14.2	0.000883	0.000883	0.00000457	0.00682	0.00165	0.0306	0.0239	0.00000485	20.5	0.0000197	0.000345

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Dec	78.2	0.0533	0.0135	0.000924	12.4	0.038	14.3	0.000883	0.000883	0.00000457	0.00683	0.00166	0.0308	0.0239	0.00000485	20.5	0.0000197	0.000346
2085 Jan	78.3	0.0533	0.0135	0.000923	12.4	0.038	14.3	0.000882	0.000882	0.00000456	0.00682	0.00166	0.0308	0.0239	0.00000485	20.5	0.0000197	0.000346
2085 Feb	78.3	0.0533	0.0135	0.000924	12.4	0.038	14.3	0.000882	0.000882	0.00000457	0.00683	0.00166	0.0309	0.0239	0.00000485	20.5	0.0000197	0.000346
2085 Mar	78.4	0.0533	0.0135	0.000924	12.4	0.038	14.3	0.000882	0.000882	0.00000457	0.00683	0.00166	0.0309	0.0239	0.00000486	20.5	0.0000197	0.000346
2085 Apr	78.6	0.0534	0.0136	0.000927	12.5	0.0382	14.4	0.000885	0.000885	0.00000458	0.00685	0.00166	0.031	0.024	0.00000487	20.6	0.0000198	0.000347
2085 May	80.6	0.0546	0.0143	0.000932	13.1	0.0373	14.3	0.000892	0.000892	0.00000461	0.00685	0.0017	0.0303	0.0255	0.00000489	21.7	0.0000201	0.000359
2085 Jun	80.2	0.0543	0.0149	0.000925	13.6	0.0349	13.4	0.00089	0.00089	0.00000458	0.00674	0.00168	0.0278	0.0266	0.00000483	22.4	0.00002	0.000363
2085 Jul	83.3	0.0554	0.0154	0.000962	14	0.0366	14.1	0.000925	0.000925	0.00000477	0.00699	0.00175	0.0293	0.0273	0.00000504	23.1	0.0000208	0.000375
2085 Aug	83.1	0.0541	0.015	0.00096	13.7	0.0378	14.4	0.000922	0.000922	0.00000476	0.00692	0.00175	0.0304	0.0267	0.00000504	22.7	0.0000202	0.000371
2085 Sep	82.1	0.0544	0.0142	0.000937	13.2	0.0389	14.8	0.000898	0.000898	0.00000465	0.00681	0.00173	0.0315	0.0256	0.00000494	21.8	0.0000196	0.000362
2085 Oct	81.3	0.0554	0.0136	0.000916	12.8	0.0395	15.1	0.000877	0.000877	0.00000455	0.00675	0.00171	0.0322	0.0247	0.00000486	21.2	0.0000193	0.000355
2085 Nov	80.9	0.056	0.0133	0.000907	12.7	0.0397	15.2	0.000867	0.000867	0.0000045	0.00673	0.0017	0.0325	0.0243	0.00000481	20.9	0.0000191	0.000352
2085 Dec	81	0.056	0.0133	0.000907	12.7	0.0398	15.2	0.000867	0.000867	0.0000045	0.00673	0.0017	0.0326	0.0243	0.00000481	20.9	0.0000191	0.000352
2086 Jan	81	0.056	0.0133	0.000907	12.7	0.0398	15.3	0.000867	0.000867	0.0000045	0.00673	0.0017	0.0327	0.0243	0.00000481	20.9	0.0000191	0.000352
2086 Feb	81	0.056	0.0133	0.000907	12.7	0.0398	15.3	0.000867	0.000867	0.0000045	0.00673	0.0017	0.0327	0.0243	0.00000481	20.9	0.0000191	0.000352
2086 Mar	81.1	0.056	0.0133	0.000907	12.7	0.0398	15.3	0.000867	0.000867	0.0000045	0.00673	0.0017	0.0327	0.0243	0.00000482	20.9	0.0000191	0.000352
2086 Apr	81.4	0.0562	0.0134	0.000911	12.7	0.04	15.3	0.000871	0.000871	0.00000452	0.00676	0.00171	0.0328	0.0244	0.00000484	21	0.0000192	0.000354
2086 May	83	0.0572	0.0138	0.000923	13.1	0.0402	15.5	0.000883	0.000883	0.00000458	0.00684	0.00174	0.033	0.0251	0.0000049	21.6	0.0000195	0.000361
2086 Jun	77	0.0515	0.0137	0.000895	12.8	0.0345	13.1	0.000864	0.000864	0.00000445	0.00657	0.00161	0.0275	0.0248	0.0000047	21.1	0.0000193	0.000346
2086 Jul	78	0.0505	0.0138	0.000926	12.8	0.0355	13.3	0.000895	0.000895	0.00000461	0.00679	0.00164	0.0283	0.0248	0.00000487	21.1	0.00002	0.00035
2086 Aug	80	0.0505	0.0138	0.000944	12.8	0.0373	14	0.00091	0.00091	0.0000047	0.00688	0.00169	0.0301	0.025	0.00000498	21.3	0.0000201	0.000356
2086 Sep	80	0.0506	0.0134	0.000933	12.6	0.0385	14.5	0.000898	0.000898	0.00000465	0.00681	0.00168	0.0313	0.0243	0.00000494	20.8	0.0000196	0.000352
2086 Oct	80.7	0.0514	0.0132	0.000926	12.4	0.0393	15	0.00089	0.00089	0.00000461	0.00682	0.00169	0.0325	0.024	0.00000492	20.7	0.0000196	0.000353
2086 Nov	81.1	0.0514	0.0132	0.000927	12.4	0.0395	15.1	0.000891	0.000891	0.00000462	0.00683	0.0017	0.0328	0.0241	0.00000493	20.7	0.0000197	0.000354
2086 Dec	81.3	0.0514	0.0132	0.000926	12.4	0.0395	15.2	0.00089	0.00089	0.00000462	0.00683	0.0017	0.0329	0.0241	0.00000493	20.7	0.0000197	0.000355
2087 Jan	81.3	0.0514	0.0132	0.000926	12.4	0.0396	15.2	0.00089	0.00089	0.00000462	0.00683	0.0017	0.0329	0.0241	0.00000493	20.7	0.0000197	0.000355
2087 Feb	81.3	0.0514	0.0132	0.000927	12.4	0.0396	15.2	0.00089	0.00089	0.00000462	0.00683	0.00171	0.0329	0.0241	0.00000493	20.7	0.0000197	0.000355
2087 Mar	81.4	0.0515	0.0132	0.000927	12.4	0.0396	15.2	0.000891	0.000891	0.00000462	0.00684	0.00171	0.033	0.0241	0.00000494	20.8	0.0000197	0.000355
2087 Apr	81.6	0.0516	0.0133	0.000929	12.5	0.0397	15.2	0.000893	0.000893	0.00000463	0.00685	0.00171	0.033	0.0242	0.00000495	20.8	0.0000198	0.000356
2087 May	82.2	0.0524	0.0137	0.000934	12.9	0.039	15	0.000899	0.000899	0.00000466	0.00686	0.00172	0.0322	0.025	0.00000496	21.4	0.0000199	0.000361
2087 Jun	80	0.0519	0.0143	0.000922	13.4	0.0351	13.3	0.000893	0.000893	0.0000046	0.00669	0.00167	0.0279	0.0261	0.00000485	22.1	0.0000197	0.00036
2087 Jul	81.6	0.0515	0.0144	0.000946	13.5	0.0364	13.8	0.000916	0.000916	0.00000472	0.00684	0.00171	0.029	0.0263	0.00000499	22.3	0.0000201	0.000365
2087 Aug	84.4	0.0526	0.0148	0.000977	13.8	0.0382	14.4	0.000946	0.000946	0.00000488	0.00704	0.00177	0.0305	0.027	0.00000516	22.9	0.0000206	0.000375
2087 Sep	86.3	0.0538	0.0148	0.000985	13.9	0.0395	15.1	0.000952	0.000952	0.00000492	0.00714	0.00181	0.0321	0.0271	0.00000522	23	0.0000209	0.000381
2087 Oct	86.3	0.0545	0.0145	0.000972	13.6	0.0401	15.5	0.000938	0.000938	0.00000486	0.00711	0.0018	0.0329	0.0266	0.00000517	22.7	0.0000207	0.000379
2087 Nov	86.1	0.0548	0.0143	0.000968	13.6	0.0402	15.5	0.000934	0.000934	0.00000484	0.0071	0.0018	0.0331	0.0264	0.00000515	22.6	0.0000207	0.000377
2087 Dec	86.4	0.0548	0.0143	0.000967	13.5	0.0403	15.6	0.000933	0.000933	0.00000483	0.0071	0.0018	0.0333	0.0264	0.00000515	22.6	0.0000207	0.000377
2088 Jan	86.4	0.0548	0.0143	0.000967	13.5	0.0404	15.6	0.000933	0.000933	0.00000483	0.0071	0.0018	0.0333	0.0264	0.00000515	22.6	0.0000207	0.000378
2088 Feb	86.4	0.0548	0.0143	0.000967	13.5	0.0404	15.6	0.000933	0.000933	0.00000483	0.0071	0.0018	0.0333	0.0264	0.00000515	22.6	0.0000207	0.000378
2088 Mar	86.5	0.0548	0.0143	0.000968	13.5	0.0404	15.6	0.000934	0.000934	0.00000484	0.00711	0.00181	0.0334	0.0264	0.00000515	22.6	0.0000207	0.000378
2088 Apr	87.2	0.0553	0.0145	0.000976	13.7	0.0407	15.8	0.000941	0.000941	0.00000488	0.00717	0.00182	0.0336	0.0266	0.0000052	22.8	0.0000209	0.000381
2088 May	88.9	0.0563	0.0148	0.000993	13.9	0.0414	16.1	0.000958	0.000958	0.00000496	0.00729	0.00185	0.0342	0.0272	0.00000529	23.2	0.0000213	0.000388
2088 Jun	79.9	0.0489	0.0135	0.000975	12.7	0.0373	13.7	0.000947	0.000947	0.00000488	0.00717	0.00168	0.0298	0.0247	0.00000514	21.1	0.0000211	0.000356
2088 Jul	80.7	0.0482	0.0136	0.00101	12.7	0.038	13.8	0.000981	0.000981	0.00000505	0.00743	0.00171	0.0303	0.0248	0.00000532	21.2	0.0000219	0.000361
2088 Aug	85.5	0.0505	0.0143	0.00106	13.3	0.0405	14.8	0.00103	0.00103	0.00000531	0.00781	0.0018	0.0326	0.026	0.0000056	22.2	0.000023	0.000381
2088 Sep	87.2	0.0513	0.0143	0.00107	13.3	0.0416	15.4	0.00103	0.00103	0.00000534	0.00787	0.00184	0.034	0.0261	0.00000565	22.4	0.0000232	0.000386
2088 Oct	84.1	0.053	0.0134	0.00103	12.8	0.0413	15	0.000995	0.000995	0.00000514	0.00767	0.00177	0.0333	0.0248	0.00000544	21.4	0.0000222	0.000369
2088 Nov	83.5	0.0537	0.0132	0.00102	12.8	0.0414	14.9	0.000989	0.000989	0.00000511	0.00764	0.00175	0.0331	0.0245	0.00000541	21.2	0.000022	0.000365
2088 Dec	83.7	0.0537	0.0132	0.00102	12.8	0.0414	15	0.000988	0.000988	0.0000051	0.00764	0.00176	0.0332	0.0245	0.00000541	21.2	0.000022	0.000366
2089 Jan	83.7	0.0537	0.0132	0.00102	12.8	0.0414	15	0.000988	0.000988	0.0000051	0.00764	0.00176	0.0332	0.0245	0.00000541	21.2	0.000022	0.000366
2089 Feb	83.7	0.0537	0.0132	0.00102	12.8	0.0414	15	0.000988	0.000988	0.00000511	0.00764	0.00176	0.0332	0.0245	0.00000541	21.2	0.000022	0.000366
2089 Mar	83.8	0.0537	0.0132	0.00102	12.8	0.0415	15	0.00099	0.00099	0.00000511	0.00765	0.00176	0.0333	0.0246	0.00000542	21.2	0.000022	0.000366
2089 Apr	84.2	0.054	0.0133	0.00103	12.8	0.0417	15.1	0.000995	0.000995	0.00000514	0.00769	0.00177	0.0335	0.0247	0.00000544	21.3	0.0000221	0.000368
2089 May	85.1	0.0552	0.0139	0.00103	13.4	0.0407	14.8	0.001	0.001	0.00000516	0.00768	0.00178	0.0323	0.0259	0.00000545	22.2	0.0000222	0.000375
2089 Jun	84	0.0552	0.0148	0.00101	14.1	0.0371	13.4	0.000987	0.000987	0.00000507	0.00745	0.00175	0.0285	0.0273	0.00000531	23.2	0.0000219	0.000378
2089 Jul	86.2	0.055	0.0149	0.00104	14.2	0.0388	14.1	0.00101	0.00101	0.00000519	0.0076	0.0018	0.0301	0.0277	0.00000546	23.4	0.0000223	0.000385
2089 Aug	88.8	0.0552	0.0151	0.00106	14.4	0.0406	14.9	0.00103	0.00103	0.00000532	0.00775	0.00186	0.0318	0.0281	0.00000561	23.8	0.0000226	0.000393
2089 Sep	89.8	0.056	0.0148	0.00105	14.2	0.0417	15.5	0.00102	0.00102	0.00000528	0.00774	0.00188	0.0333	0.0277	0.00000559	23.6	0.0000226	0.000394
2089 Oct	86.2	0.0574	0.0136	0.001	13.5	0.0416	15.2	0.000975	0.000975	0.00000504	0.0075	0.00179	0.0329	0.0259	0.00000534	22.2	0.0000214	0.000372
2089 Nov	86	0.0579	0.0134	0.000999	13.4	0.0417	15.3	0.000971	0.000971	0.00000502	0.0075	0.00179	0.0329	0.0257	0.00000532	22.1	0.0000214	0.000371
2089 Dec	86.1	0.0579	0.0134	0.000999	13.4	0.0418	15.3	0.000971	0.000971	0.00000502	0.0075	0.00179	0.0331	0.0257	0.00000532	22.1	0.0000214	0.000371
2090 Jan	86.1	0.0579	0.0134	0.000999	13.4	0.0418	15.3	0.000971	0.000971	0.00000502	0.0075	0.00179	0.0331	0.0258	0.00000532	22.1	0.0000214	0.000371
2090 Feb	86.2	0.0579	0.0134	0.000999	13.4	0.0418	15.3	0.000971	0.000971	0.00000502	0.0075	0.00179	0.0331	0.0258	0.00000533	22.1	0.0000214	0.000371
2090 Mar	86.2	0.0579	0.0135	0.001	13.4	0.0418	15.3	0.000972	0.000972	0.00000502	0.00751	0.00179	0.0331	0.0258	0.00000533	22.1	0.0000214	0.000372
2090 Apr	86.5	0.0581	0.0135	0.001	13.5	0.0419	15.4	0.000975	0.000975	0.00000504	0.00753	0.0018	0.0332	0.0259	0.00000535	22.2	0.0000215	0.000373
2090 May	87.9	0.0585	0.0137	0.00101	13.6	0.0424	15.7	0.00098	0.00098	0.00000507	0.00758	0.00183	0.0339	0.0262	0.00000539	22.5	0.0000217	0.000379
2090 Jun	83.4	0.052	0.0137	0.000933	13.1	0.0369	14.3	0.00091	0.00091	0.0000047	0.00698	0.00172	0.0305	0.0258	0.00000498	21.9	0.0000209	0.000366
2090 Jul	84.2	0.0514	0.0138	0.000961	13.1	0.0376	14.5	0.000937	0.000937	0.00000484	0.00718	0.00174	0.031	0.0258	0.00000513	22	0.0000215	0.000369

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2090 Aug	82	0.0494	0.013	0.000948	12.6	0.0385	14.3	0.000924	0.000924	0.00000478	0.00696	0.0017	0.031	0.0247	0.00000506	21.1	0.0000202	0.000356
2090 Sep	79.9	0.0507	0.0121	0.00092	12.2	0.039	14.3	0.000897	0.000897	0.00000464	0.00683	0.00165	0.0311	0.0235	0.00000493	20.2	0.0000193	0.000343
2090 Oct	76.3	0.0541	0.0111	0.00089	11.8	0.0389	13.6	0.000869	0.000869	0.00000449	0.00674	0.00158	0.0299	0.0221	0.00000476	19.2	0.0000185	0.000323
2090 Nov	75.4	0.0547	0.0108	0.000881	11.6	0.0389	13.6	0.00086	0.00086	0.00000444	0.0067	0.00156	0.0297	0.0217	0.00000472	18.9	0.0000182	0.000318
2090 Dec	75.6	0.0546	0.0108	0.00088	11.6	0.039	13.6	0.000859	0.000859	0.00000444	0.0067	0.00156	0.0299	0.0217	0.00000472	18.9	0.0000183	0.000319
2091 Jan	75.7	0.0546	0.0108	0.00088	11.6	0.039	13.7	0.000858	0.000858	0.00000444	0.0067	0.00156	0.0299	0.0217	0.00000472	18.9	0.0000183	0.000319
2091 Feb	75.7	0.0546	0.0108	0.00088	11.6	0.039	13.7	0.000858	0.000858	0.00000444	0.0067	0.00156	0.0299	0.0217	0.00000472	18.9	0.0000183	0.000319
2091 Mar	75.8	0.0547	0.0108	0.000881	11.6	0.039	13.7	0.00086	0.00086	0.00000445	0.00671	0.00156	0.03	0.0218	0.00000472	18.9	0.0000183	0.00032
2091 Apr	76.3	0.055	0.0109	0.000886	11.7	0.0393	13.8	0.000865	0.000865	0.00000447	0.00675	0.00157	0.0302	0.0219	0.00000475	19	0.0000184	0.000321
2091 May	77.9	0.0561	0.0115	0.000901	12.2	0.0392	13.8	0.00088	0.00088	0.00000454	0.00683	0.0016	0.0299	0.0229	0.00000482	19.8	0.0000187	0.000331
2091 Jun	76.4	0.0543	0.0128	0.000889	13	0.0343	12.1	0.000873	0.000873	0.00000448	0.00661	0.00157	0.0253	0.0248	0.0000047	21	0.0000188	0.000337
2091 Jul	79.7	0.0556	0.0132	0.000932	13.4	0.0359	12.7	0.000914	0.000914	0.00000469	0.00692	0.00164	0.0268	0.0256	0.00000493	21.7	0.0000197	0.00035
2091 Aug	79.7	0.0542	0.0128	0.000931	13.1	0.0371	13	0.000913	0.000913	0.00000469	0.00685	0.00164	0.0278	0.025	0.00000494	21.4	0.0000192	0.000347
2091 Sep	79.6	0.0537	0.0123	0.000918	12.8	0.0382	13.5	0.0009	0.0009	0.00000464	0.00676	0.00164	0.029	0.0243	0.0000049	20.9	0.0000187	0.000343
2091 Oct	78.6	0.0545	0.0117	0.000894	12.4	0.0385	13.6	0.000875	0.000875	0.00000452	0.00667	0.00161	0.0295	0.0234	0.00000479	20.2	0.0000183	0.000334
2091 Nov	77.2	0.0556	0.0113	0.000879	12.2	0.0386	13.5	0.000861	0.000861	0.00000445	0.00662	0.00158	0.0292	0.0227	0.00000471	19.7	0.000018	0.000326
2091 Dec	77.3	0.0556	0.0113	0.000879	12.2	0.0386	13.5	0.00086	0.00086	0.00000444	0.00662	0.00158	0.0293	0.0227	0.00000471	19.7	0.000018	0.000326
2092 Jan	77.4	0.0555	0.0113	0.000878	12.1	0.0387	13.6	0.000859	0.000859	0.00000444	0.00662	0.00158	0.0294	0.0227	0.00000471	19.7	0.000018	0.000327
2092 Feb	77.4	0.0555	0.0113	0.000878	12.1	0.0387	13.6	0.000859	0.000859	0.00000444	0.00662	0.00158	0.0295	0.0227	0.00000471	19.7	0.000018	0.000327
2092 Mar	77.6	0.0556	0.0113	0.00088	12.2	0.0388	13.6	0.000861	0.000861	0.00000445	0.00663	0.00159	0.0295	0.0228	0.00000472	19.7	0.000018	0.000327
2092 Apr	78	0.0559	0.0113	0.000884	12.2	0.0389	13.7	0.000865	0.000865	0.00000447	0.00667	0.00159	0.0297	0.0229	0.00000474	19.8	0.0000181	0.000329
2092 May	80	0.0567	0.0119	0.000893	12.7	0.0388	13.9	0.000874	0.000874	0.00000452	0.00671	0.00163	0.0298	0.0239	0.00000479	20.6	0.0000185	0.000339
2092 Jun	75	0.0506	0.0126	0.000843	12.6	0.0322	11.8	0.000829	0.000829	0.00000426	0.00624	0.00153	0.0245	0.0243	0.00000447	20.6	0.0000181	0.00033
2092 Jul	74.3	0.0481	0.0123	0.000854	12.2	0.0324	11.8	0.00084	0.00084	0.00000432	0.00633	0.00152	0.025	0.0237	0.00000453	20.1	0.0000185	0.000327
2092 Aug	77.9	0.0494	0.0126	0.000881	12.5	0.0343	12.7	0.000866	0.000866	0.00000446	0.00653	0.00159	0.027	0.0243	0.0000047	20.7	0.000019	0.00034
2092 Sep	79.7	0.0491	0.0123	0.00087	12.3	0.0359	13.7	0.000853	0.000853	0.00000441	0.00649	0.00161	0.0293	0.0239	0.00000468	20.4	0.0000189	0.000343
2092 Oct	80.5	0.0495	0.0119	0.000855	12	0.0367	14.3	0.000837	0.000837	0.00000434	0.00646	0.00162	0.0308	0.0234	0.00000463	20.1	0.0000188	0.000342
2092 Nov	81	0.0495	0.0118	0.000851	11.9	0.037	14.6	0.000833	0.000833	0.00000432	0.00645	0.00163	0.0314	0.0233	0.00000462	20.1	0.0000189	0.000342
2092 Dec	81.1	0.0495	0.0118	0.000851	12	0.0371	14.6	0.000833	0.000833	0.00000432	0.00645	0.00163	0.0314	0.0233	0.00000463	20.1	0.0000189	0.000343
2093 Jan	81.1	0.0495	0.0118	0.000851	11.9	0.0371	14.6	0.000832	0.000832	0.00000432	0.00645	0.00163	0.0315	0.0233	0.00000463	20.1	0.0000189	0.000343
2093 Feb	81.1	0.0495	0.0118	0.000851	11.9	0.0371	14.6	0.000833	0.000833	0.00000432	0.00645	0.00163	0.0315	0.0233	0.00000463	20.1	0.0000189	0.000343
2093 Mar	81.4	0.0497	0.0119	0.000853	12	0.0372	14.7	0.000834	0.000834	0.00000433	0.00647	0.00163	0.0316	0.0234	0.00000464	20.1	0.0000189	0.000344
2093 Apr	81.8	0.0499	0.0119	0.000857	12	0.0374	14.8	0.000839	0.000839	0.00000436	0.0065	0.00164	0.0318	0.0235	0.00000466	20.2	0.000019	0.000345
2093 May	83.5	0.051	0.0124	0.000869	12.5	0.0374	14.9	0.00085	0.00085	0.00000441	0.00657	0.00168	0.0318	0.0244	0.00000472	20.9	0.0000194	0.000354
2093 Jun	79.9	0.0495	0.0132	0.000858	12.9	0.033	12.9	0.000843	0.000843	0.00000435	0.00637	0.00161	0.027	0.0253	0.00000459	21.4	0.0000191	0.00035
2093 Jul	81.9	0.0498	0.0134	0.000891	13.1	0.0343	13.3	0.000876	0.000876	0.00000452	0.0066	0.00166	0.028	0.0258	0.00000477	21.8	0.0000198	0.000358
2093 Aug	84.6	0.0505	0.0136	0.000914	13.3	0.036	14	0.000898	0.000898	0.00000464	0.00676	0.00171	0.0295	0.0263	0.00000491	22.3	0.0000201	0.000367
2093 Sep	85.2	0.0513	0.0133	0.000908	13.2	0.0369	14.5	0.000891	0.000891	0.00000461	0.00676	0.00172	0.0306	0.0259	0.00000489	22	0.00002	0.000366
2093 Oct	81.6	0.0533	0.0121	0.000872	12.5	0.037	14.1	0.000856	0.000856	0.00000443	0.00662	0.00164	0.03	0.0242	0.00000471	20.7	0.0000191	0.000345
2093 Nov	80.5	0.0547	0.0117	0.000864	12.3	0.0373	14	0.000848	0.000848	0.00000439	0.00661	0.00161	0.0298	0.0236	0.00000467	20.3	0.0000188	0.000338
2093 Dec	80.6	0.0547	0.0117	0.000864	12.3	0.0374	14	0.000848	0.000848	0.00000439	0.00661	0.00162	0.0299	0.0236	0.00000467	20.3	0.0000188	0.000339
2094 Jan	80.6	0.0547	0.0117	0.000864	12.3	0.0374	14	0.000848	0.000848	0.00000439	0.00661	0.00162	0.03	0.0236	0.00000467	20.3	0.0000188	0.000339
2094 Feb	80.7	0.0547	0.0117	0.000864	12.3	0.0374	14.1	0.000848	0.000848	0.00000439	0.00661	0.00162	0.03	0.0236	0.00000467	20.3	0.0000188	0.000339
2094 Mar	80.8	0.0548	0.0117	0.000865	12.4	0.0375	14.1	0.000849	0.000849	0.0000044	0.00662	0.00162	0.03	0.0237	0.00000468	20.4	0.0000189	0.000339
2094 Apr	81.1	0.055	0.0118	0.000868	12.4	0.0376	14.1	0.000852	0.000852	0.00000441	0.00665	0.00163	0.0301	0.0238	0.00000469	20.4	0.0000189	0.000341
2094 May	82.3	0.0553	0.0123	0.000868	12.8	0.0368	14.1	0.000853	0.000853	0.00000441	0.00661	0.00165	0.0297	0.0247	0.00000469	21.1	0.0000191	0.000348
2094 Jun	83.2	0.055	0.0134	0.000873	13.5	0.0347	13.5	0.000859	0.000859	0.00000443	0.00657	0.00166	0.0278	0.0263	0.00000469	22.3	0.0000194	0.000359
2094 Jul	87.8	0.057	0.014	0.00092	14.1	0.0369	14.4	0.000906	0.000906	0.00000468	0.00692	0.00176	0.0298	0.0275	0.00000495	23.3	0.0000205	0.000378
2094 Aug	93.5	0.0592	0.0146	0.000963	14.6	0.0395	15.7	0.000946	0.000946	0.0000049	0.00725	0.00186	0.0326	0.0287	0.0000052	24.3	0.0000215	0.000399
2094 Sep	93.6	0.0599	0.0141	0.000951	14.3	0.0404	16.1	0.000934	0.000934	0.00000484	0.00723	0.00186	0.0337	0.028	0.00000516	23.9	0.0000213	0.000395
2094 Oct	91.4	0.0603	0.0132	0.00092	13.8	0.0406	16.1	0.000903	0.000903	0.00000469	0.00709	0.00181	0.0338	0.0267	0.00000501	22.9	0.0000207	0.000381
2094 Nov	89	0.0609	0.0124	0.000893	13.2	0.0406	15.9	0.000877	0.000877	0.00000456	0.00697	0.00176	0.0336	0.0255	0.00000488	21.9	0.00002	0.000367
2094 Dec	88.8	0.0609	0.0124	0.000891	13.2	0.0406	15.9	0.000875	0.000875	0.00000455	0.00696	0.00175	0.0336	0.0254	0.00000487	21.9	0.00002	0.000366
2095 Jan	88.9	0.0609	0.0124	0.00089	13.2	0.0406	15.9	0.000874	0.000874	0.00000454	0.00696	0.00175	0.0337	0.0254	0.00000487	21.9	0.00002	0.000366
2095 Feb	88.9	0.0609	0.0124	0.000891	13.2	0.0406	15.9	0.000874	0.000874	0.00000455	0.00696	0.00175	0.0337	0.0254	0.00000487	21.9	0.00002	0.000366
2095 Mar	89	0.061	0.0124	0.000891	13.2	0.0407	15.9	0.000875	0.000875	0.00000455	0.00697	0.00176	0.0337	0.0254	0.00000487	21.9	0.00002	0.000367
2095 Apr	89.4	0.0612	0.0124	0.000895	13.3	0.0408	16	0.000879	0.000879	0.00000457	0.007	0.00176	0.0339	0.0255	0.0000049	22	0.0000201	0.000368
2095 May	89.7	0.0617	0.0131	0.000902	13.8	0.0396	15.5	0.000887	0.000887	0.0000046	0.00698	0.00177	0.0324	0.0266	0.00000491	22.7	0.0000202	0.000374
2095 Jun	90.3	0.0624	0.0141	0.000922	14.5	0.038	14.8	0.000908	0.000908	0.00000469	0.00703	0.00179	0.0304	0.0282	0.00000497	23.9	0.0000206	0.000384
2095 Jul	94.7	0.0647	0.0147	0.000972	15.2	0.0402	15.6	0.000958	0.000958	0.00000495	0.00739	0.00188	0.0321	0.0294	0.00000525	25	0.0000216	0.000402
2095 Aug	93.1	0.0624	0.0142	0.000966	14.8	0.0407	15.5	0.000951	0.000951	0.00000492	0.00726	0.00186	0.0322	0.0286	0.00000521	24.3	0.0000208	0.000392
2095 Sep	92.9	0.0617	0.0138	0.000959	14.5	0.0415	15.7	0.000944	0.000944	0.00000489	0.0072	0.00185	0.0329	0.028	0.00000519	23.9	0.0000204	0.000388
2095 Oct	93.3	0.0617	0.0135	0.000949	14.3	0.0419	16.1	0.000933	0.000933	0.00000484	0.00717	0.00185	0.0338	0.0276	0.00000516	23.6	0.0000204	0.000387
2095 Nov	91.9	0.0622	0.013	0.000933	14	0.0419	16	0.000918	0.000918	0.00000476	0.0071	0.00182	0.0336	0.0269	0.00000508	23.1	0.00002	0.000379
2095 Dec	91.8	0.0622	0.013	0.000931	14	0.042	16	0.000916	0.000916	0.00000475	0.0071	0.00182	0.0337	0.0268	0.00000507	23	0.00002	0.000378
2096 Jan	91.9	0.0622	0.013	0.000931	14	0.042	16	0.000915	0.000915	0.00000475	0.0071	0.00182	0.0338	0.0268	0.00000507	23	0.00002	0.000378
2096 Feb	91.9	0.0622	0.013	0.000931	14	0.042	16	0.000916	0.000916	0.00000475	0.0071	0.00182	0.0338	0.0268	0.00000507	23	0.00002	0.000379
2096 Mar	92	0.0622	0.013	0.000932	14	0.042	16.1	0.000917	0.000917	0.00000475	0.00711	0.00182	0.0338	0.0268	0.00000508	23	0.00002	0.000379

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2096 Apr	92.4	0.0625	0.0131	0.000936	14	0.0422	16.1	0.00092	0.00092	0.00000478	0.00714	0.00183	0.034	0.0269	0.0000051	23.1	0.0000201	0.000381
2096 May	94	0.0625	0.0134	0.000935	14.2	0.0422	16.4	0.000919	0.000919	0.00000477	0.00713	0.00185	0.0344	0.0275	0.0000051	23.5	0.0000203	0.000387
2096 Jun	82.7	0.0516	0.0126	0.000874	12.8	0.0352	13.6	0.000862	0.000862	0.00000445	0.0066	0.00164	0.0286	0.0251	0.00000472	21.3	0.0000195	0.000351
2096 Jul	83.4	0.0507	0.0126	0.000902	12.8	0.0358	13.7	0.00089	0.00089	0.00000459	0.00681	0.00166	0.0291	0.025	0.00000486	21.3	0.0000202	0.000354
2096 Aug	87.5	0.0526	0.0131	0.000939	13.3	0.0379	14.5	0.000927	0.000927	0.00000479	0.00709	0.00174	0.031	0.026	0.00000507	22.1	0.0000209	0.00037
2096 Sep	86.7	0.0536	0.0126	0.000927	13	0.0385	14.6	0.000914	0.000914	0.00000473	0.00704	0.00172	0.0314	0.0253	0.00000502	21.6	0.0000205	0.000363
2096 Oct	83.6	0.0558	0.0115	0.000895	12.5	0.0387	14.3	0.000883	0.000883	0.00000457	0.00691	0.00165	0.0308	0.0238	0.00000485	20.5	0.0000196	0.000345
2096 Nov	83.1	0.0566	0.0114	0.000893	12.4	0.0388	14.2	0.000881	0.000881	0.00000456	0.00692	0.00164	0.0307	0.0236	0.00000484	20.4	0.0000195	0.000342
2096 Dec	83.2	0.0565	0.0114	0.000892	12.4	0.0389	14.3	0.00088	0.00088	0.00000455	0.00692	0.00164	0.0308	0.0236	0.00000484	20.4	0.0000195	0.000343
2097 Jan	83.2	0.0565	0.0114	0.000892	12.4	0.0389	14.3	0.00088	0.00088	0.00000455	0.00692	0.00164	0.0308	0.0236	0.00000484	20.4	0.0000195	0.000343
2097 Feb	83.3	0.0565	0.0114	0.000892	12.4	0.0389	14.3	0.00088	0.00088	0.00000455	0.00692	0.00164	0.0308	0.0236	0.00000484	20.4	0.0000195	0.000343
2097 Mar	83.3	0.0566	0.0114	0.000893	12.4	0.0389	14.3	0.000881	0.000881	0.00000456	0.00692	0.00164	0.0309	0.0236	0.00000484	20.4	0.0000196	0.000343
2097 Apr	83.8	0.0569	0.0114	0.000897	12.5	0.0391	14.4	0.000885	0.000885	0.00000458	0.00696	0.00165	0.031	0.0238	0.00000487	20.5	0.0000197	0.000345
2097 May	85.2	0.058	0.0119	0.000913	12.9	0.0391	14.4	0.000901	0.000901	0.00000466	0.00705	0.00168	0.0308	0.0247	0.00000494	21.2	0.00002	0.000353
2097 Jun	83.5	0.057	0.0129	0.000915	13.5	0.036	13.1	0.000905	0.000905	0.00000465	0.00694	0.00166	0.0275	0.0259	0.00000489	22.1	0.00002	0.000356
2097 Jul	87.2	0.0586	0.0134	0.000959	14	0.0378	13.8	0.000949	0.000949	0.00000488	0.00726	0.00173	0.0289	0.0269	0.00000514	22.9	0.000021	0.000371
2097 Aug	89.6	0.0594	0.0136	0.000984	14.2	0.0393	14.3	0.000973	0.000973	0.00000501	0.00742	0.00178	0.0301	0.0274	0.00000528	23.3	0.0000213	0.000379
2097 Sep	90.9	0.0601	0.0135	0.000992	14.3	0.0402	14.7	0.00098	0.00098	0.00000505	0.00749	0.00181	0.031	0.0275	0.00000533	23.4	0.0000214	0.000383
2097 Oct	90.3	0.0606	0.0132	0.00098	14.1	0.0404	14.7	0.000969	0.000969	0.00000499	0.00745	0.00179	0.0312	0.027	0.00000528	23.1	0.0000212	0.000378
2097 Nov	89.8	0.0608	0.013	0.000973	14	0.0404	14.7	0.000962	0.000962	0.00000496	0.00742	0.00178	0.0312	0.0267	0.00000524	22.8	0.000021	0.000374
2097 Dec	89.8	0.0608	0.013	0.000972	13.9	0.0404	14.7	0.000961	0.000961	0.00000496	0.00741	0.00178	0.0312	0.0267	0.00000524	22.8	0.000021	0.000374
2098 Jan	89.8	0.0607	0.013	0.000972	13.9	0.0405	14.7	0.00096	0.00096	0.00000495	0.00741	0.00178	0.0313	0.0267	0.00000524	22.8	0.000021	0.000374
2098 Feb	89.9	0.0608	0.013	0.000972	13.9	0.0405	14.7	0.00096	0.00096	0.00000495	0.00741	0.00178	0.0313	0.0267	0.00000524	22.8	0.000021	0.000375
2098 Mar	89.9	0.0608	0.013	0.000972	13.9	0.0405	14.7	0.000961	0.000961	0.00000496	0.00742	0.00178	0.0313	0.0267	0.00000524	22.8	0.000021	0.000375
2098 Apr	90.3	0.0611	0.0131	0.000975	14	0.0406	14.8	0.000964	0.000964	0.00000497	0.00744	0.00179	0.0313	0.0269	0.00000526	23	0.0000211	0.000376
2098 May	90.8	0.0623	0.0141	0.000978	14.8	0.0388	14.2	0.000968	0.000968	0.00000498	0.00737	0.0018	0.0293	0.0285	0.00000524	24.1	0.0000211	0.000386
2098 Jun	82.5	0.057	0.0144	0.000917	14.6	0.032	11.5	0.000909	0.000909	0.00000465	0.00675	0.00165	0.0229	0.0283	0.00000483	23.6	0.0000198	0.000364
2098 Jul	85.9	0.0586	0.0149	0.000963	15.1	0.0336	12	0.000956	0.000956	0.00000488	0.00709	0.00172	0.0241	0.0293	0.00000508	24.5	0.0000208	0.000379
2098 Aug	86.6	0.0582	0.0147	0.000971	15	0.0349	12.4	0.000963	0.000963	0.00000492	0.0071	0.00173	0.0251	0.029	0.00000513	24.3	0.0000206	0.000379
2098 Sep	83.5	0.0581	0.0135	0.000934	14.2	0.0354	12.3	0.000926	0.000926	0.00000474	0.0069	0.00166	0.0253	0.0271	0.00000495	22.9	0.0000195	0.000359
2098 Oct	80.5	0.0594	0.0123	0.000895	13.5	0.0357	12.2	0.000888	0.000888	0.00000455	0.00675	0.0016	0.0254	0.0253	0.00000477	21.6	0.0000186	0.00034
2098 Nov	79.7	0.0598	0.012	0.000885	13.2	0.0359	12.2	0.000877	0.000877	0.0000045	0.00671	0.00158	0.0254	0.0248	0.00000472	21.2	0.0000184	0.000335
2098 Dec	79.8	0.0598	0.012	0.000885	13.2	0.0359	12.2	0.000877	0.000877	0.0000045	0.00671	0.00158	0.0255	0.0248	0.00000472	21.2	0.0000184	0.000335
2099 Jan	79.9	0.0598	0.012	0.000885	13.2	0.0359	12.2	0.000877	0.000877	0.0000045	0.00671	0.00158	0.0255	0.0248	0.00000472	21.2	0.0000184	0.000335
2099 Feb	79.9	0.0598	0.012	0.000885	13.2	0.0359	12.3	0.000877	0.000877	0.0000045	0.00671	0.00158	0.0256	0.0248	0.00000472	21.2	0.0000184	0.000335
2099 Mar	80.1	0.0599	0.012	0.000886	13.3	0.036	12.3	0.000879	0.000879	0.00000451	0.00673	0.00158	0.0256	0.0249	0.00000473	21.2	0.0000185	0.000336
2099 Apr	80.9	0.0605	0.0122	0.000893	13.4	0.0362	12.4	0.000885	0.000885	0.00000455	0.00677	0.0016	0.0258	0.0252	0.00000477	21.5	0.0000186	0.00034
2099 May	83.6	0.0634	0.0144	0.000892	15.2	0.0329	11.6	0.000885	0.000885	0.00000453	0.00658	0.00165	0.0226	0.0289	0.00000471	24.2	0.0000186	0.000363
2099 Jun	81.8	0.0609	0.0145	0.00088	15	0.0311	11.1	0.000874	0.000874	0.00000446	0.00646	0.00162	0.0212	0.0288	0.00000463	24	0.0000186	0.00036
2099 Jul	85.3	0.0623	0.0149	0.00092	15.5	0.0329	11.7	0.000914	0.000914	0.00000467	0.00674	0.00169	0.0226	0.0297	0.00000485	24.8	0.0000194	0.000373
2099 Aug	88.8	0.0639	0.0153	0.000955	15.9	0.0349	12.4	0.000948	0.000948	0.00000485	0.00697	0.00176	0.0242	0.0305	0.00000504	25.5	0.0000199	0.000386
2099 Sep	87	0.0631	0.0145	0.000935	15.3	0.0353	12.4	0.000928	0.000928	0.00000475	0.00685	0.00172	0.0245	0.0292	0.00000495	24.6	0.0000192	0.000374
2099 Oct	84.9	0.0635	0.0136	0.000911	14.8	0.0356	12.3	0.000905	0.000905	0.00000463	0.00676	0.00167	0.0246	0.0279	0.00000484	23.6	0.0000187	0.000361
2099 Nov	83.5	0.0637	0.0132	0.000896	14.5	0.0356	12.2	0.00089	0.00089	0.00000456	0.0067	0.00164	0.0246	0.0272	0.00000476	23	0.0000184	0.000352
2099 Dec	83.5	0.0637	0.0132	0.000896	14.5	0.0356	12.2	0.00089	0.00089	0.00000456	0.0067	0.00164	0.0246	0.0272	0.00000477	23	0.0000184	0.000353
2100 Jan	83.6	0.0636	0.0132	0.000896	14.4	0.0356	12.3	0.000889	0.000889	0.00000456	0.0067	0.00164	0.0247	0.0272	0.00000476	23	0.0000184	0.000353
2100 Feb	83.6	0.0636	0.0132	0.000896	14.4	0.0356	12.3	0.000889	0.000889	0.00000456	0.0067	0.00164	0.0247	0.0272	0.00000476	23	0.0000184	0.000353
2100 Mar	83.7	0.0636	0.0132	0.000896	14.4	0.0357	12.3	0.000889	0.000889	0.00000456	0.0067	0.00164	0.0247	0.0272	0.00000477	23	0.0000184	0.000353
2100 Apr	84.2	0.064	0.0132	0.000901	14.5	0.0359	12.4	0.000895	0.000895	0.00000459	0.00674	0.00165	0.0249	0.0273	0.00000479	23.1	0.0000185	0.000355
2100 May	85.9	0.0641	0.014	0.000906	15.1	0.0349	12.3	0.000899	0.000899	0.00000461	0.00673	0.00168	0.0243	0.0286	0.00000481	24.1	0.0000188	0.000366
2100 Jun	79.6	0.0582	0.0141	0.000869	14.6	0.0301	10.6	0.000864	0.000864	0.00000441	0.00636	0.00158	0.0204	0.028	0.00000456	23.3	0.0000183	0.00035
2100 Jul	80.2	0.0568	0.014	0.000881	14.4	0.0307	10.8	0.000876	0.000876	0.00000447	0.00646	0.00159	0.0212	0.0277	0.00000463	23.1	0.0000187	0.000351
2100 Aug	79.1	0.0553	0.0135	0.000878	14	0.0316	10.8	0.000873	0.000873	0.00000446	0.00637	0.00157	0.0216	0.0269	0.00000463	22.5	0.000018	0.000343
2100 Sep	79	0.0548	0.0131	0.000873	13.8	0.0325	11	0.000868	0.000868	0.00000444	0.00633	0.00156	0.0223	0.0263	0.00000462	22.1	0.0000176	0.000339
2100 Oct	79.4	0.0552	0.0129	0.000869	13.7	0.0329	11.3	0.000864	0.000864	0.00000442	0.00634	0.00156	0.0229	0.026	0.00000461	22	0.0000176	0.000339
2100 Nov	79.5	0.0554	0.0128	0.000869	13.7	0.033	11.3	0.000864	0.000864	0.00000442	0.00635	0.00157	0.023	0.026	0.00000461	22	0.0000177	0.000339
2100 Dec	79.7	0.0554	0.0129	0.00087	13.7	0.0331	11.4	0.000864	0.000864	0.00000442	0.00635	0.00157	0.0231	0.026	0.00000461	22	0.0000177	0.000339
2101 Jan	79.8	0.0553	0.0128	0.000869	13.7	0.0331	11.4	0.000863	0.000863	0.00000442	0.00634	0.00157	0.0232	0.026	0.00000461	22	0.0000177	0.000339
2101 Feb	79.8	0.0553	0.0128	0.000868	13.7	0.0331	11.4	0.000863	0.000863	0.00000442	0.00634	0.00157	0.0233	0.026	0.00000461	21.9	0.0000177	0.000339
2101 Mar	79.8	0.0553	0.0128	0.000868	13.7	0.0332	11.4	0.000863	0.000863	0.00000442	0.00634	0.00157	0.0233	0.026	0.00000461	22	0.0000177	0.000339
2101 Apr	80.1	0.0555	0.0129	0.000872	13.7	0.0333	11.5	0.000866	0.000866	0.00000443	0.00637	0.00158	0.0234	0.0261	0.00000463	22	0.0000177	0.000341
2101 May	81.4	0.0568	0.0138	0.000885	14.4	0.0323	11.2	0.00088	0.00088	0.0000045	0.00641	0.0016	0.0223	0.0275	0.00000467	23.1	0.0000181	0.000351
2101 Jun	78.8	0.0547	0.0141	0.000872	14.4	0.0296	10.3	0.000868	0.000868	0.00000442	0.00627	0.00156	0.02	0.0277	0.00000457	23.1	0.0000181	0.000348
2101 Jul	82.4	0.0565	0.0147	0.000915	14.9	0.0312	10.8	0.00091	0.00091	0.00000464	0.00659	0.00163	0.0212	0.0288	0.0000048	24	0.000019	0.000363
2101 Aug	86.2	0.0584	0.0151	0.000951	15.5	0.0329	11.5	0.000947	0.000947	0.00000483	0.00685	0.0017	0.0226	0.0298	0.000005	24.9	0.0000197	0.000377
2101 Sep	84.8	0.0583	0.0144	0.000935	15	0.0336	11.5	0.00093	0.00093	0.00000475	0.00676	0.00167	0.0231	0.0286	0.00000493	24	0.0000191	0.000367
2101 Oct	84.7	0.0587	0.014	0.000923	14.7	0.0341	11.8	0.000918	0.000918	0.00000469	0.00673	0.00166	0.0237	0.0281	0.00000489	23.6	0.0000189	0.000363
2101 Nov	83.1	0.059	0.0134	0.000905	14.3	0.0342	11.7	0.0009	0.0009	0.0000046	0.00665	0.00163	0.0237	0.0272	0.0000048	22.9	0.0000185	0.000353

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2101 Dec	83.1	0.0591	0.0133	0.000904	14.3	0.0343	11.7	0.000899	0.000899	0.0000046	0.00665	0.00163	0.0237	0.0271	0.00000479	22.9	0.0000185	0.000353
2102 Jan	83.1	0.059	0.0133	0.000903	14.3	0.0343	11.7	0.000898	0.000898	0.0000046	0.00665	0.00163	0.0238	0.0271	0.00000479	22.9	0.0000185	0.000353
2102 Feb	83.2	0.059	0.0133	0.000903	14.3	0.0343	11.8	0.000898	0.000898	0.0000046	0.00665	0.00163	0.0238	0.0271	0.00000479	22.9	0.0000185	0.000353
2102 Mar	83.2	0.0591	0.0133	0.000904	14.3	0.0343	11.8	0.000899	0.000899	0.0000046	0.00665	0.00163	0.0238	0.0271	0.00000479	22.9	0.0000185	0.000353
2102 Apr	83.4	0.0592	0.0134	0.000906	14.3	0.0344	11.8	0.000901	0.000901	0.00000461	0.00667	0.00163	0.0239	0.0272	0.00000481	23	0.0000186	0.000354
2102 May	84.5	0.06	0.0136	0.000918	14.5	0.0349	11.9	0.000913	0.000913	0.00000467	0.00676	0.00165	0.0242	0.0276	0.00000487	23.3	0.0000188	0.000359
2102 Jun	73	0.0477	0.0117	0.00089	12.2	0.031	9.98	0.000886	0.000886	0.00000452	0.0066	0.00145	0.0214	0.0233	0.00000468	19.7	0.0000188	0.000316
2102 Jul	68.8	0.0428	0.0111	0.000901	11.4	0.03	9.18	0.000898	0.000898	0.00000457	0.00667	0.00138	0.0204	0.0217	0.00000472	18.5	0.0000191	0.000301
2102 Aug	70.5	0.0436	0.0112	0.000925	11.6	0.0313	9.47	0.000921	0.000921	0.00000469	0.0068	0.00142	0.0211	0.0221	0.00000485	18.8	0.0000193	0.000307
2102 Sep	70.8	0.0447	0.011	0.00093	11.7	0.0321	9.56	0.000926	0.000926	0.00000471	0.00684	0.00142	0.0214	0.022	0.00000487	18.8	0.0000191	0.000307
2102 Oct	68.8	0.0465	0.0104	0.000904	11.4	0.0321	9.41	0.0009	0.0009	0.00000458	0.00672	0.00138	0.0211	0.0212	0.00000474	18.1	0.0000185	0.000295
2102 Nov	69.1	0.0467	0.0104	0.000903	11.3	0.0323	9.5	0.000899	0.000899	0.00000458	0.00673	0.00138	0.0213	0.0211	0.00000474	18.1	0.0000185	0.000295
2102 Dec	69.3	0.0467	0.0104	0.000903	11.3	0.0323	9.55	0.000899	0.000899	0.00000458	0.00673	0.00139	0.0214	0.0211	0.00000474	18.1	0.0000185	0.000296
2103 Jan	69.3	0.0467	0.0104	0.000903	11.3	0.0323	9.55	0.000899	0.000899	0.00000458	0.00673	0.00139	0.0214	0.0211	0.00000474	18.1	0.0000185	0.000296
2103 Feb	69.3	0.0467	0.0104	0.000903	11.3	0.0323	9.55	0.000899	0.000899	0.00000458	0.00673	0.00139	0.0214	0.0212	0.00000474	18.1	0.0000185	0.000296
2103 Mar	69.4	0.0467	0.0104	0.000904	11.4	0.0324	9.56	0.0009	0.0009	0.00000459	0.00673	0.00139	0.0214	0.0212	0.00000475	18.2	0.0000185	0.000296
2103 Apr	69.6	0.0469	0.0104	0.000907	11.4	0.0325	9.6	0.000903	0.000903	0.0000046	0.00676	0.00139	0.0215	0.0213	0.00000476	18.2	0.0000186	0.000297
2103 May	72.6	0.0482	0.0113	0.000909	12	0.0321	9.91	0.000905	0.000905	0.00000462	0.00675	0.00144	0.0217	0.0227	0.00000478	19.3	0.0000189	0.000311
2103 Jun	71.3	0.0463	0.0121	0.000868	12.4	0.0284	9.18	0.000865	0.000865	0.0000044	0.00637	0.00142	0.0192	0.0237	0.00000454	20	0.0000185	0.000313
2103 Jul	71.3	0.0449	0.012	0.000887	12.2	0.0291	9.21	0.000884	0.000884	0.0000045	0.00648	0.00142	0.0195	0.0235	0.00000464	19.7	0.0000187	0.000312
2103 Aug	69.9	0.0426	0.0114	0.000894	11.9	0.0304	9.15	0.000891	0.000891	0.00000453	0.00637	0.00141	0.0196	0.0228	0.00000468	19.2	0.0000178	0.0003
2103 Sep	69	0.0447	0.0108	0.000878	11.6	0.0311	9.23	0.000874	0.000874	0.00000445	0.00633	0.00139	0.0199	0.022	0.0000046	18.6	0.0000173	0.000292
2103 Oct	66.4	0.0485	0.00991	0.000852	11.3	0.0316	9.01	0.000849	0.000849	0.00000432	0.00628	0.00133	0.0195	0.0208	0.00000447	17.7	0.0000166	0.000277
2103 Nov	66	0.0495	0.0097	0.000847	11.2	0.0318	8.99	0.000844	0.000844	0.0000043	0.00628	0.00132	0.0195	0.0205	0.00000444	17.5	0.0000165	0.000274
2103 Dec	66.1	0.0494	0.0097	0.000846	11.2	0.0319	9.03	0.000843	0.000843	0.00000429	0.00627	0.00132	0.0196	0.0205	0.00000444	17.5	0.0000165	0.000274
2104 Jan	66.1	0.0494	0.0097	0.000846	11.2	0.0319	9.03	0.000843	0.000843	0.00000429	0.00627	0.00132	0.0196	0.0205	0.00000444	17.5	0.0000165	0.000274
2104 Feb	66.1	0.0494	0.0097	0.000846	11.2	0.0319	9.04	0.000843	0.000843	0.00000429	0.00627	0.00132	0.0196	0.0205	0.00000444	17.5	0.0000165	0.000274
2104 Mar	66.2	0.0495	0.00971	0.000847	11.2	0.0319	9.04	0.000844	0.000844	0.0000043	0.00628	0.00132	0.0196	0.0205	0.00000444	17.6	0.0000165	0.000274
2104 Apr	66.6	0.0498	0.00977	0.000852	11.2	0.0321	9.1	0.000849	0.000849	0.00000432	0.00632	0.00133	0.0197	0.0207	0.00000447	17.7	0.0000166	0.000276
2104 May	69.8	0.0516	0.011	0.000866	12.2	0.0312	9.15	0.000863	0.000863	0.00000439	0.00636	0.00139	0.0191	0.0228	0.00000453	19.3	0.0000171	0.000295
2104 Jun	68.2	0.0494	0.0118	0.000842	12.5	0.0279	8.36	0.00084	0.00084	0.00000426	0.00611	0.00137	0.0169	0.0237	0.00000437	19.8	0.000017	0.000298
2104 Jul	69.5	0.0493	0.012	0.00087	12.6	0.0288	8.56	0.000868	0.000868	0.0000044	0.0063	0.0014	0.0175	0.0239	0.00000452	20	0.0000175	0.000303
2104 Aug	70.7	0.0495	0.0119	0.000887	12.7	0.03	8.82	0.000884	0.000884	0.00000449	0.00638	0.00142	0.0182	0.024	0.00000462	20.2	0.0000175	0.000305
2104 Sep	69.7	0.0497	0.0114	0.000875	12.4	0.0307	8.85	0.000873	0.000873	0.00000443	0.0063	0.0014	0.0185	0.0232	0.00000456	19.6	0.0000169	0.000298
2104 Oct	68.3	0.0518	0.0108	0.000859	12.1	0.0312	8.82	0.000856	0.000856	0.00000435	0.00627	0.00136	0.0185	0.0224	0.00000448	19	0.0000165	0.000288
2104 Nov	68	0.0525	0.0106	0.000856	12.1	0.0314	8.81	0.000853	0.000853	0.00000434	0.00628	0.00136	0.0185	0.0222	0.00000447	18.8	0.0000164	0.000286
2104 Dec	68.1	0.0525	0.0106	0.000855	12.1	0.0314	8.84	0.000853	0.000853	0.00000433	0.00627	0.00136	0.0186	0.0222	0.00000447	18.8	0.0000164	0.000286
2105 Jan	68.1	0.0525	0.0106	0.000855	12	0.0314	8.86	0.000852	0.000852	0.00000433	0.00627	0.00136	0.0186	0.0221	0.00000446	18.8	0.0000164	0.000286
2105 Feb	68.1	0.0525	0.0106	0.000855	12.1	0.0314	8.86	0.000852	0.000852	0.00000433	0.00627	0.00136	0.0186	0.0221	0.00000447	18.8	0.0000164	0.000286
2105 Mar	68.1	0.0525	0.0106	0.000855	12.1	0.0314	8.87	0.000853	0.000853	0.00000433	0.00628	0.00136	0.0186	0.0222	0.00000447	18.8	0.0000164	0.000286
2105 Apr	68.4	0.0527	0.0106	0.000858	12.1	0.0315	8.9	0.000856	0.000856	0.00000435	0.0063	0.00136	0.0187	0.0222	0.00000448	18.9	0.0000165	0.000287
2105 May	70.8	0.0539	0.0116	0.000867	12.8	0.0308	8.96	0.000865	0.000865	0.00000439	0.00632	0.00141	0.0183	0.0238	0.00000452	20.1	0.0000169	0.000302
2105 Jun	72.1	0.0541	0.0125	0.000874	13.4	0.0295	8.78	0.000872	0.000872	0.00000442	0.00632	0.00144	0.0174	0.0252	0.00000454	21.1	0.0000173	0.000314
2105 Jul	74.2	0.0546	0.0127	0.000904	13.6	0.0308	9.13	0.000901	0.000901	0.00000457	0.00651	0.00148	0.0183	0.0257	0.0000047	21.5	0.0000178	0.000321
2105 Aug	72.2	0.0518	0.012	0.000888	13.1	0.0315	9.09	0.000886	0.000886	0.0000045	0.0063	0.00145	0.0186	0.0244	0.00000463	20.5	0.0000167	0.000307
2105 Sep	69.8	0.0517	0.0108	0.000856	12.4	0.0322	9.08	0.000854	0.000854	0.00000434	0.00611	0.00139	0.019	0.0227	0.00000448	19.3	0.0000156	0.000291
2105 Oct	68.5	0.0533	0.0101	0.000833	11.9	0.0326	9.15	0.00083	0.00083	0.00000423	0.00606	0.00135	0.0193	0.0217	0.00000437	18.5	0.0000152	0.00028
2105 Nov	67.8	0.054	0.00986	0.000826	11.8	0.0327	9.12	0.000823	0.000823	0.00000419	0.00605	0.00133	0.0193	0.0213	0.00000433	18.2	0.0000151	0.000276
2105 Dec	67.9	0.054	0.00985	0.000825	11.8	0.0327	9.14	0.000823	0.000823	0.00000419	0.00605	0.00134	0.0193	0.0213	0.00000433	18.2	0.0000151	0.000276
2106 Jan	67.9	0.054	0.00985	0.000825	11.8	0.0327	9.14	0.000823	0.000823	0.00000419	0.00605	0.00134	0.0193	0.0213	0.00000433	18.2	0.0000151	0.000276
2106 Feb	67.9	0.054	0.00986	0.000825	11.8	0.0327	9.14	0.000823	0.000823	0.00000419	0.00605	0.00134	0.0193	0.0213	0.00000433	18.2	0.0000151	0.000276
2106 Mar	67.9	0.054	0.00986	0.000826	11.8	0.0327	9.14	0.000823	0.000823	0.00000419	0.00605	0.00134	0.0193	0.0213	0.00000434	18.2	0.0000151	0.000276
2106 Apr	68.2	0.0543	0.0099	0.000829	11.9	0.0328	9.18	0.000827	0.000827	0.00000421	0.00608	0.00134	0.0194	0.0214	0.00000435	18.3	0.0000152	0.000278
2106 May	70	0.0552	0.0104	0.000842	12.2	0.0329	9.35	0.00084	0.00084	0.00000428	0.00616	0.00138	0.0196	0.0222	0.00000442	19	0.0000156	0.000287
2106 Jun	67.6	0.0503	0.0111	0.000832	12.2	0.0291	8.39	0.00083	0.00083	0.00000421	0.00604	0.00134	0.0173	0.0227	0.00000433	19.1	0.0000162	0.000289
2106 Jul	68.4	0.049	0.0111	0.000863	12.1	0.0299	8.52	0.000861	0.000861	0.00000437	0.00625	0.00136	0.0179	0.0226	0.00000449	19.1	0.0000168	0.000292
2106 Aug	68.1	0.0472	0.0107	0.000866	11.9	0.0311	8.67	0.000864	0.000864	0.00000439	0.00617	0.00136	0.0184	0.0221	0.00000452	18.7	0.0000162	0.000285
2106 Sep	67.1	0.0474	0.00998	0.000846	11.5	0.0319	8.8	0.000844	0.000844	0.00000429	0.00605	0.00133	0.019	0.021	0.00000443	17.9	0.0000154	0.000276
2106 Oct	67.1	0.0487	0.00963	0.000835	11.3	0.0323	9	0.000833	0.000833	0.00000424	0.00604	0.00132	0.0195	0.0206	0.00000438	17.6	0.0000153	0.000272
2106 Nov	67.4	0.0488	0.00964	0.000836	11.3	0.0324	9.05	0.000833	0.000833	0.00000424	0.00605	0.00132	0.0196	0.0206	0.00000439	17.6	0.0000153	0.000273
2106 Dec	67.5	0.0488	0.00964	0.000835	11.3	0.0325	9.08	0.000833	0.000833	0.00000424	0.00605	0.00132	0.0197	0.0206	0.00000439	17.6	0.0000153	0.000273
2107 Jan	67.5	0.0488	0.00964	0.000835	11.3	0.0325	9.08	0.000833	0.000833	0.00000424	0.00605	0.00132	0.0197	0.0206	0.00000439	17.6	0.0000153	0.000273
2107 Feb	67.5	0.0488	0.00964	0.000835	11.3	0.0325	9.08	0.000833	0.000833	0.00000424	0.00605	0.00133	0.0197	0.0206	0.00000439	17.6	0.0000153	0.000273
2107 Mar	67.5	0.0488	0.00965	0.000836	11.3	0.0325	9.09	0.000834	0.000834	0.00000425	0.00606	0.00133	0.0197	0.0206	0.00000439	17.7	0.0000153	0.000273
2107 Apr	67.7	0.0489	0.00967	0.000838	11.3	0.0326	9.11	0.000836	0.000836	0.00000426	0.00607	0.00133	0.0197	0.0207	0.0000044	17.7	0.0000154	0.000274
2107 May	68.8	0.0499	0.0103	0.000846	11.8	0.0321	9.05	0.000844	0.000844	0.0000043	0.0061	0.00135	0.0193	0.0217	0.00000444	18.4	0.0000157	0.000282
2107 Jun	69.7	0.0503	0.0116	0.000856	12.6	0.0298	8.56	0.000855	0.000855	0.00000434	0.00612	0.00138	0.0175	0.0235	0.00000446	19.8	0.0000163	0.000297
2107 Jul	70.4	0.0494	0.0115	0.000876	12.6	0.0308	8.73	0.000874	0.000874	0.00000444	0.00621	0.0014	0.0181	0.0235	0.00000456	19.8	0.0000165	0.000297
2107 Aug	72.7	0.0501	0.0117	0.000902	12.8	0.0322	9.11	0.0009	0.0009	0.00000457	0.00637	0.00145	0.019	0.024	0.00000471	20.2	0.0000168	0.000304
2107 Sep	73.3	0.0515	0.0114	0.0009	12.8	0.033	9.37	0.000898	0.000898	0.00000457	0.00642	0.00145	0.0196	0.0237	0.00000471	20	0.0000167	0.000303
2107 Oct	72.7	0.0525	0.011	0.000886	12.5	0.0333	9.47	0.000884	0.000884	0.0000045	0.00638	0.00143	0.0199	0.0231	0.00000464	19.6	0.0000165	0.000298

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2107 Nov	72.5	0.053	0.0109	0.000883	12.4	0.0333	9.47	0.000881	0.000881	0.00000448	0.00638	0.00142	0.0199	0.0229	0.00000463	19.5	0.0000164	0.000296
2107 Dec	72.6	0.0529	0.0108	0.000881	12.4	0.0334	9.52	0.00088	0.00088	0.00000448	0.00637	0.00142	0.02	0.0229	0.00000462	19.5	0.0000164	0.000296
2108 Jan	72.7	0.0529	0.0108	0.000881	12.4	0.0334	9.53	0.000879	0.000879	0.00000447	0.00637	0.00142	0.0201	0.0229	0.00000462	19.5	0.0000164	0.000296
2108 Feb	72.7	0.0529	0.0108	0.000881	12.4	0.0334	9.53	0.000879	0.000879	0.00000448	0.00637	0.00142	0.0201	0.0229	0.00000462	19.5	0.0000164	0.000296
2108 Mar	72.8	0.0529	0.0109	0.000882	12.4	0.0334	9.54	0.00088	0.00088	0.00000448	0.00638	0.00143	0.0201	0.0229	0.00000463	19.5	0.0000165	0.000296
2108 Apr	73.4	0.0534	0.0109	0.00089	12.5	0.0337	9.62	0.000888	0.000888	0.00000452	0.00643	0.00144	0.0203	0.0231	0.00000467	19.7	0.0000166	0.000299
2108 May	74.9	0.0545	0.0112	0.000906	12.8	0.0343	9.8	0.000904	0.000904	0.0000046	0.00655	0.00147	0.0206	0.0237	0.00000475	20.1	0.0000169	0.000305
2108 Jun	70.5	0.0495	0.0112	0.000907	12.3	0.0315	8.74	0.000906	0.000906	0.0000046	0.00656	0.0014	0.0187	0.0229	0.00000472	19.4	0.0000175	0.000297
2108 Jul	72.8	0.05	0.0115	0.00095	12.6	0.0327	9.03	0.000948	0.000948	0.00000481	0.00687	0.00145	0.0195	0.0234	0.00000494	19.8	0.0000185	0.000307
2108 Aug	76.5	0.0521	0.0119	0.000993	13.1	0.0346	9.57	0.000991	0.000991	0.00000503	0.00717	0.00152	0.0207	0.0244	0.00000517	20.7	0.0000192	0.000321
2108 Sep	77	0.0527	0.0117	0.00099	13	0.0352	9.78	0.000988	0.000988	0.00000502	0.00717	0.00152	0.0213	0.0242	0.00000517	20.6	0.0000191	0.00032
2108 Oct	73.3	0.0548	0.0107	0.000948	12.5	0.0349	9.39	0.000946	0.000946	0.00000481	0.00698	0.00144	0.0205	0.0227	0.00000495	19.4	0.0000181	0.000301
2108 Nov	72.9	0.0554	0.0106	0.000943	12.4	0.035	9.36	0.000942	0.000942	0.00000478	0.00697	0.00143	0.0204	0.0225	0.00000493	19.3	0.000018	0.000298
2108 Dec	73	0.0554	0.0106	0.000943	12.4	0.035	9.4	0.000941	0.000941	0.00000478	0.00697	0.00144	0.0205	0.0225	0.00000492	19.3	0.000018	0.000299
2109 Jan	73	0.0554	0.0106	0.000943	12.4	0.035	9.4	0.000941	0.000941	0.00000478	0.00697	0.00144	0.0205	0.0225	0.00000492	19.3	0.000018	0.000299
2109 Feb	73	0.0554	0.0106	0.000943	12.4	0.035	9.4	0.000941	0.000941	0.00000478	0.00697	0.00144	0.0205	0.0225	0.00000493	19.3	0.000018	0.000299
2109 Mar	73.1	0.0555	0.0106	0.000944	12.4	0.035	9.41	0.000942	0.000942	0.00000479	0.00698	0.00144	0.0205	0.0225	0.00000493	19.3	0.000018	0.000299
2109 Apr	73.5	0.0558	0.0106	0.000949	12.5	0.0352	9.46	0.000948	0.000948	0.00000481	0.00702	0.00145	0.0207	0.0227	0.00000496	19.4	0.0000181	0.000301
2109 May	75	0.0569	0.0115	0.000956	13.1	0.0344	9.37	0.000954	0.000954	0.00000484	0.00702	0.00148	0.02	0.0241	0.00000498	20.4	0.0000184	0.000312
2109 Jun	76.5	0.0575	0.0128	0.000963	14	0.0325	9.06	0.000961	0.000961	0.00000487	0.00699	0.00151	0.0185	0.026	0.00000499	21.9	0.0000188	0.000328
2109 Jul	77.8	0.0566	0.0127	0.00098	13.9	0.0335	9.37	0.000978	0.000978	0.00000496	0.00708	0.00154	0.0194	0.026	0.00000509	21.9	0.000019	0.000329
2109 Aug	79.6	0.0564	0.0128	0.000999	14	0.0349	9.77	0.000998	0.000998	0.00000506	0.00717	0.00158	0.0203	0.0262	0.0000052	22.1	0.0000191	0.000333
2109 Sep	78.7	0.0566	0.0121	0.000975	13.6	0.0352	9.89	0.000974	0.000974	0.00000495	0.00705	0.00155	0.0207	0.0253	0.00000509	21.4	0.0000185	0.000324
2109 Oct	75.3	0.0582	0.011	0.00093	12.9	0.0351	9.66	0.000928	0.000928	0.00000472	0.00686	0.00147	0.0204	0.0235	0.00000486	20	0.0000176	0.000304
2109 Nov	75.4	0.0585	0.0109	0.000928	12.9	0.0352	9.72	0.000926	0.000926	0.00000471	0.00686	0.00147	0.0206	0.0234	0.00000486	20	0.0000176	0.000304
2109 Dec	75.5	0.0585	0.0109	0.000927	12.9	0.0353	9.75	0.000926	0.000926	0.00000471	0.00686	0.00147	0.0206	0.0234	0.00000486	20	0.0000176	0.000304
2110 Jan	75.5	0.0585	0.0109	0.000927	12.9	0.0353	9.76	0.000926	0.000926	0.00000471	0.00686	0.00147	0.0207	0.0234	0.00000486	20	0.0000176	0.000304
2110 Feb	75.6	0.0585	0.0109	0.000928	12.9	0.0353	9.76	0.000926	0.000926	0.00000471	0.00686	0.00147	0.0207	0.0234	0.00000486	20	0.0000176	0.000304
2110 Mar	75.6	0.0585	0.0109	0.000928	12.9	0.0353	9.77	0.000927	0.000927	0.00000471	0.00687	0.00147	0.0207	0.0235	0.00000486	20	0.0000176	0.000304
2110 Apr	75.9	0.0587	0.011	0.000932	12.9	0.0354	9.8	0.00093	0.00093	0.00000473	0.00689	0.00147	0.0207	0.0235	0.00000488	20.1	0.0000177	0.000305
2110 May	77.2	0.0591	0.0112	0.000935	13.1	0.0354	9.97	0.000934	0.000934	0.00000475	0.00691	0.00149	0.021	0.024	0.0000049	20.4	0.0000179	0.000311
2110 Jun	75.3	0.0538	0.012	0.000888	13	0.031	9.31	0.000886	0.000886	0.0000045	0.00651	0.00145	0.019	0.0245	0.00000464	20.6	0.0000178	0.000312
2110 Jul	75.9	0.053	0.012	0.000913	13	0.0318	9.4	0.000911	0.000911	0.00000463	0.00666	0.00147	0.0195	0.0245	0.00000477	20.6	0.0000182	0.000314
2110 Aug	70.7	0.0474	0.0107	0.000883	12	0.0323	8.89	0.000881	0.000881	0.00000448	0.00623	0.00139	0.0189	0.0224	0.00000461	18.9	0.0000161	0.000286
2110 Sep	67.4	0.0494	0.00952	0.000843	11.3	0.0325	8.67	0.000841	0.000841	0.00000428	0.00605	0.00131	0.0186	0.0206	0.00000441	17.6	0.000015	0.000267
2110 Oct	64.5	0.0535	0.00857	0.000816	10.9	0.0329	8.39	0.000815	0.000815	0.00000414	0.00604	0.00125	0.0182	0.0193	0.00000427	16.6	0.0000145	0.000251
2110 Nov	64	0.054	0.00837	0.000809	10.8	0.0329	8.38	0.000807	0.000807	0.00000411	0.00601	0.00124	0.0181	0.019	0.00000423	16.4	0.0000143	0.000248
2110 Dec	64.2	0.054	0.00836	0.000808	10.8	0.0329	8.41	0.000807	0.000807	0.0000041	0.00601	0.00124	0.0182	0.019	0.00000423	16.4	0.0000143	0.000248
2111 Jan	64.2	0.054	0.00836	0.000807	10.8	0.0329	8.43	0.000806	0.000806	0.0000041	0.00601	0.00124	0.0183	0.019	0.00000423	16.4	0.0000143	0.000248
2111 Feb	64.2	0.054	0.00836	0.000807	10.8	0.0329	8.43	0.000806	0.000806	0.0000041	0.00601	0.00124	0.0183	0.019	0.00000423	16.4	0.0000143	0.000248
2111 Mar	64.3	0.054	0.00837	0.000809	10.8	0.033	8.44	0.000807	0.000807	0.00000411	0.00602	0.00124	0.0183	0.019	0.00000424	16.4	0.0000144	0.000249
2111 Apr	64.7	0.0544	0.00843	0.000814	10.9	0.0332	8.5	0.000813	0.000813	0.00000413	0.00605	0.00125	0.0184	0.0191	0.00000426	16.5	0.0000145	0.00025
2111 May	66.6	0.0556	0.00916	0.00083	11.5	0.0329	8.53	0.000829	0.000829	0.00000421	0.00614	0.00129	0.0182	0.0204	0.00000434	17.5	0.0000149	0.000262
2111 Jun	68.1	0.0547	0.011	0.000841	12.6	0.0297	8.01	0.00084	0.00084	0.00000425	0.00611	0.00133	0.0161	0.023	0.00000436	19.4	0.0000158	0.000284
2111 Jul	71.2	0.056	0.0114	0.000881	13	0.0311	8.43	0.00088	0.00088	0.00000446	0.0064	0.00139	0.0171	0.0238	0.00000457	20.1	0.0000167	0.000296
2111 Aug	69.4	0.0528	0.0107	0.000871	12.4	0.0318	8.37	0.00087	0.00087	0.00000441	0.00621	0.00136	0.0174	0.0227	0.00000452	19.2	0.0000156	0.000283
2111 Sep	69.1	0.0522	0.0102	0.000858	12.1	0.0326	8.55	0.000857	0.000857	0.00000435	0.00611	0.00135	0.018	0.0219	0.00000447	18.6	0.000015	0.000278
2111 Oct	67.3	0.0535	0.00953	0.000832	11.7	0.0326	8.48	0.000831	0.000831	0.00000422	0.00603	0.0013	0.018	0.0208	0.00000434	17.8	0.0000146	0.000266
2111 Nov	66.2	0.0549	0.00909	0.000819	11.4	0.0327	8.41	0.000818	0.000818	0.00000415	0.00601	0.00127	0.0179	0.0202	0.00000428	17.4	0.0000144	0.000259
2111 Dec	66.3	0.0549	0.00907	0.000818	11.4	0.0327	8.44	0.000817	0.000817	0.00000415	0.00601	0.00128	0.018	0.0202	0.00000428	17.3	0.0000144	0.000259
2112 Jan	66.3	0.0549	0.00907	0.000818	11.4	0.0328	8.46	0.000816	0.000816	0.00000415	0.006	0.00128	0.018	0.0202	0.00000427	17.3	0.0000144	0.000259
2112 Feb	66.4	0.0548	0.00907	0.000817	11.4	0.0328	8.47	0.000816	0.000816	0.00000415	0.006	0.00128	0.018	0.0202	0.00000427	17.3	0.0000144	0.000259
2112 Mar	66.5	0.0549	0.00908	0.000819	11.4	0.0328	8.49	0.000818	0.000818	0.00000416	0.00601	0.00128	0.0181	0.0202	0.00000428	17.4	0.0000144	0.00026
2112 Apr	66.9	0.0552	0.00913	0.000823	11.5	0.033	8.53	0.000822	0.000822	0.00000418	0.00605	0.00129	0.0182	0.0203	0.00000431	17.5	0.0000145	0.000261
2112 May	69.3	0.0562	0.01	0.000835	12.1	0.0324	8.64	0.000834	0.000834	0.00000424	0.0061	0.00133	0.018	0.0218	0.00000436	18.6	0.000015	0.000276
2112 Jun	66.8	0.0508	0.0112	0.000804	12.3	0.0274	7.68	0.000803	0.000803	0.00000407	0.0058	0.0013	0.0153	0.0228	0.00000417	19.1	0.0000155	0.000281
2112 Jul	66.8	0.0487	0.011	0.000822	12	0.0278	7.75	0.000821	0.000821	0.00000416	0.00593	0.0013	0.0158	0.0224	0.00000426	18.8	0.0000159	0.00028
2112 Aug	69.2	0.0494	0.0111	0.000841	12.2	0.0292	8.2	0.00084	0.00084	0.00000426	0.00604	0.00134	0.0169	0.0227	0.00000437	19.1	0.0000161	0.000287
2112 Sep	69.8	0.049	0.0106	0.000827	11.9	0.03	8.54	0.000826	0.000826	0.0000042	0.00597	0.00133	0.0179	0.022	0.00000432	18.6	0.0000157	0.000283
2112 Oct	69.9	0.0495	0.0102	0.000812	11.6	0.0303	8.76	0.000811	0.000811	0.00000412	0.00592	0.00132	0.0184	0.0214	0.00000426	18.2	0.0000155	0.000278
2112 Nov	70.2	0.0496	0.0101	0.000808	11.6	0.0304	8.87	0.000807	0.000807	0.00000411	0.00591	0.00132	0.0187	0.0213	0.00000425	18.1	0.0000155	0.000278
2112 Dec	70.3	0.0496	0.0101	0.000808	11.6	0.0304	8.89	0.000807	0.000807	0.00000411	0.00591	0.00132	0.0187	0.0213	0.00000425	18.1	0.0000155	0.000278
2113 Jan	70.3	0.0495	0.0101	0.000807	11.6	0.0304	8.91	0.000806	0.000806	0.00000411	0.00591	0.00132	0.0188	0.0213	0.00000424	18.1	0.0000155	0.000278
2113 Feb	70.3	0.0495	0.0101	0.000807	11.6	0.0305	8.91	0.000806	0.000806	0.00000411	0.00591	0.00132	0.0188	0.0213	0.00000424	18.1	0.0000155	0.000278
2113 Mar	70.5	0.0497	0.0101	0.000809	11.6	0.0305	8.94	0.000808	0.000808	0.00000412	0.00592	0.00132	0.0188	0.0214	0.00000426	18.2	0.0000155	0.000279
2113 Apr	70.9	0.0499	0.0102	0.000814	11.7	0.0307	8.99	0.000813	0.000813	0.00000414	0.00595	0.00133	0.0189	0.0215	0.00000428	18.3	0.0000156	0.00028
2113 May	72.9	0.0511	0.0109	0.000826	12.2	0.0305	9.09	0.000825	0.000825	0.0000042	0.00602	0.00137	0.0188	0.0227	0.00000434	19.2	0.000016	0.000292
2113 Jun	72.5	0.0505	0.012	0.000829	12.8	0.028	8.52	0.000828	0.000828	0.0000042	0.00598	0.00138	0.017	0.0242	0.00000432	20.2	0.0000165	0.000302
2113 Jul	74	0.0504	0.0121	0.000858	12.9	0.0292	8.72	0.000857	0.000857	0.00000435	0.00614	0.00141	0.0175	0.0245	0.00000447	20.5	0.0000168	0.000306
2113 Aug	75.4	0.0502	0.0121	0.000875	13	0.0304	9.02	0.000874	0.000874	0.00000444	0.00621	0.00144	0.0183	0.0246	0.00000457	20.6	0.0000168	0.000308
2113 Sep	74.5	0.0508	0.0115	0.00086	12.7	0.0309	9.06	0.000859	0.000859	0.00000437	0.00615	0.00141	0.0186	0.0237	0.0000045	20	0.0000163	0.0003
2113 Oct	70.4	0.0535	0.0102	0.000822	12	0.0311	8.71	0.000822	0.000822	0.00000418	0.00604	0.00133	0.0181	0.0218	0.0000043	18.5	0.0000155	0.000278
2113 Nov	69.8	0.0546	0.00993	0.000817	11.8	0.0313	8.67	0.000816	0.000816	0.00000415	0.00604	0.00131	0.018	0.0214	0.00000428	18.3	0.0000153	0.000274

Appendix C.2-11: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2113 Dec	69.8	0.0546	0.00993	0.000817	11.8	0.0314	8.69	0.000816	0.000816	0.00000415	0.00605	0.00131	0.0181	0.0214	0.00000428	18.3	0.0000153	0.000274
2114 Jan	69.9	0.0546	0.00993	0.000817	11.8	0.0314	8.7	0.000816	0.000816	0.00000415	0.00604	0.00131	0.0181	0.0214	0.00000428	18.3	0.0000153	0.000274
2114 Feb	69.9	0.0546	0.00993	0.000817	11.8	0.0314	8.7	0.000816	0.000816	0.00000415	0.00604	0.00131	0.0181	0.0214	0.00000428	18.3	0.0000153	0.000274
2114 Mar	70	0.0547	0.00994	0.000818	11.8	0.0314	8.71	0.000817	0.000817	0.00000416	0.00605	0.00132	0.0181	0.0215	0.00000428	18.3	0.0000154	0.000275
2114 Apr	70.2	0.0549	0.00998	0.000821	11.9	0.0315	8.75	0.00082	0.00082	0.00000417	0.00608	0.00132	0.0182	0.0215	0.0000043	18.3	0.0000154	0.000276
2114 May	72.1	0.0553	0.0108	0.000825	12.4	0.0306	8.79	0.000824	0.000824	0.00000419	0.00606	0.00136	0.0179	0.0228	0.00000431	19.3	0.0000158	0.000288
2114 Jun	74.6	0.0556	0.012	0.000844	13.2	0.0295	8.79	0.000843	0.000843	0.00000428	0.00615	0.00141	0.0173	0.0247	0.0000044	20.7	0.0000166	0.000306
2114 Jul	78.5	0.0573	0.0125	0.000887	13.7	0.0312	9.32	0.000886	0.000886	0.0000045	0.00646	0.00148	0.0185	0.0257	0.00000463	21.5	0.0000174	0.000319
2114 Aug	82.6	0.0593	0.0129	0.000925	14.2	0.033	9.94	0.000924	0.000924	0.00000469	0.00672	0.00155	0.0199	0.0266	0.00000484	22.4	0.0000181	0.000333
2114 Sep	80.7	0.059	0.0121	0.0009	13.7	0.0334	9.88	0.000899	0.000899	0.00000457	0.00658	0.0015	0.0201	0.0253	0.00000472	21.4	0.0000173	0.00032
2114 Oct	78.3	0.0596	0.0111	0.000868	13.1	0.0334	9.77	0.000867	0.000867	0.00000441	0.00645	0.00144	0.02	0.0239	0.00000456	20.3	0.0000167	0.000305
2114 Nov	76.1	0.0602	0.0104	0.000844	12.6	0.0334	9.61	0.000843	0.000843	0.00000429	0.00635	0.0014	0.0198	0.0228	0.00000444	19.4	0.0000162	0.000292
2114 Dec	76.1	0.0602	0.0104	0.000842	12.6	0.0334	9.63	0.000841	0.000841	0.00000429	0.00634	0.0014	0.0199	0.0227	0.00000443	19.4	0.0000162	0.000292
2115 Jan	76.1	0.0602	0.0104	0.000842	12.6	0.0334	9.64	0.000841	0.000841	0.00000429	0.00634	0.0014	0.0199	0.0227	0.00000443	19.4	0.0000162	0.000292
2115 Feb	76.2	0.0602	0.0104	0.000842	12.6	0.0334	9.65	0.000841	0.000841	0.00000428	0.00634	0.0014	0.0199	0.0227	0.00000443	19.4	0.0000162	0.000292
2115 Mar	76.2	0.0602	0.0104	0.000842	12.6	0.0334	9.66	0.000841	0.000841	0.00000429	0.00635	0.0014	0.02	0.0227	0.00000444	19.4	0.0000162	0.000292
2115 Apr	76.6	0.0605	0.0105	0.000847	12.6	0.0336	9.71	0.000846	0.000846	0.00000431	0.00638	0.0014	0.0201	0.0228	0.00000446	19.5	0.0000163	0.000294
2115 May	77.6	0.0611	0.0114	0.000857	13.3	0.0325	9.53	0.000856	0.000856	0.00000435	0.00639	0.00144	0.0192	0.0242	0.00000449	20.5	0.0000166	0.000305
2115 Jun	80.5	0.0627	0.0126	0.000889	14.2	0.0322	9.57	0.000889	0.000889	0.00000451	0.00657	0.0015	0.0188	0.0262	0.00000464	22.1	0.0000175	0.000325
2115 Jul	83.2	0.0639	0.0129	0.000929	14.6	0.0338	9.91	0.000929	0.000929	0.00000472	0.00682	0.00156	0.0196	0.027	0.00000485	22.7	0.000018	0.000334
2115 Aug	79.8	0.06	0.0121	0.000911	13.9	0.034	9.59	0.00091	0.00091	0.00000462	0.00656	0.0015	0.0193	0.0255	0.00000476	21.5	0.0000168	0.000316
2115 Sep	79.5	0.0589	0.0116	0.000901	13.6	0.0345	9.7	0.0009	0.0009	0.00000457	0.00647	0.00149	0.0198	0.0248	0.00000472	21	0.0000162	0.000311
2115 Oct	79.7	0.0588	0.0113	0.000888	13.3	0.0347	9.88	0.000887	0.000887	0.00000452	0.00642	0.00148	0.0203	0.0243	0.00000466	20.7	0.0000161	0.000308
2115 Nov	78.7	0.0593	0.0109	0.000875	13.1	0.0347	9.83	0.000874	0.000874	0.00000445	0.00638	0.00145	0.0203	0.0237	0.0000046	20.2	0.0000159	0.000301
2115 Dec	78.7	0.0593	0.0109	0.000874	13.1	0.0347	9.84	0.000873	0.000873	0.00000445	0.00638	0.00145	0.0203	0.0237	0.0000046	20.2	0.0000159	0.000301
2116 Jan	78.8	0.0593	0.0109	0.000874	13.1	0.0347	9.86	0.000873	0.000873	0.00000444	0.00637	0.00145	0.0203	0.0237	0.00000459	20.2	0.0000159	0.000301
2116 Feb	78.8	0.0593	0.0109	0.000874	13.1	0.0347	9.87	0.000873	0.000873	0.00000445	0.00638	0.00145	0.0203	0.0237	0.0000046	20.2	0.0000159	0.000301
2116 Mar	78.9	0.0593	0.0109	0.000875	13.1	0.0348	9.87	0.000874	0.000874	0.00000445	0.00638	0.00145	0.0204	0.0237	0.0000046	20.2	0.0000159	0.000301
2116 Apr	79.3	0.0596	0.011	0.000879	13.1	0.0349	9.92	0.000878	0.000878	0.00000447	0.00641	0.00146	0.0205	0.0238	0.00000462	20.3	0.000016	0.000303
2116 May	80.9	0.0598	0.0116	0.00088	13.5	0.0342	10	0.000879	0.000879	0.00000448	0.0064	0.00149	0.0203	0.0248	0.00000463	21	0.0000163	0.000313
2116 Jun	76.4	0.0545	0.0124	0.000841	13.4	0.0292	8.87	0.000841	0.000841	0.00000427	0.00605	0.00143	0.0173	0.0252	0.00000439	21.1	0.0000164	0.000311
2116 Jul	78.9	0.0552	0.0127	0.000882	13.7	0.0304	9.14	0.000881	0.000881	0.00000447	0.00635	0.00147	0.0181	0.0258	0.0000046	21.6	0.0000173	0.000321
2116 Aug	81.7	0.0566	0.013	0.000912	14.1	0.0318	9.55	0.000911	0.000911	0.00000463	0.00655	0.00152	0.0191	0.0265	0.00000476	22.2	0.0000177	0.00033
2116 Sep	78.6	0.0569	0.0119	0.000881	13.4	0.0321	9.33	0.00088	0.00088	0.00000447	0.00639	0.00146	0.0189	0.0248	0.00000461	20.9	0.0000168	0.000312
2116 Oct	75.5	0.059	0.0108	0.000852	12.8	0.0324	9.11	0.000851	0.000851	0.00000432	0.00631	0.00139	0.0187	0.0232	0.00000446	19.7	0.0000161	0.000294
2116 Nov	75.4	0.0595	0.0107	0.000849	12.7	0.0326	9.15	0.000848	0.000848	0.00000431	0.00632	0.00138	0.0188	0.023	0.00000445	19.6	0.000016	0.000292
2116 Dec	75.5	0.0594	0.0106	0.000848	12.7	0.0326	9.17	0.000847	0.000847	0.00000431	0.00631	0.00138	0.0189	0.023	0.00000444	19.6	0.000016	0.000292
2117 Jan	75.5	0.0594	0.0106	0.000848	12.7	0.0326	9.18	0.000847	0.000847	0.00000431	0.00631	0.00138	0.0189	0.0229	0.00000444	19.5	0.000016	0.000292
2117 Feb	75.5	0.0594	0.0106	0.000848	12.7	0.0326	9.18	0.000847	0.000847	0.00000431	0.00631	0.00138	0.0189	0.0229	0.00000444	19.5	0.000016	0.000292
2117 Mar	75.6	0.0595	0.0107	0.000849	12.7	0.0327	9.19	0.000848	0.000848	0.00000431	0.00632	0.00139	0.0189	0.023	0.00000445	19.6	0.0000161	0.000292
2117 Apr	76.1	0.0598	0.0107	0.000854	12.8	0.0329	9.25	0.000853	0.000853	0.00000434	0.00636	0.00139	0.019	0.0231	0.00000447	19.7	0.0000162	0.000294
2117 May	77.5	0.0608	0.0114	0.000868	13.3	0.0325	9.24	0.000868	0.000868	0.00000441	0.00643	0.00143	0.0187	0.0242	0.00000454	20.5	0.0000166	0.000305
2117 Jun	78.6	0.061	0.0126	0.000888	14.1	0.0312	8.98	0.000888	0.000888	0.0000045	0.0065	0.00147	0.0176	0.026	0.00000462	21.8	0.0000172	0.00032
2117 Jul	81.8	0.0625	0.013	0.00093	14.5	0.0328	9.38	0.00093	0.00093	0.00000471	0.00678	0.00153	0.0185	0.0269	0.00000484	22.6	0.0000179	0.000331
2117 Aug	83.1	0.0628	0.013	0.000948	14.7	0.0338	9.58	0.000948	0.000948	0.00000481	0.00687	0.00156	0.0191	0.027	0.00000493	22.7	0.000018	0.000334
2117 Sep	83.7	0.0632	0.0128	0.000948	14.6	0.0344	9.75	0.000947	0.000947	0.00000481	0.00689	0.00156	0.0195	0.0268	0.00000494	22.6	0.0000179	0.000333
2117 Oct	82.4	0.0636	0.0123	0.000931	14.2	0.0344	9.7	0.00093	0.00093	0.00000472	0.00682	0.00153	0.0195	0.026	0.00000486	22	0.0000176	0.000325
2117 Nov	81.9	0.0638	0.0121	0.000926	14.1	0.0345	9.66	0.000925	0.000925	0.0000047	0.0068	0.00151	0.0195	0.0258	0.00000483	21.8	0.0000174	0.000322
2117 Dec	81.9	0.0637	0.0121	0.000925	14.1	0.0345	9.68	0.000924	0.000924	0.00000469	0.0068	0.00151	0.0195	0.0257	0.00000483	21.8	0.0000174	0.000322
2118 Jan	81.9	0.0637	0.0121	0.000925	14.1	0.0345	9.68	0.000924	0.000924	0.00000469	0.0068	0.00151	0.0196	0.0257	0.00000483	21.8	0.0000174	0.000322
2118 Feb	82	0.0637	0.0121	0.000925	14.1	0.0345	9.69	0.000924	0.000924	0.00000469	0.0068	0.00151	0.0196	0.0257	0.00000483	21.8	0.0000174	0.000322
2118 Mar	82	0.0637	0.0121	0.000925	14.1	0.0345	9.69	0.000925	0.000925	0.00000469	0.0068	0.00152	0.0196	0.0257	0.00000483	21.8	0.0000174	0.000322
2118 Apr	82.5	0.0642	0.0123	0.000929	14.3	0.0346	9.74	0.000928	0.000928	0.00000471	0.00683	0.00153	0.0196	0.026	0.00000485	22	0.0000175	0.000324
2118 May	82.9	0.0644	0.0135	0.000928	15	0.0325	9.39	0.000927	0.000927	0.0000047	0.00673	0.00155	0.0181	0.0278	0.00000482	23.3	0.0000178	0.000337
2118 Jun	79	0.0603	0.0141	0.000896	15	0.0287	8.45	0.000895	0.000895	0.00000453	0.00642	0.0015	0.0156	0.0282	0.00000462	23.4	0.0000176	0.000335
2118 Jul	82.8	0.0624	0.0146	0.000944	15.6	0.0303	8.88	0.000944	0.000944	0.00000477	0.00676	0.00158	0.0166	0.0293	0.00000487	24.4	0.0000185	0.00035
2118 Aug	81.4	0.0601	0.0139	0.000934	15.1	0.031	8.87	0.000933	0.000933	0.00000472	0.00661	0.00154	0.017	0.0281	0.00000482	23.5	0.0000177	0.000339
2118 Sep	76.4	0.0596	0.0123	0.000884	13.9	0.0313	8.53	0.000884	0.000884	0.00000447	0.00634	0.00144	0.0168	0.0255	0.00000458	21.4	0.0000163	0.000311
2118 Oct	74.1	0.0606	0.0112	0.000853	13.2	0.0315	8.45	0.000853	0.000853	0.00000432	0.00624	0.00138	0.0169	0.0239	0.00000443	20.2	0.0000157	0.000294
2118 Nov	73.6	0.0608	0.011	0.000845	13.1	0.0316	8.46	0.000844	0.000844	0.00000428	0.00621	0.00136	0.017	0.0235	0.00000439	19.9	0.0000155	0.00029
2118 Dec	73.6	0.0608	0.011	0.000845	13.1	0.0316	8.47	0.000844	0.000844	0.00000428	0.00622	0.00136	0.017	0.0235	0.00000439	19.9	0.0000155	0.00029
2119 Jan	73.7	0.0608	0.011	0.000845	13.1	0.0316	8.47	0.000844	0.000844	0.00000428	0.00621	0.00136	0.017	0.0235	0.00000439	19.9	0.0000155	0.00029
2119 Feb	73.7	0.0608	0.011	0.000845	13.1	0.0316	8.48	0.000844	0.000844	0.00000428	0.00621	0.00136	0.017	0.0235	0.00000439	19.9	0.0000155	0.00029
2119 Mar	73.8	0.0609	0.011	0.000846	13.1	0.0317	8.5	0.000846	0.000846	0.00000429	0.00623	0.00137	0.0171	0.0235	0.0000044	19.9	0.0000156	0.000291
2119 Apr	75.3	0.0622	0.0114	0.000854	13.5	0.0317	8.62	0.000854	0.000854	0.00000433	0.00627	0.0014	0.017	0.0243	0.00000444	20.6	0.0000157	0.000298
2119 May	79.1	0.0649	0.0139	0.000856	15.3	0.029	8.5	0.000856	0.000856	0.00000433	0.00613	0.00149	0.0152	0.0283	0.00000442	23.5	0.0000162	0.00033
2119 Jun	77.4	0.0619	0.0138	0.000852	14.9	0.0278	8.19	0.000852	0.000852	0.0000043	0.00609	0.00146	0.0147	0.0279	0.00000439	23.2	0.0000164	0.000327
2119 Jul	80.5	0.063	0.0142	0.000893	15.3	0.0291	8.56	0.000893	0.000893	0.00000451	0.0064	0.00152	0.0156	0.0287	0.0000046	23.8	0.0000173	0.000338
2119 Aug	81.4	0.0629	0.0141	0.000909	15.3	0.0304	8.74	0.000908	0.000908	0.00000459	0.00646	0.00153	0.0163	0.0285	0.00000469	23.8	0.0000171	0.000339
2119 Sep	78.9	0.0618	0.0131	0.000882	14.6	0.0308	8.63	0.000882	0.000882	0.00000446	0.00629	0.00147	0.0165	0.0268	0.00000456	22.5	0.0000163	0.000322
2119 Oct	76.7	0.0622	0.0122	0.000857	14	0.0309	8.53	0.000857	0.000857	0.00000434	0.00621	0.00142	0.0165	0.0255	0.00000444	21.5	0.0000158	0.000308
2119 Nov	75.8	0.0624	0.0118	0.000847	13.8	0.031	8.48	0.000847	0.000847	0.00000429	0.00617	0.0014	0.0165	0.0249	0.00000439	21	0.0000156	0.000302
2119 Dec	75.8	0.0623	0.0118	0.000847	13.8	0.031	8.49	0.000847	0.000847	0.00000429	0.00617	0.0014	0.0165	0.0249	0.00000439	21	0.0000156	0.000303

Appendix C.2-11: J1

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000215	0.000879	0.121	0.0000108	1.25	2.06	0.0322	0.000236	4.13	0.00125	0.0108	0.000249	0.000187	0.0000635	0.0833	0.00000215	0.0000667	0.000588	0.00187	
Operation (2024-2031): Mean	0.00032	0.00102	0.151	0.0000115	1.51	2.75	0.0502	0.000266	5.18	0.00143	0.0116	0.000409	0.000199	0.0000812	0.11	0.00000229	0.0000736	0.00075	0.00199	
Operation (2024-2031): Max	0.000458	0.00117	0.188	0.0000122	1.81	3.59	0.0745	0.000285	6.34	0.00163	0.0122	0.000627	0.000216	0.000103	0.141	0.00000244	0.0000792	0.000972	0.00215	
Active Closure (2032-2038): Min	0.000202	0.000831	0.114	0.00000962	1.18	1.94	0.03	0.000224	3.9	0.00116	0.00988	0.00023	0.000147	0.0000597	0.0785	0.00000192	0.000063	0.000535	0.00162	
Active Closure (2032-2038): Mean	0.000252	0.00091	0.127	0.0000105	1.3	2.28	0.0382	0.000266	4.46	0.00125	0.0106	0.000302	0.000168	0.0000672	0.0917	0.00000209	0.0000676	0.000603	0.00177	
Active Closure (2032-2038): Max	0.00033	0.00104	0.152	0.0000117	1.52	2.81	0.0515	0.000298	5.28	0.00142	0.0117	0.000418	0.000191	0.0000814	0.112	0.00000234	0.000075	0.000745	0.00201	
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000193	0.000851	0.0909	0.00000907	1.51	2.47	0.0344	0.000298	3.84	0.00131	0.0085	0.00015	0.000162	0.0000803	0.104	0.00000165	0.0000752	0.00044	0.00122	0.000000243
Post Closure (2039-2119): Mean	0.000307	0.00111	0.126	0.0000103	2.93	4.18	0.0556	0.000598	7.74	0.00235	0.00956	0.000347	0.0004	0.000164	0.183	0.00000205	0.000447	0.000678	0.00167	0.00119
Post Closure (2039-2119): Max	0.000449	0.00153	0.163	0.0000118	5.56	7.11	0.0879	0.00113	26.1	0.00423	0.0117	0.000538	0.000809	0.000316	0.326	0.00000261	0.00105	0.000991	0.00218	0.00191
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan	0.000436	0.00113	0.18	0.0000111	1.74	3.44	0.0707	0.000267	6.11	0.00157	0.0118	0.000594	0.000201	0.0000986	0.136	0.00000221	0.0000762	0.000925	0.0019	
2024 Feb	0.000436	0.00113	0.18	0.0000111	1.74	3.44	0.0707	0.000267	6.11	0.00157	0.0118	0.000594	0.000201	0.0000986	0.136	0.00000221	0.0000762	0.000925	0.0019	
2024 Mar	0.000436	0.00113	0.18	0.0000111	1.74	3.44	0.0707	0.000267	6.11	0.00157	0.0118	0.000595	0.000201	0.0000987	0.136	0.00000222	0.0000762	0.000925	0.0019	
2024 Apr	0.000437	0.00113	0.181	0.0000111	1.74	3.45	0.0709	0.000268	6.12	0.00157	0.0118	0.000596	0.000201	0.0000988	0.136	0.00000222	0.0000763	0.000927	0.00191	
2024 May	0.000445	0.00114	0.183	0.0000112	1.77	3.5	0.0722	0.000269	6.21	0.00159	0.0119	0.000607	0.000204	0.0001	0.138	0.00000224	0.0000771	0.000942	0.00192	
2024 Jun	0.000441	0.00111	0.18	0.0000108	1.72	3.44	0.0719	0.000251	6.05	0.00155	0.0115	0.000607	0.000201	0.0000985	0.135	0.00000215	0.000074	0.000935	0.00187	
2024 Jul	0.000452	0.00114	0.185	0.0000112	1.78	3.53	0.0737	0.000258	6.23	0.0016	0.0119	0.000622	0.000209	0.000101	0.139	0.00000223	0.0000765	0.000963	0.00194	
2024 Aug	0.000458	0.00116	0.188	0.0000114	1.81	3.59	0.0745	0.000267	6.34	0.00163	0.0121	0.000627	0.000211	0.000103	0.141	0.00000229	0.0000782	0.000972	0.00198	
2024 Sep	0.000445	0.00115	0.184	0.0000113	1.78	3.51	0.0721	0.000274	6.24	0.0016	0.012	0.000606	0.000204	0.000101	0.139	0.00000226	0.0000776	0.000941	0.00194	
2024 Oct	0.000441	0.00115	0.183	0.0000113	1.77	3.49	0.0713	0.000278	6.22	0.0016	0.012	0.000598	0.000202	0.0001	0.138	0.00000226	0.0000779	0.000932	0.00193	
2024 Nov	0.000439	0.00115	0.182	0.0000113	1.77	3.48	0.071	0.000281	6.22	0.0016	0.012	0.000595	0.000201	0.0000999	0.138	0.00000226	0.000078	0.000928	0.00193	
2024 Dec	0.00044	0.00115	0.182	0.0000113	1.77	3.49	0.071	0.000281	6.22	0.0016	0.012	0.000595	0.000201	0.0000999	0.138	0.00000227	0.0000781	0.000929	0.00193	
2025 Jan	0.00044	0.00115	0.182	0.0000113	1.77	3.49	0.071	0.000281	6.22	0.0016	0.012	0.000595	0.000201	0.0000999	0.138	0.00000227	0.0000781	0.000929	0.00193	
2025 Feb	0.00044	0.00115	0.182	0.0000113	1.77	3.49	0.071	0.000281	6.22	0.0016	0.012	0.000595	0.000201	0.0001	0.138	0.00000227	0.0000781	0.000929	0.00193	
2025 Mar	0.00044	0.00115	0.182	0.0000113	1.77	3.49	0.0711	0.000281	6.22	0.0016	0.012	0.000596	0.000201	0.0001	0.138	0.00000227	0.0000781	0.000929	0.00193	
2025 Apr	0.00044	0.00115	0.182	0.0000113	1.77	3.49	0.0711	0.000281	6.23	0.0016	0.012	0.000596	0.000201	0.0001	0.138	0.00000227	0.0000781	0.000929	0.00193	
2025 May	0.000446	0.00117	0.185	0.0000115	1.8	3.53	0.072	0.000285	6.31	0.00162	0.0122	0.000604	0.000204	0.000101	0.14	0.0000023	0.0000792	0.000942	0.00196	
2025 Jun	0.000424	0.00113	0.178	0.0000114	1.74	3.38	0.0684	0.000273	6.07	0.00158	0.012	0.000572	0.000205	0.0000976	0.134	0.00000228	0.0000772	0.000913	0.00196	
2025 Jul	0.000387	0.00107	0.167	0.0000111	1.63	3.13	0.0622	0.000254	5.65	0.0015	0.0115	0.000519	0.000202	0.000091	0.124	0.00000222	0.0000736	0.000854	0.00194	
2025 Aug	0.000396	0.0011	0.172	0.0000115	1.68	3.21	0.0636	0.000264	5.83	0.00155	0.0119	0.00053	0.000207	0.0000936	0.127	0.0000023	0.000076	0.000873	0.002	
2025 Sep	0.000393	0.0011	0.171	0.0000115	1.68	3.2	0.0629	0.000269	5.82	0.00154	0.0119	0.000523	0.000205	0.0000931	0.127	0.0000023	0.0000762	0.000863	0.00199	
2025 Oct	0.00038	0.00108	0.166	0.0000113	1.64	3.11	0.0606	0.000273	5.69	0.00151	0.0117	0.000502	0.000197	0.0000903	0.123	0.00000226	0.0000753	0.000833	0.00193	
2025 Nov	0.000373	0.00107	0.164	0.0000112	1.61	3.07	0.0594	0.000275	5.62	0.00148	0.0116	0.000491	0.000193	0.0000888	0.122	0.00000223	0.0000748	0.000817	0.0019	
2025 Dec	0.000373	0.00107	0.164	0.0000112	1.61	3.07	0.0594	0.000275	5.62	0.00149	0.0116	0.000491	0.000193	0.0000889	0.122	0.00000224	0.0000748	0.000817	0.0019	
2026 Jan	0.000373	0.00107	0.164	0.0000112	1.61	3.07	0.0594	0.000275	5.62	0.00149	0.0116	0.000491	0.000193	0.0000889	0.122	0.00000224	0.0000748	0.000817	0.00191	
2026 Feb	0.000373	0.00107	0.164	0.0000112	1.61	3.07	0.0594	0.000275	5.62	0.00149	0.0116	0.000491	0.000193	0.0000889	0.122	0.00000224	0.0000748	0.000817	0.00191	
2026 Mar	0.000373	0.00107	0.164	0.0000112	1.62	3.07	0.0594	0.000275	5.62	0.00149	0.0116	0.000492	0.000193	0.0000889	0.122	0.00000224	0.0000748	0.000817	0.00191	
2026 Apr	0.000374	0.00108	0.164	0.0000112	1.62	3.08	0.0596	0.000276	5.64	0.00149	0.0117	0.000493	0.000193	0.0000891	0.122	0.00000224	0.000075	0.000819	0.00191	
2026 May	0.000378	0.00109	0.166	0.0000113	1.64	3.11	0.0602	0.000279	5.7	0.00151	0.0118	0.000498	0.000195	0.0000901	0.123	0.00000227	0.0000758	0.000828	0.00193	
2026 Jun	0.000349	0.00102	0.156	0.000011	1.54	2.89	0.0557	0.000254	5.31	0.00143	0.0113	0.00046	0.000196	0.0000846	0.115	0.00000219	0.0000718	0.000791	0.00191	
2026 Jul	0.000351	0.00104	0.158	0.0000112	1.56	2.92	0.0559	0.000256	5.37	0.00146	0.0115	0.000461	0.000202	0.0000856	0.116	0.00000225	0.0000732	0.000801	0.00197	
2026 Aug	0.000353	0.00106	0.16	0.0000115	1.58	2.95	0.0561	0.000263	5.45	0.00148	0.0117	0.000462	0.000203	0.0000867	0.117	0.00000229	0.0000744	0.000803	0.00199	
2026 Sep	0.000355	0.00107	0.161	0.0000116	1.6	2.97	0.0563	0.000269	5.51	0.0015	0.0119	0.000463	0.000204	0.0000874	0.118	0.00000232	0.0000754	0.000807	0.00201	
2026 Oct	0.000349	0.00106	0.159	0.0000115	1.58	2.93	0.0551	0.000273	5.45	0.00148	0.0118	0.000452	0.000199	0.0000859	0.117	0.0000023	0.000075	0.00079	0.00198	
2026 Nov	0.00035	0.00106	0.159	0.0000115	1.58	2.94	0.0553	0.000274	5.46	0.00148	0.0118	0.000454	0.0002	0.0000862	0.117	0.0000023	0.0000752	0.000792	0.00199	
2026 Dec	0.00035	0.00106	0.159	0.0000115	1.59	2.94	0.0553	0.000274	5.47	0.00148	0.0118	0.000454	0.0002	0.0000862	0.117	0.00000231	0.0000752	0.000793	0.00199	
2027 Jan	0.00035	0.00106	0.159	0.0000115	1.59	2.94	0.0553	0.000274	5.47	0.00148	0.0118	0.000454	0.0002	0.0000862	0.117	0.00000231	0.0000753	0.000793	0.00199	
2027 Feb	0.00035	0.00106	0.159	0.0000115	1.59	2.94	0.0553	0.000274	5.47	0.00148	0.0118	0.000454	0.0002	0.0000862	0.117	0.00000231	0.0000753	0.000793	0.00199	
2027 Mar	0.00035	0.00106	0.16	0.0000115	1.59	2.94	0.0553	0.000274	5.47	0.00148	0.0118	0.000454	0.0002	0.0000862	0.117	0.00000231	0.0000753	0.000793	0.00199	
2027 Apr	0.000351	0.00107	0.16	0.0000116	1.59	2.95	0.0555	0.000275	5.49	0.00149	0.0119	0.000456	0.000201	0.0000866	0.118	0.00000232	0.0000756	0.000796	0.002	
2027 May	0.000356	0.00108	0.162	0.0000117	1.61	2.99	0.0563	0.000278	5.57	0.00151	0.012	0.000462	0.000203	0.0000878	0.119	0.00000235	0.0000766	0.000807	0.00202	
2027 Jun	0.000322	0.001	0.15	0.0000112	1.5	2.73	0.0509	0.000251	5.11	0.00142	0.0114	0.000416	0.000201	0.0000811	0.109	0.00000225	0.0000718	0.000758	0.00198	
2027 Jul	0.000311	0.000991	0.148	0.0000113	1.47	2.66	0.049	0.000245	5	0.00141	0.0114	0.000399	0.000205	0.0000795	0.106	0.00000226	0.0000713	0.000747	0.00201	
2027 Aug	0.00032	0.00103	0.152	0.0000117	1.52	2.75	0.0503	0.000255	5.17	0.00145	0.0118	0.00041	0.000211	0.0000821	0.11	0.00000234	0.0000737	0.000767	0.00207	
2027 Sep	0.000314	0.00102	0.15	0.0000117	1.51	2.71	0.0492	0.000262	5.14	0.00144	0.0117	0.000399	0.000205	0.000081	0.108	0.00000233	0.0000736	0.000749	0.00205	
2027 Oct	0.000309	0.00101	0.148	0.0000116	1.5	2.68	0.0482	0.000266	5.09	0.00142	0.0116	0.00039	0.000201	0.0000798	0.107	0.00000231	0.0000735	0.000735	0.00202	
2027 Nov	0.000308	0.00101	0.148	0.0000116	1.49	2.68	0.048	0.000268	5.09	0.00142	0.0116	0.000388	0.0002	0.0000796	0.107	0.00000231	0.0000735	0.000732	0.00201	
2027 Dec	0.000307	0.00101	0.148	0.0000115	1.49	2.68	0.0479	0.000268	5.09	0.00142	0.0116	0.000387	0.0002	0.0000796	0.107	0.00000231	0.0000735	0.000732	0.00201	
2028 Jan	0.000307	0.00101	0.148	0.0000115	1.49	2.68	0.0479	0.000268	5.09	0.00142	0.0116	0.000387	0.0002	0.0000796	0.107	0.00000231	0.0000735	0.000732	0.00201	
2028 Feb	0.000307	0.00101	0.148	0.0000115	1.49	2.68	0.0479	0.000268	5.09	0.00142	0.0116	0.000387	0.0002	0.0000796	0.107	0.00000231	0.0000735	0.000732	0.00201	
2028 Mar	0.000307	0.00101	0.148	0.0000115	1.49	2.68	0.048	0.000268	5.09	0.00142	0.0116	0.000387	0.0002	0.0000796	0.107	0.00000231	0.0000736	0.000732	0.00201	

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Apr	0.000308	0.00102	0.148	0.0000116	1.5	2.68	0.0481	0.000269	5.1	0.00142	0.0117	0.000388	0.0002	0.0000798	0.107	0.00000232	0.0000737	0.000733	0.00202	
2028 May	0.000311	0.00103	0.15	0.0000117	1.51	2.71	0.0485	0.000271	5.15	0.00144	0.0118	0.000392	0.000202	0.0000805	0.108	0.00000234	0.0000744	0.00074	0.00203	
2028 Jun	0.000287	0.000973	0.142	0.0000114	1.43	2.53	0.0447	0.000252	4.83	0.00138	0.0114	0.00036	0.000202	0.0000759	0.101	0.00000228	0.0000712	0.000708	0.00201	
2028 Jul	0.000278	0.000961	0.139	0.0000114	1.41	2.47	0.0433	0.000245	4.74	0.00137	0.0113	0.000347	0.000205	0.0000746	0.099	0.00000228	0.0000706	0.0007	0.00204	
2028 Aug	0.000292	0.00101	0.147	0.000012	1.48	2.59	0.0454	0.000259	4.99	0.00144	0.0119	0.000364	0.000216	0.0000785	0.104	0.0000024	0.0000743	0.000734	0.00214	
2028 Sep	0.000293	0.00102	0.147	0.0000121	1.5	2.61	0.0454	0.000266	5.03	0.00145	0.0121	0.000363	0.000215	0.0000789	0.105	0.00000243	0.0000753	0.000735	0.00215	
2028 Oct	0.000278	0.000993	0.141	0.0000117	1.44	2.51	0.0426	0.000273	4.87	0.00139	0.0117	0.000338	0.000201	0.000075	0.101	0.00000234	0.0000738	0.000691	0.00205	
2028 Nov	0.000277	0.000995	0.141	0.0000117	1.44	2.51	0.0424	0.000276	4.87	0.00139	0.0117	0.000336	0.0002	0.0000748	0.101	0.00000234	0.000074	0.000688	0.00204	
2028 Dec	0.000277	0.000995	0.141	0.0000117	1.44	2.51	0.0424	0.000276	4.87	0.00139	0.0117	0.000336	0.0002	0.0000749	0.101	0.00000234	0.000074	0.000688	0.00204	
2029 Jan	0.000277	0.000995	0.141	0.0000117	1.44	2.51	0.0424	0.000276	4.87	0.00139	0.0117	0.000336	0.0002	0.0000749	0.101	0.00000234	0.000074	0.000688	0.00204	
2029 Feb	0.000277	0.000995	0.141	0.0000117	1.44	2.51	0.0424	0.000276	4.87	0.00139	0.0117	0.000336	0.0002	0.0000749	0.101	0.00000234	0.000074	0.000688	0.00204	
2029 Mar	0.000277	0.000995	0.141	0.0000117	1.44	2.51	0.0424	0.000276	4.87	0.00139	0.0117	0.000336	0.0002	0.0000749	0.101	0.00000234	0.000074	0.000688	0.00204	
2029 Apr	0.000277	0.000996	0.141	0.0000117	1.44	2.51	0.0424	0.000276	4.88	0.00139	0.0117	0.000336	0.0002	0.0000749	0.101	0.00000235	0.0000741	0.000689	0.00205	
2029 May	0.000279	0.001	0.142	0.0000118	1.45	2.52	0.0427	0.000278	4.91	0.0014	0.0118	0.000338	0.000201	0.0000754	0.101	0.00000236	0.0000746	0.000693	0.00206	
2029 Jun	0.000273	0.00099	0.14	0.0000118	1.43	2.48	0.0418	0.000271	4.83	0.00139	0.0118	0.000331	0.000204	0.0000745	0.0997	0.00000236	0.0000739	0.000691	0.00208	
2029 Jul	0.000238	0.000902	0.127	0.0000111	1.3	2.2	0.0362	0.000238	4.33	0.00128	0.0109	0.000285	0.000196	0.0000671	0.0886	0.00000222	0.0000676	0.000626	0.00198	
2029 Aug	0.000241	0.000925	0.129	0.0000114	1.33	2.24	0.0365	0.000246	4.43	0.00131	0.0111	0.000288	0.000197	0.0000684	0.0903	0.00000227	0.0000691	0.000629	0.00201	
2029 Sep	0.000242	0.000937	0.13	0.0000115	1.34	2.26	0.0366	0.000254	4.48	0.00132	0.0113	0.000288	0.000197	0.000069	0.0912	0.0000023	0.0000701	0.00063	0.00202	
2029 Oct	0.000239	0.000935	0.129	0.0000114	1.33	2.25	0.0361	0.000258	4.46	0.00131	0.0112	0.000282	0.000194	0.0000683	0.0906	0.00000228	0.0000701	0.000621	0.002	
2029 Nov	0.000236	0.000927	0.128	0.0000113	1.32	2.22	0.0354	0.00026	4.42	0.00129	0.0112	0.000276	0.00019	0.0000673	0.0896	0.00000226	0.0000698	0.00061	0.00197	
2029 Dec	0.000236	0.000928	0.128	0.0000113	1.32	2.22	0.0354	0.00026	4.42	0.00129	0.0112	0.000276	0.00019	0.0000673	0.0897	0.00000226	0.0000698	0.00061	0.00197	
2030 Jan	0.000236	0.000928	0.128	0.0000113	1.32	2.22	0.0354	0.00026	4.42	0.00129	0.0112	0.000276	0.00019	0.0000673	0.0897	0.00000226	0.0000698	0.00061	0.00197	
2030 Feb	0.000236	0.000928	0.128	0.0000113	1.32	2.22	0.0354	0.00026	4.42	0.00129	0.0112	0.000276	0.00019	0.0000673	0.0897	0.00000226	0.0000698	0.00061	0.00197	
2030 Mar	0.000236	0.000928	0.128	0.0000113	1.32	2.22	0.0354	0.000261	4.43	0.0013	0.0112	0.000277	0.00019	0.0000674	0.0897	0.00000226	0.0000698	0.000611	0.00197	
2030 Apr	0.000236	0.000929	0.128	0.0000113	1.32	2.23	0.0355	0.000261	4.43	0.0013	0.0112	0.000277	0.00019	0.0000674	0.0898	0.00000227	0.0000699	0.000611	0.00197	
2030 May	0.000239	0.000939	0.129	0.0000115	1.34	2.25	0.0359	0.000264	4.48	0.00131	0.0113	0.00028	0.000192	0.0000682	0.0908	0.00000229	0.0000707	0.000618	0.002	
2030 Jun	0.000225	0.000904	0.125	0.0000113	1.29	2.14	0.0338	0.000248	4.28	0.00128	0.011	0.000263	0.000194	0.0000655	0.0865	0.00000225	0.0000684	0.000604	0.00199	
2030 Jul	0.000215	0.000879	0.121	0.0000111	1.25	2.06	0.0322	0.000236	4.13	0.00125	0.0108	0.000249	0.000194	0.0000635	0.0833	0.00000222	0.0000667	0.000588	0.00198	
2030 Aug	0.000218	0.000902	0.124	0.0000114	1.28	2.1	0.0326	0.000243	4.23	0.00127	0.0111	0.000253	0.000196	0.0000648	0.085	0.00000227	0.0000682	0.000594	0.00202	
2030 Sep	0.000223	0.000925	0.127	0.0000117	1.31	2.15	0.0334	0.00025	4.34	0.00131	0.0113	0.000258	0.000201	0.0000664	0.0871	0.00000233	0.0000699	0.000608	0.00206	
2030 Oct	0.000221	0.000921	0.125	0.0000116	1.3	2.14	0.0328	0.000254	4.31	0.00129	0.0113	0.000253	0.000197	0.0000657	0.0864	0.00000231	0.0000698	0.000598	0.00204	
2030 Nov	0.000219	0.000918	0.124	0.0000115	1.29	2.12	0.0324	0.000256	4.3	0.00129	0.0112	0.00025	0.000194	0.0000651	0.086	0.0000023	0.0000697	0.000591	0.00202	
2030 Dec	0.000219	0.000918	0.125	0.0000115	1.29	2.12	0.0324	0.000256	4.3	0.00129	0.0112	0.00025	0.000194	0.0000651	0.086	0.0000023	0.0000697	0.000591	0.00202	
2031 Jan	0.000219	0.000918	0.125	0.0000115	1.29	2.12	0.0324	0.000256	4.3	0.00129	0.0112	0.00025	0.000194	0.0000651	0.086	0.0000023	0.0000697	0.000591	0.00202	
2031 Feb	0.000219	0.000918	0.125	0.0000115	1.29	2.12	0.0324	0.000256	4.3	0.00129	0.0112	0.00025	0.000194	0.0000651	0.086	0.0000023	0.0000697	0.000591	0.00202	
2031 Mar	0.000219	0.000918	0.125	0.0000115	1.29	2.13	0.0325	0.000256	4.3	0.00129	0.0112	0.00025	0.000194	0.0000652	0.086	0.0000023	0.0000697	0.000592	0.00202	
2031 Apr	0.00022	0.000921	0.125	0.0000116	1.3	2.13	0.0326	0.000257	4.31	0.00129	0.0113	0.000251	0.000195	0.0000654	0.0863	0.00000231	0.00007	0.000594	0.00203	
2031 May	0.000228	0.000937	0.128	0.0000117	1.32	2.19	0.0339	0.00026	4.41	0.00131	0.0114	0.000262	0.000198	0.000067	0.0885	0.00000234	0.0000709	0.00061	0.00205	
2031 Jun	0.000253	0.000942	0.133	0.0000114	1.36	2.32	0.0387	0.000249	4.55	0.00133	0.0113	0.000307	0.000199	0.0000704	0.0934	0.00000228	0.00007	0.000652	0.00202	
2031 Jul	0.000264	0.000985	0.139	0.0000119	1.42	2.42	0.0403	0.000259	4.75	0.00139	0.0118	0.00032	0.000209	0.0000735	0.0974	0.00000239	0.0000732	0.000681	0.00211	
2031 Aug	0.000268	0.00101	0.142	0.0000122	1.45	2.46	0.0408	0.000267	4.84	0.00142	0.012	0.000323	0.000211	0.0000749	0.0992	0.00000244	0.0000747	0.000687	0.00215	
2031 Sep	0.000259	0.00099	0.138	0.000012	1.41	2.41	0.0391	0.000273	4.76	0.00138	0.0118	0.000308	0.000201	0.0000729	0.0969	0.00000239	0.0000738	0.000658	0.00208	
2031 Oct	0.000246	0.000965	0.132	0.0000116	1.36	2.32	0.0367	0.000281	4.61	0.00133	0.0115	0.000286	0.000188	0.0000694	0.0934	0.00000231	0.0000725	0.00062	0.00198	
2031 Nov	0.000246	0.000965	0.132	0.0000116	1.36	2.32	0.0366	0.000282	4.61	0.00133	0.0115	0.000285	0.000187	0.0000693	0.0933	0.00000231	0.0000726	0.000618	0.00198	
2031 Dec	0.000246	0.000966	0.132	0.0000116	1.37	2.32	0.0366	0.000282	4.62	0.00133	0.0115	0.000285	0.000187	0.0000694	0.0934	0.00000231	0.0000727	0.000618	0.00198	
2032 Jan	0.000246	0.000966	0.132	0.0000116	1.37	2.32	0.0366	0.000282	4.62	0.00133	0.0115	0.000285	0.000187	0.0000694	0.0934	0.00000231	0.0000727	0.000618	0.00198	
2032 Feb	0.000246	0.000966	0.132	0.0000116	1.37	2.32	0.0366	0.000282	4.62	0.00133	0.0115	0.000285	0.000187	0.0000694	0.0934	0.00000231	0.0000727	0.000618	0.00198	
2032 Mar	0.000246	0.000966	0.132	0.0000116	1.37	2.32	0.0366	0.000282	4.62	0.00133	0.0115	0.000285	0.000187	0.0000694	0.0934	0.00000232	0.0000727	0.000619	0.00198	
2032 Apr	0.000246	0.000968	0.132	0.0000116	1.37	2.32	0.0367	0.000283	4.63	0.00133	0.0115	0.000286	0.000188	0.0000695	0.0936	0.00000232	0.0000728	0.00062	0.00199	
2032 May	0.000249	0.000978	0.134	0.0000117	1.38	2.35	0.0371	0.000286	4.68	0.00135	0.0117	0.000289	0.00019	0.0000703	0.0946	0.00000234	0.0000736	0.000627	0.00201	
2032 Jun	0.000229	0.00091	0.125	0.0000112	1.29	2.17	0.0343	0.000255	4.33	0.00128	0.011	0.000267	0.00019	0.0000659	0.0876	0.00000224	0.0000689	0.000603	0.00197	
2032 Jul	0.000202	0.000831	0.114	0.0000104	1.18	1.94	0.0302	0.000226	3.9	0.00117	0.0102	0.000234	0.00018	0.0000597	0.0785	0.00000209	0.000063	0.00055	0.00185	
2032 Aug	0.000202	0.000842	0.115	0.0000106	1.19	1.96	0.0301	0.000233	3.95	0.00118	0.0103	0.000232	0.000179	0.0000603	0.0792	0.00000212	0.0000637	0.000544	0.00186	
2032 Sep	0.000204	0.000855	0.116	0.0000107	1.21	1.98	0.0302	0.00024	4.01	0.0012	0.0104	0.000233	0.000179	0.000061	0.0803	0.00000215	0.0000648	0.000546	0.00188	
2032 Oct	0.000205	0.000861	0.116	0.0000108	1.21	1.99	0.0303	0.000244	4.04	0.00121	0.0105	0.000233	0.000179	0.0000613	0.0807	0.00000216	0.0000653	0.000547	0.00188	
2032 Nov	0.000204	0.000861	0.116	0.0000108	1.21	1.99	0.0302	0.000245	4.04	0.0012	0.0105	0.000232	0.000179	0.0000612	0.0807	0.00000216	0.0000653	0.000546	0.00188	
2032 Dec	0.000204	0.000859	0.116	0.0000108	1.21	1.98	0.03	0.000245	4.03	0.0012	0.0105	0.00023	0.000178	0.0000609	0.0804	0.00000215	0.0000652	0.000543	0.00187	
2033 Jan	0.000204	0.000859	0.116	0.0000108	1.21	1.98	0.03	0.000245	4.03	0.0012	0.0105	0.00023	0.000178	0.0000609	0.0804	0.00000215	0.0000652	0.000543	0.00187	
2033 Feb	0.000204	0.000859	0.116	0.0000108	1.21	1.98	0.0301	0.000245	4.03	0.0012	0.0105	0.00023	0.000178	0.0000609	0.0804	0.00000215	0.0000652	0.000543	0.00187	
2033 Mar	0.000204	0.00086	0.116	0.0000108	1.21	1.99	0.0301	0.000246	4.03	0.0012	0.0105	0.000231	0.000178	0.000061	0.0805	0.00000215	0.0000653	0.000544	0.00187	
2033 Apr	0.000205	0.000864	0.116	0.0000108	1.22	2	0.0302	0.000247	4.05	0.00121	0.0105	0.000232	0.000179	0.0000613	0.0809	0.00000216	0.0000656	0.000546	0.00188	
2033 May	0.000229	0.000891	0.123	0.0000109	1.27	2.15	0.0346	0.000246	4.26	0.00125	0.0107	0.000271	0.000183	0.0000653	0.0866	0.00000217	0.0000666	0.000589	0.00189	
2033 Jun	0.000254	0.000872	0.126	0.0000102	1.28	2.25	0.0394	0.000224	4.31	0.00123	0.0102	0.000317	0.00018	0.0000675	0.09	0.00000204	0.0000636	0.000625	0.0018	
2033 Jul	0.000257	0.000891	0.129	0.0000105	1.3	2.28	0.0399	0.000229	4.39	0.00126	0.0104	0.000321	0.000185	0.0000688	0.0915	0.0000021	0.000065	0.000636	0.00185	
2033 Aug	0.000267	0.000928	0.134	0.0000109	1.35	2.37	0.0413	0.000238	4.57	0.00131	0.0108	0.000332	0.000191	0.0000715	0.0951	0.00000218	0.0000676	0.000658	0.00192	
2033 Sep	0.000259	0.000918	0.131	0.0000108	1.33	2.32	0.0398	0.000246	4.51	0.00128	0.0107	0.000319	0.000184	0.0000698	0.0933	0.00000216	0.0000673	0.000635	0.00187	
2033 Oct	0.000239	0.000885	0.123	0.0000103	1.26	2.19	0.0361	0.000258	4.3	0.00121	0.0103	0.000285	0.000165	0.0000649	0.0881	0.00000206	0.0000658	0.000579	0.00174	
2033 Nov	0.000238	0.000885	0.123	0.0000103	1.26	2.19	0.0358	0.000262	4.3	0.00121	0.0103	0.000282	0.000163	0.0000646	0.0879	0.00000205	0.000066	0.000574	0.00174	

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Dec	0.000238	0.000885	0.123	0.0000103	1.26	2.19	0.0358	0.000262	4.3	0.00121	0.0103	0.000282	0.000163	0.0000646	0.088	0.00000205	0.000066	0.000574	0.00174	
2034 Jan	0.000238	0.000886	0.123	0.0000103	1.26	2.19	0.0358	0.000262	4.3	0.00121	0.0103	0.000282	0.000163	0.0000646	0.088	0.00000205	0.000066	0.000574	0.00174	
2034 Feb	0.000238	0.000886	0.123	0.0000103	1.26	2.19	0.0358	0.000262	4.3	0.00121	0.0103	0.000282	0.000163	0.0000646	0.088	0.00000205	0.000066	0.000574	0.00174	
2034 Mar	0.000238	0.000886	0.123	0.0000103	1.26	2.19	0.0358	0.000262	4.3	0.00121	0.0103	0.000282	0.000163	0.0000646	0.088	0.00000205	0.000066	0.000574	0.00174	
2034 Apr	0.000239	0.000889	0.123	0.0000103	1.27	2.2	0.036	0.000263	4.32	0.00121	0.0104	0.000283	0.000164	0.0000649	0.0883	0.00000206	0.0000663	0.000577	0.00174	
2034 May	0.000249	0.000907	0.127	0.0000104	1.3	2.27	0.0377	0.000266	4.43	0.00124	0.0105	0.000298	0.000167	0.0000669	0.0911	0.00000209	0.0000673	0.000597	0.00177	
2034 Jun	0.000278	0.000912	0.133	0.0000102	1.33	2.41	0.0431	0.000249	4.58	0.00126	0.0104	0.000349	0.000172	0.0000708	0.0964	0.00000204	0.0000662	0.000649	0.00175	
2034 Jul	0.000276	0.000917	0.133	0.0000103	1.34	2.41	0.0427	0.000248	4.58	0.00127	0.0105	0.000346	0.000174	0.0000708	0.0961	0.00000206	0.0000665	0.000647	0.00177	
2034 Aug	0.00029	0.000967	0.14	0.0000109	1.41	2.53	0.0449	0.000262	4.83	0.00134	0.011	0.000363	0.000182	0.0000746	0.101	0.00000217	0.0000701	0.000679	0.00186	
2034 Sep	0.000281	0.000957	0.137	0.0000107	1.38	2.48	0.0432	0.00027	4.76	0.00131	0.0109	0.000347	0.000175	0.0000726	0.0992	0.00000215	0.0000699	0.000655	0.00182	
2034 Oct	0.000266	0.000932	0.131	0.0000104	1.33	2.38	0.0403	0.000278	4.61	0.00126	0.0106	0.000321	0.000162	0.000069	0.0953	0.00000208	0.0000688	0.000614	0.00173	
2034 Nov	0.000266	0.000934	0.131	0.0000104	1.34	2.38	0.0403	0.00028	4.61	0.00126	0.0107	0.000321	0.000162	0.0000691	0.0954	0.00000208	0.000069	0.000614	0.00173	
2034 Dec	0.000266	0.000935	0.131	0.0000104	1.34	2.38	0.0403	0.00028	4.62	0.00126	0.0107	0.000321	0.000162	0.0000691	0.0954	0.00000208	0.000069	0.000614	0.00174	
2035 Jan	0.000266	0.000935	0.131	0.0000104	1.34	2.38	0.0403	0.00028	4.62	0.00126	0.0107	0.000321	0.000162	0.0000691	0.0954	0.00000208	0.000069	0.000614	0.00174	
2035 Feb	0.000266	0.000935	0.131	0.0000104	1.34	2.38	0.0403	0.00028	4.62	0.00126	0.0107	0.000321	0.000162	0.0000691	0.0954	0.00000208	0.000069	0.000614	0.00174	
2035 Mar	0.000266	0.000935	0.131	0.0000104	1.34	2.38	0.0403	0.00028	4.62	0.00126	0.0107	0.000321	0.000162	0.0000691	0.0954	0.00000208	0.000069	0.000614	0.00174	
2035 Apr	0.000267	0.000938	0.132	0.0000105	1.34	2.39	0.0405	0.000281	4.63	0.00127	0.0107	0.000322	0.000163	0.0000693	0.0958	0.00000209	0.0000693	0.000617	0.00174	
2035 May	0.000273	0.000955	0.134	0.0000106	1.37	2.44	0.0414	0.000285	4.72	0.00129	0.0109	0.00033	0.000166	0.0000707	0.0976	0.00000212	0.0000704	0.000629	0.00177	
2035 Jun	0.000268	0.000899	0.13	0.0000101	1.31	2.35	0.0414	0.00025	4.48	0.00124	0.0103	0.000333	0.000169	0.0000687	0.0939	0.00000202	0.0000658	0.000631	0.00173	
2035 Jul	0.000263	0.000896	0.129	0.0000102	1.3	2.32	0.0406	0.000247	4.44	0.00124	0.0103	0.000326	0.000172	0.0000682	0.0928	0.00000204	0.0000658	0.00063	0.00176	
2035 Aug	0.000266	0.000917	0.131	0.0000104	1.33	2.36	0.0409	0.000256	4.54	0.00127	0.0106	0.000328	0.000174	0.0000696	0.0946	0.00000209	0.0000673	0.000634	0.00179	
2035 Sep	0.000249	0.000888	0.124	0.0000101	1.28	2.25	0.0378	0.000265	4.38	0.00121	0.0102	0.000299	0.000159	0.000066	0.0903	0.00000202	0.0000658	0.000586	0.0017	
2035 Oct	0.000242	0.000881	0.122	0.00000996	1.25	2.21	0.0363	0.000273	4.32	0.00119	0.0102	0.000285	0.000152	0.0000642	0.0886	0.00000199	0.0000658	0.000564	0.00165	
2035 Nov	0.000236	0.000871	0.119	0.00000982	1.23	2.17	0.0352	0.000276	4.26	0.00117	0.01	0.000276	0.000147	0.0000628	0.0871	0.00000196	0.0000653	0.000549	0.00162	
2035 Dec	0.000236	0.000871	0.119	0.00000982	1.23	2.17	0.0352	0.000276	4.26	0.00117	0.01	0.000276	0.000147	0.0000629	0.0871	0.00000196	0.0000653	0.000549	0.00162	
2036 Jan	0.000236	0.000871	0.119	0.00000982	1.23	2.17	0.0352	0.000276	4.26	0.00117	0.01	0.000276	0.000147	0.0000629	0.0871	0.00000196	0.0000653	0.000549	0.00162	
2036 Feb	0.000236	0.000871	0.119	0.00000982	1.23	2.17	0.0352	0.000276	4.26	0.00117	0.01	0.000276	0.000147	0.0000629	0.0871	0.00000196	0.0000653	0.000549	0.00162	
2036 Mar	0.000236	0.000871	0.119	0.00000982	1.23	2.17	0.0353	0.000276	4.26	0.00117	0.01	0.000276	0.000147	0.0000629	0.0871	0.00000196	0.0000653	0.000549	0.00162	
2036 Apr	0.000238	0.000875	0.12	0.00000986	1.24	2.18	0.0355	0.000277	4.28	0.00117	0.0101	0.000277	0.000148	0.0000631	0.0875	0.00000197	0.0000656	0.000551	0.00162	
2036 May	0.000243	0.00089	0.122	0.00001	1.26	2.22	0.0363	0.000282	4.36	0.00119	0.0103	0.000283	0.000151	0.0000643	0.0893	0.000002	0.0000667	0.000563	0.00165	
2036 Jun	0.000232	0.000851	0.118	0.00000981	1.21	2.12	0.0349	0.000257	4.16	0.00116	0.00994	0.000272	0.000156	0.0000621	0.0852	0.00000196	0.0000639	0.000558	0.00166	
2036 Jul	0.000225	0.000844	0.117	0.00000988	1.2	2.08	0.0338	0.00025	4.09	0.00116	0.00994	0.000263	0.00016	0.0000613	0.0835	0.00000198	0.0000634	0.000552	0.00169	
2036 Aug	0.000233	0.00088	0.121	0.0000103	1.25	2.16	0.035	0.000261	4.26	0.00121	0.0104	0.000273	0.000165	0.0000638	0.0869	0.00000206	0.0000661	0.000572	0.00175	
2036 Sep	0.000231	0.00088	0.121	0.0000103	1.25	2.15	0.0345	0.000267	4.26	0.0012	0.0104	0.000268	0.000162	0.0000634	0.0865	0.00000206	0.0000663	0.000563	0.00174	
2036 Oct	0.000224	0.000869	0.118	0.0000101	1.22	2.1	0.0331	0.000273	4.19	0.00117	0.0102	0.000255	0.000155	0.0000616	0.0847	0.00000202	0.0000659	0.000541	0.00169	
2036 Nov	0.000222	0.000867	0.117	0.0000101	1.22	2.09	0.0328	0.000275	4.17	0.00117	0.0102	0.000252	0.000153	0.0000612	0.0843	0.00000202	0.0000658	0.000537	0.00168	
2036 Dec	0.000222	0.000866	0.117	0.0000101	1.22	2.09	0.0326	0.000275	4.17	0.00117	0.0102	0.000251	0.000153	0.000061	0.0842	0.00000201	0.0000657	0.000535	0.00168	
2037 Jan	0.000222	0.000866	0.117	0.0000101	1.22	2.09	0.0326	0.000275	4.17	0.00117	0.0102	0.000251	0.000153	0.000061	0.0842	0.00000201	0.0000657	0.000535	0.00168	
2037 Feb	0.000222	0.000866	0.117	0.0000101	1.22	2.09	0.0326	0.000275	4.17	0.00117	0.0102	0.000251	0.000153	0.0000611	0.0842	0.00000201	0.0000657	0.000535	0.00168	
2037 Mar	0.000222	0.000867	0.117	0.0000101	1.22	2.09	0.0327	0.000275	4.17	0.00117	0.0102	0.000251	0.000153	0.0000611	0.0842	0.00000202	0.0000658	0.000535	0.00168	
2037 Apr	0.000222	0.000869	0.117	0.0000101	1.22	2.1	0.0328	0.000276	4.18	0.00117	0.0102	0.000252	0.000153	0.0000613	0.0844	0.00000202	0.000066	0.000537	0.00168	
2037 May	0.000247	0.000892	0.124	0.0000101	1.27	2.24	0.0371	0.000272	4.38	0.00121	0.0103	0.000291	0.000158	0.0000652	0.0899	0.00000202	0.0000666	0.00058	0.00169	
2037 Jun	0.000265	0.000871	0.126	0.00000962	1.27	2.3	0.0409	0.000248	4.38	0.00119	0.00988	0.000328	0.000159	0.0000669	0.092	0.00000192	0.0000637	0.000611	0.00164	
2037 Jul	0.00027	0.000897	0.129	0.00000996	1.31	2.36	0.0417	0.000254	4.5	0.00123	0.0102	0.000335	0.000165	0.0000687	0.0943	0.00000199	0.0000656	0.000628	0.0017	
2037 Aug	0.000278	0.000928	0.134	0.0000103	1.35	2.44	0.0429	0.000263	4.65	0.00127	0.0106	0.000344	0.000169	0.000071	0.0974	0.00000206	0.0000678	0.000645	0.00175	
2037 Sep	0.000281	0.000944	0.135	0.0000105	1.37	2.47	0.0433	0.000271	4.72	0.00129	0.0107	0.000346	0.00017	0.0000719	0.0987	0.0000021	0.0000691	0.00065	0.00177	
2037 Oct	0.000273	0.000933	0.132	0.0000103	1.35	2.42	0.0417	0.000277	4.65	0.00127	0.0106	0.000332	0.000164	0.00007	0.0967	0.00000207	0.0000687	0.000629	0.00173	
2037 Nov	0.000273	0.000934	0.132	0.0000103	1.35	2.42	0.0416	0.000279	4.65	0.00127	0.0106	0.000331	0.000163	0.0000699	0.0967	0.00000207	0.0000689	0.000627	0.00173	
2037 Dec	0.000273	0.000934	0.132	0.0000103	1.35	2.42	0.0416	0.000279	4.65	0.00127	0.0106	0.000331	0.000163	0.00007	0.0967	0.00000207	0.0000689	0.000627	0.00173	
2038 Jan	0.000273	0.000934	0.132	0.0000103	1.35	2.42	0.0416	0.000279	4.65	0.00127	0.0106	0.000331	0.000163	0.00007	0.0967	0.00000207	0.0000689	0.000627	0.00173	
2038 Feb	0.000273	0.000934	0.132	0.0000103	1.35	2.42	0.0416	0.000279	4.65	0.00127	0.0106	0.000331	0.000163	0.00007	0.0967	0.00000207	0.0000689	0.000627	0.00173	
2038 Mar	0.000273	0.000934	0.132	0.0000103	1.35	2.42	0.0416	0.000279	4.65	0.00127	0.0106	0.000331	0.000163	0.00007	0.0968	0.00000207	0.0000689	0.000627	0.00173	
2038 Apr	0.000273	0.000937	0.133	0.0000104	1.35	2.42	0.0417	0.000279	4.66	0.00127	0.0107	0.000332	0.000164	0.0000701	0.097	0.00000207	0.0000691	0.000629	0.00173	
2038 May	0.000284	0.000953	0.136	0.0000105	1.38	2.5	0.0435	0.000281	4.77	0.00129	0.0108	0.000348	0.000167	0.0000721	0.0997	0.0000021	0.0000699	0.000649	0.00176	
2038 Jun	0.000305	0.000943	0.139	0.0000101	1.39	2.58	0.0477	0.00026	4.83	0.00129	0.0105	0.000388	0.000169	0.0000746	0.103	0.00000202	0.0000678	0.000686	0.00172	
2038 Jul	0.000318	0.00099	0.146	0.0000107	1.46	2.7	0.0498	0.000272	5.06	0.00136	0.011	0.000405	0.000179	0.0000782	0.108	0.00000213	0.0000712	0.00072	0.00182	
2038 Aug	0.00033	0.00103	0.152	0.0000111	1.52	2.81	0.0515	0.000286	5.27	0.00142	0.0115	0.000418	0.000185	0.0000814	0.112	0.00000223	0.0000743	0.000745	0.00189	
2038 Sep	0.000328	0.00104	0.152	0.0000112	1.52	2.81	0.0511	0.000292	5.28	0.00142	0.0116	0.000414	0.000184	0.0000812	0.112	0.00000224	0.0000748	0.000739	0.00189	
2038 Oct	0.000323	0.00103	0.15	0.0000111	1.51	2.78	0.0501	0.000297	5.24	0.00141	0.0115	0.000405	0.00018	0.0000801	0.111	0.00000222	0.0000748	0.000726	0.00187	
2038 Nov	0.000323	0.00103	0.15	0.0000111	1.51	2.78	0.0501	0.000298	5.25	0.00141	0.0115	0.000405	0.00018	0.0000802	0.111	0.00000223	0.0000749	0.000726	0.00187	
2038 Dec	0.000323	0.00103	0.15	0.0000111	1.51	2.78	0.0501	0.000298	5.25	0.00141	0.0115	0.000405	0.00018	0.0000802	0.111	0.00000223	0.000075	0.000726	0.00187	
2039 Jan	0.000323	0.00103	0.15	0.0000111	1.51	2.78	0.0501	0.000298	5.26	0.00141	0.0115	0.000405	0.00018	0.0000803	0.111	0.00000223	0.0000752	0.000726	0.00187	0.000000243
2039 Feb	0.000323	0.00103	0.15	0.0000111	1.52	2.79	0.0501	0.000298	5.27	0.00141	0.0115	0.000405	0.00018	0.0000804	0.111	0.00000223	0.0000756	0.000726	0.00187	0.000000582
2039 Mar	0.000324	0.00103	0.15	0.0000111	1.52	2.79	0.0502	0.000299	5.28	0.00141	0.0115	0.000405	0.000181	0.0000805	0.111	0.00000223	0.0000758	0.000727	0.00187	0.00000076
2039 Apr	0.000324	0.00104	0.151	0.0000112	1.52	2.8	0.0503	0.000299	5.3	0.00141	0.0116	0.000406	0.000181	0.0000807	0.111	0.00000223	0.000076	0.000729	0.00187	0.000000769
2039 May	0.000329	0.00105	0.153	0.0000113	1.55	2.84	0.051	0.000304	5.4	0.00144	0.0117	0.000411	0.000184	0.000082	0.113	0.00000226	0.000078	0.000738	0.0019	0.0000017
2039 Jun	0.000273	0.00103	0.127	0.0000106	2.31	3.39	0.0471	0.000452	12.2	0.00197	0.0105	0.000312	0.000342	0.000127	0.146	0.00000222	0.000303	0.000687	0.00195	0.000221
2039 Jul	0.000235	0.000988	0.113	0.0000102	2.39	3.31	0.0417	0.000465	13.3	0.00202	0.00979	0.000255	0.000364	0.000131	0.145	0.00000215	0.000345	0.000613	0.00188	0.000266

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Aug	0.000233	0.00106	0.112	0.0000103	2.74	3.68	0.0426	0.000549	16.1	0.00227	0.00982	0.000242	0.000409	0.000151	0.164	0.00000222	0.00043	0.000586	0.00187	0.000345
2039 Sep	0.000239	0.00111	0.113	0.0000105	3.02	3.99	0.0446	0.000615	18.2	0.00246	0.00998	0.00024	0.000447	0.000167	0.179	0.00000228	0.000492	0.000597	0.00189	0.000401
2039 Oct	0.000239	0.00113	0.112	0.0000105	3.17	4.16	0.0452	0.000657	19.4	0.00257	0.00997	0.000234	0.000467	0.000175	0.187	0.00000228	0.000529	0.000594	0.00188	0.000436
2039 Nov	0.000241	0.00114	0.112	0.0000105	3.22	4.21	0.0456	0.000667	19.8	0.0026	0.00999	0.000235	0.000474	0.000178	0.189	0.00000229	0.00054	0.000596	0.00189	0.000446
2039 Dec	0.000241	0.00114	0.112	0.0000105	3.23	4.22	0.0457	0.000668	19.8	0.00261	0.00999	0.000235	0.000475	0.000178	0.19	0.00000229	0.000541	0.000597	0.00189	0.000447
2040 Jan	0.000241	0.00114	0.112	0.0000105	3.23	4.22	0.0457	0.000669	19.9	0.00261	0.00999	0.000235	0.000476	0.000178	0.19	0.00000229	0.000542	0.000597	0.00189	0.000448
2040 Feb	0.000241	0.00114	0.112	0.0000105	3.23	4.22	0.0457	0.000669	19.9	0.00261	0.00999	0.000235	0.000476	0.000179	0.19	0.00000229	0.000542	0.000597	0.00189	0.000448
2040 Mar	0.000241	0.00114	0.113	0.0000105	3.23	4.23	0.0457	0.00067	19.9	0.00261	0.01	0.000235	0.000476	0.000179	0.19	0.0000023	0.000543	0.000597	0.00189	0.000449
2040 Apr	0.000242	0.00115	0.113	0.0000105	3.24	4.24	0.0459	0.000672	19.9	0.00262	0.01	0.000235	0.000478	0.000179	0.191	0.0000023	0.000545	0.000599	0.0019	0.00045
2040 May	0.000254	0.00116	0.117	0.0000106	3.28	4.32	0.048	0.000673	20.1	0.00265	0.0102	0.000254	0.000481	0.000181	0.194	0.00000232	0.000545	0.000623	0.00192	0.00045
2040 Jun	0.000298	0.00109	0.129	0.0000101	2.77	3.95	0.0539	0.000521	15.8	0.00228	0.00992	0.000349	0.000403	0.000155	0.172	0.00000216	0.000407	0.000705	0.00186	0.000323
2040 Jul	0.000299	0.00113	0.129	0.0000104	3	4.2	0.0552	0.00057	17.3	0.00245	0.0101	0.000344	0.000442	0.000168	0.185	0.00000223	0.000461	0.000718	0.00192	0.000374
2040 Aug	0.000307	0.00119	0.131	0.0000106	3.34	4.58	0.0577	0.000644	19.6	0.0027	0.0103	0.000345	0.000491	0.000188	0.203	0.00000231	0.000536	0.000732	0.00197	0.000445
2040 Sep	0.00031	0.00124	0.13	0.0000107	3.65	4.91	0.0594	0.00072	21.8	0.00291	0.0103	0.000337	0.000535	0.000206	0.22	0.00000235	0.000609	0.000732	0.00198	0.000516
2040 Oct	0.00031	0.00126	0.129	0.0000107	3.74	5	0.0596	0.000745	22.4	0.00297	0.0103	0.000333	0.000545	0.00021	0.224	0.00000237	0.000629	0.00073	0.00198	0.000536
2040 Nov	0.000311	0.00127	0.129	0.0000108	3.79	5.06	0.06	0.000756	22.7	0.00301	0.0104	0.000333	0.000553	0.000213	0.227	0.00000238	0.000641	0.000732	0.00198	0.000546
2040 Dec	0.000311	0.00127	0.129	0.0000108	3.8	5.07	0.0601	0.000758	22.8	0.00302	0.0104	0.000333	0.000554	0.000213	0.227	0.00000238	0.000643	0.000733	0.00198	0.000548
2041 Jan	0.000311	0.00127	0.129	0.0000108	3.8	5.07	0.0601	0.000759	22.8	0.00302	0.0104	0.000333	0.000554	0.000214	0.228	0.00000238	0.000644	0.000733	0.00198	0.000549
2041 Feb	0.000311	0.00127	0.129	0.0000108	3.8	5.08	0.0601	0.000759	22.8	0.00302	0.0104	0.000333	0.000555	0.000214	0.228	0.00000238	0.000644	0.000733	0.00198	0.00055
2041 Mar	0.000311	0.00127	0.129	0.0000108	3.81	5.08	0.0601	0.00076	22.8	0.00302	0.0104	0.000333	0.000555	0.000214	0.228	0.00000238	0.000645	0.000734	0.00198	0.00055
2041 Apr	0.000312	0.00127	0.13	0.0000108	3.81	5.09	0.0603	0.000761	22.9	0.00303	0.0104	0.000334	0.000556	0.000214	0.228	0.00000239	0.000646	0.000735	0.00199	0.000551
2041 May	0.000319	0.00131	0.131	0.0000109	4.05	5.36	0.0625	0.00081	24.3	0.0032	0.0104	0.000338	0.000591	0.000228	0.241	0.00000242	0.000699	0.00075	0.00201	0.000604
2041 Jun	0.000278	0.00119	0.119	0.0000104	3.66	4.79	0.0548	0.000721	21.5	0.00292	0.00986	0.000289	0.000554	0.000205	0.216	0.00000231	0.00063	0.000699	0.00199	0.000547
2041 Jul	0.000242	0.00108	0.108	0.00000996	3.24	4.21	0.0476	0.000632	18.7	0.00261	0.00933	0.000249	0.000502	0.000181	0.19	0.00000219	0.000552	0.000638	0.00192	0.000477
2041 Aug	0.000253	0.00115	0.112	0.0000104	3.56	4.59	0.0505	0.000702	20.7	0.00285	0.00966	0.000255	0.000549	0.0002	0.208	0.00000229	0.00062	0.000662	0.00199	0.000543
2041 Sep	0.00026	0.00121	0.112	0.0000105	3.91	4.97	0.0529	0.000782	22.8	0.0031	0.00972	0.000252	0.000598	0.000219	0.227	0.00000235	0.0007	0.000671	0.00201	0.000623
2041 Oct	0.000261	0.00123	0.111	0.0000105	4.09	5.17	0.0538	0.00083	23.9	0.00322	0.00971	0.000246	0.000622	0.00023	0.236	0.00000236	0.000744	0.000669	0.002	0.000667
2041 Nov	0.000262	0.00124	0.111	0.0000105	4.16	5.25	0.0543	0.000845	24.3	0.00327	0.00974	0.000246	0.000632	0.000233	0.24	0.00000237	0.000759	0.000672	0.00201	0.000682
2041 Dec	0.000262	0.00125	0.111	0.0000105	4.17	5.26	0.0544	0.000848	24.4	0.00328	0.00974	0.000246	0.000634	0.000234	0.241	0.00000237	0.000762	0.000673	0.00201	0.000686
2042 Jan	0.000263	0.00125	0.111	0.0000105	4.18	5.27	0.0545	0.000849	24.5	0.00328	0.00974	0.000246	0.000635	0.000235	0.241	0.00000237	0.000763	0.000673	0.00201	0.000687
2042 Feb	0.000263	0.00125	0.111	0.0000105	4.18	5.27	0.0545	0.000849	24.5	0.00328	0.00974	0.000246	0.000635	0.000235	0.241	0.00000237	0.000764	0.000673	0.00201	0.000687
2042 Mar	0.000263	0.00125	0.111	0.0000105	4.18	5.27	0.0545	0.00085	24.5	0.00329	0.00975	0.000246	0.000636	0.000235	0.241	0.00000237	0.000764	0.000674	0.00201	0.000687
2042 Apr	0.000264	0.00125	0.111	0.0000105	4.21	5.3	0.0548	0.000855	24.6	0.00331	0.00979	0.000247	0.000639	0.000236	0.243	0.00000239	0.000769	0.000677	0.00202	0.000692
2042 May	0.000271	0.00128	0.114	0.0000107	4.3	5.43	0.0562	0.000874	25.2	0.00338	0.00995	0.000254	0.000654	0.000242	0.249	0.00000243	0.000787	0.000692	0.00206	0.000709
2042 Jun	0.000246	0.00117	0.108	0.0000104	3.77	4.78	0.0503	0.000754	21.7	0.003	0.00965	0.000235	0.000585	0.000211	0.218	0.00000232	0.000674	0.000659	0.00203	0.000602
2042 Jul	0.000232	0.00114	0.105	0.0000103	3.66	4.61	0.0476	0.00073	20.7	0.00293	0.00947	0.000217	0.000574	0.000205	0.211	0.00000229	0.000657	0.000634	0.00201	0.00059
2042 Aug	0.000228	0.00117	0.1	0.0000101	3.96	4.9	0.0481	0.00081	22.2	0.00312	0.00921	0.000199	0.000606	0.000222	0.226	0.00000229	0.000729	0.000602	0.00194	0.000671
2042 Sep	0.000226	0.00119	0.0975	0.0000101	4.14	5.09	0.0484	0.000865	23.1	0.00324	0.00911	0.000187	0.000624	0.000232	0.235	0.00000229	0.000773	0.000583	0.0019	0.000718
2042 Oct	0.000226	0.00121	0.0962	0.00001	4.25	5.21	0.0486	0.0009	23.7	0.00331	0.00907	0.00018	0.000636	0.000238	0.241	0.00000229	0.000802	0.000576	0.00187	0.000749
2042 Nov	0.000227	0.00122	0.0963	0.00001	4.32	5.29	0.0492	0.000916	24.1	0.00336	0.00909	0.00018	0.000647	0.000242	0.245	0.0000023	0.000818	0.00058	0.00188	0.000766
2042 Dec	0.000228	0.00123	0.0963	0.00001	4.33	5.3	0.0493	0.000919	24.2	0.00337	0.00909	0.00018	0.000649	0.000243	0.246	0.0000023	0.000821	0.00058	0.00188	0.000769
2043 Jan	0.000228	0.00123	0.0963	0.00001	4.34	5.31	0.0494	0.00092	24.2	0.00337	0.00909	0.00018	0.00065	0.000243	0.246	0.0000023	0.000823	0.00058	0.00188	0.00077
2043 Feb	0.000228	0.00123	0.0963	0.00001	4.34	5.31	0.0494	0.00092	24.2	0.00337	0.00909	0.00018	0.00065	0.000243	0.246	0.0000023	0.000823	0.00058	0.00188	0.000771
2043 Mar	0.000228	0.00123	0.0964	0.00001	4.34	5.31	0.0494	0.00092	24.2	0.00337	0.0091	0.00018	0.00065	0.000243	0.246	0.0000023	0.000823	0.000581	0.00188	0.000771
2043 Apr	0.000229	0.00123	0.0968	0.0000101	4.36	5.33	0.0496	0.000924	24.3	0.00339	0.00913	0.000181	0.000653	0.000244	0.247	0.00000231	0.000826	0.000583	0.00189	0.000774
2043 May	0.000239	0.00125	0.1	0.0000103	4.42	5.43	0.0514	0.000932	24.5	0.00343	0.00932	0.000195	0.00066	0.000248	0.251	0.00000235	0.000833	0.000603	0.00192	0.00078
2043 Jun	0.000276	0.00119	0.113	0.00000996	3.82	4.95	0.0554	0.00077	20.5	0.00301	0.00935	0.00028	0.000567	0.000215	0.225	0.00000223	0.000674	0.000671	0.00188	0.00062
2043 Jul	0.000284	0.00124	0.116	0.0000104	4.07	5.24	0.0576	0.000822	21.8	0.0032	0.00969	0.000284	0.000608	0.00023	0.239	0.00000233	0.000727	0.000695	0.00196	0.000676
2043 Aug	0.000296	0.00132	0.12	0.0000108	4.44	5.66	0.0609	0.000902	23.6	0.00347	0.01	0.000289	0.00066	0.00025	0.259	0.00000244	0.000805	0.00072	0.00204	0.000756
2043 Sep	0.000299	0.00137	0.118	0.0000108	4.77	6.02	0.0628	0.00098	25.2	0.0037	0.00999	0.000282	0.000706	0.000269	0.276	0.00000248	0.000883	0.000722	0.00204	0.000842
2043 Oct	0.000296	0.00139	0.116	0.0000108	4.91	6.16	0.0626	0.00102	25.8	0.00379	0.00996	0.000269	0.000722	0.000277	0.283	0.00000248	0.000919	0.000708	0.00201	0.000882
2043 Nov	0.000292	0.00139	0.115	0.0000107	4.89	6.13	0.0616	0.00103	25.7	0.00377	0.00994	0.00026	0.000716	0.000275	0.282	0.00000246	0.000918	0.000694	0.00198	0.000883
2043 Dec	0.000292	0.00139	0.115	0.0000107	4.9	6.14	0.0616	0.00103	25.7	0.00378	0.00995	0.00026	0.000717	0.000276	0.283	0.00000246	0.000919	0.000694	0.00198	0.000884
2044 Jan	0.000292	0.00139	0.115	0.0000107	4.9	6.14	0.0616	0.00103	25.7	0.00378	0.00995	0.00026	0.000717	0.000276	0.283	0.00000246	0.000919	0.000694	0.00198	0.000884
2044 Feb	0.000292	0.00139	0.115	0.0000107	4.9	6.14	0.0617	0.00103	25.7	0.00378	0.00995	0.00026	0.000717	0.000276	0.283	0.00000246	0.00092	0.000694	0.00198	0.000885
2044 Mar	0.000292	0.00139	0.115	0.0000107	4.9	6.15	0.0617	0.00104	25.7	0.00378	0.00996	0.00026	0.000718	0.000276	0.283	0.00000247	0.000921	0.000695	0.00198	0.000885
2044 Apr	0.000293	0.00139	0.115	0.0000107	4.91	6.16	0.0618	0.00104	25.8	0.00379	0.00998	0.000261	0.000719	0.000276	0.284	0.00000247	0.000922	0.000696	0.00199	0.000887
2044 May	0.000297	0.00141	0.117	0.0000109	4.98	6.24	0.0628	0.00105	26.1	0.00384	0.0101	0.000265	0.000729	0.00028	0.287	0.0000025	0.000934	0.000706	0.00201	0.000899
2044 Jun	0.000264	0.00122	0.109	0.0000102	4.08	5.18	0.0542	0.00084	20.9	0.0032	0.00949	0.000248	0.000612	0.000229	0.237	0.0000023	0.000742	0.000662	0.00193	0.000707
2044 Jul	0.00026	0.00122	0.11	0.0000104	4.07	5.14	0.0536	0.000833	20.6	0.0032	0.00965	0.000243	0.000617	0.000228	0.235	0.00000234	0.000738	0.000668	0.00199	0.000706
2044 Aug	0.000274	0.0013	0.115	0.000011	4.36	5.5	0.0568	0.000896	22	0.00342	0.0102	0.000253	0.00066	0.000245	0.252	0.00000247	0.000795	0.000702	0.0021	0.000764
2044 Sep	0.000266	0.0013	0.111	0.0000108	4.41	5.52	0.0555	0.000923	22	0.00344	0.00995	0.000236	0.000658	0.000247	0.254	0.00000244	0.000812	0.00067	0.00203	0.000787
2044 Oct	0.000264	0.00131	0.109	0.0000107	4.49	5.61	0.0553	0.000953	22.3	0.0035	0.0099	0.000226	0.000667	0.000251	0.258	0.00000243	0.000835	0.000658	0.00199	0.000815
2044 Nov	0.000264	0.00131	0.109	0.0000107	4.53	5.64	0.0554	0.000963	22.4	0.00352	0.00991	0.000225	0.000671	0.000253	0.26	0.00000243	0.000843	0.000657	0.00199	0.000825
2044 Dec	0.000264	0.00131	0.109	0.0000107	4.54	5.66	0.0555	0.000965	22.5	0.00353	0.00991	0.000225	0.000672	0.000254	0.261	0.00000244	0.000845	0.000657	0.00199	0.000827
2045 Jan	0.000264	0.00131	0.109	0.0000107	4.54	5.66	0.0555	0.000965	22.5	0.00353	0.00991	0.000225	0.000673	0.000254	0.261	0.00000244	0.000846	0.000657	0.00199	0.000828
2045 Feb	0.000264	0.00132	0.109	0.0000107	4.54	5.66	0.0555	0.000966	22.5	0.00353	0.00991	0.000225	0.000673	0.000254	0.261	0.00000244	0.000846	0.000658	0.00199	0.000828
2045 Mar	0.000264	0.00132	0.109	0.0000107	4.54	5.66	0.0555	0.000966	22.5	0.00353	0.00991	0.000225	0.000673	0.000254	0.261	0.00000244	0.000846	0.000658	0.00199	0.000828

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Apr	0.000265	0.00132	0.109	0.0000107	4.55	5.67	0.0556	0.000968	22.5	0.00354	0.00993	0.000226	0.000674	0.000255	0.261	0.00000244	0.000848	0.000659	0.002	0.00083
2045 May	0.000268	0.00133	0.111	0.0000109	4.61	5.74	0.0563	0.00098	22.8	0.00358	0.0101	0.000228	0.000683	0.000258	0.265	0.00000247	0.000859	0.000667	0.00202	0.00084
2045 Jun	0.00025	0.0013	0.102	0.0000105	4.76	5.82	0.055	0.000999	22.6	0.00368	0.00953	0.000202	0.000723	0.000267	0.27	0.00000241	0.00091	0.000656	0.00202	0.000921
2045 Jul	0.000243	0.00129	0.101	0.0000106	4.68	5.71	0.0535	0.000976	21.8	0.00364	0.00958	0.000194	0.00072	0.000263	0.265	0.00000243	0.000894	0.000655	0.00207	0.000909
2045 Aug	0.00025	0.00134	0.104	0.000011	4.89	5.95	0.0554	0.00102	22.7	0.0038	0.00986	0.000198	0.00075	0.000275	0.277	0.00000251	0.000938	0.000671	0.00212	0.000957
2045 Sep	0.000251	0.00136	0.104	0.000011	5	6.07	0.0559	0.00105	23.1	0.00387	0.00988	0.000194	0.000762	0.000281	0.282	0.00000253	0.000963	0.000667	0.00212	0.000987
2045 Oct	0.000254	0.00138	0.104	0.000011	5.14	6.23	0.057	0.00109	23.7	0.00397	0.00991	0.000193	0.000783	0.000289	0.29	0.00000255	0.000996	0.000673	0.00213	0.00103
2045 Nov	0.000255	0.00139	0.104	0.0000111	5.19	6.28	0.0573	0.0011	23.9	0.004	0.00993	0.000194	0.000789	0.000291	0.292	0.00000256	0.001	0.000675	0.00213	0.00104
2045 Dec	0.000256	0.00139	0.104	0.0000111	5.2	6.3	0.0574	0.0011	23.9	0.00401	0.00993	0.000194	0.000791	0.000292	0.293	0.00000256	0.00101	0.000676	0.00214	0.00104
2046 Jan	0.000256	0.00139	0.104	0.0000111	5.2	6.3	0.0574	0.0011	23.9	0.00402	0.00993	0.000194	0.000792	0.000292	0.293	0.00000256	0.00101	0.000676	0.00214	0.00104
2046 Feb	0.000256	0.00139	0.104	0.0000111	5.2	6.3	0.0575	0.0011	24	0.00402	0.00993	0.000194	0.000792	0.000292	0.294	0.00000256	0.00101	0.000676	0.00214	0.00104
2046 Mar	0.000256	0.00139	0.104	0.0000111	5.21	6.31	0.0575	0.0011	24	0.00402	0.00994	0.000194	0.000793	0.000292	0.294	0.00000257	0.00101	0.000677	0.00214	0.00104
2046 Apr	0.000257	0.0014	0.104	0.0000111	5.23	6.33	0.0578	0.00111	24.1	0.00404	0.00998	0.000195	0.000796	0.000294	0.295	0.00000258	0.00101	0.00068	0.00215	0.00105
2046 May	0.000262	0.00142	0.106	0.0000113	5.32	6.44	0.0588	0.00112	24.4	0.0041	0.0101	0.000199	0.000809	0.000299	0.3	0.00000261	0.00103	0.000691	0.00218	0.00106
2046 Jun	0.000234	0.00127	0.0988	0.0000106	4.64	5.62	0.0521	0.000962	20.7	0.00361	0.0095	0.000183	0.000721	0.00026	0.261	0.00000243	0.000889	0.000651	0.00209	0.000923
2046 Jul	0.000208	0.00114	0.0938	0.0000103	3.99	4.85	0.0453	0.000818	17.5	0.00316	0.00917	0.000165	0.000633	0.000223	0.225	0.00000231	0.00075	0.000605	0.00203	0.000774
2046 Aug	0.000215	0.00119	0.0962	0.0000106	4.22	5.11	0.0472	0.000868	18.4	0.00332	0.00943	0.000168	0.000664	0.000236	0.237	0.00000239	0.000797	0.00062	0.00208	0.000827
2046 Sep	0.000214	0.00122	0.0936	0.0000105	4.39	5.3	0.0477	0.000921	18.9	0.00343	0.00928	0.000158	0.000682	0.000246	0.247	0.00000237	0.00084	0.000602	0.00203	0.000885
2046 Oct	0.000214	0.00124	0.092	0.0000103	4.55	5.46	0.0482	0.000967	19.3	0.00353	0.00921	0.000151	0.000698	0.000254	0.255	0.00000236	0.000879	0.000592	0.00198	0.000934
2046 Nov	0.000216	0.00126	0.0917	0.0000103	4.67	5.6	0.049	0.000996	19.7	0.00362	0.00919	0.00015	0.000716	0.000261	0.262	0.00000237	0.000908	0.000594	0.00198	0.00097
2046 Dec	0.000217	0.00126	0.0917	0.0000103	4.69	5.63	0.0492	0.001	19.8	0.00363	0.00919	0.00015	0.000719	0.000263	0.263	0.00000237	0.000914	0.000595	0.00199	0.000977
2047 Jan	0.000217	0.00126	0.0917	0.0000103	4.7	5.63	0.0493	0.001	19.8	0.00364	0.00919	0.00015	0.00072	0.000263	0.263	0.00000237	0.000914	0.000595	0.00199	0.000978
2047 Feb	0.000217	0.00126	0.0917	0.0000103	4.7	5.63	0.0493	0.001	19.8	0.00364	0.00919	0.00015	0.00072	0.000263	0.263	0.00000237	0.000914	0.000595	0.00199	0.000978
2047 Mar	0.000217	0.00126	0.0919	0.0000104	4.71	5.64	0.0493	0.001	19.9	0.00364	0.00921	0.00015	0.000721	0.000263	0.264	0.00000238	0.000916	0.000596	0.00199	0.000979
2047 Apr	0.000218	0.00127	0.092	0.0000104	4.72	5.65	0.0494	0.00101	19.9	0.00365	0.00923	0.00015	0.000723	0.000264	0.264	0.00000238	0.000918	0.000598	0.00199	0.000981
2047 May	0.000232	0.00129	0.0961	0.0000104	4.77	5.76	0.052	0.00101	20	0.00369	0.00933	0.000172	0.000728	0.000267	0.268	0.0000024	0.000923	0.000623	0.002	0.000989
2047 Jun	0.000282	0.00125	0.111	0.00001	4.36	5.53	0.059	0.000885	17.8	0.00339	0.00927	0.000272	0.000657	0.000246	0.253	0.00000227	0.000804	0.000703	0.00193	0.000861
2047 Jul	0.00029	0.0013	0.115	0.0000105	4.55	5.76	0.061	0.000923	18.5	0.00354	0.00967	0.000279	0.000688	0.000257	0.264	0.00000238	0.000841	0.000729	0.00203	0.000904
2047 Aug	0.000302	0.00136	0.118	0.0000109	4.82	6.08	0.0637	0.000982	19.4	0.00374	0.01	0.000286	0.000726	0.000272	0.279	0.00000248	0.000896	0.000754	0.0021	0.000968
2047 Sep	0.000297	0.00138	0.115	0.0000108	4.96	6.22	0.0635	0.00103	19.8	0.00383	0.0099	0.000272	0.000743	0.00028	0.286	0.00000247	0.000934	0.000735	0.00206	0.00102
2047 Oct	0.000293	0.00139	0.112	0.0000107	5.11	6.36	0.0632	0.00107	20.1	0.00393	0.00976	0.000257	0.00076	0.000288	0.294	0.00000245	0.000975	0.000717	0.00201	0.00108
2047 Nov	0.000292	0.0014	0.112	0.0000106	5.18	6.43	0.0635	0.00109	20.3	0.00398	0.00974	0.000254	0.000769	0.000292	0.297	0.00000245	0.000992	0.000715	0.00201	0.0011
2047 Dec	0.000293	0.00141	0.111	0.0000106	5.2	6.46	0.0636	0.0011	20.4	0.00399	0.00974	0.000254	0.000772	0.000293	0.299	0.00000246	0.000997	0.000715	0.00201	0.0011
2048 Jan	0.000293	0.00141	0.111	0.0000106	5.21	6.46	0.0637	0.0011	20.4	0.00399	0.00974	0.000254	0.000773	0.000294	0.299	0.00000246	0.000998	0.000716	0.00201	0.00111
2048 Feb	0.000293	0.00141	0.112	0.0000106	5.21	6.47	0.0637	0.0011	20.4	0.004	0.00974	0.000254	0.000774	0.000294	0.299	0.00000246	0.000999	0.000716	0.00201	0.00111
2048 Mar	0.000293	0.00141	0.112	0.0000106	5.21	6.47	0.0637	0.0011	20.4	0.004	0.00974	0.000254	0.000774	0.000294	0.299	0.00000246	0.000999	0.000716	0.00201	0.00111
2048 Apr	0.000294	0.00141	0.112	0.0000107	5.23	6.49	0.0639	0.0011	20.5	0.00401	0.00978	0.000255	0.000776	0.000295	0.3	0.00000247	0.001	0.000718	0.00202	0.00111
2048 May	0.000298	0.00143	0.114	0.0000108	5.3	6.58	0.0648	0.00112	20.8	0.00407	0.00991	0.000258	0.000787	0.000299	0.304	0.0000025	0.00102	0.000729	0.00204	0.00113
2048 Jun	0.000255	0.00125	0.104	0.0000103	4.39	5.46	0.0544	0.000911	17	0.00342	0.00942	0.000224	0.000669	0.000247	0.252	0.00000233	0.000823	0.000666	0.00199	0.000904
2048 Jul	0.000226	0.00113	0.0994	0.0000101	3.81	4.74	0.0474	0.000777	14.5	0.00301	0.00921	0.0002	0.000593	0.000213	0.218	0.00000225	0.000697	0.000624	0.00196	0.00076
2048 Aug	0.00023	0.00118	0.0998	0.0000103	4.04	5	0.0488	0.000835	15.2	0.00318	0.0093	0.000196	0.000623	0.000226	0.23	0.0000023	0.000749	0.000622	0.00198	0.000829
2048 Sep	0.000232	0.00122	0.0984	0.0000103	4.3	5.27	0.0502	0.000898	15.9	0.00336	0.00925	0.00019	0.000656	0.000241	0.244	0.00000233	0.00081	0.000618	0.00196	0.00091
2048 Oct	0.000232	0.00124	0.0969	0.0000103	4.46	5.45	0.0508	0.000942	16.3	0.00346	0.00919	0.000183	0.000677	0.00025	0.253	0.00000232	0.00085	0.000612	0.00194	0.000965
2048 Nov	0.000233	0.00125	0.0967	0.0000103	4.51	5.51	0.051	0.000958	16.4	0.0035	0.0092	0.000181	0.000683	0.000253	0.256	0.00000233	0.000863	0.000611	0.00193	0.000982
2048 Dec	0.000233	0.00125	0.0967	0.0000103	4.52	5.52	0.0511	0.000959	16.4	0.0035	0.0092	0.000181	0.000684	0.000253	0.256	0.00000233	0.000865	0.000611	0.00194	0.000984
2049 Jan	0.000233	0.00125	0.0967	0.0000103	4.52	5.52	0.0511	0.000959	16.4	0.0035	0.0092	0.000181	0.000684	0.000253	0.256	0.00000233	0.000865	0.000611	0.00194	0.000984
2049 Feb	0.000233	0.00125	0.0967	0.0000103	4.52	5.52	0.0511	0.000959	16.4	0.0035	0.00921	0.000181	0.000684	0.000253	0.256	0.00000233	0.000865	0.000611	0.00194	0.000984
2049 Mar	0.000233	0.00125	0.0968	0.0000103	4.52	5.52	0.0511	0.00096	16.4	0.00351	0.00921	0.000181	0.000685	0.000253	0.256	0.00000233	0.000865	0.000612	0.00194	0.000985
2049 Apr	0.000234	0.00125	0.0971	0.0000103	4.54	5.54	0.0513	0.000963	16.5	0.00352	0.00924	0.000182	0.000687	0.000254	0.257	0.00000234	0.000868	0.000614	0.00194	0.000988
2049 May	0.000238	0.00127	0.0987	0.0000104	4.6	5.61	0.0522	0.000975	16.7	0.00356	0.00937	0.000186	0.000696	0.000258	0.261	0.00000237	0.000879	0.000624	0.00197	0.001
2049 Jun	0.000209	0.00111	0.0934	0.00000995	3.76	4.63	0.0444	0.000779	13.5	0.00297	0.00895	0.000172	0.000586	0.00021	0.213	0.00000221	0.000696	0.000587	0.00192	0.000784
2049 Jul	0.000199	0.00107	0.0918	0.00000995	3.59	4.4	0.0421	0.000736	12.6	0.00285	0.00891	0.000164	0.000566	0.0002	0.203	0.0000022	0.000659	0.000575	0.00193	0.000745
2049 Aug	0.00021	0.00114	0.096	0.0000104	3.87	4.73	0.0448	0.000796	13.5	0.00307	0.00933	0.00017	0.000608	0.000215	0.219	0.00000231	0.000716	0.000603	0.00202	0.000815
2049 Sep	0.00021	0.00117	0.0943	0.0000104	4.04	4.92	0.0454	0.000846	13.9	0.00318	0.00926	0.000162	0.000627	0.000225	0.228	0.00000231	0.000758	0.000591	0.00198	0.000875
2049 Oct	0.00021	0.00118	0.0926	0.0000103	4.16	5.05	0.0456	0.000886	14.1	0.00325	0.00919	0.000155	0.000639	0.000232	0.234	0.0000023	0.000789	0.000579	0.00194	0.000922
2049 Nov	0.000212	0.0012	0.0922	0.0000103	4.31	5.22	0.0467	0.00092	14.5	0.00336	0.00917	0.000153	0.00066	0.00024	0.243	0.00000231	0.000825	0.000583	0.00194	0.00097
2049 Dec	0.000212	0.00121	0.0922	0.0000103	4.33	5.24	0.0468	0.000924	14.5	0.00337	0.00917	0.000153	0.000663	0.000241	0.244	0.00000231	0.000829	0.000583	0.00194	0.000976
2050 Jan	0.000212	0.00121	0.0922	0.0000103	4.33	5.24	0.0469	0.000925	14.5	0.00337	0.00917	0.000153	0.000663	0.000242	0.244	0.00000231	0.00083	0.000584	0.00194	0.000977
2050 Feb	0.000212	0.00121	0.0922	0.0000103	4.33	5.24	0.0469	0.000925	14.5	0.00337	0.00917	0.000153	0.000663	0.000242	0.244	0.00000231	0.00083	0.000584	0.00194	0.000977
2050 Mar	0.000212	0.00121	0.0923	0.0000103	4.33	5.24	0.0469	0.000925	14.5	0.00337	0.00917	0.000153	0.000663	0.000242	0.244	0.00000231	0.00083	0.000584	0.00194	0.000977
2050 Apr	0.000213	0.00121	0.0925	0.0000103	4.34	5.25	0.047	0.000927	14.6	0.00338	0.0092	0.000154	0.000665	0.000242	0.244	0.00000232	0.000832	0.000585	0.00195	0.000979
2050 May	0.000216	0.00123	0.0937	0.0000104	4.39	5.32	0.0476	0.000937	14.7	0.00342	0.0093	0.000157	0.000672	0.000245	0.247	0.00000234	0.000841	0.000593	0.00197	0.00099
2050 Jun	0.000209	0.00111	0.0943	0.0000101	3.73	4.6	0.044	0.000775	12.4	0.00295	0.00909	0.000171	0.000582	0.000208	0.212	0.00000223	0.000688	0.000589	0.00194	0.0008
2050 Jul	0.000193	0.00105	0.0909	0.00000987	3.41	4.21	0.0402	0.000703	11.2	0.00273	0.00887	0.000159	0.000539	0.00019	0.194	0.00000216	0.000622	0.000558	0.00189	0.000723
2050 Aug	0.000199	0.00109	0.0933	0.0000102	3.62	4.44	0.042	0.000747	11.8	0.00288	0.00911	0.000162	0.000568	0.000201	0.205	0.00000224	0.000664	0.000571	0.00194	0.00078
2050 Sep	0.000201	0.00112	0.0928	0.0000102	3.76	4.6	0.0427	0.000786	12.1	0.00298	0.00912	0.000158	0.000585	0.000209	0.212	0.00000225	0.000698	0.000567	0.00193	0.000828
2050 Oct	0.000204	0.00114	0.0931	0.0000103	3.89	4.74	0.0436	0.000815	12.4	0.00307	0.00917	0.000158	0.000602	0.000216	0.219	0.00000227	0.000726	0.000572	0.00194	0.000867
2050 Nov	0.000205	0.00115	0.0933	0.0000103	3.96	4.83	0.0443	0.000831	12.6	0.00312	0.00919	0.000158	0.000614	0.000221	0.223	0.00000229	0.000743	0.000576	0.00195	0.000891

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Dec	0.000206	0.00115	0.0933	0.0000103	3.97	4.84	0.0444	0.000834	12.6	0.00313	0.00919	0.000158	0.000616	0.000221	0.224	0.00000229	0.000746	0.000577	0.00195	0.000895
2051 Jan	0.000206	0.00115	0.0933	0.0000103	3.98	4.84	0.0444	0.000835	12.6	0.00313	0.00919	0.000158	0.000617	0.000222	0.224	0.00000229	0.000747	0.000577	0.00195	0.000897
2051 Feb	0.000206	0.00116	0.0933	0.0000103	3.98	4.85	0.0444	0.000835	12.6	0.00313	0.00919	0.000158	0.000617	0.000222	0.224	0.00000229	0.000747	0.000577	0.00195	0.000897
2051 Mar	0.000206	0.00116	0.0933	0.0000103	3.98	4.85	0.0444	0.000835	12.6	0.00313	0.00919	0.000158	0.000617	0.000222	0.225	0.00000229	0.000748	0.000577	0.00195	0.000897
2051 Apr	0.000207	0.00116	0.0936	0.0000104	4	4.86	0.0446	0.000838	12.7	0.00315	0.00922	0.000159	0.000619	0.000223	0.225	0.0000023	0.00075	0.000579	0.00196	0.000901
2051 May	0.000216	0.00119	0.0958	0.0000105	4.17	5.08	0.0468	0.000873	13.1	0.00327	0.00933	0.000168	0.000645	0.000233	0.235	0.00000233	0.000787	0.000598	0.00199	0.000953
2051 Jun	0.000236	0.00112	0.099	0.00000979	3.88	4.85	0.0498	0.000778	11.5	0.00305	0.0088	0.000218	0.000603	0.000218	0.223	0.00000217	0.000715	0.000635	0.0019	0.000888
2051 Jul	0.000229	0.00111	0.0982	0.00000988	3.79	4.72	0.0483	0.000757	11.2	0.00299	0.00885	0.00021	0.000595	0.000213	0.217	0.00000218	0.000696	0.00063	0.00193	0.000866
2051 Aug	0.000229	0.00113	0.0984	0.00001	3.89	4.83	0.0485	0.000787	11.4	0.00306	0.00894	0.000205	0.000604	0.000218	0.222	0.00000222	0.000717	0.000619	0.00193	0.000898
2051 Sep	0.000224	0.00114	0.0961	0.00000993	3.89	4.83	0.0473	0.000807	11.3	0.00306	0.00888	0.000192	0.000596	0.000218	0.222	0.0000022	0.000722	0.000595	0.00187	0.000909
2051 Oct	0.000213	0.00113	0.092	0.00000962	3.82	4.73	0.0446	0.000825	10.9	0.00298	0.00876	0.00017	0.000571	0.000212	0.218	0.00000213	0.000713	0.00055	0.00175	0.000902
2051 Nov	0.000213	0.00114	0.0918	0.00000963	3.88	4.8	0.0449	0.000842	11.1	0.00303	0.00878	0.000168	0.000578	0.000216	0.222	0.00000214	0.000728	0.000549	0.00175	0.000924
2051 Dec	0.000214	0.00114	0.0918	0.00000963	3.9	4.82	0.0451	0.000846	11.1	0.00304	0.00877	0.000168	0.000581	0.000217	0.223	0.00000214	0.000733	0.00055	0.00175	0.000931
2052 Jan	0.000214	0.00114	0.0918	0.00000963	3.91	4.82	0.0451	0.000846	11.1	0.00304	0.00877	0.000168	0.000582	0.000217	0.223	0.00000214	0.000733	0.00055	0.00175	0.000931
2052 Feb	0.000214	0.00114	0.0918	0.00000964	3.91	4.82	0.0451	0.000846	11.1	0.00304	0.00878	0.000168	0.000582	0.000217	0.223	0.00000214	0.000733	0.00055	0.00175	0.000932
2052 Mar	0.000214	0.00114	0.0919	0.00000965	3.91	4.83	0.0451	0.000847	11.1	0.00305	0.00878	0.000168	0.000582	0.000217	0.223	0.00000214	0.000734	0.00055	0.00175	0.000932
2052 Apr	0.000215	0.00114	0.092	0.00000966	3.92	4.84	0.0452	0.000849	11.1	0.00305	0.0088	0.000168	0.000583	0.000218	0.223	0.00000214	0.000735	0.000552	0.00175	0.000934
2052 May	0.000227	0.00116	0.0962	0.00000976	3.92	4.89	0.0473	0.000843	11.2	0.00306	0.00894	0.000189	0.000582	0.000218	0.225	0.00000216	0.000729	0.000575	0.00177	0.000925
2052 Jun	0.000256	0.00113	0.106	0.00000972	3.62	4.69	0.051	0.000752	10.4	0.00285	0.00908	0.000248	0.000537	0.000203	0.213	0.00000213	0.000643	0.000631	0.00178	0.000809
2052 Jul	0.000251	0.00115	0.106	0.00000988	3.69	4.74	0.0504	0.000765	10.4	0.0029	0.00915	0.000241	0.000546	0.000206	0.215	0.00000216	0.000659	0.000618	0.00179	0.000836
2052 Aug	0.000254	0.00118	0.107	0.0000101	3.82	4.89	0.0512	0.000798	10.7	0.003	0.00929	0.000239	0.000563	0.000214	0.223	0.00000221	0.000688	0.000619	0.00182	0.000879
2052 Sep	0.000252	0.00119	0.105	0.0000101	3.91	4.97	0.0511	0.000828	10.8	0.00306	0.00926	0.00023	0.000572	0.000219	0.227	0.00000222	0.00071	0.000607	0.00179	0.000916
2052 Oct	0.000252	0.00122	0.104	0.0000101	4.07	5.14	0.0518	0.000868	11.1	0.00316	0.00925	0.000224	0.000593	0.000227	0.235	0.00000223	0.000748	0.000605	0.00179	0.000973
2052 Nov	0.000253	0.00123	0.104	0.0000101	4.12	5.2	0.0522	0.000878	11.2	0.0032	0.00926	0.000225	0.0006	0.00023	0.238	0.00000224	0.000759	0.000608	0.00179	0.00099
2052 Dec	0.000254	0.00123	0.104	0.0000101	4.14	5.22	0.0524	0.000883	11.2	0.00322	0.00926	0.000225	0.000604	0.000232	0.239	0.00000224	0.000765	0.000609	0.0018	0.000998
2053 Jan	0.000254	0.00123	0.104	0.0000101	4.15	5.23	0.0524	0.000885	11.2	0.00322	0.00926	0.000225	0.000605	0.000232	0.24	0.00000224	0.000766	0.000609	0.0018	0.001
2053 Feb	0.000254	0.00123	0.104	0.0000101	4.15	5.23	0.0524	0.000885	11.2	0.00322	0.00926	0.000225	0.000605	0.000232	0.24	0.00000224	0.000767	0.000609	0.0018	0.001
2053 Mar	0.000254	0.00123	0.105	0.0000101	4.15	5.24	0.0525	0.000886	11.3	0.00323	0.00928	0.000225	0.000606	0.000232	0.24	0.00000224	0.000768	0.00061	0.0018	0.001
2053 Apr	0.000255	0.00124	0.105	0.0000102	4.17	5.26	0.0527	0.00089	11.3	0.00324	0.00931	0.000226	0.000608	0.000233	0.241	0.00000225	0.000771	0.000612	0.00181	0.00101
2053 May	0.000288	0.0013	0.112	0.0000102	4.51	5.73	0.0598	0.000946	11.9	0.00348	0.00937	0.00027	0.000656	0.000254	0.263	0.00000228	0.000838	0.000673	0.00183	0.00112
2053 Jun	0.000325	0.00125	0.122	0.00000975	4.16	5.51	0.0651	0.000833	10.9	0.00322	0.00917	0.000349	0.000601	0.000236	0.249	0.00000215	0.000739	0.000739	0.00178	0.000991
2053 Jul	0.00033	0.00129	0.124	0.0000101	4.31	5.68	0.0664	0.000863	11.2	0.00334	0.00942	0.000352	0.000626	0.000245	0.257	0.00000222	0.000771	0.000757	0.00184	0.00104
2053 Aug	0.000342	0.00136	0.127	0.0000105	4.66	6.08	0.0697	0.00094	11.9	0.0036	0.00972	0.000358	0.000677	0.000265	0.276	0.00000233	0.000845	0.000781	0.00191	0.00115
2053 Sep	0.000354	0.00145	0.129	0.0000108	5.18	6.66	0.0739	0.00105	12.9	0.00396	0.00985	0.00036	0.000754	0.000294	0.304	0.00000241	0.000962	0.000807	0.00197	0.00133
2053 Oct	0.000358	0.00149	0.128	0.0000108	5.47	6.98	0.0758	0.00112	13.4	0.00417	0.00983	0.000357	0.000797	0.000311	0.32	0.00000244	0.00103	0.000815	0.00198	0.00144
2053 Nov	0.000357	0.00149	0.127	0.0000108	5.5	7.02	0.0758	0.00113	13.4	0.00419	0.00983	0.000354	0.000802	0.000313	0.322	0.00000244	0.00104	0.000813	0.00198	0.00145
2053 Dec	0.000357	0.00149	0.127	0.0000108	5.52	7.03	0.0759	0.00113	13.4	0.0042	0.00982	0.000354	0.000804	0.000314	0.322	0.00000245	0.00104	0.000814	0.00198	0.00146
2054 Jan	0.000357	0.00149	0.127	0.0000108	5.52	7.03	0.076	0.00113	13.5	0.0042	0.00982	0.000354	0.000804	0.000314	0.323	0.00000245	0.00104	0.000814	0.00198	0.00146
2054 Feb	0.000358	0.00149	0.127	0.0000108	5.52	7.04	0.076	0.00113	13.5	0.0042	0.00982	0.000354	0.000804	0.000314	0.323	0.00000245	0.00104	0.000814	0.00198	0.00146
2054 Mar	0.000358	0.00149	0.127	0.0000108	5.52	7.04	0.076	0.00113	13.5	0.0042	0.00982	0.000354	0.000804	0.000314	0.323	0.00000245	0.00104	0.000814	0.00198	0.00146
2054 Apr	0.000359	0.0015	0.128	0.0000109	5.54	7.06	0.0762	0.00113	13.5	0.00422	0.00986	0.000356	0.000807	0.000315	0.324	0.00000246	0.00105	0.000817	0.00199	0.00146
2054 May	0.000368	0.00151	0.131	0.000011	5.56	7.11	0.0777	0.00113	13.6	0.00423	0.00999	0.000369	0.000809	0.000316	0.326	0.00000248	0.00105	0.000834	0.00201	0.00146
2054 Jun	0.00036	0.00135	0.131	0.0000103	4.64	6.13	0.0731	0.000916	11.5	0.00358	0.00961	0.000392	0.000677	0.000265	0.277	0.00000228	0.000834	0.000822	0.00191	0.00115
2054 Jul	0.000337	0.00131	0.126	0.0000102	4.45	5.84	0.0686	0.000876	10.9	0.00344	0.00947	0.000363	0.000653	0.000253	0.264	0.00000226	0.000799	0.000783	0.0019	0.00111
2054 Aug	0.000334	0.00133	0.125	0.0000104	4.55	5.93	0.0683	0.000907	11.1	0.00351	0.0095	0.000353	0.000664	0.000259	0.269	0.00000229	0.000823	0.000769	0.0019	0.00115
2054 Sep	0.00033	0.00134	0.123	0.0000104	4.61	5.99	0.0678	0.000932	11.1	0.00356	0.0095	0.000342	0.00067	0.000262	0.273	0.0000023	0.000839	0.000755	0.00189	0.00118
2054 Oct	0.000323	0.00133	0.121	0.0000103	4.59	5.94	0.0663	0.000938	11	0.00354	0.00945	0.000329	0.000663	0.00026	0.271	0.00000228	0.000838	0.000736	0.00185	0.00118
2054 Nov	0.000321	0.00133	0.12	0.0000103	4.58	5.93	0.0658	0.000941	11	0.00353	0.00944	0.000324	0.000661	0.00026	0.27	0.00000228	0.000838	0.000729	0.00184	0.00118
2054 Dec	0.000321	0.00133	0.12	0.0000103	4.61	5.96	0.066	0.000948	11	0.00355	0.00943	0.000324	0.000665	0.000261	0.272	0.00000228	0.000845	0.00073	0.00184	0.00119
2055 Jan	0.000321	0.00133	0.12	0.0000103	4.62	5.97	0.066	0.000948	11	0.00355	0.00943	0.000324	0.000666	0.000262	0.272	0.00000228	0.000846	0.00073	0.00184	0.00119
2055 Feb	0.000321	0.00133	0.12	0.0000103	4.62	5.97	0.066	0.000948	11	0.00355	0.00943	0.000324	0.000666	0.000262	0.272	0.00000228	0.000846	0.00073	0.00184	0.00119
2055 Mar	0.000322	0.00133	0.12	0.0000103	4.62	5.97	0.0661	0.000949	11	0.00355	0.00943	0.000324	0.000666	0.000262	0.272	0.00000228	0.000846	0.00073	0.00184	0.00119
2055 Apr	0.000322	0.00134	0.121	0.0000103	4.63	5.98	0.0663	0.000951	11.1	0.00356	0.00946	0.000325	0.000668	0.000262	0.273	0.00000229	0.000848	0.000732	0.00185	0.0012
2055 May	0.000326	0.00135	0.122	0.0000104	4.69	6.06	0.067	0.000963	11.2	0.00361	0.00957	0.000329	0.000676	0.000266	0.276	0.00000231	0.000859	0.000741	0.00187	0.00121
2055 Jun	0.00027	0.00117	0.108	0.00000996	3.95	5.06	0.0553	0.000797	9.27	0.00309	0.00901	0.000267	0.000593	0.000223	0.231	0.00000218	0.000714	0.000669	0.00185	0.00101
2055 Jul	0.000251	0.00112	0.106	0.00000998	3.65	4.68	0.0511	0.00073	8.59	0.00289	0.00901	0.000249	0.000558	0.000205	0.213	0.00000216	0.000651	0.000647	0.00187	0.000915
2055 Aug	0.000258	0.00116	0.108	0.0000103	3.81	4.86	0.0526	0.000764	8.89	0.00301	0.00929	0.000253	0.000579	0.000214	0.222	0.00000224	0.000681	0.00066	0.00192	0.000961
2055 Sep	0.000256	0.00117	0.107	0.0000103	3.87	4.93	0.0524	0.000788	8.96	0.00305	0.00927	0.000245	0.000585	0.000218	0.225	0.00000224	0.000697	0.000648	0.00191	0.000992
2055 Oct	0.000257	0.00119	0.107	0.0000104	3.96	5.02	0.0529	0.00081	9.08	0.00311	0.0093	0.000243	0.000596	0.000222	0.23	0.00000226	0.000717	0.000649	0.00191	0.00102
2055 Nov	0.000258	0.0012	0.107	0.0000104	4.02	5.09	0.0533	0.000824	9.16	0.00315	0.0093	0.000243	0.000605	0.000226	0.233	0.00000226	0.000731	0.000651	0.00191	0.00105
2055 Dec	0.000258	0.0012	0.107	0.0000104	4.05	5.12	0.0534	0.00083	9.2	0.00317	0.0093	0.000242	0.000609	0.000227	0.234	0.00000226	0.000738	0.000651	0.00191	0.00106
2056 Jan	0.000258	0.0012	0.107	0.0000104	4.05	5.12	0.0535	0.00083	9.2	0.00317	0.0093	0.000242	0.000609	0.000228	0.234	0.00000227	0.000738	0.000652	0.00191	0.00106
2056 Feb	0.000258	0.0012	0.107	0.0000104	4.05	5.12	0.0535	0.00083	9.2	0.00317	0.0093	0.000242	0.000609	0.000228	0.234	0.00000227	0.000739	0.000652	0.00191	0.00106
2056 Mar	0.000259	0.0012	0.107	0.0000104	4.05	5.12	0.0535	0.000831	9.21	0.00317	0.0093	0.000243	0.00061	0.000228	0.235	0.00000227	0.000739	0.000652	0.00191	0.00106
2056 Apr	0.000259	0.00121	0.107	0.0000104	4.06	5.14	0.0537	0.000833	9.24	0.00318	0.00933	0.000243	0.000612	0.000228	0.235	0.00000227	0.000741	0.000654	0.00192	0.00107
2056 May	0.000279	0.00122	0.114	0.0000105	4.02	5.17	0.0566	0.000814	9.25	0.00315	0.0095	0.000276	0.000601	0.000226	0.235	0.00000228	0.00072	0.000688	0.00193	0.00103
2056 Jun	0.000314	0.00115	0.125	0.00000998	3.46	4.73	0.0605	0.000665	8.35	0.00275	0.00938	0.000357	0.00051	0.000197	0.211	0.00000214	0.000573	0.000743	0.00185	0.000803
2056 Jul	0.00032	0.00119	0.128	0.0000104	3.62	4.91	0.0619	0.000695	8.61	0.00287	0.00969	0.000361	0.000534	0.000205	0.219	0.00000222	0.000603	0.00076	0.00191	0.000853

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Aug	0.000322	0.00122	0.129	0.0000106	3.76	5.06	0.0626	0.00073	8.81	0.00298	0.00983	0.000358	0.000552	0.000213	0.227	0.00000227	0.000634	0.000758	0.00194	0.000906
2056 Sep	0.000326	0.00126	0.13	0.0000108	3.93	5.26	0.0639	0.000772	9.07	0.0031	0.00997	0.000357	0.000577	0.000223	0.236	0.00000232	0.000672	0.000766	0.00196	0.000971
2056 Oct	0.00032	0.00127	0.126	0.0000106	4.03	5.34	0.0631	0.000805	9.1	0.00316	0.00985	0.000341	0.000587	0.000228	0.241	0.0000023	0.0007	0.000747	0.00192	0.00102
2056 Nov	0.000319	0.00127	0.126	0.0000106	4.08	5.39	0.0632	0.000819	9.15	0.00319	0.00983	0.000338	0.000594	0.000231	0.243	0.0000023	0.000713	0.000744	0.00192	0.00105
2056 Dec	0.000319	0.00128	0.125	0.0000106	4.1	5.41	0.0633	0.000823	9.17	0.00321	0.00982	0.000338	0.000597	0.000232	0.244	0.0000023	0.000718	0.000745	0.00192	0.00106
2057 Jan	0.000319	0.00128	0.125	0.0000106	4.1	5.41	0.0633	0.000823	9.17	0.00321	0.00983	0.000338	0.000597	0.000232	0.244	0.0000023	0.000718	0.000745	0.00192	0.00106
2057 Feb	0.000319	0.00128	0.125	0.0000106	4.1	5.41	0.0633	0.000823	9.17	0.00321	0.00983	0.000338	0.000597	0.000232	0.244	0.0000023	0.000718	0.000745	0.00192	0.00106
2057 Mar	0.000319	0.00128	0.126	0.0000107	4.1	5.42	0.0634	0.000824	9.18	0.00321	0.00983	0.000338	0.000598	0.000232	0.245	0.0000023	0.000718	0.000746	0.00192	0.00106
2057 Apr	0.000321	0.00128	0.126	0.0000107	4.12	5.44	0.0636	0.000827	9.21	0.00322	0.00987	0.000339	0.0006	0.000233	0.245	0.00000231	0.000721	0.000748	0.00193	0.00106
2057 May	0.000329	0.0013	0.129	0.0000108	4.16	5.51	0.0651	0.000832	9.33	0.00326	0.01	0.000351	0.000605	0.000235	0.248	0.00000234	0.000725	0.000765	0.00195	0.00107
2057 Jun	0.000313	0.00116	0.126	0.0000102	3.43	4.69	0.0599	0.000658	7.95	0.00273	0.0096	0.000355	0.000506	0.000194	0.209	0.00000218	0.000562	0.000746	0.00188	0.000812
2057 Jul	0.000309	0.00117	0.126	0.0000104	3.46	4.71	0.0594	0.000664	7.94	0.00277	0.00974	0.000348	0.000516	0.000196	0.21	0.00000222	0.00057	0.000747	0.00193	0.000829
2057 Aug	0.000327	0.00125	0.133	0.000011	3.76	5.08	0.0632	0.000725	8.48	0.00299	0.0103	0.000364	0.000559	0.000213	0.227	0.00000236	0.000627	0.000788	0.00204	0.00092
2057 Sep	0.000333	0.00129	0.133	0.0000112	4.05	5.4	0.0654	0.00079	8.84	0.0032	0.0104	0.000363	0.000601	0.000229	0.242	0.00000241	0.000692	0.000799	0.00207	0.00104
2057 Oct	0.000332	0.00132	0.131	0.0000112	4.27	5.63	0.0662	0.000845	9.05	0.00335	0.0102	0.000354	0.000634	0.000242	0.254	0.00000241	0.000749	0.000794	0.00205	0.00114
2057 Nov	0.000332	0.00133	0.131	0.0000112	4.33	5.69	0.0665	0.000858	9.11	0.00339	0.0102	0.000353	0.000641	0.000245	0.257	0.00000241	0.000762	0.000795	0.00205	0.00117
2057 Dec	0.000333	0.00133	0.131	0.0000112	4.34	5.71	0.0666	0.000861	9.12	0.0034	0.0102	0.000353	0.000644	0.000246	0.258	0.00000242	0.000766	0.000796	0.00205	0.00117
2058 Jan	0.000333	0.00133	0.131	0.0000112	4.35	5.71	0.0667	0.000862	9.13	0.00341	0.0102	0.000353	0.000645	0.000246	0.258	0.00000242	0.000767	0.000796	0.00205	0.00118
2058 Feb	0.000333	0.00133	0.131	0.0000112	4.35	5.72	0.0667	0.000862	9.13	0.00341	0.0102	0.000353	0.000645	0.000246	0.258	0.00000242	0.000767	0.000796	0.00205	0.00118
2058 Mar	0.000333	0.00133	0.131	0.0000112	4.35	5.72	0.0667	0.000863	9.13	0.00341	0.0102	0.000353	0.000645	0.000246	0.258	0.00000242	0.000768	0.000796	0.00206	0.00118
2058 Apr	0.000334	0.00133	0.131	0.0000112	4.36	5.73	0.0669	0.000865	9.15	0.00342	0.0103	0.000354	0.000647	0.000247	0.259	0.00000242	0.000769	0.000798	0.00206	0.00118
2058 May	0.000356	0.00138	0.135	0.0000112	4.61	6.07	0.0718	0.000909	9.43	0.00359	0.0103	0.000383	0.000681	0.000262	0.275	0.00000243	0.00082	0.000836	0.00206	0.00128
2058 Jun	0.000379	0.00129	0.138	0.0000101	4.19	5.73	0.0747	0.000791	8.53	0.00326	0.00947	0.000443	0.000611	0.000241	0.256	0.00000218	0.00072	0.000859	0.00188	0.00115
2058 Jul	0.000378	0.0013	0.139	0.0000104	4.25	5.78	0.0747	0.000802	8.58	0.00331	0.00965	0.000439	0.000623	0.000244	0.259	0.00000223	0.000732	0.000865	0.00193	0.00117
2058 Aug	0.000387	0.00136	0.142	0.0000107	4.48	6.06	0.077	0.000853	8.92	0.00348	0.00991	0.000445	0.000657	0.000257	0.272	0.00000231	0.000781	0.000883	0.00198	0.00126
2058 Sep	0.00038	0.00137	0.139	0.0000107	4.58	6.14	0.0761	0.000888	8.95	0.00355	0.00986	0.000427	0.000667	0.000262	0.276	0.00000231	0.000808	0.000863	0.00196	0.00131
2058 Oct	0.000374	0.00138	0.136	0.0000106	4.68	6.22	0.0754	0.00092	8.99	0.00361	0.0098	0.000413	0.000679	0.000267	0.281	0.00000231	0.000836	0.000847	0.00193	0.00137
2058 Nov	0.000374	0.00138	0.136	0.0000107	4.71	6.26	0.0756	0.000929	9.03	0.00364	0.0098	0.000412	0.000684	0.000269	0.283	0.00000231	0.000844	0.000848	0.00193	0.00139
2058 Dec	0.000374	0.00138	0.136	0.0000107	4.72	6.27	0.0757	0.000931	9.04	0.00364	0.0098	0.000412	0.000686	0.00027	0.283	0.00000231	0.000846	0.000848	0.00193	0.00139
2059 Jan	0.000374	0.00138	0.136	0.0000107	4.73	6.28	0.0757	0.000932	9.04	0.00364	0.0098	0.000412	0.000686	0.00027	0.283	0.00000231	0.000847	0.000848	0.00193	0.00139
2059 Feb	0.000374	0.00138	0.136	0.0000107	4.73	6.28	0.0757	0.000932	9.04	0.00364	0.0098	0.000412	0.000686	0.00027	0.283	0.00000231	0.000847	0.000848	0.00193	0.00139
2059 Mar	0.000374	0.00138	0.136	0.0000107	4.73	6.28	0.0757	0.000932	9.04	0.00364	0.0098	0.000412	0.000686	0.00027	0.283	0.00000231	0.000847	0.000848	0.00193	0.00139
2059 Apr	0.000375	0.00139	0.136	0.0000107	4.74	6.29	0.0759	0.000934	9.06	0.00365	0.00983	0.000413	0.000688	0.00027	0.284	0.00000232	0.000849	0.00085	0.00194	0.00139
2059 May	0.000388	0.0014	0.14	0.0000108	4.77	6.37	0.078	0.000934	9.15	0.00367	0.00995	0.000432	0.00069	0.000272	0.287	0.00000234	0.000849	0.000873	0.00196	0.0014
2059 Jun	0.000408	0.00137	0.147	0.0000106	4.44	6.1	0.0801	0.000845	8.79	0.00344	0.00996	0.000478	0.000638	0.000255	0.272	0.00000227	0.00076	0.000907	0.00193	0.00125
2059 Jul	0.000427	0.00144	0.154	0.0000112	4.7	6.44	0.084	0.000896	9.25	0.00364	0.0105	0.000498	0.000678	0.00027	0.288	0.0000024	0.000809	0.000952	0.00204	0.00133
2059 Aug	0.000445	0.00151	0.16	0.0000117	4.98	6.79	0.0879	0.000952	9.7	0.00385	0.0109	0.000516	0.000717	0.000285	0.304	0.00000252	0.000861	0.000991	0.00213	0.00142
2059 Sep	0.000443	0.00153	0.159	0.0000118	5.08	6.89	0.0878	0.000982	9.78	0.00392	0.011	0.000507	0.00073	0.000291	0.309	0.00000254	0.000886	0.000984	0.00213	0.00147
2059 Oct	0.000406	0.00147	0.148	0.0000112	4.83	6.51	0.0803	0.000966	9.21	0.00372	0.0106	0.00045	0.000685	0.000275	0.292	0.00000242	0.000848	0.000896	0.00199	0.00141
2059 Nov	0.000402	0.00147	0.146	0.0000112	4.85	6.53	0.0798	0.000976	9.2	0.00374	0.0105	0.000443	0.000688	0.000276	0.293	0.00000242	0.000857	0.000887	0.00197	0.00143
2059 Dec	0.000403	0.00147	0.146	0.0000112	4.86	6.54	0.0798	0.000979	9.21	0.00375	0.0105	0.000443	0.00069	0.000277	0.294	0.00000242	0.00086	0.000888	0.00197	0.00144
2060 Jan	0.000403	0.00147	0.146	0.0000112	4.86	6.54	0.0799	0.000979	9.21	0.00375	0.0105	0.000443	0.00069	0.000277	0.294	0.00000242	0.00086	0.000888	0.00197	0.00144
2060 Feb	0.000403	0.00147	0.146	0.0000112	4.87	6.54	0.0799	0.000979	9.21	0.00375	0.0105	0.000443	0.00069	0.000277	0.294	0.00000242	0.00086	0.000888	0.00197	0.00144
2060 Mar	0.000403	0.00147	0.146	0.0000112	4.87	6.55	0.0799	0.00098	9.21	0.00375	0.0105	0.000443	0.00069	0.000277	0.294	0.00000242	0.00086	0.000888	0.00198	0.00144
2060 Apr	0.000404	0.00147	0.147	0.0000113	4.88	6.57	0.0802	0.000983	9.25	0.00376	0.0106	0.000445	0.000693	0.000278	0.295	0.00000243	0.000863	0.000891	0.00198	0.00144
2060 May	0.000425	0.00148	0.153	0.0000112	4.81	6.57	0.0835	0.000952	9.21	0.00371	0.0106	0.000483	0.000678	0.000274	0.294	0.00000241	0.000835	0.000927	0.00198	0.0014
2060 Jun	0.000432	0.00137	0.156	0.0000106	4.19	5.95	0.0825	0.000795	8.46	0.00326	0.0103	0.00052	0.000586	0.00024	0.262	0.00000226	0.000687	0.000936	0.00189	0.00114
2060 Jul	0.000448	0.00143	0.163	0.0000111	4.38	6.21	0.0857	0.000833	8.81	0.00342	0.0108	0.000538	0.000616	0.000251	0.274	0.00000237	0.000721	0.000976	0.002	0.0012
2060 Aug	0.000449	0.00146	0.163	0.0000114	4.51	6.34	0.0861	0.000865	8.95	0.00351	0.0109	0.000533	0.000631	0.000258	0.281	0.00000242	0.000747	0.000972	0.00202	0.00125
2060 Sep	0.000413	0.0014	0.151	0.000011	4.37	6.07	0.0794	0.000868	8.51	0.00339	0.0105	0.000475	0.000605	0.00025	0.27	0.00000235	0.000735	0.000885	0.0019	0.00124
2060 Oct	0.000403	0.00141	0.147	0.0000109	4.47	6.14	0.0781	0.000902	8.48	0.00345	0.0103	0.000454	0.000617	0.000255	0.274	0.00000233	0.000764	0.000861	0.00187	0.00131
2060 Nov	0.000398	0.00141	0.145	0.0000109	4.48	6.13	0.0773	0.000909	8.44	0.00346	0.0103	0.000445	0.000618	0.000255	0.274	0.00000232	0.00077	0.000851	0.00185	0.00132
2060 Dec	0.000398	0.00141	0.145	0.0000109	4.51	6.16	0.0775	0.000915	8.46	0.00348	0.0103	0.000445	0.000622	0.000256	0.276	0.00000232	0.000776	0.000851	0.00185	0.00133
2061 Jan	0.000398	0.00141	0.145	0.0000109	4.51	6.17	0.0775	0.000916	8.46	0.00348	0.0103	0.000445	0.000623	0.000257	0.276	0.00000232	0.000777	0.000851	0.00185	0.00134
2061 Feb	0.000398	0.00141	0.145	0.0000109	4.51	6.17	0.0775	0.000916	8.46	0.00348	0.0103	0.000445	0.000623	0.000257	0.276	0.00000232	0.000778	0.000851	0.00185	0.00134
2061 Mar	0.000398	0.00141	0.145	0.0000109	4.51	6.17	0.0775	0.000916	8.46	0.00348	0.0103	0.000445	0.000623	0.000257	0.276	0.00000232	0.000778	0.000851	0.00185	0.00134
2061 Apr	0.0004	0.00142	0.145	0.0000109	4.53	6.19	0.0778	0.000919	8.49	0.00349	0.0103	0.000446	0.000625	0.000258	0.277	0.00000233	0.00078	0.000854	0.00186	0.00134
2061 May	0.000422	0.00143	0.151	0.0000109	4.52	6.27	0.0816	0.000902	8.53	0.00349	0.0103	0.000485	0.000623	0.000259	0.279	0.00000232	0.00077	0.000895	0.00186	0.00133
2061 Jun	0.000417	0.00131	0.15	0.0000101	3.99	5.69	0.0794	0.000764	7.75	0.0031	0.00975	0.000503	0.00055	0.000229	0.251	0.00000214	0.000652	0.000888	0.00177	0.00113
2061 Jul	0.000429	0.00136	0.155	0.0000106	4.18	5.93	0.0819	0.000801	8.04	0.00325	0.0102	0.000514	0.000579	0.00024	0.262	0.00000224	0.000686	0.000917	0.00186	0.00119
2061 Aug	0.000445	0.00143	0.16	0.0000111	4.43	6.25	0.0853	0.000852	8.4	0.00344	0.0106	0.000531	0.000614	0.000254	0.276	0.00000234	0.000733	0.000951	0.00193	0.00128
2061 Sep	0.000444	0.00145	0.159	0.0000111	4.59	6.42	0.0858	0.000894	8.51	0.00355	0.0106	0.000522	0.000637	0.000263	0.285	0.00000237	0.000773	0.000947	0.00194	0.00137
2061 Oct	0.000417	0.00142	0.149	0.0000108	4.56	6.29	0.0811	0.000913	8.22	0.00351	0.0102	0.000476	0.00063	0.000261	0.281	0.0000023	0.000784	0.000886	0.00185	0.0014
2061 Nov	0.000409	0.00142	0.146	0.0000107	4.57	6.27	0.0797	0.000922	8.14	0.00351	0.0101	0.000462	0.00063	0.00026	0.28	0.00000228	0.000789	0.000868	0.00182	0.00142
2061 Dec	0.000409	0.00142	0.146	0.0000107	4.58	6.29	0.0798	0.000925	8.15	0.00352	0.0101	0.000462	0.000632	0.000261	0.281	0.00000228	0.000794	0.000868	0.00182	0.00143
2062 Jan	0.000409	0.00142	0.146	0.0000107	4.59	6.29	0.0798	0.000927	8.16	0.00353	0.0101	0.000462	0.000634	0.000262	0.281	0.00000228	0.000796	0.000868	0.00182	0.00143
2062 Feb	0.000409	0.00142	0.146	0.0000107	4.59	6.3	0.0799	0.000927	8.16	0.00353	0.0101	0.000462	0.000634	0.000262	0.282	0.00000228	0.000796	0.000868	0.00182	0.00143
2062 Mar	0.00041	0.00142	0.146	0.0000107	4.6	6.3	0.0799	0.000928	8.17	0.00353	0.0101	0.000462	0.000635	0.000262	0.282	0.00000229	0.000797	0.000869	0.00182	0.00144

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2062 Apr	0.000411	0.00143	0.147	0.0000108	4.62	6.33	0.0802	0.000932	8.2	0.00355	0.0102	0.000464	0.000637	0.000263	0.283	0.00000229	0.0008	0.000872	0.00183	0.00144
2062 May	0.000415	0.00144	0.148	0.0000109	4.66	6.39	0.081	0.000941	8.28	0.00358	0.0103	0.000468	0.000644	0.000266	0.286	0.00000232	0.000808	0.000881	0.00185	0.00146
2062 Jun	0.000349	0.00126	0.133	0.0000104	3.9	5.34	0.0674	0.000775	7.05	0.00306	0.00975	0.000391	0.000559	0.000222	0.238	0.0000022	0.000662	0.00079	0.00184	0.00118
2062 Jul	0.000315	0.00118	0.125	0.0000103	3.57	4.85	0.0607	0.000702	6.48	0.00283	0.0096	0.00035	0.000523	0.000202	0.216	0.00000217	0.000597	0.000746	0.00186	0.00106
2062 Aug	0.000309	0.00119	0.123	0.0000104	3.63	4.9	0.0597	0.000725	6.49	0.00287	0.00958	0.000336	0.000527	0.000205	0.219	0.00000219	0.000614	0.000722	0.00184	0.0011
2062 Sep	0.000299	0.00119	0.12	0.0000103	3.67	4.9	0.0581	0.00075	6.42	0.00289	0.00947	0.000316	0.000527	0.000207	0.22	0.00000217	0.000628	0.000693	0.00179	0.00114
2062 Oct	0.000277	0.00117	0.111	0.00000995	3.63	4.8	0.0539	0.000775	6.17	0.00284	0.00917	0.000276	0.000513	0.000203	0.216	0.00000209	0.000635	0.000632	0.00167	0.00117
2062 Nov	0.000277	0.00117	0.111	0.00000997	3.66	4.83	0.0539	0.000783	6.19	0.00286	0.00918	0.000273	0.000516	0.000205	0.218	0.0000021	0.000642	0.000631	0.00167	0.00118
2062 Dec	0.000277	0.00117	0.111	0.00000997	3.68	4.85	0.0541	0.000788	6.2	0.00287	0.00918	0.000273	0.000519	0.000206	0.219	0.0000021	0.000647	0.000631	0.00167	0.00119
2063 Jan	0.000277	0.00118	0.111	0.00000997	3.69	4.86	0.0541	0.000789	6.21	0.00288	0.00918	0.000273	0.000521	0.000206	0.219	0.0000021	0.000648	0.000631	0.00167	0.0012
2063 Feb	0.000277	0.00118	0.111	0.00000997	3.69	4.86	0.0541	0.00079	6.21	0.00288	0.00918	0.000273	0.000521	0.000206	0.219	0.0000021	0.000649	0.000632	0.00167	0.0012
2063 Mar	0.000277	0.00118	0.111	0.00000997	3.69	4.86	0.0541	0.00079	6.21	0.00288	0.00918	0.000273	0.000521	0.000206	0.22	0.0000021	0.000649	0.000632	0.00167	0.0012
2063 Apr	0.000278	0.00118	0.111	0.00000999	3.7	4.87	0.0542	0.000791	6.22	0.00288	0.0092	0.000274	0.000522	0.000207	0.22	0.0000021	0.00065	0.000633	0.00168	0.0012
2063 May	0.000294	0.00119	0.117	0.0000101	3.67	4.9	0.0567	0.000776	6.32	0.00287	0.00935	0.000301	0.000515	0.000206	0.22	0.00000212	0.000635	0.000662	0.00169	0.00117
2063 Jun	0.00031	0.00104	0.123	0.00000923	2.84	4.09	0.057	0.000548	5.6	0.00228	0.00889	0.000367	0.000401	0.000161	0.179	0.00000191	0.000434	0.000702	0.00163	0.000772
2063 Jul	0.000296	0.00102	0.12	0.00000929	2.79	3.98	0.0546	0.000535	5.43	0.00225	0.00887	0.000348	0.0004	0.000157	0.174	0.00000192	0.000427	0.000687	0.00165	0.000763
2063 Aug	0.000307	0.00108	0.124	0.00000971	2.99	4.22	0.057	0.000577	5.69	0.0024	0.00921	0.000357	0.000428	0.000169	0.186	0.00000201	0.000465	0.000709	0.00172	0.000842
2063 Sep	0.000304	0.0011	0.122	0.00000979	3.15	4.39	0.0571	0.000623	5.76	0.00251	0.00919	0.000345	0.000449	0.000178	0.194	0.00000203	0.000505	0.000698	0.00171	0.000935
2063 Oct	0.000297	0.00111	0.118	0.00000969	3.24	4.46	0.0562	0.000656	5.74	0.00257	0.00907	0.000328	0.00046	0.000183	0.198	0.00000202	0.000533	0.000678	0.00167	0.001
2063 Nov	0.000297	0.00111	0.118	0.0000097	3.29	4.5	0.0563	0.000667	5.75	0.0026	0.00906	0.000326	0.000466	0.000185	0.2	0.00000202	0.000544	0.000676	0.00167	0.00103
2063 Dec	0.000297	0.00111	0.118	0.00000971	3.3	4.52	0.0564	0.00067	5.76	0.00261	0.00906	0.000326	0.000468	0.000186	0.201	0.00000202	0.000548	0.000677	0.00167	0.00103
2064 Jan	0.000297	0.00112	0.118	0.00000971	3.31	4.53	0.0565	0.000672	5.77	0.00261	0.00905	0.000326	0.00047	0.000186	0.202	0.00000202	0.00055	0.000677	0.00167	0.00104
2064 Feb	0.000297	0.00112	0.118	0.00000971	3.32	4.54	0.0565	0.000673	5.77	0.00262	0.00905	0.000326	0.00047	0.000187	0.202	0.00000202	0.000551	0.000677	0.00167	0.00104
2064 Mar	0.000297	0.00112	0.118	0.00000972	3.32	4.54	0.0565	0.000674	5.78	0.00262	0.00906	0.000326	0.000471	0.000187	0.202	0.00000202	0.000551	0.000678	0.00168	0.00104
2064 Apr	0.000298	0.00112	0.118	0.00000974	3.33	4.55	0.0567	0.000675	5.79	0.00263	0.00908	0.000327	0.000472	0.000187	0.203	0.00000203	0.000553	0.00068	0.00168	0.00105
2064 May	0.000322	0.00115	0.125	0.00000977	3.4	4.71	0.061	0.000676	5.96	0.00268	0.00918	0.000365	0.000479	0.000192	0.209	0.00000203	0.000558	0.000722	0.00169	0.00106
2064 Jun	0.000356	0.00111	0.134	0.00000928	3.13	4.57	0.0663	0.000584	5.86	0.00248	0.00895	0.000437	0.000438	0.00018	0.2	0.00000192	0.000483	0.000782	0.00164	0.000924
2064 Jul	0.000359	0.00114	0.136	0.00000962	3.25	4.7	0.0671	0.000608	5.97	0.00257	0.0092	0.000437	0.000456	0.000186	0.206	0.00000199	0.000506	0.000792	0.00169	0.000974
2064 Aug	0.000357	0.00117	0.135	0.00000981	3.36	4.81	0.067	0.000637	6.04	0.00266	0.00929	0.00043	0.000471	0.000192	0.211	0.00000203	0.000532	0.000783	0.00171	0.00104
2064 Sep	0.00034	0.00117	0.129	0.00000973	3.5	4.89	0.0647	0.000688	5.97	0.00274	0.00907	0.000395	0.000486	0.000199	0.217	0.00000202	0.000574	0.00074	0.00165	0.00114
2064 Oct	0.000339	0.00119	0.127	0.00000977	3.69	5.09	0.0652	0.000737	6.04	0.00288	0.00904	0.000385	0.000514	0.00021	0.227	0.00000203	0.000623	0.000735	0.00165	0.00126
2064 Nov	0.00034	0.0012	0.127	0.00000981	3.76	5.16	0.0658	0.000751	6.07	0.00292	0.00904	0.000385	0.000525	0.000214	0.23	0.00000204	0.000638	0.000738	0.00166	0.00129
2064 Dec	0.00034	0.00121	0.127	0.00000981	3.77	5.18	0.0658	0.000753	6.08	0.00293	0.00904	0.000385	0.000526	0.000215	0.231	0.00000204	0.00064	0.000739	0.00166	0.0013
2065 Jan	0.00034	0.00121	0.127	0.00000981	3.78	5.18	0.0659	0.000755	6.08	0.00294	0.00903	0.000385	0.000527	0.000215	0.231	0.00000204	0.000642	0.000739	0.00166	0.0013
2065 Feb	0.000341	0.00121	0.127	0.00000981	3.78	5.18	0.0659	0.000755	6.08	0.00294	0.00903	0.000385	0.000527	0.000215	0.231	0.00000204	0.000643	0.000739	0.00166	0.0013
2065 Mar	0.000341	0.00121	0.127	0.00000983	3.79	5.19	0.066	0.000756	6.09	0.00294	0.00905	0.000385	0.000528	0.000215	0.232	0.00000205	0.000643	0.00074	0.00166	0.0013
2065 Apr	0.000342	0.00121	0.127	0.00000986	3.8	5.21	0.0662	0.000759	6.11	0.00295	0.00908	0.000386	0.00053	0.000216	0.233	0.00000206	0.000646	0.000743	0.00167	0.00131
2065 May	0.000362	0.00124	0.133	0.00000996	3.9	5.39	0.07	0.000771	6.28	0.00303	0.0092	0.000416	0.000544	0.000223	0.24	0.00000207	0.000661	0.00078	0.00169	0.00135
2065 Jun	0.000365	0.00116	0.135	0.00000954	3.41	4.88	0.0688	0.000642	5.93	0.00268	0.00902	0.000442	0.000476	0.000195	0.215	0.00000197	0.000543	0.000793	0.00166	0.00109
2065 Jul	0.000373	0.0012	0.139	0.00001	3.57	5.08	0.0707	0.000673	6.13	0.0028	0.00941	0.000449	0.000502	0.000204	0.224	0.00000207	0.000572	0.00082	0.00175	0.00116
2065 Aug	0.000385	0.00126	0.143	0.0000104	3.8	5.36	0.0733	0.000723	6.37	0.00298	0.00973	0.000458	0.000534	0.000217	0.237	0.00000216	0.000618	0.000842	0.00181	0.00126
2065 Sep	0.000363	0.00125	0.135	0.0000102	3.82	5.31	0.0696	0.000754	6.2	0.00298	0.00948	0.000419	0.000533	0.000218	0.236	0.00000212	0.000637	0.00079	0.00174	0.00132
2065 Oct	0.000327	0.00121	0.123	0.00000982	3.71	5.08	0.0627	0.000774	5.85	0.00288	0.00915	0.000356	0.000509	0.00021	0.227	0.00000204	0.000633	0.000703	0.00161	0.00132
2065 Nov	0.000322	0.00121	0.122	0.0000098	3.72	5.07	0.0618	0.000783	5.83	0.00288	0.00914	0.000347	0.000509	0.00021	0.227	0.00000203	0.000638	0.000692	0.00159	0.00134
2065 Dec	0.000323	0.00121	0.122	0.0000098	3.73	5.08	0.0619	0.000784	5.83	0.00289	0.00914	0.000347	0.00051	0.00021	0.227	0.00000203	0.00064	0.000692	0.00159	0.00134
2066 Jan	0.000323	0.00121	0.122	0.00000981	3.74	5.09	0.0619	0.000786	5.83	0.0029	0.00913	0.000347	0.000511	0.000211	0.228	0.00000203	0.000642	0.000692	0.00159	0.00135
2066 Feb	0.000323	0.00121	0.122	0.00000981	3.74	5.1	0.062	0.000787	5.83	0.0029	0.00914	0.000347	0.000512	0.000211	0.228	0.00000203	0.000643	0.000693	0.00159	0.00135
2066 Mar	0.000323	0.00121	0.122	0.00000983	3.75	5.11	0.0621	0.000788	5.85	0.0029	0.00916	0.000347	0.000513	0.000211	0.228	0.00000204	0.000644	0.000694	0.0016	0.00135
2066 Apr	0.000324	0.00121	0.122	0.00000985	3.76	5.12	0.0622	0.00079	5.86	0.00291	0.00918	0.000348	0.000514	0.000212	0.229	0.00000204	0.000646	0.000696	0.0016	0.00135
2066 May	0.00033	0.00123	0.124	0.00000995	3.79	5.17	0.0632	0.000795	5.93	0.00293	0.00929	0.000356	0.000517	0.000213	0.231	0.00000206	0.000649	0.000707	0.00162	0.00136
2066 Jun	0.000304	0.00108	0.12	0.0000095	3.09	4.33	0.0569	0.000616	5.27	0.00245	0.00895	0.000346	0.000434	0.000174	0.191	0.00000195	0.000495	0.000689	0.00163	0.00101
2066 Jul	0.000306	0.00112	0.123	0.00000999	3.22	4.47	0.0575	0.000641	5.38	0.00256	0.00932	0.000344	0.000459	0.000181	0.198	0.00000205	0.000521	0.000705	0.00173	0.00108
2066 Aug	0.000316	0.00117	0.126	0.0000104	3.44	4.73	0.0598	0.000688	5.6	0.00272	0.00964	0.000352	0.00049	0.000194	0.21	0.00000214	0.000565	0.000726	0.00179	0.00118
2066 Sep	0.000313	0.00119	0.124	0.0000104	3.54	4.83	0.0595	0.000721	5.62	0.00279	0.00962	0.00034	0.000503	0.000199	0.215	0.00000215	0.000592	0.000714	0.00178	0.00125
2066 Oct	0.000301	0.00119	0.12	0.0000103	3.61	4.87	0.0578	0.000754	5.53	0.00283	0.00945	0.000317	0.000509	0.000203	0.218	0.00000212	0.000617	0.000684	0.00172	0.00132
2066 Nov	0.000299	0.00119	0.119	0.0000103	3.64	4.89	0.0576	0.000764	5.52	0.00285	0.00942	0.000312	0.000513	0.000204	0.219	0.00000212	0.000625	0.000678	0.00171	0.00134
2066 Dec	0.0003	0.00119	0.119	0.0000103	3.65	4.91	0.0577	0.000766	5.53	0.00286	0.00942	0.000312	0.000515	0.000205	0.22	0.00000212	0.000628	0.000679	0.00171	0.00135
2067 Jan	0.0003	0.00119	0.119	0.0000103	3.66	4.91	0.0577	0.000768	5.53	0.00286	0.00942	0.000312	0.000516	0.000205	0.22	0.00000212	0.000629	0.000679	0.00171	0.00135
2067 Feb	0.0003	0.00119	0.119	0.0000103	3.66	4.91	0.0578	0.000768	5.53	0.00286	0.00942	0.000312	0.000516	0.000205	0.22	0.00000212	0.00063	0.000679	0.00171	0.00135
2067 Mar	0.0003	0.0012	0.119	0.0000103	3.66	4.92	0.0578	0.000769	5.54	0.00287	0.00943	0.000313	0.000516	0.000205	0.221	0.00000212	0.00063	0.00068	0.00171	0.00136
2067 Apr	0.000301	0.0012	0.119	0.0000103	3.67	4.93	0.0579	0.00077	5.55	0.00287	0.00945	0.000313	0.000517	0.000206	0.221	0.00000212	0.000632	0.000681	0.00172	0.00136
2067 May	0.00032	0.00121	0.126	0.0000104	3.65	4.98	0.061	0.000755	5.71	0.00286	0.00965	0.000346	0.000512	0.000205	0.222	0.00000214	0.000616	0.000718	0.00174	0.00132
2067 Jun	0.000342	0.00116	0.133	0.00001	3.26	4.65	0.0635	0.00064	5.62	0.00258	0.00953	0.0004	0.000454	0.000184	0.204	0.00000205	0.000513	0.000759	0.00171	0.00108
2067 Jul	0.000354	0.00122	0.138	0.0000106	3.47	4.91	0.066	0.000683	5.85	0.00275	0.00996	0.000411	0.000486	0.000196	0.216	0.00000216	0.000553	0.000789	0.00181	0.00117
2067 Aug	0.000353	0.00125	0.138	0.0000108	3.62	5.06	0.0664	0.000717	5.93	0.00286	0.0101	0.000405	0.000506	0.000205	0.224	0.00000221	0.000587	0.000783	0.00182	0.00126
2067 Sep	0.000349	0.00126	0.136	0.0000108	3.71	5.14	0.0659	0.000746	5.93	0.00292	0.0101	0.000393	0.000517	0.000209	0.228	0.00000222	0.00061	0.00077	0.00181	0.00133
2067 Oct	0.000331	0.00124	0.129	0.0000106	3.68	5.05	0.0626	0.000761	5.75	0.00288	0.00981	0.000361	0.000508	0.000207	0.225	0.00000217	0.000615	0.000725	0.00174	0.00135
2067 Nov	0.000327	0.00124	0.128	0.0000105	3.69	5.06	0.0619	0.000771	5.72	0.00289	0.00977	0.000353	0.000509	0.000208	0.225	0.00000216	0.000621	0.000715	0.00172	0.00137

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 Dec	0.000327	0.00124	0.128	0.0000106	3.71	5.07	0.062	0.000774	5.73	0.0029	0.00977	0.000353	0.000511	0.000208	0.226	0.00000216	0.000625	0.000716	0.00172	0.00138
2068 Jan	0.000327	0.00124	0.128	0.0000106	3.72	5.08	0.0621	0.000775	5.73	0.00291	0.00977	0.000353	0.000513	0.000209	0.227	0.00000216	0.000627	0.000716	0.00172	0.00138
2068 Feb	0.000327	0.00124	0.128	0.0000106	3.72	5.08	0.0621	0.000776	5.73	0.00291	0.00977	0.000353	0.000513	0.000209	0.227	0.00000216	0.000627	0.000716	0.00172	0.00138
2068 Mar	0.000328	0.00124	0.128	0.0000106	3.72	5.09	0.0622	0.000777	5.74	0.00291	0.00979	0.000354	0.000514	0.000209	0.227	0.00000217	0.000628	0.000717	0.00172	0.00139
2068 Apr	0.00033	0.00125	0.129	0.0000106	3.75	5.13	0.0627	0.000783	5.78	0.00293	0.00986	0.000356	0.000517	0.000211	0.229	0.00000218	0.000632	0.000722	0.00174	0.00139
2068 May	0.000348	0.00127	0.135	0.0000107	3.73	5.17	0.0656	0.000766	5.91	0.00292	0.00999	0.000387	0.000512	0.00021	0.229	0.00000219	0.000617	0.000756	0.00175	0.00136
2068 Jun	0.000351	0.00112	0.135	0.00000965	3.06	4.48	0.0645	0.000584	5.44	0.00244	0.00927	0.000426	0.000422	0.000174	0.195	0.00000197	0.000465	0.000767	0.00165	0.00101
2068 Jul	0.000347	0.00115	0.134	0.00000997	3.19	4.6	0.0643	0.000611	5.46	0.00254	0.00943	0.000415	0.000445	0.000181	0.201	0.00000203	0.000495	0.000767	0.0017	0.00109
2068 Aug	0.000361	0.00121	0.14	0.0000105	3.41	4.87	0.0672	0.000657	5.71	0.0027	0.00984	0.000429	0.000475	0.000194	0.214	0.00000213	0.000536	0.000796	0.00178	0.00119
2068 Sep	0.000353	0.00121	0.137	0.0000105	3.46	4.9	0.0659	0.000682	5.68	0.00273	0.00981	0.000411	0.000479	0.000196	0.216	0.00000213	0.000552	0.000774	0.00176	0.00124
2068 Oct	0.000349	0.00122	0.135	0.0000105	3.53	4.96	0.0654	0.000705	5.67	0.00278	0.00979	0.000401	0.000488	0.000199	0.219	0.00000214	0.00057	0.000764	0.00174	0.00129
2068 Nov	0.00035	0.00123	0.135	0.0000105	3.55	4.99	0.0656	0.000711	5.69	0.0028	0.00981	0.000401	0.000492	0.000201	0.221	0.00000214	0.000576	0.000766	0.00175	0.0013
2068 Dec	0.00035	0.00123	0.135	0.0000105	3.56	5	0.0657	0.000712	5.69	0.0028	0.00982	0.000401	0.000492	0.000201	0.221	0.00000214	0.000577	0.000766	0.00175	0.00131
2069 Jan	0.00035	0.00123	0.135	0.0000105	3.57	5	0.0657	0.000713	5.69	0.00281	0.00981	0.000401	0.000493	0.000202	0.221	0.00000214	0.000579	0.000766	0.00175	0.00131
2069 Feb	0.00035	0.00123	0.135	0.0000105	3.57	5.01	0.0658	0.000714	5.69	0.00281	0.00981	0.000401	0.000494	0.000202	0.221	0.00000214	0.00058	0.000767	0.00175	0.00131
2069 Mar	0.00035	0.00123	0.135	0.0000105	3.57	5.01	0.0658	0.000714	5.69	0.00281	0.00981	0.000401	0.000494	0.000202	0.221	0.00000214	0.00058	0.000767	0.00175	0.00131
2069 Apr	0.000351	0.00123	0.136	0.0000105	3.57	5.02	0.0659	0.000715	5.7	0.00281	0.00983	0.000402	0.000495	0.000202	0.222	0.00000215	0.000581	0.000768	0.00175	0.00132
2069 May	0.000358	0.00125	0.138	0.0000107	3.63	5.1	0.0672	0.000726	5.8	0.00286	0.01	0.000411	0.000503	0.000205	0.225	0.00000218	0.00059	0.000783	0.00178	0.00134
2069 Jun	0.000323	0.00112	0.13	0.0000102	3.08	4.38	0.0596	0.000593	5.22	0.00247	0.00959	0.000378	0.00044	0.000174	0.192	0.00000208	0.000476	0.000742	0.00178	0.00106
2069 Jul	0.00032	0.00114	0.131	0.0000106	3.15	4.44	0.0595	0.000606	5.24	0.00253	0.00981	0.000371	0.000456	0.000177	0.195	0.00000215	0.000491	0.00075	0.00185	0.0011
2069 Aug	0.000324	0.00117	0.132	0.0000109	3.29	4.6	0.0604	0.00064	5.35	0.00264	0.00999	0.000371	0.000475	0.000186	0.203	0.0000022	0.000521	0.000753	0.00188	0.00118
2069 Sep	0.000307	0.00115	0.126	0.0000106	3.23	4.48	0.0572	0.00065	5.19	0.00258	0.00976	0.000342	0.00046	0.000181	0.198	0.00000215	0.000518	0.000708	0.0018	0.00118
2069 Oct	0.000282	0.00111	0.118	0.0000102	3.07	4.24	0.0519	0.00065	4.95	0.00245	0.00952	0.0003	0.000426	0.00017	0.188	0.00000207	0.000494	0.000641	0.00167	0.00113
2069 Nov	0.000279	0.00111	0.117	0.0000102	3.06	4.22	0.0511	0.000654	4.94	0.00244	0.00953	0.000293	0.000422	0.000169	0.187	0.00000207	0.000493	0.000632	0.00166	0.00113
2069 Dec	0.000279	0.00111	0.117	0.0000102	3.06	4.22	0.0512	0.000656	4.94	0.00244	0.00953	0.000293	0.000423	0.00017	0.187	0.00000207	0.000495	0.000632	0.00166	0.00113
2070 Jan	0.000279	0.00111	0.117	0.0000102	3.07	4.23	0.0512	0.000656	4.94	0.00244	0.00953	0.000293	0.000423	0.00017	0.187	0.00000207	0.000495	0.000632	0.00166	0.00114
2070 Feb	0.000279	0.00111	0.117	0.0000102	3.07	4.23	0.0512	0.000656	4.94	0.00244	0.00953	0.000293	0.000423	0.00017	0.187	0.00000207	0.000495	0.000632	0.00166	0.00114
2070 Mar	0.000279	0.00111	0.117	0.0000102	3.07	4.23	0.0512	0.000657	4.94	0.00244	0.00953	0.000293	0.000423	0.00017	0.187	0.00000207	0.000495	0.000632	0.00166	0.00114
2070 Apr	0.00028	0.00112	0.118	0.0000102	3.08	4.24	0.0514	0.000659	4.96	0.00245	0.00957	0.000294	0.000425	0.000171	0.188	0.00000208	0.000497	0.000635	0.00167	0.00114
2070 May	0.000299	0.00113	0.124	0.0000103	3.07	4.31	0.0545	0.000647	5.12	0.00245	0.00974	0.000325	0.000421	0.000171	0.19	0.00000209	0.000485	0.000669	0.00169	0.00111
2070 Jun	0.000334	0.00111	0.134	0.00001	2.81	4.17	0.0597	0.000555	5.23	0.00227	0.00968	0.000397	0.000382	0.000158	0.18	0.00000202	0.000408	0.000735	0.00168	0.00091
2070 Jul	0.00034	0.00115	0.137	0.0000104	2.95	4.33	0.0612	0.000582	5.37	0.00238	0.01	0.000403	0.000404	0.000166	0.188	0.0000021	0.000434	0.000755	0.00175	0.000978
2070 Aug	0.000347	0.00119	0.14	0.0000108	3.1	4.51	0.0627	0.000615	5.51	0.00249	0.0103	0.000407	0.000425	0.000174	0.196	0.00000217	0.000464	0.000766	0.00179	0.00106
2070 Sep	0.000328	0.00117	0.133	0.0000105	3.05	4.39	0.059	0.000627	5.34	0.00244	0.0101	0.000374	0.000411	0.00017	0.192	0.00000212	0.000463	0.000718	0.00172	0.00107
2070 Oct	0.00031	0.00114	0.128	0.0000103	2.95	4.24	0.0553	0.000629	5.17	0.00236	0.00989	0.000343	0.000392	0.000164	0.185	0.00000208	0.000451	0.000674	0.00165	0.00104
2070 Nov	0.000308	0.00114	0.127	0.0000103	2.97	4.25	0.0552	0.000636	5.16	0.00238	0.00988	0.00034	0.000395	0.000165	0.186	0.00000208	0.000457	0.00067	0.00164	0.00106
2070 Dec	0.000308	0.00114	0.127	0.0000103	2.98	4.26	0.0552	0.000637	5.17	0.00238	0.00987	0.00034	0.000396	0.000165	0.187	0.00000208	0.000458	0.00067	0.00164	0.00106
2071 Jan	0.000308	0.00114	0.127	0.0000103	2.98	4.26	0.0552	0.000638	5.17	0.00238	0.00987	0.00034	0.000396	0.000165	0.187	0.00000208	0.000459	0.00067	0.00164	0.00106
2071 Feb	0.000308	0.00114	0.127	0.0000103	2.98	4.26	0.0552	0.000638	5.17	0.00238	0.00987	0.00034	0.000396	0.000165	0.187	0.00000208	0.000459	0.00067	0.00164	0.00106
2071 Mar	0.000308	0.00114	0.127	0.0000103	2.98	4.26	0.0552	0.000638	5.17	0.00238	0.00988	0.00034	0.000396	0.000165	0.187	0.00000208	0.000459	0.000671	0.00164	0.00106
2071 Apr	0.000309	0.00114	0.127	0.0000103	2.99	4.27	0.0553	0.000639	5.17	0.00239	0.00989	0.00034	0.000397	0.000166	0.187	0.00000208	0.000459	0.000672	0.00164	0.00107
2071 May	0.000327	0.00115	0.133	0.0000103	2.95	4.3	0.0583	0.000617	5.3	0.00236	0.00997	0.000373	0.000389	0.000164	0.187	0.00000207	0.000441	0.000705	0.00165	0.00102
2071 Jun	0.000344	0.00108	0.137	0.00000976	2.6	3.98	0.0606	0.000503	5.2	0.00211	0.00964	0.000422	0.000344	0.000146	0.17	0.00000196	0.000352	0.000746	0.00163	0.000785
2071 Jul	0.000342	0.00109	0.138	0.00001	2.63	4.01	0.0603	0.000508	5.21	0.00214	0.00983	0.000418	0.000353	0.000148	0.172	0.00000201	0.000359	0.000751	0.00168	0.000805
2071 Aug	0.000351	0.00113	0.142	0.0000104	2.75	4.17	0.062	0.000535	5.38	0.00224	0.0101	0.000426	0.000369	0.000155	0.179	0.00000209	0.000379	0.000768	0.00174	0.000859
2071 Sep	0.000335	0.00112	0.136	0.0000103	2.75	4.1	0.0591	0.000552	5.25	0.00222	0.00995	0.000397	0.000364	0.000154	0.177	0.00000206	0.000387	0.000728	0.00168	0.00089
2071 Oct	0.000325	0.00111	0.133	0.0000101	2.73	4.05	0.0573	0.000561	5.16	0.00221	0.00984	0.000379	0.000359	0.000152	0.175	0.00000204	0.000389	0.000703	0.00165	0.000901
2071 Nov	0.00032	0.00111	0.131	0.0000101	2.73	4.04	0.0564	0.000568	5.13	0.0022	0.00984	0.00037	0.000357	0.000152	0.175	0.00000203	0.000391	0.000692	0.00163	0.000908
2071 Dec	0.00032	0.00111	0.131	0.0000101	2.73	4.04	0.0564	0.000569	5.13	0.00221	0.00984	0.00037	0.000358	0.000152	0.175	0.00000203	0.000392	0.000691	0.00163	0.000913
2072 Jan	0.00032	0.00111	0.131	0.0000101	2.73	4.04	0.0564	0.000569	5.13	0.00221	0.00984	0.00037	0.000358	0.000152	0.175	0.00000203	0.000392	0.000691	0.00163	0.000913
2072 Feb	0.00032	0.00111	0.131	0.0000101	2.73	4.04	0.0564	0.000569	5.13	0.00221	0.00984	0.00037	0.000358	0.000152	0.175	0.00000203	0.000392	0.000691	0.00163	0.000913
2072 Mar	0.00032	0.00111	0.131	0.0000101	2.73	4.04	0.0564	0.000569	5.13	0.00221	0.00984	0.00037	0.000358	0.000152	0.175	0.00000204	0.000392	0.000692	0.00163	0.000913
2072 Apr	0.000321	0.00111	0.132	0.0000102	2.74	4.06	0.0566	0.000571	5.15	0.00221	0.00987	0.000371	0.000359	0.000152	0.176	0.00000204	0.000393	0.000693	0.00164	0.000916
2072 May	0.000326	0.00113	0.134	0.0000103	2.78	4.12	0.0574	0.000579	5.22	0.00224	0.01	0.000376	0.000364	0.000155	0.178	0.00000207	0.000399	0.000704	0.00166	0.000929
2072 Jun	0.00029	0.00104	0.125	0.0000101	2.47	3.65	0.0508	0.000502	4.77	0.00204	0.00975	0.000334	0.000341	0.000137	0.157	0.00000204	0.000344	0.000668	0.00171	0.000785
2072 Jul	0.000282	0.00104	0.124	0.0000103	2.47	3.6	0.0493	0.000499	4.7	0.00204	0.00981	0.000321	0.000345	0.000136	0.156	0.00000207	0.000346	0.000657	0.00174	0.000796
2072 Aug	0.000268	0.00103	0.119	0.0000103	2.44	3.52	0.0467	0.000511	4.63	0.00202	0.00965	0.000297	0.000333	0.000135	0.153	0.00000206	0.000344	0.000612	0.00169	0.0008
2072 Sep	0.000255	0.00101	0.115	0.0000102	2.4	3.44	0.0442	0.00052	4.54	0.00198	0.0095	0.000274	0.00032	0.000132	0.15	0.00000204	0.00034	0.000573	0.00163	0.000794
2072 Oct	0.000241	0.000993	0.11	0.00000991	2.34	3.33	0.0413	0.000529	4.41	0.00192	0.00935	0.000249	0.000305	0.000127	0.146	0.00000199	0.000335	0.000536	0.00155	0.000788
2072 Nov	0.000239	0.000995	0.109	0.0000099	2.36	3.35	0.0411	0.000537	4.4	0.00194	0.00933	0.000245	0.000307	0.000128	0.147	0.00000198	0.000341	0.000531	0.00154	0.000809
2072 Dec	0.000239	0.000996	0.109	0.0000099	2.37	3.36	0.0412	0.000539	4.4	0.00194	0.00932	0.000245	0.000309	0.000129	0.147	0.00000198	0.000344	0.000531	0.00154	0.000818
2073 Jan	0.000239	0.000996	0.109	0.0000099	2.38	3.37	0.0412	0.00054	4.4	0.00195	0.00932	0.000245	0.000309	0.000129	0.147	0.00000198	0.000345	0.000531	0.00154	0.00082
2073 Feb	0.000239	0.000996	0.109	0.0000099	2.38	3.37	0.0412	0.00054	4.4	0.00195	0.00932	0.000245	0.000309	0.000129	0.147	0.00000198	0.000345	0.000531	0.00154	0.00082
2073 Mar	0.00024	0.000997	0.109	0.0000099	2.38	3.37	0.0412	0.00054	4.4	0.00195	0.00932	0.000245	0.000309	0.000129	0.147	0.00000198	0.000345	0.000532	0.00155	0.00082
2073 Apr	0.000241	0.001	0.11	0.00000997	2.39	3.39	0.0415	0.000543	4.43	0.00196	0.00938	0.000247	0.000311	0.00013	0.148	0.000002	0.000347	0.000535	0.00155	0.000826
2073 May	0.000271	0.00104	0.117	0.00001	2.52	3.63	0.0473	0.00055	4.64	0.00205	0.00945	0.000295	0.000328	0.000139	0.158	0.000002	0.000364	0.000592	0.00157	0.000886
2073 Jun	0.000311	0.00103	0.127	0.00000969	2.48	3.73	0.0546	0.000497	4.81	0.00202	0.00931	0.000371	0.000326	0.000139	0.161	0.00000194	0.000339	0.000675	0.00158	0.000832
2073 Jul	0.000313	0.00105	0.129	0.00000996	2.54	3.8	0.055	0.000508	4.87	0.00207	0.00952	0.000371	0.000336	0.000142	0.164	0.00000199	0.00035	0.000682	0.00162	0.000864

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2073 Aug	0.000318	0.00109	0.131	0.0000103	2.65	3.93	0.056	0.000533	4.98	0.00215	0.00975	0.000374	0.00035	0.000148	0.17	0.00000205	0.00037	0.000689	0.00166	0.000925
2073 Sep	0.000308	0.00108	0.128	0.0000102	2.67	3.92	0.0544	0.000551	4.91	0.00216	0.00964	0.000356	0.000351	0.000149	0.17	0.00000203	0.000381	0.000664	0.00163	0.000966
2073 Oct	0.000293	0.00107	0.122	0.00001	2.65	3.85	0.0515	0.000566	4.77	0.00214	0.00947	0.000328	0.000344	0.000147	0.168	0.00000199	0.000387	0.000626	0.00156	0.000991
2073 Nov	0.000289	0.00107	0.121	0.00000997	2.66	3.85	0.051	0.000573	4.74	0.00214	0.00944	0.000321	0.000345	0.000147	0.168	0.00000198	0.000391	0.000619	0.00155	0.00101
2073 Dec	0.00029	0.00107	0.121	0.00000997	2.67	3.87	0.0511	0.000575	4.74	0.00215	0.00943	0.000321	0.000346	0.000148	0.169	0.00000199	0.000394	0.000619	0.00155	0.00102
2074 Jan	0.00029	0.00107	0.121	0.00000997	2.68	3.87	0.0511	0.000577	4.74	0.00216	0.00943	0.000321	0.000348	0.000148	0.169	0.00000199	0.000396	0.000619	0.00155	0.00102
2074 Feb	0.00029	0.00107	0.121	0.00000998	2.68	3.88	0.0511	0.000578	4.74	0.00216	0.00943	0.000321	0.000348	0.000149	0.169	0.00000199	0.000397	0.000619	0.00155	0.00103
2074 Mar	0.00029	0.00107	0.121	0.00000998	2.69	3.88	0.0511	0.000578	4.74	0.00216	0.00943	0.000321	0.000348	0.000149	0.169	0.00000199	0.000397	0.000619	0.00155	0.00103
2074 Apr	0.000291	0.00108	0.122	0.00001	2.7	3.9	0.0514	0.000581	4.77	0.00217	0.00948	0.000323	0.00035	0.000149	0.17	0.000002	0.000399	0.000623	0.00156	0.00103
2074 May	0.000325	0.00111	0.131	0.00001	2.79	4.12	0.0577	0.000576	5.01	0.00224	0.00957	0.000379	0.000362	0.000156	0.179	0.000002	0.000405	0.000687	0.00158	0.00106
2074 Jun	0.000357	0.00107	0.138	0.00000948	2.63	4.06	0.0633	0.000498	5.05	0.00212	0.00922	0.000446	0.000342	0.000149	0.174	0.00000188	0.000357	0.000752	0.00155	0.000935
2074 Jul	0.000366	0.00111	0.142	0.00000992	2.74	4.21	0.065	0.00052	5.21	0.00221	0.00958	0.000455	0.000361	0.000156	0.181	0.00000197	0.000376	0.000776	0.00163	0.000991
2074 Aug	0.000381	0.00117	0.147	0.0000104	2.94	4.47	0.068	0.00056	5.43	0.00236	0.00999	0.000471	0.000387	0.000167	0.192	0.00000207	0.000411	0.000807	0.0017	0.0011
2074 Sep	0.00036	0.00115	0.14	0.0000103	2.99	4.45	0.0646	0.000593	5.25	0.00238	0.00973	0.000433	0.000391	0.000169	0.193	0.00000203	0.000435	0.000758	0.00164	0.00119
2074 Oct	0.000345	0.00115	0.134	0.0000101	3.06	4.48	0.0624	0.000626	5.11	0.00242	0.00956	0.000404	0.0004	0.000172	0.195	0.00000201	0.000462	0.000725	0.00159	0.00128
2074 Nov	0.000344	0.00116	0.132	0.0000101	3.2	4.62	0.0628	0.000658	5.08	0.00252	0.00945	0.000397	0.000422	0.000181	0.202	0.000002	0.000499	0.000721	0.00158	0.00141
2074 Dec	0.000344	0.00117	0.132	0.0000102	3.23	4.65	0.063	0.000664	5.08	0.00254	0.00943	0.000397	0.000426	0.000182	0.204	0.000002	0.000506	0.000722	0.00158	0.00143
2075 Jan	0.000344	0.00117	0.132	0.0000102	3.23	4.65	0.063	0.000665	5.08	0.00254	0.00943	0.000396	0.000427	0.000182	0.204	0.000002	0.000507	0.000722	0.00158	0.00144
2075 Feb	0.000344	0.00117	0.132	0.0000102	3.24	4.65	0.063	0.000665	5.08	0.00255	0.00943	0.000396	0.000427	0.000183	0.204	0.000002	0.000507	0.000722	0.00158	0.00144
2075 Mar	0.000344	0.00117	0.132	0.0000102	3.24	4.66	0.0631	0.000666	5.08	0.00255	0.00943	0.000397	0.000428	0.000183	0.204	0.00000201	0.000508	0.000722	0.00158	0.00144
2075 Apr	0.000345	0.00117	0.133	0.0000102	3.26	4.68	0.0634	0.000669	5.1	0.00256	0.00948	0.000399	0.00043	0.000184	0.205	0.00000201	0.000511	0.000726	0.00159	0.00145
2075 May	0.000354	0.0012	0.134	0.0000103	3.39	4.85	0.0655	0.000693	5.17	0.00266	0.00952	0.000409	0.00045	0.000192	0.213	0.00000203	0.000538	0.000743	0.00161	0.00155
2075 Jun	0.000293	0.00104	0.119	0.00000987	2.8	3.99	0.0536	0.000558	4.47	0.00225	0.00904	0.000336	0.000394	0.000157	0.175	0.00000195	0.00043	0.00067	0.00164	0.00121
2075 Jul	0.000275	0.00101	0.116	0.00000996	2.66	3.77	0.0502	0.000524	4.31	0.00216	0.00908	0.000314	0.000384	0.000149	0.165	0.00000197	0.000403	0.000653	0.00169	0.00113
2075 Aug	0.000278	0.00103	0.118	0.0000102	2.74	3.86	0.0507	0.000544	4.38	0.00223	0.00924	0.000314	0.000393	0.000153	0.17	0.00000202	0.000419	0.000654	0.00171	0.00118
2075 Sep	0.000278	0.00105	0.118	0.0000103	2.81	3.94	0.051	0.000565	4.41	0.00228	0.00931	0.00031	0.000402	0.000157	0.173	0.00000204	0.000435	0.000653	0.00172	0.00124
2075 Oct	0.000273	0.00105	0.116	0.0000103	2.82	3.93	0.05	0.000577	4.38	0.00228	0.00927	0.0003	0.0004	0.000157	0.173	0.00000202	0.00044	0.000638	0.00169	0.00126
2075 Nov	0.000273	0.00105	0.116	0.0000103	2.85	3.96	0.05	0.000585	4.38	0.0023	0.00927	0.000298	0.000404	0.000159	0.175	0.00000203	0.000447	0.000637	0.00169	0.00128
2075 Dec	0.000273	0.00106	0.116	0.0000103	2.86	3.97	0.0501	0.000587	4.38	0.00231	0.00927	0.000298	0.000405	0.000159	0.175	0.00000203	0.000449	0.000637	0.00169	0.00129
2076 Jan	0.000273	0.00106	0.116	0.0000103	2.86	3.98	0.0501	0.000587	4.38	0.00231	0.00927	0.000298	0.000406	0.000159	0.176	0.00000203	0.00045	0.000637	0.00169	0.00129
2076 Feb	0.000273	0.00106	0.116	0.0000103	2.86	3.98	0.0501	0.000587	4.38	0.00231	0.00927	0.000298	0.000406	0.000159	0.176	0.00000203	0.00045	0.000637	0.00169	0.00129
2076 Mar	0.000273	0.00106	0.116	0.0000103	2.87	3.98	0.0502	0.000588	4.39	0.00231	0.00928	0.000298	0.000406	0.00016	0.176	0.00000203	0.00045	0.000638	0.00169	0.00129
2076 Apr	0.000274	0.00106	0.116	0.0000103	2.87	3.99	0.0503	0.000589	4.4	0.00232	0.0093	0.000299	0.000407	0.00016	0.176	0.00000203	0.000452	0.000639	0.00169	0.0013
2076 May	0.000294	0.00108	0.123	0.0000104	2.87	4.06	0.0536	0.000577	4.59	0.00232	0.00949	0.000332	0.000403	0.00016	0.178	0.00000205	0.000439	0.000676	0.00172	0.00125
2076 Jun	0.000327	0.00103	0.132	0.00000984	2.52	3.82	0.0581	0.000466	4.73	0.00206	0.00934	0.000404	0.00035	0.000142	0.164	0.00000195	0.000342	0.000735	0.00167	0.000937
2076 Jul	0.000327	0.00105	0.133	0.0000101	2.55	3.85	0.0581	0.000472	4.77	0.0021	0.00953	0.000403	0.000357	0.000144	0.165	0.000002	0.000348	0.000742	0.00172	0.000954
2076 Aug	0.000336	0.00109	0.137	0.0000105	2.68	4.02	0.06	0.000501	4.93	0.0022	0.00987	0.000411	0.000374	0.000151	0.173	0.00000208	0.000371	0.000761	0.00178	0.00103
2076 Sep	0.000336	0.00111	0.137	0.0000106	2.76	4.1	0.06	0.000525	4.95	0.00225	0.00991	0.000406	0.000384	0.000156	0.177	0.00000209	0.00039	0.000757	0.00178	0.00109
2076 Oct	0.000321	0.00109	0.132	0.0000104	2.74	4.03	0.0573	0.000538	4.82	0.00222	0.00974	0.000379	0.000376	0.000153	0.175	0.00000205	0.000393	0.000719	0.00172	0.00111
2076 Nov	0.000318	0.00109	0.13	0.0000104	2.76	4.04	0.0569	0.000547	4.79	0.00224	0.00969	0.000373	0.000379	0.000155	0.176	0.00000205	0.000401	0.000712	0.00171	0.00114
2076 Dec	0.000318	0.00109	0.13	0.0000104	2.77	4.06	0.0569	0.00055	4.79	0.00225	0.00968	0.000373	0.000381	0.000155	0.176	0.00000205	0.000404	0.000712	0.0017	0.00116
2077 Jan	0.000318	0.00109	0.13	0.0000104	2.78	4.06	0.057	0.00055	4.79	0.00225	0.00968	0.000373	0.000382	0.000156	0.176	0.00000205	0.000405	0.000712	0.0017	0.00116
2077 Feb	0.000318	0.00109	0.13	0.0000104	2.78	4.06	0.057	0.00055	4.79	0.00225	0.00968	0.000373	0.000382	0.000156	0.176	0.00000205	0.000405	0.000712	0.00171	0.00116
2077 Mar	0.000318	0.00109	0.13	0.0000104	2.78	4.06	0.057	0.000551	4.79	0.00225	0.00969	0.000373	0.000382	0.000156	0.176	0.00000205	0.000405	0.000712	0.00171	0.00116
2077 Apr	0.000319	0.0011	0.131	0.0000104	2.79	4.08	0.0572	0.000552	4.8	0.00226	0.00972	0.000375	0.000383	0.000156	0.177	0.00000205	0.000406	0.000715	0.00171	0.00116
2077 May	0.000334	0.00111	0.135	0.0000105	2.79	4.14	0.0596	0.000544	4.93	0.00226	0.00983	0.000399	0.000381	0.000157	0.179	0.00000206	0.000399	0.000742	0.00172	0.00114
2077 Jun	0.000349	0.00106	0.139	0.00000992	2.53	3.92	0.0617	0.000463	4.91	0.00208	0.00951	0.000439	0.000346	0.000144	0.167	0.00000196	0.000335	0.000771	0.00168	0.000938
2077 Jul	0.000355	0.00109	0.142	0.0000104	2.63	4.04	0.0629	0.00048	5.03	0.00216	0.00987	0.000444	0.000364	0.000149	0.173	0.00000204	0.000351	0.000793	0.00176	0.000991
2077 Aug	0.000366	0.00114	0.147	0.0000108	2.76	4.22	0.065	0.000509	5.21	0.00226	0.0102	0.000455	0.000381	0.000157	0.181	0.00000213	0.000373	0.000815	0.00183	0.00106
2077 Sep	0.000337	0.0011	0.137	0.0000105	2.68	4.03	0.0597	0.00052	4.97	0.00218	0.00988	0.000408	0.000361	0.000151	0.173	0.00000206	0.000369	0.000744	0.00172	0.00106
2077 Oct	0.000328	0.0011	0.134	0.0000104	2.7	4.02	0.058	0.000538	4.89	0.00219	0.0098	0.000389	0.000361	0.000151	0.174	0.00000204	0.000379	0.00072	0.00168	0.0011
2077 Nov	0.000329	0.0011	0.134	0.0000104	2.73	4.06	0.0582	0.000545	4.9	0.00221	0.00981	0.000389	0.000366	0.000153	0.175	0.00000205	0.000386	0.000721	0.00169	0.00113
2077 Dec	0.000329	0.0011	0.134	0.0000104	2.73	4.06	0.0583	0.000546	4.9	0.00222	0.00981	0.000389	0.000366	0.000153	0.176	0.00000205	0.000387	0.000721	0.00169	0.00114
2078 Jan	0.000329	0.0011	0.134	0.0000104	2.73	4.06	0.0583	0.000546	4.9	0.00222	0.00981	0.000389	0.000367	0.000153	0.176	0.00000205	0.000388	0.000722	0.00169	0.00114
2078 Feb	0.000329	0.0011	0.134	0.0000104	2.73	4.06	0.0583	0.000547	4.9	0.00222	0.00981	0.000389	0.000367	0.000153	0.176	0.00000205	0.000388	0.000722	0.00169	0.00114
2078 Mar	0.000329	0.0011	0.134	0.0000104	2.74	4.07	0.0583	0.000547	4.9	0.00222	0.00981	0.000389	0.000367	0.000153	0.176	0.00000205	0.000388	0.000722	0.00169	0.00114
2078 Apr	0.000331	0.00111	0.134	0.0000105	2.75	4.09	0.0587	0.00055	4.93	0.00223	0.00987	0.000391	0.000369	0.000154	0.177	0.00000206	0.00039	0.000726	0.0017	0.00114
2078 May	0.000367	0.00113	0.144	0.0000104	2.74	4.22	0.0649	0.000522	5.19	0.00222	0.00993	0.000455	0.000363	0.000155	0.18	0.00000204	0.000371	0.00079	0.0017	0.00109
2078 Jun	0.000385	0.00108	0.148	0.00000978	2.51	4.05	0.0677	0.000446	5.2	0.00205	0.00959	0.000499	0.00033	0.000144	0.171	0.00000192	0.000313	0.000822	0.00164	0.000896
2078 Jul	0.000396	0.00112	0.153	0.0000102	2.63	4.2	0.0696	0.000468	5.37	0.00214	0.00997	0.000511	0.000346	0.00015	0.178	0.00000201	0.00033	0.000846	0.00171	0.000952
2078 Aug	0.000394	0.00114	0.153	0.0000105	2.71	4.28	0.0694	0.000489	5.4	0.00221	0.0101	0.000504	0.000356	0.000155	0.182	0.00000205	0.000348	0.000838	0.00172	0.00102
2078 Sep	0.000388	0.00115	0.151	0.0000105	2.8	4.35	0.0687	0.000518	5.37	0.00227	0.0101	0.00049	0.000367	0.00016	0.186	0.00000206	0.000372	0.000823	0.00171	0.00112
2078 Oct	0.000378	0.00115	0.147	0.0000105	2.86	4.38	0.0672	0.000542	5.26	0.0023	0.0099	0.00047	0.000375	0.000162	0.188	0.00000204	0.000394	0.000799	0.00168	0.00121
2078 Nov	0.000376	0.00115	0.146	0.0000105	2.88	4.39	0.067	0.000549	5.24	0.00232	0.00988	0.000466	0.000378	0.000164	0.189	0.00000204	0.0004	0.000795	0.00167	0.00123
2078 Dec	0.000376	0.00115	0.146	0.0000105	2.88	4.4	0.067	0.00055	5.24	0.00232	0.00988	0.000465	0.000379	0.000164	0.189	0.00000204	0.000402	0.000795	0.00167	0.00124
2079 Jan	0.000376	0.00115	0.146	0.0000105	2.89	4.41	0.067	0.000552	5.24	0.00232	0.00987	0.000465	0.00038	0.000164	0.189	0.00000204	0.000403	0.000795	0.00167	0.00124
2079 Feb	0.000376	0.00115	0.146	0.0000105	2.89	4.41	0.067	0.000552	5.24	0.00232	0.00987	0.000465	0.00038	0.000164	0.189	0.00000204	0.000404	0.000795	0.00167	0.00125
2079 Mar	0.000376	0.00115	0.146	0.0000105	2.89	4.41	0.0671	0.000552	5.24	0.00233	0.00988	0.000465	0.00038	0.000164	0.19	0.00000204	0.000404	0.000795	0.00167	0.00125

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2079 Apr	0.000377	0.00116	0.146	0.0000105	2.9	4.43	0.0673	0.000554	5.26	0.00233	0.00991	0.000467	0.000382	0.000165	0.19	0.00000205	0.000405	0.000798	0.00168	0.00125
2079 May	0.000384	0.00117	0.149	0.0000106	2.94	4.49	0.0685	0.00056	5.34	0.00236	0.0101	0.000476	0.000386	0.000167	0.193	0.00000208	0.000409	0.000812	0.0017	0.00126
2079 Jun	0.00034	0.00104	0.137	0.00000997	2.46	3.81	0.06	0.000445	4.78	0.00203	0.00946	0.000428	0.000339	0.00014	0.162	0.00000195	0.000321	0.000758	0.00169	0.000962
2079 Jul	0.000326	0.00102	0.134	0.0000101	2.42	3.71	0.0575	0.000437	4.66	0.00201	0.00948	0.000407	0.00034	0.000137	0.158	0.00000198	0.000318	0.000741	0.00172	0.000957
2079 Aug	0.000332	0.00106	0.137	0.0000105	2.54	3.85	0.0588	0.000463	4.78	0.0021	0.00975	0.000412	0.000355	0.000143	0.165	0.00000205	0.000339	0.000752	0.00176	0.00103
2079 Sep	0.00032	0.00106	0.132	0.0000104	2.55	3.82	0.0565	0.000484	4.69	0.0021	0.00965	0.000388	0.000352	0.000143	0.164	0.00000203	0.000348	0.000719	0.00172	0.00108
2079 Oct	0.000309	0.00105	0.129	0.0000103	2.55	3.79	0.0546	0.000499	4.61	0.00209	0.00955	0.000368	0.000348	0.000143	0.164	0.000002	0.000355	0.000692	0.00167	0.00111
2079 Nov	0.000305	0.00105	0.127	0.0000102	2.54	3.77	0.0538	0.000505	4.58	0.00208	0.00953	0.00036	0.000346	0.000142	0.163	0.00000199	0.000356	0.000681	0.00166	0.00112
2079 Dec	0.000302	0.00105	0.126	0.0000102	2.54	3.76	0.0533	0.000509	4.56	0.00208	0.00951	0.000355	0.000344	0.000142	0.163	0.00000199	0.000357	0.000674	0.00164	0.00112
2080 Jan	0.000302	0.00105	0.126	0.0000102	2.54	3.76	0.0533	0.000509	4.56	0.00208	0.00951	0.000355	0.000345	0.000142	0.163	0.00000199	0.000358	0.000674	0.00164	0.00112
2080 Feb	0.000302	0.00105	0.126	0.0000102	2.54	3.76	0.0533	0.000509	4.56	0.00208	0.00951	0.000355	0.000345	0.000142	0.163	0.00000199	0.000358	0.000674	0.00165	0.00112
2080 Mar	0.000302	0.00105	0.126	0.0000102	2.54	3.76	0.0533	0.000509	4.56	0.00208	0.00951	0.000355	0.000345	0.000142	0.163	0.00000199	0.000358	0.000674	0.00165	0.00112
2080 Apr	0.000303	0.00105	0.127	0.0000102	2.55	3.77	0.0534	0.00051	4.57	0.00208	0.00954	0.000355	0.000346	0.000142	0.163	0.00000199	0.000359	0.000676	0.00165	0.00113
2080 May	0.000308	0.00106	0.129	0.0000104	2.59	3.83	0.0543	0.000518	4.64	0.00211	0.00968	0.000361	0.000351	0.000144	0.166	0.00000202	0.000364	0.000686	0.00167	0.00114
2080 Jun	0.000272	0.000975	0.119	0.0000101	2.29	3.37	0.0476	0.000446	4.24	0.00191	0.00938	0.000317	0.000327	0.000127	0.145	0.00000198	0.000312	0.000647	0.0017	0.000959
2080 Jul	0.000255	0.000949	0.116	0.0000101	2.19	3.2	0.0445	0.000422	4.08	0.00185	0.00934	0.000295	0.00032	0.000121	0.138	0.00000199	0.000295	0.000625	0.00173	0.000903
2080 Aug	0.000255	0.00097	0.117	0.0000104	2.24	3.26	0.0445	0.000437	4.14	0.00189	0.00948	0.000293	0.000325	0.000124	0.141	0.00000203	0.000305	0.000619	0.00174	0.000944
2080 Sep	0.000247	0.000966	0.114	0.0000103	2.25	3.24	0.0431	0.000453	4.1	0.00189	0.00939	0.000277	0.00032	0.000124	0.14	0.00000202	0.00031	0.000593	0.0017	0.000969
2080 Oct	0.000242	0.000967	0.112	0.0000102	2.28	3.25	0.0421	0.000472	4.05	0.0019	0.00932	0.000264	0.00032	0.000125	0.142	0.000002	0.000321	0.000575	0.00166	0.00102
2080 Nov	0.000238	0.000967	0.11	0.0000102	2.29	3.25	0.0413	0.000483	4.02	0.0019	0.00928	0.000256	0.000318	0.000125	0.142	0.00000198	0.000326	0.000563	0.00164	0.00104
2080 Dec	0.000238	0.000968	0.11	0.0000102	2.3	3.26	0.0413	0.000486	4.02	0.00191	0.00927	0.000255	0.00032	0.000125	0.142	0.00000198	0.000329	0.000562	0.00163	0.00105
2081 Jan	0.000238	0.000968	0.11	0.0000102	2.3	3.26	0.0413	0.000486	4.02	0.00191	0.00927	0.000255	0.00032	0.000126	0.142	0.00000198	0.000329	0.000562	0.00163	0.00106
2081 Feb	0.000238	0.000968	0.11	0.0000102	2.3	3.26	0.0413	0.000486	4.02	0.00191	0.00927	0.000255	0.00032	0.000126	0.142	0.00000198	0.000329	0.000562	0.00163	0.00106
2081 Mar	0.000238	0.000968	0.11	0.0000102	2.3	3.26	0.0414	0.000486	4.02	0.00191	0.00928	0.000255	0.00032	0.000126	0.142	0.00000198	0.000329	0.000562	0.00164	0.00106
2081 Apr	0.000239	0.000972	0.11	0.0000102	2.31	3.27	0.0415	0.000488	4.04	0.00192	0.00931	0.000256	0.000321	0.000126	0.143	0.00000199	0.00033	0.000565	0.00164	0.00106
2081 May	0.000276	0.001	0.122	0.0000103	2.3	3.41	0.0479	0.000465	4.37	0.00192	0.00954	0.000319	0.000315	0.000127	0.147	0.000002	0.00031	0.000633	0.00166	0.000974
2081 Jun	0.000307	0.000994	0.13	0.00000994	2.2	3.42	0.053	0.000416	4.56	0.00184	0.00948	0.000378	0.000298	0.000123	0.145	0.00000195	0.000273	0.000689	0.00165	0.000834
2081 Jul	0.000321	0.00104	0.136	0.0000105	2.32	3.6	0.0553	0.000439	4.76	0.00194	0.00995	0.000393	0.000315	0.00013	0.153	0.00000205	0.00029	0.000721	0.00174	0.00089
2081 Aug	0.000335	0.0011	0.141	0.000011	2.46	3.79	0.0579	0.000468	4.98	0.00206	0.0104	0.000409	0.000334	0.000138	0.162	0.00000215	0.000311	0.000752	0.00182	0.000969
2081 Sep	0.000326	0.0011	0.138	0.000011	2.5	3.8	0.0565	0.000488	4.92	0.00207	0.0103	0.000391	0.000336	0.000139	0.163	0.00000214	0.000324	0.000728	0.00179	0.00103
2081 Oct	0.000321	0.0011	0.136	0.0000109	2.54	3.83	0.0558	0.000506	4.87	0.0021	0.0102	0.000381	0.000341	0.000142	0.165	0.00000213	0.000339	0.000715	0.00176	0.0011
2081 Nov	0.000314	0.00109	0.133	0.0000108	2.55	3.81	0.0546	0.000514	4.79	0.0021	0.0101	0.000368	0.00034	0.000142	0.164	0.00000211	0.000345	0.000698	0.00173	0.00113
2081 Dec	0.000314	0.00109	0.133	0.0000108	2.55	3.82	0.0546	0.000516	4.79	0.0021	0.0101	0.000367	0.000341	0.000142	0.164	0.0000021	0.000346	0.000696	0.00173	0.00113
2082 Jan	0.000314	0.00109	0.133	0.0000108	2.55	3.82	0.0546	0.000516	4.79	0.0021	0.0101	0.000367	0.000341	0.000142	0.164	0.0000021	0.000346	0.000696	0.00173	0.00114
2082 Feb	0.000314	0.00109	0.133	0.0000108	2.55	3.82	0.0546	0.000516	4.79	0.0021	0.0101	0.000367	0.000341	0.000142	0.164	0.0000021	0.000347	0.000696	0.00173	0.00114
2082 Mar	0.000314	0.00109	0.133	0.0000108	2.55	3.82	0.0546	0.000517	4.79	0.0021	0.0101	0.000368	0.000341	0.000142	0.164	0.00000211	0.000347	0.000697	0.00173	0.00114
2082 Apr	0.000315	0.00109	0.133	0.0000109	2.56	3.83	0.0548	0.000518	4.8	0.00211	0.0101	0.000369	0.000342	0.000142	0.165	0.00000211	0.000348	0.000699	0.00173	0.00114
2082 May	0.000319	0.00111	0.135	0.000011	2.6	3.88	0.0555	0.000525	4.87	0.00214	0.0103	0.000374	0.000347	0.000144	0.167	0.00000214	0.000352	0.000708	0.00176	0.00115
2082 Jun	0.000261	0.000966	0.117	0.0000103	2.26	3.3	0.0456	0.000443	4.13	0.0019	0.00943	0.000299	0.000327	0.000125	0.142	0.00000201	0.000308	0.000634	0.00174	0.00102
2082 Jul	0.000234	0.000908	0.11	0.0000102	2.08	3	0.0407	0.000399	3.84	0.00178	0.00921	0.000265	0.000314	0.000114	0.13	0.00000198	0.000279	0.0006	0.00175	0.000918
2082 Aug	0.000239	0.00094	0.113	0.0000105	2.16	3.1	0.0417	0.00042	3.96	0.00184	0.00948	0.000269	0.000324	0.000119	0.134	0.00000205	0.000292	0.00061	0.0018	0.000968
2082 Sep	0.000239	0.000951	0.113	0.0000106	2.19	3.13	0.0415	0.000434	3.99	0.00186	0.00956	0.000265	0.000325	0.00012	0.136	0.00000206	0.000298	0.000605	0.0018	0.000995
2082 Oct	0.000227	0.000935	0.108	0.0000103	2.15	3.06	0.0392	0.000445	3.88	0.00182	0.00935	0.000244	0.000312	0.000117	0.133	0.000002	0.000298	0.000568	0.00171	0.001
2082 Nov	0.000227	0.000939	0.108	0.0000103	2.18	3.09	0.0393	0.000452	3.88	0.00184	0.00934	0.000243	0.000316	0.000119	0.135	0.000002	0.000305	0.000567	0.00171	0.00104
2082 Dec	0.000227	0.00094	0.108	0.0000103	2.19	3.1	0.0394	0.000455	3.88	0.00185	0.00933	0.000243	0.000318	0.000119	0.135	0.000002	0.000308	0.000568	0.00171	0.00105
2083 Jan	0.000227	0.00094	0.108	0.0000103	2.2	3.1	0.0394	0.000455	3.88	0.00185	0.00933	0.000243	0.000318	0.00012	0.135	0.000002	0.000308	0.000568	0.00171	0.00105
2083 Feb	0.000227	0.00094	0.108	0.0000103	2.2	3.11	0.0394	0.000455	3.88	0.00185	0.00933	0.000243	0.000319	0.00012	0.135	0.00000201	0.000308	0.000568	0.00171	0.00105
2083 Mar	0.000227	0.000941	0.108	0.0000104	2.2	3.11	0.0395	0.000456	3.88	0.00185	0.00934	0.000243	0.000319	0.00012	0.135	0.00000201	0.000309	0.000568	0.00171	0.00105
2083 Apr	0.000228	0.000945	0.109	0.0000104	2.21	3.12	0.0396	0.000457	3.9	0.00186	0.00938	0.000244	0.00032	0.00012	0.136	0.00000201	0.00031	0.00057	0.00172	0.00105
2083 May	0.000259	0.00098	0.117	0.0000104	2.31	3.34	0.0453	0.000463	4.14	0.00193	0.00948	0.000293	0.000331	0.000127	0.145	0.00000202	0.00032	0.000624	0.00172	0.00111
2083 Jun	0.000304	0.000968	0.127	0.00000985	2.22	3.42	0.0531	0.000406	4.38	0.00186	0.0092	0.000377	0.000312	0.000125	0.146	0.00000191	0.000283	0.000699	0.00166	0.000975
2083 Jul	0.000302	0.000984	0.128	0.0000101	2.26	3.45	0.0529	0.000413	4.4	0.00189	0.00938	0.000373	0.00032	0.000127	0.147	0.00000195	0.00029	0.000701	0.0017	0.00101
2083 Aug	0.000296	0.000998	0.127	0.0000103	2.29	3.46	0.0517	0.000425	4.4	0.00191	0.00945	0.000361	0.00032	0.000128	0.148	0.00000199	0.000298	0.000678	0.0017	0.00104
2083 Sep	0.000285	0.000995	0.123	0.0000102	2.31	3.45	0.0498	0.000447	4.33	0.00192	0.00937	0.00034	0.000318	0.000128	0.148	0.00000197	0.000308	0.000649	0.00165	0.0011
2083 Oct	0.000267	0.000977	0.117	0.00000995	2.26	3.34	0.0462	0.000465	4.18	0.00187	0.00919	0.000306	0.000303	0.000124	0.144	0.00000192	0.000309	0.0006	0.00156	0.0011
2083 Nov	0.000262	0.000974	0.115	0.00000989	2.26	3.33	0.0453	0.000473	4.14	0.00186	0.00913	0.000297	0.000302	0.000124	0.144	0.0000019	0.000312	0.000587	0.00154	0.00112
2083 Dec	0.000262	0.000974	0.115	0.0000099	2.27	3.33	0.0453	0.000474	4.14	0.00187	0.00913	0.000297	0.000303	0.000125	0.144	0.0000019	0.000314	0.000587	0.00154	0.00113
2084 Jan	0.000262	0.000974	0.115	0.0000099	2.27	3.33	0.0453	0.000474	4.14	0.00187	0.00913	0.000297	0.000303	0.000125	0.144	0.0000019	0.000314	0.000587	0.00154	0.00113
2084 Feb	0.000262	0.000975	0.115	0.0000099	2.27	3.34	0.0453	0.000474	4.14	0.00187	0.00913	0.000297	0.000303	0.000125	0.144	0.0000019	0.000315	0.000587	0.00154	0.00113
2084 Mar	0.000262	0.000975	0.115	0.00000991	2.27	3.34	0.0454	0.000475	4.14	0.00187	0.00914	0.000297	0.000303	0.000125	0.144	0.0000019	0.000315	0.000588	0.00154	0.00114
2084 Apr	0.000264	0.000981	0.116	0.00000996	2.28	3.36	0.0456	0.000478	4.16	0.00188	0.00919	0.000299	0.000305	0.000125	0.145	0.00000191	0.000317	0.000591	0.00155	0.00114
2084 May	0.000301	0.00101	0.127	0.00001	2.32	3.54	0.052	0.000463	4.48	0.00191	0.00942	0.00036	0.000306	0.000129	0.151	0.00000193	0.000307	0.00066	0.00158	0.0011
2084 Jun	0.000328	0.000985	0.133	0.00000953	2.16	3.47	0.0565	0.000397	4.6	0.00179	0.00918	0.000416	0.000283	0.000122	0.146	0.00000184	0.000259	0.000712	0.00155	0.000895
2084 Jul	0.000331	0.00101	0.136	0.00000986	2.22	3.54	0.0571	0.000408	4.68	0.00185	0.00944	0.000419	0.000293	0.000125	0.149	0.00000191	0.000268	0.000723	0.00161	0.000934
2084 Aug	0.000336	0.00104	0.138	0.0000102	2.3	3.64	0.058	0.000428	4.78	0.00191	0.00966	0.000421	0.000303	0.00013	0.154	0.00000196	0.000283	0.00073	0.00164	0.000998
2084 Sep	0.000326	0.00103	0.134	0.0000101	2.33	3.63	0.0564	0.000446	4.7	0.00192	0.00955	0.000403	0.000305	0.000131	0.154	0.00000195	0.000294	0.000704	0.00161	0.00106
2084 Oct	0.000311	0.00102	0.129	0.00000998	2.32	3.57	0.0535	0.000463	4.57	0.0019	0.0094	0.000375	0.000299	0.000129	0.152	0.00000192	0.0003	0.000667	0.00156	0.0011
2084 Nov	0.000305	0.00102	0.127	0.00000994	2.31	3.55	0.0526	0.000468	4.53	0.0019	0.00936	0.000365	0.000297	0.000128	0.151	0.00000191	0.000302	0.000655	0.00154	0.00111

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Dec	0.000305	0.00102	0.127	0.00000994	2.32	3.55	0.0526	0.00047	4.53	0.0019	0.00936	0.000365	0.000298	0.000129	0.152	0.00000191	0.000304	0.000655	0.00154	0.00111
2085 Jan	0.000305	0.00102	0.127	0.00000994	2.32	3.56	0.0526	0.000471	4.53	0.0019	0.00935	0.000365	0.000298	0.000129	0.152	0.00000191	0.000305	0.000655	0.00154	0.00112
2085 Feb	0.000305	0.00102	0.127	0.00000994	2.32	3.56	0.0526	0.000471	4.53	0.0019	0.00935	0.000365	0.000298	0.000129	0.152	0.00000191	0.000305	0.000655	0.00154	0.00112
2085 Mar	0.000305	0.00102	0.127	0.00000994	2.32	3.56	0.0526	0.000471	4.53	0.0019	0.00936	0.000365	0.000298	0.000129	0.152	0.00000191	0.000305	0.000655	0.00154	0.00112
2085 Apr	0.000306	0.00102	0.127	0.00000998	2.33	3.57	0.0528	0.000472	4.54	0.00191	0.00938	0.000366	0.000299	0.000129	0.153	0.00000191	0.000306	0.000657	0.00154	0.00112
2085 May	0.000334	0.00104	0.135	0.00001	2.36	3.7	0.0576	0.000462	4.77	0.00194	0.00953	0.000411	0.000302	0.000132	0.157	0.00000192	0.0003	0.000708	0.00157	0.0011
2085 Jun	0.000358	0.00105	0.142	0.00000988	2.3	3.73	0.0617	0.000425	4.94	0.0019	0.00957	0.000457	0.000293	0.00013	0.157	0.0000019	0.000274	0.000758	0.00158	0.000981
2085 Jul	0.000367	0.00108	0.147	0.0000103	2.4	3.87	0.0633	0.000445	5.09	0.00198	0.00991	0.000467	0.000307	0.000136	0.163	0.00000198	0.00029	0.000777	0.00164	0.00105
2085 Aug	0.000354	0.00108	0.142	0.0000103	2.42	3.84	0.0612	0.000459	4.99	0.00199	0.00979	0.000444	0.000307	0.000137	0.162	0.00000198	0.0003	0.000743	0.00161	0.00111
2085 Sep	0.000332	0.00106	0.135	0.0000102	2.41	3.75	0.0574	0.000481	4.8	0.00197	0.00952	0.000405	0.000303	0.000136	0.16	0.00000194	0.000311	0.000691	0.00155	0.00118
2085 Oct	0.000316	0.00104	0.129	0.00001	2.41	3.7	0.0546	0.000497	4.65	0.00196	0.00935	0.000377	0.0003	0.000135	0.158	0.00000191	0.000321	0.000656	0.00149	0.00124
2085 Nov	0.000309	0.00104	0.126	0.00000993	2.41	3.67	0.0533	0.000504	4.58	0.00195	0.00927	0.000364	0.000299	0.000134	0.157	0.00000189	0.000324	0.000639	0.00147	0.00126
2085 Dec	0.000309	0.00104	0.126	0.00000993	2.41	3.67	0.0533	0.000505	4.58	0.00195	0.00926	0.000364	0.000299	0.000134	0.158	0.00000189	0.000326	0.000639	0.00147	0.00126
2086 Jan	0.000309	0.00104	0.126	0.00000993	2.41	3.67	0.0533	0.000506	4.58	0.00196	0.00926	0.000364	0.000299	0.000134	0.158	0.00000189	0.000326	0.000639	0.00147	0.00126
2086 Feb	0.000309	0.00104	0.126	0.00000993	2.41	3.67	0.0533	0.000506	4.58	0.00196	0.00926	0.000364	0.000299	0.000134	0.158	0.00000189	0.000326	0.000639	0.00147	0.00126
2086 Mar	0.000309	0.00104	0.126	0.00000994	2.41	3.68	0.0534	0.000506	4.58	0.00196	0.00927	0.000364	0.0003	0.000134	0.158	0.00000189	0.000326	0.00064	0.00147	0.00126
2086 Apr	0.00031	0.00104	0.127	0.00000998	2.42	3.69	0.0536	0.000508	4.6	0.00196	0.00931	0.000366	0.000301	0.000135	0.158	0.0000019	0.000327	0.000642	0.00148	0.00127
2086 May	0.000322	0.00106	0.131	0.0000101	2.46	3.78	0.0557	0.00051	4.72	0.002	0.00946	0.000384	0.000305	0.000137	0.162	0.00000192	0.000329	0.000666	0.0015	0.00128
2086 Jun	0.000329	0.000999	0.133	0.00000966	2.21	3.53	0.0567	0.000421	4.64	0.00183	0.0092	0.000412	0.000284	0.000125	0.149	0.00000185	0.00027	0.000702	0.00153	0.00101
2086 Jul	0.000326	0.00101	0.134	0.00001	2.25	3.55	0.0561	0.000426	4.65	0.00186	0.00944	0.000406	0.000294	0.000126	0.15	0.00000192	0.000277	0.000707	0.0016	0.00105
2086 Aug	0.000324	0.00103	0.134	0.0000102	2.33	3.63	0.0561	0.000449	4.68	0.00193	0.00955	0.000399	0.000304	0.000131	0.154	0.00000196	0.000295	0.000699	0.00161	0.00114
2086 Sep	0.00031	0.00103	0.129	0.0000102	2.35	3.6	0.0537	0.00047	4.58	0.00193	0.00939	0.000373	0.000303	0.000132	0.154	0.00000194	0.000307	0.000663	0.00157	0.00121
2086 Oct	0.000305	0.00103	0.126	0.0000102	2.39	3.63	0.053	0.000486	4.52	0.00196	0.00933	0.000362	0.000308	0.000134	0.156	0.00000193	0.000321	0.00065	0.00155	0.00128
2086 Nov	0.000305	0.00103	0.127	0.0000102	2.41	3.65	0.0531	0.00049	4.53	0.00197	0.00933	0.000362	0.00031	0.000135	0.157	0.00000194	0.000324	0.000651	0.00155	0.0013
2086 Dec	0.000305	0.00103	0.126	0.0000102	2.42	3.65	0.0531	0.000491	4.52	0.00197	0.00933	0.000362	0.000311	0.000135	0.157	0.00000194	0.000326	0.000651	0.00155	0.00131
2087 Jan	0.000305	0.00103	0.126	0.0000102	2.42	3.65	0.0531	0.000491	4.52	0.00197	0.00933	0.000362	0.000311	0.000135	0.157	0.00000194	0.000326	0.000651	0.00155	0.00131
2087 Feb	0.000306	0.00103	0.126	0.0000102	2.42	3.65	0.0531	0.000491	4.53	0.00197	0.00933	0.000362	0.000312	0.000135	0.157	0.00000194	0.000326	0.000651	0.00155	0.00131
2087 Mar	0.000306	0.00103	0.127	0.0000102	2.42	3.66	0.0532	0.000492	4.53	0.00198	0.00934	0.000363	0.000312	0.000135	0.157	0.00000194	0.000326	0.000652	0.00155	0.00131
2087 Apr	0.000306	0.00103	0.127	0.0000102	2.43	3.67	0.0533	0.000493	4.54	0.00198	0.00936	0.000363	0.000313	0.000135	0.157	0.00000194	0.000327	0.000653	0.00155	0.00132
2087 May	0.000322	0.00105	0.132	0.0000103	2.42	3.72	0.0558	0.000482	4.67	0.00198	0.00947	0.000389	0.00031	0.000136	0.159	0.00000195	0.000318	0.000682	0.00157	0.00127
2087 Jun	0.00035	0.00103	0.14	0.00000998	2.29	3.68	0.0603	0.000424	4.86	0.00189	0.00948	0.000444	0.000292	0.000129	0.155	0.00000191	0.000273	0.000741	0.00158	0.00105
2087 Jul	0.00035	0.00106	0.141	0.0000103	2.34	3.74	0.0604	0.000436	4.9	0.00194	0.00968	0.000442	0.000301	0.000133	0.158	0.00000196	0.000284	0.000743	0.00162	0.00111
2087 Aug	0.000357	0.00109	0.144	0.0000106	2.44	3.86	0.0617	0.000456	5.03	0.00201	0.00996	0.000449	0.000313	0.000138	0.163	0.00000203	0.0003	0.000756	0.00167	0.00118
2087 Sep	0.000356	0.00111	0.144	0.0000108	2.51	3.93	0.0617	0.000479	5.05	0.00206	0.01	0.000443	0.000322	0.000142	0.167	0.00000205	0.000317	0.000752	0.00167	0.00127
2087 Oct	0.000347	0.0011	0.141	0.0000107	2.53	3.92	0.0602	0.000492	4.96	0.00207	0.00992	0.000427	0.000323	0.000142	0.167	0.00000203	0.000327	0.000731	0.00164	0.00133
2087 Nov	0.000343	0.0011	0.14	0.0000107	2.52	3.91	0.0596	0.000496	4.93	0.00206	0.00989	0.00042	0.000322	0.000142	0.167	0.00000202	0.000328	0.000723	0.00163	0.00134
2087 Dec	0.000343	0.0011	0.139	0.0000107	2.53	3.92	0.0596	0.000498	4.92	0.00207	0.00988	0.00042	0.000323	0.000142	0.167	0.00000202	0.00033	0.000723	0.00163	0.00135
2088 Jan	0.000343	0.0011	0.139	0.0000107	2.53	3.92	0.0596	0.000499	4.92	0.00207	0.00988	0.00042	0.000323	0.000142	0.167	0.00000202	0.000331	0.000723	0.00163	0.00135
2088 Feb	0.000343	0.0011	0.139	0.0000107	2.53	3.92	0.0596	0.000499	4.92	0.00207	0.00988	0.00042	0.000324	0.000142	0.167	0.00000202	0.000331	0.000723	0.00163	0.00135
2088 Mar	0.000344	0.0011	0.14	0.0000107	2.54	3.92	0.0597	0.000499	4.92	0.00207	0.00989	0.00042	0.000324	0.000142	0.167	0.00000202	0.000331	0.000724	0.00163	0.00136
2088 Apr	0.000346	0.00111	0.141	0.0000108	2.56	3.95	0.0601	0.000503	4.96	0.00209	0.00997	0.000424	0.000326	0.000144	0.169	0.00000204	0.000334	0.00073	0.00164	0.00137
2088 May	0.000354	0.00113	0.144	0.000011	2.6	4.03	0.0615	0.000512	5.07	0.00213	0.0102	0.000432	0.000332	0.000146	0.172	0.00000208	0.00034	0.000745	0.00167	0.00139
2088 Jun	0.000317	0.00104	0.134	0.0000106	2.31	3.57	0.0547	0.000439	4.65	0.00193	0.00982	0.000387	0.000311	0.000129	0.152	0.00000203	0.000289	0.000707	0.00171	0.00115
2088 Jul	0.000315	0.00105	0.135	0.000011	2.33	3.58	0.0544	0.000441	4.68	0.00196	0.0101	0.000383	0.000321	0.00013	0.152	0.0000021	0.000292	0.000718	0.00178	0.00117
2088 Aug	0.00033	0.00111	0.142	0.0000116	2.48	3.79	0.057	0.000472	4.91	0.00208	0.0106	0.000399	0.000341	0.000138	0.162	0.00000221	0.000315	0.000749	0.00187	0.00127
2088 Sep	0.000329	0.00112	0.141	0.0000117	2.55	3.86	0.0571	0.000491	4.92	0.00213	0.0106	0.000395	0.000349	0.000142	0.165	0.00000222	0.00033	0.000747	0.00187	0.00136
2088 Oct	0.000308	0.00108	0.133	0.0000113	2.46	3.69	0.053	0.000497	4.71	0.00204	0.0103	0.000359	0.00033	0.000136	0.158	0.00000214	0.000324	0.000692	0.00177	0.00134
2088 Nov	0.000303	0.00108	0.132	0.0000112	2.44	3.66	0.0521	0.000499	4.68	0.00203	0.0103	0.000351	0.000326	0.000134	0.157	0.00000213	0.000322	0.00068	0.00175	0.00133
2088 Dec	0.000303	0.00108	0.132	0.0000112	2.45	3.67	0.0521	0.0005	4.67	0.00203	0.0103	0.000351	0.000327	0.000135	0.157	0.00000213	0.000324	0.00068	0.00175	0.00134
2089 Jan	0.000303	0.00108	0.132	0.0000112	2.45	3.67	0.0521	0.0005	4.67	0.00203	0.0103	0.000351	0.000327	0.000135	0.157	0.00000213	0.000324	0.00068	0.00175	0.00134
2089 Feb	0.000303	0.00108	0.132	0.0000112	2.45	3.67	0.0521	0.000501	4.67	0.00203	0.0103	0.000351	0.000327	0.000135	0.157	0.00000213	0.000324	0.00068	0.00175	0.00134
2089 Mar	0.000304	0.00108	0.132	0.0000112	2.45	3.67	0.0522	0.000501	4.68	0.00203	0.0103	0.000352	0.000327	0.000135	0.158	0.00000213	0.000324	0.000681	0.00175	0.00134
2089 Apr	0.000305	0.00109	0.133	0.0000113	2.46	3.69	0.0524	0.000504	4.7	0.00204	0.0103	0.000353	0.000329	0.000136	0.158	0.00000214	0.000326	0.000685	0.00176	0.00135
2089 May	0.000327	0.0011	0.139	0.0000113	2.46	3.77	0.0562	0.000489	4.9	0.00204	0.0105	0.000391	0.000325	0.000136	0.161	0.00000215	0.000314	0.000725	0.00177	0.00128
2089 Jun	0.000361	0.0011	0.149	0.000011	2.36	3.8	0.0618	0.000439	5.13	0.00197	0.0104	0.000455	0.000309	0.000133	0.16	0.0000021	0.000276	0.000788	0.00177	0.00109
2089 Jul	0.000363	0.00113	0.15	0.0000113	2.44	3.89	0.0622	0.000456	5.18	0.00204	0.0106	0.000454	0.000321	0.000137	0.164	0.00000215	0.000292	0.000791	0.0018	0.00118
2089 Aug	0.000365	0.00116	0.152	0.0000116	2.53	3.99	0.0628	0.000477	5.26	0.00211	0.0108	0.000454	0.000333	0.000142	0.169	0.00000221	0.00031	0.000794	0.00183	0.00128
2089 Sep	0.000358	0.00116	0.149	0.0000116	2.59	4.02	0.0617	0.000499	5.19	0.00214	0.0107	0.000439	0.000338	0.000145	0.171	0.0000022	0.000327	0.000775	0.00181	0.00138
2089 Oct	0.000328	0.00111	0.138	0.0000111	2.49	3.82	0.0562	0.000508	4.89	0.00205	0.0103	0.000389	0.000319	0.000138	0.163	0.0000021	0.000324	0.000704	0.00169	0.00139
2089 Nov	0.000325	0.00111	0.137	0.0000111	2.48	3.8	0.0556	0.000511	4.87	0.00205	0.0103	0.000384	0.000318	0.000137	0.162	0.00000209	0.000325	0.000697	0.00167	0.00139
2089 Dec	0.000325	0.00111	0.137	0.0000111	2.49	3.81	0.0556	0.000512	4.87	0.00205	0.0103	0.000384	0.000319	0.000138	0.163	0.00000209	0.000326	0.000697	0.00167	0.0014
2090 Jan	0.000325	0.00111	0.137	0.0000111	2.49	3.81	0.0556	0.000513	4.87	0.00205	0.0103	0.000384	0.000319	0.000138	0.163	0.00000209	0.000326	0.000697	0.00168	0.0014
2090 Feb	0.000325	0.00111	0.137	0.0000111	2.49	3.81	0.0556	0.000513	4.87	0.00205	0.0103	0.000384	0.000319	0.000138	0.163	0.00000209	0.000326	0.000697	0.00168	0.00141
2090 Mar	0.000325	0.00111	0.137	0.0000111	2.49	3.82	0.0557	0.000513	4.87	0.00205	0.0103	0.000384	0.000319	0.000138	0.163	0.0000021	0.000327	0.000698	0.00168	0.00141
2090 Apr	0.000326	0.00111	0.138	0.0000112	2.5	3.83	0.0559	0.000515	4.89	0.00206	0.0103	0.000385	0.00032	0.000138	0.163	0.0000021	0.000328	0.0007	0.00168	0.00141
2090 May	0.000332	0.00113	0.14	0.0000113	2.55	3.9	0.057	0.000522	4.94	0.00209	0.0104	0.000393	0.000326	0.000141	0.166	0.00000212	0.000335	0.000711	0.0017	0.00145
2090 Jun	0.00034	0.00105	0.138	0.0000104	2.38	3.75	0.059	0.00045	4.76	0.00197	0.00967	0.000424	0.000314	0.000134	0.159	0.00000196	0.000301	0.000737	0.00164	0.00133
2090 Jul	0.000338	0.00107	0.139	0.0000107	2.41	3.76	0.0587	0.000454	4.79	0.002	0.00989	0.00042	0.000322	0.000135	0.16	0.00000202	0.000306	0.000743	0.00169	0.00135

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2090 Aug	0.000315	0.00104	0.132	0.0000106	2.36	3.62	0.0546	0.000462	4.62	0.00195	0.00961	0.000382	0.000308	0.000132	0.155	0.00000199	0.000304	0.000682	0.00163	0.00136
2090 Sep	0.000294	0.00101	0.124	0.0000104	2.31	3.5	0.0505	0.000476	4.44	0.0019	0.00935	0.000344	0.000296	0.000128	0.15	0.00000194	0.000305	0.000628	0.00154	0.00138
2090 Oct	0.000269	0.000981	0.116	0.00001	2.19	3.3	0.0455	0.000484	4.24	0.0018	0.00916	0.000302	0.000272	0.00012	0.142	0.00000187	0.000292	0.000568	0.00145	0.00132
2090 Nov	0.000263	0.000972	0.114	0.00000991	2.17	3.25	0.0443	0.000486	4.19	0.00178	0.00909	0.000291	0.000267	0.000118	0.14	0.00000185	0.000291	0.000553	0.00142	0.00132
2090 Dec	0.000263	0.000973	0.114	0.00000992	2.18	3.26	0.0443	0.000487	4.18	0.00179	0.00908	0.000291	0.000268	0.000119	0.14	0.00000185	0.000293	0.000553	0.00142	0.00133
2091 Jan	0.000263	0.000973	0.114	0.00000992	2.18	3.26	0.0443	0.000488	4.18	0.00179	0.00908	0.000291	0.000269	0.000119	0.14	0.00000185	0.000293	0.000553	0.00142	0.00133
2091 Feb	0.000263	0.000973	0.114	0.00000992	2.18	3.26	0.0443	0.000488	4.18	0.00179	0.00907	0.000291	0.000269	0.000119	0.14	0.00000185	0.000294	0.000553	0.00142	0.00133
2091 Mar	0.000263	0.000975	0.114	0.00000993	2.18	3.27	0.0444	0.000489	4.19	0.00179	0.00909	0.000291	0.000269	0.000119	0.141	0.00000186	0.000294	0.000554	0.00143	0.00134
2091 Apr	0.000264	0.00098	0.115	0.00000999	2.2	3.29	0.0447	0.000491	4.21	0.0018	0.00914	0.000293	0.000271	0.00012	0.141	0.00000187	0.000296	0.000557	0.00143	0.00134
2091 May	0.000281	0.001	0.12	0.0000101	2.23	3.38	0.0476	0.000489	4.38	0.00183	0.00933	0.00032	0.000274	0.000122	0.145	0.00000189	0.000294	0.000591	0.00147	0.00133
2091 Jun	0.000326	0.000997	0.133	0.00000979	2.11	3.42	0.0552	0.000415	4.67	0.00175	0.00934	0.000405	0.000261	0.000118	0.144	0.00000185	0.000246	0.000685	0.0015	0.00106
2091 Jul	0.000335	0.00104	0.138	0.0000103	2.21	3.55	0.0569	0.000433	4.82	0.00183	0.00974	0.000415	0.000276	0.000123	0.15	0.00000194	0.00026	0.00071	0.00158	0.00113
2091 Aug	0.000323	0.00103	0.134	0.0000103	2.23	3.53	0.0548	0.000448	4.74	0.00184	0.00963	0.000394	0.000276	0.000124	0.149	0.00000195	0.000269	0.000677	0.00156	0.0012
2091 Sep	0.000308	0.00102	0.128	0.0000103	2.25	3.49	0.0524	0.000466	4.62	0.00185	0.00944	0.000367	0.000276	0.000125	0.149	0.00000193	0.000281	0.00064	0.00151	0.00129
2091 Oct	0.000293	0.001	0.123	0.0000101	2.23	3.42	0.0497	0.000478	4.46	0.00183	0.00923	0.000341	0.000271	0.000123	0.146	0.00000188	0.000288	0.000606	0.00146	0.00134
2091 Nov	0.000281	0.000987	0.119	0.00000994	2.19	3.34	0.0475	0.000483	4.36	0.00179	0.00912	0.000321	0.000264	0.00012	0.143	0.00000185	0.000285	0.000579	0.00142	0.00133
2091 Dec	0.000281	0.000987	0.119	0.00000994	2.2	3.35	0.0475	0.000484	4.35	0.0018	0.00911	0.000321	0.000264	0.000121	0.143	0.00000185	0.000287	0.000579	0.00142	0.00134
2092 Jan	0.000281	0.000987	0.119	0.00000994	2.2	3.35	0.0475	0.000485	4.35	0.0018	0.00911	0.00032	0.000265	0.000121	0.144	0.00000185	0.000288	0.000579	0.00141	0.00135
2092 Feb	0.000281	0.000987	0.119	0.00000995	2.2	3.35	0.0475	0.000485	4.35	0.0018	0.00911	0.00032	0.000265	0.000121	0.144	0.00000185	0.000288	0.000579	0.00141	0.00135
2092 Mar	0.000281	0.000989	0.119	0.00000996	2.21	3.36	0.0476	0.000486	4.36	0.0018	0.00912	0.000321	0.000266	0.000121	0.144	0.00000186	0.000289	0.00058	0.00142	0.00135
2092 Apr	0.000283	0.000994	0.12	0.00001	2.22	3.38	0.0478	0.000489	4.38	0.00181	0.00917	0.000323	0.000267	0.000122	0.145	0.00000186	0.00029	0.000583	0.00142	0.00136
2092 May	0.000301	0.00102	0.125	0.0000101	2.27	3.5	0.0511	0.000487	4.53	0.00185	0.0093	0.000352	0.000273	0.000125	0.149	0.00000188	0.000293	0.000618	0.00145	0.00138
2092 Jun	0.000325	0.000958	0.13	0.00000939	2.06	3.36	0.0556	0.000391	4.53	0.00171	0.00887	0.000412	0.000257	0.000116	0.141	0.00000176	0.000239	0.000684	0.00145	0.0011
2092 Jul	0.000313	0.000948	0.127	0.00000952	2.05	3.3	0.0536	0.000388	4.42	0.00171	0.00889	0.000393	0.000264	0.000116	0.139	0.00000179	0.000242	0.000672	0.00149	0.00112
2092 Aug	0.00032	0.000983	0.13	0.00000991	2.17	3.45	0.055	0.000414	4.53	0.0018	0.00914	0.000399	0.000279	0.000122	0.146	0.00000185	0.000263	0.000685	0.00153	0.00125
2092 Sep	0.000311	0.000984	0.126	0.00000995	2.25	3.5	0.0539	0.000442	4.44	0.00185	0.00898	0.000381	0.00029	0.000127	0.149	0.00000184	0.000288	0.000663	0.0015	0.00142
2092 Oct	0.000302	0.00098	0.123	0.00000991	2.3	3.52	0.0526	0.000461	4.34	0.00187	0.00885	0.000364	0.000295	0.000129	0.151	0.00000182	0.000305	0.000642	0.00147	0.00154
2092 Nov	0.0003	0.00098	0.122	0.00000991	2.32	3.53	0.0523	0.000468	4.31	0.00189	0.00881	0.00036	0.000298	0.00013	0.151	0.00000181	0.000312	0.000638	0.00146	0.00158
2092 Dec	0.0003	0.000981	0.122	0.00000991	2.32	3.54	0.0524	0.000468	4.31	0.00189	0.00881	0.00036	0.000298	0.00013	0.152	0.00000181	0.000312	0.000638	0.00146	0.00159
2093 Jan	0.0003	0.000981	0.122	0.00000991	2.32	3.54	0.0524	0.000469	4.31	0.00189	0.00881	0.00036	0.000299	0.00013	0.152	0.00000181	0.000313	0.000638	0.00146	0.00159
2093 Feb	0.0003	0.000981	0.122	0.00000992	2.32	3.54	0.0524	0.000469	4.31	0.00189	0.00881	0.00036	0.000299	0.00013	0.152	0.00000181	0.000313	0.000638	0.00146	0.00159
2093 Mar	0.000301	0.000984	0.122	0.00000994	2.33	3.55	0.0525	0.00047	4.32	0.0019	0.00883	0.00036	0.0003	0.000131	0.152	0.00000182	0.000314	0.00064	0.00146	0.0016
2093 Apr	0.000303	0.000989	0.123	0.00000999	2.34	3.57	0.0528	0.000473	4.34	0.00191	0.00887	0.000362	0.000301	0.000131	0.153	0.00000183	0.000316	0.000643	0.00147	0.00161
2093 May	0.000318	0.00101	0.128	0.0000101	2.38	3.67	0.0555	0.000473	4.49	0.00194	0.00903	0.000386	0.000306	0.000134	0.157	0.00000185	0.000317	0.000673	0.0015	0.00161
2093 Jun	0.000343	0.000989	0.135	0.00000973	2.21	3.58	0.0594	0.000405	4.65	0.00182	0.00901	0.000439	0.000285	0.000126	0.151	0.00000181	0.000266	0.000728	0.00151	0.0013
2093 Jul	0.000347	0.00102	0.138	0.0000101	2.28	3.66	0.0601	0.000417	4.74	0.00188	0.00931	0.000442	0.000295	0.000129	0.154	0.00000188	0.000275	0.000741	0.00157	0.00135
2093 Aug	0.000351	0.00105	0.14	0.0000104	2.36	3.76	0.061	0.000437	4.83	0.00195	0.00951	0.000445	0.000306	0.000134	0.159	0.00000193	0.000291	0.000748	0.00161	0.00145
2093 Sep	0.000342	0.00104	0.137	0.0000104	2.39	3.76	0.0595	0.000455	4.76	0.00196	0.00945	0.000428	0.000308	0.000135	0.16	0.00000192	0.000303	0.000727	0.00158	0.00153
2093 Oct	0.000313	0.00101	0.127	0.0000101	2.29	3.56	0.0539	0.000465	4.5	0.00187	0.00915	0.000378	0.000289	0.000128	0.152	0.00000185	0.000297	0.000659	0.00148	0.00151
2093 Nov	0.000302	0.000998	0.124	0.00000999	2.26	3.49	0.0518	0.000472	4.42	0.00185	0.0091	0.000359	0.000281	0.000126	0.149	0.00000183	0.000296	0.000634	0.00145	0.00151
2093 Dec	0.000302	0.000998	0.124	0.00001	2.27	3.5	0.0518	0.000473	4.42	0.00185	0.0091	0.000359	0.000282	0.000126	0.149	0.00000183	0.000297	0.000634	0.00145	0.00151
2094 Jan	0.000302	0.000998	0.124	0.00001	2.27	3.5	0.0518	0.000473	4.42	0.00185	0.0091	0.000359	0.000282	0.000126	0.149	0.00000183	0.000297	0.000634	0.00145	0.00152
2094 Feb	0.000302	0.000998	0.124	0.00001	2.27	3.5	0.0518	0.000474	4.42	0.00185	0.0091	0.000359	0.000283	0.000126	0.149	0.00000183	0.000297	0.000634	0.00145	0.00152
2094 Mar	0.000303	0.001	0.124	0.00001	2.27	3.51	0.0519	0.000474	4.43	0.00185	0.00911	0.000359	0.000283	0.000126	0.15	0.00000184	0.000298	0.000635	0.00145	0.00152
2094 Apr	0.000304	0.001	0.125	0.00001	2.28	3.52	0.0521	0.000476	4.44	0.00186	0.00914	0.000361	0.000284	0.000127	0.15	0.00000184	0.000299	0.000637	0.00146	0.00153
2094 May	0.000323	0.00102	0.13	0.00001	2.3	3.61	0.0555	0.000466	4.59	0.00188	0.0092	0.000393	0.000286	0.000129	0.153	0.00000184	0.000295	0.000673	0.00147	0.00151
2094 Jun	0.000356	0.00103	0.14	0.00000999	2.29	3.72	0.0613	0.000434	4.83	0.00188	0.00933	0.000451	0.000286	0.00013	0.156	0.00000184	0.000276	0.000741	0.00151	0.0014
2094 Jul	0.00037	0.00109	0.146	0.0000106	2.43	3.91	0.0638	0.00046	5.05	0.00199	0.0098	0.000468	0.000305	0.000137	0.165	0.00000195	0.000296	0.000773	0.00159	0.00151
2094 Aug	0.000385	0.00114	0.152	0.0000112	2.6	4.15	0.0667	0.000496	5.26	0.00212	0.0102	0.000485	0.000328	0.000147	0.175	0.00000204	0.000326	0.000804	0.00167	0.00169
2094 Sep	0.000373	0.00114	0.147	0.0000111	2.62	4.12	0.0646	0.000513	5.15	0.00212	0.0101	0.000462	0.000328	0.000147	0.175	0.00000203	0.000337	0.000775	0.00163	0.00178
2094 Oct	0.00035	0.0011	0.139	0.0000109	2.57	3.99	0.0605	0.000523	4.92	0.00208	0.00982	0.000424	0.000319	0.000144	0.17	0.00000197	0.00034	0.000725	0.00156	0.00182
2094 Nov	0.000328	0.00108	0.132	0.0000106	2.5	3.85	0.0566	0.000529	4.72	0.00202	0.00957	0.000389	0.000308	0.000139	0.165	0.00000191	0.000338	0.000677	0.00149	0.00182
2094 Dec	0.000327	0.00107	0.132	0.0000106	2.5	3.84	0.0564	0.00053	4.71	0.00202	0.00955	0.000386	0.000307	0.000139	0.164	0.00000191	0.000338	0.000674	0.00148	0.00183
2095 Jan	0.000327	0.00107	0.132	0.0000106	2.5	3.85	0.0564	0.00053	4.7	0.00202	0.00955	0.000386	0.000308	0.000139	0.165	0.00000191	0.000339	0.000674	0.00148	0.00183
2095 Feb	0.000327	0.00107	0.132	0.0000106	2.5	3.85	0.0564	0.00053	4.7	0.00202	0.00955	0.000386	0.000308	0.000139	0.165	0.00000191	0.000339	0.000674	0.00148	0.00183
2095 Mar	0.000327	0.00107	0.132	0.0000106	2.51	3.85	0.0564	0.000531	4.71	0.00202	0.00955	0.000387	0.000308	0.000139	0.165	0.00000191	0.00034	0.000675	0.00148	0.00184
2095 Apr	0.000329	0.00108	0.132	0.0000106	2.52	3.87	0.0567	0.000533	4.73	0.00203	0.0096	0.000388	0.00031	0.00014	0.166	0.00000192	0.000341	0.000678	0.00149	0.00185
2095 May	0.000349	0.00109	0.139	0.0000106	2.5	3.92	0.0601	0.000514	4.91	0.00202	0.00972	0.000424	0.000306	0.00014	0.167	0.00000193	0.000326	0.000717	0.00151	0.00174
2095 Jun	0.000379	0.00111	0.148	0.0000107	2.48	4.01	0.0652	0.000485	5.18	0.00202	0.00998	0.000477	0.000303	0.00014	0.169	0.00000195	0.000304	0.00078	0.00157	0.00159
2095 Jul	0.000395	0.00117	0.155	0.0000113	2.6	4.2	0.0678	0.00051	5.42	0.00212	0.0105	0.000495	0.000318	0.000147	0.177	0.00000206	0.000321	0.000811	0.00165	0.00168
2095 Aug	0.000379	0.00115	0.151	0.0000112	2.57	4.11	0.065	0.000511	5.29	0.00209	0.0103	0.00047	0.000312	0.000144	0.174	0.00000205	0.000321	0.000773	0.00162	0.0017
2095 Sep	0.000367	0.00114	0.146	0.0000112	2.58	4.07	0.063	0.000523	5.19	0.00209	0.0102	0.000449	0.000311	0.000144	0.173	0.00000204	0.000328	0.000744	0.00159	0.00176
2095 Oct	0.00036	0.00114	0.144	0.0000112	2.6	4.07	0.062	0.000534	5.12	0.0021	0.0101	0.000437	0.000314	0.000145	0.173	0.00000203	0.000337	0.00073	0.00157	0.00184
2095 Nov	0.000348	0.00112	0.14	0.000011	2.56	3.98	0.0597	0.000537	5	0.00207	0.00994	0.000416	0.000308	0.000143	0.17	0.00000199	0.000336	0.000703	0.00153	0.00184
2095 Dec	0.000346	0.00112	0.139	0.000011	2.56	3.98	0.0594	0.000538	4.98	0.00207	0.00993	0.000414	0.000308	0.000143	0.17	0.00000199	0.000337	0.0007	0.00153	0.00184
2096 Jan	0.000346	0.00112	0.139	0.000011	2.56	3.98	0.0594	0.000539	4.98	0.00207	0.00992	0.000414	0.000308	0.000143	0.17	0.00000199	0.000338	0.000699	0.00153	0.00185
2096 Feb	0.000346	0.00112	0.139	0.000011	2.56	3.98	0.0595	0.000539	4.98	0.00207	0.00992	0.000414	0.000308	0.000143	0.17	0.00000199	0.000338	0.0007	0.00153	0.00185
2096 Mar	0.000347	0.00112	0.139	0.000011	2.57	3.99	0.0595	0.00054	4.99	0.00207	0.00993	0.000414	0.000309	0.000143	0.17	0.00000199	0.000338	0.0007	0.00153	0.00185

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2096 Apr	0.000348	0.00112	0.14	0.0000111	2.58	4	0.0598	0.000542	5.01	0.00208	0.00997	0.000416	0.00031	0.000144	0.171	0.000002	0.00034	0.000703	0.00153	0.00186
2096 May	0.000358	0.00113	0.142	0.0000111	2.62	4.09	0.0618	0.000543	5.07	0.00211	0.00999	0.000433	0.000317	0.000147	0.174	0.000002	0.000346	0.000724	0.00154	0.00191
2096 Jun	0.000333	0.00101	0.133	0.0000102	2.27	3.61	0.0575	0.000435	4.62	0.00187	0.00922	0.000416	0.000292	0.000128	0.153	0.00000185	0.000283	0.000708	0.00153	0.00155
2096 Jul	0.000329	0.00102	0.134	0.0000105	2.29	3.61	0.057	0.000437	4.63	0.00189	0.00944	0.00041	0.0003	0.000129	0.153	0.00000191	0.000286	0.000713	0.00159	0.00157
2096 Aug	0.00034	0.00106	0.139	0.000011	2.41	3.78	0.059	0.000463	4.8	0.00199	0.0098	0.000421	0.000315	0.000136	0.16	0.000002	0.000305	0.000735	0.00165	0.00169
2096 Sep	0.000327	0.00105	0.134	0.0000109	2.4	3.71	0.0565	0.000476	4.69	0.00197	0.00968	0.000397	0.000309	0.000134	0.158	0.00000197	0.000309	0.000702	0.00161	0.00173
2096 Oct	0.000301	0.00102	0.126	0.0000105	2.31	3.54	0.0515	0.000487	4.47	0.00189	0.00943	0.000353	0.000291	0.000128	0.151	0.00000191	0.000304	0.00064	0.00151	0.00172
2096 Nov	0.000297	0.00102	0.124	0.0000105	2.3	3.51	0.0506	0.000491	4.45	0.00188	0.00942	0.000345	0.000287	0.000127	0.15	0.0000019	0.000303	0.00063	0.0015	0.00171
2096 Dec	0.000297	0.00102	0.124	0.0000105	2.3	3.51	0.0506	0.000491	4.45	0.00188	0.00942	0.000344	0.000288	0.000127	0.15	0.0000019	0.000304	0.00063	0.0015	0.00172
2097 Jan	0.000297	0.00102	0.124	0.0000105	2.3	3.51	0.0506	0.000492	4.45	0.00188	0.00941	0.000344	0.000288	0.000127	0.15	0.0000019	0.000304	0.000629	0.0015	0.00172
2097 Feb	0.000297	0.00102	0.124	0.0000105	2.3	3.51	0.0506	0.000492	4.45	0.00188	0.00941	0.000344	0.000288	0.000127	0.15	0.0000019	0.000304	0.000629	0.0015	0.00172
2097 Mar	0.000297	0.00102	0.124	0.0000105	2.3	3.52	0.0506	0.000492	4.45	0.00188	0.00942	0.000345	0.000288	0.000127	0.15	0.0000019	0.000305	0.00063	0.0015	0.00172
2097 Apr	0.000298	0.00102	0.125	0.0000106	2.32	3.54	0.0509	0.000495	4.47	0.00189	0.00947	0.000347	0.00029	0.000128	0.151	0.00000191	0.000306	0.000633	0.00151	0.00173
2097 May	0.000314	0.00105	0.13	0.0000107	2.34	3.62	0.0535	0.000493	4.63	0.00192	0.00966	0.00037	0.000293	0.00013	0.154	0.00000194	0.000304	0.000663	0.00154	0.00171
2097 Jun	0.000342	0.00104	0.139	0.0000105	2.25	3.63	0.0583	0.000443	4.84	0.00186	0.00974	0.000425	0.000282	0.000126	0.153	0.00000193	0.000269	0.000724	0.00157	0.00146
2097 Jul	0.000353	0.00109	0.144	0.000011	2.36	3.78	0.0602	0.000463	5.02	0.00195	0.0102	0.000438	0.000297	0.000132	0.159	0.00000202	0.000283	0.00075	0.00165	0.00155
2097 Aug	0.000358	0.00112	0.147	0.0000114	2.43	3.87	0.061	0.00048	5.12	0.00201	0.0104	0.000441	0.000305	0.000136	0.163	0.00000208	0.000295	0.000757	0.00169	0.00162
2097 Sep	0.000357	0.00113	0.147	0.0000115	2.47	3.91	0.061	0.000494	5.14	0.00204	0.0105	0.000438	0.00031	0.000138	0.166	0.0000021	0.000304	0.000755	0.00169	0.00169
2097 Oct	0.000349	0.00112	0.144	0.0000114	2.46	3.87	0.0594	0.0005	5.06	0.00202	0.0104	0.000423	0.000306	0.000137	0.164	0.00000208	0.000306	0.000735	0.00166	0.00172
2097 Nov	0.000344	0.00111	0.142	0.0000113	2.44	3.84	0.0585	0.000502	5.01	0.00201	0.0103	0.000414	0.000304	0.000136	0.163	0.00000206	0.000306	0.000723	0.00164	0.00172
2097 Dec	0.000343	0.00111	0.142	0.0000113	2.45	3.84	0.0584	0.000502	5	0.00201	0.0103	0.000414	0.000304	0.000136	0.163	0.00000206	0.000307	0.000723	0.00164	0.00173
2098 Jan	0.000343	0.00111	0.142	0.0000113	2.45	3.84	0.0584	0.000503	5	0.00201	0.0103	0.000414	0.000304	0.000136	0.163	0.00000206	0.000307	0.000722	0.00164	0.00173
2098 Feb	0.000343	0.00111	0.142	0.0000113	2.45	3.84	0.0585	0.000503	5	0.00201	0.0103	0.000414	0.000304	0.000136	0.163	0.00000206	0.000308	0.000722	0.00164	0.00174
2098 Mar	0.000343	0.00111	0.142	0.0000113	2.45	3.84	0.0585	0.000503	5	0.00201	0.0103	0.000414	0.000304	0.000136	0.163	0.00000206	0.000308	0.000723	0.00164	0.00174
2098 Apr	0.000346	0.00112	0.143	0.0000114	2.46	3.86	0.0589	0.000504	5.03	0.00202	0.0103	0.000416	0.000305	0.000136	0.164	0.00000207	0.000308	0.000728	0.00165	0.00174
2098 May	0.000378	0.00114	0.152	0.0000113	2.44	3.96	0.0644	0.000478	5.3	0.00201	0.0105	0.000466	0.000299	0.000136	0.167	0.00000206	0.000288	0.000786	0.00166	0.00159
2098 Jun	0.000391	0.00106	0.153	0.0000102	2.16	3.71	0.0663	0.00038	5.23	0.0018	0.00988	0.000509	0.000265	0.000122	0.153	0.00000191	0.000222	0.000815	0.0016	0.00114
2098 Jul	0.000403	0.0011	0.159	0.0000108	2.25	3.85	0.0684	0.000396	5.42	0.00188	0.0103	0.000523	0.000279	0.000127	0.159	0.00000201	0.000233	0.000845	0.00169	0.0012
2098 Aug	0.000395	0.00111	0.157	0.0000109	2.28	3.85	0.0671	0.000412	5.39	0.0019	0.0103	0.000508	0.000281	0.000129	0.16	0.00000203	0.000242	0.000824	0.00168	0.00129
2098 Sep	0.000361	0.00106	0.145	0.0000106	2.21	3.65	0.0611	0.000425	5.08	0.00183	0.00993	0.000453	0.000266	0.000124	0.153	0.00000196	0.000244	0.000748	0.00158	0.00133
2098 Oct	0.00033	0.00102	0.135	0.0000102	2.13	3.47	0.0553	0.00044	4.79	0.00176	0.00959	0.0004	0.000252	0.000118	0.146	0.00000188	0.000246	0.000678	0.00148	0.00137
2098 Nov	0.000321	0.00101	0.132	0.0000102	2.11	3.42	0.0537	0.000445	4.71	0.00174	0.0095	0.000386	0.000248	0.000116	0.144	0.00000186	0.000247	0.000658	0.00145	0.00139
2098 Dec	0.000321	0.00101	0.132	0.0000102	2.12	3.42	0.0537	0.000446	4.71	0.00175	0.0095	0.000386	0.000249	0.000117	0.144	0.00000186	0.000248	0.000658	0.00145	0.00139
2099 Jan	0.000321	0.00101	0.132	0.0000102	2.12	3.42	0.0537	0.000446	4.71	0.00175	0.00949	0.000385	0.000249	0.000117	0.144	0.00000186	0.000248	0.000658	0.00145	0.0014
2099 Feb	0.000321	0.00101	0.132	0.0000102	2.12	3.43	0.0537	0.000446	4.71	0.00175	0.00949	0.000385	0.000249	0.000117	0.144	0.00000186	0.000249	0.000658	0.00145	0.0014
2099 Mar	0.000322	0.00102	0.132	0.0000102	2.12	3.43	0.0538	0.000447	4.72	0.00175	0.00951	0.000386	0.00025	0.000117	0.144	0.00000187	0.000249	0.000659	0.00146	0.0014
2099 Apr	0.000327	0.00103	0.134	0.0000103	2.14	3.47	0.0548	0.00045	4.78	0.00177	0.0096	0.000391	0.000252	0.000118	0.146	0.00000188	0.000251	0.000669	0.00147	0.00141
2099 May	0.000399	0.00107	0.154	0.00001	2.16	3.77	0.0673	0.000406	5.37	0.00178	0.00982	0.000476	0.000245	0.000118	0.155	0.00000186	0.000221	0.000797	0.00148	0.00117
2099 Jun	0.000402	0.00105	0.155	0.00000983	2.1	3.71	0.0679	0.000379	5.33	0.00174	0.00969	0.000493	0.000242	0.000116	0.152	0.00000183	0.000207	0.000811	0.00149	0.00108
2099 Jul	0.000413	0.0011	0.16	0.0000103	2.2	3.85	0.0698	0.000397	5.5	0.00182	0.0101	0.000505	0.000255	0.000122	0.159	0.00000192	0.00022	0.000835	0.00156	0.00118
2099 Aug	0.000421	0.00113	0.163	0.0000108	2.3	3.98	0.0712	0.000422	5.65	0.0019	0.0104	0.000511	0.000266	0.000127	0.164	0.00000199	0.000235	0.000847	0.00161	0.00128
2099 Sep	0.000398	0.00111	0.156	0.0000106	2.26	3.86	0.0672	0.000431	5.45	0.00186	0.0101	0.000476	0.000259	0.000124	0.16	0.00000196	0.000239	0.000797	0.00155	0.00133
2099 Oct	0.000376	0.00108	0.148	0.0000104	2.21	3.73	0.0631	0.00044	5.24	0.00182	0.00991	0.000441	0.00025	0.000121	0.155	0.00000191	0.00024	0.00075	0.00149	0.00136
2099 Nov	0.000362	0.00106	0.144	0.0000103	2.18	3.64	0.0607	0.000443	5.11	0.00179	0.00976	0.000421	0.000245	0.000118	0.152	0.00000188	0.00024	0.000722	0.00146	0.00137
2099 Dec	0.000363	0.00106	0.144	0.0000103	2.18	3.65	0.0607	0.000444	5.11	0.00179	0.00977	0.000421	0.000245	0.000118	0.152	0.00000188	0.00024	0.000722	0.00146	0.00137
2100 Jan	0.000362	0.00106	0.144	0.0000103	2.18	3.65	0.0607	0.000444	5.11	0.00179	0.00976	0.000421	0.000246	0.000119	0.152	0.00000188	0.000241	0.000722	0.00146	0.00138
2100 Feb	0.000362	0.00106	0.144	0.0000103	2.18	3.65	0.0607	0.000445	5.11	0.00179	0.00976	0.000421	0.000246	0.000119	0.152	0.00000188	0.000241	0.000722	0.00146	0.00138
2100 Mar	0.000362	0.00106	0.144	0.0000103	2.18	3.65	0.0607	0.000445	5.11	0.00179	0.00976	0.000421	0.000246	0.000119	0.152	0.00000188	0.000241	0.000722	0.00146	0.00138
2100 Apr	0.000365	0.00107	0.145	0.0000103	2.2	3.67	0.0611	0.000447	5.14	0.0018	0.00982	0.000424	0.000248	0.000119	0.153	0.00000189	0.000243	0.000726	0.00146	0.00139
2100 May	0.00039	0.00109	0.152	0.0000104	2.23	3.8	0.0656	0.000433	5.33	0.00183	0.00992	0.00047	0.000252	0.000123	0.158	0.0000019	0.000238	0.000777	0.00149	0.00136
2100 Jun	0.00039	0.00102	0.151	0.00000971	2.03	3.59	0.0659	0.000361	5.19	0.00169	0.0095	0.000495	0.000237	0.000114	0.147	0.00000181	0.000197	0.000794	0.00148	0.00107
2100 Jul	0.000384	0.00103	0.15	0.00000989	2.06	3.58	0.0649	0.000366	5.13	0.00171	0.00956	0.000484	0.000245	0.000115	0.148	0.00000183	0.000205	0.000789	0.00152	0.00114
2100 Aug	0.000367	0.00101	0.145	0.0000099	2.04	3.5	0.062	0.000373	5.02	0.0017	0.00943	0.000458	0.00024	0.000114	0.145	0.00000183	0.000207	0.000749	0.00149	0.00117
2100 Sep	0.000355	0.001	0.141	0.00000992	2.04	3.46	0.0598	0.000387	4.92	0.0017	0.00931	0.000437	0.000238	0.000114	0.144	0.00000183	0.000214	0.000719	0.00146	0.00124
2100 Oct	0.00035	0.001	0.139	0.00000994	2.06	3.46	0.0591	0.000396	4.88	0.00171	0.00928	0.000428	0.00024	0.000114	0.144	0.00000182	0.00022	0.000709	0.00145	0.0013
2100 Nov	0.000349	0.001	0.139	0.00000995	2.06	3.46	0.059	0.000398	4.88	0.00171	0.00929	0.000427	0.000241	0.000115	0.144	0.00000182	0.000222	0.000708	0.00145	0.00131
2100 Dec	0.00035	0.001	0.139	0.00000996	2.07	3.47	0.059	0.000399	4.88	0.00171	0.00929	0.000427	0.000241	0.000115	0.144	0.00000182	0.000223	0.000708	0.00145	0.00132
2101 Jan	0.000349	0.001	0.139	0.00000996	2.07	3.47	0.059	0.0004	4.87	0.00171	0.00928	0.000426	0.000242	0.000115	0.145	0.00000182	0.000224	0.000707	0.00145	0.00133
2101 Feb	0.000349	0.001	0.139	0.00000996	2.07	3.47	0.059	0.0004	4.87	0.00172	0.00927	0.000426	0.000242	0.000115	0.145	0.00000182	0.000224	0.000707	0.00145	0.00133
2101 Mar	0.000349	0.001	0.139	0.00000997	2.07	3.47	0.059	0.0004	4.87	0.00172	0.00928	0.000426	0.000242	0.000115	0.145	0.00000182	0.000224	0.000707	0.00145	0.00134
2101 Apr	0.000351	0.00101	0.139	0.00001	2.08	3.49	0.0592	0.000402	4.89	0.00172	0.00931	0.000428	0.000243	0.000116	0.145	0.00000183	0.000225	0.00071	0.00145	0.00134
2101 May	0.000377	0.00103	0.147	0.00001	2.09	3.6	0.0638	0.000386	5.13	0.00174	0.00952	0.000474	0.000244	0.000117	0.149	0.00000185	0.000214	0.000763	0.00149	0.00124
2101 Jun	0.000387	0.00101	0.15	0.00000974	2.01	3.54	0.0655	0.000346	5.14	0.00168	0.00941	0.000501	0.000237	0.000114	0.145	0.00000181	0.00019	0.000791	0.0015	0.00106
2101 Jul	0.000401	0.00105	0.156	0.0000102	2.1	3.69	0.0678	0.000363	5.34	0.00176	0.00984	0.000518	0.00025	0.000119	0.152	0.0000019	0.000202	0.000823	0.00158	0.00114
2101 Aug	0.000413	0.0011	0.161	0.0000107	2.2	3.84	0.0701	0.000384	5.53	0.00184	0.0102	0.000533	0.000263	0.000125	0.158	0.00000198	0.000216	0.000847	0.00164	0.00124
2101 Sep	0.000392	0.00108	0.154	0.0000106	2.17	3.73	0.0662	0.000398	5.35	0.00181	0.01	0.000496	0.000256	0.000122	0.154	0.00000195	0.00022	0.000798	0.00159	0.00129
2101 Oct	0.000381	0.00107	0.15	0.0000106	2.18	3.7	0.0644	0.000409	5.25	0.00181	0.00989	0.000478	0.000255	0.000122	0.153	0.00000193	0.000228	0.000775	0.00156	0.00137
2101 Nov	0.000366	0.00105	0.145	0.0000104	2.14	3.61	0.0616	0.000414	5.1	0.00177	0.00972	0.000453	0.000249	0.000119	0.15	0.0000019	0.000228	0.000742	0.00151	0.00139

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Dec	0.000364	0.00105	0.145	0.0000104	2.14	3.6	0.0614	0.000415	5.09	0.00177	0.00971	0.000451	0.000249	0.000119	0.15	0.00000189	0.000229	0.000739	0.00151	0.00139
2102 Jan	0.000364	0.00105	0.145	0.0000104	2.14	3.6	0.0614	0.000416	5.09	0.00177	0.00971	0.000451	0.000249	0.000119	0.15	0.00000189	0.000229	0.000739	0.00151	0.0014
2102 Feb	0.000364	0.00105	0.145	0.0000104	2.14	3.6	0.0614	0.000416	5.09	0.00177	0.00971	0.000451	0.000249	0.000119	0.15	0.00000189	0.000229	0.000739	0.00151	0.0014
2102 Mar	0.000365	0.00105	0.145	0.0000104	2.14	3.6	0.0614	0.000416	5.09	0.00177	0.00971	0.000451	0.000249	0.000119	0.15	0.00000189	0.000229	0.00074	0.00151	0.0014
2102 Apr	0.000366	0.00105	0.145	0.0000104	2.15	3.61	0.0616	0.000417	5.1	0.00178	0.00974	0.000453	0.00025	0.00012	0.15	0.0000019	0.00023	0.000742	0.00151	0.0014
2102 May	0.00037	0.00106	0.147	0.0000106	2.18	3.66	0.0624	0.000423	5.17	0.0018	0.00987	0.000459	0.000253	0.000121	0.152	0.00000192	0.000233	0.000752	0.00153	0.00142
2102 Jun	0.000303	0.000933	0.128	0.0000101	1.88	3.08	0.051	0.000352	4.43	0.0016	0.00924	0.000371	0.000245	0.000104	0.128	0.00000185	0.000199	0.000672	0.00157	0.00119
2102 Jul	0.000277	0.000894	0.122	0.0000101	1.77	2.85	0.0464	0.000325	4.18	0.00154	0.00918	0.000336	0.000244	0.0000972	0.119	0.00000187	0.000185	0.000644	0.00163	0.00109
2102 Aug	0.000279	0.000916	0.124	0.0000104	1.82	2.91	0.0467	0.00034	4.26	0.00157	0.00938	0.000336	0.000248	0.0000996	0.122	0.00000192	0.000192	0.000645	0.00165	0.00114
2102 Sep	0.000276	0.00092	0.123	0.0000104	1.82	2.91	0.0459	0.000351	4.27	0.00158	0.00942	0.000327	0.000245	0.0000996	0.122	0.00000193	0.000194	0.000633	0.00164	0.00116
2102 Oct	0.00026	0.0009	0.118	0.0000101	1.77	2.8	0.043	0.000359	4.13	0.00153	0.00922	0.000302	0.000232	0.0000958	0.118	0.00000188	0.000192	0.000593	0.00157	0.00115
2102 Nov	0.00026	0.000901	0.117	0.0000102	1.78	2.81	0.043	0.000362	4.13	0.00153	0.00922	0.000301	0.000233	0.0000963	0.118	0.00000188	0.000194	0.000592	0.00157	0.00117
2102 Dec	0.00026	0.000902	0.117	0.0000102	1.78	2.82	0.043	0.000363	4.13	0.00154	0.00922	0.000301	0.000234	0.0000965	0.118	0.00000188	0.000195	0.000592	0.00157	0.00118
2103 Jan	0.00026	0.000902	0.117	0.0000102	1.78	2.82	0.043	0.000363	4.13	0.00154	0.00922	0.000301	0.000234	0.0000965	0.118	0.00000188	0.000195	0.000592	0.00157	0.00118
2103 Feb	0.00026	0.000902	0.117	0.0000102	1.78	2.82	0.043	0.000363	4.13	0.00154	0.00922	0.000301	0.000234	0.0000966	0.118	0.00000188	0.000195	0.000592	0.00157	0.00118
2103 Mar	0.00026	0.000903	0.117	0.0000102	1.78	2.82	0.043	0.000363	4.13	0.00154	0.00923	0.000301	0.000234	0.0000966	0.119	0.00000188	0.000195	0.000593	0.00157	0.00118
2103 Apr	0.000261	0.000906	0.118	0.0000102	1.79	2.83	0.0432	0.000365	4.15	0.00154	0.00926	0.000302	0.000235	0.000097	0.119	0.00000189	0.000196	0.000595	0.00157	0.00119
2103 May	0.000288	0.000934	0.125	0.0000103	1.86	3	0.0481	0.000363	4.37	0.00159	0.00938	0.000346	0.000242	0.000102	0.126	0.00000189	0.0002	0.000644	0.00159	0.00123
2103 Jun	0.000318	0.000917	0.132	0.00000972	1.81	3.05	0.0536	0.000316	4.48	0.00155	0.00907	0.000407	0.000236	0.000101	0.126	0.0000018	0.000178	0.000701	0.00155	0.00107
2103 Jul	0.000311	0.000921	0.131	0.00000993	1.81	3.03	0.0523	0.000317	4.45	0.00156	0.00919	0.000396	0.000239	0.000101	0.125	0.00000184	0.00018	0.000692	0.00159	0.00109
2103 Aug	0.000295	0.00092	0.127	0.00001	1.78	2.94	0.0493	0.000321	4.36	0.00154	0.00916	0.000371	0.000231	0.0000992	0.122	0.00000185	0.00018	0.000646	0.00155	0.00111
2103 Sep	0.000279	0.000907	0.122	0.00000989	1.76	2.87	0.0463	0.000338	4.24	0.00151	0.00903	0.000343	0.000222	0.0000969	0.12	0.00000182	0.000183	0.000606	0.0015	0.00114
2103 Oct	0.000257	0.000885	0.115	0.00000961	1.69	2.72	0.0418	0.000356	4.08	0.00144	0.00887	0.000302	0.000205	0.0000913	0.114	0.00000177	0.00018	0.000551	0.00141	0.00112
2103 Nov	0.000252	0.000881	0.113	0.00000956	1.68	2.69	0.0408	0.000361	4.04	0.00143	0.00884	0.000293	0.000201	0.0000902	0.113	0.00000176	0.00018	0.000538	0.00139	0.00113
2103 Dec	0.000252	0.000881	0.113	0.00000957	1.68	2.7	0.0408	0.000362	4.04	0.00143	0.00883	0.000292	0.000202	0.0000904	0.113	0.00000176	0.000181	0.000537	0.00139	0.00113
2104 Jan	0.000252	0.000881	0.113	0.00000957	1.68	2.7	0.0408	0.000362	4.04	0.00143	0.00883	0.000292	0.000202	0.0000904	0.113	0.00000176	0.000181	0.000537	0.00139	0.00114
2104 Feb	0.000252	0.000881	0.113	0.00000957	1.68	2.7	0.0408	0.000362	4.04	0.00143	0.00883	0.000292	0.000202	0.0000904	0.113	0.00000176	0.000181	0.000538	0.00139	0.00114
2104 Mar	0.000252	0.000882	0.113	0.00000958	1.68	2.7	0.0408	0.000362	4.04	0.00144	0.00884	0.000293	0.000202	0.0000905	0.113	0.00000176	0.000181	0.000538	0.00139	0.00114
2104 Apr	0.000253	0.000887	0.114	0.00000963	1.69	2.72	0.0411	0.000364	4.07	0.00144	0.00889	0.000295	0.000203	0.0000911	0.114	0.00000177	0.000182	0.000541	0.0014	0.00114
2104 May	0.000293	0.000927	0.125	0.00000972	1.76	2.93	0.0481	0.000353	4.4	0.0015	0.00915	0.00036	0.00021	0.0000963	0.122	0.0000018	0.000178	0.000617	0.00144	0.00109
2104 Jun	0.000317	0.000909	0.131	0.0000093	1.7	2.95	0.0526	0.000308	4.5	0.00145	0.00895	0.000409	0.000206	0.0000949	0.121	0.00000174	0.000155	0.00067	0.00144	0.000903
2104 Jul	0.000318	0.000929	0.133	0.00000962	1.74	2.99	0.0527	0.000315	4.56	0.00149	0.00919	0.000409	0.000213	0.0000968	0.123	0.00000179	0.00016	0.000677	0.00149	0.000944
2104 Aug	0.000317	0.000944	0.133	0.00000984	1.77	3.02	0.0524	0.000328	4.6	0.00152	0.00932	0.000404	0.000215	0.0000985	0.125	0.00000183	0.000167	0.00067	0.0015	0.000998
2104 Sep	0.000301	0.000928	0.128	0.00000976	1.75	2.95	0.0496	0.00034	4.49	0.00149	0.00916	0.000377	0.000208	0.0000967	0.122	0.00000181	0.000169	0.000632	0.00146	0.00103
2104 Oct	0.000285	0.000913	0.123	0.00000961	1.71	2.85	0.0464	0.000353	4.36	0.00146	0.00904	0.000347	0.000199	0.0000935	0.118	0.00000178	0.00017	0.000593	0.0014	0.00105
2104 Nov	0.000281	0.00091	0.121	0.00000959	1.7	2.83	0.0456	0.000357	4.33	0.00145	0.00903	0.00034	0.000196	0.0000927	0.117	0.00000177	0.00017	0.000583	0.00139	0.00105
2104 Dec	0.00028	0.00091	0.121	0.00000959	1.7	2.83	0.0456	0.000358	4.33	0.00145	0.00902	0.000339	0.000196	0.0000928	0.118	0.00000177	0.000171	0.000583	0.00139	0.00106
2105 Jan	0.00028	0.00091	0.121	0.00000959	1.71	2.84	0.0456	0.000358	4.32	0.00145	0.00902	0.000339	0.000197	0.0000929	0.118	0.00000177	0.000171	0.000583	0.00139	0.00107
2105 Feb	0.00028	0.00091	0.121	0.00000959	1.71	2.84	0.0456	0.000358	4.32	0.00145	0.00902	0.000339	0.000197	0.000093	0.118	0.00000177	0.000171	0.000583	0.00139	0.00107
2105 Mar	0.00028	0.000911	0.121	0.00000959	1.71	2.84	0.0456	0.000358	4.33	0.00145	0.00902	0.000339	0.000197	0.000093	0.118	0.00000177	0.000172	0.000583	0.00139	0.00107
2105 Apr	0.000281	0.000914	0.122	0.00000963	1.71	2.85	0.0458	0.00036	4.34	0.00146	0.00905	0.00034	0.000197	0.0000933	0.118	0.00000178	0.000172	0.000585	0.0014	0.00107
2105 May	0.000312	0.000942	0.131	0.00000968	1.76	3.01	0.0512	0.00035	4.59	0.0015	0.00922	0.000391	0.000203	0.0000975	0.124	0.00000179	0.000169	0.000644	0.00143	0.00104
2105 Jun	0.000339	0.000961	0.138	0.00000967	1.79	3.13	0.0561	0.000332	4.8	0.00152	0.00936	0.000438	0.000207	0.0001	0.128	0.0000018	0.000161	0.000701	0.00147	0.000956
2105 Jul	0.000344	0.000989	0.141	0.00001	1.84	3.21	0.0568	0.000343	4.9	0.00157	0.00963	0.000443	0.000215	0.000103	0.132	0.00000186	0.000169	0.000711	0.00151	0.00102
2105 Aug	0.00032	0.000961	0.134	0.00000993	1.8	3.08	0.0527	0.000349	4.7	0.00153	0.00934	0.000405	0.000206	0.0001	0.127	0.00000184	0.000171	0.000653	0.00145	0.00107
2105 Sep	0.000289	0.000921	0.123	0.00000968	1.74	2.9	0.0471	0.000366	4.43	0.00147	0.00895	0.000352	0.000194	0.000096	0.121	0.00000177	0.000174	0.00058	0.00136	0.00114
2105 Oct	0.00027	0.000901	0.117	0.0000095	1.71	2.81	0.0437	0.000379	4.26	0.00144	0.00877	0.00032	0.000186	0.000093	0.117	0.00000173	0.000178	0.000539	0.0013	0.00119
2105 Nov	0.000263	0.000894	0.115	0.00000943	1.69	2.77	0.0424	0.000383	4.2	0.00142	0.00872	0.000308	0.000183	0.0000916	0.116	0.00000172	0.000178	0.000525	0.00128	0.00119
2105 Dec	0.000263	0.000894	0.115	0.00000943	1.7	2.77	0.0425	0.000384	4.2	0.00143	0.00872	0.000308	0.000183	0.0000918	0.116	0.00000172	0.000179	0.000525	0.00128	0.0012
2106 Jan	0.000263	0.000894	0.115	0.00000943	1.7	2.77	0.0425	0.000384	4.2	0.00143	0.00872	0.000308	0.000183	0.0000918	0.116	0.00000172	0.000179	0.000525	0.00128	0.0012
2106 Feb	0.000263	0.000894	0.115	0.00000943	1.7	2.77	0.0425	0.000384	4.2	0.00143	0.00872	0.000308	0.000183	0.0000918	0.116	0.00000172	0.000179	0.000525	0.00128	0.0012
2106 Mar	0.000263	0.000895	0.115	0.00000944	1.7	2.77	0.0425	0.000384	4.2	0.00143	0.00872	0.000308	0.000183	0.0000918	0.116	0.00000172	0.000179	0.000525	0.00128	0.0012
2106 Apr	0.000265	0.000899	0.115	0.00000948	1.7	2.78	0.0427	0.000386	4.22	0.00143	0.00876	0.00031	0.000184	0.0000922	0.116	0.00000172	0.00018	0.000527	0.00129	0.00121
2106 May	0.000279	0.00092	0.12	0.00000962	1.75	2.88	0.0452	0.000387	4.36	0.00147	0.00892	0.000332	0.000189	0.000095	0.12	0.00000175	0.000182	0.000556	0.00132	0.00122
2106 Jun	0.000297	0.000893	0.124	0.00000931	1.67	2.85	0.0488	0.000328	4.37	0.00142	0.00879	0.000374	0.000195	0.0000926	0.118	0.00000172	0.000158	0.000618	0.00138	0.00101
2106 Jul	0.000293	0.000907	0.125	0.00000966	1.7	2.86	0.0481	0.000331	4.38	0.00146	0.00903	0.000366	0.000204	0.0000937	0.118	0.00000178	0.000162	0.000621	0.00145	0.00105
2106 Aug	0.00028	0.000903	0.122	0.00000975	1.7	2.81	0.0458	0.000339	4.3	0.00145	0.00895	0.000345	0.000201	0.0000934	0.117	0.00000179	0.000167	0.000585	0.00142	0.00112
2106 Sep	0.00026	0.00088	0.115	0.00000963	1.67	2.72	0.0423	0.000356	4.14	0.00143	0.0087	0.00031	0.000193	0.0000915	0.114	0.00000175	0.000173	0.000535	0.00136	0.00119
2106 Oct	0.000252	0.000875	0.112	0.00000959	1.68	2.69	0.0408	0.000368	4.06	0.00142	0.00863	0.000295	0.000191	0.000091	0.113	0.00000174	0.000179	0.000516	0.00133	0.00126
2106 Nov	0.000252	0.000877	0.112	0.00000961	1.68	2.7	0.0409	0.000369	4.07	0.00143	0.00864	0.000295	0.000192	0.0000914	0.113	0.00000174	0.00018	0.000517	0.00133	0.00128
2106 Dec	0.000252	0.000877	0.112	0.00000961	1.68	2.7	0.0409	0.00037	4.07	0.00143	0.00864	0.000295	0.000192	0.0000915	0.113	0.00000174	0.000181	0.000517	0.00133	0.00128
2107 Jan	0.000252	0.000877	0.112	0.00000961	1.68	2.7	0.0409	0.00037	4.07	0.00143	0.00864	0.000295	0.000192	0.0000915	0.114	0.00000174	0.000181	0.000517	0.00133	0.00128
2107 Feb	0.000252	0.000877	0.112	0.00000962	1.69	2.7	0.0409	0.00037	4.07	0.00143	0.00864	0.000295	0.000192	0.0000916	0.114	0.00000174	0.000181	0.000517	0.00133	0.00128
2107 Mar	0.000252	0.000878	0.112	0.00000963	1.69	2.71	0.0409	0.00037	4.07	0.00143	0.00865	0.000295	0.000193	0.0000916	0.114	0.00000174	0.000181	0.000518	0.00133	0.00128
2107 Apr	0.000253	0.00088	0.112	0.00000965	1.69	2.71	0.041	0.000371	4.08	0.00143	0.00867	0.000296	0.000193	0.0000918	0.114	0.00000174	0.000181	0.000519	0.00134	0.00129
2107 May	0.000271	0.000898	0.118	0.00000967	1.71	2.8	0.0442	0.000364	4.24	0.00145	0.0088	0.000326	0.000195	0.0000937	0.117	0.00000176	0.000177	0.000555	0.00136	0.00123
2107 Jun	0.000309	0.00092	0.129	0.0000096	1.72	2.95	0.0509	0.000332	4.53	0.00147	0.00901	0.000392	0.000199	0.0000958	0.121	0.00000177	0.00016	0.000637	0.00142	0.00105
2107 Jul	0.000306	0.000933	0.129	0.00000984	1.74	2.96	0.0503	0.000337	4.54	0.00149	0.00915	0.000387	0.000203	0.0000968	0.122	0.00000181	0.000165	0.000631	0.00144	0.0011
2107 Aug	0.00031	0.00096	0.132	0.0000102	1.8	3.04	0.051	0.000351	4.64	0.00154	0.00939	0.00039	0.000209	0.0001	0.126	0.00000187	0.000173	0.000638	0.00148	0.00118
2107 Sep	0.000303	0.000962	0.13	0.0000102	1.82	3.03	0.0498	0.000366	4.6	0.00154	0.0094	0.000376	0.000209	0.0001	0.126	0.00000187	0.00018	0.000621	0.00146	0.00126
2107 Oct	0.000292	0.00095	0.126	0.0000101	1.8	2.98	0.0478	0.000375	4.5	0.00153	0.00928	0.000357	0.000205	0.0000989	0.124	0.00000184	0.000184	0.000597	0.00143	0.00131

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2107 Nov	0.000289	0.000948	0.125	0.0000101	1.79	2.96	0.0472	0.000378	4.48	0.00152	0.00926	0.000351	0.000204	0.0000983	0.123	0.00000183	0.000184	0.00059	0.00142	0.00131
2107 Dec	0.000289	0.000947	0.125	0.0000101	1.8	2.97	0.0471	0.000379	4.47	0.00152	0.00925	0.000351	0.000204	0.0000985	0.124	0.00000183	0.000185	0.000589	0.00141	0.00133
2108 Jan	0.000289	0.000947	0.125	0.0000101	1.8	2.97	0.0471	0.000379	4.47	0.00152	0.00925	0.000351	0.000205	0.0000986	0.124	0.00000183	0.000186	0.000589	0.00141	0.00133
2108 Feb	0.000289	0.000947	0.125	0.0000101	1.8	2.97	0.0471	0.000379	4.47	0.00152	0.00925	0.000351	0.000205	0.0000986	0.124	0.00000183	0.000186	0.000589	0.00141	0.00133
2108 Mar	0.000289	0.000948	0.125	0.0000101	1.8	2.97	0.0472	0.00038	4.47	0.00153	0.00926	0.000351	0.000205	0.0000987	0.124	0.00000183	0.000186	0.00059	0.00141	0.00133
2108 Apr	0.000292	0.000956	0.126	0.0000102	1.82	3	0.0476	0.000383	4.51	0.00154	0.00933	0.000354	0.000207	0.0000995	0.125	0.00000185	0.000188	0.000595	0.00143	0.00134
2108 May	0.0003	0.000976	0.129	0.0000104	1.85	3.06	0.0489	0.000389	4.61	0.00157	0.00951	0.000363	0.000211	0.000102	0.128	0.00000188	0.000191	0.00061	0.00145	0.00136
2108 Jun	0.000291	0.000935	0.127	0.0000102	1.74	2.89	0.0476	0.000343	4.46	0.0015	0.00942	0.000359	0.000212	0.0000954	0.12	0.00000187	0.000168	0.000624	0.00152	0.00115
2108 Jul	0.000296	0.000965	0.131	0.0000107	1.8	2.97	0.0485	0.000353	4.57	0.00156	0.0098	0.000364	0.000224	0.0000985	0.123	0.00000196	0.000175	0.000645	0.00161	0.0012
2108 Aug	0.000307	0.00101	0.136	0.0000112	1.89	3.11	0.0502	0.000374	4.77	0.00163	0.0102	0.000375	0.000234	0.000104	0.129	0.00000205	0.000187	0.000666	0.00167	0.0013
2108 Sep	0.000302	0.00101	0.134	0.0000112	1.9	3.11	0.0494	0.000384	4.74	0.00164	0.0102	0.000366	0.000234	0.000104	0.129	0.00000205	0.000192	0.000653	0.00166	0.00137
2108 Oct	0.000277	0.00097	0.126	0.0000108	1.8	2.92	0.0446	0.000391	4.5	0.00155	0.00985	0.000324	0.000214	0.0000971	0.122	0.00000196	0.000185	0.000593	0.00155	0.00131
2108 Nov	0.000274	0.000966	0.124	0.0000107	1.79	2.9	0.0439	0.000394	4.47	0.00154	0.00982	0.000318	0.000212	0.0000962	0.121	0.00000195	0.000185	0.000584	0.00154	0.00131
2108 Dec	0.000273	0.000966	0.124	0.0000107	1.8	2.9	0.0439	0.000395	4.47	0.00154	0.00982	0.000318	0.000212	0.0000964	0.121	0.00000195	0.000186	0.000584	0.00153	0.00132
2109 Jan	0.000273	0.000966	0.124	0.0000107	1.8	2.9	0.0439	0.000395	4.47	0.00154	0.00982	0.000318	0.000212	0.0000964	0.121	0.00000195	0.000186	0.000584	0.00153	0.00132
2109 Feb	0.000273	0.000967	0.124	0.0000107	1.8	2.9	0.0439	0.000395	4.47	0.00154	0.00982	0.000318	0.000212	0.0000965	0.121	0.00000195	0.000186	0.000584	0.00153	0.00132
2109 Mar	0.000274	0.000968	0.124	0.0000107	1.8	2.91	0.044	0.000395	4.48	0.00155	0.00983	0.000318	0.000212	0.0000966	0.121	0.00000196	0.000186	0.000585	0.00154	0.00133
2109 Apr	0.000275	0.000973	0.125	0.0000108	1.81	2.92	0.0442	0.000397	4.5	0.00155	0.00988	0.00032	0.000214	0.0000971	0.122	0.00000197	0.000187	0.000588	0.00155	0.00133
2109 May	0.000302	0.000996	0.133	0.0000108	1.84	3.05	0.0489	0.000386	4.72	0.00158	0.01	0.000365	0.000216	0.0000999	0.127	0.00000198	0.000181	0.000639	0.00157	0.00125
2109 Jun	0.000341	0.00102	0.144	0.0000107	1.86	3.22	0.0558	0.000359	5.03	0.0016	0.0102	0.000432	0.000219	0.000103	0.132	0.00000198	0.000168	0.000718	0.00161	0.0011
2109 Jul	0.000338	0.00103	0.144	0.000011	1.9	3.25	0.0554	0.000367	5.03	0.00163	0.0103	0.000427	0.000225	0.000105	0.134	0.00000202	0.000176	0.000713	0.00164	0.0012
2109 Aug	0.000338	0.00106	0.145	0.0000113	1.95	3.3	0.0554	0.00038	5.08	0.00167	0.0105	0.000424	0.000231	0.000108	0.136	0.00000206	0.000185	0.000708	0.00166	0.00131
2109 Sep	0.000322	0.00103	0.139	0.0000111	1.93	3.22	0.0525	0.000391	4.92	0.00165	0.0102	0.000396	0.000225	0.000106	0.133	0.00000202	0.00019	0.00067	0.0016	0.00139
2109 Oct	0.000292	0.00099	0.129	0.0000107	1.84	3.03	0.0471	0.000401	4.63	0.00156	0.00984	0.000347	0.000208	0.0000992	0.126	0.00000193	0.000188	0.000603	0.00149	0.0014
2109 Nov	0.000291	0.000989	0.128	0.0000107	1.84	3.02	0.0468	0.000404	4.62	0.00156	0.00983	0.000344	0.000208	0.0000992	0.126	0.00000193	0.00019	0.000599	0.00148	0.00142
2109 Dec	0.00029	0.000989	0.128	0.0000107	1.84	3.02	0.0468	0.000405	4.61	0.00157	0.00982	0.000344	0.000209	0.0000994	0.126	0.00000192	0.000191	0.000599	0.00148	0.00143
2110 Jan	0.000291	0.000989	0.128	0.0000107	1.84	3.03	0.0468	0.000405	4.61	0.00157	0.00982	0.000344	0.000209	0.0000995	0.126	0.00000193	0.000191	0.000599	0.00148	0.00143
2110 Feb	0.000291	0.00099	0.128	0.0000107	1.84	3.03	0.0468	0.000405	4.61	0.00157	0.00982	0.000344	0.000209	0.0000995	0.126	0.00000193	0.000191	0.000599	0.00148	0.00143
2110 Mar	0.000291	0.00099	0.129	0.0000107	1.85	3.03	0.0468	0.000405	4.62	0.00157	0.00983	0.000344	0.000209	0.0000996	0.126	0.00000193	0.000191	0.000599	0.00148	0.00143
2110 Apr	0.000292	0.000994	0.129	0.0000107	1.85	3.04	0.047	0.000407	4.63	0.00157	0.00986	0.000345	0.00021	0.0000999	0.127	0.00000193	0.000192	0.000602	0.00149	0.00144
2110 May	0.000301	0.001	0.131	0.0000108	1.88	3.1	0.0486	0.000408	4.71	0.0016	0.00992	0.000359	0.000214	0.000102	0.129	0.00000194	0.000195	0.000619	0.0015	0.00147
2110 Jun	0.000323	0.000965	0.135	0.0000102	1.83	3.11	0.0533	0.000352	4.69	0.00155	0.00946	0.000409	0.000217	0.000101	0.128	0.00000184	0.000177	0.000676	0.00149	0.00134
2110 Jul	0.00032	0.000978	0.136	0.0000105	1.84	3.12	0.0528	0.000354	4.71	0.00158	0.00965	0.000404	0.000223	0.000102	0.129	0.00000189	0.00018	0.000678	0.00154	0.00137
2110 Aug	0.000281	0.000926	0.124	0.0000101	1.73	2.85	0.0459	0.000348	4.37	0.00148	0.00913	0.000346	0.000201	0.000095	0.119	0.00000183	0.000172	0.00058	0.00143	0.00133
2110 Sep	0.00025	0.000883	0.113	0.00000975	1.64	2.66	0.0402	0.000364	4.09	0.0014	0.00875	0.000293	0.000183	0.0000886	0.111	0.00000175	0.00017	0.000507	0.00132	0.00134
2110 Oct	0.000226	0.000858	0.105	0.00000945	1.56	2.5	0.0354	0.00038	3.91	0.00133	0.0086	0.00025	0.000165	0.0000823	0.105	0.00000169	0.000166	0.000452	0.00124	0.0013
2110 Nov	0.000221	0.000851	0.103	0.00000938	1.55	2.47	0.0344	0.000383	3.86	0.00131	0.00854	0.000241	0.000162	0.0000812	0.104	0.00000168	0.000166	0.00044	0.00122	0.0013
2110 Dec	0.000221	0.000851	0.103	0.00000938	1.55	2.47	0.0344	0.000384	3.86	0.00131	0.00853	0.000241	0.000163	0.0000814	0.104	0.00000168	0.000167	0.00044	0.00122	0.00132
2111 Jan	0.000221	0.000851	0.103	0.00000938	1.55	2.47	0.0344	0.000384	3.85	0.00131	0.00853	0.000241	0.000163	0.0000815	0.104	0.00000168	0.000167	0.00044	0.00122	0.00132
2111 Feb	0.000221	0.000851	0.103	0.00000938	1.55	2.47	0.0344	0.000384	3.85	0.00132	0.00853	0.000241	0.000163	0.0000815	0.104	0.00000168	0.000168	0.00044	0.00122	0.00132
2111 Mar	0.000221	0.000853	0.103	0.0000094	1.55	2.48	0.0345	0.000385	3.86	0.00132	0.00854	0.000241	0.000163	0.0000816	0.104	0.00000168	0.000168	0.000441	0.00122	0.00132
2111 Apr	0.000223	0.000858	0.104	0.00000946	1.56	2.49	0.0347	0.000387	3.88	0.00133	0.00859	0.000243	0.000164	0.0000822	0.105	0.00000169	0.000169	0.000444	0.00122	0.00133
2111 May	0.000244	0.000885	0.111	0.00000958	1.61	2.61	0.0385	0.000383	4.09	0.00136	0.00881	0.000277	0.000169	0.0000852	0.109	0.00000172	0.000167	0.000487	0.00126	0.00129
2111 Jun	0.000299	0.000912	0.126	0.00000944	1.63	2.84	0.0484	0.000336	4.48	0.00139	0.00901	0.000374	0.000179	0.0000896	0.116	0.00000173	0.000147	0.000607	0.00135	0.00104
2111 Jul	0.000308	0.000949	0.131	0.00000993	1.71	2.95	0.0499	0.00035	4.64	0.00146	0.00941	0.000384	0.00019	0.0000936	0.121	0.00000181	0.000156	0.000629	0.00142	0.00113
2111 Aug	0.000287	0.000927	0.125	0.00000988	1.67	2.83	0.0463	0.000352	4.46	0.00143	0.00916	0.000352	0.000183	0.0000913	0.117	0.0000018	0.000157	0.000578	0.00137	0.00118
2111 Sep	0.000272	0.000909	0.119	0.00000985	1.67	2.77	0.0437	0.000366	4.34	0.00142	0.00896	0.000325	0.000179	0.0000906	0.115	0.00000177	0.000163	0.000541	0.00133	0.00128
2111 Oct	0.000254	0.000885	0.113	0.00000961	1.62	2.66	0.0403	0.000374	4.16	0.00137	0.00874	0.000295	0.00017	0.000087	0.111	0.00000172	0.000164	0.000502	0.00127	0.0013
2111 Nov	0.000242	0.000872	0.109	0.00000948	1.59	2.59	0.0382	0.000381	4.06	0.00134	0.00865	0.000275	0.000164	0.0000845	0.108	0.0000017	0.000163	0.000477	0.00123	0.00131
2111 Dec	0.000242	0.000872	0.109	0.00000949	1.59	2.59	0.0381	0.000382	4.06	0.00134	0.00865	0.000274	0.000164	0.0000846	0.108	0.0000017	0.000164	0.000476	0.00123	0.00132
2112 Jan	0.000242	0.000872	0.109	0.00000949	1.59	2.59	0.0381	0.000382	4.06	0.00134	0.00864	0.000274	0.000164	0.0000847	0.108	0.00000169	0.000165	0.000476	0.00123	0.00132
2112 Feb	0.000242	0.000872	0.109	0.00000949	1.59	2.59	0.0381	0.000382	4.06	0.00135	0.00864	0.000274	0.000165	0.0000847	0.108	0.00000169	0.000165	0.000476	0.00123	0.00133
2112 Mar	0.000242	0.000874	0.109	0.00000951	1.59	2.59	0.0382	0.000383	4.06	0.00135	0.00866	0.000275	0.000165	0.0000849	0.108	0.0000017	0.000165	0.000477	0.00124	0.00133
2112 Apr	0.000244	0.000878	0.11	0.00000956	1.6	2.61	0.0384	0.000385	4.08	0.00136	0.0087	0.000276	0.000166	0.0000854	0.109	0.00000171	0.000166	0.000479	0.00124	0.00134
2112 May	0.000271	0.000906	0.118	0.00000965	1.66	2.77	0.0433	0.000377	4.31	0.0014	0.00889	0.000321	0.000173	0.0000895	0.115	0.00000173	0.000165	0.000535	0.00128	0.00131
2112 Jun	0.000303	0.000877	0.125	0.00000907	1.59	2.8	0.0497	0.000307	4.39	0.00136	0.00861	0.000389	0.000178	0.0000886	0.115	0.00000165	0.000139	0.00062	0.00132	0.00103
2112 Jul	0.000294	0.000875	0.124	0.0000093	1.6	2.76	0.0482	0.000306	4.32	0.00137	0.00869	0.000375	0.000186	0.0000886	0.113	0.00000169	0.000143	0.000614	0.00137	0.00109
2112 Aug	0.000295	0.000895	0.125	0.00000962	1.65	2.83	0.0484	0.000323	4.38	0.00142	0.00885	0.000373	0.000192	0.0000917	0.117	0.00000174	0.000153	0.000613	0.00139	0.00122
2112 Sep	0.000283	0.000883	0.12	0.00000963	1.67	2.8	0.0464	0.000338	4.27	0.00142	0.00867	0.000351	0.000192	0.0000921	0.116	0.00000171	0.000163	0.000583	0.00135	0.00137
2112 Oct	0.000273	0.000873	0.116	0.00000958	1.67	2.76	0.0447	0.000348	4.16	0.00141	0.00854	0.000333	0.000191	0.0000917	0.115	0.00000169	0.00017	0.000561	0.00132	0.00147
2112 Nov	0.000271	0.000871	0.116	0.00000958	1.67	2.77	0.0444	0.000351	4.14	0.00141	0.00851	0.00033	0.000192	0.000092	0.115	0.00000168	0.000173	0.000557	0.00131	0.00152
2112 Dec	0.000271	0.000872	0.116	0.00000959	1.68	2.77	0.0444	0.000352	4.14	0.00142	0.00851	0.00033	0.000192	0.0000921	0.115	0.00000168	0.000173	0.000557	0.00131	0.00152
2113 Jan	0.000271	0.000871	0.116	0.00000959	1.68	2.77	0.0444	0.000352	4.14	0.00142	0.0085	0.00033	0.000193	0.0000922	0.115	0.00000168	0.000174	0.000557	0.00131	0.00153
2113 Feb	0.000271	0.000871	0.116	0.00000959	1.68	2.77	0.0444	0.000352	4.14	0.00142	0.0085	0.00033	0.000193	0.0000922	0.115	0.00000168	0.000174	0.000557	0.00131	0.00153
2113 Mar	0.000272	0.000874	0.116	0.00000962	1.68	2.78	0.0445	0.000353	4.15	0.00142	0.00853	0.000331	0.000193	0.0000925	0.116	0.00000169	0.000174	0.000558	0.00132	0.00154
2113 Apr	0.000273	0.000878	0.117	0.00000967	1.69	2.79	0.0448	0.000355	4.17	0.00143	0.00857	0.000332	0.000194	0.000093	0.116	0.00000169	0.000175	0.000561	0.00132	0.00154
2113 May	0.000294	0.000903	0.123	0.00000978	1.74	2.92	0.0484	0.000352	4.36	0.00147	0.00876	0.000366	0.000199	0.0000962	0.121	0.00000172	0.000175	0.000603	0.00136	0.00152
2113 Jun	0.000326	0.000914	0.132	0.00000957	1.72	3.02	0.0542	0.000316	4.59	0.00146	0.00885	0.000425	0.000201	0.0000971	0.124	0.00000171	0.000157	0.000674	0.0014	0.00129
2113 Jul	0.000328	0.000938	0.134	0.00000991	1.76	3.06	0.0544	0.000324	4.66	0.0015	0.00911	0.000425	0.000207	0.000099	0.126	0.00000177	0.000161	0.000678	0.00144	0.00134
2113 Aug	0.000326	0.000953	0.135	0.0000102	1.8	3.09	0.054	0.000335	4.69	0.00153	0.00923	0.00042	0.00021	0.000101	0.127	0.00000181	0.000169	0.00067	0.00146	0.00144
2113 Sep	0.00031	0.000936	0.129	0.0000101	1.77	3.01	0.0511	0.000346	4.55	0.0015	0.00907	0.000392	0.000204	0.0000987	0.124	0.00000178	0.000172	0.000633	0.00141	0.00149
2113 Oct	0.000277	0.000894	0.119	0.00000967	1.67	2.79	0.0448	0.00036	4.27	0.00141	0.00876	0.000335	0.000184	0.0000909	0.116	0.00000171	0.000167	0.000559	0.00131	0.00145
2113 Nov	0.000269	0.000889	0.116	0.00000962	1.65	2.74	0.0432	0.000366	4.21	0.00139	0.00873	0.000321	0.000179	0.0000892	0.114	0.0000017	0.000167	0.000541	0.00128	0.00145

Appendix C.2-11: J1

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2113 Dec	0.000269	0.000889	0.116	0.00000962	1.65	2.75	0.0433	0.000367	4.21	0.00139	0.00873	0.000321	0.000179	0.0000894	0.114	0.0000017	0.000168	0.000541	0.00128	0.00146
2114 Jan	0.000269	0.000889	0.116	0.00000962	1.65	2.75	0.0433	0.000367	4.21	0.00139	0.00873	0.000321	0.00018	0.0000894	0.114	0.0000017	0.000168	0.000541	0.00128	0.00146
2114 Feb	0.000269	0.000889	0.116	0.00000962	1.65	2.75	0.0433	0.000367	4.21	0.00139	0.00873	0.000321	0.00018	0.0000894	0.114	0.0000017	0.000168	0.000541	0.00128	0.00146
2114 Mar	0.000269	0.00089	0.116	0.00000964	1.65	2.75	0.0433	0.000367	4.22	0.0014	0.00874	0.000321	0.00018	0.0000896	0.114	0.0000017	0.000168	0.000542	0.00129	0.00147
2114 Apr	0.00027	0.000894	0.117	0.00000967	1.66	2.76	0.0435	0.000369	4.23	0.0014	0.00878	0.000323	0.000181	0.0000899	0.115	0.0000017	0.000169	0.000544	0.00129	0.00147
2114 May	0.000296	0.000914	0.124	0.00000968	1.7	2.9	0.0481	0.000358	4.43	0.00143	0.00888	0.000366	0.000186	0.0000934	0.12	0.00000171	0.000166	0.000595	0.00132	0.00144
2114 Jun	0.000331	0.000946	0.135	0.0000098	1.76	3.08	0.0545	0.00034	4.71	0.00149	0.00913	0.000425	0.000197	0.0000982	0.126	0.00000174	0.000161	0.000671	0.00139	0.00137
2114 Jul	0.000342	0.00099	0.14	0.0000104	1.85	3.22	0.0564	0.000358	4.9	0.00156	0.00957	0.000439	0.000209	0.000103	0.132	0.00000184	0.000173	0.000697	0.00146	0.00149
2114 Aug	0.000354	0.00103	0.145	0.0000109	1.95	3.37	0.0584	0.00038	5.08	0.00164	0.00994	0.000452	0.00022	0.000109	0.139	0.00000192	0.000186	0.000719	0.00152	0.00164
2114 Sep	0.000331	0.001	0.137	0.0000107	1.9	3.23	0.0542	0.000389	4.87	0.0016	0.00966	0.000413	0.000211	0.000105	0.134	0.00000187	0.000187	0.000666	0.00145	0.00169
2114 Oct	0.000306	0.000968	0.129	0.0000104	1.84	3.08	0.0498	0.000398	4.63	0.00154	0.00936	0.000372	0.0002	0.0001	0.128	0.00000181	0.000188	0.000613	0.00138	0.00173
2114 Nov	0.000287	0.000942	0.122	0.0000102	1.78	2.96	0.0463	0.000403	4.45	0.00149	0.00914	0.000341	0.000191	0.0000963	0.123	0.00000176	0.000187	0.000572	0.00132	0.00174
2114 Dec	0.000286	0.000941	0.122	0.0000102	1.78	2.95	0.0462	0.000403	4.44	0.00149	0.00913	0.000339	0.000191	0.0000963	0.123	0.00000176	0.000187	0.00057	0.00131	0.00175
2115 Jan	0.000286	0.000941	0.122	0.0000102	1.78	2.95	0.0462	0.000404	4.44	0.00149	0.00912	0.000339	0.000191	0.0000964	0.123	0.00000176	0.000188	0.00057	0.00131	0.00175
2115 Feb	0.000286	0.000941	0.122	0.0000102	1.78	2.95	0.0462	0.000404	4.44	0.00149	0.00912	0.000339	0.000191	0.0000964	0.123	0.00000176	0.000188	0.00057	0.00131	0.00175
2115 Mar	0.000286	0.000941	0.122	0.0000102	1.78	2.96	0.0462	0.000404	4.44	0.00149	0.00913	0.000339	0.000191	0.0000965	0.123	0.00000176	0.000188	0.00057	0.00132	0.00176
2115 Apr	0.000288	0.000946	0.123	0.0000102	1.79	2.97	0.0464	0.000406	4.46	0.0015	0.00917	0.000341	0.000192	0.000097	0.124	0.00000177	0.000189	0.000573	0.00132	0.00177
2115 May	0.000315	0.000968	0.131	0.0000102	1.82	3.1	0.0512	0.00039	4.69	0.00152	0.00934	0.000387	0.000195	0.0000995	0.128	0.00000178	0.000181	0.000628	0.00136	0.00164
2115 Jun	0.000349	0.00101	0.142	0.0000104	1.88	3.29	0.0572	0.000382	5.02	0.00158	0.00973	0.000442	0.000204	0.000104	0.135	0.00000184	0.000177	0.000699	0.00143	0.00155
2115 Jul	0.000357	0.00105	0.147	0.0000109	1.95	3.39	0.0584	0.000395	5.18	0.00164	0.0101	0.000452	0.000211	0.000108	0.139	0.00000192	0.000183	0.000714	0.00149	0.00162
2115 Aug	0.000331	0.00101	0.138	0.0000107	1.87	3.21	0.0539	0.00039	4.95	0.00158	0.00977	0.000413	0.0002	0.000103	0.132	0.00000189	0.000179	0.000654	0.00143	0.0016
2115 Sep	0.000317	0.000997	0.133	0.0000107	1.86	3.15	0.0515	0.000399	4.83	0.00157	0.00958	0.000389	0.000197	0.000102	0.13	0.00000187	0.000183	0.000621	0.0014	0.00169
2115 Oct	0.00031	0.000988	0.131	0.0000107	1.87	3.13	0.0504	0.000405	4.74	0.00156	0.00946	0.000377	0.000197	0.000102	0.13	0.00000185	0.000189	0.000606	0.00138	0.00179
2115 Nov	0.0003	0.000974	0.127	0.0000105	1.84	3.06	0.0485	0.000409	4.64	0.00154	0.00935	0.00036	0.000193	0.0001	0.127	0.00000182	0.000189	0.000585	0.00135	0.0018
2115 Dec	0.000299	0.000974	0.127	0.0000105	1.84	3.06	0.0484	0.00041	4.64	0.00154	0.00935	0.000359	0.000193	0.0001	0.127	0.00000182	0.00019	0.000584	0.00135	0.00181
2116 Jan	0.000299	0.000973	0.127	0.0000105	1.84	3.06	0.0484	0.00041	4.63	0.00154	0.00934	0.000359	0.000193	0.0001	0.127	0.00000182	0.00019	0.000583	0.00134	0.00182
2116 Feb	0.000299	0.000974	0.127	0.0000105	1.84	3.06	0.0484	0.00041	4.63	0.00154	0.00934	0.000359	0.000193	0.0001	0.127	0.00000182	0.00019	0.000583	0.00135	0.00182
2116 Mar	0.000299	0.000975	0.127	0.0000106	1.84	3.06	0.0485	0.00041	4.64	0.00154	0.00935	0.000359	0.000193	0.000101	0.128	0.00000182	0.00019	0.000584	0.00135	0.00182
2116 Apr	0.000301	0.000979	0.128	0.0000106	1.85	3.08	0.0487	0.000412	4.66	0.00155	0.0094	0.000361	0.000194	0.000101	0.128	0.00000183	0.000191	0.000587	0.00135	0.00183
2116 May	0.00032	0.000994	0.133	0.0000106	1.89	3.19	0.0523	0.000404	4.8	0.00158	0.00946	0.000394	0.0002	0.000104	0.132	0.00000183	0.000191	0.000627	0.00137	0.00183
2116 Jun	0.000342	0.000951	0.137	0.00000988	1.78	3.15	0.0566	0.000335	4.79	0.0015	0.00908	0.000444	0.000199	0.0001	0.129	0.00000174	0.000162	0.000688	0.00139	0.00147
2116 Jul	0.000348	0.000981	0.141	0.0000103	1.84	3.22	0.0576	0.000344	4.91	0.00156	0.00946	0.000451	0.00021	0.000103	0.132	0.00000182	0.000168	0.00071	0.00147	0.00154
2116 Aug	0.000354	0.00101	0.144	0.0000108	1.91	3.32	0.0587	0.000362	5.04	0.00161	0.00974	0.000457	0.000217	0.000107	0.136	0.00000189	0.000176	0.000721	0.00151	0.00164
2116 Sep	0.000325	0.000973	0.134	0.0000105	1.83	3.13	0.0533	0.000371	4.78	0.00154	0.00941	0.000408	0.000202	0.000101	0.129	0.00000183	0.000175	0.000655	0.00143	0.00165
2116 Oct	0.000295	0.00094	0.125	0.0000102	1.75	2.95	0.0477	0.000385	4.53	0.00147	0.00917	0.000357	0.000187	0.0000951	0.122	0.00000177	0.000173	0.00059	0.00134	0.00165
2116 Nov	0.000291	0.000938	0.124	0.0000102	1.74	2.93	0.047	0.000389	4.5	0.00147	0.00915	0.00035	0.000186	0.0000947	0.122	0.00000176	0.000175	0.000582	0.00133	0.00167
2116 Dec	0.000291	0.000937	0.124	0.0000102	1.74	2.93	0.047	0.000389	4.49	0.00147	0.00914	0.00035	0.000186	0.0000948	0.122	0.00000176	0.000175	0.000581	0.00133	0.00168
2117 Jan	0.000291	0.000937	0.124	0.0000102	1.74	2.93	0.047	0.000389	4.49	0.00147	0.00914	0.00035	0.000186	0.0000948	0.122	0.00000176	0.000175	0.000581	0.00133	0.00169
2117 Feb	0.000291	0.000937	0.124	0.0000102	1.75	2.93	0.047	0.000389	4.49	0.00147	0.00914	0.00035	0.000186	0.0000948	0.122	0.00000176	0.000175	0.000581	0.00133	0.00169
2117 Mar	0.000291	0.000938	0.124	0.0000102	1.75	2.94	0.047	0.00039	4.5	0.00147	0.00915	0.00035	0.000186	0.0000949	0.122	0.00000176	0.000176	0.000582	0.00133	0.00169
2117 Apr	0.000293	0.000944	0.125	0.0000102	1.76	2.95	0.0473	0.000392	4.52	0.00148	0.00921	0.000352	0.000188	0.0000955	0.123	0.00000177	0.000177	0.000585	0.00134	0.0017
2117 May	0.000313	0.000967	0.131	0.0000103	1.79	3.06	0.0508	0.000386	4.71	0.00151	0.0094	0.000385	0.000191	0.0000981	0.126	0.0000018	0.000173	0.000626	0.00137	0.00164
2117 Jun	0.000346	0.000995	0.141	0.0000103	1.82	3.21	0.0566	0.000364	4.98	0.00154	0.00965	0.000441	0.000198	0.000101	0.131	0.00000183	0.000163	0.000697	0.00144	0.00146
2117 Jul	0.000357	0.00104	0.146	0.0000108	1.89	3.33	0.0583	0.000379	5.17	0.0016	0.0101	0.000454	0.000207	0.000105	0.136	0.00000192	0.000171	0.000718	0.00151	0.00154
2117 Aug	0.000356	0.00105	0.147	0.0000111	1.93	3.36	0.0582	0.000389	5.22	0.00163	0.0102	0.000451	0.000209	0.000107	0.138	0.00000196	0.000175	0.000715	0.00153	0.00161
2117 Sep	0.000351	0.00105	0.146	0.0000112	1.94	3.35	0.0573	0.000398	5.19	0.00164	0.0102	0.000441	0.000209	0.000107	0.138	0.00000196	0.00018	0.000703	0.00152	0.00169
2117 Oct	0.000338	0.00103	0.141	0.000011	1.9	3.27	0.0548	0.000403	5.05	0.0016	0.01	0.000418	0.000204	0.000104	0.135	0.00000193	0.000181	0.000674	0.00148	0.00171
2117 Nov	0.000333	0.00103	0.14	0.000011	1.89	3.24	0.054	0.000404	5.01	0.00159	0.00999	0.000411	0.000201	0.000103	0.134	0.00000192	0.00018	0.000664	0.00146	0.00171
2117 Dec	0.000333	0.00103	0.139	0.000011	1.89	3.24	0.0539	0.000405	5	0.00159	0.00998	0.00041	0.000202	0.000104	0.134	0.00000191	0.000181	0.000663	0.00146	0.00172
2118 Jan	0.000333	0.00103	0.139	0.000011	1.89	3.24	0.0539	0.000405	5	0.00159	0.00998	0.00041	0.000202	0.000104	0.134	0.00000191	0.000181	0.000663	0.00146	0.00173
2118 Feb	0.000333	0.00103	0.139	0.000011	1.89	3.24	0.0539	0.000405	5	0.00159	0.00998	0.00041	0.000202	0.000104	0.134	0.00000191	0.000181	0.000663	0.00146	0.00173
2118 Mar	0.000333	0.00103	0.139	0.000011	1.89	3.24	0.0539	0.000405	5.01	0.00159	0.00999	0.00041	0.000202	0.000104	0.134	0.00000192	0.000181	0.000663	0.00146	0.00173
2118 Apr	0.000337	0.00103	0.141	0.000011	1.9	3.27	0.0546	0.000406	5.05	0.0016	0.01	0.000414	0.000203	0.000104	0.135	0.00000192	0.000182	0.00067	0.00147	0.00173
2118 May	0.000374	0.00105	0.151	0.0000108	1.92	3.42	0.0612	0.000378	5.32	0.00162	0.0101	0.000474	0.000204	0.000106	0.14	0.00000191	0.000168	0.000743	0.00149	0.00152
2118 Jun	0.000391	0.00102	0.154	0.0000101	1.83	3.38	0.0646	0.000324	5.32	0.00155	0.00981	0.000515	0.0002	0.000103	0.137	0.00000184	0.000143	0.000787	0.00149	0.00119
2118 Jul	0.000406	0.00107	0.161	0.0000107	1.92	3.53	0.067	0.00034	5.55	0.00163	0.0103	0.000534	0.000212	0.000108	0.143	0.00000194	0.000151	0.00082	0.00157	0.00127
2118 Aug	0.000383	0.00104	0.154	0.0000107	1.88	3.41	0.0631	0.000347	5.37	0.0016	0.0101	0.000498	0.000205	0.000106	0.139	0.00000192	0.000154	0.000768	0.00153	0.00135
2118 Sep	0.000336	0.000979	0.138	0.0000102	1.76	3.11	0.0547	0.000359	4.93	0.00149	0.00951	0.000423	0.000184	0.0000973	0.127	0.00000182	0.000152	0.000666	0.0014	0.00138
2118 Oct	0.000309	0.000945	0.129	0.00000997	1.7	2.95	0.0496	0.000371	4.67	0.00143	0.00923	0.000376	0.000173	0.0000923	0.121	0.00000176	0.000154	0.000607	0.00133	0.00145
2118 Nov	0.000302	0.000936	0.127	0.00000992	1.68	2.91	0.0484	0.000374	4.6	0.00142	0.00915	0.000365	0.000171	0.0000912	0.12	0.00000174	0.000155	0.000592	0.00131	0.00148
2118 Dec	0.000302	0.000937	0.127	0.00000992	1.68	2.91	0.0484	0.000374	4.6	0.00142	0.00916	0.000365	0.000171	0.0000913	0.12	0.00000174	0.000155	0.000592	0.00131	0.00148
2119 Jan	0.000302	0.000936	0.127	0.00000992	1.68	2.91	0.0484	0.000374	4.6	0.00142	0.00915	0.000365	0.000171	0.0000913	0.12	0.00000174	0.000155	0.000592	0.00131	0.00148
2119 Feb	0.000302	0.000937	0.127	0.00000993	1.68	2.91	0.0484	0.000374	4.6	0.00142	0.00915	0.000364	0.000172	0.0000913	0.12	0.00000174	0.000156	0.000592	0.00131	0.00148
2119 Mar	0.000302	0.000938	0.127	0.00000994	1.69	2.92	0.0485	0.000375	4.61	0.00142	0.00917	0.000365	0.000172	0.0000915	0.12	0.00000175	0.000156	0.000593	0.00131	0.00149
2119 Apr	0.000316	0.000958	0.131	0.00001	1.72	3.01	0.0509	0.000377	4.75	0.00145	0.0093	0.000376	0.000174	0.0000927	0.124	0.00000176	0.000156	0.000618	0.00132	0.00148
2119 May	0.000394	0.00102	0.153	0.00000977	1.81	3.4	0.0647	0.000343	5.36	0.00152	0.00956	0.000463	0.00018	0.0000969	0.137	0.00000176	0.000141	0.00076	0.00136	0.00122
2119 Jun	0.00039	0.000998	0.151	0.00000967	1.78	3.33	0.0642	0.000323	5.27	0.0015	0.00946	0.000468	0.000183	0.0000958	0.134	0.00000175	0.000136	0.000765	0.00138	0.00115
2119 Jul	0.000399	0.00103	0.156	0.0000102	1.85	3.44	0.0657	0.000336	5.42	0.00156	0.00985	0.000478	0.000195	0.0000996	0.139	0.00000183	0.000144	0.00079	0.00146	0.00125
2119 Aug	0.000392	0.00104	0.155	0.0000104	1.87	3.43	0.0645	0.000349	5.43	0.00158	0.00993	0.000465	0.000195	0.000101	0.139	0.00000186	0.000149	0.000771	0.00147	0.00133
2119 Sep	0.000362	0.001	0.145	0.0000102	1.8	3.26	0.0592	0.000358	5.15	0.00152	0.00958	0.000422	0.000184	0.0000965	0.133	0.00000181	0.00015	0.000708	0.0014	0.0014
2119 Oct	0.000338	0.000972	0.137	0.00001	1.75	3.11	0.0549	0.000365	4.93	0.00147	0.00935	0.000386	0.000175	0.0000925	0.127	0.00000176	0.000151	0.000658	0.00134	0.00144
2119 Nov	0.000329	0.00096	0.134	0.00000992	1.72	3.06	0.0532	0.000368	4.84	0.00145	0.00925	0.000372	0.000172	0.0000909	0.125	0.00000174	0.000151	0.000639	0.00131	0.00145
2119 Dec	0.000329	0.00096	0.134	0.00000992	1.72	3.06	0.0532	0.000368	4.84	0.00145	0.00925	0.000372	0.000172	0.000091	0.125	0.00000174	0.000151	0.000639	0.00131	0.00146

Appendix C.2-12: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	50.5	0.0557	0.0697	0.00238	29.3	0.00719	4.85	0.0000382	0.0000382	0.000000332	0.00054	0.000236	0.0109	0.00218	0.000000374	2.29	0.00000251	0.0000641
Operation (2024-2031): Mean	1380	1.57	1.98	0.0678	824	0.211	136	0.000596	0.000596	0.00000708	0.013	0.00547	0.314	0.027	0.0000083	38.3	0.0000579	0.00148
Operation (2024-2031): Max	2820	3.19	4.09	0.14	1700	0.402	274	0.000946	0.000946	0.0000106	0.0202	0.0103	0.634	0.0419	0.0000131	66.4	0.000105	0.00287
Active Closure (2032-2038): Min	49.7	0.0301	0.0357	0.00203	20.7	0.0304	6.6	0.000593	0.000593	0.00000503	0.00306	0.000372	0.0118	0.00822	0.00000507	7.72	0.00000661	0.0000921
Active Closure (2032-2038): Mean	124	0.115	0.141	0.00559	64.1	0.0415	14.6	0.000955	0.000955	0.00000513	0.0037	0.00069	0.0306	0.00932	0.00000523	9.56	0.00000985	0.000179
Active Closure (2032-2038): Max	1020	1.16	1.42	0.0487	590	0.179	111	0.00099	0.00099	0.00000631	0.0118	0.00458	0.257	0.0242	0.00000729	33.3	0.000049	0.00123
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2038)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May	50.5	0.0557	0.0697	0.00238	29.3	0.00719	4.85	0.0000382	0.0000382	0.000000332	0.00054	0.000236	0.0109	0.00218	0.000000374	2.29	0.00000251	0.0000641
2026 Jun	800	0.881	1.13	0.0389	471	0.119	76.7	0.000684	0.000684	0.00000572	0.00963	0.00343	0.179	0.0216	0.0000064	26.5	0.0000428	0.000937
2026 Jul	1720	1.92	2.48	0.0849	1030	0.251	166	0.000764	0.000764	0.00000889	0.0153	0.00671	0.387	0.0316	0.0000104	44.9	0.0000738	0.00182
2026 Aug	2480	2.8	3.6	0.123	1500	0.361	241	0.000589	0.000589	0.0000103	0.0182	0.00928	0.56	0.0392	0.0000125	60.5	0.0000915	0.00256
2026 Sep	2620	2.97	3.8	0.13	1580	0.375	255	0.00044	0.00044	0.00001	0.0191	0.00963	0.59	0.0395	0.0000123	62.2	0.0000989	0.00268
2026 Oct	1250	1.46	1.76	0.0608	741	0.207	122	0.000942	0.000942	0.00000832	0.0153	0.00528	0.281	0.0311	0.00000939	40.6	0.0000574	0.00139
2026 Nov	1160	1.36	1.63	0.0564	687	0.194	113	0.000939	0.000939	0.00000803	0.0147	0.00496	0.261	0.0299	0.00000902	38.7	0.0000541	0.0013
2026 Dec	1160	1.36	1.63	0.0564	687	0.195	113	0.000939	0.000939	0.00000804	0.0147	0.00496	0.261	0.03	0.00000903	38.7	0.0000542	0.0013
2027 Jan	1160	1.36	1.63	0.0564	687	0.195	113	0.000939	0.000939	0.00000804	0.0147	0.00496	0.261	0.03	0.00000903	38.7	0.0000542	0.0013
2027 Feb	1160	1.36	1.63	0.0564	687	0.195	113	0.000939	0.000939	0.00000804	0.0147	0.00496	0.261	0.03	0.00000903	38.7	0.0000542	0.0013
2027 Mar	1160	1.36	1.64	0.0565	688	0.195	113	0.00094	0.00094	0.00000805	0.0147	0.00497	0.262	0.03	0.00000904	38.7	0.0000542	0.0013
2027 Apr	1170	1.37	1.65	0.0569	692	0.196	114	0.000946	0.000946	0.0000081	0.0148	0.005	0.263	0.0302	0.0000091	39	0.0000546	0.00131
2027 May	1170	1.36	1.64	0.0567	691	0.193	114	0.000932	0.000932	0.00000802	0.0146	0.00502	0.262	0.0316	0.00000901	39.9	0.0000547	0.00132
2027 Jun	929	1.03	1.32	0.0454	550	0.137	89.4	0.000659	0.000659	0.00000599	0.0103	0.00385	0.208	0.0221	0.00000679	28.5	0.0000466	0.00105
2027 Jul	1970	2.2	2.85	0.0976	1180	0.29	191	0.000896	0.000896	0.0000103	0.0175	0.00771	0.444	0.0357	0.000012	51.1	0.0000838	0.00208
2027 Aug	2450	2.75	3.55	0.121	1470	0.352	238	0.000474	0.000474	0.00000964	0.0173	0.00904	0.551	0.0371	0.0000118	58.2	0.0000898	0.0025
2027 Sep	1710	1.96	2.46	0.0843	1030	0.258	166	0.000637	0.000637	0.00000822	0.0152	0.00661	0.385	0.0315	0.00000971	45.7	0.0000685	0.0018
2027 Oct	1550	1.77	2.23	0.0763	928	0.229	150	0.000457	0.000457	0.00000685	0.0131	0.00587	0.348	0.0267	0.00000821	39.7	0.0000616	0.00161
2027 Nov	1420	1.63	2.05	0.0702	854	0.213	139	0.000484	0.000484	0.00000662	0.0126	0.00546	0.32	0.0257	0.00000786	37.5	0.0000576	0.00149
2027 Dec	1420	1.63	2.05	0.0701	853	0.213	138	0.000483	0.000483	0.00000661	0.0126	0.00546	0.32	0.0256	0.00000785	37.5	0.0000576	0.00149
2028 Jan	1420	1.63	2.05	0.0701	853	0.213	138	0.000483	0.000483	0.00000661	0.0126	0.00546	0.32	0.0256	0.00000785	37.5	0.0000576	0.00149
2028 Feb	1420	1.63	2.05	0.0701	853	0.213	138	0.000483	0.000483	0.00000661	0.0126	0.00546	0.32	0.0256	0.00000785	37.5	0.0000576	0.00149
2028 Mar	1420	1.63	2.05	0.0702	853	0.213	138	0.000483	0.000483	0.00000661	0.0126	0.00546	0.32	0.0256	0.00000785	37.5	0.0000576	0.00149
2028 Apr	1430	1.63	2.05	0.0702	854	0.213	139	0.000483	0.000483	0.00000662	0.0126	0.00546	0.32	0.0257	0.00000786	37.5	0.0000576	0.00149
2028 May	1430	1.64	2.06	0.0706	859	0.214	139	0.000484	0.000484	0.00000665	0.0126	0.00549	0.322	0.0258	0.0000079	37.7	0.0000579	0.0015
2028 Jun	1080	1.21	1.55	0.0533	646	0.16	105	0.000589	0.000589	0.00000612	0.0109	0.00427	0.244	0.0206	0.00000706	29.2	0.0000503	0.00117
2028 Jul	1380	1.53	1.98	0.0682	825	0.209	134	0.000805	0.000805	0.00000808	0.0132	0.00555	0.311	0.027	0.00000929	37.3	0.0000596	0.00147
2028 Aug	1630	1.83	2.36	0.0809	982	0.239	159	0.000498	0.000498	0.00000733	0.0126	0.0062	0.368	0.0269	0.00000877	40.3	0.0000623	0.00168
2028 Sep	2130	2.42	3.07	0.105	1280	0.311	207	0.000547	0.000547	0.00000903	0.017	0.00799	0.478	0.0351	0.0000109	53.1	0.0000826	0.0022

Appendix C.2-12: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Oct	982	1.14	1.39	0.0479	583	0.158	95.5	0.00063	0.00063	0.000006	0.0111	0.00404	0.221	0.0226	0.00000684	30.3	0.0000436	0.00107
2028 Nov	863	1.01	1.21	0.0419	510	0.144	84	0.000677	0.000677	0.00000587	0.0108	0.00367	0.194	0.0219	0.00000661	28.4	0.00004	0.000961
2028 Dec	863	1.01	1.21	0.0419	511	0.144	84	0.000677	0.000677	0.00000587	0.0108	0.00367	0.194	0.0219	0.00000661	28.4	0.00004	0.000961
2029 Jan	863	1.01	1.21	0.0419	511	0.144	84	0.000677	0.000677	0.00000587	0.0108	0.00367	0.194	0.0219	0.00000661	28.4	0.00004	0.000961
2029 Feb	863	1.01	1.21	0.0419	511	0.144	84	0.000677	0.000677	0.00000587	0.0108	0.00367	0.194	0.0219	0.00000661	28.4	0.00004	0.000961
2029 Mar	863	1.01	1.21	0.0419	511	0.144	84	0.000677	0.000677	0.00000587	0.0108	0.00367	0.194	0.0219	0.00000661	28.4	0.00004	0.000961
2029 Apr	864	1.01	1.22	0.042	511	0.144	84.1	0.000677	0.000677	0.00000587	0.0108	0.00367	0.194	0.0219	0.00000661	28.4	0.00004	0.000961
2029 May	866	1.01	1.22	0.0421	512	0.144	84.3	0.000679	0.000679	0.00000589	0.0108	0.00368	0.195	0.022	0.00000663	28.5	0.0000401	0.000964
2029 Jun	798	0.91	1.12	0.0388	471	0.128	77.2	0.000703	0.000703	0.00000581	0.0102	0.00343	0.18	0.0207	0.00000649	26.3	0.0000405	0.000912
2029 Jul	1220	1.36	1.76	0.0604	731	0.181	118	0.000569	0.000569	0.00000645	0.0107	0.00479	0.275	0.0221	0.00000751	31.5	0.0000507	0.00128
2029 Aug	2330	2.62	3.38	0.115	1400	0.34	226	0.000565	0.000565	0.00000974	0.0171	0.00872	0.525	0.037	0.0000118	57	0.0000858	0.0024
2029 Sep	1740	1.98	2.51	0.086	1050	0.255	169	0.00045	0.00045	0.0000074	0.0139	0.00654	0.391	0.0288	0.00000893	43.6	0.0000673	0.0018
2029 Oct	1400	1.6	2.01	0.0688	837	0.209	136	0.000471	0.000471	0.00000647	0.0123	0.00535	0.314	0.0251	0.00000769	36.7	0.0000564	0.00146
2029 Nov	1320	1.52	1.9	0.065	791	0.199	128	0.000488	0.000488	0.00000633	0.012	0.0051	0.297	0.0245	0.00000748	35.4	0.0000539	0.00139
2029 Dec	1320	1.52	1.9	0.065	791	0.199	128	0.000488	0.000488	0.00000633	0.012	0.0051	0.297	0.0245	0.00000748	35.4	0.0000539	0.00139
2030 Jan	1320	1.52	1.9	0.065	791	0.199	128	0.000488	0.000488	0.00000633	0.012	0.0051	0.297	0.0245	0.00000748	35.4	0.0000539	0.00139
2030 Feb	1320	1.52	1.9	0.065	791	0.199	128	0.000489	0.000489	0.00000633	0.012	0.0051	0.297	0.0245	0.00000748	35.4	0.0000539	0.00139
2030 Mar	1320	1.52	1.9	0.065	791	0.199	129	0.000489	0.000489	0.00000633	0.012	0.0051	0.297	0.0245	0.00000748	35.4	0.0000539	0.00139
2030 Apr	1320	1.52	1.9	0.0651	792	0.199	129	0.000489	0.000489	0.00000633	0.012	0.0051	0.297	0.0245	0.00000749	35.4	0.000054	0.00139
2030 May	1330	1.52	1.91	0.0653	795	0.2	129	0.000491	0.000491	0.00000636	0.0121	0.00513	0.298	0.0246	0.00000752	35.6	0.0000542	0.0014
2030 Jun	979	1.1	1.4	0.0481	582	0.148	94.6	0.000623	0.000623	0.00000598	0.0106	0.00394	0.221	0.02	0.00000682	27.6	0.0000468	0.00107
2030 Jul	1600	1.79	2.31	0.0793	961	0.235	155	0.000572	0.000572	0.0000076	0.013	0.00614	0.36	0.027	0.000009	39.8	0.0000638	0.00166
2030 Aug	2040	2.3	2.96	0.101	1230	0.297	198	0.000488	0.000488	0.00000851	0.0149	0.00764	0.46	0.0322	0.0000103	49.4	0.0000752	0.00209
2030 Sep	2820	3.19	4.09	0.14	1700	0.402	274	0.000451	0.000451	0.0000106	0.0202	0.0103	0.634	0.0419	0.0000131	66.4	0.000105	0.00287
2030 Oct	1630	1.86	2.35	0.0804	978	0.239	158	0.000444	0.000444	0.00000703	0.0135	0.00614	0.366	0.0275	0.00000846	41.3	0.0000644	0.00169
2030 Nov	1440	1.65	2.07	0.0709	863	0.215	140	0.000472	0.000472	0.0000066	0.0126	0.0055	0.323	0.0256	0.00000786	37.7	0.000058	0.0015
2030 Dec	1440	1.65	2.07	0.0709	863	0.215	140	0.000472	0.000472	0.00000661	0.0126	0.0055	0.323	0.0256	0.00000786	37.7	0.000058	0.0015
2031 Jan	1440	1.65	2.07	0.0709	863	0.215	140	0.000472	0.000472	0.00000661	0.0126	0.0055	0.323	0.0256	0.00000786	37.7	0.000058	0.0015
2031 Feb	1440	1.65	2.07	0.0709	863	0.215	140	0.000472	0.000472	0.00000661	0.0126	0.0055	0.323	0.0256	0.00000786	37.7	0.000058	0.0015
2031 Mar	1440	1.65	2.07	0.0709	863	0.215	140	0.000472	0.000472	0.00000661	0.0126	0.0055	0.323	0.0257	0.00000786	37.7	0.000058	0.0015
2031 Apr	1440	1.65	2.07	0.071	864	0.215	140	0.000473	0.000473	0.00000662	0.0126	0.00551	0.324	0.0257	0.00000787	37.7	0.0000581	0.00151
2031 May	1340	1.52	1.91	0.0655	797	0.201	131	0.000511	0.000511	0.00000651	0.0121	0.00529	0.302	0.0278	0.00000768	38.2	0.0000558	0.00144
2031 Jun	955	1.05	1.32	0.0452	552	0.149	99.1	0.000617	0.000617	0.00000603	0.0103	0.0044	0.226	0.0319	0.0000069	37.1	0.0000479	0.0012
2031 Jul	1960	2.15	2.78	0.0948	1150	0.312	211	0.000572	0.000572	0.00000931	0.0165	0.0083	0.488	0.0393	0.0000112	56	0.0000848	0.00227
2031 Aug	2060	2.27	2.93	0.0998	1210	0.333	224	0.000485	0.000485	0.00000928	0.0166	0.00856	0.52	0.0356	0.0000113	55.5	0.0000847	0.00237
2031 Sep	1260	1.41	1.76	0.0603	730	0.214	136	0.000582	0.000582	0.00000703	0.0129	0.00548	0.316	0.0268	0.00000825	38.4	0.000057	0.00149
2031 Oct	1020	1.16	1.43	0.0489	593	0.179	111	0.000603	0.000603	0.00000635	0.0119	0.00458	0.257	0.0242	0.00000734	33.3	0.0000491	0.00123
2031 Nov	1010	1.14	1.4	0.0481	583	0.176	109	0.000596	0.000596	0.00000626	0.0117	0.00451	0.253	0.0238	0.00000723	32.8	0.0000483	0.00121
2031 Dec	1010	1.14	1.4	0.0481	583	0.176	109	0.000596	0.000596	0.00000626	0.0117	0.00451	0.253	0.0238	0.00000723	32.8	0.0000483	0.00121
2032 Jan	1010	1.14	1.4	0.0481	583	0.176	109	0.000596	0.000596	0.00000626	0.0117	0.00451	0.253	0.0238	0.00000723	32.8	0.0000483	0.00121
2032 Feb	1010	1.14	1.4	0.0481	583	0.176	109	0.000596	0.000596	0.00000626	0.0117	0.00451	0.253	0.0238	0.00000723	32.8	0.0000483	0.00121
2032 Mar	1010	1.14	1.4	0.0481	583	0.176	109	0.000596	0.000596	0.00000626	0.0117	0.00451	0.253	0.0238	0.00000723	32.8	0.0000483	0.00121
2032 Apr	1010	1.14	1.4	0.0482	584	0.176	110	0.000597	0.000597	0.00000627	0.0117	0.00451	0.253	0.0238	0.00000724	32.8	0.0000483	0.00121
2032 May	1020	1.16	1.42	0.0487	590	0.179	111	0.000593	0.000593	0.00000631	0.0118	0.00458	0.257	0.0242	0.00000729	33.3	0.000049	0.00123
2032 Jun	268	0.27	0.339	0.0122	144	0.0619	30.3	0.000887	0.000887	0.00000529	0.00517	0.00139	0.0681	0.0121	0.00000554	13.6	0.0000182	0.000403
2032 Jul	170	0.159	0.204	0.00768	88.8	0.0479	19.9	0.000925	0.000925	0.00000516	0.00394	0.000906	0.0432	0.00938	0.00000531	10.2	0.0000126	0.000279
2032 Aug	111	0.0965	0.123	0.00496	55.9	0.0392	13.2	0.000957	0.000957	0.0000051	0.00344	0.000628	0.0273	0.00855	0.00000519	8.73	0.00000937	0.000187
2032 Sep	88.2	0.0717	0.0908	0.00389	43.1	0.0357	10.6	0.00097	0.00097	0.00000508	0.0033	0.000516	0.0212	0.00833	0.00000515	8.26	0.00000816	0.000136
2032 Oct	80.8	0.0637	0.0804	0.00354	38.9	0.0345	9.74	0.000974	0.000974	0.00000507	0.00324	0.000478	0.0192	0.00825	0.00000513	8.11	0.00000777	0.00012
2032 Nov	81.4	0.0643	0.0812	0.00356	39.2	0.0346	9.81	0.000974	0.000974	0.00000507	0.00325	0.000481	0.0194	0.00826	0.00000513	8.12	0.0000078	0.000121
2032 Dec	81.9	0.0649	0.082	0.00359	39.5	0.0347	9.87	0.000973	0.000973	0.00000507	0.00325	0.000483	0.0196	0.00827	0.00000513	8.14	0.00000782	0.000122
2033 Jan	81.9	0.0649	0.082	0.00359	39.5	0.0347	9.87	0.000973	0.000973	0.00000507	0.00325	0.000483	0.0196	0.00827	0.00000513	8.14	0.00000782	0.000122
2033 Feb	82	0.0649	0.082	0.00359	39.5	0.0347	9.87	0.000973	0.000973	0.00000507	0.00325	0.000483	0.0196	0.00827	0.00000513	8.14	0.00000782	0.000122
2033 Mar	82	0.0649	0.082	0.00359	39.5	0.0347	9.87	0.000974	0.000974	0.00000507	0.00325	0.000483	0.0196	0.00827	0.00000513	8.14	0.00000783	0.000122
2033 Apr	82	0.065	0.082	0.00359	39.6	0.0347	9.88	0.000974	0.000974	0.00000507	0.00325	0.000483	0.0196	0.00828	0.00000514	8.14	0.00000783	0.000122
2033 May	83.8	0.0667	0.0839	0.00365	40.4	0.0349	10.1	0.000974	0.000974	0.00000508	0.00329	0.000499	0.02	0.00849	0.00000514	8.33	0.00000799	0.000126
2033 Jun	92.2	0.0752	0.0944	0.004	44.7	0.0362	11.2	0.000965	0.000965	0.00000507	0.00336	0.000554	0.0226	0.00889	0.00000515	8.77	0.00000854	0.000144
2033 Jul	85.5	0.0683	0.0857	0.0037	41	0.0354	10.4	0.00097	0.00097	0.00000508	0.00328	0.000523	0.0208	0.00868	0.00000514	8.51	0.0000082	0.000142
2033 Aug	76.5	0.0588	0.0736	0.0033	36.1	0.0341	9.4	0.000977	0.000977	0.00000508	0.00321	0.00048	0.0183	0.00849	0.00000513	8.24	0.00000772	0.00013
2033 Sep	72	0.0539	0.0673	0.00309	33.6	0.0334	8.91	0.000978	0.000978	0.00000507	0.00319	0.000456	0.0172	0.00841	0.00000512	8.12	0.00000746	0.000116
2033 Oct	72	0.0541	0.0671	0.00308	33.5	0.0334	8.96	0.000976	0.000976	0.00000505	0.00319	0.000456	0.0173	0.00841	0.00000511	8.14	0.00000746	0.000114
2033 Nov	72.3	0.0544	0.0674	0.00309	33.7	0.0335	8.99	0.000976	0.000976	0.00000506	0.0032	0.000457	0.0174	0.00842	0.00000511	8.15	0.00000748	0.000114
2033 Dec	72.3	0.0544	0.0674	0.00309	33.7	0.0335	8.99	0.000976	0.000976	0.00000506	0.0032	0.000457	0.0174	0.00842	0.00000511	8.15	0.00000748	0.000114
2034 Jan	72.3	0.0544	0.0674	0.00309	33.7	0.0335	8.99	0.000976	0.000976	0.00000506	0.0032	0.000457	0.0174	0.00842	0.00000511	8.15	0.00000748	0.000114
2034 Feb	72.3	0.0544	0.0674	0.00309	33.7	0.0335	8.99	0.000976	0.000976	0.00000506	0.0032	0.000457	0.0174	0.00842	0.00000511	8.15	0.00000748	0.000114
2034 Mar	72.3	0.0544	0.0674	0.00309	33.7	0.0335	8.99	0.000976	0.000976	0.00000506	0.0032	0.000457	0.0174	0.00842	0.00000511	8.15	0.00000748	0.000114
2034 Apr	72.3	0.0544	0.0674	0.00309	33.7	0.0335	8.99	0.000976	0.000976	0.00000506	0.0032	0.000457	0.0174	0.00842	0.00000511	8.15	0.00000748	0.000114
2034 May	72.6	0.0547	0.0677	0.0031	33.8	0.0335	9.03	0.000977	0.000977	0.00000506	0.00321	0.00046	0.0175	0.00846	0.00000511	8.18	0.00000751	0.000115

Appendix C.2-12: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Jun	74.2	0.0562	0.0694	0.00315	34.5	0.0338	9.27	0.000974	0.000974	0.00000506	0.00323	0.000477	0.018	0.00863	0.00000511	8.34	0.00000768	0.000121
2034 Jul	72	0.0539	0.0666	0.00306	33.3	0.0336	9.05	0.000976	0.000976	0.00000506	0.0032	0.000468	0.0175	0.00854	0.00000511	8.24	0.00000758	0.000122
2034 Aug	67.4	0.0491	0.0606	0.00286	30.8	0.0329	8.5	0.000981	0.000981	0.00000506	0.00316	0.000445	0.0162	0.00844	0.00000511	8.1	0.00000734	0.000116
2034 Sep	64.9	0.0463	0.057	0.00274	29.4	0.0325	8.23	0.000981	0.000981	0.00000506	0.00315	0.000431	0.0156	0.00839	0.0000051	8.03	0.00000719	0.000108
2034 Oct	64.3	0.0457	0.056	0.00271	29	0.0324	8.18	0.00098	0.00098	0.00000505	0.00315	0.000428	0.0155	0.00837	0.0000051	8.02	0.00000716	0.000106
2034 Nov	64.3	0.0458	0.0561	0.00271	29	0.0324	8.19	0.00098	0.00098	0.00000505	0.00315	0.000428	0.0155	0.00838	0.0000051	8.02	0.00000717	0.000106
2034 Dec	64.3	0.0458	0.0561	0.00271	29	0.0324	8.19	0.00098	0.00098	0.00000505	0.00315	0.000428	0.0155	0.00838	0.0000051	8.02	0.00000717	0.000106
2035 Jan	64.3	0.0458	0.0561	0.00271	29	0.0324	8.19	0.00098	0.00098	0.00000505	0.00315	0.000428	0.0155	0.00838	0.0000051	8.02	0.00000717	0.000106
2035 Feb	64.3	0.0458	0.0561	0.00271	29	0.0324	8.19	0.00098	0.00098	0.00000505	0.00315	0.000428	0.0155	0.00838	0.0000051	8.02	0.00000717	0.000106
2035 Mar	64.3	0.0458	0.0561	0.00271	29	0.0324	8.19	0.00098	0.00098	0.00000505	0.00315	0.000428	0.0155	0.00838	0.0000051	8.02	0.00000717	0.000106
2035 Apr	64.3	0.0458	0.0561	0.00271	29.1	0.0324	8.19	0.00098	0.00098	0.00000505	0.00315	0.000428	0.0155	0.00838	0.0000051	8.02	0.00000717	0.000106
2035 May	64.4	0.0459	0.0562	0.00271	29.1	0.0325	8.2	0.000981	0.000981	0.00000506	0.00315	0.000429	0.0155	0.00839	0.0000051	8.03	0.00000718	0.000106
2035 Jun	65.5	0.0468	0.0573	0.00275	29.5	0.0326	8.39	0.000978	0.000978	0.00000505	0.00318	0.000441	0.016	0.00847	0.0000051	8.12	0.00000733	0.00011
2035 Jul	64.1	0.0453	0.0555	0.00269	28.7	0.0325	8.24	0.000979	0.000979	0.00000505	0.00316	0.000436	0.0156	0.00841	0.0000051	8.05	0.00000727	0.000112
2035 Aug	61.8	0.0429	0.0525	0.00259	27.5	0.0322	7.98	0.000981	0.000981	0.00000505	0.00314	0.000424	0.015	0.00835	0.00000509	7.97	0.00000714	0.000109
2035 Sep	60.4	0.0414	0.0505	0.00252	26.7	0.032	7.85	0.000981	0.000981	0.00000504	0.00313	0.000417	0.0147	0.00832	0.00000509	7.94	0.00000706	0.000104
2035 Oct	59.7	0.0407	0.0494	0.00249	26.3	0.0319	7.77	0.000981	0.000981	0.00000504	0.00313	0.000413	0.0145	0.00831	0.00000508	7.92	0.00000702	0.000102
2035 Nov	60	0.041	0.0498	0.0025	26.4	0.0319	7.82	0.00098	0.00098	0.00000504	0.00313	0.000415	0.0146	0.00832	0.00000508	7.93	0.00000704	0.000102
2035 Dec	60	0.041	0.0498	0.0025	26.4	0.0319	7.82	0.00098	0.00098	0.00000504	0.00313	0.000415	0.0146	0.00832	0.00000508	7.93	0.00000704	0.000102
2036 Jan	60	0.041	0.0498	0.0025	26.4	0.0319	7.82	0.00098	0.00098	0.00000504	0.00313	0.000415	0.0146	0.00832	0.00000508	7.93	0.00000704	0.000102
2036 Feb	60	0.041	0.0498	0.0025	26.4	0.0319	7.82	0.00098	0.00098	0.00000504	0.00313	0.000415	0.0146	0.00832	0.00000508	7.93	0.00000704	0.000102
2036 Mar	60	0.041	0.0498	0.0025	26.4	0.0319	7.82	0.00098	0.00098	0.00000504	0.00313	0.000415	0.0146	0.00832	0.00000508	7.93	0.00000704	0.000102
2036 Apr	60	0.041	0.0498	0.0025	26.5	0.0319	7.82	0.00098	0.00098	0.00000504	0.00313	0.000415	0.0146	0.00832	0.00000508	7.93	0.00000704	0.000102
2036 May	60.1	0.041	0.0498	0.0025	26.5	0.032	7.83	0.000981	0.000981	0.00000504	0.00314	0.000416	0.0147	0.00833	0.00000508	7.94	0.00000705	0.000102
2036 Jun	60.2	0.0411	0.0499	0.0025	26.5	0.032	7.88	0.000979	0.000979	0.00000504	0.00314	0.000419	0.0148	0.00834	0.00000508	7.95	0.00000711	0.000104
2036 Jul	59.1	0.0399	0.0485	0.00245	25.9	0.0319	7.75	0.00098	0.00098	0.00000504	0.00313	0.000415	0.0145	0.0083	0.00000508	7.91	0.00000707	0.000105
2036 Aug	57.2	0.038	0.0461	0.00237	24.9	0.0316	7.52	0.000983	0.000983	0.00000505	0.00311	0.000406	0.0139	0.00826	0.00000508	7.85	0.00000696	0.000103
2036 Sep	55.8	0.0365	0.0441	0.00231	24.1	0.0313	7.35	0.000984	0.000984	0.00000504	0.00311	0.000397	0.0135	0.00823	0.00000508	7.81	0.00000687	0.0000982
2036 Oct	55.2	0.0358	0.0433	0.00228	23.8	0.0313	7.28	0.000983	0.000983	0.00000504	0.0031	0.000394	0.0134	0.00822	0.00000508	7.79	0.00000684	0.0000962
2036 Nov	55.3	0.0359	0.0434	0.00228	23.8	0.0313	7.29	0.000983	0.000983	0.00000504	0.0031	0.000394	0.0134	0.00822	0.00000508	7.79	0.00000684	0.0000963
2036 Dec	55.3	0.0359	0.0434	0.00228	23.8	0.0313	7.3	0.000983	0.000983	0.00000504	0.0031	0.000394	0.0134	0.00822	0.00000508	7.79	0.00000684	0.0000964
2037 Jan	55.3	0.0359	0.0434	0.00228	23.8	0.0313	7.3	0.000983	0.000983	0.00000504	0.0031	0.000394	0.0134	0.00822	0.00000508	7.79	0.00000684	0.0000964
2037 Feb	55.3	0.0359	0.0434	0.00228	23.8	0.0313	7.3	0.000983	0.000983	0.00000504	0.0031	0.000394	0.0134	0.00822	0.00000508	7.79	0.00000684	0.0000964
2037 Mar	55.3	0.0359	0.0434	0.00228	23.8	0.0313	7.3	0.000983	0.000983	0.00000504	0.0031	0.000394	0.0134	0.00822	0.00000508	7.79	0.00000684	0.0000964
2037 Apr	55.3	0.0359	0.0434	0.00228	23.8	0.0313	7.3	0.000983	0.000983	0.00000504	0.0031	0.000394	0.0134	0.00822	0.00000508	7.8	0.00000684	0.0000964
2037 May	55.5	0.0361	0.0435	0.00229	23.9	0.0313	7.32	0.000983	0.000983	0.00000504	0.00311	0.000397	0.0135	0.00827	0.00000508	7.83	0.00000687	0.000097
2037 Jun	55.7	0.0363	0.0436	0.00229	23.9	0.0313	7.38	0.000981	0.000981	0.00000503	0.00311	0.000402	0.0136	0.00832	0.00000507	7.88	0.00000692	0.000099
2037 Jul	54.7	0.0352	0.0423	0.00225	23.4	0.0312	7.25	0.000983	0.000983	0.00000504	0.0031	0.000397	0.0133	0.00828	0.00000507	7.84	0.00000687	0.0000995
2037 Aug	53.4	0.0338	0.0406	0.00219	22.7	0.031	7.08	0.000985	0.000985	0.00000504	0.00309	0.00039	0.0129	0.00825	0.00000508	7.79	0.00000679	0.0000977
2037 Sep	52.2	0.0326	0.0391	0.00214	22.1	0.0308	6.93	0.000986	0.000986	0.00000504	0.00308	0.000383	0.0126	0.00823	0.00000508	7.75	0.00000672	0.0000939
2037 Oct	51.6	0.032	0.0383	0.00211	21.8	0.0307	6.86	0.000986	0.000986	0.00000504	0.00308	0.000379	0.0124	0.00822	0.00000507	7.74	0.00000668	0.0000921
2037 Nov	51.7	0.032	0.0383	0.00211	21.8	0.0307	6.86	0.000986	0.000986	0.00000504	0.00308	0.000379	0.0124	0.00822	0.00000507	7.74	0.00000668	0.0000921
2037 Dec	51.7	0.032	0.0383	0.00211	21.8	0.0307	6.86	0.000986	0.000986	0.00000504	0.00308	0.000379	0.0124	0.00822	0.00000507	7.74	0.00000668	0.0000921
2038 Jan	51.7	0.032	0.0383	0.00211	21.8	0.0307	6.86	0.000986	0.000986	0.00000504	0.00308	0.000379	0.0124	0.00822	0.00000507	7.74	0.00000668	0.0000921
2038 Feb	51.7	0.032	0.0383	0.00211	21.8	0.0307	6.86	0.000986	0.000986	0.00000504	0.00308	0.000379	0.0124	0.00822	0.00000507	7.74	0.00000668	0.0000921
2038 Mar	51.7	0.032	0.0383	0.00211	21.8	0.0307	6.86	0.000986	0.000986	0.00000504	0.00308	0.000379	0.0124	0.00822	0.00000507	7.74	0.00000668	0.0000921
2038 Apr	51.7	0.032	0.0383	0.00211	21.8	0.0307	6.86	0.000986	0.000986	0.00000504	0.00308	0.000379	0.0124	0.00822	0.00000507	7.74	0.00000668	0.0000921
2038 May	51.7	0.0321	0.0384	0.00211	21.8	0.0307	6.87	0.000986	0.000986	0.00000504	0.00308	0.00038	0.0124	0.00823	0.00000507	7.75	0.00000669	0.0000923
2038 Jun	51.5	0.0319	0.038	0.0021	21.7	0.0306	6.84	0.000985	0.000985	0.00000504	0.00308	0.000382	0.0123	0.00828	0.00000507	7.78	0.00000671	0.0000932
2038 Jul	50.7	0.0311	0.037	0.00207	21.2	0.0305	6.73	0.000988	0.000988	0.00000504	0.00307	0.000378	0.0121	0.00825	0.00000507	7.75	0.00000667	0.0000937
2038 Aug	49.8	0.0302	0.0359	0.00203	20.8	0.0304	6.61	0.00099	0.00099	0.00000505	0.00306	0.000373	0.0118	0.00823	0.00000508	7.72	0.00000662	0.0000927
2038 Sep	49.7	0.0301	0.0357	0.00203	20.7	0.0304	6.6	0.00099	0.00099	0.00000505	0.00307	0.000372	0.0118	0.00823	0.00000508	7.72	0.00000661	0.0000923
2038 Oct	49.7	0.0301	0.0357	0.00203	20.7	0.0304	6.6	0.00099	0.00099	0.00000505	0.00307	0.000373	0.0118	0.00823	0.00000508	7.72	0.00000662	0.0000923
2038 Nov	49.7	0.0301	0.0357	0.00203	20.7	0.0304	6.6	0.00099	0.00099	0.00000505	0.00307	0.000373	0.0118	0.00823	0.00000508	7.72	0.00000662	0.0000923
2038 Dec	49.7	0.0301	0.0357	0.00203	20.7	0.0304	6.6	0.00099	0.00099	0.00000505	0.00307	0.000373	0.0118	0.00823	0.00000508	7.72	0.00000662	0.0000923

Appendix C.2-12: WN01

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.0000381	0.000164	0.00916	0.00000123	0.508	0.719	0.00846	0.000115	11.9	0.000624	0.000545	0.0000265	0.0000862	0.0000352	0.0252	0.000000116	0.00012	0.0000842	0.000125	0.000187
Operation (2024-2031): Mean	0.000467	0.00392	0.0656	0.0000305	13.1	16.8	0.131	0.00341	335	0.0167	0.00951	0.0000582	0.00228	0.000904	0.576	0.00000234	0.00344	0.00115	0.00234	0.00545
Operation (2024-2031): Max	0.000839	0.00729	0.118	0.0000546	25.9	32.9	0.257	0.00661	690	0.0334	0.0135	0.00041	0.00461	0.00181	1.12	0.00000342	0.00697	0.00211	0.00381	0.0111
Active Closure (2032-2038): Min	0.0000961	0.000833	0.0154	0.00000151	1.18	1.5	0.00696	0.000155	9.35	0.000871	0.00451	0.0000293	0.0000802	0.0000623	0.0442	0.000002	0.0001	0.000103	0.00086	0.000135
Active Closure (2032-2038): Mean	0.000118	0.00102	0.0197	0.00000335	1.91	2.44	0.0145	0.000361	27	0.00186	0.00484	0.0000466	0.000217	0.000114	0.0771	0.00000201	0.000309	0.000167	0.000947	0.000466
Active Closure (2032-2038): Max	0.000395	0.00333	0.0644	0.0000259	10.8	13.9	0.107	0.00288	241	0.0137	0.00931	0.0000841	0.00185	0.000739	0.479	0.00000212	0.00281	0.000944	0.00197	0.00444
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2038)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May	0.0000381	0.000164	0.00916	0.00000123	0.508	0.719	0.00846	0.000115	11.9	0.000624	0.000545	0.0000373	0.0000862	0.0000352	0.0252	0.000000116	0.00012	0.0000842	0.000125	0.000187
2026 Jun	0.000364	0.00239	0.0834	0.0000206	7.75	10.1	0.0936	0.00183	191	0.00985	0.00823	0.000207	0.00142	0.000534	0.351	0.00000201	0.00194	0.00102	0.0023	0.00306
2026 Jul	0.000578	0.00471	0.0844	0.0000379	16.1	20.6	0.168	0.00396	418	0.0207	0.0108	0.000148	0.00292	0.00112	0.703	0.00000294	0.00423	0.00156	0.00335	0.00673
2026 Aug	0.000751	0.00652	0.0604	0.00005	23	29.2	0.228	0.00586	608	0.0296	0.0106	0.0000586	0.00406	0.00161	0.997	0.00000324	0.00614	0.00185	0.00354	0.0098
2026 Sep	0.000785	0.00681	0.0557	0.000051	24.1	30.7	0.239	0.00618	642	0.0311	0.0105	0.0000509	0.00429	0.00169	1.04	0.00000305	0.00649	0.00198	0.00353	0.0104
2026 Oct	0.000461	0.00389	0.0964	0.000031	12	15.6	0.118	0.00329	300	0.0151	0.0135	0.0000376	0.002	0.000809	0.539	0.00000289	0.00307	0.00107	0.00245	0.00479
2026 Nov	0.000435	0.00367	0.0955	0.0000294	11.2	14.5	0.11	0.00309	278	0.0141	0.0133	0.0000361	0.00185	0.000752	0.504	0.00000281	0.00285	0.001	0.00234	0.00444
2026 Dec	0.000436	0.00367	0.0956	0.0000294	11.2	14.5	0.11	0.00309	278	0.0141	0.0133	0.0000361	0.00185	0.000752	0.504	0.00000281	0.00285	0.001	0.00234	0.00444
2027 Jan	0.000436	0.00367	0.0956	0.0000294	11.2	14.5	0.11	0.00309	278	0.0141	0.0133	0.0000361	0.00185	0.000752	0.504	0.00000281	0.00285	0.001	0.00234	0.00444
2027 Feb	0.000436	0.00367	0.0956	0.0000294	11.2	14.5	0.11	0.00309	278	0.0141	0.0133	0.0000361	0.00185	0.000752	0.504	0.00000281	0.00285	0.001	0.00234	0.00444
2027 Mar	0.000436	0.00368	0.0957	0.0000294	11.2	14.6	0.11	0.00309	279	0.0141	0.0133	0.0000362	0.00185	0.000753	0.505	0.00000281	0.00285	0.001	0.00235	0.00444
2027 Apr	0.000439	0.0037	0.0963	0.0000296	11.3	14.7	0.111	0.00311	281	0.0142	0.0134	0.0000364	0.00187	0.000758	0.508	0.00000283	0.00287	0.00101	0.00236	0.00447
2027 May	0.000471	0.0037	0.104	0.0000294	11.3	14.8	0.117	0.00307	280	0.0142	0.0132	0.0000997	0.00187	0.000761	0.513	0.0000028	0.00286	0.00108	0.00239	0.00446
2027 Jun	0.00038	0.0027	0.0772	0.0000227	8.88	11.5	0.101	0.00215	223	0.0113	0.00833	0.000171	0.00162	0.000614	0.397	0.00000207	0.00227	0.00106	0.00236	0.00358
2027 Jul	0.000648	0.00543	0.0944	0.0000438	18.5	23.5	0.189	0.00457	481	0.0238	0.0125	0.000143	0.00334	0.00129	0.806	0.00000342	0.00487	0.00174	0.00381	0.00774
2027 Aug	0.00073	0.00634	0.0517	0.0000482	22.5	28.6	0.224	0.00573	599	0.0291	0.0095	0.0000558	0.00401	0.00158	0.976	0.00000298	0.00605	0.00182	0.00338	0.00966
2027 Sep	0.000551	0.00473	0.0675	0.0000365	16	20.5	0.158	0.00419	416	0.0204	0.0106	0.0000391	0.00278	0.0011	0.701	0.00000268	0.00422	0.00134	0.00267	0.00669
2027 Oct	0.000488	0.0042	0.053	0.0000319	14.4	18.4	0.142	0.00374	377	0.0184	0.00866	0.0000337	0.00252	0.000995	0.627	0.00000219	0.00382	0.00121	0.00229	0.00607
2027 Nov	0.000457	0.00393	0.0546	0.0000299	13.3	17	0.131	0.00348	347	0.017	0.00869	0.0000322	0.00231	0.000917	0.582	0.00000214	0.00352	0.00112	0.00217	0.00558
2027 Dec	0.000456	0.00392	0.0546	0.0000299	13.3	17	0.131	0.00347	346	0.017	0.00868	0.0000321	0.00231	0.000917	0.581	0.00000214	0.00351	0.00112	0.00217	0.00557
2028 Jan	0.000456	0.00392	0.0546	0.0000299	13.3	17	0.131	0.00347	346	0.017	0.00868	0.0000321	0.00231	0.000917	0.581	0.00000214	0.00351	0.00112	0.00217	0.00557
2028 Feb	0.000456	0.00392	0.0546	0.0000299	13.3	17	0.131	0.00347	347	0.017	0.00868	0.0000321	0.00231	0.000917	0.581	0.00000214	0.00351	0.00112	0.00217	0.00557
2028 Mar	0.000456	0.00392	0.0546	0.0000299	13.3	17	0.131	0.00347	347	0.017	0.00868	0.0000321	0.00231	0.000917	0.581	0.00000214	0.00351	0.00112	0.00217	0.00557
2028 Apr	0.000457	0.00393	0.0546	0.0000299	13.3	17	0.131	0.00348	347	0.017	0.00869	0.0000322	0.00231	0.000918	0.582	0.00000214	0.00352	0.00112	0.00217	0.00558
2028 May	0.000459	0.00395	0.0548	0.0000301	13.3	17.1	0.132	0.0035	349	0.0171	0.00872	0.0000324	0.00233	0.000923	0.585	0.00000215	0.00354	0.00113	0.00218	0.00561
2028 Jun	0.000362	0.00302	0.0576	0.0000249	10.2	13	0.104	0.00254	262	0.0131	0.00803	0.0000672	0.00185	0.000704	0.445	0.00000206	0.00266	0.00103	0.00233	0.00422
2028 Jul	0.000462	0.00393	0.0804	0.0000323	13	16.6	0.132	0.00322	335	0.0167	0.0103	0.000103	0.00234	0.000902	0.569	0.00000274	0.0034	0.00122	0.00288	0.00539
2028 Aug	0.000504	0.00437	0.0528	0.0000339	15.2	19.3	0.152	0.00382	399	0.0195	0.00803	0.0000636	0.0027	0.00106	0.658	0.00000235	0.00404	0.00126	0.00255	0.00644
2028 Sep	0.000658	0.00568	0.0631	0.0000431	19.7	25.1	0.195	0.00508	519	0.0253	0.0106	0.0000485	0.00347	0.00137	0.857	0.00000285	0.00525	0.00164	0.00308	0.00836

Appendix C.2-12: WN01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Oct	0.000349	0.00296	0.0655	0.0000233	9.34	12.1	0.0919	0.00253	237	0.0118	0.00937	0.0000276	0.00158	0.000634	0.417	0.00000206	0.00241	0.00082	0.00181	0.00378
2028 Nov	0.000321	0.00271	0.0691	0.0000216	8.29	10.8	0.0814	0.00229	207	0.0104	0.00964	0.0000265	0.00138	0.000558	0.373	0.00000205	0.00212	0.000741	0.00172	0.0033
2028 Dec	0.000321	0.00271	0.0691	0.0000216	8.29	10.8	0.0814	0.00229	207	0.0104	0.00964	0.0000265	0.00138	0.000559	0.373	0.00000205	0.00212	0.000741	0.00172	0.0033
2029 Jan	0.000321	0.00271	0.0691	0.0000216	8.29	10.8	0.0814	0.00229	207	0.0104	0.00964	0.0000265	0.00138	0.000559	0.373	0.00000205	0.00212	0.000741	0.00172	0.0033
2029 Feb	0.000321	0.00271	0.0691	0.0000216	8.29	10.8	0.0814	0.00229	207	0.0104	0.00964	0.0000265	0.00138	0.000559	0.373	0.00000205	0.00212	0.000741	0.00172	0.0033
2029 Mar	0.000321	0.00271	0.0691	0.0000216	8.29	10.8	0.0814	0.00229	207	0.0104	0.00964	0.0000265	0.00138	0.000559	0.373	0.00000205	0.00212	0.000741	0.00172	0.0033
2029 Apr	0.000321	0.00271	0.0691	0.0000216	8.29	10.8	0.0814	0.00229	207	0.0105	0.00964	0.0000265	0.00138	0.000559	0.373	0.00000205	0.00212	0.000741	0.00172	0.0033
2029 May	0.000323	0.00272	0.0694	0.0000217	8.32	10.8	0.0817	0.00229	208	0.0105	0.00967	0.0000274	0.00138	0.000561	0.375	0.00000205	0.00212	0.000744	0.00172	0.00331
2029 Jun	0.000317	0.00248	0.0729	0.0000208	7.71	10	0.0812	0.002	191	0.00976	0.00906	0.0000848	0.00134	0.000523	0.347	0.00000205	0.00195	0.000829	0.00199	0.00305
2029 Jul	0.000396	0.00338	0.0586	0.0000272	11.4	14.5	0.116	0.00283	297	0.0147	0.00783	0.0000786	0.00205	0.000795	0.498	0.00000214	0.00301	0.00104	0.00231	0.00478
2029 Aug	0.000705	0.00612	0.0572	0.000047	21.6	27.4	0.214	0.0055	570	0.0278	0.01	0.0000537	0.00381	0.00151	0.936	0.00000306	0.00576	0.00173	0.00333	0.00919
2029 Sep	0.000538	0.00465	0.0507	0.0000353	16.1	20.6	0.16	0.00417	425	0.0207	0.00864	0.0000363	0.00283	0.00112	0.702	0.00000234	0.0043	0.00133	0.00251	0.00684
2029 Oct	0.000447	0.00385	0.0532	0.0000293	13	16.7	0.129	0.00341	340	0.0167	0.00847	0.0000315	0.00227	0.000899	0.57	0.00000209	0.00345	0.0011	0.00213	0.00547
2029 Nov	0.000428	0.00367	0.0544	0.0000281	12.3	15.8	0.122	0.00324	321	0.0158	0.00851	0.0000305	0.00214	0.000851	0.541	0.00000206	0.00326	0.00105	0.00206	0.00516
2029 Dec	0.000428	0.00367	0.0544	0.0000281	12.3	15.8	0.122	0.00324	321	0.0158	0.00851	0.0000305	0.00214	0.000851	0.541	0.00000206	0.00326	0.00105	0.00206	0.00516
2030 Jan	0.000428	0.00367	0.0544	0.0000281	12.3	15.8	0.122	0.00324	321	0.0158	0.00851	0.0000305	0.00214	0.000851	0.541	0.00000206	0.00326	0.00105	0.00206	0.00516
2030 Feb	0.000428	0.00367	0.0544	0.0000281	12.3	15.8	0.122	0.00324	321	0.0158	0.00851	0.0000305	0.00214	0.000851	0.541	0.00000206	0.00326	0.00105	0.00206	0.00516
2030 Mar	0.000428	0.00367	0.0544	0.0000281	12.3	15.8	0.122	0.00324	321	0.0158	0.00851	0.0000306	0.00214	0.000851	0.541	0.00000206	0.00326	0.00105	0.00206	0.00516
2030 Apr	0.000428	0.00368	0.0544	0.0000281	12.3	15.8	0.122	0.00324	321	0.0158	0.00851	0.0000306	0.00214	0.000851	0.542	0.00000206	0.00326	0.00105	0.00206	0.00517
2030 May	0.00043	0.00369	0.0547	0.0000283	12.4	15.9	0.122	0.00326	323	0.0158	0.00855	0.0000307	0.00215	0.000855	0.544	0.00000207	0.00327	0.00105	0.00207	0.00519
2030 Jun	0.000336	0.0028	0.0601	0.0000233	9.26	11.8	0.0946	0.00233	237	0.0119	0.00822	0.0000636	0.00167	0.000638	0.407	0.00000204	0.00241	0.000951	0.00223	0.0038
2030 Jul	0.000503	0.00433	0.0618	0.0000341	14.9	18.9	0.15	0.00372	391	0.0192	0.00877	0.000082	0.00267	0.00104	0.647	0.00000247	0.00395	0.0013	0.00271	0.0063
2030 Aug	0.000617	0.00537	0.0522	0.0000411	18.9	24	0.188	0.00479	500	0.0243	0.00876	0.0000569	0.00334	0.00132	0.818	0.00000267	0.00505	0.00152	0.00292	0.00806
2030 Sep	0.000839	0.00729	0.0566	0.0000546	25.9	32.9	0.257	0.00661	690	0.0334	0.0108	0.0000555	0.00461	0.00181	1.12	0.00000324	0.00697	0.00211	0.00377	0.0111
2030 Oct	0.000509	0.00439	0.0522	0.0000332	15.1	19.3	0.149	0.00392	397	0.0194	0.00868	0.0000348	0.00265	0.00105	0.658	0.00000223	0.00402	0.00126	0.00237	0.0064
2030 Nov	0.000459	0.00395	0.0536	0.0000301	13.4	17.1	0.132	0.0035	350	0.0172	0.00859	0.0000322	0.00234	0.000926	0.586	0.00000213	0.00355	0.00113	0.00218	0.00564
2030 Dec	0.000459	0.00395	0.0537	0.0000301	13.4	17.1	0.132	0.0035	350	0.0172	0.00859	0.0000322	0.00234	0.000926	0.586	0.00000213	0.00355	0.00113	0.00218	0.00564
2031 Jan	0.000459	0.00395	0.0537	0.0000301	13.4	17.1	0.132	0.0035	350	0.0172	0.00859	0.0000322	0.00234	0.000926	0.586	0.00000213	0.00355	0.00113	0.00218	0.00564
2031 Feb	0.000459	0.00395	0.0537	0.0000301	13.4	17.1	0.132	0.0035	350	0.0172	0.00859	0.0000322	0.00234	0.000926	0.586	0.00000213	0.00355	0.00113	0.00218	0.00564
2031 Mar	0.000459	0.00395	0.0537	0.0000301	13.4	17.2	0.132	0.00351	350	0.0172	0.00859	0.0000322	0.00234	0.000927	0.586	0.00000213	0.00355	0.00113	0.00218	0.00564
2031 Apr	0.00046	0.00396	0.0537	0.0000301	13.4	17.2	0.133	0.00351	351	0.0172	0.0086	0.0000323	0.00234	0.000928	0.587	0.00000213	0.00356	0.00113	0.00218	0.00565
2031 May	0.000494	0.00378	0.0715	0.0000288	12.7	16.4	0.135	0.00327	324	0.0162	0.00882	0.000133	0.0022	0.000876	0.563	0.00000212	0.00332	0.00119	0.00219	0.00526
2031 Jun	0.000559	0.00309	0.118	0.0000238	9.98	13.5	0.135	0.00239	225	0.0125	0.009	0.00041	0.00174	0.000691	0.467	0.00000206	0.00248	0.00131	0.00223	0.00391
2031 Jul	0.000757	0.00584	0.0904	0.0000443	20.3	26.1	0.218	0.00503	469	0.026	0.0105	0.000236	0.00361	0.00142	0.891	0.00000294	0.00537	0.00187	0.00337	0.00857
2031 Aug	0.000692	0.00601	0.0511	0.0000458	21.3	27.1	0.212	0.00543	494	0.0274	0.00927	0.0000515	0.00377	0.00149	0.923	0.00000288	0.0057	0.00171	0.00322	0.00911
2031 Sep	0.000459	0.00393	0.0611	0.0000305	13.1	16.8	0.13	0.00346	298	0.0168	0.00942	0.0000332	0.00227	0.000906	0.578	0.00000231	0.00346	0.00111	0.00225	0.00547
2031 Oct	0.000391	0.00334	0.064	0.000026	10.8	13.9	0.106	0.00289	242	0.0137	0.00942	0.0000297	0.00184	0.000738	0.478	0.00000214	0.00281	0.000934	0.00197	0.00443
2031 Nov	0.000385	0.00328	0.0632	0.0000256	10.6	13.7	0.105	0.00284	238	0.0135	0.0093	0.0000293	0.00181	0.000725	0.471	0.00000211	0.00277	0.000919	0.00194	0.00436
2031 Dec	0.000385	0.00328	0.0632	0.0000256	10.6	13.7	0.105	0.00284	238	0.0135	0.0093	0.0000293	0.00181	0.000726	0.471	0.00000211	0.00277	0.000919	0.00194	0.00436
2032 Jan	0.000385	0.00328	0.0632	0.0000256	10.6	13.7	0.105	0.00284	238	0.0135	0.0093	0.0000293	0.00181	0.000726	0.471	0.00000211	0.00277	0.000919	0.00194	0.00436
2032 Feb	0.000385	0.00328	0.0632	0.0000256	10.6	13.7	0.105	0.00284	238	0.0135	0.0093	0.0000293	0.00181	0.000726	0.471	0.00000211	0.00277	0.000919	0.00194	0.00436
2032 Mar	0.000385	0.00328	0.0632	0.0000256	10.6	13.7	0.105	0.00284	238	0.0135	0.0093	0.0000293	0.00181	0.000726	0.471	0.00000211	0.00277	0.000919	0.00194	0.00436
2032 Apr	0.000386	0.00329	0.0633	0.0000256	10.6	13.7	0.105	0.00285	238	0.0135	0.00931	0.0000293	0.00181	0.000726	0.471	0.00000211	0.00277	0.00092	0.00194	0.00436
2032 May	0.000395	0.00333	0.0644	0.0000259	10.8	13.9	0.107	0.00288	241	0.0137	0.00931	0.0000387	0.00185	0.000739	0.479	0.00000212	0.00281	0.000944	0.00197	0.00444
2032 Jun	0.000162	0.00141	0.0361	0.00000789	3.36	4.35	0.0336	0.000748	59.6	0.00395	0.00581	0.0000841	0.000521	0.000221	0.144	0.00000201	0.000728	0.000378	0.00128	0.00113
2032 Jul	0.000112	0.00116	0.0224	0.00000478	2.36	3.01	0.02	0.000476	37.1	0.00263	0.00493	0.0000581	0.000327	0.000151	0.0959	0.000002	0.000456	0.000237	0.00106	0.000703
2032 Aug	0.0000991	0.000992	0.0182	0.00000306	1.75	2.22	0.0129	0.000313	23.7	0.00174	0.00461	0.0000463	0.000201	0.000106	0.0686	0.000002	0.000276	0.000161	0.00095	0.000417
2032 Sep	0.0001	0.000914	0.016	0.00000235	1.52	1.93	0.01	0.000249	18.5	0.00137	0.00451	0.0000399	0.000151	0.0000881	0.0588	0.000002	0.000205	0.00013	0.000908	0.000304
2032 Oct	0.0001	0.000895	0.0154	0.00000212	1.46	1.83	0.00907	0.000228	16.8	0.00125	0.00452	0.0000403	0.000135	0.0000823	0.0557	0.000002	0.000182	0.000119	0.000894	0.000267
2032 Nov	0.0001	0.000896	0.0155	0.00000213	1.46	1.84	0.00914	0.00023	16.9	0.00125	0.00453	0.0000403	0.000137	0.0000827	0.056	0.000002	0.000184	0.00012	0.000895	0.00027
2032 Dec	0.0001	0.000898	0.0155	0.00000215	1.47	1.85	0.0092	0.000232	17.1	0.00126	0.00453	0.0000403	0.000138	0.0000831	0.0562	0.000002	0.000186	0.000121	0.000896	0.000273
2033 Jan	0.0001	0.000898	0.0155	0.00000215	1.47	1.85	0.0092	0.000232	17.1	0.00126	0.00453	0.0000403	0.000138	0.0000831	0.0562	0.000002	0.000186	0.000121	0.000896	0.000273
2033 Feb	0.0001	0.000898	0.0155	0.00000215	1.47	1.85	0.0092	0.000232	17.1	0.00126	0.00453	0.0000403	0.000138	0.0000831	0.0562	0.000002	0.000186	0.000121	0.000896	0.000273
2033 Mar	0.0001	0.000898	0.0155	0.00000215	1.47	1.85	0.0092	0.000232	17.1	0.00126	0.00453	0.0000403	0.000138	0.0000831	0.0562	0.000002	0.000186	0.000121	0.000896	0.000273
2033 Apr	0.0001	0.000898	0.0155	0.00000215	1.47	1.85	0.0092	0.000232	17.1	0.00126	0.00453	0.0000403	0.000138	0.0000832	0.0562	0.00000201	0.000186	0.000121	0.000896	0.000273
2033 May	0.000104	0.000906	0.0167	0.00000224	1.49	1.89	0.00999	0.000237	17.4	0.00129	0.00457	0.0000456	0.000142	0.0000849	0.0579	0.00000201	0.000191	0.000129	0.000904	0.000281
2033 Jun	0.000111	0.000935	0.0189	0.00000254	1.6	2.05	0.0121	0.000264	19.1	0.00144	0.00464	0.0000551	0.000163	0.0000929	0.0634	0.000002	0.00022	0.00015	0.000922	0.000327
2033 Jul	0.000105	0.000927	0.0184	0.00000237	1.53	1.95	0.0111	0.000246	17.6	0.00137	0.00461	0.0000544	0.00015	0.0000881	0.0596	0.000002	0.000201	0.000142	0.000911	0.000297
2033 Aug	0.000101	0.000901	0.0175	0.00000211	1.43	1.82	0.00982	0.00022	15.6	0.00123	0.00455	0.0000507	0.000131	0.0000811	0.0551	0.00000201	0.000174	0.000129	0.000895	0.000254
2033 Sep	0.000101	0.000881	0.0167	0.00000196	1.38	1.76	0.0091	0.000209	14.6	0.00115	0.00452	0.0000471	0.000121	0.0000774	0.0532	0.00000201	0.00016	0.000121	0.000885	0.000232
2033 Oct	0.000102	0.000881	0.0166	0.00000196	1.39	1.76	0.00902	0.000211	14.6	0.00115	0.00454	0.0000466	0.000121	0.0000775	0.0535	0.000002	0.000161	0.000119	0.000882	0.000233
2033 Nov	0.000102	0.000882	0.0166	0.00000197	1.39	1.77	0.00905	0.000212	14.6	0.00116	0.00454	0.0000466	0.000121	0.0000777	0.0536	0.000002	0.000162	0.000119	0.000882	0.000234
2033 Dec	0.000102	0.000882	0.0166	0.00000197	1.39	1.77	0.00905	0.000212	14.6	0.00116	0.00454	0.0000466	0.000121	0.0000777	0.0536	0.000002	0.000162	0.000119	0.000882	0.000234
2034 Jan	0.000102	0.000882	0.0166	0.00000197	1.39	1.77	0.00905	0.000212	14.6	0.00116	0.00454	0.0000466	0.000121	0.0000777	0.0536	0.000002	0.000162	0.000119	0.000882	0.000234
2034 Feb	0.000102	0.000882	0.0166	0.00000197	1.39	1.77	0.00905	0.000212	14.6	0.00116	0.00454	0.0000466	0.000121	0.0000777	0.0536	0.000002	0.000162	0.000119	0.000882	0.000234
2034 Mar	0.000102	0.000882	0.0166	0.00000197	1.39	1.77	0.00905	0.000212	14.6	0.00116	0.00454	0.0000466	0.000121	0.0000777	0.0536	0.000002	0.000162	0.000119	0.000882	0.000234
2034 Apr	0.000102	0.000882	0.0166	0.00000197	1.39	1.77	0.00905	0.000212	14.6	0.00116	0.00454	0.0000466	0.000121	0.0000777	0.0536	0.000002	0.000162	0.000119	0.000882	0.000234
2034 May	0.000103	0.000884	0.0168	0.00000199	1.4	1.78	0.00918	0.000213	14.7	0.00116	0.00455	0.0000475	0.000122	0.000078	0.0539	0.000002	0.000163	0.000121	0.000884	0.000236

Appendix C.2-12: WN01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Jun	0.000105	0.000892	0.018	0.00000209	1.42	1.82	0.00993	0.000219	15	0.0012	0.00459	0.0000523	0.000128	0.00008	0.0554	0.000002	0.000169	0.000129	0.000891	0.000246
2034 Jul	0.000102	0.000891	0.0178	0.00000204	1.4	1.79	0.00961	0.000213	14.5	0.00118	0.00458	0.0000522	0.000124	0.0000786	0.0542	0.000002	0.000164	0.000127	0.000888	0.000238
2034 Aug	0.0001	0.000879	0.0173	0.0000019	1.35	1.72	0.00894	0.0002	13.5	0.00111	0.00455	0.0000502	0.000114	0.000075	0.0518	0.00000201	0.00015	0.00012	0.000881	0.000215
2034 Sep	0.000101	0.000867	0.0168	0.00000182	1.32	1.68	0.00851	0.000193	12.9	0.00107	0.00453	0.0000479	0.000108	0.0000729	0.0507	0.000002	0.000142	0.000115	0.000875	0.000203
2034 Oct	0.000101	0.000865	0.0166	0.0000018	1.32	1.68	0.00838	0.000193	12.7	0.00106	0.00454	0.0000476	0.000107	0.0000724	0.0505	0.000002	0.000141	0.000114	0.000873	0.0002
2034 Nov	0.000101	0.000865	0.0167	0.0000018	1.32	1.68	0.00839	0.000193	12.8	0.00106	0.00454	0.0000476	0.000107	0.0000725	0.0505	0.000002	0.000141	0.000114	0.000873	0.000201
2034 Dec	0.000101	0.000865	0.0167	0.0000018	1.32	1.68	0.00839	0.000193	12.8	0.00106	0.00454	0.0000476	0.000107	0.0000725	0.0505	0.000002	0.000141	0.000114	0.000873	0.000201
2035 Jan	0.000101	0.000865	0.0167	0.0000018	1.32	1.68	0.00839	0.000193	12.8	0.00106	0.00454	0.0000476	0.000107	0.0000725	0.0505	0.000002	0.000141	0.000114	0.000873	0.000201
2035 Feb	0.000101	0.000865	0.0167	0.0000018	1.32	1.68	0.00839	0.000193	12.8	0.00106	0.00454	0.0000476	0.000107	0.0000725	0.0505	0.000002	0.000141	0.000114	0.000873	0.000201
2035 Mar	0.000101	0.000865	0.0167	0.0000018	1.32	1.68	0.00839	0.000193	12.8	0.00106	0.00454	0.0000476	0.000107	0.0000725	0.0505	0.000002	0.000141	0.000114	0.000873	0.000201
2035 Apr	0.000101	0.000865	0.0167	0.0000018	1.32	1.68	0.00839	0.000193	12.8	0.00106	0.00454	0.0000476	0.000107	0.0000725	0.0505	0.000002	0.000141	0.000114	0.000873	0.000201
2035 May	0.000101	0.000866	0.0167	0.00000181	1.32	1.68	0.00842	0.000193	12.8	0.00106	0.00454	0.0000477	0.000107	0.0000726	0.0506	0.000002	0.000141	0.000114	0.000874	0.000201
2035 Jun	0.000102	0.000871	0.0174	0.00000189	1.34	1.71	0.00887	0.000198	12.9	0.00109	0.00456	0.0000501	0.000112	0.000074	0.0517	0.000002	0.000146	0.00012	0.00088	0.000209
2035 Jul	0.0001	0.000871	0.0173	0.00000187	1.33	1.69	0.00867	0.000194	12.6	0.00108	0.00456	0.0000502	0.00011	0.0000732	0.0508	0.000002	0.000143	0.000118	0.000879	0.000204
2035 Aug	0.0000989	0.000864	0.017	0.0000018	1.3	1.65	0.00832	0.000188	12.1	0.00104	0.00454	0.0000488	0.000105	0.0000714	0.0496	0.000002	0.000136	0.000115	0.000875	0.000193
2035 Sep	0.0000993	0.000857	0.0167	0.00000176	1.29	1.64	0.00809	0.000185	11.8	0.00102	0.00452	0.0000472	0.000102	0.0000704	0.0491	0.000002	0.000133	0.000112	0.000871	0.000187
2035 Oct	0.0000993	0.000855	0.0166	0.00000173	1.28	1.63	0.00795	0.000183	11.6	0.00101	0.00453	0.000047	0.0001	0.0000697	0.0488	0.000002	0.00013	0.00011	0.000869	0.000184
2035 Nov	0.0000994	0.000855	0.0166	0.00000175	1.29	1.63	0.008	0.000185	11.7	0.00101	0.00453	0.000047	0.000101	0.00007	0.049	0.000002	0.000131	0.000111	0.000869	0.000185
2035 Dec	0.0000994	0.000855	0.0166	0.00000175	1.29	1.63	0.008	0.000185	11.7	0.00101	0.00453	0.000047	0.000101	0.00007	0.049	0.000002	0.000131	0.000111	0.000869	0.000185
2036 Jan	0.0000994	0.000855	0.0166	0.00000175	1.29	1.63	0.008	0.000185	11.7	0.00101	0.00453	0.000047	0.000101	0.00007	0.049	0.000002	0.000131	0.000111	0.000869	0.000185
2036 Feb	0.0000994	0.000855	0.0166	0.00000175	1.29	1.63	0.008	0.000185	11.7	0.00101	0.00453	0.000047	0.000101	0.00007	0.049	0.000002	0.000131	0.000111	0.000869	0.000185
2036 Mar	0.0000994	0.000855	0.0166	0.00000175	1.29	1.63	0.008	0.000185	11.7	0.00101	0.00453	0.000047	0.000101	0.00007	0.049	0.000002	0.000131	0.000111	0.000869	0.000185
2036 Apr	0.0000995	0.000855	0.0166	0.00000175	1.29	1.63	0.008	0.000185	11.7	0.00101	0.00453	0.000047	0.000101	0.00007	0.049	0.000002	0.000132	0.000111	0.000869	0.000186
2036 May	0.0000996	0.000856	0.0166	0.00000175	1.29	1.64	0.00802	0.000185	11.7	0.00101	0.00453	0.000047	0.000101	0.0000701	0.0491	0.000002	0.000132	0.000111	0.000869	0.000186
2036 Jun	0.0000995	0.000857	0.0169	0.00000178	1.29	1.64	0.00813	0.000186	11.7	0.00102	0.00454	0.0000477	0.000103	0.0000705	0.0493	0.000002	0.000133	0.000113	0.000872	0.000188
2036 Jul	0.000098	0.000857	0.0169	0.00000177	1.28	1.62	0.00798	0.000183	11.4	0.00101	0.00454	0.0000479	0.000101	0.0000697	0.0487	0.000002	0.00013	0.000112	0.000872	0.000184
2036 Aug	0.0000971	0.000852	0.0167	0.00000171	1.26	1.6	0.0077	0.000177	11.1	0.000985	0.00453	0.000047	0.0000965	0.0000682	0.0476	0.000002	0.000124	0.000109	0.000869	0.000174
2036 Sep	0.0000973	0.000845	0.0164	0.00000165	1.24	1.58	0.00746	0.000173	10.7	0.000958	0.00452	0.0000458	0.0000931	0.000067	0.047	0.000002	0.000119	0.000106	0.000866	0.000166
2036 Oct	0.0000973	0.000843	0.0163	0.00000163	1.24	1.57	0.00735	0.000172	10.6	0.000947	0.00452	0.0000457	0.0000918	0.0000665	0.0467	0.000002	0.000118	0.000105	0.000864	0.000163
2036 Nov	0.0000973	0.000843	0.0163	0.00000164	1.24	1.57	0.00736	0.000172	10.6	0.000948	0.00452	0.0000457	0.0000919	0.0000665	0.0468	0.000002	0.000118	0.000105	0.000864	0.000164
2036 Dec	0.0000973	0.000843	0.0163	0.00000164	1.24	1.57	0.00737	0.000172	10.6	0.000948	0.00452	0.0000457	0.000092	0.0000665	0.0468	0.000002	0.000118	0.000105	0.000864	0.000164
2037 Jan	0.0000973	0.000843	0.0163	0.00000164	1.24	1.57	0.00737	0.000172	10.6	0.000948	0.00452	0.0000457	0.000092	0.0000665	0.0468	0.000002	0.000118	0.000105	0.000864	0.000164
2037 Feb	0.0000973	0.000843	0.0163	0.00000164	1.24	1.57	0.00737	0.000172	10.6	0.000948	0.00452	0.0000457	0.000092	0.0000665	0.0468	0.000002	0.000118	0.000105	0.000864	0.000164
2037 Mar	0.0000973	0.000843	0.0163	0.00000164	1.24	1.57	0.00737	0.000172	10.6	0.000948	0.00452	0.0000457	0.000092	0.0000665	0.0468	0.000002	0.000118	0.000105	0.000864	0.000164
2037 Apr	0.0000974	0.000844	0.0163	0.00000164	1.24	1.57	0.00737	0.000172	10.6	0.000948	0.00452	0.0000457	0.000092	0.0000666	0.0468	0.000002	0.000118	0.000105	0.000864	0.000164
2037 May	0.0000981	0.000845	0.0166	0.00000165	1.24	1.58	0.00751	0.000173	10.6	0.000952	0.00453	0.0000468	0.0000925	0.0000668	0.047	0.000002	0.000119	0.000107	0.000866	0.000165
2037 Jun	0.0000989	0.000846	0.017	0.00000168	1.25	1.59	0.00777	0.000174	10.7	0.000963	0.00454	0.0000486	0.0000941	0.0000673	0.0475	0.000002	0.00012	0.00011	0.000867	0.000168
2037 Jul	0.0000976	0.000846	0.0169	0.00000166	1.23	1.57	0.00761	0.000171	10.4	0.000952	0.00454	0.0000487	0.0000919	0.0000665	0.0468	0.000002	0.000117	0.000109	0.000866	0.000162
2037 Aug	0.0000968	0.000842	0.0167	0.00000161	1.22	1.55	0.00739	0.000167	10.2	0.00093	0.00453	0.0000479	0.0000888	0.0000654	0.046	0.000002	0.000113	0.000107	0.000864	0.000155
2037 Sep	0.000097	0.000837	0.0165	0.00000157	1.21	1.53	0.00718	0.000163	9.91	0.000907	0.00452	0.000047	0.0000858	0.0000643	0.0455	0.000002	0.000109	0.000104	0.000862	0.000149
2037 Oct	0.000097	0.000835	0.0164	0.00000155	1.2	1.52	0.00707	0.000161	9.78	0.000896	0.00452	0.0000469	0.0000844	0.0000638	0.0452	0.000002	0.000107	0.000103	0.00086	0.000146
2037 Nov	0.000097	0.000835	0.0164	0.00000155	1.2	1.52	0.00708	0.000161	9.79	0.000896	0.00452	0.0000469	0.0000844	0.0000638	0.0452	0.000002	0.000107	0.000103	0.00086	0.000146
2037 Dec	0.000097	0.000835	0.0164	0.00000155	1.2	1.52	0.00708	0.000161	9.79	0.000896	0.00452	0.0000469	0.0000844	0.0000638	0.0452	0.000002	0.000107	0.000103	0.00086	0.000146
2038 Jan	0.000097	0.000835	0.0164	0.00000155	1.2	1.52	0.00708	0.000161	9.79	0.000896	0.00452	0.0000469	0.0000844	0.0000638	0.0452	0.000002	0.000107	0.000103	0.00086	0.000146
2038 Feb	0.000097	0.000835	0.0164	0.00000155	1.2	1.52	0.00708	0.000161	9.79	0.000896	0.00452	0.0000469	0.0000844	0.0000638	0.0452	0.000002	0.000107	0.000103	0.00086	0.000146
2038 Mar	0.000097	0.000835	0.0164	0.00000155	1.2	1.52	0.00708	0.000161	9.79	0.000896	0.00452	0.0000469	0.0000844	0.0000638	0.0452	0.000002	0.000107	0.000103	0.00086	0.000146
2038 Apr	0.000097	0.000835	0.0164	0.00000155	1.2	1.52	0.00708	0.000161	9.79	0.000896	0.00452	0.0000469	0.0000845	0.0000638	0.0452	0.000002	0.000107	0.000103	0.00086	0.000146
2038 May	0.0000972	0.000836	0.0165	0.00000155	1.2	1.53	0.00712	0.000162	9.79	0.000897	0.00453	0.0000472	0.0000846	0.0000639	0.0453	0.000002	0.000107	0.000103	0.000861	0.000146
2038 Jun	0.0000978	0.000835	0.0169	0.00000157	1.2	1.53	0.00727	0.000161	9.73	0.000897	0.00453	0.0000488	0.0000846	0.0000638	0.0454	0.000002	0.000106	0.000105	0.000862	0.000145
2038 Jul	0.0000967	0.000836	0.0168	0.00000154	1.19	1.51	0.00714	0.000158	9.57	0.000887	0.00454	0.000049	0.0000827	0.0000632	0.0448	0.000002	0.000103	0.000105	0.000862	0.00014
2038 Aug	0.0000961	0.000834	0.0167	0.00000151	1.18	1.5	0.00698	0.000156	9.37	0.000873	0.00453	0.0000485	0.0000805	0.0000624	0.0443	0.00000201	0.0001	0.000103	0.000861	0.000135
2038 Sep	0.0000962	0.000833	0.0167	0.00000151	1.18	1.5	0.00696	0.000155	9.35	0.000871	0.00453	0.0000482	0.0000802	0.0000623	0.0442	0.00000201	0.0001	0.000103	0.000861	0.000135
2038 Oct	0.0000962	0.000833	0.0167	0.00000151	1.18	1.5	0.00697	0.000155	9.35	0.000871	0.00453	0.0000482	0.0000802	0.0000623	0.0443	0.00000201	0.0001	0.000103	0.000861	0.000135
2038 Nov	0.0000962	0.000833	0.0167	0.00000151	1.18	1.5	0.00697	0.000155	9.35	0.000871	0.00453	0.0000482	0.0000802	0.0000623	0.0443	0.00000201	0.0001	0.000103	0.000861	0.000135
2038 Dec	0.0000962	0.000833	0.0167	0.00000151	1.18	1.5	0.00697	0.000155	9.35	0.000871	0.00453	0.0000482	0.0000802	0.0000623	0.0443	0.00000201	0.0001	0.000103	0.000861	0.000135

Appendix C.2-13: TIRI01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	1630	1.5	1.96	0.0663	837	0.303	272	0.0000504	0.0000504	0.00000646	0.0147	0.0114	0.521	0.0538	0.0000202	61.3	0.0000864	0.00397
Operation (2024-2031): Mean	2240	2.28	2.97	0.101	1260	0.317	277	0.000113	0.000113	0.00000805	0.0151	0.0116	0.531	0.0562	0.0000293	62.1	0.0000883	0.00402
Operation (2024-2031): Max	2560	2.68	3.48	0.118	1480	0.329	286	0.000205	0.000205	0.0000104	0.0156	0.012	0.55	0.0601	0.000043	64.1	0.0000915	0.00415
Active Closure (2032-2038): Min	56	0.0303	0.0376	0.00209	21.7	0.0331	9.64	0.00014	0.00014	0.000005	0.00307	0.000487	0.0163	0.00849	0.00000519	7.99	0.00000703	0.000141
Active Closure (2032-2038): Mean	167	0.134	0.173	0.00663	79.1	0.0526	28.1	0.000919	0.000919	0.00000524	0.00389	0.00125	0.0518	0.0118	0.00000699	11.7	0.0000127	0.000411
Active Closure (2032-2038): Max	1660	1.52	1.99	0.0674	850	0.316	279	0.000981	0.000981	0.00000878	0.0152	0.0117	0.534	0.0579	0.0000334	63	0.0000888	0.00407
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2038)																		
2024 Jan	2480	2.58	3.36	0.114	1430	0.319	278	0.000115	0.000115	0.00000813	0.0152	0.0116	0.534	0.0566	0.0000297	62.5	0.0000889	0.00404
2024 Feb	2480	2.58	3.36	0.114	1430	0.319	278	0.000115	0.000115	0.00000813	0.0152	0.0116	0.534	0.0566	0.0000297	62.5	0.0000889	0.00404
2024 Mar	2480	2.58	3.36	0.114	1430	0.319	279	0.000115	0.000115	0.00000814	0.0152	0.0117	0.535	0.0567	0.0000297	62.6	0.000089	0.00405
2024 Apr	2490	2.59	3.37	0.114	1430	0.32	279	0.000115	0.000115	0.00000816	0.0152	0.0117	0.536	0.0568	0.0000298	62.7	0.0000892	0.00406
2024 May	2480	2.57	3.35	0.114	1430	0.319	281	0.000141	0.000141	0.00000888	0.0153	0.0118	0.539	0.0584	0.0000338	63.5	0.0000896	0.00411
2024 Jun	2390	2.47	3.22	0.109	1370	0.307	274	0.000164	0.000164	0.00000936	0.0148	0.0115	0.524	0.0581	0.0000369	62.1	0.000087	0.00402
2024 Jul	2500	2.62	3.41	0.116	1450	0.323	279	0.0000909	0.0000909	0.00000752	0.0153	0.0116	0.536	0.0556	0.0000262	62.3	0.0000893	0.00403
2024 Aug	2520	2.65	3.45	0.117	1460	0.325	279	0.0000689	0.0000689	0.00000694	0.0153	0.0116	0.537	0.0546	0.0000229	62	0.0000895	0.00402
2024 Sep	2470	2.58	3.36	0.114	1430	0.318	276	0.0000966	0.0000966	0.00000762	0.0151	0.0115	0.531	0.0554	0.0000269	61.8	0.0000884	0.004
2024 Oct	2440	2.54	3.31	0.112	1410	0.314	275	0.000119	0.000119	0.00000818	0.015	0.0115	0.527	0.0562	0.0000301	61.8	0.0000877	0.004
2024 Nov	2420	2.5	3.26	0.111	1390	0.31	274	0.000143	0.000143	0.0000088	0.0149	0.0115	0.525	0.0572	0.0000337	61.9	0.0000873	0.00401
2024 Dec	2420	2.51	3.27	0.111	1390	0.311	275	0.000142	0.000142	0.00000879	0.0149	0.0115	0.526	0.0572	0.0000336	62	0.0000874	0.00401
2025 Jan	2420	2.51	3.27	0.111	1390	0.311	275	0.000142	0.000142	0.00000879	0.0149	0.0115	0.526	0.0572	0.0000336	62	0.0000874	0.00401
2025 Feb	2420	2.51	3.27	0.111	1390	0.311	275	0.000142	0.000142	0.00000879	0.0149	0.0115	0.526	0.0572	0.0000336	62	0.0000874	0.00401
2025 Mar	2420	2.51	3.27	0.111	1390	0.311	275	0.000142	0.000142	0.00000879	0.0149	0.0115	0.526	0.0572	0.0000336	62	0.0000874	0.00401
2025 Apr	2420	2.51	3.27	0.111	1390	0.311	275	0.000142	0.000142	0.0000088	0.0149	0.0115	0.527	0.0573	0.0000336	62.1	0.0000875	0.00402
2025 May	2480	2.56	3.34	0.113	1420	0.318	281	0.000145	0.000145	0.00000899	0.0153	0.0118	0.538	0.0585	0.0000344	63.5	0.0000895	0.00411
2025 Jun	2420	2.5	3.26	0.111	1390	0.311	277	0.000158	0.000158	0.00000925	0.015	0.0116	0.53	0.0583	0.0000361	62.7	0.0000879	0.00406
2025 Jul	2430	2.52	3.28	0.111	1400	0.312	276	0.000138	0.000138	0.00000868	0.015	0.0115	0.528	0.0572	0.000033	62.1	0.0000877	0.00402
2025 Aug	2530	2.66	3.46	0.118	1470	0.326	279	0.0000604	0.0000604	0.00000671	0.0153	0.0116	0.537	0.0542	0.0000217	61.9	0.0000896	0.00401
2025 Sep	2520	2.65	3.44	0.117	1460	0.325	278	0.0000654	0.0000654	0.00000683	0.0153	0.0116	0.535	0.0543	0.0000224	61.8	0.0000893	0.004
2025 Oct	2470	2.58	3.36	0.114	1430	0.318	275	0.0000912	0.0000912	0.00000745	0.015	0.0115	0.529	0.0549	0.0000261	61.5	0.0000881	0.00398
2025 Nov	2460	2.57	3.35	0.114	1420	0.317	274	0.0000925	0.0000925	0.00000747	0.015	0.0115	0.527	0.0548	0.0000262	61.3	0.0000878	0.00397
2025 Dec	2460	2.57	3.35	0.114	1420	0.317	274	0.0000925	0.0000925	0.00000748	0.015	0.0115	0.527	0.0549	0.0000262	61.3	0.0000878	0.00397
2026 Jan	2460	2.57	3.35	0.114	1420	0.317	274	0.0000925	0.0000925	0.00000748	0.015	0.0115	0.527	0.0549	0.0000262	61.3	0.0000878	0.00397
2026 Feb	2460	2.57	3.35	0.114	1420	0.317	274	0.0000925	0.0000925	0.00000748	0.015	0.0115	0.527	0.0549	0.0000262	61.3	0.0000878	0.00397
2026 Mar	2460	2.57	3.35	0.114	1420	0.317	274	0.0000926	0.0000926	0.00000748	0.015	0.0115	0.528	0.0549	0.0000263	61.4	0.0000879	0.00397
2026 Apr	2470	2.58	3.36	0.114	1420	0.318	275	0.0000928	0.0000928	0.0000075	0.015	0.0115	0.529	0.055	0.0000263	61.5	0.0000881	0.00398
2026 May	2490	2.6	3.38	0.115	1440	0.32	277	0.0000944	0.0000944	0.00000758	0.0152	0.0116	0.533	0.0555	0.0000267	62	0.0000888	0.00402
2026 Jun	2390	2.47	3.22	0.109	1370	0.307	273	0.000156	0.000156	0.00000912	0.0148	0.0115	0.523	0.0576	0.0000356	61.8	0.0000868	0.004
2026 Jul	2480	2.58	3.36	0.114	1430	0.319	279	0.000119	0.000119	0.00000826	0.0152	0.0117	0.535	0.0569	0.0000304	62.7	0.0000891	0.00406
2026 Aug	2530	2.66	3.46	0.118	1470	0.326	279	0.0000634	0.0000634	0.0000068	0.0153	0.0116	0.538	0.0544	0.0000221	62.1	0.0000897	0.00402
2026 Sep	2540	2.68	3.48	0.118	1470	0.328	279	0.0000504	0.0000504	0.00000646	0.0154	0.0116	0.538	0.0538	0.0000202	61.9	0.0000898	0.00401
2026 Oct	2480	2.59	3.37	0.114	1430	0.319	277	0.000098	0.000098	0.00000767	0.0151	0.0116	0.532	0.0556	0.0000272	62	0.0000886	0.00401
2026 Nov	2490	2.6	3.38	0.115	1440	0.321	278	0.0000998	0.0000998	0.00000774	0.0152	0.0116	0.534	0.0559	0.0000275	62.3	0.000089	0.00403
2026 Dec	2490	2.6	3.39	0.115	1440	0.321	278	0.0000999	0.0000999	0.00000774	0.0152	0.0116	0.535	0.0559	0.0000275	62.3	0.0000891	0.00403
2027 Jan	2490	2.6	3.39	0.115	1440	0.321	278	0.0000999	0.0000999	0.00000775	0.0152	0.0116	0.535	0.0559	0.0000275	62.3	0.0000891	0.00403
2027 Feb	2490	2.6	3.39	0.115	1440	0.321	278	0.0000999	0.0000999	0.00000775	0.0152	0.0116	0.535	0.0559	0.0000275	62.3	0.0000891	0.00403
2027 Mar	2490	2.6	3.39	0.115	1440	0.321	279	0.0001	0.0001	0.00000775	0.0152	0.0116	0.535	0.056	0.0000275	62.4	0.0000891	0.00404
2027 Apr	2510	2.62	3.41	0.116	1450	0.323	281	0.000101	0.000101	0.00000781	0.0153	0.0117	0.539	0.0564	0.0000277	62.8	0.0000898	0.00407
2027 May	2560	2.67	3.48	0.118	1480	0.329	286	0.000106	0.000106	0.00000805	0.0156	0.012	0.55	0.0576	0.0000288	64.1	0.0000915	0.00415
2027 Jun	2390	2.46	3.21	0.109	1370	0.306	273	0.000161	0.000161	0.00000925	0.0148	0.0115	0.522	0.0578	0.0000363	61.9	0.0000867	0.004
2027 Jul	2470	2.56	3.34	0.113	1420	0.317	278	0.000127	0.000127	0.00000846	0.0151	0.0116	0.533	0.0572	0.0000316	62.6	0.0000887	0.00405
2027 Aug	2530	2.66	3.46	0.118	1460	0.326	279	0.000063	0.000063	0.00000678	0.0153	0.0116	0.537	0.0543	0.0000221	62	0.0000896	0.00401
2027 Sep	2480	2.59	3.37	0.115	1430	0.319	276	0.0000928	0.0000928	0.00000752	0.0151	0.0115	0.531	0.0553	0.0000264	61.8	0.0000885	0.004
2027 Oct	2490	2.61	3.39	0.115	1440	0.321	277	0.0000908	0.0000908	0.00000749	0.0152	0.0116	0.533	0.0553	0.0000261	62	0.0000888	0.00401
2027 Nov	2480	2.59	3.38	0.115	1430	0.32	278	0.0000994	0.0000994	0.00000772	0.0152	0.0116	0.533	0.0558	0.0000274	62.1	0.0000888	0.00402
2027 Dec	2480	2.59	3.38	0.115	1430	0.32	278	0.0000993	0.0000993	0.00000771	0.0152	0.0116	0.533	0.0558	0.0000274	62.1	0.0000888	0.00402
2028 Jan	2480	2.59	3.38	0.115	1430	0.32	278	0.0000993	0.0000993	0.00000771	0.0152	0.0116	0.533	0.0558	0.0000274	62.1	0.0000888	0.00402
2028 Feb	2480	2.6	3.38	0.115	1430	0.32	278	0.0000993	0.0000993	0.00000771	0.0152	0.0116	0.533	0.0558	0.0000274	62.1	0.0000888	0.00402
2028 Mar	2480	2.6	3.38	0.115	1430	0.32	278	0.0000993	0.0000993	0.00000772	0.0152	0.0116	0.533	0.0558	0.0000274	62.1	0.0000888	0.00402
2028 Apr	2490	2.6	3.39	0.115	1440	0.321	279	0.0000996	0.0000996	0.00000774	0.0152	0.0116	0.535	0.056	0.0000275	62.4	0.0000891	0.00404
2028 May	2530	2.64	3.44	0.117	1460	0.326	283	0.000101	0.000101	0.00000785	0.0154	0.0118	0.543	0.0568	0.0000278	63.2	0.0000904	0.00409
2028 Jun	2220	2.24	2.93	0.0992	1250	0.309	275	0.000153	0.000153	0.00000907	0.0149	0.0115	0.525	0.0577	0.0000352	62.1	0.0000872	0.00402
2028 Jul	2170	2.18	2.85	0.0963	1210	0.308	273	0.000149	0.000149	0.00000894	0.0148	0.0115	0.523	0.0573	0.0000345	61.8	0.0000869	0.004
2028 Aug	2220	2.26	2.95	0.0998	1250	0.318	276	0.0001	0.0001	0.00000771	0.0151	0.0115	0.53	0.0555	0.0000274	61.8	0.0000883	0.004

Appendix C.2-13: TIRI01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Sep	2250	2.3	3	0.102	1270	0.323	278	0.0000756	0.0000756	0.00000709	0.0152	0.0116	0.534	0.0547	0.0000239	61.8	0.000089	0.004
2028 Oct	2170	2.19	2.86	0.0966	1210	0.309	273	0.00014	0.00014	0.00000871	0.0148	0.0114	0.523	0.0568	0.0000333	61.6	0.0000869	0.00399
2028 Nov	2150	2.15	2.81	0.095	1200	0.305	272	0.000166	0.000166	0.00000937	0.0147	0.0114	0.521	0.0579	0.0000371	61.8	0.0000864	0.004
2028 Dec	2150	2.15	2.82	0.0951	1200	0.305	273	0.000166	0.000166	0.00000938	0.0147	0.0114	0.521	0.0579	0.0000371	61.8	0.0000865	0.004
2029 Jan	2150	2.15	2.82	0.0951	1200	0.305	273	0.000166	0.000166	0.00000938	0.0147	0.0114	0.521	0.0579	0.0000371	61.8	0.0000865	0.004
2029 Feb	2150	2.15	2.82	0.0951	1200	0.305	273	0.000166	0.000166	0.00000938	0.0147	0.0114	0.521	0.0579	0.0000371	61.8	0.0000865	0.004
2029 Mar	2150	2.15	2.82	0.0951	1200	0.305	273	0.000166	0.000166	0.00000938	0.0147	0.0115	0.521	0.0579	0.0000371	61.8	0.0000865	0.004
2029 Apr	2150	2.16	2.82	0.0952	1200	0.306	273	0.000166	0.000166	0.00000939	0.0148	0.0115	0.522	0.058	0.0000371	61.9	0.0000866	0.00401
2029 May	2170	2.18	2.85	0.0962	1210	0.309	276	0.000168	0.000168	0.00000949	0.0149	0.0116	0.527	0.0586	0.0000375	62.6	0.0000875	0.00405
2029 Jun	2050	2.02	2.65	0.0894	1130	0.303	275	0.000205	0.000205	0.0000104	0.0148	0.0116	0.524	0.0601	0.000043	62.8	0.0000867	0.00406
2029 Jul	2010	1.99	2.6	0.0882	1100	0.319	278	0.000109	0.000109	0.00000797	0.0152	0.0116	0.534	0.0563	0.0000288	62.4	0.0000889	0.00404
2029 Aug	2030	2.02	2.63	0.0894	1110	0.324	278	0.0000762	0.0000762	0.00000712	0.0152	0.0116	0.535	0.0548	0.000024	62	0.0000892	0.00401
2029 Sep	2030	2.02	2.63	0.0895	1110	0.324	278	0.0000729	0.0000729	0.00000703	0.0152	0.0116	0.535	0.0546	0.0000235	61.9	0.0000891	0.004
2029 Oct	2000	1.99	2.59	0.088	1100	0.319	276	0.000094	0.000094	0.00000755	0.0151	0.0115	0.531	0.0552	0.0000265	61.7	0.0000884	0.004
2029 Nov	1990	1.97	2.57	0.0873	1090	0.316	275	0.000102	0.000102	0.00000773	0.015	0.0115	0.528	0.0553	0.0000276	61.5	0.0000878	0.00398
2029 Dec	1990	1.97	2.57	0.0873	1090	0.316	275	0.000102	0.000102	0.00000773	0.015	0.0115	0.528	0.0554	0.0000276	61.6	0.0000879	0.00398
2030 Jan	1990	1.97	2.57	0.0873	1090	0.316	275	0.000102	0.000102	0.00000773	0.015	0.0115	0.528	0.0554	0.0000276	61.6	0.0000879	0.00398
2030 Feb	1990	1.97	2.57	0.0873	1090	0.316	275	0.000102	0.000102	0.00000773	0.015	0.0115	0.528	0.0554	0.0000276	61.6	0.0000879	0.00398
2030 Mar	1990	1.97	2.57	0.0873	1090	0.316	275	0.000102	0.000102	0.00000774	0.015	0.0115	0.528	0.0554	0.0000277	61.6	0.0000879	0.00399
2030 Apr	1990	1.98	2.58	0.0875	1090	0.317	275	0.000102	0.000102	0.00000775	0.015	0.0115	0.529	0.0555	0.0000277	61.7	0.000088	0.00399
2030 May	2020	2	2.61	0.0886	1110	0.321	279	0.000103	0.000103	0.00000785	0.0152	0.0117	0.536	0.0562	0.0000281	62.5	0.0000892	0.00404
2030 Jun	1830	1.75	2.29	0.0773	974	0.307	274	0.000162	0.000162	0.00000929	0.0148	0.0115	0.523	0.0579	0.0000365	62	0.0000869	0.00401
2030 Jul	1820	1.75	2.28	0.0773	966	0.318	277	0.000105	0.000105	0.00000785	0.0151	0.0116	0.532	0.0559	0.0000282	62.1	0.0000885	0.00402
2030 Aug	1840	1.78	2.32	0.0787	979	0.324	278	0.0000694	0.0000694	0.00000694	0.0152	0.0116	0.535	0.0544	0.000023	61.8	0.0000892	0.004
2030 Sep	1850	1.8	2.33	0.0794	986	0.327	279	0.0000547	0.0000547	0.00000657	0.0153	0.0116	0.537	0.0539	0.0000208	61.9	0.0000897	0.00401
2030 Oct	1830	1.76	2.3	0.078	972	0.322	277	0.0000813	0.0000813	0.00000723	0.0152	0.0116	0.533	0.0548	0.0000247	61.8	0.0000888	0.004
2030 Nov	1820	1.75	2.28	0.0773	966	0.319	276	0.0000941	0.0000941	0.00000755	0.0151	0.0115	0.531	0.0552	0.0000265	61.7	0.0000884	0.004
2030 Dec	1820	1.75	2.28	0.0774	966	0.319	276	0.0000941	0.0000941	0.00000755	0.0151	0.0115	0.531	0.0553	0.0000266	61.8	0.0000884	0.004
2031 Jan	1820	1.75	2.28	0.0774	966	0.319	276	0.0000941	0.0000941	0.00000755	0.0151	0.0115	0.531	0.0553	0.0000266	61.8	0.0000884	0.004
2031 Feb	1820	1.75	2.28	0.0774	966	0.319	276	0.0000941	0.0000941	0.00000755	0.0151	0.0115	0.531	0.0553	0.0000266	61.8	0.0000884	0.004
2031 Mar	1820	1.75	2.28	0.0774	966	0.319	276	0.0000941	0.0000941	0.00000755	0.0151	0.0115	0.531	0.0553	0.0000266	61.8	0.0000884	0.004
2031 Apr	1820	1.76	2.29	0.0778	971	0.32	278	0.0000946	0.0000946	0.00000759	0.0152	0.0116	0.533	0.0555	0.0000267	62.1	0.0000888	0.00402
2031 May	1830	1.75	2.28	0.0772	967	0.322	281	0.000112	0.000112	0.00000811	0.0153	0.0117	0.539	0.057	0.0000294	63	0.0000897	0.00408
2031 Jun	1680	1.55	2.03	0.0688	870	0.309	276	0.000168	0.000168	0.00000949	0.0149	0.0116	0.528	0.0586	0.0000375	62.6	0.0000876	0.00405
2031 Jul	1680	1.56	2.04	0.0691	870	0.318	279	0.000127	0.000127	0.00000845	0.0152	0.0117	0.535	0.0572	0.0000315	62.7	0.0000889	0.00406
2031 Aug	1670	1.56	2.04	0.0692	864	0.324	279	0.0000721	0.0000721	0.00000702	0.0153	0.0116	0.536	0.0547	0.0000234	62	0.0000894	0.00401
2031 Sep	1650	1.53	2	0.0678	851	0.318	276	0.0000984	0.0000984	0.00000766	0.0151	0.0115	0.53	0.0554	0.0000272	61.8	0.0000883	0.004
2031 Oct	1630	1.5	1.96	0.0663	837	0.31	274	0.000137	0.000137	0.00000863	0.0149	0.0115	0.524	0.0568	0.0000328	61.7	0.0000871	0.00399
2031 Nov	1630	1.5	1.96	0.0664	838	0.31	274	0.00014	0.00014	0.00000872	0.0149	0.0115	0.525	0.057	0.0000332	61.9	0.0000872	0.004
2031 Dec	1630	1.5	1.96	0.0664	838	0.311	274	0.00014	0.00014	0.00000872	0.0149	0.0115	0.525	0.057	0.0000333	61.9	0.0000873	0.004
2032 Jan	1630	1.5	1.96	0.0664	838	0.311	274	0.00014	0.00014	0.00000872	0.0149	0.0115	0.525	0.057	0.0000333	61.9	0.0000873	0.004
2032 Feb	1630	1.5	1.96	0.0664	838	0.311	274	0.00014	0.00014	0.00000872	0.0149	0.0115	0.525	0.057	0.0000333	61.9	0.0000873	0.004
2032 Mar	1630	1.5	1.96	0.0664	839	0.311	274	0.00014	0.00014	0.00000872	0.0149	0.0115	0.525	0.057	0.0000333	61.9	0.0000873	0.00401
2032 Apr	1640	1.5	1.97	0.0666	841	0.312	275	0.00014	0.00014	0.00000875	0.0149	0.0115	0.527	0.0572	0.0000334	62.1	0.0000876	0.00402
2032 May	1660	1.52	1.99	0.0674	850	0.316	279	0.000141	0.000141	0.00000878	0.0152	0.0117	0.534	0.0579	0.0000333	63	0.0000888	0.00407
2032 Jun	356	0.306	0.397	0.0141	173	0.0876	60	0.000808	0.000808	0.00000541	0.00535	0.00261	0.114	0.0172	0.00000876	18.1	0.000023	0.000914
2032 Jul	185	0.149	0.192	0.00727	85.9	0.0571	31.1	0.000897	0.000897	0.00000505	0.00395	0.0014	0.0579	0.0118	0.00000606	12.1	0.0000139	0.000497
2032 Aug	117	0.0878	0.113	0.00461	52.9	0.044	19.4	0.000942	0.000942	0.00000503	0.00345	0.000902	0.0351	0.0099	0.0000056	9.76	0.0000101	0.00031
2032 Sep	92.2	0.065	0.0828	0.00362	40.6	0.0391	15	0.000959	0.000959	0.00000503	0.00331	0.000712	0.0268	0.0093	0.00000543	8.99	0.00000872	0.000224
2032 Oct	84.2	0.0576	0.0732	0.0033	36.7	0.0375	13.6	0.000964	0.000964	0.00000502	0.00325	0.00065	0.0241	0.0091	0.00000538	8.75	0.00000826	0.000197
2032 Nov	84.9	0.0582	0.074	0.00332	37	0.0376	13.8	0.000964	0.000964	0.00000503	0.00325	0.000655	0.0243	0.00912	0.00000538	8.77	0.0000083	0.000199
2032 Dec	85.6	0.0588	0.0748	0.00335	37.3	0.0377	13.9	0.000963	0.000963	0.00000502	0.00326	0.000659	0.0245	0.00914	0.00000538	8.79	0.00000834	0.0002
2033 Jan	85.6	0.0588	0.0748	0.00335	37.3	0.0377	13.9	0.000963	0.000963	0.00000502	0.00326	0.000659	0.0245	0.00914	0.00000538	8.79	0.00000834	0.0002
2033 Feb	85.6	0.0588	0.0748	0.00335	37.3	0.0377	13.9	0.000963	0.000963	0.00000502	0.00326	0.000659	0.0245	0.00914	0.00000538	8.79	0.00000834	0.0002
2033 Mar	85.6	0.0588	0.0748	0.00335	37.3	0.0378	13.9	0.000963	0.000963	0.00000502	0.00326	0.00066	0.0245	0.00914	0.00000538	8.79	0.00000834	0.0002
2033 Apr	85.6	0.0588	0.0748	0.00335	37.4	0.0378	13.9	0.000964	0.000964	0.00000503	0.00326	0.00066	0.0246	0.00914	0.00000538	8.8	0.00000834	0.0002
2033 May	87.6	0.0605	0.0769	0.00342	38.2	0.0382	14.2	0.000963	0.000963	0.00000503	0.00328	0.000677	0.0253	0.00924	0.0000054	8.9	0.00000847	0.000206
2033 Jun	97.6	0.0689	0.0878	0.00378	42.8	0.0404	16.3	0.000952	0.000952	0.00000501	0.00336	0.000763	0.0292	0.00957	0.00000543	9.3	0.00000912	0.000238
2033 Jul	90.5	0.0627	0.0797	0.00351	39.3	0.0391	15	0.000958	0.000958	0.00000502	0.00329	0.000715	0.0268	0.00933	0.0000054	9.03	0.00000875	0.000229
2033 Aug	80.6	0.0539	0.0684	0.00313	34.6	0.0372	13.3	0.000966	0.000966	0.00000503	0.00321	0.000643	0.0234	0.00905	0.00000535	8.68	0.0000082	0.000204
2033 Sep	75.9	0.0495	0.0626	0.00294	32.2	0.0363	12.5	0.000969	0.000969	0.00000502	0.00319	0.000606	0.0219	0.00894	0.00000531	8.53	0.00000792	0.000184
2033 Oct	76.2	0.0496	0.0627	0.00294	32.3	0.0363	12.6	0.000966	0.000966	0.00000501	0.0032	0.000608	0.0221	0.00895	0.0000053	8.56	0.00000794	0.000182
2033 Nov	76.4	0.0498	0.063	0.00295	32.4	0.0364	12.6	0.000966	0.000966	0.00000501	0.0032	0.00061	0.0222	0.00896	0.0000053	8.57	0.00000795	0.000183
2033 Dec	76.4	0.0498	0.063	0.00295	32.4	0.0364	12.6	0.000966	0.000966	0.00000501	0.0032	0.00061	0.0222	0.00896	0.0000053	8.57	0.00000795	0.000183
2034 Jan	76.4	0.0498	0.063	0.00295	32.4	0.0364	12.6	0.000966	0.000966	0.00000501	0.0032	0.00061	0.0222	0.00896	0.0000053	8.57	0.00000795	0.000183
2034 Feb	76.4	0.0498	0.063	0.00295	32.4	0.0364	12.6	0.000966	0.000966	0.00000501	0.0032	0.00061	0.0222	0.00896	0.0000053	8.57	0.00000795	0.000183
2034 Mar	76.4	0.0498	0.063	0.00295	32.4	0.0364	12.6	0.000966	0.000966	0.00000501	0.0032	0.00061	0.0222	0.00896	0.0000053	8.57	0.00000795	0.000183
2034 Apr	76.5	0.0499	0.063	0.00295	32.4	0.0364	12.7	0.000966	0.000966	0.00000501	0.0032	0.00061	0.0222	0.00896	0.0000053	8.57	0.00000795	0.000183

Appendix C.2-13: TIRI01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 May	76.8	0.0501	0.0634	0.00296	32.5	0.0365	12.7	0.000966	0.000966	0.00000501	0.00321	0.000613	0.0223	0.00898	0.0000053	8.59	0.00000798	0.000184
2034 Jun	78.7	0.0516	0.0652	0.00302	33.3	0.037	13.2	0.000964	0.000964	0.00000501	0.00322	0.000634	0.0232	0.00907	0.00000531	8.69	0.00000813	0.000193
2034 Jul	76.4	0.0496	0.0626	0.00293	32.2	0.0366	12.8	0.000965	0.000965	0.00000501	0.00319	0.000621	0.0225	0.00898	0.0000053	8.6	0.00000803	0.000192
2034 Aug	71.4	0.0452	0.0569	0.00274	29.8	0.0357	11.9	0.000971	0.000971	0.00000502	0.00316	0.000583	0.0207	0.00884	0.00000528	8.42	0.00000775	0.000179
2034 Sep	68.9	0.0428	0.0538	0.00264	28.5	0.0352	11.5	0.000972	0.000972	0.00000502	0.00315	0.000564	0.0199	0.00878	0.00000527	8.35	0.0000076	0.000169
2034 Oct	68.5	0.0423	0.0532	0.00262	28.3	0.0351	11.5	0.000971	0.000971	0.00000501	0.00315	0.000561	0.0199	0.00878	0.00000526	8.34	0.00000759	0.000166
2034 Nov	68.6	0.0424	0.0533	0.00262	28.3	0.0351	11.5	0.000971	0.000971	0.00000501	0.00315	0.000562	0.0199	0.00878	0.00000526	8.35	0.00000759	0.000166
2034 Dec	68.6	0.0424	0.0533	0.00262	28.3	0.0351	11.5	0.000971	0.000971	0.00000501	0.00315	0.000562	0.0199	0.00878	0.00000526	8.35	0.00000759	0.000166
2035 Jan	68.6	0.0424	0.0533	0.00262	28.3	0.0351	11.5	0.000971	0.000971	0.00000501	0.00315	0.000562	0.0199	0.00878	0.00000526	8.35	0.00000759	0.000166
2035 Feb	68.6	0.0424	0.0533	0.00262	28.3	0.0351	11.5	0.000971	0.000971	0.00000501	0.00315	0.000562	0.0199	0.00878	0.00000526	8.35	0.00000759	0.000166
2035 Mar	68.6	0.0424	0.0533	0.00262	28.3	0.0351	11.5	0.000971	0.000971	0.00000501	0.00315	0.000562	0.0199	0.00878	0.00000526	8.35	0.00000759	0.000166
2035 Apr	68.6	0.0424	0.0533	0.00262	28.3	0.0351	11.5	0.000971	0.000971	0.00000501	0.00315	0.000562	0.0199	0.00878	0.00000526	8.35	0.00000759	0.000166
2035 May	68.7	0.0425	0.0534	0.00263	28.4	0.0352	11.5	0.000972	0.000972	0.00000501	0.00315	0.000563	0.0199	0.00879	0.00000526	8.36	0.0000076	0.000167
2035 Jun	70.5	0.0438	0.0551	0.00268	29	0.0356	12	0.000968	0.000968	0.00000501	0.00317	0.000583	0.0208	0.00886	0.00000527	8.44	0.00000775	0.000175
2035 Jul	69.1	0.0425	0.0534	0.00263	28.3	0.0354	11.8	0.00097	0.00097	0.00000501	0.00315	0.000575	0.0204	0.00881	0.00000526	8.39	0.0000077	0.000175
2035 Aug	66.6	0.0403	0.0506	0.00253	27.1	0.035	11.3	0.000972	0.000972	0.00000501	0.00313	0.000557	0.0195	0.00874	0.00000525	8.3	0.00000756	0.000169
2035 Sep	65.1	0.0389	0.0487	0.00247	26.4	0.0347	11.1	0.000972	0.000972	0.00000501	0.00313	0.000547	0.0191	0.00871	0.00000524	8.26	0.00000747	0.000162
2035 Oct	64.3	0.0381	0.0477	0.00243	26	0.0345	10.9	0.000972	0.000972	0.000005	0.00312	0.00054	0.0189	0.00869	0.00000523	8.23	0.00000743	0.000159
2035 Nov	64.7	0.0384	0.0481	0.00244	26.1	0.0346	11	0.000971	0.000971	0.000005	0.00312	0.000543	0.019	0.0087	0.00000523	8.25	0.00000745	0.00016
2035 Dec	64.7	0.0384	0.0481	0.00244	26.1	0.0346	11	0.000971	0.000971	0.000005	0.00312	0.000543	0.019	0.0087	0.00000523	8.25	0.00000745	0.00016
2036 Jan	64.7	0.0384	0.0481	0.00244	26.1	0.0346	11	0.000971	0.000971	0.000005	0.00312	0.000543	0.019	0.0087	0.00000523	8.25	0.00000745	0.00016
2036 Feb	64.7	0.0384	0.0481	0.00244	26.1	0.0346	11	0.000971	0.000971	0.000005	0.00312	0.000543	0.019	0.0087	0.00000523	8.25	0.00000745	0.00016
2036 Mar	64.7	0.0384	0.0481	0.00244	26.1	0.0346	11	0.000971	0.000971	0.000005	0.00312	0.000543	0.019	0.0087	0.00000523	8.25	0.00000745	0.00016
2036 Apr	64.7	0.0384	0.0481	0.00244	26.1	0.0346	11	0.000971	0.000971	0.000005	0.00313	0.000544	0.019	0.0087	0.00000523	8.25	0.00000745	0.00016
2036 May	64.8	0.0385	0.0482	0.00245	26.2	0.0346	11.1	0.000972	0.000972	0.00000501	0.00313	0.000544	0.0191	0.00871	0.00000524	8.26	0.00000746	0.00016
2036 Jun	65.2	0.0387	0.0485	0.00246	26.3	0.0348	11.2	0.00097	0.00097	0.000005	0.00313	0.000551	0.0193	0.00872	0.00000523	8.28	0.00000751	0.000163
2036 Jul	64.1	0.0378	0.0472	0.00242	25.7	0.0346	11	0.000971	0.000971	0.000005	0.00312	0.000545	0.019	0.00868	0.00000523	8.24	0.00000747	0.000164
2036 Aug	62	0.036	0.0449	0.00234	24.8	0.0342	10.6	0.000974	0.000974	0.00000501	0.0031	0.000529	0.0182	0.00862	0.00000523	8.16	0.00000734	0.000158
2036 Sep	60.5	0.0346	0.0431	0.00228	24	0.0339	10.4	0.000975	0.000975	0.00000501	0.0031	0.000516	0.0177	0.00859	0.00000522	8.11	0.00000725	0.000152
2036 Oct	60	0.034	0.0424	0.00225	23.8	0.0338	10.3	0.000975	0.000975	0.00000501	0.00309	0.000512	0.0176	0.00857	0.00000521	8.1	0.00000722	0.000149
2036 Nov	60.1	0.0341	0.0425	0.00226	23.8	0.0338	10.3	0.000975	0.000975	0.00000501	0.00309	0.000513	0.0176	0.00858	0.00000521	8.1	0.00000722	0.000149
2036 Dec	60.1	0.0341	0.0426	0.00226	23.8	0.0338	10.3	0.000975	0.000975	0.00000501	0.00309	0.000513	0.0176	0.00858	0.00000521	8.1	0.00000723	0.00015
2037 Jan	60.1	0.0341	0.0426	0.00226	23.8	0.0338	10.3	0.000975	0.000975	0.00000501	0.00309	0.000513	0.0176	0.00858	0.00000521	8.1	0.00000723	0.00015
2037 Feb	60.1	0.0341	0.0426	0.00226	23.8	0.0338	10.3	0.000975	0.000975	0.00000501	0.00309	0.000513	0.0176	0.00858	0.00000521	8.1	0.00000723	0.00015
2037 Mar	60.1	0.0341	0.0426	0.00226	23.8	0.0338	10.3	0.000975	0.000975	0.00000501	0.00309	0.000513	0.0176	0.00858	0.00000521	8.1	0.00000723	0.00015
2037 Apr	60.1	0.0341	0.0426	0.00226	23.8	0.0338	10.3	0.000975	0.000975	0.00000501	0.00309	0.000513	0.0176	0.00858	0.00000521	8.1	0.00000723	0.00015
2037 May	60.3	0.0343	0.0427	0.00226	23.9	0.0339	10.4	0.000975	0.000975	0.00000501	0.0031	0.000516	0.0177	0.00859	0.00000521	8.12	0.00000725	0.00015
2037 Jun	60.9	0.0346	0.0432	0.00228	24.1	0.0341	10.6	0.000972	0.000972	0.000005	0.0031	0.000525	0.0181	0.00862	0.00000521	8.16	0.00000731	0.000154
2037 Jul	59.8	0.0337	0.042	0.00224	23.5	0.0339	10.3	0.000974	0.000974	0.000005	0.00309	0.000517	0.0177	0.00858	0.00000521	8.11	0.00000725	0.000153
2037 Aug	58.2	0.0324	0.0403	0.00218	22.8	0.0336	10	0.000977	0.000977	0.00000501	0.00308	0.000504	0.0171	0.00854	0.00000521	8.05	0.00000716	0.000149
2037 Sep	56.9	0.0312	0.0387	0.00213	22.2	0.0333	9.78	0.000978	0.000978	0.00000501	0.00307	0.000492	0.0166	0.00851	0.0000052	8.01	0.00000707	0.000143
2037 Oct	56.3	0.0307	0.0381	0.00211	21.9	0.0331	9.67	0.000978	0.000978	0.00000501	0.00307	0.000487	0.0164	0.00849	0.0000052	7.99	0.00000703	0.000141
2037 Nov	56.3	0.0307	0.0381	0.00211	21.9	0.0331	9.67	0.000978	0.000978	0.00000501	0.00307	0.000487	0.0164	0.00849	0.0000052	7.99	0.00000704	0.000141
2037 Dec	56.3	0.0307	0.0381	0.00211	21.9	0.0331	9.67	0.000978	0.000978	0.00000501	0.00307	0.000487	0.0164	0.00849	0.0000052	7.99	0.00000704	0.000141
2038 Jan	56.3	0.0307	0.0381	0.00211	21.9	0.0331	9.67	0.000978	0.000978	0.00000501	0.00307	0.000487	0.0164	0.00849	0.0000052	7.99	0.00000704	0.000141
2038 Feb	56.3	0.0307	0.0381	0.00211	21.9	0.0331	9.67	0.000978	0.000978	0.00000501	0.00307	0.000487	0.0164	0.00849	0.0000052	7.99	0.00000704	0.000141
2038 Mar	56.3	0.0307	0.0381	0.00211	21.9	0.0331	9.67	0.000978	0.000978	0.00000501	0.00307	0.000487	0.0164	0.00849	0.0000052	7.99	0.00000704	0.000141
2038 Apr	56.3	0.0307	0.0381	0.00211	21.9	0.0331	9.67	0.000978	0.000978	0.00000501	0.00307	0.000487	0.0164	0.00849	0.0000052	7.99	0.00000704	0.000141
2038 May	56.4	0.0307	0.0381	0.00211	22	0.0332	9.69	0.000979	0.000979	0.00000501	0.00307	0.000488	0.0164	0.0085	0.0000052	8	0.00000704	0.000141
2038 Jun	56.3	0.0307	0.038	0.00211	21.9	0.0332	9.71	0.000977	0.000977	0.00000501	0.00307	0.00049	0.0165	0.0085	0.00000519	8	0.00000705	0.000142
2038 Jul	56	0.0303	0.0376	0.00209	21.7	0.0331	9.64	0.00098	0.00098	0.00000502	0.00307	0.000487	0.0163	0.0085	0.0000052	7.99	0.00000704	0.000142
2038 Aug	56.2	0.0305	0.0378	0.0021	21.8	0.0332	9.69	0.000981	0.000981	0.00000503	0.00307	0.000489	0.0164	0.00852	0.00000521	8.01	0.00000706	0.000142
2038 Sep	56.3	0.0305	0.0379	0.0021	21.9	0.0333	9.73	0.000981	0.000981	0.00000503	0.00307	0.000491	0.0165	0.00852	0.00000521	8.02	0.00000707	0.000143
2038 Oct	56.4	0.0306	0.0379	0.00211	21.9	0.0333	9.75	0.000981	0.000981	0.00000503	0.00308	0.000492	0.0165	0.00853	0.00000521	8.03	0.00000708	0.000143
2038 Nov	56.4	0.0306	0.0379	0.00211	21.9	0.0333	9.75	0.000981	0.000981	0.00000503	0.00308	0.000492	0.0165	0.00853	0.00000521	8.03	0.00000708	0.000143
2038 Dec	56.4	0.0306	0.0379	0.00211	21.9	0.0333	9.75	0.000981	0.000981	0.00000503	0.00308	0.000492	0.0165	0.00853	0.00000521	8.03	0.00000708	0.000143

Appendix C.2-13: TIRI01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000612	0.00458	0.0145	0.0000382	30.8	31	0.223	0.00855	372	0.0229	0.0102	0.0000726	0.00363	0.00136	1.29	0.0000034	0.00893	0.00164	0.00279	0.00907
Operation (2024-2031): Mean	0.000706	0.00463	0.0149	0.0000407	32.2	31.9	0.227	0.00931	550	0.0232	0.0147	0.0000912	0.00369	0.00145	1.34	0.00000385	0.0092	0.00206	0.00313	0.00936
Operation (2024-2031): Max	0.00085	0.00478	0.0156	0.0000426	33.4	33.1	0.234	0.0105	641	0.024	0.0215	0.000119	0.00382	0.00153	1.43	0.00000455	0.00954	0.0027	0.00365	0.00971
Active Closure (2032-2038): Min	0.0000927	0.00084	0.013	0.00000163	1.62	1.82	0.00774	0.000254	10.1	0.000963	0.00439	0.0000378	0.000106	0.0000753	0.0573	0.00000202	0.000233	0.0000903	0.000845	0.000222
Active Closure (2032-2038): Mean	0.000136	0.0011	0.0135	0.00000433	3.72	3.89	0.0229	0.000891	35.5	0.00251	0.00517	0.0000436	0.000354	0.00017	0.147	0.00000216	0.000851	0.000233	0.00101	0.000852
Active Closure (2032-2038): Max	0.000753	0.00469	0.0175	0.0000405	32.2	32	0.231	0.00972	378	0.0236	0.0167	0.000101	0.00372	0.00144	1.38	0.00000408	0.00922	0.00226	0.0033	0.00938
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2038)																				
2024 Jan	0.000712	0.00466	0.015	0.0000409	32.4	32.1	0.228	0.00939	621	0.0234	0.0149	0.0000921	0.00371	0.00146	1.35	0.00000389	0.00925	0.00208	0.00315	0.00941
2024 Feb	0.000712	0.00466	0.015	0.0000409	32.4	32.1	0.228	0.00939	621	0.0234	0.0149	0.0000921	0.00371	0.00146	1.35	0.00000389	0.00925	0.00208	0.00315	0.00941
2024 Mar	0.000713	0.00467	0.015	0.000041	32.4	32.1	0.229	0.0094	622	0.0234	0.0149	0.0000922	0.00372	0.00146	1.35	0.00000389	0.00927	0.00208	0.00316	0.00943
2024 Apr	0.000715	0.00468	0.015	0.0000411	32.5	32.2	0.229	0.00942	623	0.0235	0.015	0.0000925	0.00373	0.00147	1.36	0.0000039	0.00929	0.00209	0.00317	0.00945
2024 May	0.00076	0.00473	0.0154	0.0000408	32.4	32.3	0.233	0.00983	624	0.0238	0.0169	0.000101	0.00375	0.00146	1.39	0.00000412	0.00931	0.00228	0.00334	0.00946
2024 Jun	0.000783	0.00463	0.0152	0.0000391	31.2	31.2	0.229	0.00993	603	0.0233	0.0185	0.000106	0.00365	0.00139	1.39	0.00000422	0.009	0.00241	0.00341	0.00914
2024 Jul	0.000676	0.00465	0.0148	0.0000416	32.7	32.4	0.227	0.00909	627	0.0233	0.0132	0.000085	0.00373	0.00149	1.33	0.00000371	0.00933	0.00192	0.00302	0.0095
2024 Aug	0.00064	0.00463	0.0146	0.0000421	33	32.5	0.225	0.00879	630	0.0231	0.0116	0.0000782	0.00373	0.00151	1.31	0.00000354	0.00938	0.00176	0.00289	0.00955
2024 Sep	0.000679	0.00461	0.0147	0.000041	32.3	32	0.225	0.00908	619	0.0231	0.0135	0.0000861	0.00369	0.00147	1.32	0.00000373	0.00922	0.00195	0.00303	0.00938
2024 Oct	0.000712	0.00461	0.0149	0.0000403	31.9	31.7	0.226	0.00934	612	0.0231	0.0151	0.0000927	0.00367	0.00144	1.34	0.00000388	0.00913	0.00209	0.00315	0.00929
2024 Nov	0.00075	0.00462	0.015	0.0000397	31.5	31.4	0.227	0.00965	607	0.0232	0.0169	0.0001	0.00366	0.00141	1.36	0.00000406	0.00906	0.00226	0.00328	0.00921
2024 Dec	0.000749	0.00462	0.0151	0.0000397	31.6	31.5	0.228	0.00965	608	0.0232	0.0169	0.0000998	0.00366	0.00142	1.37	0.00000406	0.00907	0.00226	0.00328	0.00922
2025 Jan	0.000749	0.00462	0.0151	0.0000397	31.6	31.5	0.228	0.00965	608	0.0232	0.0169	0.0000998	0.00366	0.00142	1.37	0.00000406	0.00907	0.00226	0.00328	0.00922
2025 Feb	0.000749	0.00462	0.0151	0.0000397	31.6	31.5	0.228	0.00965	608	0.0232	0.0169	0.0000998	0.00366	0.00142	1.37	0.00000406	0.00907	0.00226	0.00328	0.00922
2025 Mar	0.000749	0.00463	0.0151	0.0000397	31.6	31.5	0.228	0.00966	609	0.0233	0.0169	0.0000998	0.00367	0.00142	1.37	0.00000406	0.00908	0.00226	0.00328	0.00923
2025 Apr	0.00075	0.00463	0.0151	0.0000398	31.6	31.5	0.228	0.00966	609	0.0233	0.0169	0.0000999	0.00367	0.00142	1.37	0.00000407	0.00908	0.00226	0.00329	0.00924
2025 May	0.000766	0.00473	0.0154	0.0000407	32.3	32.2	0.233	0.00988	623	0.0238	0.0172	0.000102	0.00375	0.00145	1.4	0.00000415	0.00928	0.00231	0.00336	0.00944
2025 Jun	0.000779	0.00467	0.0153	0.0000397	31.7	31.6	0.231	0.00993	610	0.0235	0.0181	0.000105	0.00369	0.00141	1.39	0.00000421	0.00911	0.00238	0.0034	0.00926
2025 Jul	0.000743	0.00463	0.0151	0.00004	31.8	31.6	0.228	0.00962	611	0.0233	0.0165	0.0000986	0.00368	0.00143	1.36	0.00000403	0.00911	0.00223	0.00326	0.00926
2025 Aug	0.000626	0.00462	0.0145	0.0000423	33.1	32.6	0.224	0.00867	631	0.0231	0.0109	0.0000756	0.00372	0.00152	1.3	0.00000348	0.00939	0.0017	0.00284	0.00956
2025 Sep	0.000633	0.00462	0.0145	0.0000421	32.9	32.4	0.224	0.00872	629	0.0231	0.0113	0.000077	0.00372	0.00151	1.3	0.00000351	0.00936	0.00174	0.00286	0.00953
2025 Oct	0.000669	0.00459	0.0146	0.000041	32.3	31.9	0.224	0.00898	617	0.023	0.0131	0.0000843	0.00367	0.00147	1.31	0.00000367	0.0092	0.0019	0.00299	0.00936
2025 Nov	0.000669	0.00458	0.0146	0.0000408	32.1	31.8	0.223	0.00898	615	0.0229	0.0132	0.0000845	0.00366	0.00146	1.31	0.00000367	0.00917	0.00191	0.00299	0.00933
2025 Dec	0.000669	0.00458	0.0146	0.0000408	32.2	31.8	0.223	0.00898	616	0.0229	0.0132	0.0000845	0.00366	0.00146	1.31	0.00000367	0.00917	0.00191	0.00299	0.00933
2026 Jan	0.000669	0.00458	0.0146	0.0000408	32.2	31.8	0.223	0.00898	616	0.0229	0.0132	0.0000845	0.00366	0.00146	1.31	0.00000368	0.00917	0.00191	0.00299	0.00933
2026 Feb	0.000669	0.00458	0.0146	0.0000408	32.2	31.8	0.223	0.00898	616	0.0229	0.0132	0.0000845	0.00366	0.00146	1.31	0.00000368	0.00917	0.00191	0.00299	0.00933
2026 Mar	0.00067	0.00458	0.0146	0.0000409	32.2	31.8	0.224	0.00898	616	0.0229	0.0132	0.0000846	0.00367	0.00146	1.31	0.00000368	0.00917	0.00191	0.00299	0.00934
2026 Apr	0.000671	0.00459	0.0146	0.000041	32.2	31.9	0.224	0.009	617	0.023	0.0132	0.0000848	0.00367	0.00147	1.32	0.00000368	0.0092	0.00191	0.003	0.00936
2026 May	0.000678	0.00463	0.0148	0.0000413	32.5	32.2	0.226	0.00909	623	0.0232	0.0134	0.0000857	0.0037	0.00148	1.33	0.00000372	0.00927	0.00194	0.00303	0.00944
2026 Jun	0.000768	0.00461	0.0151	0.0000392	31.2	31.2	0.228	0.00979	603	0.0232	0.0178	0.000104	0.00364	0.00139	1.37	0.00000415	0.00899	0.00235	0.00335	0.00914
2026 Jul	0.00072	0.00468	0.0151	0.000041	32.4	32.2	0.229	0.00946	622	0.0235	0.0152	0.0000936	0.00372	0.00146	1.36	0.00000393	0.00927	0.00211	0.00318	0.00943
2026 Aug	0.000632	0.00463	0.0146	0.0000423	33.1	32.6	0.225	0.00873	632	0.0231	0.0112	0.0000766	0.00373	0.00152	1.3	0.0000035	0.0094	0.00173	0.00286	0.00957
2026 Sep	0.000612	0.00462	0.0145	0.0000426	33.2	32.7	0.224	0.00855	634	0.0231	0.0102	0.0000726	0.00373	0.00153	1.29	0.0000034	0.00943	0.00164	0.00279	0.0096
2026 Oct	0.000683	0.00463	0.0148	0.0000411	32.4	32.1	0.226	0.00913	621	0.0232	0.0137	0.0000868	0.0037	0.00147	1.33	0.00000375	0.00925	0.00196	0.00304	0.00941
2026 Nov	0.000688	0.00465	0.0149	0.0000413	32.5	32.2	0.227	0.00919	623	0.0233	0.0138	0.0000876	0.00371	0.00148	1.34	0.00000377	0.00929	0.00198	0.00307	0.00945
2026 Dec	0.000689	0.00465	0.0149	0.0000413	32.6	32.2	0.227	0.00919	624	0.0233	0.0138	0.0000876	0.00372	0.00148	1.34	0.00000378	0.00929	0.00198	0.00307	0.00946
2027 Jan	0.000689	0.00465	0.0149	0.0000413	32.6	32.2	0.227	0.00919	624	0.0233	0.0138	0.0000876	0.00372	0.00148	1.34	0.00000378	0.00929	0.00198	0.00307	0.00946
2027 Feb	0.000689	0.00465	0.0149	0.0000413	32.6	32.2	0.227	0.00919	624	0.0233	0.0138	0.0000876	0.00372	0.00148	1.34	0.00000378	0.00929	0.00198	0.00307	0.00946
2027 Mar	0.000689	0.00465	0.0149	0.0000413	32.6	32.2	0.227	0.0092	624	0.0233	0.0139	0.0000877	0.00372	0.00148	1.34	0.00000378	0.0093	0.00198	0.00307	0.00946
2027 Apr	0.000694	0.00469	0.015	0.0000416	32.8	32.5	0.229	0.00926	629	0.0235	0.0139	0.0000883	0.00375	0.00149	1.35	0.0000038	0.00936	0.00199	0.00309	0.00953
2027 May	0.000713	0.00478	0.0153	0.0000424	33.4	33.1	0.234	0.00949	641	0.024	0.0145	0.0000911	0.00382	0.00152	1.38	0.00000391	0.00954	0.00206	0.00317	0.00971
2027 Jun	0.000776	0.00461	0.0151	0.000039	31.2	31.1	0.228	0.00986	601	0.0232	0.0182	0.000105	0.00364	0.00139	1.38	0.00000419	0.00897	0.00238	0.00338	0.00912
2027 Jul	0.000732	0.00467	0.0151	0.0000406	32.2	32	0.229	0.00955	619	0.0234	0.0159	0.000096	0.00371	0.00145	1.37	0.00000398	0.00922	0.00217	0.00323	0.00938
2027 Aug	0.000631	0.00463	0.0146	0.0000423	33.1	32.6	0.225	0.00871	631	0.0231	0.0111	0.0000764	0.00373	0.00152	1.3	0.0000035	0.00939	0.00172	0.00286	0.00956
2027 Sep	0.000674	0.00461	0.0147	0.0000412	32.4	32	0.225	0.00904	621	0.0231	0.0133	0.0000851	0.00369	0.00147	1.32	0.0000037	0.00924	0.00192	0.00301	0.00941
2027 Oct	0.000673	0.00463	0.0147	0.0000414	32.6	32.2	0.226	0.00904	623	0.0232	0.0132	0.0000847	0.0037	0.00148	1.32	0.0000037	0.00928	0.00191	0.00301	0.00944
2027 Nov	0.000686	0.00464	0.0148	0.0000412	32.5	32.1	0.226	0.00916	622	0.0232	0.0138	0.0000873	0.00371	0.00147	1.33	0.00000376	0.00926	0.00197	0.00306	0.00943
2027 Dec	0.000686	0.00464	0.0148	0.0000412	32.5	32.1	0.226	0.00916	622	0.0232	0.0138	0.0000873	0.00371	0.00147	1.33	0.00000376	0.00927	0.00197	0.00306	0.00943
2028 Jan	0.000686	0.00464	0.0148	0.0000412	32.5	32.1	0.226	0.00916	622	0.0232	0.0138	0.0000873	0.00371	0.00147	1.33	0.00000376	0.00927	0.00197	0.00306	0.00943
2028 Feb	0.000686	0.00464	0.0148	0.0000412	32.5	32.1	0.226	0.00916	622	0.0232	0.0138	0.0000873	0.00371	0.00147	1.33	0.00000376	0.00927	0.00197	0.00306	0.00943
2028 Mar	0.000686	0.00464	0.0148	0.0000412	32.5	32.1	0.227	0.00916	622	0.0232	0.0138	0.0000873	0.00371	0.00147	1.33	0.00000376	0.00927	0.00197	0.00306	0.00943
2028 Apr	0.000689	0.00465	0.0149	0.0000413	32.6	32.2	0.227	0.00919	624	0.0233	0.0138	0.0000876	0.00372	0.00148	1.34	0.00000378	0.0093	0.00198	0.00307	0.00946
2028 May	0.000698	0.00472	0.0151	0.0000419	33.1	32.7	0.231	0.00932	633	0.0236	0.014	0.0000888	0.00377	0.0015	1.36	0.00000383	0.00943	0.002	0.00311	0.0096
2028 Jun	0.000766	0.00463	0.0151	0.0000394	31.4	31.3	0.228	0.00979	550	0.0233	0.0177	0.000103	0.00366	0.0014	1.38	0.00000414	0.00904	0.00233	0.00335	0.00919
2028 Jul	0.000757	0.00461	0.0151	0.0000394	31.4	31.3	0.227	0.0097	534	0.0232	0.0173	0.000102	0.00365	0.0014	1.37	0.0000041	0.00901	0.0023	0.00331	0.00916
2028 Aug	0.000685	0.00461	0.0148	0.0000409	32.3	31.9	0.225	0.00913	545	0.0231	0.0138	0.0000872	0.00369	0.00146	1.33	0.00000375	0.00921	0.00197	0.00305	0.00938

Appendix C.2-13: TIRI01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Sep	0.000649	0.00462	0.0146	0.0000417	32.7	32.3	0.225	0.00884	550	0.0231	0.012	0.00008	0.00371	0.0015	1.31	0.00000358	0.00932	0.00181	0.00292	0.00949
2028 Oct	0.000743	0.00459	0.015	0.0000395	31.4	31.3	0.226	0.00958	534	0.0231	0.0167	0.0000989	0.00364	0.00141	1.36	0.00000403	0.00902	0.00224	0.00326	0.00917
2028 Nov	0.000783	0.0046	0.0152	0.0000388	31	31	0.228	0.00991	530	0.0232	0.0186	0.000107	0.00363	0.00138	1.38	0.00000422	0.00894	0.00241	0.0034	0.00908
2028 Dec	0.000783	0.00461	0.0152	0.0000388	31	31	0.228	0.00991	531	0.0232	0.0186	0.000107	0.00363	0.00138	1.38	0.00000422	0.00894	0.00242	0.0034	0.00909
2029 Jan	0.000783	0.00461	0.0152	0.0000388	31	31	0.228	0.00991	531	0.0232	0.0186	0.000107	0.00363	0.00138	1.38	0.00000422	0.00894	0.00242	0.0034	0.00909
2029 Feb	0.000783	0.00461	0.0152	0.0000388	31	31	0.228	0.00991	531	0.0232	0.0186	0.000107	0.00363	0.00138	1.38	0.00000422	0.00894	0.00242	0.0034	0.00909
2029 Mar	0.000784	0.00461	0.0152	0.0000388	31.1	31	0.228	0.00992	531	0.0232	0.0186	0.000107	0.00363	0.00138	1.38	0.00000422	0.00895	0.00242	0.0034	0.00909
2029 Apr	0.000784	0.00461	0.0152	0.0000389	31.1	31.1	0.228	0.00993	532	0.0232	0.0186	0.000107	0.00364	0.00138	1.38	0.00000423	0.00896	0.00242	0.00341	0.0091
2029 May	0.000792	0.00466	0.0153	0.0000393	31.4	31.4	0.231	0.01	537	0.0235	0.0188	0.000108	0.00368	0.0014	1.4	0.00000427	0.00905	0.00244	0.00344	0.0092
2029 Jun	0.00085	0.00467	0.0156	0.0000382	30.8	31	0.233	0.0105	507	0.0236	0.0215	0.000119	0.00366	0.00136	1.43	0.00000455	0.00893	0.0027	0.00365	0.00907
2029 Jul	0.000702	0.00465	0.0149	0.0000411	32.4	32.1	0.228	0.0093	484	0.0233	0.0145	0.0000902	0.00371	0.00147	1.35	0.00000384	0.00927	0.00204	0.00312	0.00943
2029 Aug	0.000651	0.00463	0.0146	0.0000418	32.8	32.4	0.225	0.00887	485	0.0231	0.0121	0.0000803	0.00372	0.0015	1.31	0.00000359	0.00934	0.00181	0.00293	0.0095
2029 Sep	0.000645	0.00462	0.0146	0.0000418	32.8	32.4	0.225	0.00881	484	0.0231	0.0118	0.0000792	0.00371	0.0015	1.31	0.00000356	0.00933	0.00179	0.0029	0.0095
2029 Oct	0.000675	0.00461	0.0147	0.0000411	32.3	32	0.225	0.00905	480	0.0231	0.0134	0.0000854	0.00369	0.00147	1.32	0.00000371	0.00923	0.00193	0.00301	0.00939
2029 Nov	0.000685	0.00459	0.0147	0.0000407	32.1	31.8	0.224	0.00911	477	0.023	0.0139	0.0000875	0.00367	0.00145	1.32	0.00000375	0.00916	0.00198	0.00305	0.00932
2029 Dec	0.000685	0.00459	0.0147	0.0000407	32.1	31.8	0.225	0.00912	478	0.023	0.0139	0.0000875	0.00367	0.00146	1.32	0.00000375	0.00916	0.00198	0.00305	0.00933
2030 Jan	0.000685	0.00459	0.0147	0.0000407	32.1	31.8	0.225	0.00912	478	0.023	0.0139	0.0000875	0.00367	0.00146	1.32	0.00000375	0.00917	0.00198	0.00305	0.00933
2030 Feb	0.000685	0.00459	0.0147	0.0000407	32.1	31.8	0.225	0.00912	478	0.023	0.0139	0.0000875	0.00367	0.00146	1.32	0.00000375	0.00917	0.00198	0.00305	0.00933
2030 Mar	0.000686	0.0046	0.0147	0.0000407	32.1	31.8	0.225	0.00912	478	0.023	0.0139	0.0000876	0.00367	0.00146	1.32	0.00000375	0.00917	0.00198	0.00305	0.00933
2030 Apr	0.000686	0.0046	0.0147	0.0000408	32.2	31.8	0.225	0.00914	479	0.0231	0.0139	0.0000877	0.00368	0.00146	1.33	0.00000376	0.00918	0.00198	0.00305	0.00934
2030 May	0.000695	0.00466	0.0149	0.0000413	32.6	32.2	0.228	0.00925	485	0.0234	0.0141	0.0000888	0.00372	0.00148	1.34	0.00000381	0.0093	0.00201	0.00309	0.00946
2030 Jun	0.000779	0.00462	0.0152	0.0000391	31.2	31.2	0.228	0.00989	435	0.0233	0.0183	0.000106	0.00365	0.00139	1.38	0.0000042	0.00899	0.00239	0.00339	0.00914
2030 Jul	0.000694	0.00463	0.0148	0.000041	32.3	32	0.226	0.00922	425	0.0232	0.0142	0.0000889	0.0037	0.00146	1.34	0.0000038	0.00923	0.00201	0.00308	0.00939
2030 Aug	0.000639	0.00462	0.0146	0.0000419	32.9	32.4	0.224	0.00877	427	0.0231	0.0116	0.0000782	0.00371	0.0015	1.3	0.00000354	0.00934	0.00176	0.00289	0.00951
2030 Sep	0.000618	0.00462	0.0145	0.0000424	33.1	32.6	0.224	0.0086	428	0.0231	0.0105	0.0000739	0.00373	0.00152	1.29	0.00000343	0.00941	0.00167	0.00281	0.00958
2030 Oct	0.000657	0.00461	0.0146	0.0000415	32.6	32.2	0.225	0.0089	426	0.0231	0.0124	0.0000816	0.0037	0.00149	1.31	0.00000362	0.00929	0.00184	0.00295	0.00945
2030 Nov	0.000675	0.00461	0.0147	0.0000411	32.3	32	0.225	0.00905	424	0.0231	0.0134	0.0000854	0.00369	0.00147	1.32	0.00000371	0.00923	0.00193	0.00301	0.00939
2030 Dec	0.000675	0.00461	0.0147	0.0000411	32.4	32	0.225	0.00905	424	0.0231	0.0134	0.0000854	0.00369	0.00147	1.32	0.00000371	0.00923	0.00193	0.00301	0.00939
2031 Jan	0.000675	0.00461	0.0147	0.0000411	32.4	32	0.225	0.00905	424	0.0231	0.0134	0.0000854	0.00369	0.00147	1.32	0.00000371	0.00923	0.00193	0.00301	0.00939
2031 Feb	0.000675	0.00461	0.0147	0.0000411	32.4	32	0.225	0.00905	424	0.0231	0.0134	0.0000854	0.00369	0.00147	1.32	0.00000371	0.00923	0.00193	0.00301	0.00939
2031 Mar	0.000676	0.00461	0.0147	0.0000411	32.4	32	0.225	0.00906	424	0.0231	0.0134	0.0000854	0.00369	0.00147	1.32	0.00000371	0.00923	0.00193	0.00302	0.0094
2031 Apr	0.000679	0.00463	0.0148	0.0000413	32.5	32.2	0.226	0.0091	426	0.0232	0.0134	0.0000858	0.00371	0.00148	1.33	0.00000373	0.00928	0.00194	0.00303	0.00944
2031 May	0.000713	0.0047	0.0151	0.0000414	32.7	32.4	0.23	0.00943	426	0.0236	0.0148	0.0000919	0.00375	0.00148	1.36	0.0000039	0.00935	0.00208	0.00316	0.00951
2031 Jun	0.000793	0.00467	0.0154	0.0000393	31.4	31.4	0.231	0.01	391	0.0235	0.0188	0.000108	0.00368	0.0014	1.4	0.00000427	0.00906	0.00244	0.00344	0.00921
2031 Jul	0.000732	0.00468	0.0151	0.0000407	32.3	32.1	0.23	0.00956	386	0.0235	0.0158	0.0000959	0.00372	0.00145	1.37	0.00000398	0.00925	0.00217	0.00323	0.0094
2031 Aug	0.000645	0.00463	0.0146	0.000042	32.9	32.4	0.225	0.00882	377	0.0231	0.0118	0.0000791	0.00372	0.0015	1.31	0.00000356	0.00936	0.00178	0.00291	0.00953
2031 Sep	0.000682	0.00461	0.0147	0.000041	32.3	31.9	0.225	0.0091	374	0.0231	0.0137	0.0000867	0.00368	0.00147	1.32	0.00000374	0.00921	0.00196	0.00304	0.00937
2031 Oct	0.000739	0.0046	0.015	0.0000397	31.5	31.4	0.226	0.00955	372	0.0231	0.0165	0.000098	0.00365	0.00141	1.35	0.00000401	0.00904	0.00222	0.00324	0.00919
2031 Nov	0.000744	0.00461	0.015	0.0000397	31.6	31.4	0.227	0.00961	373	0.0232	0.0167	0.000099	0.00366	0.00142	1.36	0.00000404	0.00906	0.00224	0.00326	0.00921
2031 Dec	0.000745	0.00461	0.015	0.0000397	31.6	31.4	0.227	0.00961	373	0.0232	0.0167	0.000099	0.00366	0.00142	1.36	0.00000404	0.00906	0.00224	0.00326	0.00921
2032 Jan	0.000745	0.00461	0.015	0.0000397	31.6	31.4	0.227	0.00961	373	0.0232	0.0167	0.000099	0.00366	0.00142	1.36	0.00000404	0.00906	0.00224	0.00326	0.00921
2032 Feb	0.000745	0.00461	0.015	0.0000397	31.6	31.4	0.227	0.00961	373	0.0232	0.0167	0.000099	0.00366	0.00142	1.36	0.00000404	0.00906	0.00224	0.00326	0.00921
2032 Mar	0.000745	0.00462	0.015	0.0000397	31.6	31.4	0.227	0.00961	374	0.0232	0.0167	0.0000991	0.00366	0.00142	1.36	0.00000404	0.00906	0.00224	0.00327	0.00921
2032 Apr	0.000747	0.00463	0.0151	0.0000398	31.7	31.5	0.228	0.00964	375	0.0233	0.0167	0.0000994	0.00367	0.00142	1.37	0.00000405	0.00909	0.00225	0.00328	0.00924
2032 May	0.000753	0.00469	0.0157	0.0000405	32.2	32	0.231	0.00972	378	0.0236	0.0167	0.000101	0.00372	0.00144	1.38	0.00000408	0.00922	0.00226	0.0033	0.00938
2032 Jun	0.000185	0.00159	0.0175	0.00000956	7.46	7.54	0.0496	0.00188	76	0.00523	0.00603	0.0000628	0.000792	0.000344	0.292	0.00000232	0.00195	0.000441	0.00127	0.00197
2032 Jul	0.000112	0.00118	0.0155	0.00000521	4.15	4.27	0.0252	0.000893	37.5	0.00282	0.00478	0.0000527	0.000402	0.000195	0.152	0.00000211	0.000982	0.000214	0.001	0.000987
2032 Aug	0.0000984	0.000995	0.0143	0.00000326	2.75	2.91	0.0156	0.000544	23.4	0.00182	0.00451	0.0000433	0.00024	0.00013	0.0995	0.00000207	0.000574	0.000147	0.000914	0.00057
2032 Sep	0.0000997	0.000914	0.0133	0.00000249	2.25	2.43	0.012	0.000414	18.1	0.00142	0.00444	0.0000378	0.000179	0.000105	0.081	0.00000205	0.000419	0.000119	0.000883	0.000413
2032 Oct	0.0000997	0.000895	0.013	0.00000225	2.09	2.27	0.0108	0.000372	16.5	0.00129	0.00446	0.0000386	0.00016	0.000097	0.0751	0.00000204	0.00037	0.00011	0.000873	0.000362
2032 Nov	0.0000999	0.000896	0.013	0.00000226	2.11	2.28	0.0109	0.000376	16.6	0.0013	0.00446	0.0000386	0.000161	0.0000976	0.0756	0.00000204	0.000374	0.000111	0.000874	0.000366
2032 Dec	0.0001	0.000898	0.013	0.00000228	2.12	2.3	0.011	0.000379	16.7	0.00131	0.00446	0.0000386	0.000163	0.0000983	0.0761	0.00000204	0.000378	0.000111	0.000874	0.000371
2033 Jan	0.0001	0.000898	0.013	0.00000228	2.12	2.3	0.011	0.000379	16.7	0.00131	0.00446	0.0000386	0.000163	0.0000983	0.0761	0.00000204	0.000378	0.000111	0.000874	0.000371
2033 Feb	0.0001	0.000898	0.013	0.00000228	2.12	2.3	0.011	0.000379	16.7	0.00131	0.00446	0.0000386	0.000163	0.0000983	0.0761	0.00000204	0.000378	0.000111	0.000874	0.000371
2033 Mar	0.0001	0.000898	0.013	0.00000228	2.12	2.3	0.011	0.000379	16.8	0.00131	0.00446	0.0000386	0.000163	0.0000983	0.0761	0.00000205	0.000378	0.000111	0.000874	0.000371
2033 Apr	0.0001	0.000898	0.013	0.00000228	2.12	2.3	0.011	0.000379	16.8	0.00131	0.00446	0.0000386	0.000163	0.0000983	0.0761	0.00000205	0.000378	0.000111	0.000874	0.000371
2033 May	0.000101	0.000904	0.0132	0.00000235	2.17	2.34	0.0114	0.00039	17.1	0.00134	0.00447	0.0000395	0.000168	0.0001	0.0779	0.00000205	0.000391	0.000114	0.000878	0.000384
2033 Jun	0.000104	0.000934	0.0137	0.00000269	2.41	2.58	0.0131	0.000447	19	0.00151	0.00449	0.0000417	0.000196	0.000112	0.0867	0.00000205	0.000461	0.000125	0.00089	0.000456
2033 Jul	0.0000985	0.000926	0.0138	0.00000252	2.26	2.43	0.0122	0.000412	17.6	0.00143	0.00448	0.0000431	0.00018	0.000105	0.081	0.00000205	0.000421	0.000121	0.000882	0.000414
2033 Aug	0.0000957	0.000899	0.0137	0.00000224	2.05	2.23	0.0107	0.000362	15.5	0.00128	0.00444	0.0000413	0.000156	0.0000958	0.0732	0.00000204	0.000361	0.000112	0.000872	0.000353
2033 Sep	0.0000971	0.00088	0.0133	0.00000208	1.96	2.14	0.01	0.000337	14.5	0.0012	0.00442	0.0000392	0.000145	0.0000911	0.0699	0.00000204	0.000331	0.000105	0.000865	0.000323
2033 Oct	0.0000981	0.00088	0.0132	0.00000209	1.97	2.15	0.0101	0.00034	14.6	0.0012	0.00443	0.0000394	0.000146	0.0000915	0.0704	0.00000203	0.000334	0.000105	0.000863	0.000326
2033 Nov	0.0000982	0.00088	0.0132	0.0000021	1.98	2.16	0.0101	0.000341	14.6	0.00121	0.00443	0.0000394	0.000146	0.0000918	0.0706	0.00000203	0.000336	0.000105	0.000863	0.000328
2033 Dec	0.0000982	0.00088	0.0132	0.0000021	1.98	2.16	0.0101	0.000341	14.6	0.00121	0.00443	0.0000394	0.000146	0.0000918	0.0706	0.00000203	0.000336	0.000105	0.000863	0.000328
2034 Jan	0.0000982	0.00088	0.0132	0.0000021	1.98	2.16	0.0101	0.000341	14.6	0.00121	0.00443	0.0000394	0.000146	0.0000918	0.0706	0.00000203	0.000336	0.000105	0.000863	0.000328
2034 Feb	0.0000982	0.00088	0.0132	0.0000021	1.98	2.16	0.0101	0.000341	14.6	0.00121	0.00443	0.0000394	0.000146	0.0000918	0.0706	0.00000203	0.000336	0.000105	0.000863	0.000328
2034 Mar	0.0000982	0.00088	0.0132	0.0000021	1.98	2.16	0.0101	0.000341	14.6	0.00121	0.00443	0.0000394	0.000146	0.0000918	0.0706	0.00000203	0.000336	0.000105	0.000863	0.000328
2034 Apr	0.0000982	0.00088	0.0132	0.0000021	1.98	2.16	0.0101	0.000341	14.6	0.00121	0.00443	0.0000394	0.000146	0.0000918	0.0706	0.00000204	0.000336	0.000105	0.000863	0.000328

Appendix C.2-13: TIRI01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 May	0.0000984	0.000882	0.0132	0.00000211	1.99	2.17	0.0102	0.000343	14.7	0.00121	0.00443	0.0000395	0.000147	0.0000922	0.071	0.00000204	0.000339	0.000105	0.000864	0.000331
2034 Jun	0.0000988	0.00089	0.0135	0.0000022	2.04	2.22	0.0106	0.000356	15	0.00125	0.00444	0.0000407	0.000154	0.0000948	0.0729	0.00000204	0.000355	0.000109	0.000867	0.000347
2034 Jul	0.0000964	0.00089	0.0136	0.00000215	2	2.18	0.0103	0.000346	14.5	0.00123	0.00444	0.0000416	0.000149	0.0000931	0.0712	0.00000204	0.000344	0.000108	0.000866	0.000336
2034 Aug	0.0000948	0.000877	0.0135	0.00000201	1.89	2.07	0.0096	0.00032	13.5	0.00116	0.00442	0.0000406	0.000137	0.000088	0.0671	0.00000204	0.000312	0.000103	0.000861	0.000303
2034 Sep	0.0000958	0.000866	0.0133	0.00000192	1.84	2.03	0.00922	0.000307	12.9	0.00112	0.00441	0.0000393	0.000131	0.0000855	0.0654	0.00000203	0.000296	0.0000999	0.000857	0.000288
2034 Oct	0.0000963	0.000865	0.0132	0.00000191	1.84	2.02	0.00917	0.000306	12.9	0.00111	0.00442	0.0000394	0.00013	0.0000853	0.0653	0.00000203	0.000295	0.000099	0.000856	0.000286
2034 Nov	0.0000963	0.000865	0.0132	0.00000191	1.84	2.03	0.00918	0.000307	12.9	0.00111	0.00442	0.0000395	0.00013	0.0000854	0.0654	0.00000203	0.000296	0.0000991	0.000856	0.000287
2034 Dec	0.0000963	0.000865	0.0132	0.00000191	1.84	2.03	0.00918	0.000307	12.9	0.00111	0.00442	0.0000395	0.00013	0.0000854	0.0654	0.00000203	0.000296	0.0000991	0.000856	0.000287
2035 Jan	0.0000963	0.000865	0.0132	0.00000191	1.84	2.03	0.00918	0.000307	12.9	0.00111	0.00442	0.0000395	0.00013	0.0000854	0.0654	0.00000203	0.000296	0.0000991	0.000856	0.000287
2035 Feb	0.0000963	0.000865	0.0132	0.00000191	1.84	2.03	0.00918	0.000307	12.9	0.00111	0.00442	0.0000395	0.00013	0.0000854	0.0654	0.00000203	0.000296	0.0000991	0.000856	0.000287
2035 Mar	0.0000963	0.000865	0.0132	0.00000191	1.84	2.03	0.00918	0.000307	12.9	0.00111	0.00442	0.0000395	0.00013	0.0000854	0.0654	0.00000203	0.000296	0.0000991	0.000856	0.000287
2035 Apr	0.0000963	0.000865	0.0132	0.00000191	1.84	2.03	0.00918	0.000307	12.9	0.00111	0.00442	0.0000395	0.00013	0.0000854	0.0654	0.00000203	0.000296	0.0000991	0.000856	0.000287
2035 May	0.0000964	0.000866	0.0132	0.00000192	1.84	2.03	0.0092	0.000307	12.9	0.00111	0.00442	0.0000395	0.000131	0.0000855	0.0655	0.00000203	0.000296	0.0000993	0.000857	0.000288
2035 Jun	0.0000968	0.000872	0.0134	0.000002	1.9	2.08	0.00961	0.00032	13.2	0.00115	0.00442	0.0000401	0.000137	0.0000881	0.0675	0.00000203	0.000313	0.000102	0.000859	0.000304
2035 Jul	0.0000951	0.000873	0.0134	0.00000198	1.87	2.06	0.00946	0.000315	12.9	0.00114	0.00442	0.0000408	0.000135	0.0000871	0.0665	0.00000203	0.000306	0.000102	0.000858	0.000298
2035 Aug	0.0000943	0.000866	0.0134	0.00000191	1.82	2	0.00909	0.000302	12.3	0.00111	0.00441	0.0000401	0.000129	0.0000846	0.0645	0.00000203	0.000291	0.0000995	0.000856	0.000282
2035 Sep	0.000095	0.000859	0.0133	0.00000186	1.79	1.98	0.00889	0.000295	12	0.00108	0.0044	0.0000392	0.000125	0.0000833	0.0636	0.00000203	0.000283	0.0000974	0.000853	0.000274
2035 Oct	0.0000952	0.000857	0.0132	0.00000183	1.78	1.96	0.00875	0.000291	11.9	0.00107	0.0044	0.0000393	0.000123	0.0000824	0.063	0.00000203	0.000278	0.0000963	0.000852	0.000268
2035 Nov	0.0000953	0.000858	0.0132	0.00000185	1.79	1.97	0.00882	0.000294	11.9	0.00107	0.0044	0.0000393	0.000125	0.0000829	0.0634	0.00000203	0.000281	0.0000967	0.000852	0.000272
2035 Dec	0.0000953	0.000858	0.0132	0.00000185	1.79	1.97	0.00882	0.000294	11.9	0.00107	0.0044	0.0000393	0.000125	0.0000829	0.0634	0.00000203	0.000281	0.0000967	0.000852	0.000272
2036 Jan	0.0000953	0.000858	0.0132	0.00000185	1.79	1.97	0.00882	0.000294	11.9	0.00107	0.0044	0.0000393	0.000125	0.0000829	0.0634	0.00000203	0.000281	0.0000967	0.000852	0.000272
2036 Feb	0.0000953	0.000858	0.0132	0.00000185	1.79	1.97	0.00882	0.000294	11.9	0.00107	0.0044	0.0000393	0.000125	0.0000829	0.0634	0.00000203	0.000281	0.0000967	0.000852	0.000272
2036 Mar	0.0000953	0.000858	0.0132	0.00000185	1.79	1.97	0.00882	0.000294	11.9	0.00107	0.0044	0.0000393	0.000125	0.0000829	0.0634	0.00000203	0.000281	0.0000967	0.000852	0.000272
2036 Apr	0.0000954	0.000858	0.0132	0.00000185	1.79	1.97	0.00882	0.000294	11.9	0.00107	0.0044	0.0000393	0.000125	0.0000829	0.0634	0.00000203	0.000281	0.0000967	0.000852	0.000272
2036 May	0.0000954	0.000858	0.0132	0.00000185	1.79	1.98	0.00884	0.000294	11.9	0.00108	0.00441	0.0000393	0.000125	0.000083	0.0635	0.00000203	0.000281	0.0000968	0.000853	0.000272
2036 Jun	0.0000953	0.000861	0.0133	0.00000188	1.81	1.99	0.00896	0.000298	12	0.00109	0.00441	0.0000396	0.000127	0.0000838	0.0641	0.00000203	0.000286	0.0000978	0.000853	0.000277
2036 Jul	0.000094	0.000861	0.0133	0.00000186	1.79	1.97	0.00885	0.000294	11.8	0.00108	0.00441	0.0000401	0.000125	0.000083	0.0633	0.00000203	0.000281	0.0000976	0.000853	0.000272
2036 Aug	0.0000933	0.000856	0.0133	0.0000018	1.74	1.93	0.00852	0.000282	11.3	0.00105	0.0044	0.0000397	0.000119	0.0000808	0.0615	0.00000203	0.000267	0.0000957	0.000851	0.000258
2036 Sep	0.0000938	0.000849	0.0132	0.00000175	1.71	1.9	0.00828	0.000274	11	0.00102	0.0044	0.0000389	0.000116	0.0000792	0.0604	0.00000203	0.000257	0.0000937	0.000849	0.000248
2036 Oct	0.000094	0.000848	0.0132	0.00000173	1.7	1.89	0.00819	0.000272	10.9	0.00101	0.0044	0.000039	0.000114	0.0000787	0.06	0.00000203	0.000254	0.0000929	0.000848	0.000245
2036 Nov	0.0000941	0.000848	0.0132	0.00000173	1.7	1.89	0.00822	0.000272	10.9	0.00101	0.0044	0.000039	0.000115	0.0000788	0.0601	0.00000203	0.000255	0.000093	0.000848	0.000246
2036 Dec	0.0000941	0.000848	0.0132	0.00000173	1.7	1.89	0.00822	0.000273	10.9	0.00101	0.0044	0.000039	0.000115	0.0000789	0.0602	0.00000203	0.000255	0.0000931	0.000848	0.000246
2037 Jan	0.0000941	0.000848	0.0132	0.00000173	1.7	1.89	0.00822	0.000273	10.9	0.00101	0.0044	0.000039	0.000115	0.0000789	0.0602	0.00000203	0.000255	0.0000931	0.000848	0.000246
2037 Feb	0.0000941	0.000848	0.0132	0.00000173	1.7	1.89	0.00822	0.000273	10.9	0.00101	0.0044	0.000039	0.000115	0.0000789	0.0602	0.00000203	0.000255	0.0000931	0.000848	0.000246
2037 Mar	0.0000941	0.000848	0.0132	0.00000173	1.7	1.89	0.00822	0.000273	10.9	0.00101	0.0044	0.000039	0.000115	0.0000789	0.0602	0.00000203	0.000255	0.0000931	0.000848	0.000246
2037 Apr	0.0000941	0.000848	0.0132	0.00000173	1.7	1.89	0.00822	0.000273	10.9	0.00101	0.0044	0.000039	0.000115	0.0000789	0.0602	0.00000203	0.000255	0.0000931	0.000848	0.000246
2037 May	0.0000943	0.000849	0.0132	0.00000174	1.71	1.9	0.00828	0.000274	11	0.00102	0.0044	0.0000392	0.000115	0.0000792	0.0604	0.00000203	0.000257	0.0000936	0.000849	0.000248
2037 Jun	0.0000944	0.000852	0.0133	0.00000178	1.73	1.92	0.00848	0.00028	11	0.00104	0.0044	0.0000396	0.000118	0.0000804	0.0613	0.00000202	0.000265	0.0000949	0.000849	0.000255
2037 Jul	0.0000933	0.000851	0.0133	0.00000175	1.71	1.89	0.00831	0.000274	10.8	0.00102	0.0044	0.0000401	0.000116	0.0000792	0.0603	0.00000203	0.000258	0.0000944	0.000849	0.000248
2037 Aug	0.0000927	0.000848	0.0133	0.0000017	1.67	1.86	0.00807	0.000265	10.5	0.001	0.0044	0.0000397	0.000111	0.0000776	0.059	0.00000203	0.000247	0.000093	0.000847	0.000237
2037 Sep	0.0000931	0.000842	0.0132	0.00000165	1.64	1.83	0.00784	0.000258	10.3	0.000974	0.00439	0.0000391	0.000108	0.0000761	0.0579	0.00000203	0.000237	0.0000912	0.000846	0.000227
2037 Oct	0.0000932	0.00084	0.0132	0.00000163	1.63	1.82	0.00774	0.000254	10.1	0.000963	0.0044	0.0000392	0.000106	0.0000754	0.0574	0.00000203	0.000233	0.0000903	0.000845	0.000223
2037 Nov	0.0000932	0.00084	0.0132	0.00000163	1.63	1.82	0.00774	0.000254	10.1	0.000964	0.0044	0.0000392	0.000106	0.0000754	0.0574	0.00000203	0.000234	0.0000904	0.000845	0.000223
2037 Dec	0.0000932	0.00084	0.0132	0.00000163	1.63	1.82	0.00774	0.000254	10.1	0.000964	0.0044	0.0000392	0.000106	0.0000754	0.0574	0.00000203	0.000234	0.0000904	0.000845	0.000223
2038 Jan	0.0000932	0.00084	0.0132	0.00000163	1.63	1.82	0.00774	0.000254	10.1	0.000964	0.0044	0.0000392	0.000106	0.0000754	0.0574	0.00000203	0.000234	0.0000904	0.000845	0.000223
2038 Feb	0.0000932	0.00084	0.0132	0.00000163	1.63	1.82	0.00774	0.000254	10.1	0.000964	0.0044	0.0000392	0.000106	0.0000754	0.0574	0.00000203	0.000234	0.0000904	0.000845	0.000223
2038 Mar	0.0000932	0.00084	0.0132	0.00000163	1.63	1.82	0.00774	0.000254	10.1	0.000964	0.0044	0.0000392	0.000106	0.0000754	0.0574	0.00000203	0.000234	0.0000904	0.000845	0.000223
2038 Apr	0.0000932	0.00084	0.0132	0.00000163	1.63	1.82	0.00774	0.000255	10.1	0.000964	0.0044	0.0000392	0.000106	0.0000754	0.0574	0.00000203	0.000234	0.0000904	0.000845	0.000223
2038 May	0.0000933	0.000841	0.0132	0.00000164	1.63	1.82	0.00776	0.000255	10.1	0.000965	0.0044	0.0000393	0.000106	0.0000755	0.0575	0.00000203	0.000234	0.0000905	0.000845	0.000224
2038 Jun	0.0000932	0.000841	0.0133	0.00000164	1.63	1.82	0.00781	0.000256	10.1	0.000968	0.0044	0.0000396	0.000107	0.0000757	0.0576	0.00000202	0.000235	0.000091	0.000845	0.000225
2038 Jul	0.0000929	0.000842	0.0133	0.00000164	1.62	1.82	0.00775	0.000254	10.1	0.000964	0.00441	0.0000399	0.000106	0.0000753	0.0573	0.00000203	0.000233	0.000091	0.000846	0.000222
2038 Aug	0.0000931	0.000844	0.0133	0.00000164	1.63	1.82	0.00779	0.000255	10.1	0.000969	0.00441	0.0000399	0.000106	0.0000756	0.0575	0.00000203	0.000234	0.0000913	0.000848	0.000224
2038 Sep	0.0000932	0.000845	0.0133	0.00000165	1.63	1.83	0.00782	0.000256	10.1	0.000972	0.00442	0.0000399	0.000107	0.0000759	0.0577	0.00000203	0.000235	0.0000915	0.000848	0.000225
2038 Oct	0.0000932	0.000845	0.0133	0.00000165	1.64	1.83	0.00784	0.000257	10.1	0.000974	0.00442	0.0000399	0.000107	0.000076	0.0578	0.00000203	0.000236	0.0000916	0.000848	0.000226
2038 Nov	0.0000932	0.000845	0.0134	0.00000165	1.64	1.83	0.00784	0.000257	10.1	0.000974	0.00442	0.0000399	0.000107	0.000076	0.0578	0.00000203	0.000236	0.0000916	0.000848	0.000226
2038 Dec	0.0000932	0.000845	0.0134	0.00000165	1.64	1.83	0.00784	0.000257	10.1	0.000974	0.00442	0.0000399	0.000107	0.000076	0.0578	0.00000203	0.000236	0.0000916	0.000848	0.000226

Appendix C.2-14: TIRI02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	76.7	0.0575	0.0742	0.00255	31.6	0.0189	20.2	0.0000206	0.0000206	0.000000261	0.000936	0.000846	0.0289	0.00397	0.00000092	4.76	0.00000491	0.000269
Operation (2024-2031): Mean	24800	45.2	52.8	2.21	16200	0.059	1040	0.076	0.00827	0.000282	0.119	0.151	0.754	0.178	0.000272	860	0.000258	0.00186
Operation (2024-2031): Max	44900	125	144	6.61	26400	0.121	2570	0.148	0.0167	0.000465	0.351	0.338	1.21	0.29	0.000797	1400	0.000415	0.00409
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2031)																		
2024 Jan	44400	125	144	6.61	26000	0.0481	2550	0.147	0.0166	0.000381	0.0177	0.336	1.01	0.252	0.0000555	1280	0.000392	0.000624
2024 Feb	44700	125	143	6.6	26100	0.0474	2560	0.148	0.0167	0.000384	0.0178	0.337	1.01	0.253	0.0000558	1290	0.000394	0.000613
2024 Mar	44900	125	143	6.6	26300	0.0467	2570	0.148	0.0167	0.000386	0.0178	0.338	1.01	0.255	0.000056	1290	0.000396	0.000603
2024 Apr	37500	98.2	114	4.88	25000	0.0525	1470	0.146	0.0158	0.000422	0.198	0.295	1.12	0.244	0.000455	1320	0.000368	0.00248
2024 May	31200	75.3	88.3	3.41	23800	0.0576	517	0.144	0.015	0.000453	0.351	0.258	1.21	0.235	0.000797	1350	0.000344	0.00409
2024 Jun	31100	74.8	87.6	3.4	23600	0.0578	550	0.142	0.0148	0.000447	0.341	0.256	1.19	0.233	0.000774	1330	0.000341	0.00399
2024 Jul	31500	75.5	88.4	3.44	23700	0.0575	593	0.143	0.0149	0.000448	0.336	0.258	1.19	0.235	0.000763	1330	0.000344	0.00394
2024 Aug	31900	76.1	89.1	3.49	23800	0.0573	638	0.143	0.015	0.000448	0.331	0.26	1.19	0.236	0.00075	1340	0.000346	0.00388
2024 Sep	32200	76.4	89.4	3.52	23900	0.057	682	0.143	0.015	0.000446	0.323	0.261	1.19	0.236	0.000734	1340	0.000347	0.0038
2024 Oct	32600	77	90.1	3.56	24000	0.0563	727	0.143	0.015	0.000446	0.317	0.262	1.19	0.237	0.00072	1340	0.000349	0.00373
2024 Nov	32900	77.6	90.7	3.6	24100	0.0557	765	0.144	0.0151	0.000447	0.312	0.264	1.19	0.239	0.00071	1340	0.000351	0.00367
2024 Dec	33200	78.1	91.2	3.63	24200	0.0552	792	0.144	0.0152	0.000447	0.309	0.265	1.19	0.24	0.000703	1350	0.000353	0.00363
2025 Jan	33500	78.4	91.6	3.65	24400	0.0545	830	0.144	0.0152	0.000448	0.304	0.266	1.19	0.241	0.000693	1350	0.000355	0.00357
2025 Feb	34000	78.7	91.9	3.68	24500	0.0534	883	0.143	0.0151	0.000449	0.298	0.266	1.19	0.244	0.000678	1350	0.000359	0.00349
2025 Mar	34500	79	92.2	3.71	24700	0.0524	933	0.143	0.0151	0.00045	0.291	0.266	1.18	0.246	0.000664	1360	0.000362	0.00341
2025 Apr	34900	79.3	92.5	3.74	24800	0.0514	983	0.142	0.015	0.000452	0.285	0.265	1.18	0.248	0.00065	1360	0.000365	0.00333
2025 May	35400	79.7	92.9	3.76	25000	0.0505	1030	0.142	0.015	0.000453	0.279	0.265	1.18	0.25	0.000637	1370	0.000369	0.00326
2025 Jun	35700	79.7	92.9	3.78	25100	0.0497	1070	0.141	0.0149	0.000453	0.272	0.265	1.18	0.252	0.000622	1370	0.000371	0.00319
2025 Jul	36000	79.7	92.9	3.79	25200	0.0493	1110	0.14	0.0148	0.000453	0.266	0.264	1.18	0.253	0.000607	1370	0.000373	0.00312
2025 Aug	36600	80.4	93.6	3.84	25400	0.0485	1160	0.14	0.0148	0.000456	0.262	0.265	1.18	0.257	0.000597	1380	0.000378	0.00308
2025 Sep	37000	80.9	94	3.87	25600	0.0477	1210	0.14	0.0148	0.000458	0.258	0.266	1.19	0.259	0.000587	1390	0.000382	0.00303
2025 Oct	37300	81	94.1	3.88	25700	0.047	1240	0.139	0.0148	0.000458	0.253	0.266	1.19	0.261	0.000575	1390	0.000384	0.00297
2025 Nov	37600	81	94.2	3.9	25800	0.0464	1280	0.139	0.0147	0.000458	0.248	0.265	1.18	0.262	0.000564	1390	0.000386	0.00291
2025 Dec	37900	81.3	94.4	3.92	25900	0.0457	1310	0.138	0.0147	0.000459	0.243	0.265	1.18	0.264	0.000554	1390	0.000388	0.00285
2026 Jan	38200	80.9	94	3.91	26000	0.0448	1350	0.137	0.0146	0.00046	0.238	0.264	1.18	0.266	0.000542	1390	0.000391	0.00278
2026 Feb	38600	80.1	93	3.87	26100	0.0439	1390	0.135	0.0144	0.000461	0.232	0.261	1.18	0.268	0.000529	1400	0.000394	0.00271
2026 Mar	38900	79.3	92.1	3.84	26200	0.043	1430	0.134	0.0143	0.000462	0.226	0.259	1.18	0.271	0.000516	1400	0.000397	0.00264
2026 Apr	39200	78.5	91.2	3.81	26300	0.0421	1470	0.132	0.0141	0.000463	0.22	0.257	1.17	0.273	0.000504	1400	0.0004	0.00257
2026 May	39500	77.9	90.4	3.78	26400	0.0413	1510	0.131	0.014	0.000465	0.215	0.255	1.17	0.276	0.000493	1400	0.000402	0.0025
2026 Jun	39100	76	88.2	3.7	26000	0.0412	1520	0.127	0.0136	0.000457	0.206	0.248	1.15	0.273	0.000472	1380	0.000398	0.00241
2026 Jul	38500	73.9	85.9	3.6	25500	0.0409	1520	0.122	0.0131	0.000447	0.196	0.24	1.12	0.269	0.00045	1350	0.000392	0.00232
2026 Aug	38200	72.2	84	3.52	25100	0.0405	1530	0.119	0.0128	0.00044	0.188	0.234	1.1	0.266	0.000433	1330	0.000388	0.00224
2026 Sep	37900	70.6	82.3	3.45	24900	0.0398	1550	0.116	0.0125	0.000435	0.181	0.229	1.09	0.265	0.000417	1310	0.000385	0.00216
2026 Oct	37800	69.5	81.1	3.4	24700	0.0395	1570	0.114	0.0123	0.000432	0.175	0.225	1.08	0.264	0.000404	1300	0.000384	0.00211
2026 Nov	38100	69.1	80.5	3.39	24900	0.0387	1600	0.113	0.0122	0.000434	0.171	0.224	1.08	0.267	0.000396	1300	0.000387	0.00206
2026 Dec	38400	68.7	80	3.37	25000	0.0381	1630	0.112	0.0121	0.000435	0.168	0.223	1.08	0.269	0.000388	1310	0.000389	0.00201
2027 Jan	38700	68	79.2	3.34	25100	0.0374	1660	0.111	0.012	0.000437	0.164	0.221	1.08	0.271	0.00038	1310	0.000392	0.00196
2027 Feb	39000	67.2	78.3	3.31	25200	0.0367	1690	0.11	0.0119	0.000439	0.161	0.22	1.08	0.273	0.000372	1310	0.000395	0.00191
2027 Mar	39300	66.5	77.4	3.27	25300	0.0361	1720	0.109	0.0118	0.00044	0.157	0.219	1.08	0.275	0.000365	1320	0.000397	0.00187
2027 Apr	39600	65.7	76.5	3.24	25400	0.0354	1750	0.109	0.0117	0.000442	0.154	0.217	1.08	0.277	0.000358	1320	0.0004	0.00183
2027 May	39900	65.1	75.7	3.21	25500	0.0349	1770	0.108	0.0117	0.000443	0.151	0.216	1.08	0.279	0.000351	1330	0.000402	0.00178
2027 Jun	39600	63.9	74.5	3.16	25300	0.0349	1780	0.105	0.0114	0.000439	0.145	0.211	1.07	0.278	0.000339	1310	0.0004	0.00174
2027 Jul	39000	62	72.4	3.07	24800	0.035	1770	0.101	0.011	0.000429	0.138	0.204	1.04	0.273	0.000323	1280	0.000393	0.00168
2027 Aug	38700	60.4	70.5	2.99	24600	0.0344	1780	0.0986	0.0108	0.000425	0.132	0.2	1.03	0.271	0.00031	1270	0.00039	0.00162
2027 Sep	38200	58	68	2.88	24100	0.0345	1780	0.0947	0.0103	0.000416	0.124	0.192	1	0.268	0.000292	1240	0.000385	0.00156
2027 Oct	38200	56	65.8	2.78	24000	0.0337	1810	0.0918	0.0101	0.000413	0.117	0.188	0.993	0.268	0.000275	1230	0.000384	0.00148
2027 Nov	38800	54.9	64.4	2.73	24300	0.0325	1860	0.0907	0.00994	0.000418	0.112	0.186	0.997	0.272	0.000264	1240	0.00039	0.0014
2027 Dec	39400	53.9	63.2	2.69	24500	0.0314	1910	0.0898	0.00985	0.000422	0.107	0.185	1	0.277	0.000254	1250	0.000396	0.00133
2028 Jan	40000	52.9	62	2.64	24800	0.0304	1960	0.0893	0.0098	0.000425	0.103	0.185	1.01	0.28	0.000246	1270	0.000401	0.00127
2028 Feb	40500	51.8	60.7	2.59	25000	0.0296	2000	0.0893	0.00981	0.000428	0.0995	0.186	1.01	0.283	0.000239	1280	0.000405	0.00122

Appendix C.2-14: TIRI02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Mar	41000	50.9	59.5	2.55	25300	0.0288	2040	0.0893	0.00981	0.000431	0.0964	0.186	1.02	0.285	0.000232	1280	0.000408	0.00118
2028 Apr	41400	50	58.4	2.5	25500	0.0281	2080	0.0892	0.00982	0.000434	0.0935	0.187	1.02	0.288	0.000226	1290	0.000412	0.00114
2028 May	41800	49.1	57.5	2.47	25700	0.0275	2110	0.0892	0.00983	0.000437	0.0908	0.187	1.02	0.29	0.00022	1300	0.000415	0.0011
2028 Jun	41600	48.5	56.8	2.44	25500	0.0278	2120	0.0869	0.00962	0.000432	0.0863	0.183	1.01	0.288	0.00021	1290	0.000412	0.00106
2028 Jul	40500	47	55.1	2.37	24700	0.0284	2080	0.0824	0.0092	0.000417	0.0797	0.174	0.982	0.279	0.000194	1250	0.000401	0.00101
2028 Aug	40000	45	52.7	2.27	24300	0.0272	2070	0.0797	0.00893	0.000409	0.0736	0.169	0.961	0.274	0.000181	1230	0.000394	0.000939
2028 Sep	37800	40	47.2	2.03	22800	0.0296	2000	0.0719	0.00813	0.000381	0.0594	0.155	0.9	0.258	0.000148	1150	0.000371	0.000857
2028 Oct	25800	26	31.8	1.32	15400	0.0601	1440	0.0456	0.00533	0.000253	0.0343	0.101	0.654	0.18	0.0000835	777	0.00026	0.0011
2028 Nov	24800	25	30.6	1.26	14800	0.062	1380	0.0438	0.00514	0.000243	0.0333	0.0971	0.632	0.174	0.0000804	747	0.00025	0.00111
2028 Dec	24800	25	30.6	1.26	14800	0.062	1380	0.0438	0.00514	0.000243	0.0333	0.0971	0.632	0.174	0.0000804	747	0.000251	0.00111
2029 Jan	24800	25	30.6	1.26	14800	0.062	1380	0.0438	0.00514	0.000243	0.0333	0.0971	0.632	0.174	0.0000804	747	0.000251	0.00111
2029 Feb	24800	25	30.6	1.26	14800	0.062	1380	0.0438	0.00514	0.000243	0.0333	0.0971	0.632	0.174	0.0000804	747	0.000251	0.00111
2029 Mar	24800	25	30.6	1.26	14800	0.062	1380	0.0438	0.00515	0.000243	0.0334	0.0971	0.632	0.174	0.0000804	747	0.000251	0.00111
2029 Apr	24800	25	30.6	1.26	14800	0.062	1380	0.0438	0.00515	0.000243	0.0334	0.0972	0.632	0.174	0.0000804	747	0.000251	0.00111
2029 May	24800	25	30.6	1.26	14800	0.0621	1380	0.0438	0.00515	0.000243	0.0334	0.0972	0.633	0.174	0.0000805	748	0.000251	0.00111
2029 Jun	14800	14.9	18.2	0.751	8800	0.0817	861	0.026	0.00323	0.000144	0.023	0.0593	0.44	0.113	0.0000502	452	0.000163	0.00131
2029 Jul	207	0.162	0.21	0.00722	89.5	0.0477	50	0.0000998	0.0000996	0.000000862	0.00247	0.00213	0.0713	0.0102	0.00000245	12	0.0000125	0.000664
2029 Aug	161	0.128	0.164	0.0056	69.7	0.0367	39	0.0000561	0.0000561	0.000000563	0.00184	0.00163	0.0556	0.00774	0.0000018	9.25	0.00000948	0.000519
2029 Sep	129	0.105	0.131	0.00448	55.8	0.0294	31.2	0.0000449	0.0000449	0.00000045	0.0016	0.00131	0.0444	0.00629	0.00000144	7.5	0.000008	0.000416
2029 Oct	284	0.236	0.285	0.00981	122	0.0668	68.2	0.00016	0.00016	0.00000129	0.00403	0.00291	0.0975	0.0148	0.00000345	17.3	0.0000184	0.000917
2029 Nov	497	0.414	0.499	0.0172	214	0.117	120	0.000279	0.000279	0.00000226	0.00705	0.00511	0.171	0.0259	0.00000604	30.3	0.0000322	0.00161
2029 Dec	497	0.414	0.499	0.0172	214	0.117	120	0.000279	0.000279	0.00000226	0.00705	0.00511	0.171	0.0259	0.00000604	30.3	0.0000322	0.00161
2030 Jan	497	0.414	0.499	0.0172	214	0.117	120	0.000279	0.000279	0.00000226	0.00705	0.00511	0.171	0.0259	0.00000604	30.3	0.0000322	0.00161
2030 Feb	497	0.414	0.499	0.0172	214	0.117	120	0.000279	0.000279	0.00000226	0.00705	0.00511	0.171	0.0259	0.00000604	30.3	0.0000322	0.00161
2030 Mar	497	0.414	0.499	0.0172	214	0.117	120	0.000279	0.000279	0.00000226	0.00705	0.00511	0.171	0.0259	0.00000604	30.3	0.0000322	0.00161
2030 Apr	497	0.414	0.5	0.0172	214	0.117	120	0.000279	0.000279	0.00000226	0.00705	0.00511	0.171	0.0259	0.00000604	30.4	0.0000323	0.00161
2030 May	500	0.416	0.502	0.0173	216	0.118	120	0.00028	0.00028	0.00000227	0.00709	0.00514	0.172	0.026	0.00000607	30.5	0.0000324	0.00162
2030 Jun	459	0.347	0.441	0.0154	189	0.113	117	0.000454	0.000454	0.00000312	0.00802	0.00511	0.169	0.0261	0.00000683	30.1	0.0000373	0.00161
2030 Jul	162	0.121	0.156	0.00539	66.8	0.0403	42.7	0.0000797	0.0000797	0.000000708	0.0021	0.00181	0.0608	0.00863	0.00000207	10.1	0.0000107	0.000567
2030 Aug	76.7	0.0579	0.0742	0.00255	31.7	0.0189	20.2	0.0000254	0.0000254	0.000000274	0.000936	0.000846	0.0289	0.00397	0.00000092	4.76	0.00000491	0.000269
2030 Sep	82.2	0.0633	0.0796	0.00273	34	0.02	21.7	0.0000206	0.0000206	0.000000261	0.00103	0.000901	0.0309	0.00421	0.000000953	5.06	0.00000543	0.000288
2030 Oct	324	0.256	0.309	0.0107	133	0.0818	84.8	0.000169	0.000169	0.00000146	0.00476	0.0036	0.121	0.0179	0.00000415	21.1	0.0000225	0.00114
2030 Nov	471	0.374	0.449	0.0155	193	0.12	123	0.000268	0.000268	0.00000223	0.0071	0.00524	0.176	0.0263	0.00000613	31	0.0000329	0.00165
2030 Dec	471	0.374	0.449	0.0155	193	0.12	123	0.000268	0.000268	0.00000223	0.0071	0.00524	0.176	0.0263	0.00000613	31	0.0000329	0.00165
2031 Jan	471	0.374	0.449	0.0155	193	0.12	123	0.000268	0.000268	0.00000223	0.0071	0.00524	0.176	0.0263	0.00000613	31	0.0000329	0.00165
2031 Feb	471	0.374	0.449	0.0155	193	0.12	123	0.000268	0.000268	0.00000223	0.0071	0.00524	0.176	0.0263	0.00000613	31	0.0000329	0.00165
2031 Mar	471	0.374	0.449	0.0155	193	0.12	123	0.000268	0.000268	0.00000223	0.0071	0.00524	0.176	0.0263	0.00000613	31	0.0000329	0.00165
2031 Apr	472	0.375	0.45	0.0155	194	0.12	123	0.000268	0.000268	0.00000223	0.00711	0.00525	0.176	0.0264	0.00000614	31	0.000033	0.00166
2031 May	476	0.374	0.447	0.0154	193	0.121	124	0.000321	0.000321	0.0000025	0.00743	0.0054	0.178	0.0295	0.00000643	33.5	0.0000345	0.0017
2031 Jun	438	0.316	0.391	0.0136	169	0.113	119	0.00041	0.00041	0.00000291	0.00761	0.0053	0.171	0.0312	0.00000667	34.2	0.0000366	0.00167
2031 Jul	81.1	0.0575	0.0742	0.00255	31.6	0.0215	23.1	0.0000324	0.0000324	0.00000033	0.00109	0.00097	0.0329	0.00458	0.00000107	5.42	0.00000575	0.000307
2031 Aug	156	0.112	0.143	0.00492	61.1	0.0418	44.6	0.0000587	0.0000587	0.000000617	0.00208	0.00186	0.0637	0.00879	0.00000204	10.5	0.0000108	0.000593
2031 Sep	214	0.162	0.193	0.00669	83.2	0.0585	60.6	0.000123	0.000123	0.00000105	0.00338	0.00257	0.0865	0.0128	0.00000297	15.1	0.000016	0.000812
2031 Oct	368	0.286	0.328	0.0114	142	0.103	103	0.000305	0.000305	0.00000226	0.00661	0.00446	0.148	0.0233	0.00000552	27.1	0.0000287	0.00139
2031 Nov	395	0.307	0.351	0.0123	153	0.111	111	0.000336	0.000336	0.00000248	0.00716	0.00479	0.158	0.0252	0.00000596	29.2	0.0000309	0.0015
2031 Dec	395	0.307	0.351	0.0123	153	0.111	111	0.000336	0.000336	0.00000248	0.00717	0.00479	0.158	0.0252	0.00000596	29.2	0.0000309	0.0015

Appendix C.2-14: TIRI02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.0000198	0.000173	0.00274	0.00000259	2.23	2.43	0.0121	0.000525	13.7	0.000818	0.000587	0.00000464	0.000178	0.0000899	0.0824	0.000000249	0.000628	0.0000388	0.000137	0.000518
Operation (2024-2031): Mean	0.00685	0.0034	0.299	0.000017	247	164	0.152	0.0745	7570	0.0297	0.0391	0.00165	0.0134	0.00744	22.2	0.0217	0.00216	0.0319	0.0496	0.156
Operation (2024-2031): Max	0.0128	0.00673	0.844	0.0000277	399	401	0.227	0.178	12300	0.0458	0.0614	0.00497	0.0214	0.0165	36.4	0.0685	0.00384	0.089	0.0825	0.257
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2031)																				
2024 Jan	0.00767	0.0027	0.068	0.0000136	370	101	0.226	0.178	11900	0.0398	0.0521	0.000187	0.0194	0.0164	32.7	0.0000387	0.00143	0.0103	0.0765	0.222
2024 Feb	0.00771	0.0027	0.068	0.0000136	372	102	0.226	0.178	12000	0.04	0.0524	0.000187	0.0195	0.0164	32.9	0.0000389	0.00141	0.0103	0.0769	0.223
2024 Mar	0.00776	0.00271	0.068	0.0000135	374	102	0.227	0.178	12000	0.0402	0.0527	0.000187	0.0196	0.0165	33.1	0.0000391	0.00139	0.0104	0.0774	0.225
2024 Apr	0.0105	0.00488	0.486	0.0000211	377	264	0.198	0.147	11700	0.0422	0.0567	0.00277	0.0196	0.0144	34.3	0.0369	0.0022	0.0528	0.0725	0.242
2024 May	0.0128	0.00673	0.844	0.0000277	379	401	0.172	0.119	11300	0.0438	0.0601	0.00497	0.0195	0.0126	35.3	0.0685	0.0029	0.089	0.0683	0.256
2024 Jun	0.0125	0.0066	0.821	0.0000273	375	391	0.173	0.119	11200	0.0433	0.0593	0.00483	0.0193	0.0125	34.8	0.0664	0.00287	0.0866	0.0677	0.252
2024 Jul	0.0125	0.00654	0.81	0.0000271	376	387	0.175	0.12	11300	0.0434	0.0595	0.00476	0.0194	0.0126	35	0.0654	0.00284	0.0854	0.0682	0.253
2024 Aug	0.0124	0.00648	0.796	0.0000269	378	382	0.176	0.121	11300	0.0435	0.0595	0.00468	0.0194	0.0126	35	0.0642	0.00281	0.0841	0.0686	0.253
2024 Sep	0.0123	0.00639	0.778	0.0000265	377	376	0.177	0.122	11300	0.0434	0.0593	0.00457	0.0194	0.0127	35	0.0627	0.00278	0.0823	0.0688	0.252
2024 Oct	0.0122	0.00632	0.764	0.0000262	378	370	0.178	0.123	11400	0.0434	0.0593	0.00448	0.0195	0.0127	35	0.0614	0.00273	0.0809	0.0692	0.252
2024 Nov	0.0122	0.00626	0.753	0.000026	379	366	0.18	0.124	11400	0.0435	0.0594	0.00441	0.0196	0.0128	35.1	0.0604	0.00269	0.0798	0.0696	0.253
2024 Dec	0.0122	0.00623	0.746	0.0000258	380	364	0.18	0.124	11500	0.0436	0.0595	0.00437	0.0196	0.0129	35.2	0.0598	0.00267	0.0791	0.0699	0.253
2025 Jan	0.0121	0.00618	0.735	0.0000255	382	360	0.182	0.125	11500	0.0437	0.0596	0.0043	0.0197	0.0129	35.3	0.0588	0.00263	0.078	0.0704	0.253
2025 Feb	0.0121	0.0061	0.719	0.0000252	383	354	0.184	0.125	11600	0.0438	0.0597	0.0042	0.0198	0.0129	35.4	0.0574	0.00257	0.0765	0.0711	0.254
2025 Mar	0.012	0.00603	0.704	0.0000248	385	348	0.185	0.125	11700	0.044	0.0599	0.00411	0.02	0.0129	35.5	0.0561	0.00251	0.075	0.0718	0.254
2025 Apr	0.012	0.00596	0.689	0.0000245	386	343	0.187	0.126	11700	0.0441	0.06	0.00402	0.0201	0.0128	35.6	0.0548	0.00246	0.0736	0.0725	0.254
2025 May	0.012	0.00589	0.675	0.0000242	387	338	0.189	0.126	11800	0.0443	0.0602	0.00393	0.0202	0.0128	35.7	0.0535	0.00241	0.0722	0.0732	0.255
2025 Jun	0.0119	0.00582	0.66	0.0000239	388	332	0.191	0.126	11800	0.0443	0.0602	0.00384	0.0203	0.0128	35.7	0.0522	0.00237	0.0707	0.0736	0.255
2025 Jul	0.0118	0.00575	0.646	0.0000236	388	327	0.192	0.126	11800	0.0444	0.0601	0.00375	0.0203	0.0128	35.7	0.0509	0.00235	0.0692	0.0739	0.254
2025 Aug	0.0118	0.00573	0.637	0.0000235	391	324	0.195	0.127	12000	0.0447	0.0604	0.00369	0.0205	0.0128	36	0.0501	0.00233	0.0683	0.0748	0.256
2025 Sep	0.0118	0.00569	0.627	0.0000233	393	320	0.197	0.127	12000	0.045	0.0606	0.00362	0.0207	0.0129	36.1	0.0492	0.0023	0.0673	0.0755	0.257
2025 Oct	0.0117	0.00563	0.615	0.000023	394	316	0.199	0.127	12100	0.0451	0.0606	0.00355	0.0208	0.0128	36.2	0.0481	0.00227	0.0661	0.0759	0.257
2025 Nov	0.0117	0.00557	0.603	0.0000227	394	311	0.2	0.127	12100	0.0451	0.0606	0.00347	0.0208	0.0128	36.2	0.0471	0.00223	0.0649	0.0763	0.257
2025 Dec	0.0117	0.00552	0.593	0.0000225	395	307	0.201	0.127	12100	0.0452	0.0607	0.00341	0.0209	0.0128	36.2	0.0462	0.00219	0.0639	0.0768	0.257
2026 Jan	0.0116	0.00546	0.58	0.0000222	396	302	0.202	0.127	12200	0.0453	0.0609	0.00333	0.021	0.0127	36.3	0.045	0.00214	0.0626	0.0773	0.257
2026 Feb	0.0116	0.00539	0.566	0.0000218	397	297	0.204	0.126	12200	0.0454	0.061	0.00324	0.0211	0.0126	36.3	0.0438	0.00208	0.0613	0.078	0.257
2026 Mar	0.0115	0.00533	0.552	0.0000215	397	292	0.205	0.125	12300	0.0456	0.0611	0.00316	0.0212	0.0125	36.4	0.0426	0.00203	0.06	0.0786	0.257
2026 Apr	0.0115	0.00526	0.539	0.0000212	398	287	0.207	0.124	12300	0.0457	0.0613	0.00308	0.0213	0.0124	36.4	0.0414	0.00198	0.0587	0.0792	0.257
2026 May	0.0115	0.00521	0.527	0.0000209	399	283	0.209	0.124	12300	0.0458	0.0614	0.00301	0.0214	0.0123	36.4	0.0404	0.00193	0.0575	0.0798	0.257
2026 Jun	0.0112	0.00508	0.506	0.0000205	392	273	0.207	0.12	12100	0.0452	0.0606	0.00288	0.0211	0.012	35.8	0.0385	0.00189	0.0552	0.0788	0.252
2026 Jul	0.0109	0.00494	0.484	0.00002	384	262	0.205	0.117	11900	0.0445	0.0594	0.00274	0.0208	0.0116	35	0.0366	0.00184	0.0528	0.0775	0.246
2026 Aug	0.0107	0.00483	0.465	0.0000196	378	254	0.204	0.114	11700	0.044	0.0586	0.00263	0.0205	0.0113	34.4	0.035	0.0018	0.0509	0.0767	0.242
2026 Sep	0.0105	0.00472	0.448	0.0000191	373	246	0.203	0.112	11600	0.0436	0.0579	0.00252	0.0203	0.0111	33.9	0.0335	0.00176	0.0491	0.0761	0.239
2026 Oct	0.0104	0.00465	0.434	0.0000188	371	241	0.203	0.11	11500	0.0435	0.0576	0.00244	0.0202	0.0109	33.7	0.0323	0.00172	0.0477	0.076	0.237
2026 Nov	0.0104	0.00461	0.425	0.0000186	372	237	0.204	0.11	11600	0.0437	0.0578	0.00238	0.0203	0.0108	33.8	0.0316	0.00168	0.0469	0.0766	0.237
2026 Dec	0.0104	0.00458	0.416	0.0000184	373	234	0.206	0.109	11600	0.0438	0.058	0.00233	0.0205	0.0108	33.8	0.0308	0.00165	0.0461	0.0771	0.237
2027 Jan	0.0104	0.00454	0.408	0.0000181	374	231	0.207	0.109	11700	0.044	0.0582	0.00228	0.0206	0.0107	33.9	0.03	0.00161	0.0453	0.0777	0.238
2027 Feb	0.0104	0.0045	0.399	0.0000179	375	228	0.208	0.108	11700	0.0441	0.0584	0.00223	0.0207	0.0107	34	0.0293	0.00158	0.0445	0.0782	0.238
2027 Mar	0.0103	0.00446	0.391	0.0000178	376	226	0.209	0.108	11800	0.0443	0.0585	0.00218	0.0208	0.0106	34.1	0.0286	0.00154	0.0437	0.0788	0.238
2027 Apr	0.0103	0.00443	0.384	0.0000176	377	223	0.211	0.107	11800	0.0444	0.0587	0.00213	0.0209	0.0105	34.2	0.0279	0.00151	0.043	0.0793	0.239
2027 May	0.0103	0.0044	0.377	0.0000174	379	220	0.212	0.107	11900	0.0446	0.0589	0.00209	0.021	0.0105	34.3	0.0273	0.00148	0.0423	0.0798	0.239
2027 Jun	0.0102	0.00433	0.364	0.0000172	375	215	0.212	0.105	11800	0.0443	0.0584	0.00201	0.0208	0.0103	33.9	0.0262	0.00145	0.041	0.0793	0.237
2027 Jul	0.00993	0.00423	0.348	0.0000168	367	207	0.209	0.102	11500	0.0436	0.0574	0.00191	0.0204	0.00995	33.2	0.0248	0.00142	0.0392	0.0779	0.231
2027 Aug	0.00977	0.00414	0.334	0.0000165	363	200	0.208	0.0996	11400	0.0432	0.0567	0.00183	0.0202	0.00973	32.8	0.0236	0.00138	0.0378	0.0773	0.228
2027 Sep	0.00952	0.00403	0.315	0.000016	356	192	0.207	0.0963	11200	0.0427	0.0557	0.00171	0.0199	0.0094	32	0.022	0.00134	0.0358	0.0762	0.223
2027 Oct	0.00939	0.00394	0.297	0.0000156	354	184	0.207	0.0942	11100	0.0426	0.0553	0.0016	0.0198	0.00917	31.8	0.0205	0.00128	0.034	0.0761	0.221
2027 Nov	0.00941	0.00389	0.284	0.0000153	357	180	0.21	0.0938	11200	0.0429	0.0559	0.00153	0.0201	0.00911	32	0.0194	0.00122	0.0329	0.0774	0.223
2027 Dec	0.00944	0.00384	0.274	0.000015	360	177	0.212	0.0935	11400	0.0433	0.0564	0.00146	0.0203	0.00905	32.3	0.0184	0.00117	0.0319	0.0785	0.224
2028 Jan	0.00947	0.0038	0.264	0.0000148	363	174	0.215	0.0936	11500	0.0436	0.0568	0.0014	0.0206	0.00904	32.6	0.0175	0.00112	0.031	0.0795	0.226
2028 Feb	0.00949	0.00377	0.256	0.0000146	366	171	0.216	0.094	11600	0.0439	0.0572	0.00135	0.0207	0.00906	32.8	0.0168	0.00108	0.0303	0.0803	0.227

Appendix C.2-14: TIRI02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Mar	0.00951	0.00374	0.249	0.0000144	369	169	0.218	0.0944	11700	0.0441	0.0575	0.00131	0.0209	0.00908	33.1	0.0162	0.00105	0.0296	0.0811	0.229
2028 Apr	0.00953	0.00371	0.242	0.0000142	371	167	0.22	0.0948	11800	0.0443	0.0579	0.00126	0.0211	0.0091	33.3	0.0155	0.00101	0.029	0.0818	0.23
2028 May	0.00955	0.00369	0.236	0.0000141	374	165	0.221	0.0951	11900	0.0446	0.0582	0.00123	0.0212	0.00912	33.5	0.015	0.000982	0.0284	0.0825	0.231
2028 Jun	0.00941	0.00362	0.225	0.0000139	371	160	0.221	0.0934	11800	0.0442	0.0577	0.00116	0.021	0.00894	33.2	0.0141	0.000969	0.0273	0.0819	0.229
2028 Jul	0.00906	0.0035	0.21	0.0000136	359	152	0.216	0.0895	11400	0.043	0.056	0.00107	0.0204	0.00856	32.1	0.0128	0.000948	0.0255	0.0795	0.222
2028 Aug	0.00883	0.00338	0.195	0.0000131	353	145	0.212	0.0873	11200	0.0422	0.0549	0.00098	0.02	0.00833	31.5	0.0116	0.000891	0.024	0.0782	0.217
2028 Sep	0.00812	0.00313	0.161	0.0000124	331	128	0.204	0.0804	10500	0.0399	0.0513	0.000778	0.0188	0.00764	29.4	0.00887	0.000904	0.0202	0.0735	0.202
2028 Oct	0.00537	0.00256	0.102	0.0000135	227	84.2	0.166	0.0534	7100	0.0295	0.0363	0.000415	0.0129	0.00513	19.7	0.0043	0.00173	0.0118	0.0496	0.136
2028 Nov	0.00516	0.00251	0.1	0.0000137	218	81.3	0.161	0.0514	6820	0.0285	0.0352	0.000399	0.0124	0.00494	18.9	0.00413	0.00176	0.0113	0.0477	0.13
2028 Dec	0.00516	0.00251	0.1	0.0000137	218	81.3	0.161	0.0514	6820	0.0285	0.0352	0.000399	0.0124	0.00494	18.9	0.00413	0.00176	0.0113	0.0477	0.13
2029 Jan	0.00516	0.00251	0.1	0.0000137	218	81.3	0.161	0.0514	6820	0.0285	0.0352	0.000399	0.0124	0.00494	18.9	0.00413	0.00176	0.0113	0.0477	0.13
2029 Feb	0.00516	0.00251	0.1	0.0000137	218	81.3	0.161	0.0514	6820	0.0285	0.0352	0.000399	0.0124	0.00494	18.9	0.00413	0.00176	0.0113	0.0477	0.13
2029 Mar	0.00516	0.00251	0.1	0.0000137	218	81.3	0.161	0.0514	6820	0.0285	0.0352	0.000399	0.0124	0.00494	18.9	0.00413	0.00176	0.0113	0.0477	0.13
2029 Apr	0.00516	0.00251	0.101	0.0000137	218	81.3	0.161	0.0514	6820	0.0285	0.0352	0.000399	0.0124	0.00494	18.9	0.00413	0.00176	0.0113	0.0477	0.13
2029 May	0.00517	0.00251	0.101	0.0000137	218	81.4	0.161	0.0514	6820	0.0285	0.0353	0.0004	0.0124	0.00495	18.9	0.00413	0.00176	0.0114	0.0477	0.13
2029 Jun	0.0031	0.00195	0.0785	0.0000154	134	53.6	0.126	0.0315	4050	0.0188	0.0234	0.000271	0.00775	0.00312	11.3	0.00243	0.0025	0.00687	0.0287	0.0779
2029 Jul	0.0000527	0.000459	0.0112	0.00000675	5.52	6.02	0.0302	0.00129	38.8	0.00205	0.0018	0.0000201	0.000445	0.000223	0.205	0.000000707	0.00155	0.000104	0.000394	0.00128
2029 Aug	0.0000389	0.000337	0.00584	0.00000504	4.29	4.67	0.0233	0.00101	30.2	0.00158	0.00119	0.00000982	0.000342	0.000173	0.159	0.000000494	0.00121	0.0000751	0.000272	0.000996
2029 Sep	0.0000323	0.000278	0.00537	0.00000403	3.43	3.75	0.0186	0.000817	24.1	0.00126	0.00107	0.00000694	0.000273	0.000138	0.127	0.000000394	0.000966	0.0000652	0.000217	0.000796
2029 Oct	0.0000787	0.000668	0.0177	0.0000094	7.54	8.28	0.041	0.00182	52.8	0.00281	0.00307	0.0000163	0.000596	0.000303	0.282	0.000000984	0.00211	0.000155	0.000541	0.00173
2029 Nov	0.000138	0.00117	0.0308	0.0000164	13.2	14.5	0.0719	0.00318	92.6	0.00492	0.00536	0.0000286	0.00104	0.00053	0.494	0.00000172	0.0037	0.000271	0.000946	0.00304
2029 Dec	0.000138	0.00117	0.0308	0.0000165	13.2	14.5	0.0719	0.00318	92.6	0.00492	0.00536	0.0000286	0.00104	0.00053	0.494	0.00000172	0.0037	0.000271	0.000946	0.00304
2030 Jan	0.000138	0.00117	0.0308	0.0000165	13.2	14.5	0.0719	0.00318	92.6	0.00492	0.00536	0.0000286	0.00104	0.00053	0.494	0.00000172	0.0037	0.000271	0.000946	0.00304
2030 Feb	0.000138	0.00117	0.0308	0.0000165	13.2	14.5	0.0719	0.00318	92.6	0.00492	0.00536	0.0000286	0.00104	0.00053	0.494	0.00000172	0.0037	0.000271	0.000946	0.00304
2030 Mar	0.000138	0.00117	0.0308	0.0000165	13.2	14.5	0.0719	0.00318	92.6	0.00493	0.00536	0.0000286	0.00104	0.00053	0.495	0.00000172	0.0037	0.000271	0.000946	0.00304
2030 Apr	0.000138	0.00117	0.0308	0.0000165	13.2	14.5	0.0719	0.00318	92.7	0.00493	0.00537	0.0000286	0.00104	0.000531	0.495	0.00000172	0.0037	0.000271	0.000946	0.00304
2030 May	0.000138	0.00118	0.031	0.0000165	13.3	14.6	0.0723	0.0032	93.1	0.00495	0.00539	0.0000287	0.00105	0.000533	0.497	0.00000173	0.00372	0.000273	0.000951	0.00305
2030 Jun	0.000146	0.00117	0.0428	0.0000179	13.1	14.3	0.0745	0.00303	81.7	0.00501	0.00633	0.0000653	0.00111	0.000528	0.488	0.00000205	0.00363	0.000423	0.00153	0.00298
2030 Jul	0.0000444	0.000385	0.00897	0.00000571	4.71	5.13	0.0257	0.0011	28.9	0.00174	0.00149	0.0000166	0.00038	0.00019	0.174	0.000000577	0.00132	0.000091	0.000336	0.00109
2030 Aug	0.0000198	0.000173	0.00276	0.00000259	2.23	2.43	0.0121	0.000525	13.7	0.000818	0.000587	0.00000503	0.000178	0.0000899	0.0824	0.000000249	0.000628	0.0000388	0.000137	0.000518
2030 Sep	0.0000212	0.000183	0.00274	0.00000271	2.38	2.6	0.0129	0.000564	14.7	0.000871	0.000626	0.00000464	0.00019	0.0000959	0.0882	0.000000254	0.000674	0.0000434	0.000139	0.000556
2030 Oct	0.0000941	0.000802	0.0192	0.0000114	9.36	10.2	0.0508	0.00224	57.4	0.00347	0.00348	0.0000197	0.000741	0.000376	0.349	0.00000116	0.00262	0.000187	0.00064	0.00216
2030 Nov	0.000139	0.00119	0.0299	0.0000168	13.6	14.9	0.0739	0.00327	83.5	0.00506	0.0053	0.0000291	0.00108	0.000546	0.508	0.00000173	0.00381	0.000276	0.000953	0.00313
2030 Dec	0.000139	0.00119	0.0299	0.0000168	13.6	14.9	0.0739	0.00327	83.5	0.00506	0.0053	0.0000291	0.00108	0.000546	0.508	0.00000173	0.00381	0.000276	0.000953	0.00313
2031 Jan	0.000139	0.00119	0.0299	0.0000168	13.6	14.9	0.0739	0.00327	83.5	0.00506	0.0053	0.0000291	0.00108	0.000546	0.508	0.00000173	0.00381	0.000276	0.000953	0.00313
2031 Feb	0.000139	0.00119	0.0299	0.0000168	13.6	14.9	0.0739	0.00327	83.5	0.00506	0.0053	0.0000291	0.00108	0.000546	0.508	0.00000173	0.00381	0.000276	0.000953	0.00313
2031 Mar	0.000139	0.00119	0.0299	0.0000168	13.6	14.9	0.0739	0.00327	83.5	0.00506	0.0053	0.0000291	0.00108	0.000546	0.508	0.00000173	0.00381	0.000276	0.000953	0.00313
2031 Apr	0.00014	0.00119	0.03	0.0000168	13.6	14.9	0.074	0.00327	83.6	0.00507	0.00531	0.0000291	0.00108	0.000547	0.509	0.00000174	0.00382	0.000276	0.000955	0.00314
2031 May	0.000191	0.00127	0.0465	0.0000174	13.8	15.4	0.0834	0.00329	83.3	0.00521	0.00593	0.000109	0.0011	0.00056	0.525	0.00000185	0.00384	0.00038	0.00108	0.00315
2031 Jun	0.00024	0.00126	0.0651	0.0000177	13.4	15	0.0915	0.00308	73	0.00517	0.00637	0.000212	0.00112	0.000549	0.515	0.00000198	0.00368	0.000548	0.00141	0.00302
2031 Jul	0.0000237	0.000201	0.00406	0.00000299	2.55	2.77	0.014	0.000594	13.7	0.000937	0.000716	0.000009	0.000205	0.000103	0.0942	0.000000291	0.000717	0.000049	0.000168	0.000592
2031 Aug	0.000044	0.000381	0.00611	0.00000572	4.91	5.34	0.0266	0.00116	26.4	0.0018	0.00131	0.0000104	0.000391	0.000198	0.182	0.000000554	0.00138	0.0000854	0.000305	0.00114
2031 Sep	0.0000671	0.000572	0.0136	0.00000816	6.69	7.32	0.0363	0.0016	36	0.00248	0.00247	0.0000141	0.000529	0.000269	0.249	0.000000836	0.00187	0.000132	0.000459	0.00154
2031 Oct	0.000127	0.00107	0.0326	0.0000148	11.4	12.6	0.0624	0.00277	61.3	0.0043	0.00535	0.0000258	0.000899	0.000458	0.43	0.00000161	0.00318	0.000246	0.000884	0.00261
2031 Nov	0.000137	0.00116	0.0358	0.0000159	12.3	13.5	0.067	0.00298	65.8	0.00462	0.00585	0.0000278	0.000963	0.000492	0.461	0.00000174	0.00341	0.000265	0.000959	0.0028
2031 Dec	0.000137	0.00116	0.0358	0.000016	12.3	13.5	0.067	0.00298	65.8	0.00462	0.00585	0.0000278	0.000963	0.000492	0.461	0.00000174	0.00341	0.000265	0.000959	0.0028

Appendix C.2-15: TIRI03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	1.45	0.00116	0.00157	0.0000514	0.745	0.000169	0.215	0.000000605	0.000000605	0.000000019	0.00000847	0.00000777	0.000365	0.0000602	9.75E-08	0.0546	5.36E-08	0.00000275
Operation (2024-2031): Mean	1750	1.45	1.95	0.0645	916	0.203	242	0.000554	0.000554	0.0000177	0.00912	0.00809	0.407	0.0595	0.0000903	59.9	0.0000587	0.00276
Operation (2024-2031): Max	2030	1.75	2.32	0.0774	1080	0.236	266	0.000732	0.000732	0.0000228	0.00972	0.00901	0.441	0.0711	0.000117	64.1	0.0000627	0.00324
Active Closure (2032-2038): Min	48.7	0.0422	0.0502	0.00176	23.7	0.00847	6.28	0.0000861	0.0000861	0.000000522	0.000791	0.000243	0.0103	0.00257	0.000000832	2.9	0.00000285	0.0000591
Active Closure (2032-2038): Mean	186	0.155	0.202	0.00678	95	0.0247	25.6	0.000137	0.000137	0.00000197	0.00156	0.00089	0.0428	0.00729	0.00000807	7.65	0.00000767	0.00028
Active Closure (2032-2038): Max	1690	1.36	1.84	0.0604	872	0.197	248	0.000675	0.000675	0.0000212	0.0097	0.00882	0.42	0.0679	0.000109	62.6	0.0000615	0.00311
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2038)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun																		
2026 Jul																		
2026 Aug																		
2026 Sep																		
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun																		
2027 Jul																		
2027 Aug																		
2027 Sep																		
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		
2028 Apr																		
2028 May																		
2028 Jun																		
2028 Jul																		

Appendix C.2-15: TIRI03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Aug																		
2028 Sep																		
2028 Oct																		
2028 Nov																		
2028 Dec																		
2029 Jan																		
2029 Feb																		
2029 Mar																		
2029 Apr																		
2029 May	1.45	0.00116	0.00157	0.0000514	0.745	0.000169	0.215	0.000000605	0.000000605	0.000000019	0.00000847	0.00000777	0.000365	0.0000602	9.75E-08	0.0546	5.36E-08	0.00000275
2029 Jun	613	0.468	0.644	0.0208	308	0.0713	96.5	0.000314	0.000314	0.00000972	0.00394	0.0037	0.165	0.0298	0.0000503	25	0.0000246	0.00135
2029 Jul	1800	1.49	2	0.0662	941	0.209	249	0.00057	0.00057	0.0000182	0.00938	0.00832	0.418	0.0613	0.0000929	61.6	0.0000604	0.00284
2029 Aug	1860	1.56	2.09	0.0694	982	0.216	254	0.000544	0.000544	0.0000175	0.00944	0.0083	0.425	0.0601	0.0000891	62.3	0.000061	0.0028
2029 Sep	1920	1.63	2.18	0.0724	1020	0.223	258	0.000515	0.000515	0.0000168	0.00946	0.00824	0.43	0.0586	0.0000847	62.8	0.0000615	0.00274
2029 Oct	1870	1.57	2.11	0.0699	988	0.218	256	0.000551	0.000551	0.0000177	0.00952	0.00837	0.428	0.0606	0.00009	62.8	0.0000615	0.00282
2029 Nov	1840	1.53	2.05	0.0678	963	0.213	254	0.000577	0.000577	0.0000185	0.00955	0.00847	0.426	0.0622	0.0000941	62.8	0.0000615	0.00288
2029 Dec	1840	1.53	2.05	0.0678	963	0.213	254	0.000577	0.000577	0.0000185	0.00955	0.00847	0.427	0.0622	0.0000941	62.8	0.0000615	0.00289
2030 Jan	1840	1.53	2.05	0.0678	963	0.213	254	0.000577	0.000577	0.0000185	0.00955	0.00847	0.427	0.0622	0.0000941	62.8	0.0000615	0.00289
2030 Feb	1840	1.53	2.05	0.0678	963	0.213	254	0.000577	0.000577	0.0000185	0.00955	0.00847	0.427	0.0622	0.0000941	62.8	0.0000615	0.00289
2030 Mar	1840	1.53	2.05	0.0679	964	0.213	254	0.000577	0.000577	0.0000185	0.00955	0.00847	0.427	0.0622	0.0000941	62.8	0.0000616	0.00289
2030 Apr	1840	1.53	2.05	0.0679	964	0.213	254	0.000578	0.000578	0.0000185	0.00956	0.00848	0.427	0.0623	0.0000942	62.8	0.0000616	0.00289
2030 May	1850	1.54	2.06	0.0682	969	0.215	256	0.00058	0.00058	0.0000186	0.00961	0.00852	0.429	0.0626	0.0000946	63.1	0.0000619	0.0029
2030 Jun	1680	1.34	1.82	0.0597	863	0.195	247	0.000678	0.000678	0.0000213	0.00966	0.00882	0.418	0.068	0.000109	62.3	0.0000613	0.00312
2030 Jul	1870	1.56	2.09	0.0692	981	0.217	257	0.000569	0.000569	0.0000183	0.0096	0.00849	0.43	0.062	0.000093	63.2	0.000062	0.00288
2030 Aug	1960	1.67	2.23	0.0739	1040	0.228	262	0.000516	0.000516	0.0000168	0.00959	0.00833	0.437	0.059	0.0000849	63.7	0.0000624	0.00276
2030 Sep	2030	1.75	2.32	0.0774	1080	0.236	266	0.000478	0.000478	0.0000157	0.00957	0.00821	0.441	0.0569	0.0000791	64.1	0.0000627	0.00268
2030 Oct	1970	1.68	2.24	0.0745	1050	0.229	263	0.000512	0.000512	0.0000167	0.0096	0.00833	0.438	0.0588	0.0000843	63.9	0.0000625	0.00276
2030 Nov	1910	1.61	2.15	0.0712	1010	0.222	260	0.00055	0.00055	0.0000178	0.00962	0.00845	0.434	0.061	0.0000901	63.6	0.0000623	0.00284
2030 Dec	1910	1.61	2.15	0.0712	1010	0.222	260	0.000551	0.000551	0.0000178	0.00962	0.00845	0.434	0.061	0.0000901	63.6	0.0000623	0.00284
2031 Jan	1910	1.61	2.15	0.0712	1010	0.222	260	0.000551	0.000551	0.0000178	0.00962	0.00845	0.434	0.061	0.0000901	63.6	0.0000623	0.00284
2031 Feb	1910	1.61	2.15	0.0712	1010	0.222	260	0.000551	0.000551	0.0000178	0.00962	0.00845	0.434	0.061	0.0000901	63.6	0.0000623	0.00284
2031 Mar	1910	1.61	2.15	0.0713	1010	0.222	260	0.000551	0.000551	0.0000178	0.00963	0.00845	0.434	0.061	0.0000901	63.6	0.0000623	0.00284
2031 Apr	1910	1.61	2.15	0.0714	1010	0.222	260	0.000551	0.000551	0.0000178	0.00964	0.00847	0.435	0.0611	0.0000903	63.7	0.0000624	0.00285
2031 May	1860	1.55	2.08	0.0688	977	0.216	258	0.000588	0.000588	0.0000188	0.0097	0.00861	0.433	0.0633	0.0000958	63.7	0.0000625	0.00293
2031 Jun	1590	1.25	1.7	0.0555	811	0.185	243	0.000732	0.000732	0.0000228	0.00972	0.00901	0.414	0.0711	0.000117	62.1	0.0000612	0.00324
2031 Jul	1660	1.32	1.8	0.0587	851	0.193	246	0.000695	0.000695	0.0000218	0.0097	0.0089	0.419	0.0691	0.000112	62.5	0.0000615	0.00316
2031 Aug	1930	1.63	2.18	0.0724	1020	0.224	261	0.000536	0.000536	0.0000174	0.00961	0.0084	0.435	0.0602	0.000088	63.7	0.0000623	0.00281
2031 Sep	1880	1.57	2.11	0.0697	987	0.218	257	0.000564	0.000564	0.0000181	0.0096	0.00847	0.431	0.0616	0.0000921	63.3	0.000062	0.00287
2031 Oct	1700	1.37	1.85	0.0607	875	0.197	248	0.000666	0.000666	0.000021	0.00965	0.00878	0.419	0.0674	0.000108	62.4	0.0000613	0.00309
2031 Nov	1690	1.35	1.84	0.0602	869	0.196	247	0.000674	0.000674	0.0000212	0.00966	0.00881	0.419	0.0678	0.000109	62.4	0.0000614	0.00311
2031 Dec	1690	1.35	1.84	0.0602	869	0.196	247	0.000674	0.000674	0.0000212	0.00966	0.00881	0.419	0.0678	0.000109	62.4	0.0000614	0.00311
2032 Jan	1690	1.35	1.84	0.0602	869	0.196	247	0.000674	0.000674	0.0000212	0.00966	0.00881	0.419	0.0678	0.000109	62.4	0.0000614	0.00311
2032 Feb	1690	1.35	1.84	0.0602	869	0.196	247	0.000674	0.000674	0.0000212	0.00966	0.00881	0.419	0.0678	0.000109	62.4	0.0000614	0.00311
2032 Mar	1690	1.35	1.84	0.0602	869	0.196	247	0.000674	0.000674	0.0000212	0.00966	0.00882	0.419	0.0678	0.000109	62.4	0.0000614	0.00311
2032 Apr	1690	1.36	1.84	0.0603	870	0.196	248	0.000675	0.000675	0.0000212	0.00967	0.00882	0.42	0.0679	0.000109	62.5	0.0000614	0.00311
2032 May	1690	1.36	1.84	0.0604	872	0.197	248	0.000675	0.000675	0.000021	0.0097	0.0088	0.419	0.0677	0.000108	62.6	0.0000615	0.00309
2032 Jun	542	0.448	0.592	0.0199	278	0.0696	72.8	0.000446	0.000446	0.00000596	0.00489	0.00256	0.123	0.0206	0.0000237	21.6	0.000024	0.000813
2032 Jul	302	0.258	0.337	0.0115	156	0.0409	37.4	0.000244	0.000244	0.00000225	0.00275	0.00116	0.062	0.00839	0.00000668	10.8	0.0000127	0.000323
2032 Aug	195	0.168	0.218	0.00746	101	0.0267	24	0.000151	0.000151	0.00000136	0.00171	0.000731	0.0397	0.00521	0.0000039	6.91	0.00000786	0.000199
2032 Sep	146	0.126	0.164	0.00561	75.8	0.0201	18	0.000112	0.000112	0.000000996	0.00127	0.000544	0.0297	0.00385	0.00000281	5.17	0.00000581	0.000147
2032 Oct	130	0.112	0.145	0.00497	67.3	0.0179	15.9	0.0000987	0.0000987	0.000000876	0.00113	0.000481	0.0263	0.00341	0.00000245	4.59	0.00000513	0.00013
2032 Nov	131	0.113	0.146	0.00502	67.9	0.018	16	0.0000996	0.0000996	0.000000881	0.00114	0.000484	0.0265	0.00343	0.00000246	4.63	0.00000517	0.00013
2032 Dec	132	0.114	0.148	0.00505	68.4	0.0182	16.2	0.000101	0.000101	0.000000885	0.00115	0.000488	0.0267	0.00346	0.00000246	4.67	0.00000521	0.000131
2033 Jan	132	0.114	0.148	0.00505	68.4	0.0182	16.2	0.000101	0.000101	0.000000885	0.00115	0.000488	0.0267	0.00346	0.00000246	4.67	0.00000521	0.000131
2033 Feb	132	0.114	0.148	0.00505	68.4	0.0182	16.2	0.000101	0.000101	0.000000885	0.00115	0.000488	0.0267	0.00346	0.00000246	4.67	0.00000521	0.000131
2033 Mar	132	0.114	0.148	0.00506	68.4	0.0182	16.2	0.000101	0.000101	0.000000886	0.00115	0.000488	0.0267	0.00346	0.00000246	4.67	0.00000521	0.000131
2033 Apr	132	0.114	0.148	0.00506	68.4	0.0182	16.2	0.000101	0.000101	0.000000886	0.00115	0.000488	0.0267	0.00346	0.00000247	4.67	0.00000521	0.000131
2033 May	134	0.116	0.149	0.00512	69.4	0.0187	16.5	0.000114	0.000114	0.00000095	0.00124	0.000517	0.0271	0.00407	0.00000251	5.19	0.00000554	0.000138
2033 Jun	147	0.127	0.161	0.00553	75	0.0208	18.1	0.000137	0.000137	0.00000105	0.00145	0.000587	0.0296	0.00515	0.0000025	6.31	0.00000638	0.000154
2033 Jul	133	0.115	0.147	0.00503	68.1	0.019	16.5	0.000122	0.000122	0.000000935	0.0013	0.000529	0.0269	0.00457	0.00000219	5.67	0.00000576	0.000138
2033 Aug	115	0.0994	0.127	0.00435	58.8	0.0164	14.3	0.000105	0.000105	0.000000797	0.00112	0.000455	0.0233	0.00391	0.00000186	4.87	0.00000493	0.000118
2033 Sep	105	0.0907	0.115	0.00395	53.5	0.0151	13	0.0000945	0.0000945	0.000000714	0.00102	0.000412	0.0212	0.0035	0.00000164	4.42	0.00000445	0.000107
2033 Oct	104	0.0903	0.113	0.0039	52.8	0.0153	12.9	0.0000967	0.0000967	0.000000713	0.00105	0.000409	0.0211	0.00348	0.00000157	4.42	0.00000443	0.000105
2033 Nov	104	0.0907	0.114	0.00391	52.9	0.0154	12.9	0.0000982	0.0000982	0.00000072	0.00106	0.000412	0.0211	0.00351	0.00000158	4.45	0.00000445	0.000105
2033 Dec	104	0.0907	0.114	0.00391	52.9	0.0154	12.9	0.0000982	0.0000982	0.00000072	0.00106	0.000412	0.0211	0.00351	0.00000158	4.45	0.00000445	0.000105
2034 Jan	104	0.0907	0.114	0.00391	52.9	0.0154	12.9	0.0000982	0.0000982	0.00000072	0.00106	0.000412	0.0211	0.00351	0.00000158	4.45	0.00000445	0.000105
2034 Feb	104	0.0907	0.114	0.00391	52.9	0.0154	12.9	0.0000982	0.0000982	0.00000072	0.00106	0.000412	0.0211	0.00351	0.00000158	4.45	0.00000445	0.000105

Appendix C.2-15: TIRI03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Mar	104	0.0907	0.114	0.00391	52.9	0.0154	12.9	0.0000982	0.0000982	0.00000072	0.00106	0.000412	0.0211	0.00351	0.00000158	4.45	0.00000445	0.000105
2034 Apr	104	0.0908	0.114	0.00392	53	0.0154	12.9	0.0000982	0.0000982	0.000000721	0.00106	0.000412	0.0211	0.00351	0.00000158	4.45	0.00000446	0.000105
2034 May	105	0.0912	0.114	0.00393	53.2	0.0155	13	0.0001	0.0001	0.000000732	0.00108	0.000417	0.0213	0.00361	0.00000159	4.54	0.00000452	0.000106
2034 Jun	107	0.0926	0.115	0.00397	53.8	0.016	13.3	0.000113	0.000113	0.000000793	0.00117	0.000444	0.0217	0.00414	0.00000162	5.01	0.00000486	0.000113
2034 Jul	102	0.0884	0.11	0.0038	51.4	0.0154	12.8	0.000108	0.000108	0.00000075	0.00112	0.000424	0.0209	0.0039	0.00000152	4.76	0.00000464	0.000107
2034 Aug	92.8	0.0804	0.1	0.00346	46.7	0.0141	11.7	0.0000981	0.0000981	0.000000682	0.00102	0.000386	0.019	0.00354	0.00000138	4.33	0.00000422	0.0000974
2034 Sep	86.1	0.0748	0.0929	0.0032	43.3	0.0132	10.9	0.0000923	0.0000923	0.000000638	0.000957	0.000359	0.0177	0.0033	0.00000127	4.04	0.00000393	0.0000904
2034 Oct	83.5	0.0729	0.0899	0.0031	42	0.013	10.6	0.0000924	0.0000924	0.000000631	0.000956	0.000351	0.0173	0.00323	0.00000124	3.96	0.00000385	0.000088
2034 Nov	83.6	0.0729	0.09	0.00311	42	0.013	10.6	0.0000927	0.0000927	0.000000633	0.000959	0.000352	0.0173	0.00324	0.00000124	3.97	0.00000386	0.0000881
2034 Dec	83.6	0.0729	0.09	0.00311	42	0.013	10.6	0.0000927	0.0000927	0.000000633	0.000959	0.000352	0.0173	0.00324	0.00000124	3.97	0.00000386	0.0000881
2035 Jan	83.6	0.0729	0.09	0.00311	42	0.013	10.6	0.0000927	0.0000927	0.000000633	0.000959	0.000352	0.0173	0.00324	0.00000124	3.97	0.00000386	0.0000881
2035 Feb	83.6	0.0729	0.09	0.00311	42	0.013	10.6	0.0000927	0.0000927	0.000000633	0.000959	0.000352	0.0173	0.00324	0.00000124	3.97	0.00000386	0.0000881
2035 Mar	83.6	0.0729	0.09	0.00311	42	0.013	10.6	0.0000927	0.0000927	0.000000633	0.000959	0.000352	0.0173	0.00324	0.00000124	3.97	0.00000386	0.0000881
2035 Apr	83.6	0.073	0.09	0.00311	42	0.013	10.6	0.0000927	0.0000927	0.000000633	0.000959	0.000352	0.0173	0.00324	0.00000124	3.97	0.00000386	0.0000881
2035 May	83.8	0.0731	0.0902	0.00311	42.1	0.0131	10.6	0.0000932	0.0000932	0.000000636	0.000963	0.000353	0.0173	0.00326	0.00000124	3.99	0.00000387	0.0000884
2035 Jun	83.9	0.0728	0.0894	0.00309	41.8	0.0133	10.7	0.000105	0.000105	0.000000693	0.00105	0.000368	0.0174	0.00355	0.00000128	4.23	0.00000416	0.0000919
2035 Jul	80.4	0.0696	0.0855	0.00296	40	0.0128	10.3	0.000103	0.000103	0.000000673	0.00102	0.000354	0.0168	0.0034	0.00000123	4.07	0.00000403	0.0000883
2035 Aug	75.5	0.0653	0.0803	0.00278	37.6	0.0121	9.68	0.0000973	0.0000973	0.000000634	0.000962	0.000334	0.0158	0.0032	0.00000115	3.83	0.00000378	0.000083
2035 Sep	71.7	0.0621	0.076	0.00263	35.6	0.0117	9.22	0.0000947	0.0000947	0.000000612	0.000932	0.000319	0.0151	0.00306	0.0000011	3.67	0.00000361	0.0000791
2035 Oct	69.7	0.0606	0.0738	0.00256	34.6	0.0115	8.98	0.000094	0.000094	0.000000605	0.000924	0.000313	0.0147	0.00301	0.00000107	3.6	0.00000353	0.0000772
2035 Nov	69.9	0.0609	0.0739	0.00257	34.6	0.0116	9.02	0.0000952	0.0000952	0.000000611	0.000936	0.000315	0.0148	0.00303	0.00000108	3.62	0.00000356	0.0000776
2035 Dec	69.9	0.0609	0.0739	0.00257	34.6	0.0116	9.02	0.0000952	0.0000952	0.000000611	0.000936	0.000315	0.0148	0.00303	0.00000108	3.62	0.00000356	0.0000776
2036 Jan	69.9	0.0609	0.0739	0.00257	34.6	0.0116	9.02	0.0000952	0.0000952	0.000000611	0.000936	0.000315	0.0148	0.00303	0.00000108	3.62	0.00000356	0.0000776
2036 Feb	69.9	0.0609	0.0739	0.00257	34.6	0.0116	9.02	0.0000952	0.0000952	0.000000611	0.000936	0.000315	0.0148	0.00303	0.00000108	3.62	0.00000356	0.0000776
2036 Mar	69.9	0.0609	0.0739	0.00257	34.6	0.0116	9.02	0.0000952	0.0000952	0.000000611	0.000936	0.000315	0.0148	0.00303	0.00000108	3.62	0.00000356	0.0000776
2036 Apr	70	0.0609	0.074	0.00257	34.7	0.0116	9.03	0.0000953	0.0000953	0.000000611	0.000936	0.000315	0.0148	0.00303	0.00000108	3.62	0.00000356	0.0000776
2036 May	70.1	0.061	0.0741	0.00257	34.7	0.0116	9.04	0.0000955	0.0000955	0.000000612	0.000938	0.000316	0.0148	0.00304	0.00000108	3.64	0.00000357	0.0000778
2036 Jun	69.6	0.0603	0.0732	0.00255	34.3	0.0116	9	0.000101	0.000101	0.000000639	0.00098	0.00032	0.0148	0.00312	0.0000011	3.69	0.0000037	0.0000787
2036 Jul	67.2	0.0581	0.0705	0.00246	33.1	0.0113	8.72	0.000101	0.000101	0.000000631	0.000966	0.000311	0.0143	0.00303	0.00000107	3.59	0.00000363	0.0000764
2036 Aug	63.7	0.0551	0.0669	0.00233	31.4	0.0108	8.27	0.0000958	0.0000958	0.0000006	0.000918	0.000296	0.0136	0.00288	0.00000102	3.41	0.00000344	0.0000725
2036 Sep	60.6	0.0524	0.0635	0.00221	29.8	0.0103	7.87	0.0000919	0.0000919	0.000000574	0.000878	0.000282	0.0129	0.00275	0.000000968	3.25	0.00000327	0.000069
2036 Oct	59	0.0511	0.0617	0.00215	29	0.0101	7.66	0.0000912	0.0000912	0.000000567	0.00087	0.000276	0.0126	0.0027	0.00000095	3.19	0.00000321	0.0000675
2036 Nov	58.9	0.0511	0.0617	0.00215	29	0.0101	7.65	0.0000916	0.0000916	0.000000569	0.000873	0.000276	0.0126	0.00271	0.000000952	3.19	0.00000322	0.0000675
2036 Dec	58.9	0.0511	0.0616	0.00215	28.9	0.0101	7.65	0.0000917	0.0000917	0.00000057	0.000874	0.000276	0.0126	0.00271	0.000000952	3.2	0.00000322	0.0000675
2037 Jan	58.9	0.0511	0.0616	0.00215	28.9	0.0101	7.65	0.0000917	0.0000917	0.00000057	0.000874	0.000276	0.0126	0.00271	0.000000952	3.2	0.00000322	0.0000675
2037 Feb	58.9	0.0511	0.0616	0.00215	28.9	0.0101	7.65	0.0000917	0.0000917	0.00000057	0.000874	0.000276	0.0126	0.00271	0.000000952	3.2	0.00000322	0.0000675
2037 Mar	58.9	0.0511	0.0617	0.00215	28.9	0.0101	7.65	0.0000917	0.0000917	0.00000057	0.000874	0.000276	0.0126	0.00271	0.000000952	3.2	0.00000322	0.0000675
2037 Apr	58.9	0.0512	0.0617	0.00215	29	0.0101	7.66	0.0000917	0.0000917	0.00000057	0.000874	0.000276	0.0126	0.00271	0.000000952	3.2	0.00000322	0.0000675
2037 May	59	0.0512	0.0616	0.00215	28.9	0.0101	7.66	0.0000941	0.0000941	0.000000581	0.000889	0.00028	0.0126	0.00281	0.000000963	3.28	0.00000327	0.0000686
2037 Jun	58.2	0.0504	0.0604	0.00211	28.4	0.01	7.53	0.0000974	0.0000974	0.000000596	0.000907	0.000283	0.0124	0.00294	0.000000969	3.36	0.00000331	0.0000692
2037 Jul	56.3	0.0487	0.0584	0.00204	27.5	0.0097	7.28	0.0000949	0.0000949	0.00000058	0.000882	0.000274	0.0119	0.00285	0.00000094	3.25	0.00000321	0.000067
2037 Aug	53.8	0.0466	0.0558	0.00195	26.3	0.00928	6.96	0.000091	0.000091	0.000000555	0.000844	0.000262	0.0114	0.00272	0.0000009	3.11	0.00000307	0.0000641
2037 Sep	51.5	0.0446	0.0534	0.00187	25.2	0.0089	6.66	0.0000874	0.0000874	0.000000533	0.00081	0.000252	0.0109	0.00261	0.000000864	2.98	0.00000295	0.0000614
2037 Oct	50.4	0.0437	0.0522	0.00182	24.6	0.00873	6.51	0.0000861	0.0000861	0.000000525	0.000798	0.000247	0.0107	0.00257	0.000000847	2.92	0.00000289	0.0000601
2037 Nov	50.4	0.0437	0.0522	0.00182	24.6	0.00873	6.51	0.0000863	0.0000863	0.000000525	0.000799	0.000247	0.0107	0.00257	0.000000848	2.93	0.00000289	0.0000601
2037 Dec	50.4	0.0437	0.0522	0.00182	24.6	0.00873	6.51	0.0000863	0.0000863	0.000000525	0.000799	0.000247	0.0107	0.00257	0.000000848	2.93	0.00000289	0.0000601
2038 Jan	50.4	0.0437	0.0522	0.00182	24.6	0.00873	6.51	0.0000863	0.0000863	0.000000525	0.000799	0.000247	0.0107	0.00257	0.000000848	2.93	0.00000289	0.0000601
2038 Feb	50.4	0.0437	0.0522	0.00182	24.6	0.00873	6.51	0.0000863	0.0000863	0.000000525	0.000799	0.000247	0.0107	0.00257	0.000000848	2.93	0.00000289	0.0000601
2038 Mar	50.4	0.0437	0.0522	0.00182	24.6	0.00873	6.51	0.0000863	0.0000863	0.000000525	0.000799	0.000247	0.0107	0.00257	0.000000848	2.93	0.00000289	0.0000601
2038 Apr	50.4	0.0437	0.0522	0.00182	24.6	0.00873	6.51	0.0000863	0.0000863	0.000000525	0.000799	0.000247	0.0107	0.00257	0.000000848	2.93	0.00000289	0.0000602
2038 May	50.4	0.0437	0.0522	0.00182	24.6	0.00874	6.52	0.0000867	0.0000867	0.000000528	0.000802	0.000248	0.0107	0.00259	0.00000085	2.94	0.0000029	0.0000604
2038 Jun	49.9	0.0432	0.0515	0.0018	24.3	0.00866	6.44	0.0000879	0.0000879	0.000000532	0.000807	0.000248	0.0106	0.00264	0.00000085	2.97	0.00000291	0.0000605
2038 Jul	48.8	0.0423	0.0504	0.00176	23.8	0.00848	6.3	0.0000863	0.0000863	0.000000522	0.000792	0.000243	0.0103	0.00258	0.000000833	2.91	0.00000285	0.0000592
2038 Aug	48.7	0.0422	0.0503	0.00176	23.7	0.00847	6.28	0.0000863	0.0000863	0.000000522	0.000791	0.000243	0.0103	0.00258	0.000000832	2.9	0.00000285	0.0000591
2038 Sep	48.7	0.0423	0.0503	0.00176	23.7	0.00849	6.29	0.0000866	0.0000866	0.000000523	0.000794	0.000243	0.0103	0.00258	0.000000834	2.91	0.00000285	0.0000592
2038 Oct	48.7	0.0423	0.0502	0.00176	23.7	0.0085	6.28	0.0000869	0.0000869	0.000000525	0.000796	0.000243	0.0103	0.00259	0.000000835	2.91	0.00000286	0.0000592
2038 Nov	48.7	0.0423	0.0502	0.00176	23.7	0.0085	6.29	0.0000869	0.0000869	0.000000525	0.000796	0.000243	0.0103	0.00259	0.000000835	2.91	0.00000286	0.0000592
2038 Dec	48.7	0.0423	0.0502	0.00176	23.7	0.0085	6.29	0.0000869	0.0000869	0.000000525	0.000796	0.000243	0.0103	0.00259	0.000000835	2.91	0.00000286	0.0000592

Appendix C.2-15: TIRI03

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.00000132	0.00000336	0.0000144	1.79E-08	0.0131	0.0209	0.000186	0.0000129	0.42	0.0000177	0.0000478	0.000000224	0.00000241	0.000000422	0.00147	6.71E-09	0.00000425	0.00000507	0.00000513	0.00000567
Operation (2024-2031): Mean	0.00127	0.00347	0.0144	0.0000227	14.4	24.5	0.19	0.0124	501	0.0181	0.044	0.000212	0.00258	0.000524	1.48	0.00000649	0.00451	0.00477	0.00493	0.00658
Operation (2024-2031): Max	0.00157	0.00392	0.0169	0.0000274	15.5	27.9	0.218	0.0153	579	0.0207	0.0577	0.000269	0.00276	0.000625	1.72	0.00000798	0.0049	0.00608	0.00612	0.00742
Active Closure (2032-2038): Min	0.0000337	0.000133	0.00849	0.00000163	0.436	0.891	0.00638	0.00013	11.9	0.000377	0.00103	0.0000172	0.0000655	0.0000232	0.0282	0.00000023	0.0000907	0.000084	0.000186	0.000179
Active Closure (2032-2038): Mean	0.000134	0.000411	0.0125	0.0000035	1.59	2.84	0.0214	0.00112	51	0.00182	0.00458	0.0000456	0.000273	0.000065	0.146	0.00000076	0.000451	0.000466	0.000595	0.000703
Active Closure (2032-2038): Max	0.00148	0.00382	0.0367	0.0000212	15	24.3	0.211	0.0145	488	0.0201	0.0533	0.000256	0.00275	0.000497	1.66	0.00000754	0.00484	0.00568	0.00576	0.00656
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2038)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun																				
2026 Jul																				
2026 Aug																				
2026 Sep																				
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun																				
2027 Jul																				
2027 Aug																				
2027 Sep																				
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				
2028 Apr																				
2028 May																				
2028 Jun																				
2028 Jul																				

Appendix C.2-15: TIRI03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Aug																				
2028 Sep																				
2028 Oct																				
2028 Nov																				
2028 Dec																				
2029 Jan																				
2029 Feb																				
2029 Mar																				
2029 Apr																				
2029 May	0.00000132	0.00000336	0.0000144	1.79E-08	0.0131	0.0209	0.000186	0.0000129	0.42	0.0000177	0.0000478	0.000000224	0.00000241	0.000000422	0.00147	6.71E-09	0.00000425	0.00000507	0.00000513	0.00000567
2029 Jun	0.000665	0.00161	0.00702	0.0000072	5.95	9.04	0.0903	0.00648	179	0.00857	0.0247	0.000114	0.00112	0.000172	0.715	0.00000337	0.002	0.00259	0.00259	0.00247
2029 Jul	0.0013	0.00357	0.0149	0.0000233	14.8	25.2	0.195	0.0127	515	0.0186	0.0452	0.000218	0.00266	0.000539	1.52	0.00000668	0.00464	0.00491	0.00507	0.00676
2029 Aug	0.00126	0.00355	0.0146	0.0000245	15	26	0.193	0.0124	534	0.0184	0.0433	0.000211	0.00267	0.000563	1.5	0.0000065	0.00465	0.00474	0.00492	0.00695
2029 Sep	0.00122	0.00352	0.0144	0.0000256	15.2	26.7	0.191	0.012	550	0.0182	0.041	0.000202	0.00268	0.000586	1.47	0.00000629	0.00464	0.00454	0.00475	0.00712
2029 Oct	0.00128	0.00359	0.0148	0.0000246	15.1	26.1	0.195	0.0125	537	0.0186	0.0437	0.000213	0.00269	0.000567	1.51	0.00000657	0.00469	0.00479	0.00497	0.007
2029 Nov	0.00132	0.00364	0.0151	0.0000239	15.1	25.7	0.199	0.0129	527	0.0189	0.0458	0.000221	0.00271	0.000551	1.54	0.00000678	0.00472	0.00498	0.00514	0.00691
2029 Dec	0.00132	0.00364	0.0151	0.0000239	15.1	25.7	0.199	0.0129	527	0.0189	0.0458	0.000221	0.00271	0.000551	1.54	0.00000678	0.00472	0.00498	0.00514	0.00691
2030 Jan	0.00132	0.00364	0.0151	0.0000239	15.1	25.7	0.199	0.0129	527	0.0189	0.0458	0.000221	0.00271	0.000551	1.54	0.00000678	0.00472	0.00498	0.00514	0.00691
2030 Feb	0.00132	0.00364	0.0151	0.0000239	15.1	25.7	0.199	0.0129	527	0.0189	0.0458	0.000221	0.00271	0.000552	1.54	0.00000678	0.00472	0.00498	0.00514	0.00691
2030 Mar	0.00132	0.00364	0.0151	0.0000239	15.1	25.8	0.199	0.0129	527	0.0189	0.0458	0.000221	0.00271	0.000552	1.54	0.00000678	0.00473	0.00498	0.00514	0.00691
2030 Apr	0.00132	0.00364	0.0151	0.0000239	15.1	25.8	0.199	0.0129	528	0.019	0.0458	0.000221	0.00271	0.000552	1.54	0.00000678	0.00473	0.00498	0.00515	0.00691
2030 May	0.00133	0.00366	0.0152	0.000024	15.2	25.9	0.2	0.013	530	0.019	0.0461	0.000222	0.00272	0.000555	1.55	0.00000682	0.00475	0.00501	0.00517	0.00695
2030 Jun	0.00149	0.00382	0.0163	0.0000209	14.9	24.1	0.211	0.0145	485	0.0201	0.0536	0.000252	0.00274	0.000489	1.66	0.00000756	0.00484	0.0057	0.00578	0.00652
2030 Jul	0.00131	0.00364	0.0151	0.0000244	15.2	26.1	0.198	0.0128	535	0.0189	0.0452	0.000219	0.00272	0.000562	1.54	0.00000673	0.00474	0.00493	0.0051	0.007
2030 Aug	0.00123	0.00355	0.0145	0.0000261	15.4	27.1	0.192	0.012	561	0.0184	0.0411	0.000203	0.00271	0.000599	1.48	0.00000633	0.0047	0.00455	0.00478	0.00724
2030 Sep	0.00116	0.00349	0.0141	0.0000274	15.5	27.9	0.188	0.0114	579	0.018	0.0381	0.000191	0.00271	0.000625	1.44	0.00000603	0.00467	0.00428	0.00454	0.00742
2030 Oct	0.00122	0.00355	0.0145	0.0000263	15.4	27.3	0.192	0.012	564	0.0183	0.0408	0.000202	0.00272	0.000603	1.48	0.0000063	0.0047	0.00452	0.00475	0.00728
2030 Nov	0.00128	0.00362	0.0149	0.0000251	15.3	26.6	0.197	0.0126	547	0.0188	0.0438	0.000213	0.00272	0.000578	1.52	0.00000659	0.00474	0.0048	0.00499	0.00711
2030 Dec	0.00128	0.00362	0.0149	0.0000251	15.3	26.6	0.197	0.0126	547	0.0188	0.0438	0.000213	0.00273	0.000578	1.52	0.0000066	0.00474	0.0048	0.00499	0.00711
2031 Jan	0.00128	0.00362	0.0149	0.0000251	15.3	26.6	0.197	0.0126	547	0.0188	0.0438	0.000213	0.00273	0.000578	1.52	0.0000066	0.00474	0.0048	0.00499	0.00711
2031 Feb	0.00128	0.00362	0.0149	0.0000251	15.3	26.6	0.197	0.0126	547	0.0188	0.0438	0.000213	0.00273	0.000578	1.52	0.0000066	0.00474	0.0048	0.00499	0.00711
2031 Mar	0.00128	0.00362	0.0149	0.0000251	15.3	26.6	0.197	0.0126	547	0.0188	0.0438	0.000213	0.00273	0.000578	1.52	0.0000066	0.00474	0.0048	0.00499	0.00711
2031 Apr	0.00128	0.00362	0.0149	0.0000252	15.4	26.6	0.197	0.0126	548	0.0188	0.0438	0.000214	0.00273	0.000579	1.52	0.00000661	0.00475	0.00481	0.005	0.00713
2031 May	0.00134	0.0037	0.0153	0.0000242	15.3	26.1	0.202	0.0132	535	0.0192	0.0466	0.000225	0.00275	0.000559	1.57	0.0000069	0.0048	0.00507	0.00523	0.00701
2031 Jun	0.00157	0.00392	0.0169	0.0000193	14.8	23.2	0.218	0.0153	463	0.0207	0.0577	0.000269	0.00276	0.000457	1.72	0.00000798	0.0049	0.00608	0.00612	0.00632
2031 Jul	0.00151	0.00386	0.0165	0.0000205	15	23.9	0.214	0.0148	480	0.0203	0.0549	0.000257	0.00276	0.000482	1.68	0.0000077	0.00487	0.00583	0.00589	0.00648
2031 Aug	0.00126	0.00359	0.0147	0.0000255	15.4	26.8	0.195	0.0123	553	0.0186	0.0427	0.000209	0.00272	0.000587	1.51	0.00000649	0.00472	0.0047	0.0049	0.00717
2031 Sep	0.0013	0.00363	0.015	0.0000246	15.2	26.2	0.198	0.0127	538	0.0189	0.0448	0.000217	0.00272	0.000566	1.53	0.00000669	0.00474	0.00489	0.00507	0.00702
2031 Oct	0.00147	0.0038	0.0161	0.0000212	15	24.3	0.21	0.0143	490	0.02	0.0527	0.000249	0.00274	0.000497	1.65	0.00000747	0.00482	0.00562	0.0057	0.00657
2031 Nov	0.00148	0.00381	0.0162	0.000021	15	24.2	0.211	0.0144	487	0.0201	0.0533	0.000251	0.00274	0.000493	1.65	0.00000753	0.00484	0.00567	0.00575	0.00654
2031 Dec	0.00148	0.00381	0.0162	0.000021	15	24.2	0.211	0.0144	487	0.0201	0.0533	0.000251	0.00274	0.000493	1.65	0.00000753	0.00484	0.00567	0.00575	0.00655
2032 Jan	0.00148	0.00381	0.0162	0.000021	15	24.2	0.211	0.0144	487	0.0201	0.0533	0.000251	0.00274	0.000493	1.65	0.00000753	0.00484	0.00567	0.00575	0.00655
2032 Feb	0.00148	0.00381	0.0162	0.000021	15	24.2	0.211	0.0144	487	0.0201	0.0533	0.000251	0.00274	0.000493	1.65	0.00000753	0.00484	0.00567	0.00575	0.00655
2032 Mar	0.00148	0.00381	0.0162	0.000021	15	24.2	0.211	0.0144	488	0.0201	0.0533	0.000251	0.00274	0.000493	1.65	0.00000753	0.00484	0.00567	0.00575	0.00655
2032 Apr	0.00148	0.00382	0.0162	0.0000211	15	24.2	0.211	0.0145	488	0.0201	0.0533	0.000251	0.00275	0.000494	1.66	0.00000754	0.00484	0.00568	0.00576	0.00655
2032 May	0.00147	0.00381	0.0179	0.0000212	15	24.3	0.211	0.0143	488	0.02	0.0529	0.000256	0.00274	0.000497	1.65	0.0000075	0.00482	0.00564	0.00573	0.00656
2032 Jun	0.00038	0.00117	0.0367	0.0000105	4.54	8.04	0.0608	0.00321	149	0.00528	0.0136	0.000126	0.000809	0.000185	0.418	0.0000023	0.00129	0.00139	0.0019	0.002
2032 Jul	0.000128	0.000538	0.0209	0.00000662	2.27	4.43	0.0248	0.00103	80.4	0.00221	0.00452	0.0000467	0.000388	0.000111	0.164	0.000000971	0.000585	0.000445	0.000825	0.00109
2032 Aug	0.0000775	0.000339	0.013	0.00000427	1.45	2.86	0.0153	0.000624	51.8	0.00138	0.00268	0.0000275	0.000243	0.0000717	0.102	0.000000597	0.00037	0.00026	0.000496	0.0007
2032 Sep	0.0000566	0.000252	0.00958	0.0000032	1.08	2.14	0.0113	0.000457	38.9	0.00102	0.00195	0.0000197	0.000181	0.0000539	0.0754	0.000000439	0.000275	0.000188	0.000361	0.000525
2032 Oct	0.0000498	0.000224	0.00849	0.00000284	0.959	1.9	0.00997	0.000402	34.5	0.0009	0.00171	0.0000172	0.000159	0.0000479	0.0665	0.000000387	0.000244	0.000164	0.000317	0.000466
2032 Nov	0.00005	0.000226	0.00858	0.00000286	0.967	1.92	0.01	0.000404	34.8	0.000906	0.00172	0.0000172	0.00016	0.0000483	0.0669	0.000000039	0.000245	0.000165	0.000319	0.000469
2032 Dec	0.0000503	0.000227	0.00867	0.00000289	0.974	1.93	0.0101	0.000406	35	0.000911	0.00173	0.0000172	0.000161	0.0000486	0.0673	0.000000392	0.000247	0.000165	0.00032	0.000473
2033 Jan	0.0000503	0.000227	0.00867	0.00000289	0.974	1.93	0.0101	0.000406	35	0.000911	0.00173	0.0000172	0.000161	0.0000486	0.0673	0.000000392	0.000247	0.000165	0.00032	0.000473
2033 Feb	0.0000503	0.000227	0.00867	0.00000289	0.974	1.93	0.0101	0.000406	35	0.000911	0.00173	0.0000172	0.000161	0.0000486	0.0673	0.000000392	0.000247	0.000165	0.00032	0.000473
2033 Mar	0.0000503	0.000227	0.00867	0.00000289	0.974	1.93	0.0101	0.000406	35	0.000911	0.00173	0.0000172	0.000161	0.0000487	0.0673	0.000000392	0.000247	0.000165	0.00032	0.000473
2033 Apr	0.0000503	0.000228	0.00867	0.00000289	0.974	1.93	0.0101	0.000406	35	0.000912	0.00173	0.0000172	0.000161	0.0000487	0.0673	0.000000393	0.000247	0.000165	0.00032	0.000473
2033 May	0.0000597	0.000246	0.012	0.00000305	1.01	2.02	0.0117	0.000408	35.5	0.000942	0.00188	0.0000311	0.000166	0.0000512	0.0703	0.00000042	0.00025	0.000183	0.000344	0.000479
2033 Jun	0.0000755	0.000286	0.0177	0.00000352	1.14	2.32	0.0149	0.000414	38.1	0.00103	0.00208	0.0000545	0.000183	0.0000591	0.0774	0.000000471	0.00027	0.000212	0.000392	0.000525
2033 Jul	0.0000665	0.000257	0.0156	0.0000032	1.03	2.11	0.0132	0.000368	34.6	0.000929	0.00183	0.0000474	0.000166	0.0000539	0.0695	0.00000042	0.000245	0.000186	0.000349	0.00048
2033 Aug	0.0000566	0.000221	0.0133	0.00000276	0.893	1.82	0.0113	0.000315	29.8	0.000799	0.00156	0.0000401	0.000143	0.0000466	0.0597	0.00000036	0.000211	0.000158	0.000297	0.000416
2033 Sep	0.0000501	0.000201	0.0118	0.00000252	0.812	1.66	0.0101	0.000283	27.1	0.000721	0.00139	0.0000346	0.000129	0.0000425	0.0538	0.000000324	0.000192	0.000138	0.000264	0.00038
2033 Oct	0.0000485	0.000202	0.0118	0.00000254	0.806	1.65	0.00973	0.000278	26.7	0.00071	0.0014	0.0000321	0.000126	0.0000422	0.0529	0.000000325	0.00019	0.000132	0.000258	0.000377
2033 Nov	0.0000487	0.000204	0.0119	0.00000256	0.81	1.66	0.00976	0.000279	26.8	0.000713	0.00141	0.0000321	0.000127	0.0000423	0.0531	0.000000328	0.00019	0.000132	0.00026	0.000378
2033 Dec	0.0000487	0.000204	0.0119	0.00000256	0.81	1.66	0.00976	0.000279	26.8	0.000713	0.00141	0.0000321	0.000127	0.0000423	0.0531	0.000000328	0.00019	0.000132	0.00026	0.000378
2034 Jan	0.0000487	0.000204	0.0119	0.00000256	0.81	1.66	0.00976	0.000279	26.8	0.000713	0.00141	0.0000321	0.000127	0.0000423	0.0531	0.000000328	0.00019	0.000132	0.00026	0.000378
2034 Feb	0.0000487	0.000204	0.0119	0.00000256	0.81	1.66	0.00976	0.000279	26.8	0.000713	0.00141	0.0000321	0.000127	0.0000423	0.0531	0.000000328	0.00019	0.000132	0.00026	0.000378

Appendix C.2-15: TIRI03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Mar	0.0000487	0.000204	0.0119	0.00000256	0.81	1.66	0.00976	0.000279	26.8	0.000713	0.00141	0.0000321	0.000127	0.0000423	0.0531	0.000000328	0.00019	0.000132	0.00026	0.000378
2034 Apr	0.0000487	0.000204	0.0119	0.00000256	0.81	1.66	0.00976	0.000279	26.8	0.000713	0.00141	0.0000321	0.000127	0.0000423	0.0531	0.000000328	0.00019	0.000132	0.00026	0.000378
2034 May	0.0000503	0.000207	0.0125	0.00000259	0.818	1.67	0.01	0.00028	26.9	0.000719	0.00144	0.0000343	0.000128	0.0000428	0.0537	0.000000333	0.000191	0.000135	0.000264	0.00038
2034 Jun	0.0000583	0.000224	0.0154	0.00000276	0.856	1.76	0.0115	0.000281	27.1	0.000748	0.00157	0.0000464	0.000133	0.0000453	0.0562	0.000000359	0.000195	0.000151	0.00029	0.000387
2034 Jul	0.0000545	0.000213	0.0145	0.00000265	0.821	1.69	0.0108	0.000266	25.9	0.000715	0.00147	0.000043	0.000127	0.0000435	0.0535	0.000000341	0.000187	0.000141	0.000275	0.000373
2034 Aug	0.0000495	0.000194	0.0132	0.00000242	0.748	1.54	0.00984	0.000242	23.6	0.00065	0.00134	0.000039	0.000116	0.0000396	0.0487	0.00000031	0.00017	0.000128	0.00025	0.00034
2034 Sep	0.0000457	0.000182	0.0123	0.00000226	0.696	1.43	0.00907	0.000225	21.9	0.000604	0.00125	0.0000354	0.000108	0.0000369	0.0452	0.00000029	0.000158	0.000118	0.000232	0.000317
2034 Oct	0.0000443	0.000179	0.0121	0.00000223	0.679	1.4	0.00875	0.000219	21.2	0.000588	0.00124	0.0000338	0.000104	0.0000359	0.0439	0.000000287	0.000154	0.000113	0.000226	0.000308
2034 Nov	0.0000443	0.00018	0.0121	0.00000223	0.679	1.4	0.00876	0.000219	21.2	0.000588	0.00125	0.0000338	0.000104	0.0000359	0.044	0.000000287	0.000154	0.000113	0.000227	0.000308
2034 Dec	0.0000443	0.00018	0.0121	0.00000223	0.679	1.4	0.00876	0.000219	21.2	0.000588	0.00125	0.0000338	0.000104	0.0000359	0.044	0.000000287	0.000154	0.000113	0.000227	0.000308
2035 Jan	0.0000443	0.00018	0.0121	0.00000223	0.679	1.4	0.00876	0.000219	21.2	0.000588	0.00125	0.0000338	0.000104	0.0000359	0.044	0.000000287	0.000154	0.000113	0.000227	0.000308
2035 Feb	0.0000443	0.00018	0.0121	0.00000223	0.679	1.4	0.00876	0.000219	21.2	0.000588	0.00125	0.0000338	0.000104	0.0000359	0.044	0.000000287	0.000154	0.000113	0.000227	0.000308
2035 Mar	0.0000443	0.00018	0.0121	0.00000223	0.679	1.4	0.00876	0.000219	21.2	0.000588	0.00125	0.0000338	0.000104	0.0000359	0.044	0.000000287	0.000154	0.000113	0.000227	0.000308
2035 Apr	0.0000443	0.00018	0.0121	0.00000223	0.68	1.4	0.00876	0.000219	21.2	0.000589	0.00125	0.0000338	0.000104	0.000036	0.044	0.000000287	0.000154	0.000113	0.000227	0.000308
2035 May	0.0000446	0.00018	0.0122	0.00000224	0.682	1.4	0.00882	0.00022	21.2	0.00059	0.00125	0.0000342	0.000104	0.0000361	0.0441	0.000000289	0.000154	0.000114	0.000228	0.000309
2035 Jun	0.0000486	0.000191	0.014	0.00000236	0.699	1.44	0.00951	0.000219	21	0.000605	0.00137	0.0000401	0.000107	0.0000371	0.0452	0.000000312	0.000155	0.000124	0.000252	0.000309
2035 Jul	0.0000464	0.000184	0.0135	0.00000229	0.672	1.38	0.00909	0.000209	20.1	0.000582	0.00132	0.0000382	0.000104	0.0000358	0.0434	0.000000303	0.000149	0.000119	0.000246	0.000297
2035 Aug	0.0000434	0.000173	0.0127	0.00000216	0.633	1.3	0.00851	0.000197	18.9	0.000547	0.00124	0.0000355	0.0000974	0.0000337	0.0408	0.000000286	0.00014	0.000111	0.000231	0.00028
2035 Sep	0.0000411	0.000166	0.0122	0.00000208	0.604	1.24	0.00803	0.000188	17.9	0.000522	0.0012	0.0000331	0.0000923	0.0000321	0.0388	0.000000276	0.000133	0.000104	0.000221	0.000267
2035 Oct	0.00004	0.000164	0.012	0.00000205	0.59	1.21	0.00781	0.000184	17.4	0.000509	0.00119	0.0000319	0.0000898	0.0000313	0.0379	0.000000272	0.00013	0.000101	0.000216	0.00026
2035 Nov	0.0000402	0.000165	0.0121	0.00000206	0.593	1.22	0.00782	0.000185	17.4	0.000511	0.0012	0.0000319	0.00009	0.0000315	0.038	0.000000274	0.000131	0.000101	0.000217	0.000261
2035 Dec	0.0000402	0.000165	0.0121	0.00000206	0.593	1.22	0.00782	0.000185	17.4	0.000511	0.0012	0.0000319	0.00009	0.0000315	0.038	0.000000274	0.000131	0.000101	0.000217	0.000261
2036 Jan	0.0000402	0.000165	0.0121	0.00000206	0.593	1.22	0.00782	0.000185	17.4	0.000511	0.0012	0.0000319	0.00009	0.0000315	0.038	0.000000274	0.000131	0.000101	0.000217	0.000261
2036 Feb	0.0000402	0.000165	0.0121	0.00000206	0.593	1.22	0.00782	0.000185	17.4	0.000511	0.0012	0.0000319	0.00009	0.0000315	0.038	0.000000274	0.000131	0.000101	0.000217	0.000261
2036 Mar	0.0000402	0.000165	0.0121	0.00000206	0.593	1.22	0.00782	0.000185	17.4	0.000511	0.0012	0.0000319	0.00009	0.0000315	0.038	0.000000274	0.000131	0.000101	0.000217	0.000261
2036 Apr	0.0000402	0.000165	0.0121	0.00000206	0.594	1.22	0.00783	0.000185	17.4	0.000512	0.0012	0.0000319	0.00009	0.0000315	0.0381	0.000000274	0.000131	0.000101	0.000217	0.000261
2036 May	0.0000404	0.000166	0.0122	0.00000207	0.595	1.22	0.00786	0.000185	17.4	0.000513	0.0012	0.0000321	0.0000902	0.0000316	0.0381	0.000000275	0.000131	0.000102	0.000218	0.000261
2036 Jun	0.0000412	0.000169	0.0128	0.00000212	0.598	1.22	0.00799	0.000184	17.2	0.000516	0.00125	0.0000333	0.0000912	0.0000318	0.0383	0.000000286	0.00013	0.000105	0.00023	0.00026
2036 Jul	0.0000398	0.000165	0.0125	0.00000208	0.58	1.19	0.00773	0.000177	16.6	0.000501	0.00123	0.0000322	0.0000888	0.0000308	0.037	0.000000282	0.000126	0.000102	0.000228	0.000251
2036 Aug	0.0000378	0.000157	0.0119	0.00000198	0.551	1.13	0.00733	0.000168	15.7	0.000476	0.00117	0.0000305	0.0000843	0.0000293	0.0352	0.000000268	0.00012	0.0000967	0.000216	0.000239
2036 Sep	0.0000359	0.00015	0.0113	0.00000189	0.524	1.07	0.00696	0.00016	14.9	0.000453	0.00112	0.0000289	0.00008	0.0000279	0.0334	0.000000256	0.000114	0.0000918	0.000206	0.000227
2036 Oct	0.0000352	0.000147	0.0112	0.00000185	0.512	1.05	0.00678	0.000157	14.5	0.000442	0.00111	0.0000281	0.0000778	0.0000271	0.0327	0.000000253	0.000111	0.0000895	0.000202	0.000221
2036 Nov	0.0000352	0.000148	0.0112	0.00000186	0.512	1.05	0.00678	0.000157	14.5	0.000442	0.00111	0.0000281	0.0000778	0.0000271	0.0327	0.000000253	0.000111	0.0000895	0.000203	0.00022
2036 Dec	0.0000352	0.000148	0.0112	0.00000186	0.512	1.05	0.00678	0.000157	14.5	0.000442	0.00111	0.0000281	0.0000778	0.0000271	0.0327	0.000000254	0.000111	0.0000896	0.000203	0.00022
2037 Jan	0.0000352	0.000148	0.0112	0.00000186	0.512	1.05	0.00678	0.000157	14.5	0.000442	0.00111	0.0000281	0.0000778	0.0000271	0.0327	0.000000254	0.000111	0.0000896	0.000203	0.00022
2037 Feb	0.0000352	0.000148	0.0112	0.00000186	0.512	1.05	0.00678	0.000157	14.5	0.000442	0.00111	0.0000281	0.0000778	0.0000271	0.0327	0.000000254	0.000111	0.0000896	0.000203	0.00022
2037 Mar	0.0000352	0.000148	0.0112	0.00000186	0.512	1.05	0.00678	0.000157	14.5	0.000442	0.00111	0.0000281	0.0000778	0.0000271	0.0327	0.000000254	0.000111	0.0000896	0.000203	0.00022
2037 Apr	0.0000352	0.000148	0.0113	0.00000186	0.512	1.05	0.00678	0.000157	14.5	0.000442	0.00111	0.0000281	0.0000778	0.0000272	0.0327	0.000000254	0.000111	0.0000896	0.000203	0.00022
2037 May	0.0000368	0.000151	0.0118	0.00000188	0.516	1.06	0.00705	0.000157	14.5	0.000446	0.00114	0.0000305	0.0000782	0.0000274	0.0331	0.000000258	0.000111	0.0000927	0.000207	0.00022
2037 Jun	0.0000388	0.000153	0.0126	0.00000189	0.515	1.05	0.00737	0.000155	14.2	0.000445	0.00118	0.0000339	0.0000778	0.0000274	0.0332	0.000000263	0.000109	0.0000967	0.000213	0.000215
2037 Jul	0.0000376	0.000149	0.0123	0.00000184	0.499	1.02	0.00713	0.00015	13.8	0.000431	0.00114	0.0000328	0.0000753	0.0000265	0.0321	0.000000256	0.000105	0.0000937	0.000207	0.000208
2037 Aug	0.0000359	0.000142	0.0117	0.00000176	0.477	0.975	0.00682	0.000143	13.2	0.000412	0.0011	0.0000314	0.000072	0.0000254	0.0307	0.000000245	0.0001	0.0000896	0.000198	0.000199
2037 Sep	0.0000344	0.000137	0.0113	0.00000169	0.457	0.934	0.00653	0.000137	12.6	0.000395	0.00105	0.00003	0.0000689	0.0000243	0.0294	0.000000235	0.0000962	0.0000858	0.00019	0.00019
2037 Oct	0.0000337	0.000134	0.0111	0.00000166	0.447	0.913	0.00638	0.000134	12.3	0.000386	0.00104	0.0000293	0.0000673	0.0000238	0.0288	0.000000232	0.000094	0.000084	0.000187	0.000186
2037 Nov	0.0000337	0.000134	0.0111	0.00000166	0.447	0.913	0.00638	0.000134	12.3	0.000386	0.00104	0.0000293	0.0000673	0.0000238	0.0288	0.000000232	0.000094	0.000084	0.000187	0.000186
2037 Dec	0.0000337	0.000134	0.0111	0.00000166	0.447	0.913	0.00638	0.000134	12.3	0.000386	0.00104	0.0000293	0.0000673	0.0000238	0.0288	0.000000232	0.000094	0.000084	0.000187	0.000186
2038 Jan	0.0000337	0.000134	0.0111	0.00000166	0.447	0.913	0.00638	0.000134	12.3	0.000386	0.00104	0.0000293	0.0000673	0.0000238	0.0288	0.000000232	0.000094	0.000084	0.000187	0.000186
2038 Feb	0.0000337	0.000134	0.0111	0.00000166	0.447	0.913	0.00638	0.000134	12.3	0.000386	0.00104	0.0000293	0.0000673	0.0000238	0.0288	0.000000232	0.000094	0.000084	0.000187	0.000186
2038 Mar	0.0000337	0.000134	0.0111	0.00000166	0.447	0.913	0.00638	0.000134	12.3	0.000386	0.00104	0.0000293	0.0000673	0.0000238	0.0288	0.000000232	0.000094	0.000084	0.000187	0.000186
2038 Apr	0.0000337	0.000134	0.0111	0.00000166	0.447	0.914	0.00639	0.000134	12.3	0.000386	0.00104	0.0000294	0.0000674	0.0000238	0.0288	0.000000232	0.000094	0.000084	0.000187	0.000186
2038 May	0.000034	0.000135	0.0112	0.00000166	0.448	0.916	0.00643	0.000135	12.3	0.000387	0.00104	0.0000298	0.0000675	0.0000238	0.0289	0.000000233	0.0000941	0.0000846	0.000188	0.000186
2038 Jun	0.0000348	0.000136	0.0115	0.00000166	0.446	0.912	0.00656	0.000133	12.2	0.000386	0.00105	0.0000312	0.000067	0.0000238	0.0288	0.000000234	0.0000929	0.0000861	0.000189	0.000183
2038 Jul	0.0000341	0.000133	0.0113	0.00000163	0.437	0.892	0.00642	0.00013	11.9	0.000377	0.00103	0.0000306	0.0000656	0.0000233	0.0282	0.00000023	0.0000909	0.0000843	0.000186	0.000179
2038 Aug	0.0000341	0.000133	0.0113	0.00000163	0.436	0.891	0.00641	0.00013	11.9	0.000377	0.00103	0.0000305	0.0000655	0.0000232	0.0282	0.00000023	0.0000907	0.0000842	0.000186	0.000179
2038 Sep	0.0000341	0.000133	0.0113	0.00000163	0.436	0.891	0.00641	0.00013	11.9	0.000377	0.00104	0.0000305	0.0000655	0.0000232	0.0282	0.00000023	0.0000908	0.0000842	0.000186	0.000179
2038 Oct	0.0000341	0.000133	0.0113	0.00000163	0.437	0.892	0.00641	0.00013	11.9	0.000377	0.00104	0.0000305	0.0000655	0.0000232	0.0282	0.000000231	0.0000907	0.0000843	0.000186	0.000179
2038 Nov	0.0000341	0.000133	0.0113	0.00000163	0.437	0.892	0.00641	0.00013	11.9	0.000377	0.00104	0.0000305	0.0000655	0.0000232	0.0282	0.000000231	0.0000907	0.0000843	0.000186	0.000179
2038 Dec	0.0000341	0.000133	0.0113	0.00000163	0.437	0.892	0.00641	0.00013	11.9	0.000377	0.00104	0.0000305	0.0000655	0.0000232	0.0282	0.000000231	0.0000907	0.0000843	0.000186	0.000179

Appendix C.2-16: TIRI04

Constituents	**Total Dissolved Solids**	**Ammonia-N**	**Nitrate-N**	**Nitrite-N**	**Chloride**	**Fluoride**	**Sulphate**	**Total Cyanide**	**Weakly Acid Dissociable Cyanide**	**Silver**	**Aluminum**	**Arsenic**	**Boron**	**Barium**	**Beryllium**	**Calcium**	**Cadmium**	**Cobalt**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	33.1	0.0331	0.0426	0.00145	18.5	0.00408	3.9	0.00000423	0.00000423	4.91E-08	0.00016	0.000123	0.00632	0.000673	0.000000129	0.991	0.00000103	0.0000277
Operation (2024-2031): Mean	2140	2.16	2.78	0.0947	1200	0.27	253	0.00022	0.00022	0.00000292	0.0103	0.00775	0.412	0.0362	0.00000811	58.8	0.0000642	0.00173
Operation (2024-2031): Max	2610	2.62	3.39	0.115	1470	0.324	309	0.000332	0.000332	0.00000329	0.0114	0.00929	0.501	0.0415	0.00000919	69.3	0.0000755	0.00208
Active Closure (2032-2038): Min	173	0.525	0.791	0.0139	66.6	0.0499	25.2	0.000286	0.000286	0.00000314	0.00631	0.00188	0.051	0.0149	0.0000056	15.8	0.0000208	0.000385
Active Closure (2032-2038): Mean	311	0.721	1.08	0.0209	144	0.067	42.2	0.000945	0.000887	0.00000492	0.00687	0.00251	0.0792	0.0202	0.00000593	21	0.0000249	0.000515
Active Closure (2032-2038): Max	2040	2.92	5.21	0.0902	1140	0.26	242	0.00193	0.000934	0.00000663	0.0106	0.0093	0.392	0.0358	0.0000103	57.4	0.0000624	0.00182
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Post Closure (2039-2119): Min	142	0.236	0.306	0.00579	39.8	0.0516	27.3	0.000896	0.000889	0.00000467	0.00699	0.00214	0.054	0.0221	0.00000545	20.4	0.0000234	0.000437
Post Closure (2039-2119): Mean	167	0.396	0.564	0.0101	53.4	0.0578	31.7	0.000931	0.000918	0.00000491	0.00739	0.00234	0.0648	0.0245	0.00000582	22.1	0.0000254	0.000518
Post Closure (2039-2119): Max	185	0.557	0.822	0.0144	67.1	0.0613	34.3	0.000955	0.000936	0.00000505	0.00755	0.00246	0.0707	0.0257	0.00000603	22.9	0.0000266	0.000548
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun																		
2026 Jul																		
2026 Aug																		
2026 Sep																		
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun																		
2027 Jul																		
2027 Aug																		
2027 Sep																		
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		
2028 Apr																		
2028 May																		
2028 Jun																		
2028 Jul																		
2028 Aug																		
2028 Sep																		
2028 Oct																		
2028 Nov																		
2028 Dec																		
2029 Jan																		

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2029 Feb																		
2029 Mar																		
2029 Apr																		
2029 May	33.1	0.0331	0.0426	0.00145	18.5	0.00408	3.9	0.00000423	0.00000423	4.91E-08	0.00016	0.000123	0.00632	0.000673	0.000000129	0.991	0.00000103	0.0000277
2029 Jun	1390	1.39	1.79	0.0611	777	0.174	164	0.000328	0.000328	0.00000281	0.0079	0.00522	0.267	0.0282	0.00000615	41.7	0.0000465	0.00118
2029 Jul	2180	2.18	2.82	0.0963	1220	0.275	257	0.000267	0.000267	0.00000319	0.0101	0.00791	0.419	0.0365	0.00000847	59.1	0.0000638	0.00174
2029 Aug	2440	2.45	3.17	0.108	1370	0.305	289	0.00018	0.00018	0.00000298	0.0108	0.00876	0.47	0.0396	0.00000891	65.5	0.0000706	0.00195
2029 Sep	2480	2.5	3.22	0.11	1400	0.31	294	0.00017	0.00017	0.00000296	0.0113	0.00888	0.477	0.0403	0.00000898	66.8	0.0000728	0.00199
2029 Oct	2300	2.32	2.98	0.102	1290	0.289	272	0.000203	0.000203	0.00000297	0.011	0.00828	0.442	0.0382	0.00000855	62.6	0.0000685	0.00185
2029 Nov	2220	2.24	2.88	0.0982	1250	0.28	263	0.000216	0.000216	0.00000297	0.0108	0.00802	0.427	0.0373	0.00000835	60.8	0.0000665	0.00179
2029 Dec	2220	2.24	2.88	0.0982	1250	0.28	263	0.000216	0.000216	0.00000297	0.0108	0.00802	0.428	0.0373	0.00000836	60.8	0.0000665	0.00179
2030 Jan	2220	2.24	2.88	0.0982	1250	0.28	263	0.000216	0.000216	0.00000297	0.0108	0.00802	0.428	0.0373	0.00000836	60.8	0.0000665	0.00179
2030 Feb	2220	2.24	2.88	0.0983	1250	0.28	263	0.000216	0.000216	0.00000297	0.0108	0.00802	0.428	0.0373	0.00000836	60.8	0.0000665	0.00179
2030 Mar	2220	2.24	2.88	0.0983	1250	0.28	263	0.000216	0.000216	0.00000297	0.0108	0.00802	0.428	0.0373	0.00000836	60.9	0.0000665	0.00179
2030 Apr	2230	2.25	2.88	0.0984	1250	0.281	263	0.000216	0.000216	0.00000297	0.0108	0.00803	0.428	0.0373	0.00000837	60.9	0.0000666	0.00179
2030 May	2240	2.26	2.91	0.0992	1260	0.283	266	0.000218	0.000218	0.000003	0.0109	0.0081	0.432	0.0376	0.00000844	61.4	0.0000671	0.00181
2030 Jun	1920	1.92	2.48	0.0848	1080	0.241	227	0.000324	0.000324	0.00000325	0.0102	0.007	0.37	0.0328	0.00000789	52.9	0.0000615	0.00157
2030 Jul	2240	2.24	2.9	0.099	1260	0.281	264	0.000247	0.000247	0.00000314	0.0104	0.00809	0.43	0.037	0.00000856	60.4	0.0000664	0.00179
2030 Aug	2480	2.48	3.22	0.11	1390	0.309	293	0.00016	0.00016	0.00000291	0.0108	0.00886	0.476	0.0398	0.00000893	66.1	0.0000715	0.00198
2030 Sep	2610	2.62	3.39	0.115	1470	0.324	309	0.000126	0.000126	0.00000285	0.0114	0.00929	0.501	0.0415	0.00000919	69.3	0.0000755	0.00208
2030 Oct	2300	2.32	2.98	0.102	1290	0.289	272	0.000197	0.000197	0.00000294	0.0109	0.00828	0.443	0.0381	0.00000852	62.6	0.0000685	0.00185
2030 Nov	2220	2.25	2.88	0.0983	1250	0.28	263	0.000214	0.000214	0.00000296	0.0108	0.00803	0.428	0.0373	0.00000835	60.9	0.0000665	0.00179
2030 Dec	2230	2.25	2.88	0.0984	1250	0.281	263	0.000214	0.000214	0.00000296	0.0108	0.00803	0.428	0.0373	0.00000835	60.9	0.0000666	0.00179
2031 Jan	2230	2.25	2.88	0.0984	1250	0.281	263	0.000214	0.000214	0.00000296	0.0108	0.00803	0.428	0.0373	0.00000836	60.9	0.0000666	0.00179
2031 Feb	2230	2.25	2.88	0.0984	1250	0.281	263	0.000214	0.000214	0.00000296	0.0108	0.00803	0.428	0.0373	0.00000836	60.9	0.0000666	0.00179
2031 Mar	2230	2.25	2.88	0.0984	1250	0.281	263	0.000214	0.000214	0.00000296	0.0108	0.00803	0.428	0.0373	0.00000836	60.9	0.0000666	0.00179
2031 Apr	2230	2.25	2.89	0.0987	1260	0.281	264	0.000214	0.000214	0.00000297	0.0108	0.00805	0.429	0.0374	0.00000838	61.1	0.0000668	0.0018
2031 May	2170	2.19	2.81	0.096	1220	0.274	257	0.000244	0.000244	0.00000307	0.0107	0.00791	0.418	0.0384	0.00000833	61	0.0000658	0.00177
2031 Jun	1940	1.94	2.49	0.0851	1080	0.242	228	0.000332	0.000332	0.00000329	0.0101	0.00722	0.371	0.039	0.00000795	57.8	0.0000616	0.00163
2031 Jul	2290	2.3	2.97	0.101	1290	0.286	271	0.000247	0.000247	0.00000318	0.0108	0.00833	0.44	0.04	0.00000874	63.6	0.0000692	0.00186
2031 Aug	2520	2.53	3.28	0.112	1420	0.314	299	0.000145	0.000145	0.00000288	0.011	0.00902	0.486	0.0404	0.00000901	67.4	0.0000729	0.00202
2031 Sep	2260	2.28	2.93	0.0999	1270	0.284	267	0.000211	0.000211	0.00000298	0.0108	0.00814	0.435	0.0377	0.00000845	61.6	0.0000671	0.00182
2031 Oct	2030	2.05	2.62	0.0895	1140	0.259	240	0.000282	0.000282	0.00000313	0.0105	0.0074	0.39	0.0354	0.00000804	56.7	0.0000618	0.00165
2031 Nov	2020	2.05	2.61	0.0892	1140	0.258	239	0.000285	0.000285	0.00000314	0.0105	0.00738	0.389	0.0354	0.00000803	56.6	0.0000617	0.00164
2031 Dec	2020	2.05	2.61	0.0893	1140	0.258	239	0.000286	0.000286	0.00000314	0.0105	0.00738	0.389	0.0354	0.00000803	56.6	0.0000617	0.00164
2032 Jan	2020	2.05	2.61	0.0893	1140	0.258	239	0.000286	0.000286	0.00000314	0.0105	0.00738	0.389	0.0354	0.00000803	56.6	0.0000617	0.00164
2032 Feb	2020	2.05	2.61	0.0893	1140	0.258	239	0.000286	0.000286	0.00000314	0.0105	0.00738	0.389	0.0354	0.00000803	56.6	0.0000617	0.00164
2032 Mar	2020	2.05	2.61	0.0893	1140	0.258	239	0.000286	0.000286	0.00000314	0.0105	0.00738	0.389	0.0354	0.00000803	56.6	0.0000617	0.00164
2032 Apr	2020	2.05	2.62	0.0894	1140	0.259	240	0.000286	0.000286	0.00000315	0.0106	0.00739	0.39	0.0354	0.00000804	56.7	0.0000618	0.00165
2032 May	2040	2.09	2.69	0.0902	1140	0.26	242	0.000312	0.000291	0.00000321	0.0106	0.00755	0.392	0.0358	0.00000817	57.4	0.0000624	0.00168
2032 Jun	865	2.92	5.21	0.0714	389	0.125	115	0.00193	0.000888	0.00000663	0.0098	0.0093	0.179	0.0282	0.0000103	43	0.0000457	0.00182
2032 Jul	389	1.22	2.06	0.0314	173	0.0711	52.2	0.0012	0.000896	0.00000532	0.00744	0.00385	0.0909	0.0181	0.00000683	22.3	0.0000295	0.000779
2032 Aug	271	0.834	1.39	0.0219	118	0.0572	36.4	0.00109	0.000913	0.00000512	0.00672	0.00272	0.0663	0.0156	0.00000614	17.7	0.0000244	0.000551
2032 Sep	228	0.707	1.16	0.0187	96.9	0.0531	30.8	0.00105	0.000922	0.00000507	0.00647	0.00232	0.0582	0.0149	0.00000591	16.1	0.0000223	0.000462
2032 Oct	217	0.688	1.11	0.0181	91.4	0.0529	29.6	0.00103	0.000925	0.00000506	0.00646	0.00222	0.0573	0.0149	0.00000586	15.8	0.000022	0.000439
2032 Nov	217	0.689	1.11	0.0182	91.6	0.053	29.7	0.00103	0.000925	0.00000506	0.00647	0.00222	0.0574	0.0149	0.00000586	15.8	0.000022	0.000439
2032 Dec	218	0.689	1.11	0.0182	91.9	0.0531	29.7	0.00103	0.000925	0.00000506	0.00647	0.00222	0.0575	0.0149	0.00000586	15.9	0.000022	0.000439
2033 Jan	218	0.689	1.11	0.0182	91.9	0.0531	29.7	0.00103	0.000925	0.00000506	0.00647	0.00222	0.0575	0.0149	0.00000586	15.9	0.000022	0.000439
2033 Feb	218	0.689	1.11	0.0182	91.9	0.0531	29.7	0.00103	0.000925	0.00000506	0.00647	0.00222	0.0575	0.0149	0.00000586	15.9	0.000022	0.000439
2033 Mar	218	0.689	1.11	0.0182	91.9	0.0531	29.7	0.00103	0.000925	0.00000506	0.00647	0.00222	0.0575	0.0149	0.00000586	15.9	0.000022	0.000439
2033 Apr	218	0.689	1.11	0.0182	91.9	0.0531	29.7	0.00103	0.000925	0.00000506	0.00647	0.00222	0.0575	0.0149	0.00000586	15.9	0.000022	0.000439
2033 May	219	0.69	1.11	0.0182	92.5	0.0532	29.9	0.00103	0.000925	0.00000506	0.00648	0.00223	0.0578	0.0149	0.00000587	15.9	0.0000221	0.000441
2033 Jun	224	0.693	1.11	0.0184	94.8	0.0541	30.9	0.00101	0.000912	0.000005	0.00647	0.00224	0.0598	0.0157	0.00000582	16.5	0.0000223	0.000447
2033 Jul	215	0.667	1.05	0.0177	89.7	0.0531	29.8	0.00099	0.00091	0.00000496	0.00641	0.00218	0.0584	0.0169	0.00000574	17.1	0.0000222	0.000441
2033 Aug	202	0.623	0.976	0.0165	82.9	0.0513	28	0.000986	0.000918	0.00000497	0.00633	0.00209	0.0552	0.0177	0.00000569	17.5	0.0000217	0.000425
2033 Sep	196	0.606	0.941	0.016	79.9	0.0511	27.5	0.000983	0.000924	0.00000499	0.00632	0.00205	0.0544	0.0184	0.00000569	17.8	0.0000214	0.000416
2033 Oct	201	0.631	0.974	0.0166	81.8	0.053	28.6	0.000973	0.00092	0.00000498	0.00638	0.00209	0.0572	0.0187	0.00000571	18.1	0.0000217	0.000422
2033 Nov	202	0.633	0.977	0.0167	82	0.0531	28.7	0.000973	0.00092	0.00000498	0.00639	0.0021	0.0574	0.0187	0.00000571	18.1	0.0000218	0.000423
2033 Dec	202	0.633	0.977	0.0167	82	0.0531	28.7	0.000973	0.00092	0.00000498	0.00639	0.0021	0.0574	0.0187	0.00000571	18.1	0.0000218	0.000423
2034 Jan	202	0.633	0.977	0.0167	82	0.0531	28.7	0.000973	0.00092	0.00000498	0.00639	0.0021	0.0574	0.0187	0.00000571	18.1	0.0000218	0.000423
2034 Feb	202	0.633	0.977	0.0167	82	0.0531	28.7	0.000973	0.00092	0.00000498	0.00639	0.0021	0.0574	0.0187	0.00000571	18.1	0.0000218	0.000423
2034 Mar	202	0.633	0.977	0.0167	82	0.0531	28.7	0.000973	0.00092	0.00000498	0.00639	0.0021	0.0574	0.0187	0.00000571	18.1	0.0000218	0.000423
2034 Apr	202	0.633	0.977	0.0167	82	0.0531	28.7	0.000973	0.00092	0.00000498	0.00639	0.0021	0.0574	0.0187	0.00000571	18.1	0.0000218	0.000423
2034 May	202	0.633	0.977	0.0167	82.1	0.0532	28.7	0.000973	0.00092	0.00000499	0.0064	0.0021	0.0575	0.0188	0.00000571	18.2	0.0000218	0.000423
2034 Jun	204	0.641	0.985	0.0169	82.9	0.0538	29.2	0.00097	0.000919	0.00000499	0.00644	0.00212	0.0586	0.0192	0.00000572	18.5	0.000022	0.000429
2034 Jul	199	0.62	0.948	0.0163	80	0.0532	28.5	0.000967	0.000921	0.00000498	0.00644	0.00209	0.0572	0.0195	0.0000057	18.6	0.0000219	0.000424
2034 Aug	191	0.595	0.905	0.0156	76.3	0.0524	27.5	0.00097	0.000928	0.000005	0.00643	0.00204	0.0553	0.0196	0.00000568	18.6	0.0000216	0.000415
2034 Sep	187	0.58	0.88	0.0152	74.5	0.052	27	0.00097	0.000931	0.00000501	0.00637	0.002	0.0543	0.0195	0.00000567	18.4	0.0000212	0.000405

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Oct	186	0.574	0.869	0.0151	73.9	0.052	26.8	0.000969	0.000931	0.000005	0.00634	0.00198	0.054	0.0193	0.00000566	18.3	0.000021	0.0004
2034 Nov	186	0.574	0.869	0.0151	73.9	0.052	26.8	0.000969	0.000931	0.000005	0.00634	0.00198	0.054	0.0193	0.00000566	18.3	0.000021	0.0004
2034 Dec	186	0.574	0.869	0.0151	73.9	0.052	26.8	0.000969	0.000931	0.000005	0.00634	0.00198	0.054	0.0193	0.00000566	18.3	0.000021	0.0004
2035 Jan	186	0.574	0.869	0.0151	73.9	0.052	26.8	0.000969	0.000931	0.000005	0.00634	0.00198	0.054	0.0193	0.00000566	18.3	0.000021	0.0004
2035 Feb	186	0.574	0.869	0.0151	73.9	0.052	26.8	0.000969	0.000931	0.000005	0.00634	0.00198	0.054	0.0193	0.00000566	18.3	0.000021	0.0004
2035 Mar	186	0.574	0.869	0.0151	73.9	0.052	26.8	0.000969	0.000931	0.000005	0.00634	0.00198	0.054	0.0193	0.00000566	18.3	0.000021	0.0004
2035 Apr	186	0.574	0.869	0.0151	73.9	0.052	26.8	0.000969	0.000931	0.000005	0.00634	0.00198	0.054	0.0193	0.00000566	18.3	0.000021	0.0004
2035 May	186	0.574	0.869	0.0151	73.9	0.052	26.9	0.00097	0.000931	0.00000501	0.00634	0.00198	0.0541	0.0193	0.00000567	18.3	0.000021	0.0004
2035 Jun	186	0.571	0.863	0.015	73.7	0.052	26.9	0.000966	0.000929	0.00000499	0.00636	0.00198	0.0543	0.0194	0.00000566	18.4	0.0000211	0.000401
2035 Jul	179	0.547	0.826	0.0144	70.7	0.0508	26	0.000964	0.00093	0.00000499	0.00633	0.00193	0.0525	0.0192	0.00000562	18.1	0.000021	0.000394
2035 Aug	173	0.525	0.791	0.0139	67.8	0.0499	25.2	0.000966	0.000934	0.00000499	0.00631	0.00188	0.051	0.019	0.0000056	17.9	0.0000208	0.000385
2035 Sep	176	0.543	0.816	0.0143	68.7	0.0515	26.1	0.000962	0.000932	0.000005	0.00638	0.00193	0.0534	0.0191	0.00000564	18	0.000021	0.000391
2035 Oct	180	0.56	0.84	0.0147	70	0.0528	26.9	0.000959	0.00093	0.000005	0.00645	0.00197	0.0553	0.0192	0.00000566	18.2	0.0000213	0.000398
2035 Nov	180	0.559	0.84	0.0147	70	0.0528	26.9	0.000959	0.000929	0.000005	0.00645	0.00197	0.0553	0.0192	0.00000566	18.2	0.0000213	0.000398
2035 Dec	180	0.559	0.84	0.0147	70	0.0528	26.9	0.000959	0.000929	0.000005	0.00645	0.00197	0.0553	0.0192	0.00000566	18.2	0.0000213	0.000398
2036 Jan	180	0.559	0.84	0.0147	70	0.0528	26.9	0.000959	0.000929	0.000005	0.00645	0.00197	0.0553	0.0192	0.00000566	18.2	0.0000213	0.000398
2036 Feb	180	0.559	0.84	0.0147	70	0.0528	26.9	0.000959	0.000929	0.000005	0.00645	0.00197	0.0553	0.0192	0.00000566	18.2	0.0000213	0.000398
2036 Mar	180	0.559	0.84	0.0147	70	0.0528	26.9	0.000959	0.000929	0.000005	0.00645	0.00197	0.0553	0.0192	0.00000566	18.2	0.0000213	0.000398
2036 Apr	180	0.56	0.84	0.0147	70	0.0528	26.9	0.000959	0.000929	0.000005	0.00645	0.00197	0.0553	0.0192	0.00000566	18.2	0.0000213	0.000398
2036 May	180	0.56	0.84	0.0147	70	0.0529	26.9	0.000959	0.00093	0.000005	0.00646	0.00197	0.0554	0.0192	0.00000566	18.2	0.0000213	0.000398
2036 Jun	181	0.567	0.851	0.0148	70.4	0.0534	27.4	0.000955	0.000927	0.00000499	0.00651	0.00199	0.0564	0.0193	0.00000567	18.3	0.0000216	0.000402
2036 Jul	179	0.562	0.842	0.0147	69.3	0.0533	27.2	0.000954	0.000927	0.00000499	0.00658	0.00199	0.0564	0.0193	0.00000566	18.2	0.0000219	0.000402
2036 Aug	179	0.561	0.84	0.0147	68.9	0.0535	27.3	0.000956	0.00093	0.00000501	0.00665	0.002	0.0568	0.0193	0.00000568	18.2	0.0000221	0.000404
2036 Sep	182	0.573	0.857	0.015	69.8	0.0545	28	0.000956	0.000929	0.00000502	0.0067	0.00203	0.0584	0.0194	0.00000571	18.3	0.0000224	0.000409
2036 Oct	185	0.587	0.878	0.0153	70.8	0.0557	28.8	0.000952	0.000927	0.00000501	0.00676	0.00207	0.0603	0.0195	0.00000573	18.5	0.0000226	0.000416
2036 Nov	185	0.587	0.877	0.0153	70.8	0.0557	28.8	0.000952	0.000926	0.00000501	0.00676	0.00207	0.0603	0.0195	0.00000573	18.5	0.0000226	0.000416
2036 Dec	185	0.587	0.877	0.0153	70.8	0.0557	28.8	0.000952	0.000926	0.00000501	0.00676	0.00207	0.0603	0.0195	0.00000573	18.5	0.0000226	0.000416
2037 Jan	185	0.587	0.877	0.0153	70.8	0.0557	28.8	0.000952	0.000926	0.00000501	0.00676	0.00207	0.0603	0.0195	0.00000573	18.5	0.0000226	0.000416
2037 Feb	185	0.587	0.877	0.0153	70.8	0.0557	28.8	0.000952	0.000926	0.00000501	0.00676	0.00207	0.0603	0.0195	0.00000573	18.5	0.0000226	0.000416
2037 Mar	185	0.587	0.877	0.0153	70.8	0.0557	28.8	0.000952	0.000926	0.00000501	0.00676	0.00207	0.0603	0.0195	0.00000573	18.5	0.0000226	0.000416
2037 Apr	185	0.587	0.877	0.0153	70.8	0.0557	28.8	0.000952	0.000926	0.00000501	0.00677	0.00207	0.0603	0.0195	0.00000573	18.5	0.0000226	0.000416
2037 May	185	0.586	0.877	0.0153	70.8	0.0557	28.8	0.000952	0.000927	0.00000501	0.00677	0.00207	0.0603	0.0196	0.00000573	18.5	0.0000226	0.000416
2037 Jun	184	0.58	0.867	0.0151	70.1	0.0553	28.6	0.000949	0.000924	0.000005	0.00676	0.00207	0.0599	0.0199	0.00000571	18.7	0.0000227	0.000417
2037 Jul	182	0.571	0.851	0.0148	69	0.0548	28.4	0.000948	0.000924	0.00000499	0.0068	0.00209	0.0594	0.0205	0.0000057	19.2	0.0000228	0.000421
2037 Aug	182	0.569	0.845	0.0148	68.6	0.0549	28.5	0.00095	0.000927	0.00000501	0.00685	0.00211	0.0596	0.021	0.00000571	19.6	0.000023	0.000427
2037 Sep	183	0.572	0.85	0.0148	68.8	0.0553	28.7	0.000951	0.000928	0.00000501	0.00687	0.00212	0.0601	0.0211	0.00000573	19.7	0.0000231	0.00043
2037 Oct	183	0.573	0.851	0.0148	68.8	0.0556	28.9	0.00095	0.000927	0.00000502	0.0069	0.00213	0.0605	0.0212	0.00000573	19.7	0.0000232	0.000431
2037 Nov	183	0.573	0.85	0.0148	68.8	0.0557	28.9	0.00095	0.000927	0.00000502	0.0069	0.00213	0.0605	0.0212	0.00000573	19.7	0.0000232	0.000431
2037 Dec	183	0.573	0.85	0.0148	68.8	0.0557	28.9	0.00095	0.000927	0.00000502	0.0069	0.00213	0.0605	0.0212	0.00000573	19.7	0.0000232	0.000431
2038 Jan	183	0.573	0.85	0.0148	68.8	0.0557	28.9	0.00095	0.000927	0.00000502	0.0069	0.00213	0.0605	0.0212	0.00000573	19.7	0.0000232	0.000431
2038 Feb	183	0.573	0.85	0.0148	68.8	0.0557	28.9	0.00095	0.000927	0.00000502	0.0069	0.00213	0.0605	0.0212	0.00000573	19.7	0.0000232	0.000431
2038 Mar	183	0.573	0.85	0.0148	68.8	0.0557	28.9	0.00095	0.000927	0.00000502	0.0069	0.00213	0.0605	0.0212	0.00000573	19.7	0.0000232	0.000431
2038 Apr	183	0.573	0.851	0.0148	68.8	0.0557	28.9	0.00095	0.000927	0.00000502	0.0069	0.00213	0.0605	0.0212	0.00000573	19.7	0.0000232	0.000431
2038 May	183	0.573	0.851	0.0148	68.8	0.0557	28.9	0.00095	0.000928	0.00000502	0.00691	0.00213	0.0605	0.0212	0.00000574	19.7	0.0000232	0.000431
2038 Jun	182	0.565	0.837	0.0146	68	0.0551	28.6	0.000948	0.000926	0.000005	0.0069	0.00213	0.0599	0.0214	0.00000571	19.9	0.0000232	0.000431
2038 Jul	179	0.553	0.816	0.0143	66.7	0.0544	28.1	0.000951	0.000929	0.00000501	0.00693	0.00213	0.0588	0.0219	0.00000571	20.2	0.0000232	0.000432
2038 Aug	180	0.552	0.815	0.0143	66.6	0.0546	28.2	0.000953	0.000932	0.00000503	0.00696	0.00214	0.059	0.0221	0.00000572	20.4	0.0000234	0.000435
2038 Sep	180	0.554	0.817	0.0143	66.7	0.0549	28.4	0.000954	0.000933	0.00000503	0.00698	0.00214	0.0594	0.0222	0.00000573	20.4	0.0000234	0.000436
2038 Oct	180	0.555	0.818	0.0143	66.7	0.0552	28.5	0.000953	0.000933	0.00000503	0.00699	0.00215	0.0597	0.0222	0.00000574	20.4	0.0000234	0.000437
2038 Nov	180	0.555	0.818	0.0143	66.7	0.0552	28.5	0.000953	0.000933	0.00000503	0.00699	0.00215	0.0597	0.0222	0.00000574	20.4	0.0000234	0.000437
2038 Dec	180	0.555	0.818	0.0143	66.7	0.0552	28.5	0.000953	0.000933	0.00000503	0.00699	0.00215	0.0597	0.0222	0.00000574	20.4	0.0000234	0.000437
2039 Jan	180	0.555	0.818	0.0143	66.7	0.0552	28.5	0.000953	0.000933	0.00000503	0.00699	0.00215	0.0597	0.0222	0.00000574	20.4	0.0000234	0.000437
2039 Feb	180	0.555	0.818	0.0143	66.7	0.0552	28.5	0.000953	0.000933	0.00000503	0.00699	0.00215	0.0597	0.0222	0.00000574	20.4	0.0000234	0.000437
2039 Mar	180	0.555	0.818	0.0143	66.7	0.0552	28.5	0.000954	0.000933	0.00000503	0.00699	0.00215	0.0597	0.0222	0.00000574	20.4	0.0000234	0.000437
2039 Apr	180	0.555	0.818	0.0143	66.7	0.0552	28.5	0.000954	0.000933	0.00000504	0.00699	0.00215	0.0597	0.0222	0.00000574	20.5	0.0000234	0.000437
2039 May	180	0.555	0.819	0.0143	66.8	0.0552	28.5	0.000954	0.000933	0.00000504	0.007	0.00215	0.0597	0.0222	0.00000574	20.5	0.0000234	0.000437
2039 Jun	180	0.555	0.818	0.0143	66.7	0.0552	28.6	0.000953	0.000932	0.00000503	0.007	0.00215	0.0599	0.0222	0.00000574	20.4	0.0000235	0.000438
2039 Jul	180	0.554	0.818	0.0143	66.7	0.0553	28.7	0.000951	0.00093	0.00000502	0.007	0.00216	0.0601	0.0221	0.00000574	20.4	0.0000235	0.00044
2039 Aug	181	0.555	0.819	0.0143	66.7	0.0554	28.8	0.000951	0.000931	0.00000502	0.00701	0.00216	0.0603	0.0222	0.00000574	20.4	0.0000235	0.000441
2039 Sep	181	0.555	0.819	0.0143	66.8	0.0555	28.8	0.000952	0.000931	0.00000503	0.00701	0.00216	0.0603	0.0222	0.00000575	20.4	0.0000236	0.000441
2039 Oct	181	0.556	0.82	0.0143	66.8	0.0555	28.8	0.000952	0.000931	0.00000503	0.00701	0.00217	0.0604	0.0222	0.00000575	20.5	0.0000236	0.000442
2039 Nov	181	0.556	0.82	0.0143	66.8	0.0555	28.8	0.000952	0.000931	0.00000503	0.00701	0.00217	0.0604	0.0222	0.00000575	20.5	0.0000236	0.000442
2039 Dec	181	0.556	0.82	0.0143	66.8	0.0555	28.8	0.000952	0.000931	0.00000503	0.00701	0.00217	0.0604	0.0222	0.00000575	20.5	0.0000236	0.000442
2040 Jan	181	0.556	0.82	0.0143	66.8	0.0555	28.8	0.000952	0.000931	0.00000503	0.00701	0.00217	0.0604	0.0222	0.00000575	20.5	0.0000236	0.000442
2040 Feb	181	0.556	0.82	0.0143	66.8	0.0555	28.8	0.000952	0.000931	0.00000503	0.00701	0.00217	0.0604	0.0222	0.00000575	20.5	0.0000236	0.000442
2040 Mar	181	0.556	0.82	0.0143	66.8	0.0555	28.8	0.000952	0.000931	0.00000503	0.00701	0.00217	0.0604	0.0222	0.00000575	20.5	0.0000236	0.000442
2040 Apr	181	0.556	0.82	0.0143	66.8	0.0555	28.8	0.000952	0.000931	0.00000503	0.00701	0.00217	0.0604	0.0222	0.00000575	20.5	0.0000236	0.000442
2040 May	181	0.556	0.82	0.0143	66.9	0.0556	28.9	0.000952	0.000932	0.00000503	0.00702	0.00217	0.0605	0.0222	0.00000575	20.5	0.0000236	0.000442

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2040 Jun	181	0.556	0.82	0.0143	66.8	0.0557	29	0.00095	0.00093	0.00000502	0.00702	0.00218	0.0608	0.0223	0.00000575	20.5	0.0000237	0.000445
2040 Jul	182	0.556	0.82	0.0143	66.9	0.0558	29.1	0.000951	0.000931	0.00000503	0.00703	0.00218	0.0608	0.0223	0.00000576	20.5	0.0000237	0.000446
2040 Aug	182	0.557	0.821	0.0144	66.9	0.0558	29.1	0.000952	0.000932	0.00000503	0.00704	0.00218	0.0609	0.0223	0.00000577	20.6	0.0000237	0.000447
2040 Sep	182	0.557	0.821	0.0144	67	0.0559	29.2	0.000952	0.000932	0.00000503	0.00704	0.00218	0.061	0.0223	0.00000577	20.6	0.0000237	0.000447
2040 Oct	182	0.557	0.822	0.0144	67	0.0559	29.2	0.000953	0.000932	0.00000503	0.00705	0.00219	0.0611	0.0223	0.00000577	20.6	0.0000238	0.000448
2040 Nov	182	0.557	0.822	0.0144	67	0.0559	29.2	0.000953	0.000932	0.00000503	0.00705	0.00219	0.0611	0.0223	0.00000577	20.6	0.0000238	0.000448
2040 Dec	182	0.557	0.822	0.0144	67	0.0559	29.2	0.000953	0.000932	0.00000503	0.00705	0.00219	0.0611	0.0223	0.00000577	20.6	0.0000238	0.000448
2041 Jan	182	0.557	0.822	0.0144	67	0.0559	29.2	0.000953	0.000932	0.00000503	0.00705	0.00219	0.0611	0.0223	0.00000577	20.6	0.0000238	0.000448
2041 Feb	182	0.557	0.822	0.0144	67	0.0559	29.2	0.000953	0.000932	0.00000503	0.00705	0.00219	0.0611	0.0223	0.00000577	20.6	0.0000238	0.000448
2041 Mar	182	0.557	0.822	0.0144	67	0.0559	29.2	0.000953	0.000932	0.00000503	0.00705	0.00219	0.0611	0.0224	0.00000577	20.6	0.0000238	0.000448
2041 Apr	182	0.557	0.822	0.0144	67	0.0559	29.2	0.000953	0.000933	0.00000503	0.00705	0.00219	0.0611	0.0224	0.00000577	20.6	0.0000238	0.000448
2041 May	182	0.557	0.822	0.0144	67.1	0.056	29.2	0.000953	0.000933	0.00000504	0.00705	0.00219	0.0611	0.0224	0.00000577	20.6	0.0000238	0.000448
2041 Jun	182	0.557	0.822	0.0144	67	0.0561	29.4	0.000952	0.000932	0.00000503	0.00706	0.00219	0.0615	0.0224	0.00000578	20.6	0.0000239	0.000451
2041 Jul	182	0.556	0.82	0.0143	66.8	0.0561	29.4	0.00095	0.00093	0.00000502	0.00706	0.0022	0.0616	0.0223	0.00000577	20.6	0.0000239	0.000452
2041 Aug	182	0.556	0.821	0.0144	66.9	0.0562	29.5	0.000951	0.000931	0.00000503	0.00707	0.0022	0.0617	0.0224	0.00000578	20.6	0.0000239	0.000453
2041 Sep	183	0.557	0.821	0.0144	67	0.0563	29.5	0.000952	0.000932	0.00000503	0.00707	0.0022	0.0618	0.0224	0.00000579	20.6	0.0000239	0.000453
2041 Oct	183	0.557	0.821	0.0144	67	0.0563	29.5	0.000952	0.000932	0.00000503	0.00708	0.0022	0.0618	0.0224	0.00000579	20.6	0.0000239	0.000454
2041 Nov	183	0.557	0.821	0.0144	67	0.0563	29.6	0.000952	0.000932	0.00000503	0.00708	0.0022	0.0618	0.0224	0.00000579	20.6	0.000024	0.000454
2041 Dec	183	0.557	0.821	0.0144	67	0.0563	29.6	0.000952	0.000932	0.00000503	0.00708	0.0022	0.0618	0.0224	0.00000579	20.6	0.000024	0.000454
2042 Jan	183	0.557	0.821	0.0144	67	0.0563	29.6	0.000952	0.000932	0.00000503	0.00708	0.0022	0.0618	0.0224	0.00000579	20.6	0.000024	0.000454
2042 Feb	183	0.557	0.821	0.0144	67	0.0563	29.6	0.000952	0.000932	0.00000503	0.00708	0.0022	0.0618	0.0224	0.00000579	20.6	0.000024	0.000454
2042 Mar	183	0.557	0.821	0.0144	67	0.0563	29.6	0.000952	0.000932	0.00000503	0.00708	0.0022	0.0618	0.0224	0.00000579	20.6	0.000024	0.000454
2042 Apr	183	0.557	0.821	0.0144	67	0.0563	29.6	0.000952	0.000932	0.00000503	0.00708	0.0022	0.0618	0.0224	0.00000579	20.6	0.000024	0.000454
2042 May	183	0.557	0.822	0.0144	67	0.0564	29.6	0.000953	0.000933	0.00000504	0.00708	0.0022	0.0619	0.0224	0.00000579	20.6	0.000024	0.000454
2042 Jun	183	0.556	0.821	0.0144	66.9	0.0564	29.6	0.000952	0.000932	0.00000503	0.00709	0.00221	0.062	0.0224	0.00000579	20.6	0.000024	0.000455
2042 Jul	183	0.555	0.819	0.0143	66.9	0.0565	29.7	0.000951	0.000932	0.00000503	0.00709	0.00221	0.0621	0.0224	0.0000058	20.6	0.000024	0.000456
2042 Aug	183	0.555	0.818	0.0143	66.8	0.0565	29.7	0.000951	0.000931	0.00000503	0.00709	0.00221	0.0622	0.0224	0.00000579	20.6	0.0000241	0.000457
2042 Sep	183	0.555	0.818	0.0143	66.8	0.0566	29.8	0.00095	0.000931	0.00000502	0.00709	0.00221	0.0623	0.0224	0.0000058	20.6	0.0000241	0.000458
2042 Oct	183	0.554	0.818	0.0143	66.8	0.0566	29.8	0.00095	0.00093	0.00000502	0.00709	0.00221	0.0624	0.0224	0.0000058	20.6	0.0000241	0.000458
2042 Nov	183	0.554	0.818	0.0143	66.8	0.0566	29.8	0.00095	0.00093	0.00000502	0.00709	0.00221	0.0624	0.0224	0.0000058	20.6	0.0000241	0.000458
2042 Dec	183	0.554	0.818	0.0143	66.8	0.0566	29.8	0.00095	0.00093	0.00000502	0.00709	0.00221	0.0624	0.0224	0.0000058	20.6	0.0000241	0.000458
2043 Jan	183	0.554	0.818	0.0143	66.8	0.0566	29.8	0.00095	0.00093	0.00000502	0.00709	0.00221	0.0624	0.0224	0.0000058	20.6	0.0000241	0.000458
2043 Feb	183	0.554	0.818	0.0143	66.8	0.0566	29.8	0.00095	0.00093	0.00000502	0.00709	0.00221	0.0624	0.0224	0.0000058	20.6	0.0000241	0.000458
2043 Mar	183	0.554	0.818	0.0143	66.8	0.0566	29.8	0.00095	0.00093	0.00000502	0.00709	0.00221	0.0624	0.0224	0.0000058	20.6	0.0000241	0.000458
2043 Apr	183	0.555	0.818	0.0143	66.8	0.0566	29.8	0.00095	0.00093	0.00000502	0.0071	0.00221	0.0624	0.0224	0.0000058	20.6	0.0000241	0.000458
2043 May	183	0.555	0.818	0.0143	66.8	0.0567	29.9	0.000951	0.000931	0.00000503	0.0071	0.00222	0.0625	0.0224	0.0000058	20.6	0.0000241	0.000459
2043 Jun	183	0.553	0.816	0.0143	66.7	0.0567	29.9	0.00095	0.00093	0.00000502	0.0071	0.00222	0.0626	0.0225	0.0000058	20.7	0.0000241	0.00046
2043 Jul	183	0.554	0.817	0.0143	66.8	0.0568	30	0.000951	0.000931	0.00000503	0.00711	0.00222	0.0627	0.0225	0.00000581	20.7	0.0000242	0.000461
2043 Aug	183	0.555	0.818	0.0143	66.9	0.0569	30.1	0.000952	0.000933	0.00000504	0.00713	0.00223	0.0628	0.0225	0.00000582	20.7	0.0000242	0.000462
2043 Sep	183	0.555	0.818	0.0143	66.9	0.057	30.1	0.000953	0.000933	0.00000504	0.00713	0.00223	0.0629	0.0226	0.00000582	20.7	0.0000242	0.000463
2043 Oct	183	0.555	0.818	0.0143	66.9	0.057	30.2	0.000952	0.000933	0.00000504	0.00713	0.00223	0.063	0.0226	0.00000582	20.8	0.0000242	0.000464
2043 Nov	184	0.555	0.818	0.0143	66.9	0.0571	30.2	0.000952	0.000933	0.00000503	0.00714	0.00224	0.0631	0.0226	0.00000583	20.8	0.0000243	0.000464
2043 Dec	184	0.555	0.818	0.0143	66.9	0.0571	30.2	0.000952	0.000933	0.00000504	0.00714	0.00224	0.0631	0.0226	0.00000583	20.8	0.0000243	0.000464
2044 Jan	184	0.555	0.818	0.0143	66.9	0.0571	30.2	0.000952	0.000933	0.00000504	0.00714	0.00224	0.0631	0.0226	0.00000583	20.8	0.0000243	0.000464
2044 Feb	184	0.555	0.818	0.0143	66.9	0.0571	30.2	0.000952	0.000933	0.00000504	0.00714	0.00224	0.0631	0.0226	0.00000583	20.8	0.0000243	0.000464
2044 Mar	184	0.555	0.818	0.0143	66.9	0.0571	30.2	0.000952	0.000933	0.00000504	0.00714	0.00224	0.0631	0.0226	0.00000583	20.8	0.0000243	0.000464
2044 Apr	184	0.555	0.818	0.0143	66.9	0.0571	30.2	0.000952	0.000933	0.00000504	0.00714	0.00224	0.0631	0.0226	0.00000583	20.8	0.0000243	0.000464
2044 May	184	0.555	0.818	0.0143	66.9	0.0571	30.2	0.000953	0.000933	0.00000504	0.00714	0.00224	0.0631	0.0226	0.00000583	20.8	0.0000243	0.000464
2044 Jun	183	0.553	0.815	0.0143	66.7	0.0571	30.3	0.000951	0.000931	0.00000503	0.00714	0.00224	0.0633	0.0226	0.00000582	20.8	0.0000243	0.000466
2044 Jul	183	0.553	0.814	0.0143	66.7	0.0572	30.3	0.000952	0.000932	0.00000503	0.00715	0.00224	0.0634	0.0226	0.00000583	20.8	0.0000243	0.000467
2044 Aug	184	0.554	0.816	0.0143	66.8	0.0573	30.4	0.000953	0.000934	0.00000504	0.00716	0.00225	0.0635	0.0227	0.00000584	20.8	0.0000244	0.000468
2044 Sep	184	0.553	0.815	0.0143	66.8	0.0573	30.4	0.000953	0.000934	0.00000504	0.00716	0.00225	0.0635	0.0226	0.00000584	20.8	0.0000244	0.000468
2044 Oct	184	0.553	0.815	0.0143	66.7	0.0574	30.4	0.000953	0.000933	0.00000504	0.00716	0.00225	0.0636	0.0226	0.00000584	20.8	0.0000244	0.000468
2044 Nov	184	0.553	0.814	0.0143	66.7	0.0574	30.4	0.000953	0.000933	0.00000504	0.00717	0.00225	0.0636	0.0226	0.00000584	20.8	0.0000244	0.000468
2044 Dec	184	0.553	0.814	0.0143	66.7	0.0574	30.4	0.000953	0.000933	0.00000504	0.00717	0.00225	0.0636	0.0226	0.00000584	20.8	0.0000244	0.000468
2045 Jan	184	0.553	0.814	0.0143	66.7	0.0574	30.4	0.000953	0.000933	0.00000504	0.00717	0.00225	0.0636	0.0226	0.00000584	20.8	0.0000244	0.000468
2045 Feb	184	0.553	0.814	0.0143	66.7	0.0574	30.4	0.000953	0.000933	0.00000504	0.00717	0.00225	0.0636	0.0226	0.00000584	20.8	0.0000244	0.000468
2045 Mar	184	0.553	0.815	0.0143	66.7	0.0574	30.4	0.000953	0.000933	0.00000504	0.00717	0.00225	0.0636	0.0226	0.00000584	20.8	0.0000244	0.000468
2045 Apr	184	0.553	0.815	0.0143	66.7	0.0574	30.4	0.000953	0.000934	0.00000504	0.00717	0.00225	0.0636	0.0226	0.00000584	20.8	0.0000244	0.000468
2045 May	184	0.553	0.815	0.0143	66.8	0.0574	30.4	0.000953	0.000934	0.00000504	0.00717	0.00225	0.0636	0.0227	0.00000584	20.8	0.0000244	0.000469
2045 Jun	184	0.552	0.814	0.0142	66.6	0.0576	30.6	0.000952	0.000933	0.00000504	0.00718	0.00226	0.064	0.0227	0.00000585	20.8	0.0000245	0.000472
2045 Jul	184	0.552	0.813	0.0142	66.6	0.0578	30.8	0.000952	0.000933	0.00000504	0.00719	0.00226	0.0643	0.0227	0.00000586	20.9	0.0000246	0.000473
2045 Aug	184	0.553	0.814	0.0143	66.7	0.0578	30.8	0.000954	0.000934	0.00000504	0.0072	0.00227	0.0643	0.0227	0.00000587	20.9	0.0000246	0.000474
2045 Sep	184	0.553	0.814	0.0143	66.7	0.0579	30.8	0.000954	0.000935	0.00000505	0.00721	0.00227	0.0644	0.0227	0.00000587	20.9	0.0000246	0.000474
2045 Oct	185	0.553	0.814	0.0143	66.7	0.0579	30.8	0.000954	0.000935	0.00000505	0.00721	0.00227	0.0644	0.0227	0.00000587	20.9	0.0000246	0.000475
2045 Nov	185	0.553	0.815	0.0143	66.8	0.0579	30.9	0.000954	0.000935	0.00000505	0.00721	0.00227	0.0644	0.0227	0.00000587	20.9	0.0000246	0.000475
2045 Dec	185	0.553	0.815	0.0143	66.8	0.0579	30.9	0.000954	0.000935	0.00000505	0.00721	0.00227	0.0644	0.0227	0.00000587	20.9	0.0000246	0.000475
2046 Jan	185	0.553	0.815	0.0143	66.8	0.0579	30.9	0.000954	0.000935	0.00000505	0.00721	0.00227	0.0644	0.0227	0.00000587	20.9	0.0000246	0.000475

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2046 Feb	185	0.553	0.815	0.0143	66.8	0.0579	30.9	0.000954	0.000935	0.00000505	0.00721	0.00227	0.0644	0.0227	0.00000587	20.9	0.0000246	0.000475
2046 Mar	185	0.553	0.815	0.0143	66.8	0.0579	30.9	0.000954	0.000935	0.00000505	0.00721	0.00227	0.0644	0.0227	0.00000587	20.9	0.0000246	0.000475
2046 Apr	185	0.553	0.815	0.0143	66.8	0.0579	30.9	0.000954	0.000935	0.00000505	0.00721	0.00227	0.0645	0.0227	0.00000587	20.9	0.0000246	0.000475
2046 May	185	0.553	0.815	0.0143	66.8	0.0579	30.9	0.000955	0.000936	0.00000505	0.00721	0.00227	0.0645	0.0228	0.00000587	20.9	0.0000246	0.000475
2046 Jun	184	0.551	0.812	0.0142	66.5	0.058	31	0.000953	0.000934	0.00000504	0.00722	0.00227	0.0647	0.0227	0.00000587	20.9	0.0000247	0.000477
2046 Jul	184	0.549	0.808	0.0142	66.3	0.058	31	0.000952	0.000933	0.00000504	0.00722	0.00227	0.0648	0.0227	0.00000587	20.9	0.0000247	0.000477
2046 Aug	184	0.549	0.809	0.0142	66.4	0.0581	31.1	0.000953	0.000934	0.00000504	0.00723	0.00228	0.0649	0.0227	0.00000588	20.9	0.0000248	0.000478
2046 Sep	184	0.548	0.808	0.0141	66.3	0.0581	31.1	0.000953	0.000934	0.00000504	0.00723	0.00228	0.0649	0.0227	0.00000588	20.9	0.0000248	0.000478
2046 Oct	184	0.548	0.807	0.0141	66.3	0.0581	31.1	0.000952	0.000933	0.00000504	0.00723	0.00228	0.0649	0.0227	0.00000588	20.9	0.0000248	0.000479
2046 Nov	184	0.548	0.807	0.0141	66.3	0.0581	31.1	0.000952	0.000933	0.00000504	0.00723	0.00228	0.065	0.0227	0.00000588	20.9	0.0000248	0.000479
2046 Dec	184	0.548	0.807	0.0141	66.3	0.0581	31.1	0.000952	0.000933	0.00000504	0.00723	0.00228	0.065	0.0227	0.00000588	20.9	0.0000248	0.000479
2047 Jan	184	0.548	0.807	0.0141	66.3	0.0581	31.1	0.000952	0.000933	0.00000504	0.00723	0.00228	0.065	0.0227	0.00000588	20.9	0.0000248	0.000479
2047 Feb	184	0.548	0.807	0.0141	66.3	0.0581	31.1	0.000952	0.000933	0.00000504	0.00723	0.00228	0.065	0.0227	0.00000588	20.9	0.0000248	0.000479
2047 Mar	184	0.548	0.807	0.0141	66.3	0.0581	31.1	0.000952	0.000933	0.00000504	0.00723	0.00228	0.065	0.0227	0.00000588	20.9	0.0000248	0.000479
2047 Apr	184	0.548	0.807	0.0141	66.3	0.0581	31.1	0.000952	0.000933	0.00000504	0.00723	0.00228	0.065	0.0227	0.00000588	20.9	0.0000248	0.000479
2047 May	184	0.548	0.807	0.0141	66.3	0.0582	31.1	0.000952	0.000934	0.00000504	0.00723	0.00228	0.065	0.0227	0.00000588	20.9	0.0000248	0.000479
2047 Jun	184	0.546	0.803	0.0141	66	0.0583	31.3	0.00095	0.000932	0.00000503	0.00723	0.00229	0.0652	0.0228	0.00000588	20.9	0.0000248	0.000482
2047 Jul	184	0.546	0.804	0.0141	66.1	0.0584	31.3	0.000952	0.000933	0.00000504	0.00725	0.00229	0.0654	0.0228	0.00000589	21	0.0000249	0.000483
2047 Aug	185	0.547	0.806	0.0141	66.3	0.0585	31.4	0.000954	0.000935	0.00000505	0.00726	0.00229	0.0655	0.0229	0.0000059	21	0.0000249	0.000483
2047 Sep	185	0.547	0.805	0.0141	66.2	0.0585	31.4	0.000953	0.000935	0.00000505	0.00726	0.0023	0.0655	0.0229	0.0000059	21	0.0000249	0.000484
2047 Oct	185	0.546	0.804	0.0141	66.2	0.0585	31.4	0.000953	0.000934	0.00000504	0.00726	0.0023	0.0656	0.0229	0.0000059	21	0.0000249	0.000485
2047 Nov	185	0.546	0.804	0.0141	66.2	0.0585	31.5	0.000953	0.000934	0.00000504	0.00726	0.0023	0.0656	0.0229	0.0000059	21	0.0000249	0.000485
2047 Dec	185	0.546	0.804	0.0141	66.2	0.0586	31.5	0.000953	0.000934	0.00000504	0.00726	0.0023	0.0656	0.0229	0.0000059	21	0.0000249	0.000485
2048 Jan	185	0.546	0.804	0.0141	66.2	0.0586	31.5	0.000953	0.000934	0.00000504	0.00726	0.0023	0.0656	0.0229	0.0000059	21	0.0000249	0.000485
2048 Feb	185	0.546	0.804	0.0141	66.2	0.0586	31.5	0.000953	0.000934	0.00000504	0.00726	0.0023	0.0656	0.0229	0.0000059	21	0.0000249	0.000485
2048 Mar	185	0.546	0.804	0.0141	66.2	0.0586	31.5	0.000953	0.000934	0.00000504	0.00726	0.0023	0.0656	0.0229	0.0000059	21	0.0000249	0.000485
2048 Apr	185	0.546	0.804	0.0141	66.2	0.0586	31.5	0.000953	0.000934	0.00000504	0.00726	0.0023	0.0657	0.0229	0.0000059	21	0.0000249	0.000485
2048 May	185	0.546	0.804	0.0141	66.2	0.0586	31.5	0.000953	0.000935	0.00000505	0.00727	0.0023	0.0657	0.0229	0.0000059	21	0.000025	0.000485
2048 Jun	184	0.544	0.8	0.014	65.9	0.0586	31.5	0.000952	0.000933	0.00000504	0.00727	0.0023	0.0657	0.0229	0.0000059	21	0.000025	0.000486
2048 Jul	184	0.541	0.797	0.014	65.7	0.0586	31.5	0.000951	0.000933	0.00000503	0.00727	0.0023	0.0658	0.0228	0.0000059	21	0.000025	0.000486
2048 Aug	184	0.541	0.797	0.014	65.7	0.0586	31.5	0.000952	0.000933	0.00000504	0.00727	0.0023	0.0658	0.0229	0.0000059	21	0.000025	0.000487
2048 Sep	184	0.541	0.796	0.014	65.7	0.0586	31.6	0.000952	0.000933	0.00000504	0.00728	0.0023	0.0659	0.0229	0.0000059	21	0.000025	0.000487
2048 Oct	184	0.541	0.796	0.0139	65.7	0.0587	31.6	0.000951	0.000933	0.00000504	0.00728	0.0023	0.0659	0.0229	0.0000059	21	0.000025	0.000487
2048 Nov	184	0.54	0.795	0.0139	65.6	0.0587	31.6	0.000951	0.000933	0.00000504	0.00728	0.0023	0.0659	0.0229	0.0000059	21	0.000025	0.000487
2048 Dec	184	0.54	0.795	0.0139	65.6	0.0587	31.6	0.000951	0.000933	0.00000504	0.00728	0.0023	0.0659	0.0229	0.0000059	21	0.000025	0.000487
2049 Jan	184	0.54	0.795	0.0139	65.6	0.0587	31.6	0.000951	0.000933	0.00000504	0.00728	0.0023	0.0659	0.0229	0.0000059	21	0.000025	0.000487
2049 Feb	184	0.54	0.795	0.0139	65.6	0.0587	31.6	0.000951	0.000933	0.00000504	0.00728	0.0023	0.0659	0.0229	0.0000059	21	0.000025	0.000487
2049 Mar	184	0.54	0.795	0.0139	65.7	0.0587	31.6	0.000951	0.000933	0.00000504	0.00728	0.0023	0.0659	0.0229	0.0000059	21	0.000025	0.000487
2049 Apr	184	0.541	0.796	0.0139	65.7	0.0587	31.6	0.000951	0.000933	0.00000504	0.00728	0.0023	0.0659	0.0229	0.0000059	21	0.000025	0.000488
2049 May	184	0.541	0.796	0.0139	65.7	0.0587	31.6	0.000952	0.000934	0.00000504	0.00728	0.00231	0.066	0.0229	0.00000591	21	0.0000251	0.000488
2049 Jun	183	0.537	0.791	0.0139	65.3	0.0587	31.6	0.00095	0.000932	0.00000503	0.00728	0.0023	0.066	0.0228	0.0000059	20.9	0.0000251	0.000488
2049 Jul	183	0.536	0.789	0.0138	65.2	0.0586	31.6	0.00095	0.000932	0.00000503	0.00728	0.0023	0.066	0.0228	0.0000059	20.9	0.0000251	0.000488
2049 Aug	184	0.537	0.79	0.0139	65.3	0.0588	31.7	0.000951	0.000933	0.00000504	0.00729	0.00231	0.0661	0.0228	0.00000591	21	0.0000251	0.000489
2049 Sep	184	0.536	0.789	0.0138	65.3	0.0588	31.7	0.000951	0.000933	0.00000503	0.0073	0.00231	0.0661	0.0228	0.00000591	21	0.0000251	0.000489
2049 Oct	183	0.536	0.788	0.0138	65.2	0.0588	31.7	0.000951	0.000933	0.00000503	0.0073	0.00231	0.0662	0.0228	0.00000591	21	0.0000251	0.00049
2049 Nov	183	0.536	0.788	0.0138	65.2	0.0588	31.7	0.000951	0.000933	0.00000503	0.0073	0.00231	0.0662	0.0228	0.00000591	21	0.0000251	0.00049
2049 Dec	183	0.536	0.788	0.0138	65.2	0.0588	31.7	0.000951	0.000933	0.00000503	0.0073	0.00231	0.0662	0.0228	0.00000591	21	0.0000251	0.00049
2050 Jan	183	0.536	0.788	0.0138	65.2	0.0588	31.7	0.000951	0.000933	0.00000503	0.0073	0.00231	0.0662	0.0228	0.00000591	21	0.0000251	0.00049
2050 Feb	183	0.536	0.788	0.0138	65.2	0.0588	31.7	0.000951	0.000933	0.00000503	0.0073	0.00231	0.0662	0.0228	0.00000591	21	0.0000251	0.00049
2050 Mar	183	0.536	0.788	0.0138	65.2	0.0588	31.7	0.000951	0.000933	0.00000503	0.0073	0.00231	0.0662	0.0228	0.00000591	21	0.0000251	0.00049
2050 Apr	184	0.536	0.788	0.0138	65.2	0.0588	31.7	0.000951	0.000933	0.00000503	0.0073	0.00231	0.0662	0.0228	0.00000591	21	0.0000251	0.00049
2050 May	184	0.536	0.788	0.0138	65.2	0.0588	31.7	0.000951	0.000933	0.00000504	0.0073	0.00231	0.0662	0.0229	0.00000591	21	0.0000251	0.00049
2050 Jun	183	0.533	0.784	0.0138	65	0.0588	31.8	0.00095	0.000932	0.00000503	0.0073	0.00231	0.0663	0.0228	0.00000591	20.9	0.0000252	0.000491
2050 Jul	183	0.531	0.781	0.0137	64.8	0.0588	31.7	0.000949	0.000931	0.00000502	0.0073	0.00231	0.0662	0.0228	0.0000059	20.9	0.0000252	0.000491
2050 Aug	183	0.532	0.782	0.0137	64.8	0.0589	31.8	0.00095	0.000932	0.00000503	0.00731	0.00231	0.0663	0.0228	0.00000591	20.9	0.0000252	0.000491
2050 Sep	183	0.531	0.781	0.0137	64.8	0.0589	31.8	0.00095	0.000932	0.00000503	0.00731	0.00231	0.0664	0.0228	0.00000591	20.9	0.0000252	0.000492
2050 Oct	183	0.531	0.781	0.0137	64.8	0.0589	31.8	0.00095	0.000933	0.00000503	0.00731	0.00231	0.0664	0.0228	0.00000591	20.9	0.0000252	0.000492
2050 Nov	183	0.531	0.782	0.0137	64.8	0.0589	31.8	0.000951	0.000933	0.00000503	0.00731	0.00231	0.0664	0.0228	0.00000591	21	0.0000252	0.000492
2050 Dec	183	0.531	0.782	0.0137	64.8	0.0589	31.8	0.000951	0.000933	0.00000503	0.00731	0.00231	0.0664	0.0228	0.00000591	21	0.0000252	0.000492
2051 Jan	183	0.531	0.782	0.0137	64.8	0.0589	31.8	0.000951	0.000933	0.00000503	0.00731	0.00231	0.0664	0.0228	0.00000591	21	0.0000252	0.000492
2051 Feb	183	0.531	0.782	0.0137	64.8	0.0589	31.8	0.000951	0.000933	0.00000503	0.00731	0.00231	0.0664	0.0228	0.00000591	21	0.0000252	0.000492
2051 Mar	183	0.531	0.782	0.0137	64.8	0.0589	31.8	0.000951	0.000933	0.00000503	0.00731	0.00231	0.0664	0.0228	0.00000591	21	0.0000252	0.000492
2051 Apr	183	0.531	0.782	0.0137	64.9	0.0589	31.8	0.000951	0.000933	0.00000503	0.00731	0.00231	0.0664	0.0228	0.00000591	21	0.0000252	0.000492
2051 May	183	0.532	0.782	0.0137	64.9	0.059	31.9	0.000951	0.000933	0.00000503	0.00732	0.00232	0.0665	0.0229	0.00000592	21	0.0000252	0.000492
2051 Jun	183	0.527	0.775	0.0136	64.4	0.059	32	0.000948	0.00093	0.00000502	0.00732	0.00232	0.0668	0.0229	0.00000591	21	0.0000253	0.000495
2051 Jul	183	0.526	0.774	0.0136	64.3	0.0591	32.1	0.000948	0.00093	0.00000502	0.00732	0.00232	0.0668	0.0229	0.00000591	21	0.0000253	0.000496
2051 Aug	183	0.526	0.774	0.0136	64.4	0.0591	32.1	0.000948	0.000931	0.00000502	0.00733	0.00233	0.0669	0.0229	0.00000592	21	0.0000253	0.000496
2051 Sep	183	0.525	0.772	0.0136	64.3	0.0591	32.1	0.000948	0.00093	0.00000502	0.00732	0.00233	0.0669	0.0229	0.00000592	21	0.0000253	0.000497

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2051 Oct	182	0.523	0.769	0.0135	64.1	0.0591	32.1	0.000946	0.000929	0.00000501	0.00732	0.00232	0.0669	0.0229	0.00000591	21	0.0000253	0.000496
2051 Nov	182	0.523	0.769	0.0135	64	0.0591	32.1	0.000946	0.000929	0.00000501	0.00732	0.00232	0.0669	0.0229	0.00000591	21	0.0000253	0.000497
2051 Dec	182	0.523	0.769	0.0135	64	0.0591	32.1	0.000946	0.000929	0.00000501	0.00732	0.00232	0.0669	0.0229	0.00000591	21	0.0000253	0.000497
2052 Jan	182	0.523	0.769	0.0135	64	0.0591	32.1	0.000946	0.000929	0.00000501	0.00732	0.00232	0.0669	0.0229	0.00000591	21	0.0000253	0.000497
2052 Feb	182	0.523	0.769	0.0135	64	0.0591	32.1	0.000946	0.000929	0.00000501	0.00732	0.00232	0.0669	0.0229	0.00000591	21	0.0000253	0.000497
2052 Mar	182	0.523	0.769	0.0135	64	0.0591	32.1	0.000946	0.000929	0.00000501	0.00732	0.00232	0.0669	0.0229	0.00000591	21	0.0000253	0.000497
2052 Apr	182	0.523	0.769	0.0135	64.1	0.0591	32.1	0.000946	0.000929	0.00000501	0.00732	0.00232	0.0669	0.0229	0.00000591	21	0.0000253	0.000497
2052 May	182	0.523	0.769	0.0135	64.1	0.0591	32.1	0.000947	0.000929	0.00000501	0.00732	0.00233	0.0669	0.0229	0.00000591	21	0.0000253	0.000497
2052 Jun	182	0.521	0.766	0.0134	63.9	0.0591	32.1	0.000946	0.000929	0.00000501	0.00732	0.00233	0.0669	0.0229	0.00000591	21	0.0000253	0.000497
2052 Jul	182	0.521	0.765	0.0134	63.9	0.0592	32.1	0.000946	0.000929	0.00000501	0.00733	0.00233	0.067	0.0229	0.00000591	21	0.0000254	0.000498
2052 Aug	182	0.521	0.765	0.0134	63.9	0.0592	32.2	0.000947	0.00093	0.00000501	0.00733	0.00233	0.0671	0.0229	0.00000592	21	0.0000254	0.000498
2052 Sep	182	0.52	0.764	0.0134	63.9	0.0593	32.2	0.000947	0.00093	0.00000501	0.00734	0.00233	0.0671	0.0229	0.00000592	21	0.0000254	0.000499
2052 Oct	182	0.52	0.764	0.0134	63.8	0.0593	32.2	0.000947	0.00093	0.00000501	0.00734	0.00233	0.0671	0.0229	0.00000592	21	0.0000254	0.000499
2052 Nov	182	0.52	0.764	0.0134	63.8	0.0593	32.2	0.000947	0.00093	0.00000501	0.00734	0.00233	0.0671	0.0229	0.00000592	21	0.0000254	0.000499
2052 Dec	182	0.52	0.764	0.0134	63.8	0.0593	32.2	0.000947	0.00093	0.00000501	0.00734	0.00233	0.0671	0.0229	0.00000592	21	0.0000254	0.000499
2053 Jan	182	0.52	0.764	0.0134	63.8	0.0593	32.2	0.000947	0.00093	0.00000501	0.00734	0.00233	0.0671	0.0229	0.00000592	21	0.0000254	0.000499
2053 Feb	182	0.52	0.764	0.0134	63.8	0.0593	32.2	0.000947	0.00093	0.00000501	0.00734	0.00233	0.0671	0.0229	0.00000592	21	0.0000254	0.000499
2053 Mar	182	0.52	0.764	0.0134	63.8	0.0593	32.2	0.000947	0.00093	0.00000501	0.00734	0.00233	0.0671	0.0229	0.00000592	21	0.0000254	0.000499
2053 Apr	182	0.52	0.764	0.0134	63.9	0.0593	32.2	0.000947	0.00093	0.00000502	0.00734	0.00233	0.0671	0.0229	0.00000592	21	0.0000254	0.000499
2053 May	182	0.52	0.763	0.0134	63.8	0.0594	32.3	0.000947	0.00093	0.00000502	0.00735	0.00234	0.0673	0.023	0.00000593	21.1	0.0000254	0.000501
2053 Jun	182	0.516	0.758	0.0133	63.5	0.0595	32.4	0.000945	0.000928	0.000005	0.00734	0.00234	0.0675	0.0231	0.00000592	21.1	0.0000255	0.000503
2053 Jul	182	0.517	0.758	0.0133	63.5	0.0595	32.5	0.000946	0.000929	0.00000501	0.00735	0.00235	0.0676	0.0231	0.00000593	21.1	0.0000255	0.000504
2053 Aug	182	0.517	0.759	0.0133	63.6	0.0596	32.5	0.000947	0.00093	0.00000502	0.00736	0.00235	0.0677	0.0231	0.00000594	21.2	0.0000255	0.000505
2053 Sep	183	0.518	0.76	0.0133	63.7	0.0597	32.6	0.000948	0.000931	0.00000502	0.00737	0.00235	0.0678	0.0232	0.00000594	21.2	0.0000256	0.000505
2053 Oct	183	0.518	0.76	0.0133	63.7	0.0598	32.6	0.000948	0.000931	0.00000502	0.00737	0.00236	0.0679	0.0232	0.00000595	21.2	0.0000256	0.000506
2053 Nov	183	0.518	0.76	0.0133	63.7	0.0598	32.6	0.000948	0.000931	0.00000502	0.00737	0.00236	0.0679	0.0232	0.00000595	21.2	0.0000256	0.000506
2053 Dec	183	0.518	0.76	0.0133	63.7	0.0598	32.6	0.000948	0.000931	0.00000502	0.00737	0.00236	0.0679	0.0232	0.00000595	21.2	0.0000256	0.000506
2054 Jan	183	0.518	0.76	0.0133	63.7	0.0598	32.6	0.000948	0.000931	0.00000502	0.00737	0.00236	0.0679	0.0232	0.00000595	21.2	0.0000256	0.000506
2054 Feb	183	0.518	0.76	0.0133	63.7	0.0598	32.6	0.000948	0.000931	0.00000502	0.00737	0.00236	0.0679	0.0232	0.00000595	21.2	0.0000256	0.000506
2054 Mar	183	0.518	0.76	0.0133	63.7	0.0598	32.6	0.000948	0.000931	0.00000502	0.00737	0.00236	0.0679	0.0232	0.00000595	21.2	0.0000256	0.000506
2054 Apr	183	0.518	0.76	0.0133	63.7	0.0598	32.6	0.000948	0.000931	0.00000502	0.00738	0.00236	0.0679	0.0232	0.00000595	21.2	0.0000256	0.000506
2054 May	183	0.518	0.76	0.0134	63.7	0.0598	32.7	0.000949	0.000932	0.00000503	0.00738	0.00236	0.068	0.0232	0.00000595	21.2	0.0000256	0.000507
2054 Jun	183	0.515	0.755	0.0133	63.4	0.0599	32.8	0.000947	0.00093	0.00000501	0.00738	0.00236	0.0682	0.0233	0.00000595	21.3	0.0000257	0.000509
2054 Jul	182	0.513	0.753	0.0132	63.3	0.0599	32.8	0.000946	0.000929	0.00000501	0.00738	0.00237	0.0682	0.0233	0.00000595	21.3	0.0000257	0.00051
2054 Aug	183	0.513	0.753	0.0132	63.3	0.0599	32.9	0.000947	0.00093	0.00000501	0.00738	0.00237	0.0683	0.0233	0.00000595	21.3	0.0000257	0.00051
2054 Sep	183	0.513	0.752	0.0132	63.3	0.06	32.9	0.000947	0.00093	0.00000501	0.00738	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000511
2054 Oct	182	0.512	0.751	0.0132	63.3	0.06	32.9	0.000946	0.000929	0.00000501	0.00738	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000511
2054 Nov	182	0.512	0.751	0.0132	63.2	0.06	32.9	0.000946	0.000929	0.00000501	0.00738	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000511
2054 Dec	182	0.512	0.751	0.0132	63.2	0.06	32.9	0.000946	0.000929	0.00000501	0.00738	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000511
2055 Jan	182	0.512	0.751	0.0132	63.2	0.06	32.9	0.000946	0.000929	0.00000501	0.00738	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000511
2055 Feb	182	0.512	0.751	0.0132	63.2	0.06	32.9	0.000946	0.000929	0.00000501	0.00738	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000511
2055 Mar	182	0.512	0.751	0.0132	63.2	0.06	32.9	0.000946	0.000929	0.00000501	0.00738	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000511
2055 Apr	182	0.512	0.751	0.0132	63.2	0.06	32.9	0.000946	0.000929	0.00000501	0.00738	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000511
2055 May	183	0.512	0.752	0.0132	63.3	0.06	32.9	0.000947	0.00093	0.00000502	0.00739	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000511
2055 Jun	182	0.509	0.746	0.0131	62.9	0.06	32.9	0.000945	0.000928	0.000005	0.00738	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000511
2055 Jul	182	0.507	0.744	0.0131	62.7	0.0599	32.9	0.000944	0.000928	0.000005	0.00738	0.00237	0.0684	0.0232	0.00000595	21.2	0.0000257	0.000512
2055 Aug	182	0.508	0.744	0.0131	62.8	0.06	33	0.000946	0.000929	0.00000501	0.00739	0.00237	0.0685	0.0233	0.00000595	21.3	0.0000258	0.000512
2055 Sep	182	0.507	0.744	0.0131	62.8	0.06	33	0.000946	0.000929	0.00000501	0.0074	0.00237	0.0685	0.0233	0.00000595	21.3	0.0000258	0.000512
2055 Oct	182	0.507	0.744	0.0131	62.8	0.0601	33	0.000946	0.000929	0.00000501	0.0074	0.00237	0.0686	0.0233	0.00000595	21.3	0.0000258	0.000512
2055 Nov	182	0.507	0.744	0.0131	62.8	0.0601	33	0.000946	0.000929	0.00000501	0.0074	0.00237	0.0686	0.0233	0.00000595	21.3	0.0000258	0.000513
2055 Dec	182	0.507	0.744	0.0131	62.8	0.0601	33	0.000946	0.000929	0.00000501	0.0074	0.00237	0.0686	0.0233	0.00000596	21.3	0.0000258	0.000513
2056 Jan	182	0.507	0.744	0.0131	62.8	0.0601	33	0.000946	0.000929	0.00000501	0.0074	0.00237	0.0686	0.0233	0.00000596	21.3	0.0000258	0.000513
2056 Feb	182	0.507	0.744	0.0131	62.8	0.0601	33	0.000946	0.000929	0.00000501	0.0074	0.00237	0.0686	0.0233	0.00000596	21.3	0.0000258	0.000513
2056 Mar	182	0.507	0.744	0.0131	62.8	0.0601	33	0.000946	0.000929	0.00000501	0.0074	0.00237	0.0686	0.0233	0.00000596	21.3	0.0000258	0.000513
2056 Apr	182	0.507	0.744	0.0131	62.8	0.0601	33	0.000946	0.000929	0.00000501	0.0074	0.00237	0.0686	0.0233	0.00000596	21.3	0.0000258	0.000513
2056 May	182	0.507	0.743	0.0131	62.8	0.0601	33	0.000946	0.00093	0.00000501	0.0074	0.00237	0.0686	0.0233	0.00000596	21.3	0.0000258	0.000513
2056 Jun	181	0.503	0.738	0.013	62.4	0.0599	32.9	0.000945	0.000928	0.000005	0.00739	0.00237	0.0684	0.0233	0.00000595	21.3	0.0000257	0.000513
2056 Jul	181	0.504	0.738	0.013	62.5	0.06	33	0.000946	0.000929	0.00000501	0.0074	0.00237	0.0685	0.0233	0.00000596	21.3	0.0000258	0.000513
2056 Aug	182	0.504	0.738	0.013	62.6	0.0601	33	0.000947	0.00093	0.00000501	0.00741	0.00238	0.0686	0.0234	0.00000596	21.3	0.0000258	0.000514
2056 Sep	182	0.504	0.739	0.013	62.6	0.0601	33	0.000947	0.000931	0.00000502	0.00741	0.00238	0.0686	0.0234	0.00000596	21.4	0.0000258	0.000514
2056 Oct	182	0.503	0.738	0.013	62.5	0.0601	33	0.000947	0.000931	0.00000502	0.00741	0.00238	0.0686	0.0234	0.00000596	21.4	0.0000258	0.000515
2056 Nov	182	0.503	0.737	0.013	62.5	0.0601	33	0.000947	0.000931	0.00000502	0.00741	0.00238	0.0686	0.0234	0.00000596	21.4	0.0000258	0.000515
2056 Dec	182	0.503	0.737	0.013	62.5	0.0601	33	0.000947	0.000931	0.00000502	0.00741	0.00238	0.0686	0.0234	0.00000596	21.4	0.0000258	0.000515
2057 Jan	182	0.503	0.737	0.013	62.5	0.0601	33	0.000947	0.000931	0.00000502	0.00741	0.00238	0.0686	0.0234	0.00000596	21.4	0.0000258	0.000515
2057 Feb	182	0.503	0.737	0.013	62.5	0.0601	33	0.000947	0.000931	0.00000502	0.00741	0.00238	0.0686	0.0234	0.00000596	21.4	0.0000258	0.000515
2057 Mar	182	0.503	0.737	0.013	62.5	0.0601	33	0.000947	0.000931	0.00000502	0.00741	0.00238	0.0686	0.0234	0.00000596	21.4	0.0000258	0.000515
2057 Apr	182	0.503	0.737	0.013	62.5	0.0601	33	0.000947	0.000931	0.00000502	0.00742	0.00238	0.0687	0.0234	0.00000596	21.4	0.0000258	0.000515
2057 May	182	0.504	0.738	0.013	62.6	0.0602	33.1	0.000948	0.000931	0.00000502	0.00742	0.00238	0.0687	0.0234	0.00000597	21.4	0.0000258	0.000515

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2057 Jun	181	0.5	0.732	0.0129	62.2	0.06	33	0.000946	0.00093	0.00000501	0.00741	0.00238	0.0686	0.0234	0.00000596	21.4	0.0000258	0.000515
2057 Jul	181	0.499	0.731	0.0129	62.2	0.0601	33	0.000947	0.00093	0.00000501	0.00742	0.00238	0.0686	0.0234	0.00000596	21.4	0.0000259	0.000516
2057 Aug	182	0.5	0.733	0.0129	62.3	0.0602	33.1	0.000949	0.000932	0.00000502	0.00744	0.00238	0.0688	0.0235	0.00000598	21.4	0.0000259	0.000517
2057 Sep	182	0.501	0.733	0.0129	62.4	0.0603	33.1	0.000949	0.000933	0.00000503	0.00744	0.00239	0.0688	0.0235	0.00000598	21.5	0.0000259	0.000517
2057 Oct	182	0.5	0.733	0.0129	62.3	0.0603	33.2	0.000949	0.000933	0.00000503	0.00744	0.00239	0.0688	0.0235	0.00000598	21.5	0.0000259	0.000517
2057 Nov	182	0.5	0.733	0.0129	62.3	0.0603	33.2	0.000949	0.000933	0.00000503	0.00744	0.00239	0.0689	0.0235	0.00000598	21.5	0.0000259	0.000517
2057 Dec	182	0.5	0.733	0.0129	62.3	0.0603	33.2	0.000949	0.000933	0.00000503	0.00744	0.00239	0.0689	0.0235	0.00000598	21.5	0.0000259	0.000517
2058 Jan	182	0.5	0.733	0.0129	62.3	0.0603	33.2	0.000949	0.000933	0.00000503	0.00744	0.00239	0.0689	0.0235	0.00000598	21.5	0.0000259	0.000517
2058 Feb	182	0.5	0.733	0.0129	62.3	0.0603	33.2	0.00095	0.000933	0.00000503	0.00744	0.00239	0.0689	0.0235	0.00000598	21.5	0.0000259	0.000517
2058 Mar	182	0.5	0.733	0.0129	62.3	0.0603	33.2	0.00095	0.000933	0.00000503	0.00744	0.00239	0.0689	0.0235	0.00000598	21.5	0.0000259	0.000517
2058 Apr	182	0.501	0.733	0.0129	62.4	0.0603	33.2	0.00095	0.000933	0.00000503	0.00744	0.00239	0.0689	0.0235	0.00000598	21.5	0.0000259	0.000517
2058 May	182	0.5	0.732	0.0129	62.3	0.0604	33.3	0.00095	0.000933	0.00000503	0.00745	0.00239	0.0691	0.0236	0.00000599	21.5	0.000026	0.000519
2058 Jun	181	0.494	0.723	0.0127	61.7	0.0605	33.5	0.000945	0.000929	0.00000501	0.00744	0.0024	0.0694	0.0237	0.00000598	21.6	0.0000261	0.000523
2058 Jul	181	0.494	0.723	0.0127	61.8	0.0605	33.5	0.000946	0.00093	0.00000501	0.00745	0.00241	0.0695	0.0237	0.00000598	21.6	0.0000261	0.000524
2058 Aug	182	0.495	0.724	0.0128	61.9	0.0606	33.5	0.000947	0.000931	0.00000502	0.00746	0.00241	0.0696	0.0237	0.00000599	21.6	0.0000261	0.000524
2058 Sep	182	0.495	0.723	0.0127	61.8	0.0606	33.6	0.000947	0.000931	0.00000502	0.00746	0.00241	0.0696	0.0237	0.00000599	21.6	0.0000261	0.000525
2058 Oct	182	0.494	0.723	0.0127	61.8	0.0607	33.6	0.000947	0.000931	0.00000502	0.00746	0.00241	0.0697	0.0237	0.00000599	21.6	0.0000261	0.000525
2058 Nov	182	0.494	0.723	0.0127	61.8	0.0607	33.6	0.000947	0.000931	0.00000502	0.00746	0.00241	0.0697	0.0237	0.00000599	21.6	0.0000261	0.000525
2058 Dec	182	0.494	0.723	0.0127	61.8	0.0607	33.6	0.000947	0.000931	0.00000502	0.00746	0.00241	0.0697	0.0237	0.00000599	21.6	0.0000261	0.000525
2059 Jan	182	0.494	0.723	0.0127	61.8	0.0607	33.6	0.000947	0.000931	0.00000502	0.00746	0.00241	0.0697	0.0237	0.00000599	21.6	0.0000261	0.000525
2059 Feb	182	0.494	0.723	0.0127	61.8	0.0607	33.6	0.000947	0.000931	0.00000502	0.00746	0.00241	0.0697	0.0237	0.00000599	21.6	0.0000261	0.000525
2059 Mar	182	0.494	0.723	0.0127	61.8	0.0607	33.6	0.000947	0.000931	0.00000502	0.00746	0.00241	0.0697	0.0237	0.00000599	21.6	0.0000261	0.000525
2059 Apr	182	0.494	0.723	0.0127	61.8	0.0607	33.6	0.000947	0.000931	0.00000502	0.00746	0.00241	0.0697	0.0237	0.00000599	21.6	0.0000261	0.000525
2059 May	182	0.494	0.722	0.0127	61.8	0.0607	33.6	0.000947	0.000931	0.00000502	0.00747	0.00241	0.0697	0.0238	0.000006	21.6	0.0000262	0.000526
2059 Jun	182	0.492	0.719	0.0127	61.6	0.0607	33.7	0.000947	0.000931	0.00000502	0.00747	0.00242	0.0698	0.0238	0.000006	21.7	0.0000262	0.000527
2059 Jul	182	0.493	0.721	0.0127	61.7	0.0609	33.8	0.000949	0.000933	0.00000503	0.00748	0.00242	0.07	0.0239	0.00000601	21.7	0.0000262	0.000528
2059 Aug	182	0.494	0.722	0.0127	61.9	0.061	33.8	0.00095	0.000934	0.00000504	0.0075	0.00243	0.0701	0.0239	0.00000602	21.8	0.0000263	0.000529
2059 Sep	182	0.494	0.722	0.0127	61.9	0.061	33.8	0.000951	0.000935	0.00000504	0.0075	0.00243	0.0701	0.0239	0.00000602	21.8	0.0000263	0.00053
2059 Oct	182	0.492	0.719	0.0127	61.7	0.061	33.9	0.000949	0.000933	0.00000503	0.0075	0.00243	0.0701	0.0239	0.00000602	21.8	0.0000263	0.00053
2059 Nov	182	0.492	0.719	0.0127	61.7	0.061	33.9	0.000949	0.000933	0.00000503	0.0075	0.00243	0.0702	0.0239	0.00000602	21.8	0.0000263	0.00053
2059 Dec	182	0.492	0.719	0.0127	61.7	0.061	33.9	0.000949	0.000933	0.00000503	0.0075	0.00243	0.0702	0.0239	0.00000602	21.8	0.0000263	0.00053
2060 Jan	182	0.492	0.719	0.0127	61.7	0.061	33.9	0.000949	0.000933	0.00000503	0.0075	0.00243	0.0702	0.0239	0.00000602	21.8	0.0000263	0.00053
2060 Feb	182	0.492	0.719	0.0127	61.7	0.061	33.9	0.000949	0.000933	0.00000503	0.0075	0.00243	0.0702	0.0239	0.00000602	21.8	0.0000263	0.00053
2060 Mar	182	0.492	0.719	0.0127	61.7	0.061	33.9	0.000949	0.000933	0.00000503	0.0075	0.00243	0.0702	0.0239	0.00000602	21.8	0.0000263	0.00053
2060 Apr	182	0.492	0.719	0.0127	61.7	0.061	33.9	0.00095	0.000933	0.00000503	0.0075	0.00243	0.0702	0.0239	0.00000602	21.8	0.0000263	0.00053
2060 May	182	0.491	0.718	0.0127	61.6	0.061	33.9	0.00095	0.000934	0.00000503	0.0075	0.00243	0.0702	0.024	0.00000602	21.8	0.0000263	0.000531
2060 Jun	182	0.488	0.713	0.0126	61.3	0.061	33.9	0.000948	0.000932	0.00000502	0.0075	0.00243	0.0702	0.024	0.00000601	21.8	0.0000263	0.000532
2060 Jul	182	0.489	0.714	0.0126	61.4	0.0611	34	0.00095	0.000934	0.00000503	0.00751	0.00244	0.0703	0.0241	0.00000602	21.9	0.0000264	0.000533
2060 Aug	182	0.489	0.714	0.0126	61.5	0.0611	34	0.000951	0.000935	0.00000504	0.00752	0.00244	0.0704	0.0241	0.00000603	21.9	0.0000264	0.000533
2060 Sep	182	0.488	0.712	0.0125	61.4	0.0611	34	0.00095	0.000934	0.00000503	0.00751	0.00244	0.0703	0.0241	0.00000602	21.9	0.0000264	0.000533
2060 Oct	182	0.487	0.711	0.0125	61.3	0.0611	34	0.000949	0.000934	0.00000503	0.00751	0.00244	0.0704	0.0241	0.00000602	21.9	0.0000264	0.000533
2060 Nov	182	0.487	0.71	0.0125	61.3	0.0611	34	0.000949	0.000933	0.00000503	0.00751	0.00244	0.0704	0.0241	0.00000602	21.9	0.0000264	0.000533
2060 Dec	182	0.487	0.71	0.0125	61.3	0.0611	34	0.000949	0.000933	0.00000503	0.00751	0.00244	0.0704	0.0241	0.00000602	21.9	0.0000264	0.000533
2061 Jan	182	0.487	0.71	0.0125	61.3	0.0611	34	0.000949	0.000933	0.00000503	0.00751	0.00244	0.0704	0.0241	0.00000602	21.9	0.0000264	0.000533
2061 Feb	182	0.487	0.71	0.0125	61.3	0.0611	34	0.000949	0.000933	0.00000503	0.00751	0.00244	0.0704	0.0241	0.00000602	21.9	0.0000264	0.000533
2061 Mar	182	0.487	0.71	0.0125	61.3	0.0611	34	0.000949	0.000933	0.00000503	0.00751	0.00244	0.0704	0.0241	0.00000602	21.9	0.0000264	0.000533
2061 Apr	182	0.487	0.71	0.0125	61.3	0.0611	34	0.000949	0.000934	0.00000503	0.00751	0.00244	0.0704	0.0241	0.00000602	21.9	0.0000264	0.000533
2061 May	182	0.486	0.709	0.0125	61.2	0.0612	34	0.000949	0.000933	0.00000503	0.00752	0.00244	0.0704	0.0241	0.00000603	21.9	0.0000264	0.000534
2061 Jun	181	0.482	0.702	0.0124	60.8	0.061	34	0.000946	0.00093	0.00000501	0.0075	0.00244	0.0704	0.0242	0.00000601	22	0.0000263	0.000535
2061 Jul	181	0.482	0.703	0.0124	60.9	0.0612	34.1	0.000948	0.000932	0.00000502	0.00751	0.00244	0.0705	0.0242	0.00000602	22	0.0000264	0.000536
2061 Aug	182	0.483	0.704	0.0124	61	0.0613	34.1	0.000949	0.000934	0.00000503	0.00753	0.00245	0.0706	0.0243	0.00000603	22	0.0000264	0.000537
2061 Sep	182	0.483	0.704	0.0124	61	0.0613	34.2	0.00095	0.000934	0.00000503	0.00753	0.00245	0.0707	0.0243	0.00000603	22.1	0.0000265	0.000537
2061 Oct	182	0.482	0.702	0.0124	60.9	0.0613	34.2	0.000948	0.000933	0.00000503	0.00752	0.00245	0.0707	0.0243	0.00000603	22	0.0000264	0.000537
2061 Nov	182	0.481	0.701	0.0124	60.9	0.0613	34.2	0.000948	0.000933	0.00000502	0.00752	0.00245	0.0707	0.0243	0.00000603	22	0.0000264	0.000538
2061 Dec	182	0.481	0.701	0.0124	60.9	0.0613	34.2	0.000948	0.000933	0.00000502	0.00752	0.00245	0.0707	0.0243	0.00000603	22	0.0000264	0.000538
2062 Jan	182	0.481	0.701	0.0124	60.9	0.0613	34.2	0.000948	0.000933	0.00000502	0.00752	0.00245	0.0707	0.0243	0.00000603	22	0.0000264	0.000538
2062 Feb	182	0.481	0.701	0.0124	60.9	0.0613	34.2	0.000948	0.000933	0.00000502	0.00752	0.00245	0.0707	0.0243	0.00000603	22	0.0000264	0.000538
2062 Mar	182	0.481	0.701	0.0124	60.9	0.0613	34.2	0.000948	0.000933	0.00000502	0.00752	0.00245	0.0707	0.0243	0.00000603	22	0.0000264	0.000538
2062 Apr	182	0.481	0.702	0.0124	60.9	0.0613	34.2	0.000948	0.000933	0.00000503	0.00752	0.00245	0.0707	0.0243	0.00000603	22	0.0000264	0.000538
2062 May	182	0.482	0.702	0.0124	60.9	0.0613	34.2	0.000949	0.000933	0.00000503	0.00753	0.00245	0.0707	0.0243	0.00000603	22.1	0.0000265	0.000538
2062 Jun	181	0.479	0.697	0.0123	60.6	0.0612	34.2	0.000947	0.000932	0.00000502	0.00752	0.00245	0.0706	0.0242	0.00000602	22	0.0000264	0.000538
2062 Jul	181	0.477	0.695	0.0123	60.4	0.0612	34.1	0.000947	0.000931	0.00000502	0.00752	0.00245	0.0706	0.0242	0.00000602	22	0.0000265	0.000538
2062 Aug	181	0.476	0.694	0.0123	60.4	0.0612	34.2	0.000947	0.000932	0.00000502	0.00753	0.00245	0.0706	0.0242	0.00000602	22	0.0000265	0.000538
2062 Sep	181	0.475	0.692	0.0122	60.3	0.0612	34.2	0.000947	0.000931	0.00000502	0.00752	0.00245	0.0706	0.0242	0.00000602	22	0.0000265	0.000538
2062 Oct	180	0.473	0.689	0.0122	60.1	0.0612	34.1	0.000945	0.00093	0.00000501	0.00752	0.00244	0.0705	0.0242	0.00000601	21.9	0.0000264	0.000537
2062 Nov	180	0.473	0.689	0.0122	60.1	0.0612	34.1	0.000945	0.00093	0.00000501	0.00752	0.00244	0.0705	0.0242	0.00000601	21.9	0.0000264	0.000537
2062 Dec	180	0.473	0.689	0.0122	60.1	0.0612	34.1	0.000945	0.00093	0.00000501	0.00752	0.00244	0.0705	0.0242	0.00000601	21.9	0.0000264	0.000537
2063 Jan	180	0.473	0.689	0.0122	60.1	0.0612	34.1	0.000945	0.00093	0.00000501	0.00752	0.00244	0.0705	0.0242	0.00000601	21.9	0.0000264	0.000537

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2063 Feb	180	0.473	0.689	0.0122	60.1	0.0612	34.1	0.000945	0.00093	0.00000501	0.00752	0.00244	0.0705	0.0242	0.00000601	21.9	0.0000264	0.000537
2063 Mar	180	0.473	0.689	0.0122	60.1	0.0612	34.1	0.000945	0.00093	0.00000501	0.00752	0.00244	0.0705	0.0242	0.00000601	21.9	0.0000264	0.000537
2063 Apr	180	0.473	0.689	0.0122	60.1	0.0612	34.1	0.000945	0.00093	0.00000501	0.00752	0.00244	0.0705	0.0242	0.00000601	21.9	0.0000264	0.000537
2063 May	180	0.473	0.688	0.0122	60	0.0612	34.1	0.000945	0.00093	0.00000501	0.00752	0.00244	0.0705	0.0242	0.00000601	22	0.0000264	0.000537
2063 Jun	179	0.467	0.678	0.012	59.4	0.0608	33.9	0.000941	0.000926	0.00000498	0.00749	0.00243	0.07	0.0241	0.00000598	21.9	0.0000263	0.000535
2063 Jul	179	0.466	0.677	0.012	59.3	0.0607	33.9	0.00094	0.000925	0.00000498	0.00749	0.00243	0.07	0.0241	0.00000598	21.9	0.0000263	0.000535
2063 Aug	179	0.466	0.678	0.012	59.4	0.0608	33.9	0.000942	0.000927	0.00000499	0.0075	0.00243	0.0701	0.0242	0.00000599	21.9	0.0000263	0.000536
2063 Sep	179	0.466	0.678	0.012	59.4	0.0608	34	0.000942	0.000927	0.00000499	0.0075	0.00244	0.0701	0.0242	0.00000599	21.9	0.0000263	0.000536
2063 Oct	179	0.465	0.676	0.012	59.3	0.0608	33.9	0.000942	0.000927	0.00000499	0.0075	0.00243	0.0701	0.0242	0.00000599	21.9	0.0000263	0.000536
2063 Nov	179	0.465	0.676	0.012	59.3	0.0608	33.9	0.000942	0.000927	0.00000499	0.0075	0.00243	0.0701	0.0242	0.00000599	21.9	0.0000263	0.000536
2063 Dec	179	0.465	0.676	0.012	59.3	0.0608	33.9	0.000942	0.000927	0.00000499	0.0075	0.00243	0.0701	0.0242	0.00000599	21.9	0.0000263	0.000536
2064 Jan	179	0.465	0.676	0.012	59.3	0.0608	33.9	0.000942	0.000927	0.00000499	0.0075	0.00243	0.0701	0.0242	0.00000599	21.9	0.0000263	0.000536
2064 Feb	179	0.465	0.676	0.012	59.3	0.0608	33.9	0.000942	0.000927	0.00000499	0.0075	0.00243	0.0701	0.0242	0.00000599	21.9	0.0000263	0.000536
2064 Mar	179	0.465	0.676	0.012	59.3	0.0608	33.9	0.000942	0.000927	0.00000499	0.0075	0.00243	0.0701	0.0242	0.00000599	21.9	0.0000263	0.000536
2064 Apr	179	0.465	0.676	0.012	59.3	0.0608	34	0.000942	0.000927	0.00000499	0.0075	0.00243	0.0701	0.0242	0.00000599	21.9	0.0000263	0.000536
2064 May	179	0.464	0.675	0.0119	59.3	0.0608	34	0.000941	0.000927	0.00000499	0.0075	0.00244	0.0701	0.0242	0.00000599	22	0.0000264	0.000537
2064 Jun	178	0.46	0.668	0.0118	58.8	0.0607	33.9	0.000938	0.000923	0.00000497	0.00748	0.00243	0.07	0.0242	0.00000597	22	0.0000263	0.000537
2064 Jul	178	0.46	0.668	0.0118	58.9	0.0607	34	0.000939	0.000924	0.00000497	0.00749	0.00244	0.0701	0.0243	0.00000598	22	0.0000263	0.000538
2064 Aug	178	0.46	0.668	0.0118	58.9	0.0608	34	0.00094	0.000925	0.00000498	0.00749	0.00244	0.0701	0.0243	0.00000598	22	0.0000264	0.000538
2064 Sep	178	0.459	0.666	0.0118	58.8	0.0608	34	0.000939	0.000924	0.00000497	0.00749	0.00244	0.0701	0.0243	0.00000598	22	0.0000264	0.000538
2064 Oct	178	0.458	0.666	0.0118	58.7	0.0608	34	0.000939	0.000924	0.00000497	0.00749	0.00244	0.0702	0.0243	0.00000598	22	0.0000264	0.000539
2064 Nov	178	0.459	0.666	0.0118	58.8	0.0608	34	0.000939	0.000925	0.00000498	0.00749	0.00244	0.0702	0.0243	0.00000598	22	0.0000264	0.000539
2064 Dec	178	0.459	0.666	0.0118	58.8	0.0608	34	0.000939	0.000925	0.00000498	0.00749	0.00244	0.0702	0.0243	0.00000598	22	0.0000264	0.000539
2065 Jan	178	0.459	0.666	0.0118	58.8	0.0608	34	0.000939	0.000925	0.00000498	0.00749	0.00244	0.0702	0.0243	0.00000598	22	0.0000264	0.000539
2065 Feb	178	0.459	0.666	0.0118	58.8	0.0608	34	0.000939	0.000925	0.00000498	0.00749	0.00244	0.0702	0.0243	0.00000598	22	0.0000264	0.000539
2065 Mar	178	0.459	0.666	0.0118	58.8	0.0608	34	0.000939	0.000925	0.00000498	0.00749	0.00244	0.0702	0.0243	0.00000598	22	0.0000264	0.000539
2065 Apr	178	0.459	0.666	0.0118	58.8	0.0608	34	0.000939	0.000925	0.00000498	0.0075	0.00244	0.0702	0.0243	0.00000598	22	0.0000264	0.000539
2065 May	178	0.458	0.665	0.0118	58.7	0.0609	34.1	0.000939	0.000925	0.00000498	0.0075	0.00244	0.0703	0.0243	0.00000599	22	0.0000264	0.00054
2065 Jun	177	0.455	0.659	0.0117	58.4	0.0608	34.1	0.000937	0.000922	0.00000496	0.00749	0.00244	0.0702	0.0244	0.00000597	22.1	0.0000264	0.00054
2065 Jul	178	0.455	0.66	0.0117	58.5	0.0609	34.1	0.000939	0.000924	0.00000497	0.0075	0.00245	0.0703	0.0244	0.00000598	22.1	0.0000264	0.000541
2065 Aug	178	0.456	0.661	0.0117	58.6	0.061	34.2	0.00094	0.000925	0.00000498	0.00751	0.00245	0.0705	0.0244	0.00000599	22.1	0.0000265	0.000542
2065 Sep	178	0.454	0.659	0.0117	58.5	0.061	34.2	0.000939	0.000925	0.00000497	0.00751	0.00245	0.0705	0.0244	0.00000599	22.1	0.0000264	0.000542
2065 Oct	177	0.452	0.656	0.0116	58.2	0.0609	34.2	0.000937	0.000923	0.00000496	0.0075	0.00245	0.0704	0.0244	0.00000598	22.1	0.0000264	0.000542
2065 Nov	177	0.452	0.655	0.0116	58.2	0.0609	34.2	0.000937	0.000922	0.00000496	0.0075	0.00245	0.0704	0.0244	0.00000598	22.1	0.0000264	0.000542
2065 Dec	177	0.452	0.655	0.0116	58.2	0.0609	34.2	0.000937	0.000922	0.00000496	0.0075	0.00245	0.0704	0.0244	0.00000598	22.1	0.0000264	0.000542
2066 Jan	177	0.452	0.655	0.0116	58.2	0.0609	34.2	0.000937	0.000922	0.00000496	0.0075	0.00245	0.0704	0.0244	0.00000598	22.1	0.0000264	0.000542
2066 Feb	177	0.452	0.655	0.0116	58.2	0.0609	34.2	0.000937	0.000922	0.00000496	0.0075	0.00245	0.0704	0.0244	0.00000598	22.1	0.0000264	0.000542
2066 Mar	177	0.452	0.655	0.0116	58.2	0.0609	34.2	0.000937	0.000922	0.00000496	0.0075	0.00245	0.0704	0.0244	0.00000598	22.1	0.0000264	0.000542
2066 Apr	177	0.452	0.655	0.0116	58.2	0.0609	34.2	0.000937	0.000923	0.00000496	0.0075	0.00245	0.0704	0.0244	0.00000598	22.1	0.0000264	0.000542
2066 May	178	0.452	0.655	0.0116	58.2	0.061	34.2	0.000937	0.000923	0.00000497	0.0075	0.00245	0.0705	0.0244	0.00000598	22.1	0.0000264	0.000542
2066 Jun	177	0.448	0.649	0.0115	57.8	0.0608	34.1	0.000935	0.00092	0.00000495	0.00749	0.00244	0.0702	0.0244	0.00000597	22.1	0.0000264	0.000541
2066 Jul	177	0.448	0.649	0.0115	57.8	0.0609	34.1	0.000936	0.000922	0.00000496	0.0075	0.00245	0.0703	0.0244	0.00000598	22.1	0.0000264	0.000542
2066 Aug	177	0.449	0.65	0.0115	57.9	0.061	34.2	0.000938	0.000923	0.00000497	0.00751	0.00245	0.0704	0.0245	0.00000598	22.1	0.0000265	0.000543
2066 Sep	177	0.448	0.649	0.0115	57.9	0.061	34.2	0.000938	0.000924	0.00000497	0.00751	0.00245	0.0705	0.0245	0.00000599	22.1	0.0000265	0.000543
2066 Oct	177	0.447	0.648	0.0115	57.8	0.061	34.2	0.000937	0.000923	0.00000497	0.00751	0.00245	0.0705	0.0244	0.00000598	22.1	0.0000265	0.000543
2066 Nov	177	0.447	0.648	0.0115	57.8	0.061	34.2	0.000937	0.000923	0.00000496	0.00751	0.00245	0.0705	0.0244	0.00000598	22.1	0.0000265	0.000543
2066 Dec	177	0.447	0.648	0.0115	57.8	0.061	34.2	0.000937	0.000923	0.00000496	0.00751	0.00245	0.0705	0.0244	0.00000598	22.1	0.0000265	0.000543
2067 Jan	177	0.447	0.648	0.0115	57.8	0.061	34.2	0.000937	0.000923	0.00000496	0.00751	0.00245	0.0705	0.0244	0.00000598	22.1	0.0000265	0.000543
2067 Feb	177	0.447	0.648	0.0115	57.8	0.061	34.2	0.000937	0.000923	0.00000496	0.00751	0.00245	0.0705	0.0244	0.00000598	22.1	0.0000265	0.000543
2067 Mar	177	0.447	0.648	0.0115	57.8	0.061	34.2	0.000937	0.000923	0.00000496	0.00751	0.00245	0.0705	0.0244	0.00000598	22.1	0.0000265	0.000543
2067 Apr	177	0.447	0.648	0.0115	57.8	0.061	34.2	0.000937	0.000923	0.00000497	0.00751	0.00245	0.0705	0.0244	0.00000598	22.1	0.0000265	0.000543
2067 May	177	0.447	0.647	0.0115	57.8	0.061	34.2	0.000938	0.000923	0.00000497	0.00752	0.00245	0.0705	0.0245	0.00000599	22.1	0.0000265	0.000544
2067 Jun	176	0.444	0.643	0.0114	57.5	0.0609	34.2	0.000936	0.000922	0.00000496	0.00751	0.00245	0.0704	0.0245	0.00000598	22.1	0.0000265	0.000544
2067 Jul	177	0.445	0.644	0.0114	57.6	0.061	34.2	0.000938	0.000924	0.00000497	0.00753	0.00245	0.0705	0.0245	0.00000599	22.2	0.0000265	0.000545
2067 Aug	177	0.445	0.644	0.0114	57.7	0.0611	34.3	0.000939	0.000925	0.00000497	0.00753	0.00246	0.0706	0.0246	0.000006	22.2	0.0000265	0.000545
2067 Sep	177	0.445	0.643	0.0114	57.6	0.0611	34.3	0.000939	0.000925	0.00000497	0.00754	0.00246	0.0706	0.0246	0.000006	22.2	0.0000265	0.000546
2067 Oct	177	0.444	0.641	0.0114	57.5	0.0611	34.3	0.000938	0.000924	0.00000497	0.00753	0.00246	0.0706	0.0246	0.00000599	22.2	0.0000265	0.000545
2067 Nov	177	0.443	0.641	0.0114	57.5	0.0611	34.3	0.000938	0.000924	0.00000497	0.00753	0.00246	0.0706	0.0246	0.00000599	22.2	0.0000265	0.000546
2067 Dec	177	0.443	0.641	0.0114	57.5	0.0611	34.3	0.000938	0.000924	0.00000497	0.00753	0.00246	0.0706	0.0246	0.00000599	22.2	0.0000265	0.000546
2068 Jan	177	0.443	0.641	0.0114	57.5	0.0611	34.3	0.000938	0.000924	0.00000497	0.00753	0.00246	0.0706	0.0246	0.00000599	22.2	0.0000265	0.000546
2068 Feb	177	0.443	0.641	0.0114	57.5	0.0611	34.3	0.000938	0.000924	0.00000497	0.00753	0.00246	0.0706	0.0246	0.00000599	22.2	0.0000265	0.000546
2068 Mar	177	0.443	0.641	0.0114	57.5	0.0611	34.3	0.000938	0.000924	0.00000497	0.00753	0.00246	0.0706	0.0246	0.00000599	22.2	0.0000265	0.000546
2068 Apr	177	0.443	0.641	0.0114	57.5	0.0611	34.3	0.000939	0.000924	0.00000497	0.00753	0.00246	0.0706	0.0246	0.00000599	22.2	0.0000265	0.000546
2068 May	177	0.443	0.641	0.0114	57.5	0.0611	34.3	0.000939	0.000925	0.00000497	0.00754	0.00246	0.0707	0.0246	0.000006	22.2	0.0000265	0.000546
2068 Jun	176	0.438	0.632	0.0112	56.9	0.0608	34.2	0.000935	0.000921	0.00000495	0.00751	0.00245	0.0703	0.0246	0.00000597	22.2	0.0000264	0.000545
2068 Jul	176	0.437	0.632	0.0112	57	0.0608	34.2	0.000935	0.000922	0.00000495	0.00751	0.00245	0.0703	0.0246	0.00000597	22.2	0.0000265	0.000545
2068 Aug	176	0.438	0.633	0.0112	57.1	0.061	34.3	0.000937	0.000923	0.00000496	0.00753	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000265	0.000546
2068 Sep	176	0.438	0.632	0.0112	57	0.061	34.3	0.000937	0.000923	0.00000496	0.00753	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000265	0.000547

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2068 Oct	176	0.438	0.632	0.0112	57	0.061	34.3	0.000937	0.000923	0.00000496	0.00753	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000265	0.000547
2068 Nov	176	0.438	0.632	0.0112	57	0.061	34.3	0.000937	0.000923	0.00000496	0.00753	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000265	0.000547
2068 Dec	176	0.438	0.632	0.0112	57	0.061	34.3	0.000937	0.000923	0.00000496	0.00753	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000265	0.000547
2069 Jan	176	0.438	0.632	0.0112	57	0.061	34.3	0.000937	0.000923	0.00000496	0.00753	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000265	0.000547
2069 Feb	176	0.438	0.632	0.0112	57	0.061	34.3	0.000937	0.000923	0.00000496	0.00753	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000265	0.000547
2069 Mar	176	0.438	0.632	0.0112	57	0.061	34.3	0.000937	0.000923	0.00000496	0.00753	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000265	0.000547
2069 Apr	176	0.438	0.632	0.0112	57	0.061	34.3	0.000937	0.000923	0.00000496	0.00753	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000265	0.000547
2069 May	176	0.438	0.632	0.0112	57.1	0.061	34.3	0.000938	0.000924	0.00000497	0.00754	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000266	0.000547
2069 Jun	176	0.435	0.627	0.0111	56.7	0.0609	34.2	0.000937	0.000923	0.00000496	0.00753	0.00246	0.0704	0.0247	0.00000598	22.3	0.0000265	0.000547
2069 Jul	176	0.435	0.627	0.0111	56.8	0.061	34.3	0.000938	0.000924	0.00000497	0.00754	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000266	0.000547
2069 Aug	176	0.435	0.628	0.0112	56.8	0.061	34.3	0.000939	0.000925	0.00000497	0.00755	0.00246	0.0705	0.0247	0.000006	22.3	0.0000266	0.000548
2069 Sep	176	0.434	0.626	0.0111	56.7	0.061	34.3	0.000938	0.000924	0.00000497	0.00754	0.00246	0.0705	0.0247	0.00000599	22.3	0.0000266	0.000547
2069 Oct	175	0.432	0.623	0.0111	56.5	0.0609	34.2	0.000936	0.000923	0.00000496	0.00754	0.00246	0.0704	0.0246	0.00000598	22.3	0.0000265	0.000547
2069 Nov	175	0.432	0.623	0.0111	56.5	0.0609	34.2	0.000936	0.000923	0.00000496	0.00754	0.00246	0.0704	0.0246	0.00000598	22.3	0.0000265	0.000547
2069 Dec	175	0.432	0.623	0.0111	56.5	0.0609	34.2	0.000936	0.000923	0.00000496	0.00754	0.00246	0.0704	0.0246	0.00000598	22.3	0.0000265	0.000547
2070 Jan	175	0.432	0.623	0.0111	56.5	0.0609	34.2	0.000936	0.000923	0.00000496	0.00754	0.00246	0.0704	0.0246	0.00000598	22.3	0.0000265	0.000547
2070 Feb	175	0.432	0.623	0.0111	56.5	0.0609	34.2	0.000936	0.000923	0.00000496	0.00754	0.00246	0.0704	0.0246	0.00000598	22.3	0.0000265	0.000547
2070 Mar	175	0.432	0.623	0.0111	56.5	0.0609	34.2	0.000936	0.000923	0.00000496	0.00754	0.00246	0.0704	0.0246	0.00000598	22.3	0.0000265	0.000547
2070 Apr	175	0.432	0.623	0.0111	56.5	0.0609	34.2	0.000936	0.000923	0.00000496	0.00754	0.00246	0.0704	0.0246	0.00000598	22.3	0.0000265	0.000547
2070 May	175	0.431	0.622	0.0111	56.5	0.0609	34.2	0.000937	0.000923	0.00000496	0.00754	0.00246	0.0704	0.0247	0.00000598	22.3	0.0000265	0.000547
2070 Jun	175	0.429	0.618	0.011	56.2	0.0608	34.1	0.000935	0.000922	0.00000495	0.00753	0.00245	0.0701	0.0247	0.00000597	22.3	0.0000265	0.000546
2070 Jul	175	0.429	0.619	0.011	56.3	0.0609	34.2	0.000937	0.000923	0.00000496	0.00754	0.00246	0.0702	0.0247	0.00000598	22.3	0.0000265	0.000547
2070 Aug	175	0.43	0.619	0.011	56.4	0.0609	34.2	0.000938	0.000924	0.00000497	0.00755	0.00246	0.0703	0.0247	0.00000599	22.3	0.0000266	0.000548
2070 Sep	175	0.429	0.617	0.011	56.3	0.0609	34.2	0.000937	0.000924	0.00000496	0.00755	0.00246	0.0703	0.0247	0.00000599	22.3	0.0000265	0.000547
2070 Oct	175	0.427	0.616	0.011	56.2	0.0609	34.2	0.000937	0.000923	0.00000496	0.00754	0.00245	0.0702	0.0247	0.00000598	22.3	0.0000265	0.000547
2070 Nov	175	0.427	0.615	0.0109	56.2	0.0609	34.2	0.000937	0.000923	0.00000496	0.00754	0.00245	0.0702	0.0247	0.00000598	22.3	0.0000265	0.000547
2070 Dec	175	0.427	0.615	0.0109	56.2	0.0609	34.2	0.000937	0.000923	0.00000496	0.00754	0.00245	0.0702	0.0247	0.00000598	22.3	0.0000265	0.000547
2071 Jan	175	0.427	0.615	0.0109	56.2	0.0609	34.2	0.000937	0.000923	0.00000496	0.00754	0.00245	0.0702	0.0247	0.00000598	22.3	0.0000265	0.000547
2071 Feb	175	0.427	0.615	0.0109	56.2	0.0609	34.2	0.000937	0.000923	0.00000496	0.00754	0.00245	0.0702	0.0247	0.00000598	22.3	0.0000265	0.000547
2071 Mar	175	0.427	0.615	0.0109	56.2	0.0609	34.2	0.000937	0.000923	0.00000496	0.00754	0.00245	0.0702	0.0247	0.00000598	22.3	0.0000265	0.000547
2071 Apr	175	0.427	0.615	0.0109	56.2	0.0609	34.2	0.000937	0.000923	0.00000496	0.00754	0.00245	0.0702	0.0247	0.00000598	22.3	0.0000265	0.000547
2071 May	175	0.427	0.614	0.0109	56.1	0.0608	34.2	0.000936	0.000923	0.00000496	0.00754	0.00245	0.0702	0.0247	0.00000598	22.3	0.0000265	0.000547
2071 Jun	174	0.423	0.609	0.0108	55.7	0.0606	34	0.000934	0.000921	0.00000494	0.00752	0.00245	0.0698	0.0247	0.00000596	22.3	0.0000264	0.000545
2071 Jul	174	0.423	0.609	0.0108	55.8	0.0606	34	0.000935	0.000922	0.00000495	0.00753	0.00245	0.0698	0.0247	0.00000597	22.3	0.0000265	0.000546
2071 Aug	174	0.424	0.609	0.0108	55.9	0.0607	34.1	0.000936	0.000923	0.00000496	0.00754	0.00245	0.0699	0.0248	0.00000597	22.4	0.0000265	0.000547
2071 Sep	174	0.423	0.608	0.0108	55.8	0.0607	34.1	0.000936	0.000923	0.00000495	0.00754	0.00245	0.0699	0.0248	0.00000597	22.3	0.0000265	0.000546
2071 Oct	174	0.422	0.607	0.0108	55.7	0.0606	34	0.000936	0.000922	0.00000495	0.00754	0.00245	0.0698	0.0248	0.00000597	22.3	0.0000265	0.000546
2071 Nov	174	0.422	0.607	0.0108	55.7	0.0606	34	0.000935	0.000922	0.00000495	0.00754	0.00245	0.0698	0.0247	0.00000597	22.3	0.0000265	0.000546
2071 Dec	174	0.422	0.607	0.0108	55.7	0.0606	34	0.000935	0.000922	0.00000495	0.00754	0.00245	0.0698	0.0248	0.00000597	22.3	0.0000265	0.000546
2072 Jan	174	0.422	0.607	0.0108	55.7	0.0606	34	0.000935	0.000922	0.00000495	0.00754	0.00245	0.0698	0.0248	0.00000597	22.3	0.0000265	0.000546
2072 Feb	174	0.422	0.607	0.0108	55.7	0.0606	34	0.000935	0.000922	0.00000495	0.00754	0.00245	0.0698	0.0248	0.00000597	22.3	0.0000265	0.000546
2072 Mar	174	0.422	0.607	0.0108	55.7	0.0606	34	0.000935	0.000922	0.00000495	0.00754	0.00245	0.0698	0.0248	0.00000597	22.3	0.0000265	0.000546
2072 Apr	174	0.422	0.607	0.0108	55.7	0.0606	34	0.000936	0.000922	0.00000495	0.00754	0.00245	0.0698	0.0248	0.00000597	22.3	0.0000265	0.000546
2072 May	174	0.422	0.607	0.0108	55.7	0.0607	34	0.000936	0.000923	0.00000495	0.00754	0.00245	0.0699	0.0248	0.00000597	22.4	0.0000265	0.000546
2072 Jun	173	0.42	0.604	0.0108	55.5	0.0606	34	0.000936	0.000922	0.00000495	0.00754	0.00245	0.0697	0.0247	0.00000597	22.3	0.0000265	0.000545
2072 Jul	173	0.42	0.603	0.0107	55.5	0.0606	34	0.000936	0.000923	0.00000495	0.00754	0.00245	0.0697	0.0247	0.00000597	22.3	0.0000265	0.000545
2072 Aug	173	0.419	0.602	0.0107	55.4	0.0605	33.9	0.000936	0.000923	0.00000495	0.00754	0.00244	0.0696	0.0247	0.00000597	22.3	0.0000265	0.000545
2072 Sep	173	0.418	0.6	0.0107	55.3	0.0605	33.9	0.000936	0.000922	0.00000495	0.00754	0.00244	0.0696	0.0247	0.00000596	22.3	0.0000264	0.000545
2072 Oct	173	0.417	0.598	0.0107	55.2	0.0604	33.8	0.000935	0.000921	0.00000494	0.00753	0.00244	0.0694	0.0247	0.00000595	22.3	0.0000264	0.000544
2072 Nov	172	0.416	0.598	0.0107	55.2	0.0604	33.8	0.000935	0.000921	0.00000494	0.00753	0.00244	0.0694	0.0246	0.00000595	22.2	0.0000264	0.000544
2072 Dec	172	0.416	0.598	0.0107	55.2	0.0604	33.8	0.000935	0.000921	0.00000494	0.00753	0.00244	0.0694	0.0246	0.00000595	22.2	0.0000264	0.000544
2073 Jan	172	0.416	0.598	0.0107	55.2	0.0604	33.8	0.000935	0.000921	0.00000494	0.00753	0.00244	0.0694	0.0246	0.00000595	22.2	0.0000264	0.000544
2073 Feb	172	0.416	0.598	0.0107	55.2	0.0604	33.8	0.000935	0.000921	0.00000494	0.00753	0.00244	0.0694	0.0246	0.00000595	22.2	0.0000264	0.000544
2073 Mar	172	0.416	0.598	0.0107	55.2	0.0604	33.8	0.000935	0.000921	0.00000494	0.00753	0.00244	0.0694	0.0247	0.00000595	22.3	0.0000264	0.000544
2073 Apr	173	0.416	0.598	0.0107	55.2	0.0604	33.8	0.000935	0.000922	0.00000494	0.00753	0.00244	0.0694	0.0247	0.00000596	22.3	0.0000264	0.000544
2073 May	172	0.416	0.597	0.0106	55.1	0.0604	33.8	0.000935	0.000921	0.00000494	0.00753	0.00244	0.0694	0.0247	0.00000595	22.3	0.0000264	0.000544
2073 Jun	172	0.413	0.592	0.0106	54.8	0.0603	33.7	0.000933	0.00092	0.00000493	0.00752	0.00243	0.0692	0.0247	0.00000594	22.3	0.0000263	0.000543
2073 Jul	172	0.413	0.592	0.0106	54.8	0.0603	33.8	0.000934	0.000921	0.00000494	0.00752	0.00244	0.0693	0.0247	0.00000595	22.3	0.0000264	0.000544
2073 Aug	172	0.413	0.592	0.0106	54.9	0.0604	33.8	0.000935	0.000922	0.00000494	0.00753	0.00244	0.0694	0.0247	0.00000595	22.3	0.0000264	0.000544
2073 Sep	172	0.412	0.591	0.0106	54.9	0.0604	33.8	0.000934	0.000921	0.00000494	0.00753	0.00244	0.0693	0.0247	0.00000595	22.3	0.0000264	0.000544
2073 Oct	172	0.411	0.59	0.0105	54.8	0.0603	33.8	0.000934	0.000921	0.00000494	0.00753	0.00244	0.0693	0.0247	0.00000595	22.3	0.0000263	0.000544
2073 Nov	172	0.411	0.589	0.0105	54.7	0.0603	33.8	0.000933	0.00092	0.00000494	0.00752	0.00244	0.0692	0.0247	0.00000595	22.3	0.0000263	0.000544
2073 Dec	172	0.411	0.589	0.0105	54.7	0.0603	33.8	0.000933	0.00092	0.00000494	0.00752	0.00244	0.0692	0.0247	0.00000595	22.3	0.0000263	0.000544
2074 Jan	172	0.411	0.589	0.0105	54.7	0.0603	33.8	0.000933	0.00092	0.00000494	0.00752	0.00244	0.0692	0.0247	0.00000595	22.3	0.0000263	0.000544
2074 Feb	172	0.411	0.589	0.0105	54.7	0.0603	33.8	0.000933	0.00092	0.00000494	0.00752	0.00244	0.0692	0.0247	0.00000595	22.3	0.0000263	0.000544
2074 Mar	172	0.411	0.589	0.0105	54.7	0.0603	33.8	0.000933	0.00092	0.00000494	0.00752	0.00244	0.0693	0.0247	0.00000595	22.3	0.0000263	0.000544
2074 Apr	172	0.411	0.589	0.0105	54.7	0.0603	33.8	0.000934	0.000921	0.00000494	0.00753	0.00244	0.0693	0.0247	0.00000595	22.3	0.0000263	0.000544
2074 May	172	0.41	0.587	0.0105	54.6	0.0603	33.8	0.000933	0.00092	0.00000493	0.00752	0.00244	0.0692	0.0247	0.00000595	22.3	0.0000263	0.000544

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2074 Jun	171	0.406	0.581	0.0104	54.2	0.0601	33.7	0.00093	0.000917	0.00000492	0.0075	0.00243	0.069	0.0248	0.00000593	22.3	0.0000263	0.000543
2074 Jul	171	0.407	0.582	0.0104	54.3	0.0602	33.7	0.000932	0.000919	0.00000493	0.00751	0.00243	0.0691	0.0248	0.00000594	22.3	0.0000263	0.000544
2074 Aug	171	0.407	0.583	0.0104	54.4	0.0603	33.8	0.000933	0.00092	0.00000493	0.00753	0.00244	0.0692	0.0248	0.00000595	22.4	0.0000264	0.000545
2074 Sep	171	0.406	0.582	0.0104	54.4	0.0603	33.8	0.000933	0.00092	0.00000493	0.00752	0.00244	0.0692	0.0248	0.00000594	22.4	0.0000264	0.000545
2074 Oct	171	0.406	0.58	0.0104	54.3	0.0603	33.8	0.000932	0.000919	0.00000493	0.00752	0.00244	0.0692	0.0248	0.00000594	22.4	0.0000263	0.000545
2074 Nov	171	0.405	0.58	0.0104	54.2	0.0603	33.8	0.000932	0.000919	0.00000493	0.00752	0.00244	0.0692	0.0248	0.00000594	22.4	0.0000263	0.000545
2074 Dec	171	0.405	0.58	0.0104	54.2	0.0603	33.8	0.000932	0.000919	0.00000493	0.00752	0.00244	0.0692	0.0248	0.00000594	22.4	0.0000263	0.000545
2075 Jan	171	0.405	0.58	0.0104	54.2	0.0603	33.8	0.000932	0.000919	0.00000493	0.00752	0.00244	0.0692	0.0248	0.00000594	22.4	0.0000263	0.000545
2075 Feb	171	0.405	0.58	0.0104	54.2	0.0603	33.8	0.000932	0.000919	0.00000493	0.00752	0.00244	0.0692	0.0248	0.00000594	22.4	0.0000263	0.000545
2075 Mar	171	0.405	0.58	0.0104	54.2	0.0603	33.8	0.000932	0.000919	0.00000493	0.00752	0.00244	0.0692	0.0248	0.00000594	22.4	0.0000263	0.000545
2075 Apr	171	0.405	0.58	0.0104	54.3	0.0603	33.8	0.000932	0.000919	0.00000493	0.00752	0.00244	0.0692	0.0248	0.00000594	22.4	0.0000263	0.000545
2075 May	171	0.405	0.58	0.0104	54.2	0.0603	33.8	0.000932	0.00092	0.00000493	0.00753	0.00244	0.0692	0.0249	0.00000594	22.4	0.0000264	0.000546
2075 Jun	171	0.402	0.575	0.0103	53.9	0.0602	33.7	0.00093	0.000918	0.00000492	0.00752	0.00243	0.0691	0.0248	0.00000593	22.3	0.0000263	0.000545
2075 Jul	170	0.401	0.574	0.0103	53.8	0.0601	33.7	0.00093	0.000918	0.00000492	0.00752	0.00243	0.0691	0.0248	0.00000593	22.3	0.0000263	0.000545
2075 Aug	171	0.401	0.574	0.0103	53.9	0.0602	33.8	0.000931	0.000918	0.00000492	0.00752	0.00244	0.0691	0.0248	0.00000594	22.3	0.0000264	0.000545
2075 Sep	171	0.401	0.574	0.0103	53.9	0.0602	33.8	0.000931	0.000919	0.00000492	0.00753	0.00244	0.0692	0.0248	0.00000594	22.4	0.0000264	0.000546
2075 Oct	171	0.401	0.573	0.0102	53.8	0.0602	33.8	0.000931	0.000919	0.00000492	0.00753	0.00244	0.0691	0.0248	0.00000594	22.3	0.0000264	0.000546
2075 Nov	171	0.401	0.573	0.0102	53.8	0.0602	33.8	0.000931	0.000919	0.00000492	0.00753	0.00244	0.0691	0.0248	0.00000594	22.3	0.0000264	0.000546
2075 Dec	171	0.401	0.573	0.0102	53.8	0.0602	33.8	0.000931	0.000919	0.00000492	0.00753	0.00244	0.0691	0.0248	0.00000594	22.3	0.0000264	0.000546
2076 Jan	171	0.401	0.573	0.0102	53.8	0.0602	33.8	0.000931	0.000919	0.00000492	0.00753	0.00244	0.0691	0.0248	0.00000594	22.3	0.0000264	0.000546
2076 Feb	171	0.401	0.573	0.0102	53.8	0.0602	33.8	0.000931	0.000919	0.00000492	0.00753	0.00244	0.0691	0.0248	0.00000594	22.3	0.0000264	0.000546
2076 Mar	171	0.401	0.573	0.0102	53.8	0.0602	33.8	0.000931	0.000919	0.00000492	0.00753	0.00244	0.0691	0.0248	0.00000594	22.3	0.0000264	0.000546
2076 Apr	171	0.401	0.573	0.0102	53.8	0.0602	33.8	0.000931	0.000919	0.00000492	0.00753	0.00244	0.0692	0.0248	0.00000594	22.3	0.0000264	0.000546
2076 May	171	0.401	0.573	0.0102	53.8	0.0602	33.8	0.000932	0.000919	0.00000493	0.00753	0.00244	0.0691	0.0248	0.00000594	22.4	0.0000264	0.000546
2076 Jun	170	0.397	0.567	0.0101	53.5	0.06	33.6	0.00093	0.000917	0.00000491	0.00751	0.00243	0.0688	0.0248	0.00000592	22.3	0.0000263	0.000544
2076 Jul	170	0.397	0.567	0.0101	53.5	0.06	33.6	0.000931	0.000918	0.00000492	0.00752	0.00243	0.0689	0.0248	0.00000593	22.4	0.0000263	0.000545
2076 Aug	170	0.398	0.568	0.0102	53.6	0.0601	33.7	0.000932	0.00092	0.00000493	0.00753	0.00244	0.069	0.0249	0.00000594	22.4	0.0000264	0.000546
2076 Sep	170	0.398	0.568	0.0102	53.6	0.0601	33.7	0.000932	0.00092	0.00000493	0.00754	0.00244	0.069	0.0249	0.00000594	22.4	0.0000264	0.000546
2076 Oct	170	0.397	0.567	0.0101	53.5	0.0601	33.7	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0689	0.0249	0.00000594	22.4	0.0000264	0.000546
2076 Nov	170	0.397	0.566	0.0101	53.5	0.0601	33.7	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0689	0.0249	0.00000593	22.4	0.0000264	0.000545
2076 Dec	170	0.397	0.566	0.0101	53.5	0.0601	33.7	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0689	0.0249	0.00000593	22.4	0.0000264	0.000546
2077 Jan	170	0.397	0.566	0.0101	53.5	0.0601	33.7	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0689	0.0249	0.00000593	22.4	0.0000264	0.000546
2077 Feb	170	0.397	0.566	0.0101	53.5	0.0601	33.7	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0689	0.0249	0.00000593	22.4	0.0000264	0.000546
2077 Mar	170	0.397	0.566	0.0101	53.5	0.0601	33.7	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0689	0.0249	0.00000593	22.4	0.0000264	0.000546
2077 Apr	170	0.397	0.567	0.0101	53.5	0.0601	33.7	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0689	0.0249	0.00000594	22.4	0.0000264	0.000546
2077 May	170	0.396	0.566	0.0101	53.5	0.0601	33.7	0.000932	0.00092	0.00000493	0.00753	0.00243	0.0689	0.0249	0.00000594	22.4	0.0000264	0.000546
2077 Jun	169	0.393	0.561	0.01	53.2	0.0598	33.5	0.00093	0.000918	0.00000491	0.00752	0.00243	0.0686	0.0249	0.00000592	22.4	0.0000263	0.000544
2077 Jul	169	0.394	0.562	0.0101	53.3	0.0599	33.6	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0687	0.0249	0.00000593	22.4	0.0000263	0.000545
2077 Aug	170	0.394	0.562	0.0101	53.3	0.06	33.6	0.000933	0.000921	0.00000493	0.00754	0.00244	0.0688	0.025	0.00000594	22.5	0.0000264	0.000546
2077 Sep	169	0.393	0.56	0.01	53.2	0.0599	33.6	0.000932	0.00092	0.00000492	0.00753	0.00243	0.0687	0.0249	0.00000593	22.4	0.0000264	0.000546
2077 Oct	169	0.392	0.56	0.01	53.2	0.0599	33.6	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0687	0.0249	0.00000593	22.4	0.0000263	0.000545
2077 Nov	169	0.392	0.56	0.01	53.2	0.0599	33.6	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0687	0.0249	0.00000593	22.4	0.0000263	0.000545
2077 Dec	169	0.392	0.56	0.01	53.2	0.0599	33.6	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0687	0.0249	0.00000593	22.4	0.0000263	0.000545
2078 Jan	169	0.392	0.56	0.01	53.2	0.0599	33.6	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0687	0.0249	0.00000593	22.4	0.0000263	0.000545
2078 Feb	169	0.392	0.56	0.01	53.2	0.0599	33.6	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0687	0.0249	0.00000593	22.4	0.0000263	0.000545
2078 Mar	169	0.392	0.56	0.01	53.2	0.0599	33.6	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0687	0.0249	0.00000593	22.4	0.0000263	0.000545
2078 Apr	169	0.393	0.56	0.01	53.2	0.06	33.6	0.000932	0.00092	0.00000492	0.00753	0.00243	0.0687	0.0249	0.00000593	22.4	0.0000264	0.000546
2078 May	169	0.391	0.557	0.00998	53	0.0599	33.5	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0686	0.025	0.00000593	22.5	0.0000263	0.000546
2078 Jun	168	0.388	0.552	0.0099	52.7	0.0596	33.4	0.000929	0.000917	0.00000491	0.00751	0.00242	0.0683	0.025	0.00000591	22.5	0.0000263	0.000544
2078 Jul	169	0.388	0.553	0.00991	52.8	0.0597	33.5	0.000931	0.000918	0.00000492	0.00752	0.00243	0.0684	0.025	0.00000592	22.5	0.0000263	0.000545
2078 Aug	169	0.389	0.553	0.00991	52.9	0.0598	33.5	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0685	0.025	0.00000592	22.5	0.0000263	0.000546
2078 Sep	169	0.388	0.553	0.00991	52.9	0.0598	33.5	0.000932	0.00092	0.00000492	0.00753	0.00243	0.0685	0.0251	0.00000593	22.5	0.0000263	0.000546
2078 Oct	169	0.388	0.552	0.0099	52.8	0.0598	33.5	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0684	0.0251	0.00000592	22.5	0.0000263	0.000546
2078 Nov	169	0.388	0.552	0.00989	52.8	0.0598	33.5	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0684	0.0251	0.00000592	22.5	0.0000263	0.000546
2078 Dec	169	0.388	0.552	0.00989	52.8	0.0598	33.5	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0684	0.0251	0.00000592	22.5	0.0000263	0.000546
2079 Jan	169	0.388	0.552	0.00989	52.8	0.0598	33.5	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0684	0.0251	0.00000592	22.5	0.0000263	0.000546
2079 Feb	169	0.388	0.552	0.00989	52.8	0.0598	33.5	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0684	0.0251	0.00000592	22.5	0.0000263	0.000546
2079 Mar	169	0.388	0.552	0.00989	52.8	0.0598	33.5	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0685	0.0251	0.00000592	22.5	0.0000263	0.000546
2079 Apr	169	0.388	0.552	0.00989	52.8	0.0598	33.5	0.000932	0.000919	0.00000492	0.00753	0.00243	0.0685	0.0251	0.00000593	22.5	0.0000263	0.000546
2079 May	169	0.388	0.552	0.0099	52.9	0.0598	33.5	0.000932	0.00092	0.00000492	0.00754	0.00243	0.0685	0.0251	0.00000593	22.5	0.0000263	0.000546
2079 Jun	168	0.384	0.547	0.0098	52.5	0.0596	33.4	0.00093	0.000918	0.00000491	0.00752	0.00242	0.0682	0.025	0.00000591	22.5	0.0000263	0.000545
2079 Jul	168	0.384	0.546	0.00979	52.4	0.0596	33.4	0.00093	0.000918	0.00000491	0.00752	0.00242	0.0681	0.025	0.00000591	22.5	0.0000263	0.000545
2079 Aug	168	0.384	0.546	0.0098	52.5	0.0596	33.4	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0682	0.0251	0.00000592	22.5	0.0000263	0.000545
2079 Sep	168	0.383	0.545	0.00978	52.5	0.0596	33.4	0.000931	0.000919	0.00000492	0.00753	0.00243	0.0682	0.0251	0.00000592	22.5	0.0000263	0.000545
2079 Oct	168	0.383	0.544	0.00977	52.4	0.0596	33.4	0.00093	0.000919	0.00000491	0.00752	0.00242	0.0681	0.025	0.00000591	22.5	0.0000263	0.000545
2079 Nov	168	0.383	0.544	0.00976	52.4	0.0596	33.4	0.00093	0.000918	0.00000491	0.00752	0.00242	0.0681	0.025	0.00000591	22.5	0.0000263	0.000545
2079 Dec	168	0.382	0.544	0.00975	52.3	0.0596	33.4	0.00093	0.000918	0.00000491	0.00752	0.00242	0.0681	0.025	0.00000591	22.5	0.0000263	0.000545
2080 Jan	168	0.382	0.544	0.00975	52.3	0.0596	33.4	0.00093	0.000918	0.00000491	0.00752	0.00242	0.0681	0.025	0.00000591	22.5	0.0000263	0.000545

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2080 Feb	168	0.382	0.544	0.00975	52.3	0.0596	33.4	0.00093	0.000918	0.00000491	0.00752	0.00242	0.0681	0.025	0.00000591	22.5	0.0000263	0.000545
2080 Mar	168	0.382	0.544	0.00975	52.3	0.0596	33.4	0.00093	0.000918	0.00000491	0.00752	0.00242	0.0681	0.025	0.00000591	22.5	0.0000263	0.000545
2080 Apr	168	0.382	0.544	0.00976	52.3	0.0596	33.4	0.00093	0.000918	0.00000491	0.00752	0.00242	0.0681	0.025	0.00000591	22.5	0.0000263	0.000545
2080 May	168	0.383	0.544	0.00976	52.4	0.0596	33.4	0.000931	0.000919	0.00000492	0.00753	0.00242	0.0682	0.025	0.00000592	22.5	0.0000263	0.000545
2080 Jun	167	0.381	0.541	0.00971	52.2	0.0595	33.3	0.00093	0.000918	0.00000491	0.00752	0.00242	0.068	0.025	0.00000591	22.4	0.0000263	0.000544
2080 Jul	167	0.38	0.539	0.00968	52.1	0.0594	33.3	0.00093	0.000918	0.00000491	0.00752	0.00242	0.0679	0.025	0.00000591	22.4	0.0000263	0.000543
2080 Aug	167	0.38	0.539	0.00968	52.1	0.0595	33.3	0.000931	0.000919	0.00000491	0.00753	0.00242	0.0679	0.025	0.00000591	22.4	0.0000263	0.000544
2080 Sep	167	0.379	0.538	0.00967	52	0.0595	33.3	0.00093	0.000919	0.00000491	0.00753	0.00242	0.0679	0.025	0.00000591	22.4	0.0000263	0.000543
2080 Oct	167	0.378	0.538	0.00965	52	0.0594	33.2	0.00093	0.000918	0.00000491	0.00752	0.00242	0.0679	0.0249	0.00000591	22.4	0.0000263	0.000543
2080 Nov	167	0.378	0.537	0.00964	51.9	0.0594	33.2	0.00093	0.000918	0.00000491	0.00752	0.00241	0.0678	0.0249	0.00000591	22.4	0.0000262	0.000543
2080 Dec	167	0.378	0.537	0.00964	51.9	0.0594	33.2	0.00093	0.000918	0.00000491	0.00752	0.00241	0.0678	0.0249	0.00000591	22.4	0.0000262	0.000543
2081 Jan	167	0.378	0.537	0.00964	51.9	0.0594	33.2	0.00093	0.000918	0.00000491	0.00752	0.00241	0.0678	0.0249	0.00000591	22.4	0.0000262	0.000543
2081 Feb	167	0.378	0.537	0.00964	51.9	0.0594	33.2	0.00093	0.000918	0.00000491	0.00752	0.00241	0.0678	0.0249	0.00000591	22.4	0.0000262	0.000543
2081 Mar	167	0.378	0.537	0.00964	51.9	0.0594	33.2	0.00093	0.000918	0.00000491	0.00752	0.00241	0.0678	0.0249	0.00000591	22.4	0.0000262	0.000543
2081 Apr	167	0.378	0.537	0.00965	52	0.0594	33.2	0.00093	0.000918	0.00000491	0.00752	0.00241	0.0678	0.0249	0.00000591	22.4	0.0000262	0.000543
2081 May	167	0.377	0.536	0.00962	51.9	0.0594	33.2	0.00093	0.000918	0.00000491	0.00752	0.00241	0.0678	0.0249	0.00000591	22.4	0.0000262	0.000543
2081 Jun	166	0.375	0.533	0.00957	51.7	0.0592	33.1	0.000929	0.000917	0.0000049	0.00751	0.00241	0.0675	0.0249	0.00000589	22.4	0.0000262	0.000542
2081 Jul	167	0.376	0.534	0.00959	51.8	0.0593	33.2	0.000931	0.000919	0.00000491	0.00753	0.00241	0.0677	0.025	0.00000591	22.4	0.0000262	0.000543
2081 Aug	167	0.377	0.535	0.00961	51.9	0.0595	33.2	0.000932	0.000921	0.00000492	0.00754	0.00242	0.0678	0.025	0.00000592	22.5	0.0000263	0.000544
2081 Sep	167	0.377	0.534	0.0096	51.9	0.0595	33.2	0.000933	0.000921	0.00000492	0.00754	0.00242	0.0678	0.025	0.00000592	22.5	0.0000263	0.000544
2081 Oct	167	0.376	0.534	0.00959	51.9	0.0595	33.2	0.000933	0.000921	0.00000492	0.00754	0.00242	0.0678	0.025	0.00000592	22.5	0.0000263	0.000544
2081 Nov	167	0.376	0.533	0.00958	51.8	0.0594	33.2	0.000932	0.000921	0.00000492	0.00754	0.00242	0.0678	0.025	0.00000592	22.5	0.0000263	0.000544
2081 Dec	167	0.376	0.533	0.00958	51.8	0.0594	33.2	0.000932	0.000921	0.00000492	0.00754	0.00242	0.0678	0.025	0.00000592	22.5	0.0000263	0.000544
2082 Jan	167	0.376	0.533	0.00958	51.8	0.0594	33.2	0.000932	0.000921	0.00000492	0.00754	0.00242	0.0678	0.025	0.00000592	22.5	0.0000263	0.000544
2082 Feb	167	0.376	0.533	0.00958	51.8	0.0594	33.2	0.000932	0.000921	0.00000492	0.00754	0.00242	0.0678	0.025	0.00000592	22.5	0.0000263	0.000544
2082 Mar	167	0.376	0.533	0.00958	51.8	0.0594	33.2	0.000932	0.000921	0.00000492	0.00754	0.00242	0.0678	0.025	0.00000592	22.5	0.0000263	0.000544
2082 Apr	167	0.376	0.533	0.00958	51.8	0.0595	33.2	0.000932	0.000921	0.00000492	0.00754	0.00242	0.0678	0.025	0.00000592	22.5	0.0000263	0.000544
2082 May	167	0.376	0.534	0.00959	51.9	0.0595	33.2	0.000933	0.000921	0.00000492	0.00755	0.00242	0.0678	0.025	0.00000592	22.5	0.0000263	0.000544
2082 Jun	166	0.373	0.528	0.0095	51.5	0.0593	33.1	0.000931	0.000919	0.00000491	0.00753	0.00241	0.0675	0.025	0.0000059	22.4	0.0000262	0.000542
2082 Jul	166	0.371	0.526	0.00946	51.3	0.0591	33	0.00093	0.000919	0.00000491	0.00753	0.00241	0.0674	0.0249	0.0000059	22.4	0.0000262	0.000541
2082 Aug	166	0.371	0.526	0.00947	51.4	0.0592	33.1	0.000931	0.00092	0.00000491	0.00754	0.00241	0.0675	0.0249	0.00000591	22.4	0.0000263	0.000542
2082 Sep	166	0.371	0.526	0.00947	51.4	0.0593	33.1	0.000932	0.00092	0.00000492	0.00754	0.00241	0.0675	0.025	0.00000591	22.4	0.0000263	0.000542
2082 Oct	166	0.37	0.525	0.00944	51.3	0.0592	33	0.000931	0.000919	0.00000491	0.00753	0.00241	0.0674	0.0249	0.0000059	22.4	0.0000262	0.000541
2082 Nov	166	0.37	0.525	0.00944	51.3	0.0592	33	0.000931	0.000919	0.00000491	0.00753	0.00241	0.0674	0.0249	0.0000059	22.4	0.0000262	0.000541
2082 Dec	166	0.37	0.525	0.00944	51.3	0.0592	33	0.000931	0.000919	0.00000491	0.00753	0.00241	0.0674	0.0249	0.0000059	22.4	0.0000262	0.000541
2083 Jan	166	0.37	0.525	0.00944	51.3	0.0592	33	0.000931	0.000919	0.00000491	0.00753	0.00241	0.0674	0.0249	0.0000059	22.4	0.0000262	0.000541
2083 Feb	166	0.37	0.525	0.00944	51.3	0.0592	33	0.000931	0.000919	0.00000491	0.00753	0.00241	0.0674	0.0249	0.0000059	22.4	0.0000262	0.000541
2083 Mar	166	0.37	0.525	0.00944	51.3	0.0592	33	0.000931	0.000919	0.00000491	0.00753	0.00241	0.0674	0.0249	0.0000059	22.4	0.0000262	0.000541
2083 Apr	166	0.37	0.525	0.00944	51.3	0.0592	33	0.000931	0.000919	0.00000491	0.00753	0.00241	0.0674	0.0249	0.0000059	22.4	0.0000262	0.000541
2083 May	166	0.37	0.524	0.00942	51.2	0.0592	33	0.000931	0.000919	0.00000491	0.00753	0.00241	0.0674	0.0249	0.0000059	22.4	0.0000262	0.000542
2083 Jun	165	0.366	0.518	0.00933	50.9	0.0589	32.9	0.000928	0.000917	0.0000049	0.00751	0.0024	0.067	0.0249	0.00000588	22.4	0.0000262	0.00054
2083 Jul	165	0.366	0.518	0.00933	50.9	0.0589	32.9	0.000929	0.000918	0.0000049	0.00752	0.0024	0.0671	0.0249	0.00000589	22.4	0.0000262	0.000541
2083 Aug	165	0.366	0.518	0.00933	50.9	0.059	32.9	0.00093	0.000918	0.0000049	0.00752	0.0024	0.0671	0.025	0.00000589	22.4	0.0000262	0.000541
2083 Sep	165	0.365	0.517	0.00931	50.8	0.0589	32.9	0.000929	0.000918	0.0000049	0.00752	0.0024	0.0671	0.0249	0.00000589	22.4	0.0000262	0.00054
2083 Oct	165	0.364	0.515	0.00928	50.7	0.0589	32.8	0.000928	0.000917	0.0000049	0.00751	0.0024	0.0669	0.0249	0.00000588	22.4	0.0000261	0.00054
2083 Nov	164	0.364	0.514	0.00927	50.7	0.0588	32.8	0.000928	0.000917	0.00000489	0.00751	0.00239	0.0669	0.0249	0.00000588	22.4	0.0000261	0.000539
2083 Dec	164	0.364	0.514	0.00927	50.7	0.0588	32.8	0.000928	0.000917	0.00000489	0.00751	0.00239	0.0669	0.0249	0.00000588	22.4	0.0000261	0.000539
2084 Jan	164	0.364	0.514	0.00927	50.7	0.0588	32.8	0.000928	0.000917	0.00000489	0.00751	0.00239	0.0669	0.0249	0.00000588	22.4	0.0000261	0.000539
2084 Feb	164	0.364	0.514	0.00927	50.7	0.0588	32.8	0.000928	0.000917	0.00000489	0.00751	0.00239	0.0669	0.0249	0.00000588	22.4	0.0000261	0.000539
2084 Mar	164	0.364	0.514	0.00927	50.7	0.0588	32.8	0.000928	0.000917	0.00000489	0.00751	0.00239	0.0669	0.0249	0.00000588	22.4	0.0000261	0.000539
2084 Apr	165	0.364	0.514	0.00927	50.7	0.0589	32.8	0.000928	0.000917	0.00000489	0.00751	0.0024	0.0669	0.0249	0.00000588	22.4	0.0000261	0.00054
2084 May	164	0.363	0.513	0.00925	50.6	0.0588	32.8	0.000928	0.000917	0.00000489	0.00751	0.00239	0.0669	0.0249	0.00000588	22.4	0.0000261	0.00054
2084 Jun	164	0.36	0.509	0.00917	50.3	0.0586	32.7	0.000926	0.000915	0.00000488	0.00749	0.00239	0.0665	0.0249	0.00000586	22.4	0.000026	0.000538
2084 Jul	164	0.36	0.509	0.00918	50.4	0.0586	32.7	0.000927	0.000916	0.00000489	0.0075	0.00239	0.0666	0.025	0.00000587	22.4	0.0000261	0.000539
2084 Aug	164	0.361	0.509	0.00919	50.5	0.0587	32.7	0.000928	0.000917	0.00000489	0.00751	0.00239	0.0667	0.025	0.00000587	22.4	0.0000261	0.000539
2084 Sep	164	0.36	0.509	0.00918	50.4	0.0587	32.7	0.000928	0.000917	0.00000489	0.00751	0.00239	0.0667	0.025	0.00000587	22.4	0.0000261	0.000539
2084 Oct	164	0.359	0.508	0.00915	50.3	0.0587	32.7	0.000927	0.000916	0.00000489	0.0075	0.00239	0.0666	0.025	0.00000587	22.4	0.0000261	0.000539
2084 Nov	164	0.359	0.507	0.00915	50.3	0.0586	32.7	0.000927	0.000916	0.00000489	0.0075	0.00239	0.0666	0.025	0.00000586	22.4	0.0000261	0.000539
2084 Dec	164	0.359	0.507	0.00915	50.3	0.0586	32.7	0.000927	0.000916	0.00000489	0.0075	0.00239	0.0666	0.025	0.00000586	22.4	0.0000261	0.000539
2085 Jan	164	0.359	0.507	0.00915	50.3	0.0586	32.7	0.000927	0.000916	0.00000489	0.0075	0.00239	0.0666	0.025	0.00000586	22.4	0.0000261	0.000539
2085 Feb	164	0.359	0.507	0.00915	50.3	0.0586	32.7	0.000927	0.000916	0.00000489	0.0075	0.00239	0.0666	0.025	0.00000586	22.4	0.0000261	0.000539
2085 Mar	164	0.359	0.507	0.00915	50.3	0.0586	32.7	0.000927	0.000916	0.00000489	0.0075	0.00239	0.0666	0.025	0.00000586	22.4	0.0000261	0.000539
2085 Apr	164	0.359	0.507	0.00915	50.3	0.0586	32.7	0.000927	0.000916	0.00000489	0.0075	0.00239	0.0666	0.025	0.00000587	22.4	0.0000261	0.000539
2085 May	164	0.359	0.506	0.00913	50.3	0.0586	32.7	0.000927	0.000916	0.00000489	0.0075	0.00239	0.0665	0.025	0.00000586	22.4	0.0000261	0.000539
2085 Jun	163	0.357	0.504	0.00909	50.1	0.0585	32.6	0.000926	0.000915	0.00000488	0.00749	0.00239	0.0664	0.025	0.00000586	22.4	0.000026	0.000538
2085 Jul	164	0.358	0.504	0.0091	50.2	0.0586	32.7	0.000928	0.000916	0.00000489	0.00751	0.00239	0.0665	0.025	0.00000587	22.4	0.0000261	0.000539
2085 Aug	164	0.357	0.504	0.00909	50.2	0.0586	32.7	0.000928	0.000917	0.00000489	0.00751	0.00239	0.0665	0.025	0.00000587	22.5	0.0000261	0.000539
2085 Sep	163	0.356	0.502	0.00906	50.1	0.0586	32.6	0.000927	0.000916	0.00000489	0.0075	0.00239	0.0664	0.025	0.00000586	22.4	0.000026	0.000539

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2085 Oct	163	0.355	0.501	0.00904	50	0.0585	32.6	0.000926	0.000915	0.00000488	0.00749	0.00239	0.0663	0.025	0.00000586	22.4	0.000026	0.000538
2085 Nov	163	0.355	0.5	0.00903	50	0.0585	32.6	0.000926	0.000915	0.00000488	0.00749	0.00239	0.0663	0.025	0.00000585	22.4	0.000026	0.000538
2085 Dec	163	0.355	0.5	0.00903	50	0.0585	32.6	0.000926	0.000915	0.00000488	0.00749	0.00239	0.0663	0.025	0.00000585	22.4	0.000026	0.000538
2086 Jan	163	0.355	0.5	0.00903	50	0.0585	32.6	0.000926	0.000915	0.00000488	0.00749	0.00239	0.0663	0.025	0.00000585	22.4	0.000026	0.000538
2086 Feb	163	0.355	0.5	0.00903	50	0.0585	32.6	0.000926	0.000915	0.00000488	0.00749	0.00239	0.0663	0.025	0.00000585	22.4	0.000026	0.000538
2086 Mar	163	0.355	0.5	0.00903	50	0.0585	32.6	0.000926	0.000915	0.00000488	0.00749	0.00239	0.0663	0.025	0.00000585	22.4	0.000026	0.000538
2086 Apr	163	0.355	0.5	0.00903	50	0.0585	32.6	0.000926	0.000915	0.00000488	0.00749	0.00239	0.0663	0.025	0.00000586	22.4	0.000026	0.000538
2086 May	163	0.355	0.5	0.00903	50	0.0585	32.6	0.000926	0.000915	0.00000488	0.0075	0.00239	0.0663	0.025	0.00000586	22.4	0.000026	0.000538
2086 Jun	162	0.352	0.495	0.00895	49.7	0.0583	32.4	0.000924	0.000913	0.00000487	0.00748	0.00238	0.066	0.025	0.00000584	22.4	0.0000259	0.000537
2086 Jul	163	0.352	0.495	0.00895	49.7	0.0583	32.5	0.000925	0.000914	0.00000487	0.00749	0.00238	0.066	0.025	0.00000585	22.4	0.000026	0.000537
2086 Aug	163	0.352	0.495	0.00895	49.7	0.0584	32.5	0.000926	0.000915	0.00000488	0.00749	0.00238	0.0661	0.0251	0.00000585	22.5	0.000026	0.000538
2086 Sep	163	0.351	0.494	0.00893	49.7	0.0584	32.5	0.000926	0.000915	0.00000488	0.00749	0.00238	0.066	0.025	0.00000585	22.4	0.000026	0.000537
2086 Oct	163	0.351	0.494	0.00893	49.7	0.0583	32.5	0.000925	0.000915	0.00000488	0.00749	0.00238	0.066	0.025	0.00000585	22.4	0.000026	0.000537
2086 Nov	163	0.351	0.494	0.00893	49.7	0.0584	32.5	0.000925	0.000915	0.00000488	0.00749	0.00238	0.066	0.025	0.00000585	22.4	0.000026	0.000537
2086 Dec	163	0.351	0.494	0.00893	49.7	0.0584	32.5	0.000925	0.000915	0.00000488	0.00749	0.00238	0.066	0.025	0.00000585	22.4	0.000026	0.000537
2087 Jan	163	0.351	0.494	0.00893	49.7	0.0584	32.5	0.000925	0.000915	0.00000488	0.00749	0.00238	0.066	0.025	0.00000585	22.4	0.000026	0.000537
2087 Feb	163	0.351	0.494	0.00893	49.7	0.0584	32.5	0.000925	0.000915	0.00000488	0.00749	0.00238	0.066	0.025	0.00000585	22.4	0.000026	0.000537
2087 Mar	163	0.351	0.494	0.00893	49.7	0.0584	32.5	0.000926	0.000915	0.00000488	0.00749	0.00238	0.066	0.025	0.00000585	22.4	0.000026	0.000537
2087 Apr	163	0.351	0.494	0.00893	49.7	0.0584	32.5	0.000926	0.000915	0.00000488	0.00749	0.00238	0.066	0.025	0.00000585	22.4	0.000026	0.000537
2087 May	163	0.351	0.493	0.00892	49.6	0.0583	32.5	0.000926	0.000915	0.00000488	0.00749	0.00238	0.066	0.0251	0.00000585	22.5	0.000026	0.000537
2087 Jun	162	0.349	0.49	0.00887	49.4	0.0582	32.4	0.000924	0.000914	0.00000487	0.00748	0.00238	0.0658	0.0251	0.00000584	22.4	0.0000259	0.000537
2087 Jul	162	0.349	0.49	0.00887	49.5	0.0583	32.4	0.000925	0.000915	0.00000488	0.00749	0.00238	0.0659	0.0251	0.00000584	22.5	0.0000259	0.000537
2087 Aug	162	0.349	0.491	0.00888	49.6	0.0583	32.5	0.000927	0.000916	0.00000488	0.0075	0.00238	0.066	0.0251	0.00000585	22.5	0.000026	0.000538
2087 Sep	163	0.349	0.491	0.00888	49.6	0.0584	32.5	0.000927	0.000916	0.00000489	0.0075	0.00238	0.066	0.0251	0.00000586	22.5	0.000026	0.000538
2087 Oct	163	0.349	0.49	0.00887	49.5	0.0584	32.5	0.000927	0.000916	0.00000488	0.0075	0.00238	0.066	0.0251	0.00000585	22.5	0.000026	0.000538
2087 Nov	162	0.349	0.49	0.00886	49.5	0.0583	32.5	0.000927	0.000916	0.00000488	0.0075	0.00238	0.066	0.0251	0.00000585	22.5	0.000026	0.000538
2087 Dec	162	0.349	0.49	0.00886	49.5	0.0583	32.5	0.000927	0.000916	0.00000488	0.0075	0.00238	0.066	0.0251	0.00000585	22.5	0.000026	0.000538
2088 Jan	162	0.349	0.49	0.00886	49.5	0.0583	32.5	0.000927	0.000916	0.00000488	0.0075	0.00238	0.066	0.0251	0.00000585	22.5	0.000026	0.000538
2088 Feb	162	0.349	0.49	0.00886	49.5	0.0583	32.5	0.000927	0.000916	0.00000488	0.0075	0.00238	0.066	0.0251	0.00000585	22.5	0.000026	0.000538
2088 Mar	162	0.349	0.49	0.00886	49.5	0.0584	32.5	0.000927	0.000916	0.00000488	0.0075	0.00238	0.066	0.0251	0.00000585	22.5	0.000026	0.000538
2088 Apr	163	0.349	0.49	0.00887	49.5	0.0584	32.5	0.000927	0.000917	0.00000489	0.0075	0.00238	0.066	0.0251	0.00000586	22.5	0.000026	0.000538
2088 May	163	0.349	0.49	0.00887	49.6	0.0584	32.5	0.000928	0.000917	0.00000489	0.00751	0.00239	0.066	0.0252	0.00000586	22.5	0.000026	0.000539
2088 Jun	162	0.347	0.488	0.00883	49.4	0.0583	32.4	0.000927	0.000917	0.00000488	0.0075	0.00238	0.0659	0.0251	0.00000585	22.5	0.000026	0.000538
2088 Jul	162	0.347	0.488	0.00883	49.4	0.0583	32.4	0.000928	0.000918	0.00000489	0.00751	0.00238	0.0659	0.0252	0.00000586	22.5	0.000026	0.000538
2088 Aug	163	0.348	0.489	0.00884	49.5	0.0585	32.5	0.00093	0.00092	0.0000049	0.00753	0.00239	0.0661	0.0252	0.00000587	22.6	0.0000261	0.000539
2088 Sep	163	0.348	0.489	0.00885	49.5	0.0585	32.5	0.000931	0.00092	0.0000049	0.00753	0.00239	0.0661	0.0252	0.00000588	22.6	0.0000261	0.00054
2088 Oct	163	0.347	0.487	0.00882	49.4	0.0584	32.5	0.00093	0.000919	0.0000049	0.00752	0.00239	0.066	0.0252	0.00000587	22.6	0.000026	0.000539
2088 Nov	162	0.347	0.487	0.00881	49.4	0.0584	32.5	0.00093	0.000919	0.0000049	0.00752	0.00239	0.066	0.0252	0.00000587	22.5	0.000026	0.000539
2088 Dec	162	0.347	0.487	0.00881	49.4	0.0584	32.5	0.00093	0.000919	0.0000049	0.00752	0.00239	0.066	0.0252	0.00000587	22.5	0.000026	0.000539
2089 Jan	162	0.347	0.487	0.00881	49.4	0.0584	32.5	0.00093	0.000919	0.0000049	0.00752	0.00239	0.066	0.0252	0.00000587	22.5	0.000026	0.000539
2089 Feb	162	0.347	0.487	0.00881	49.4	0.0584	32.5	0.00093	0.000919	0.0000049	0.00752	0.00239	0.066	0.0252	0.00000587	22.5	0.000026	0.000539
2089 Mar	162	0.347	0.487	0.00881	49.4	0.0584	32.5	0.00093	0.000919	0.0000049	0.00752	0.00239	0.066	0.0252	0.00000587	22.6	0.000026	0.000539
2089 Apr	162	0.347	0.487	0.00882	49.4	0.0584	32.5	0.00093	0.000919	0.0000049	0.00753	0.00239	0.066	0.0252	0.00000587	22.6	0.000026	0.000539
2089 May	162	0.346	0.486	0.0088	49.4	0.0584	32.5	0.00093	0.00092	0.0000049	0.00753	0.00239	0.066	0.0252	0.00000587	22.6	0.000026	0.000539
2089 Jun	162	0.345	0.484	0.00876	49.2	0.0583	32.4	0.00093	0.000919	0.0000049	0.00752	0.00238	0.0658	0.0252	0.00000586	22.6	0.000026	0.000538
2089 Jul	162	0.345	0.484	0.00877	49.3	0.0584	32.4	0.000931	0.000921	0.0000049	0.00753	0.00239	0.0659	0.0252	0.00000587	22.6	0.0000261	0.000539
2089 Aug	162	0.345	0.484	0.00877	49.3	0.0584	32.5	0.000932	0.000922	0.00000491	0.00754	0.00239	0.0659	0.0253	0.00000588	22.6	0.0000261	0.00054
2089 Sep	162	0.345	0.484	0.00876	49.3	0.0585	32.5	0.000932	0.000922	0.00000491	0.00754	0.00239	0.0659	0.0253	0.00000588	22.6	0.0000261	0.00054
2089 Oct	162	0.344	0.482	0.00873	49.2	0.0584	32.4	0.000931	0.000921	0.0000049	0.00753	0.00239	0.0658	0.0252	0.00000587	22.6	0.000026	0.000539
2089 Nov	162	0.344	0.481	0.00873	49.2	0.0584	32.4	0.000931	0.000921	0.0000049	0.00753	0.00238	0.0658	0.0252	0.00000587	22.6	0.000026	0.000539
2089 Dec	162	0.344	0.481	0.00873	49.2	0.0584	32.4	0.000931	0.000921	0.0000049	0.00753	0.00239	0.0658	0.0252	0.00000587	22.6	0.000026	0.000539
2090 Jan	162	0.344	0.481	0.00873	49.2	0.0584	32.4	0.000931	0.000921	0.0000049	0.00753	0.00239	0.0658	0.0252	0.00000587	22.6	0.000026	0.000539
2090 Feb	162	0.344	0.481	0.00873	49.2	0.0584	32.4	0.000931	0.000921	0.0000049	0.00753	0.00239	0.0658	0.0252	0.00000587	22.6	0.000026	0.000539
2090 Mar	162	0.344	0.481	0.00873	49.2	0.0584	32.4	0.000931	0.000921	0.0000049	0.00753	0.00239	0.0658	0.0252	0.00000587	22.6	0.000026	0.000539
2090 Apr	162	0.344	0.482	0.00873	49.2	0.0584	32.4	0.000931	0.000921	0.0000049	0.00754	0.00239	0.0658	0.0253	0.00000587	22.6	0.000026	0.000539
2090 May	162	0.344	0.482	0.00873	49.2	0.0584	32.4	0.000932	0.000921	0.00000491	0.00754	0.00239	0.0658	0.0253	0.00000587	22.6	0.0000261	0.000539
2090 Jun	161	0.34	0.476	0.00864	48.8	0.0581	32.3	0.000928	0.000918	0.00000489	0.00752	0.00238	0.0655	0.0252	0.00000585	22.6	0.000026	0.000538
2090 Jul	162	0.34	0.476	0.00864	48.9	0.0582	32.3	0.000929	0.000919	0.00000489	0.00752	0.00238	0.0656	0.0253	0.00000586	22.6	0.000026	0.000538
2090 Aug	161	0.339	0.475	0.00862	48.8	0.0582	32.3	0.000929	0.000919	0.00000489	0.00752	0.00238	0.0655	0.0252	0.00000586	22.6	0.000026	0.000538
2090 Sep	161	0.338	0.473	0.00859	48.7	0.0581	32.2	0.000928	0.000917	0.00000488	0.00751	0.00238	0.0654	0.0252	0.00000585	22.6	0.0000259	0.000537
2090 Oct	161	0.337	0.471	0.00855	48.5	0.058	32.2	0.000926	0.000916	0.00000488	0.0075	0.00237	0.0652	0.0252	0.00000584	22.5	0.0000259	0.000536
2090 Nov	161	0.337	0.47	0.00854	48.5	0.058	32.1	0.000926	0.000915	0.00000487	0.00749	0.00237	0.0652	0.0251	0.00000583	22.5	0.0000259	0.000535
2090 Dec	161	0.337	0.47	0.00854	48.5	0.058	32.1	0.000926	0.000915	0.00000487	0.00749	0.00237	0.0652	0.0251	0.00000583	22.5	0.0000259	0.000535
2091 Jan	161	0.337	0.47	0.00854	48.5	0.058	32.1	0.000926	0.000915	0.00000487	0.00749	0.00237	0.0652	0.0251	0.00000583	22.5	0.0000259	0.000535
2091 Feb	161	0.337	0.47	0.00854	48.5	0.058	32.1	0.000926	0.000915	0.00000487	0.00749	0.00237	0.0652	0.0251	0.00000583	22.5	0.0000259	0.000535
2091 Mar	161	0.337	0.47	0.00854	48.5	0.058	32.1	0.000926	0.000915	0.00000487	0.00749	0.00237	0.0652	0.0251	0.00000583	22.5	0.0000259	0.000535
2091 Apr	161	0.337	0.47	0.00854	48.5	0.058	32.1	0.000926	0.000916	0.00000487	0.0075	0.00237	0.0652	0.0252	0.00000583	22.5	0.0000259	0.000536
2091 May	161	0.336	0.47	0.00854	48.5	0.058	32.1	0.000926	0.000916	0.00000488	0.0075	0.00237	0.0652	0.0252	0.00000584	22.5	0.0000259	0.000536

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2091 Jun	160	0.334	0.466	0.00847	48.2	0.0578	32	0.000925	0.000914	0.00000487	0.00748	0.00236	0.0649	0.0252	0.00000582	22.5	0.0000258	0.000534
2091 Jul	160	0.335	0.467	0.00848	48.3	0.0579	32	0.000926	0.000916	0.00000488	0.0075	0.00237	0.065	0.0252	0.00000583	22.5	0.0000258	0.000535
2091 Aug	160	0.334	0.466	0.00847	48.3	0.0579	32	0.000926	0.000916	0.00000488	0.0075	0.00237	0.065	0.0252	0.00000583	22.6	0.0000258	0.000535
2091 Sep	160	0.334	0.465	0.00846	48.2	0.0578	32	0.000926	0.000916	0.00000487	0.00749	0.00237	0.0649	0.0252	0.00000583	22.5	0.0000258	0.000535
2091 Oct	160	0.333	0.464	0.00844	48.2	0.0578	32	0.000925	0.000915	0.00000487	0.00749	0.00236	0.0649	0.0252	0.00000582	22.5	0.0000258	0.000534
2091 Nov	160	0.332	0.463	0.00842	48.1	0.0577	32	0.000925	0.000914	0.00000487	0.00748	0.00236	0.0648	0.0252	0.00000582	22.5	0.0000258	0.000534
2091 Dec	160	0.332	0.463	0.00842	48.1	0.0577	32	0.000925	0.000914	0.00000487	0.00748	0.00236	0.0648	0.0252	0.00000582	22.5	0.0000258	0.000534
2092 Jan	160	0.332	0.463	0.00842	48.1	0.0577	32	0.000925	0.000914	0.00000487	0.00748	0.00236	0.0648	0.0252	0.00000582	22.5	0.0000258	0.000534
2092 Feb	160	0.332	0.463	0.00842	48.1	0.0577	32	0.000925	0.000914	0.00000487	0.00748	0.00236	0.0648	0.0252	0.00000582	22.5	0.0000258	0.000534
2092 Mar	160	0.332	0.463	0.00842	48.1	0.0577	32	0.000925	0.000915	0.00000487	0.00748	0.00236	0.0648	0.0252	0.00000582	22.5	0.0000258	0.000534
2092 Apr	160	0.332	0.463	0.00842	48.1	0.0578	32	0.000925	0.000915	0.00000487	0.00748	0.00236	0.0648	0.0252	0.00000582	22.5	0.0000258	0.000534
2092 May	160	0.332	0.463	0.00841	48.1	0.0577	32	0.000925	0.000915	0.00000487	0.00749	0.00236	0.0648	0.0252	0.00000582	22.5	0.0000258	0.000534
2092 Jun	159	0.328	0.457	0.00831	47.6	0.0574	31.7	0.000921	0.000911	0.00000485	0.00745	0.00235	0.0643	0.0251	0.00000579	22.5	0.0000256	0.000532
2092 Jul	159	0.328	0.456	0.0083	47.6	0.0574	31.7	0.000921	0.000911	0.00000485	0.00745	0.00235	0.0643	0.0251	0.00000579	22.5	0.0000256	0.000532
2092 Aug	159	0.328	0.456	0.00831	47.7	0.0574	31.8	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0644	0.0252	0.0000058	22.5	0.0000257	0.000533
2092 Sep	159	0.328	0.456	0.0083	47.7	0.0574	31.8	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0644	0.0252	0.0000058	22.5	0.0000257	0.000533
2092 Oct	159	0.327	0.455	0.00828	47.6	0.0574	31.8	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0643	0.0252	0.0000058	22.5	0.0000257	0.000532
2092 Nov	159	0.327	0.455	0.00828	47.6	0.0574	31.8	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0643	0.0252	0.0000058	22.5	0.0000257	0.000532
2092 Dec	159	0.327	0.455	0.00828	47.6	0.0574	31.8	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0643	0.0252	0.0000058	22.5	0.0000257	0.000532
2093 Jan	159	0.327	0.455	0.00828	47.6	0.0574	31.8	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0643	0.0252	0.0000058	22.5	0.0000257	0.000532
2093 Feb	159	0.327	0.455	0.00828	47.6	0.0574	31.8	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0643	0.0252	0.0000058	22.5	0.0000257	0.000532
2093 Mar	159	0.327	0.455	0.00828	47.6	0.0574	31.8	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0644	0.0252	0.0000058	22.5	0.0000257	0.000532
2093 Apr	159	0.327	0.455	0.00828	47.6	0.0574	31.8	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0644	0.0252	0.0000058	22.5	0.0000257	0.000532
2093 May	159	0.327	0.455	0.00828	47.6	0.0574	31.8	0.000922	0.000913	0.00000485	0.00746	0.00235	0.0644	0.0252	0.0000058	22.5	0.0000257	0.000533
2093 Jun	158	0.325	0.451	0.00822	47.4	0.0572	31.7	0.00092	0.00091	0.00000484	0.00745	0.00235	0.0641	0.0252	0.00000579	22.5	0.0000256	0.000532
2093 Jul	159	0.325	0.452	0.00823	47.4	0.0573	31.7	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0642	0.0252	0.00000579	22.5	0.0000257	0.000532
2093 Aug	159	0.325	0.452	0.00823	47.5	0.0574	31.8	0.000923	0.000913	0.00000485	0.00747	0.00235	0.0643	0.0253	0.0000058	22.6	0.0000257	0.000533
2093 Sep	159	0.325	0.452	0.00822	47.5	0.0574	31.8	0.000923	0.000913	0.00000485	0.00747	0.00235	0.0643	0.0253	0.0000058	22.6	0.0000257	0.000533
2093 Oct	158	0.324	0.45	0.00819	47.3	0.0573	31.7	0.000921	0.000911	0.00000484	0.00745	0.00235	0.0642	0.0252	0.00000579	22.5	0.0000256	0.000532
2093 Nov	158	0.323	0.449	0.00818	47.3	0.0573	31.7	0.000921	0.000911	0.00000484	0.00745	0.00235	0.0641	0.0252	0.00000579	22.5	0.0000256	0.000532
2093 Dec	158	0.323	0.449	0.00818	47.3	0.0573	31.7	0.000921	0.000911	0.00000484	0.00745	0.00235	0.0641	0.0252	0.00000579	22.5	0.0000256	0.000532
2094 Jan	158	0.323	0.449	0.00818	47.3	0.0573	31.7	0.000921	0.000911	0.00000484	0.00745	0.00235	0.0641	0.0252	0.00000579	22.5	0.0000256	0.000532
2094 Feb	158	0.323	0.449	0.00818	47.3	0.0573	31.7	0.000921	0.000911	0.00000484	0.00745	0.00235	0.0641	0.0252	0.00000579	22.5	0.0000256	0.000532
2094 Mar	158	0.323	0.449	0.00818	47.3	0.0573	31.7	0.000921	0.000911	0.00000484	0.00745	0.00235	0.0641	0.0252	0.00000579	22.5	0.0000256	0.000532
2094 Apr	158	0.323	0.449	0.00818	47.3	0.0573	31.7	0.000921	0.000911	0.00000484	0.00745	0.00235	0.0641	0.0252	0.00000579	22.5	0.0000256	0.000532
2094 May	158	0.323	0.448	0.00816	47.2	0.0572	31.7	0.000921	0.000911	0.00000484	0.00745	0.00235	0.0641	0.0252	0.00000579	22.5	0.0000256	0.000532
2094 Jun	158	0.321	0.446	0.00812	47.1	0.0571	31.6	0.00092	0.00091	0.00000484	0.00744	0.00234	0.0639	0.0252	0.00000578	22.5	0.0000256	0.000531
2094 Jul	158	0.322	0.447	0.00814	47.2	0.0573	31.7	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0641	0.0253	0.00000579	22.6	0.0000256	0.000532
2094 Aug	159	0.322	0.447	0.00816	47.3	0.0574	31.7	0.000924	0.000914	0.00000486	0.00748	0.00235	0.0642	0.0253	0.0000058	22.6	0.0000257	0.000534
2094 Sep	159	0.322	0.447	0.00815	47.3	0.0574	31.7	0.000924	0.000914	0.00000486	0.00748	0.00235	0.0642	0.0253	0.0000058	22.6	0.0000257	0.000534
2094 Oct	158	0.321	0.446	0.00812	47.2	0.0573	31.7	0.000923	0.000913	0.00000485	0.00747	0.00235	0.0641	0.0253	0.0000058	22.6	0.0000257	0.000533
2094 Nov	158	0.321	0.444	0.0081	47.1	0.0573	31.7	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0641	0.0253	0.00000579	22.6	0.0000256	0.000533
2094 Dec	158	0.32	0.444	0.0081	47.1	0.0573	31.7	0.000922	0.000912	0.00000485	0.00746	0.00235	0.064	0.0253	0.00000579	22.6	0.0000256	0.000533
2095 Jan	158	0.32	0.444	0.0081	47.1	0.0573	31.7	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0641	0.0253	0.00000579	22.6	0.0000256	0.000533
2095 Feb	158	0.32	0.444	0.0081	47.1	0.0573	31.7	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0641	0.0253	0.00000579	22.6	0.0000256	0.000533
2095 Mar	158	0.321	0.444	0.0081	47.1	0.0573	31.7	0.000922	0.000912	0.00000485	0.00746	0.00235	0.0641	0.0253	0.00000579	22.6	0.0000256	0.000533
2095 Apr	158	0.321	0.444	0.0081	47.1	0.0573	31.7	0.000922	0.000912	0.00000485	0.00747	0.00235	0.0641	0.0253	0.00000579	22.6	0.0000256	0.000533
2095 May	158	0.32	0.443	0.00809	47.1	0.0573	31.7	0.000922	0.000912	0.00000485	0.00747	0.00235	0.064	0.0253	0.00000579	22.6	0.0000256	0.000533
2095 Jun	158	0.319	0.442	0.00807	47	0.0572	31.6	0.000922	0.000912	0.00000485	0.00747	0.00235	0.064	0.0253	0.00000579	22.6	0.0000256	0.000533
2095 Jul	158	0.32	0.443	0.00808	47.1	0.0574	31.7	0.000924	0.000914	0.00000486	0.00748	0.00235	0.0641	0.0254	0.0000058	22.7	0.0000257	0.000534
2095 Aug	158	0.32	0.443	0.00808	47.1	0.0574	31.7	0.000924	0.000914	0.00000486	0.00748	0.00235	0.0641	0.0254	0.0000058	22.7	0.0000257	0.000534
2095 Sep	158	0.319	0.442	0.00807	47.1	0.0574	31.7	0.000924	0.000914	0.00000486	0.00748	0.00235	0.0641	0.0254	0.0000058	22.7	0.0000257	0.000534
2095 Oct	158	0.319	0.442	0.00806	47.1	0.0574	31.7	0.000924	0.000914	0.00000486	0.00748	0.00235	0.0641	0.0254	0.0000058	22.7	0.0000257	0.000534
2095 Nov	158	0.319	0.441	0.00805	47	0.0573	31.7	0.000923	0.000914	0.00000486	0.00748	0.00235	0.064	0.0254	0.0000058	22.7	0.0000257	0.000534
2095 Dec	158	0.319	0.441	0.00805	47	0.0573	31.7	0.000923	0.000914	0.00000486	0.00748	0.00235	0.064	0.0254	0.0000058	22.7	0.0000257	0.000534
2096 Jan	158	0.319	0.441	0.00805	47	0.0573	31.7	0.000923	0.000914	0.00000486	0.00748	0.00235	0.064	0.0254	0.0000058	22.7	0.0000257	0.000534
2096 Feb	158	0.319	0.441	0.00805	47	0.0573	31.7	0.000923	0.000914	0.00000486	0.00748	0.00235	0.064	0.0254	0.0000058	22.7	0.0000257	0.000534
2096 Mar	158	0.319	0.441	0.00805	47	0.0573	31.7	0.000923	0.000914	0.00000486	0.00748	0.00235	0.064	0.0254	0.0000058	22.7	0.0000257	0.000534
2096 Apr	158	0.319	0.441	0.00805	47	0.0574	31.7	0.000924	0.000914	0.00000486	0.00748	0.00235	0.064	0.0254	0.0000058	22.7	0.0000257	0.000534
2096 May	158	0.318	0.44	0.00804	47	0.0574	31.7	0.000924	0.000914	0.00000486	0.00748	0.00235	0.064	0.0254	0.0000058	22.7	0.0000257	0.000534
2096 Jun	157	0.315	0.435	0.00795	46.6	0.057	31.5	0.00092	0.000911	0.00000484	0.00745	0.00234	0.0637	0.0254	0.00000578	22.6	0.0000256	0.000532
2096 Jul	158	0.315	0.435	0.00795	46.6	0.0571	31.5	0.000921	0.000912	0.00000484	0.00746	0.00235	0.0637	0.0254	0.00000578	22.6	0.0000256	0.000532
2096 Aug	158	0.315	0.436	0.00796	46.7	0.0572	31.6	0.000923	0.000913	0.00000485	0.00747	0.00235	0.0638	0.0254	0.00000579	22.7	0.0000256	0.000533
2096 Sep	158	0.315	0.435	0.00795	46.7	0.0572	31.6	0.000922	0.000913	0.00000485	0.00747	0.00235	0.0638	0.0254	0.00000579	22.7	0.0000256	0.000533
2096 Oct	157	0.314	0.433	0.00792	46.6	0.0571	31.5	0.000921	0.000912	0.00000484	0.00746	0.00234	0.0637	0.0254	0.00000578	22.6	0.0000256	0.000532
2096 Nov	157	0.314	0.433	0.00792	46.5	0.0571	31.5	0.000921	0.000912	0.00000484	0.00746	0.00234	0.0636	0.0254	0.00000578	22.6	0.0000256	0.000532
2096 Dec	157	0.314	0.433	0.00792	46.5	0.0571	31.5	0.000921	0.000912	0.00000484	0.00746	0.00234	0.0636	0.0254	0.00000578	22.6	0.0000256	0.000532
2097 Jan	157	0.314	0.433	0.00792	46.5	0.0571	31.5	0.000921	0.000912	0.00000484	0.00746	0.00234	0.0636	0.0254	0.00000578	22.6	0.0000256	0.000532
2097 Feb	157	0.314	0.433	0.00792	46.5	0.0571	31.5	0.000921	0.000912	0.00000484	0.00746	0.00234	0.0636	0.0254	0.00000578	22.6	0.0000256	0.000532
2097 Mar	157	0.314	0.433	0.00792	46.5	0.0571	31.5	0.000921	0.000912	0.00000484	0.00746	0.00234	0.0637	0.0254	0.00000578	22.6	0.0000256	0.000532
2097 Apr	157	0.314	0.433	0.00792	46.6	0.0571	31.5	0.000921	0.000912	0.00000484	0.00746	0.00234	0.0637	0.0254	0.00000578	22.6	0.0000256	0.000532
2097 May	157	0.314	0.433	0.00792	46.6	0.0571	31.5	0.000922	0.000912	0.00000485	0.00747	0.00235	0.0637	0.0254	0.00000578	22.7	0.0000256	0.000532

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2097 Jun	157	0.312	0.431	0.00788	46.4	0.057	31.5	0.000921	0.000912	0.00000484	0.00746	0.00234	0.0635	0.0254	0.00000578	22.7	0.0000256	0.000532
2097 Jul	157	0.313	0.432	0.00789	46.5	0.0571	31.5	0.000923	0.000914	0.00000485	0.00748	0.00235	0.0636	0.0254	0.00000579	22.7	0.0000256	0.000533
2097 Aug	158	0.313	0.432	0.0079	46.6	0.0572	31.6	0.000924	0.000915	0.00000486	0.00748	0.00235	0.0637	0.0255	0.0000058	22.7	0.0000256	0.000533
2097 Sep	158	0.313	0.432	0.0079	46.6	0.0572	31.6	0.000925	0.000915	0.00000486	0.00749	0.00235	0.0637	0.0255	0.0000058	22.7	0.0000257	0.000534
2097 Oct	158	0.313	0.432	0.00789	46.6	0.0572	31.6	0.000924	0.000915	0.00000486	0.00749	0.00235	0.0637	0.0255	0.0000058	22.7	0.0000257	0.000533
2097 Nov	158	0.313	0.431	0.00789	46.6	0.0572	31.6	0.000924	0.000915	0.00000486	0.00749	0.00235	0.0637	0.0255	0.0000058	22.7	0.0000256	0.000533
2097 Dec	158	0.313	0.431	0.00789	46.6	0.0572	31.6	0.000924	0.000915	0.00000486	0.00749	0.00235	0.0637	0.0255	0.0000058	22.7	0.0000256	0.000533
2098 Jan	158	0.313	0.431	0.00789	46.6	0.0572	31.6	0.000924	0.000915	0.00000486	0.00749	0.00235	0.0637	0.0255	0.0000058	22.7	0.0000256	0.000533
2098 Feb	158	0.313	0.431	0.00789	46.6	0.0572	31.6	0.000924	0.000915	0.00000486	0.00749	0.00235	0.0637	0.0255	0.0000058	22.7	0.0000256	0.000533
2098 Mar	158	0.313	0.431	0.00789	46.6	0.0572	31.6	0.000924	0.000915	0.00000486	0.00749	0.00235	0.0637	0.0255	0.0000058	22.7	0.0000256	0.000533
2098 Apr	158	0.313	0.431	0.00789	46.6	0.0572	31.6	0.000924	0.000915	0.00000486	0.00749	0.00235	0.0637	0.0255	0.0000058	22.7	0.0000256	0.000533
2098 May	158	0.312	0.43	0.00787	46.5	0.0571	31.5	0.000925	0.000915	0.00000486	0.00749	0.00235	0.0636	0.0255	0.0000058	22.8	0.0000256	0.000533
2098 Jun	157	0.309	0.425	0.00779	46.2	0.0568	31.3	0.000922	0.000913	0.00000484	0.00746	0.00234	0.0632	0.0255	0.00000577	22.7	0.0000255	0.000531
2098 Jul	157	0.31	0.426	0.0078	46.3	0.0569	31.4	0.000924	0.000914	0.00000485	0.00747	0.00234	0.0633	0.0256	0.00000578	22.8	0.0000256	0.000532
2098 Aug	157	0.31	0.426	0.0078	46.3	0.0569	31.4	0.000924	0.000915	0.00000485	0.00748	0.00234	0.0633	0.0256	0.00000579	22.8	0.0000256	0.000532
2098 Sep	157	0.308	0.424	0.00777	46.2	0.0568	31.3	0.000923	0.000914	0.00000485	0.00747	0.00234	0.0632	0.0255	0.00000578	22.8	0.0000256	0.000532
2098 Oct	156	0.307	0.422	0.00774	46.1	0.0567	31.3	0.000922	0.000912	0.00000484	0.00746	0.00234	0.063	0.0255	0.00000577	22.7	0.0000255	0.00053
2098 Nov	156	0.307	0.422	0.00773	46	0.0567	31.2	0.000921	0.000912	0.00000484	0.00746	0.00233	0.063	0.0255	0.00000577	22.7	0.0000255	0.00053
2098 Dec	156	0.307	0.422	0.00773	46	0.0567	31.2	0.000921	0.000912	0.00000484	0.00746	0.00233	0.063	0.0255	0.00000577	22.7	0.0000255	0.00053
2099 Jan	156	0.307	0.422	0.00773	46	0.0567	31.2	0.000921	0.000912	0.00000484	0.00746	0.00233	0.063	0.0255	0.00000577	22.7	0.0000255	0.00053
2099 Feb	156	0.307	0.422	0.00773	46	0.0567	31.2	0.000921	0.000912	0.00000484	0.00746	0.00233	0.063	0.0255	0.00000577	22.7	0.0000255	0.00053
2099 Mar	156	0.307	0.422	0.00773	46	0.0567	31.2	0.000921	0.000912	0.00000484	0.00746	0.00233	0.063	0.0255	0.00000577	22.7	0.0000255	0.00053
2099 Apr	156	0.307	0.422	0.00773	46.1	0.0567	31.2	0.000922	0.000912	0.00000484	0.00746	0.00233	0.063	0.0255	0.00000577	22.7	0.0000255	0.00053
2099 May	156	0.306	0.419	0.00769	45.9	0.0566	31.1	0.00092	0.000911	0.00000483	0.00745	0.00233	0.0627	0.0255	0.00000576	22.8	0.0000254	0.00053
2099 Jun	156	0.304	0.418	0.00766	45.8	0.0564	31.1	0.000919	0.00091	0.00000483	0.00744	0.00233	0.0626	0.0255	0.00000575	22.8	0.0000254	0.000529
2099 Jul	156	0.305	0.418	0.00767	45.9	0.0565	31.1	0.000921	0.000912	0.00000484	0.00745	0.00233	0.0627	0.0256	0.00000576	22.8	0.0000254	0.00053
2099 Aug	156	0.305	0.419	0.00768	46	0.0566	31.2	0.000923	0.000914	0.00000485	0.00746	0.00234	0.0628	0.0256	0.00000577	22.8	0.0000255	0.000531
2099 Sep	156	0.305	0.418	0.00767	45.9	0.0566	31.2	0.000922	0.000913	0.00000484	0.00746	0.00233	0.0627	0.0256	0.00000577	22.8	0.0000255	0.00053
2099 Oct	156	0.304	0.417	0.00765	45.9	0.0566	31.1	0.000921	0.000912	0.00000484	0.00745	0.00233	0.0627	0.0256	0.00000576	22.8	0.0000254	0.00053
2099 Nov	156	0.304	0.416	0.00763	45.8	0.0565	31.1	0.000921	0.000912	0.00000484	0.00745	0.00233	0.0626	0.0256	0.00000576	22.8	0.0000254	0.000529
2099 Dec	156	0.304	0.416	0.00763	45.8	0.0565	31.1	0.000921	0.000912	0.00000484	0.00745	0.00233	0.0626	0.0256	0.00000576	22.8	0.0000254	0.000529
2100 Jan	156	0.304	0.416	0.00763	45.8	0.0565	31.1	0.000921	0.000912	0.00000484	0.00745	0.00233	0.0626	0.0256	0.00000576	22.8	0.0000254	0.000529
2100 Feb	156	0.304	0.416	0.00763	45.8	0.0565	31.1	0.000921	0.000912	0.00000484	0.00745	0.00233	0.0626	0.0256	0.00000576	22.8	0.0000254	0.000529
2100 Mar	156	0.304	0.416	0.00763	45.8	0.0565	31.1	0.000921	0.000912	0.00000484	0.00745	0.00233	0.0626	0.0256	0.00000576	22.8	0.0000254	0.000529
2100 Apr	156	0.304	0.416	0.00764	45.8	0.0565	31.1	0.000921	0.000912	0.00000484	0.00745	0.00233	0.0626	0.0256	0.00000576	22.8	0.0000254	0.00053
2100 May	156	0.303	0.415	0.00762	45.7	0.0565	31.1	0.000921	0.000912	0.00000484	0.00745	0.00233	0.0625	0.0256	0.00000576	22.8	0.0000254	0.000529
2100 Jun	155	0.301	0.411	0.00755	45.5	0.0562	30.9	0.000918	0.000909	0.00000482	0.00742	0.00232	0.0621	0.0256	0.00000573	22.8	0.0000253	0.000528
2100 Jul	155	0.3	0.411	0.00755	45.5	0.0562	30.9	0.000919	0.00091	0.00000482	0.00743	0.00232	0.0622	0.0256	0.00000574	22.8	0.0000253	0.000528
2100 Aug	155	0.3	0.41	0.00754	45.5	0.0562	30.9	0.000919	0.00091	0.00000482	0.00742	0.00232	0.0621	0.0256	0.00000574	22.8	0.0000253	0.000528
2100 Sep	155	0.3	0.41	0.00753	45.5	0.0562	30.9	0.000919	0.00091	0.00000482	0.00742	0.00232	0.0621	0.0256	0.00000573	22.8	0.0000253	0.000527
2100 Oct	155	0.299	0.409	0.00752	45.4	0.0562	30.9	0.000919	0.00091	0.00000482	0.00742	0.00232	0.0621	0.0256	0.00000573	22.8	0.0000253	0.000527
2100 Nov	155	0.299	0.409	0.00752	45.4	0.0562	30.9	0.000919	0.00091	0.00000482	0.00742	0.00232	0.0621	0.0256	0.00000573	22.8	0.0000253	0.000527
2100 Dec	155	0.299	0.409	0.00752	45.5	0.0562	30.9	0.000919	0.00091	0.00000482	0.00742	0.00232	0.0621	0.0256	0.00000573	22.8	0.0000253	0.000527
2101 Jan	155	0.299	0.409	0.00752	45.4	0.0562	30.9	0.000919	0.00091	0.00000482	0.00742	0.00232	0.0621	0.0256	0.00000573	22.8	0.0000253	0.000527
2101 Feb	155	0.299	0.409	0.00752	45.4	0.0562	30.9	0.000919	0.00091	0.00000482	0.00742	0.00232	0.0621	0.0256	0.00000573	22.8	0.0000253	0.000527
2101 Mar	155	0.299	0.409	0.00752	45.4	0.0562	30.9	0.000919	0.00091	0.00000482	0.00742	0.00232	0.0621	0.0256	0.00000573	22.8	0.0000253	0.000527
2101 Apr	155	0.299	0.41	0.00752	45.5	0.0562	30.9	0.000919	0.00091	0.00000482	0.00742	0.00232	0.0621	0.0256	0.00000574	22.8	0.0000253	0.000527
2101 May	155	0.299	0.409	0.00751	45.4	0.0561	30.8	0.000919	0.00091	0.00000482	0.00742	0.00232	0.062	0.0256	0.00000573	22.8	0.0000253	0.000527
2101 Jun	155	0.297	0.406	0.00746	45.2	0.0559	30.7	0.000917	0.000908	0.00000481	0.00741	0.00231	0.0618	0.0256	0.00000572	22.8	0.0000252	0.000526
2101 Jul	155	0.298	0.407	0.00747	45.3	0.0561	30.8	0.000919	0.00091	0.00000482	0.00742	0.00232	0.0619	0.0257	0.00000573	22.8	0.0000253	0.000527
2101 Aug	155	0.298	0.407	0.00749	45.4	0.0562	30.9	0.00092	0.000912	0.00000483	0.00743	0.00232	0.062	0.0257	0.00000574	22.9	0.0000253	0.000528
2101 Sep	155	0.298	0.407	0.00747	45.4	0.0561	30.8	0.00092	0.000911	0.00000483	0.00743	0.00232	0.062	0.0257	0.00000574	22.9	0.0000253	0.000528
2101 Oct	155	0.297	0.406	0.00747	45.3	0.0561	30.8	0.00092	0.000911	0.00000483	0.00743	0.00232	0.0619	0.0257	0.00000574	22.9	0.0000253	0.000528
2101 Nov	155	0.297	0.405	0.00745	45.3	0.0561	30.8	0.000919	0.000911	0.00000482	0.00743	0.00232	0.0619	0.0257	0.00000573	22.9	0.0000253	0.000527
2101 Dec	155	0.297	0.405	0.00745	45.3	0.0561	30.8	0.000919	0.000911	0.00000482	0.00743	0.00232	0.0619	0.0257	0.00000573	22.9	0.0000253	0.000527
2102 Jan	155	0.297	0.405	0.00745	45.3	0.0561	30.8	0.000919	0.000911	0.00000482	0.00743	0.00232	0.0619	0.0257	0.00000573	22.9	0.0000253	0.000527
2102 Feb	155	0.297	0.405	0.00745	45.3	0.0561	30.8	0.000919	0.000911	0.00000482	0.00743	0.00232	0.0619	0.0257	0.00000573	22.9	0.0000253	0.000527
2102 Mar	155	0.297	0.405	0.00745	45.3	0.0561	30.8	0.000919	0.000911	0.00000482	0.00743	0.00232	0.0619	0.0257	0.00000573	22.9	0.0000253	0.000527
2102 Apr	155	0.297	0.405	0.00745	45.3	0.0561	30.8	0.000919	0.000911	0.00000483	0.00743	0.00232	0.0619	0.0257	0.00000573	22.9	0.0000253	0.000527
2102 May	155	0.297	0.406	0.00746	45.3	0.0561	30.8	0.00092	0.000911	0.00000483	0.00743	0.00232	0.0619	0.0257	0.00000574	22.9	0.0000253	0.000527
2102 Jun	154	0.295	0.402	0.0074	45	0.0559	30.7	0.000918	0.000909	0.00000482	0.00741	0.00231	0.0616	0.0256	0.00000572	22.8	0.0000252	0.000525
2102 Jul	154	0.294	0.401	0.00737	44.9	0.0558	30.6	0.000918	0.000909	0.00000482	0.00741	0.00231	0.0615	0.0256	0.00000572	22.8	0.0000252	0.000525
2102 Aug	154	0.294	0.401	0.00738	45	0.0559	30.6	0.000919	0.00091	0.00000482	0.00742	0.00231	0.0616	0.0256	0.00000572	22.8	0.0000252	0.000525
2102 Sep	154	0.294	0.401	0.00738	45	0.0559	30.6	0.000919	0.00091	0.00000482	0.00742	0.00231	0.0616	0.0256	0.00000573	22.8	0.0000252	0.000525
2102 Oct	154	0.293	0.399	0.00736	44.9	0.0558	30.6	0.000918	0.000909	0.00000482	0.00741	0.0023	0.0614	0.0256	0.00000572	22.7	0.0000252	0.000524
2102 Nov	154	0.293	0.399	0.00736	44.9	0.0558	30.6	0.000918	0.00091	0.00000482	0.00742	0.0023	0.0614	0.0256	0.00000572	22.7	0.0000252	0.000524
2102 Dec	154	0.293	0.399	0.00736	44.9	0.0558	30.6	0.000918	0.00091	0.00000482	0.00742	0.0023	0.0614	0.0256	0.00000572	22.7	0.0000252	0.000524
2103 Jan	154	0.293	0.399	0.00736	44.9	0.0558	30.6	0.000918	0.00091	0.00000482	0.00742	0.0023	0.0614	0.0256	0.00000572	22.7	0.0000252	0.000524

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2103 Feb	154	0.293	0.399	0.00736	44.9	0.0558	30.6	0.000918	0.00091	0.00000482	0.00742	0.0023	0.0614	0.0256	0.00000572	22.7	0.0000252	0.000524
2103 Mar	154	0.293	0.399	0.00736	44.9	0.0558	30.6	0.000918	0.00091	0.00000482	0.00742	0.0023	0.0615	0.0256	0.00000572	22.7	0.0000252	0.000524
2103 Apr	154	0.293	0.399	0.00736	44.9	0.0558	30.6	0.000918	0.00091	0.00000482	0.00742	0.00231	0.0615	0.0256	0.00000572	22.7	0.0000252	0.000524
2103 May	154	0.292	0.399	0.00734	44.8	0.0558	30.6	0.000918	0.00091	0.00000482	0.00742	0.0023	0.0614	0.0256	0.00000572	22.7	0.0000252	0.000524
2103 Jun	153	0.29	0.395	0.00727	44.6	0.0555	30.4	0.000916	0.000907	0.0000048	0.00739	0.00229	0.061	0.0255	0.0000057	22.7	0.0000251	0.000522
2103 Jul	153	0.29	0.394	0.00727	44.6	0.0555	30.4	0.000916	0.000908	0.00000481	0.0074	0.0023	0.061	0.0255	0.0000057	22.7	0.0000251	0.000522
2103 Aug	153	0.289	0.394	0.00726	44.5	0.0555	30.4	0.000917	0.000908	0.00000481	0.00739	0.00229	0.061	0.0255	0.0000057	22.7	0.0000251	0.000522
2103 Sep	153	0.288	0.392	0.00724	44.5	0.0554	30.3	0.000916	0.000907	0.0000048	0.00739	0.00229	0.0609	0.0255	0.0000057	22.7	0.0000251	0.000521
2103 Oct	152	0.287	0.391	0.00721	44.3	0.0553	30.2	0.000914	0.000906	0.00000479	0.00738	0.00229	0.0607	0.0255	0.00000568	22.6	0.000025	0.00052
2103 Nov	152	0.287	0.39	0.0072	44.3	0.0553	30.2	0.000914	0.000906	0.00000479	0.00737	0.00228	0.0607	0.0254	0.00000568	22.6	0.000025	0.00052
2103 Dec	152	0.287	0.39	0.0072	44.3	0.0553	30.2	0.000914	0.000906	0.00000479	0.00737	0.00228	0.0607	0.0254	0.00000568	22.6	0.000025	0.00052
2104 Jan	152	0.287	0.39	0.0072	44.3	0.0553	30.2	0.000914	0.000906	0.00000479	0.00737	0.00228	0.0607	0.0254	0.00000568	22.6	0.000025	0.00052
2104 Feb	152	0.287	0.39	0.0072	44.3	0.0553	30.2	0.000914	0.000906	0.00000479	0.00737	0.00228	0.0607	0.0254	0.00000568	22.6	0.000025	0.00052
2104 Mar	152	0.287	0.39	0.0072	44.3	0.0553	30.2	0.000914	0.000906	0.00000479	0.00738	0.00228	0.0607	0.0254	0.00000568	22.6	0.000025	0.00052
2104 Apr	152	0.287	0.39	0.0072	44.3	0.0553	30.2	0.000914	0.000906	0.00000479	0.00738	0.00229	0.0607	0.0254	0.00000568	22.6	0.000025	0.00052
2104 May	152	0.287	0.389	0.00718	44.2	0.0552	30.2	0.000914	0.000906	0.00000479	0.00738	0.00228	0.0606	0.0255	0.00000568	22.6	0.000025	0.000519
2104 Jun	152	0.284	0.386	0.00713	44	0.055	30	0.000912	0.000904	0.00000478	0.00735	0.00228	0.0602	0.0254	0.00000566	22.6	0.0000249	0.000518
2104 Jul	152	0.285	0.386	0.00713	44.1	0.055	30.1	0.000913	0.000905	0.00000479	0.00736	0.00228	0.0603	0.0255	0.00000567	22.6	0.0000249	0.000518
2104 Aug	152	0.285	0.386	0.00713	44.1	0.0551	30.1	0.000914	0.000905	0.00000479	0.00737	0.00228	0.0603	0.0255	0.00000567	22.6	0.000025	0.000518
2104 Sep	152	0.284	0.385	0.00712	44.1	0.055	30	0.000913	0.000905	0.00000479	0.00736	0.00228	0.0603	0.0255	0.00000567	22.6	0.0000249	0.000518
2104 Oct	151	0.283	0.384	0.0071	44	0.055	30	0.000913	0.000904	0.00000478	0.00736	0.00227	0.0602	0.0254	0.00000566	22.6	0.0000249	0.000517
2104 Nov	151	0.283	0.384	0.0071	44	0.055	30	0.000912	0.000904	0.00000478	0.00735	0.00227	0.0601	0.0254	0.00000566	22.6	0.0000249	0.000517
2104 Dec	151	0.283	0.384	0.0071	44	0.055	30	0.000912	0.000904	0.00000478	0.00735	0.00227	0.0601	0.0254	0.00000566	22.6	0.0000249	0.000517
2105 Jan	151	0.283	0.384	0.0071	44	0.055	30	0.000912	0.000904	0.00000478	0.00735	0.00227	0.0601	0.0254	0.00000566	22.6	0.0000249	0.000517
2105 Feb	151	0.283	0.384	0.0071	44	0.055	30	0.000912	0.000904	0.00000478	0.00735	0.00227	0.0601	0.0254	0.00000566	22.6	0.0000249	0.000517
2105 Mar	151	0.283	0.384	0.0071	44	0.055	30	0.000912	0.000904	0.00000478	0.00735	0.00227	0.0601	0.0254	0.00000566	22.6	0.0000249	0.000517
2105 Apr	151	0.283	0.384	0.0071	44	0.055	30	0.000913	0.000904	0.00000478	0.00736	0.00227	0.0602	0.0254	0.00000566	22.6	0.0000249	0.000517
2105 May	151	0.283	0.383	0.00708	43.9	0.0549	30	0.000913	0.000904	0.00000478	0.00735	0.00227	0.0601	0.0254	0.00000566	22.6	0.0000249	0.000517
2105 Jun	151	0.282	0.382	0.00706	43.8	0.0548	29.9	0.000912	0.000904	0.00000478	0.00735	0.00227	0.0599	0.0255	0.00000566	22.6	0.0000249	0.000516
2105 Jul	151	0.282	0.382	0.00706	43.9	0.0549	29.9	0.000913	0.000905	0.00000479	0.00736	0.00227	0.06	0.0255	0.00000566	22.7	0.0000249	0.000517
2105 Aug	151	0.281	0.381	0.00705	43.9	0.0549	29.9	0.000913	0.000905	0.00000478	0.00735	0.00227	0.0599	0.0255	0.00000566	22.6	0.0000249	0.000516
2105 Sep	151	0.28	0.379	0.00701	43.7	0.0548	29.8	0.000912	0.000903	0.00000478	0.00734	0.00227	0.0598	0.0254	0.00000565	22.6	0.0000248	0.000515
2105 Oct	150	0.279	0.378	0.00699	43.6	0.0547	29.8	0.00091	0.000902	0.00000477	0.00733	0.00226	0.0597	0.0254	0.00000564	22.6	0.0000248	0.000514
2105 Nov	150	0.279	0.377	0.00698	43.6	0.0547	29.7	0.00091	0.000902	0.00000477	0.00733	0.00226	0.0596	0.0254	0.00000564	22.6	0.0000247	0.000514
2105 Dec	150	0.279	0.377	0.00698	43.6	0.0547	29.7	0.00091	0.000902	0.00000477	0.00733	0.00226	0.0596	0.0254	0.00000564	22.6	0.0000247	0.000514
2106 Jan	150	0.279	0.377	0.00698	43.6	0.0547	29.7	0.00091	0.000902	0.00000477	0.00733	0.00226	0.0596	0.0254	0.00000564	22.6	0.0000247	0.000514
2106 Feb	150	0.279	0.377	0.00698	43.6	0.0547	29.7	0.00091	0.000902	0.00000477	0.00733	0.00226	0.0596	0.0254	0.00000564	22.6	0.0000247	0.000514
2106 Mar	150	0.279	0.377	0.00698	43.6	0.0547	29.7	0.00091	0.000902	0.00000477	0.00733	0.00226	0.0596	0.0254	0.00000564	22.6	0.0000247	0.000514
2106 Apr	150	0.279	0.377	0.00698	43.6	0.0547	29.8	0.00091	0.000902	0.00000477	0.00733	0.00226	0.0596	0.0254	0.00000564	22.6	0.0000247	0.000514
2106 May	150	0.279	0.377	0.00698	43.6	0.0547	29.8	0.00091	0.000902	0.00000477	0.00733	0.00226	0.0596	0.0254	0.00000564	22.6	0.0000247	0.000514
2106 Jun	150	0.277	0.374	0.00692	43.3	0.0544	29.6	0.000908	0.0009	0.00000476	0.00731	0.00225	0.0593	0.0254	0.00000562	22.5	0.0000247	0.000512
2106 Jul	150	0.277	0.374	0.00692	43.4	0.0545	29.6	0.000909	0.000901	0.00000476	0.00732	0.00225	0.0593	0.0254	0.00000563	22.5	0.0000247	0.000513
2106 Aug	150	0.276	0.373	0.00691	43.4	0.0545	29.6	0.000909	0.000901	0.00000476	0.00732	0.00225	0.0593	0.0254	0.00000563	22.5	0.0000247	0.000512
2106 Sep	150	0.275	0.372	0.00689	43.3	0.0544	29.5	0.000908	0.0009	0.00000476	0.00731	0.00225	0.0592	0.0253	0.00000562	22.5	0.0000246	0.000512
2106 Oct	149	0.275	0.371	0.00688	43.2	0.0544	29.5	0.000908	0.0009	0.00000476	0.00731	0.00225	0.0591	0.0253	0.00000562	22.5	0.0000246	0.000511
2106 Nov	149	0.275	0.371	0.00688	43.2	0.0544	29.5	0.000908	0.0009	0.00000476	0.00731	0.00225	0.0591	0.0253	0.00000562	22.5	0.0000246	0.000511
2106 Dec	149	0.275	0.371	0.00688	43.2	0.0544	29.5	0.000908	0.0009	0.00000476	0.00731	0.00225	0.0591	0.0253	0.00000562	22.5	0.0000246	0.000511
2107 Jan	149	0.275	0.371	0.00688	43.2	0.0544	29.5	0.000908	0.0009	0.00000476	0.00731	0.00225	0.0591	0.0253	0.00000562	22.5	0.0000246	0.000511
2107 Feb	149	0.275	0.371	0.00688	43.2	0.0544	29.5	0.000908	0.0009	0.00000476	0.00731	0.00225	0.0591	0.0253	0.00000562	22.5	0.0000246	0.000511
2107 Mar	149	0.275	0.371	0.00688	43.2	0.0544	29.5	0.000908	0.0009	0.00000476	0.00731	0.00225	0.0591	0.0253	0.00000562	22.5	0.0000246	0.000511
2107 Apr	149	0.275	0.371	0.00688	43.2	0.0544	29.5	0.000908	0.0009	0.00000476	0.00731	0.00225	0.0591	0.0253	0.00000562	22.5	0.0000246	0.000511
2107 May	149	0.275	0.371	0.00687	43.2	0.0544	29.5	0.000908	0.0009	0.00000476	0.00731	0.00225	0.0591	0.0253	0.00000562	22.5	0.0000246	0.000511
2107 Jun	149	0.274	0.369	0.00684	43.1	0.0542	29.4	0.000907	0.000899	0.00000475	0.0073	0.00224	0.0589	0.0253	0.00000561	22.5	0.0000246	0.00051
2107 Jul	149	0.274	0.369	0.00684	43.1	0.0543	29.4	0.000908	0.0009	0.00000476	0.0073	0.00225	0.0589	0.0253	0.00000561	22.5	0.0000246	0.000511
2107 Aug	149	0.274	0.369	0.00684	43.2	0.0543	29.5	0.000909	0.000901	0.00000476	0.00731	0.00225	0.059	0.0254	0.00000562	22.5	0.0000246	0.000511
2107 Sep	149	0.274	0.369	0.00684	43.2	0.0543	29.5	0.000909	0.000901	0.00000476	0.00731	0.00225	0.059	0.0254	0.00000562	22.5	0.0000246	0.000511
2107 Oct	149	0.273	0.368	0.00683	43.1	0.0543	29.4	0.000909	0.000901	0.00000476	0.00731	0.00225	0.0589	0.0254	0.00000562	22.5	0.0000246	0.000511
2107 Nov	149	0.273	0.368	0.00682	43.1	0.0543	29.4	0.000909	0.000901	0.00000476	0.00731	0.00225	0.0589	0.0254	0.00000562	22.5	0.0000246	0.000511
2107 Dec	149	0.273	0.368	0.00682	43.1	0.0543	29.4	0.000909	0.000901	0.00000476	0.00731	0.00225	0.0589	0.0254	0.00000562	22.5	0.0000246	0.000511
2108 Jan	149	0.273	0.368	0.00682	43.1	0.0543	29.4	0.000909	0.000901	0.00000476	0.00731	0.00225	0.0589	0.0254	0.00000562	22.5	0.0000246	0.000511
2108 Feb	149	0.273	0.368	0.00682	43.1	0.0543	29.4	0.000909	0.000901	0.00000476	0.00731	0.00225	0.0589	0.0254	0.00000562	22.5	0.0000246	0.000511
2108 Mar	149	0.273	0.368	0.00682	43.1	0.0543	29.4	0.000909	0.000901	0.00000476	0.00731	0.00225	0.0589	0.0254	0.00000562	22.5	0.0000246	0.000511
2108 Apr	149	0.273	0.368	0.00683	43.1	0.0543	29.5	0.000909	0.000901	0.00000476	0.00731	0.00225	0.0589	0.0254	0.00000562	22.5	0.0000246	0.000511
2108 May	149	0.273	0.368	0.00683	43.1	0.0544	29.5	0.00091	0.000902	0.00000476	0.00732	0.00225	0.059	0.0254	0.00000562	22.6	0.0000246	0.000511
2108 Jun	149	0.272	0.366	0.0068	43	0.0542	29.4	0.000909	0.000901	0.00000476	0.00731	0.00224	0.0588	0.0254	0.00000562	22.5	0.0000246	0.00051
2108 Jul	149	0.272	0.366	0.0068	43.1	0.0543	29.4	0.000911	0.000903	0.00000477	0.00732	0.00225	0.0589	0.0254	0.00000563	22.6	0.0000246	0.000511
2108 Aug	150	0.273	0.367	0.00682	43.1	0.0544	29.5	0.000913	0.000905	0.00000478	0.00734	0.00225	0.059	0.0255	0.00000564	22.6	0.0000247	0.000512
2108 Sep	150	0.273	0.367	0.00681	43.2	0.0544	29.5	0.000913	0.000905	0.00000478	0.00734	0.00225	0.059	0.0255	0.00000564	22.6	0.0000247	0.000512

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2108 Oct	149	0.272	0.365	0.00679	43	0.0543	29.4	0.000912	0.000904	0.00000477	0.00733	0.00225	0.0589	0.0254	0.00000563	22.6	0.0000246	0.000511
2108 Nov	149	0.272	0.365	0.00678	43	0.0543	29.4	0.000912	0.000904	0.00000477	0.00733	0.00225	0.0588	0.0254	0.00000563	22.6	0.0000246	0.000511
2108 Dec	149	0.272	0.365	0.00678	43	0.0543	29.4	0.000912	0.000904	0.00000477	0.00733	0.00225	0.0588	0.0254	0.00000563	22.6	0.0000246	0.000511
2109 Jan	149	0.272	0.365	0.00678	43	0.0543	29.4	0.000912	0.000904	0.00000477	0.00733	0.00225	0.0588	0.0254	0.00000563	22.6	0.0000246	0.000511
2109 Feb	149	0.272	0.365	0.00678	43	0.0543	29.4	0.000912	0.000904	0.00000477	0.00733	0.00225	0.0588	0.0254	0.00000563	22.6	0.0000246	0.000511
2109 Mar	149	0.272	0.365	0.00678	43	0.0543	29.4	0.000912	0.000904	0.00000477	0.00733	0.00225	0.0588	0.0254	0.00000563	22.6	0.0000246	0.000511
2109 Apr	149	0.272	0.365	0.00679	43	0.0543	29.4	0.000912	0.000904	0.00000477	0.00733	0.00225	0.0589	0.0254	0.00000563	22.6	0.0000246	0.000511
2109 May	149	0.271	0.365	0.00677	43	0.0543	29.4	0.000912	0.000904	0.00000477	0.00733	0.00225	0.0588	0.0254	0.00000563	22.6	0.0000246	0.000511
2109 Jun	149	0.27	0.363	0.00675	42.9	0.0542	29.3	0.000912	0.000904	0.00000477	0.00733	0.00224	0.0587	0.0254	0.00000563	22.6	0.0000246	0.00051
2109 Jul	149	0.27	0.363	0.00675	43	0.0543	29.4	0.000913	0.000905	0.00000478	0.00734	0.00225	0.0587	0.0255	0.00000563	22.6	0.0000246	0.000511
2109 Aug	149	0.271	0.363	0.00675	43	0.0543	29.4	0.000914	0.000907	0.00000479	0.00735	0.00225	0.0588	0.0255	0.00000564	22.6	0.0000247	0.000511
2109 Sep	149	0.27	0.363	0.00674	43	0.0543	29.4	0.000914	0.000906	0.00000478	0.00734	0.00225	0.0587	0.0255	0.00000564	22.6	0.0000246	0.000511
2109 Oct	149	0.269	0.361	0.00671	42.8	0.0542	29.3	0.000913	0.000905	0.00000478	0.00733	0.00224	0.0586	0.0254	0.00000563	22.6	0.0000246	0.00051
2109 Nov	149	0.269	0.361	0.00671	42.8	0.0542	29.3	0.000913	0.000905	0.00000478	0.00733	0.00224	0.0586	0.0254	0.00000563	22.6	0.0000246	0.00051
2109 Dec	149	0.269	0.361	0.00671	42.8	0.0542	29.3	0.000913	0.000905	0.00000478	0.00733	0.00224	0.0586	0.0254	0.00000563	22.6	0.0000246	0.00051
2110 Jan	149	0.269	0.361	0.00671	42.8	0.0542	29.3	0.000913	0.000905	0.00000478	0.00733	0.00224	0.0586	0.0254	0.00000563	22.6	0.0000246	0.00051
2110 Feb	149	0.269	0.361	0.00671	42.8	0.0542	29.3	0.000913	0.000905	0.00000478	0.00733	0.00224	0.0586	0.0254	0.00000563	22.6	0.0000246	0.00051
2110 Mar	149	0.269	0.361	0.00671	42.8	0.0542	29.3	0.000913	0.000905	0.00000478	0.00733	0.00224	0.0586	0.0254	0.00000563	22.6	0.0000246	0.00051
2110 Apr	149	0.269	0.361	0.00671	42.8	0.0542	29.3	0.000913	0.000905	0.00000478	0.00733	0.00224	0.0586	0.0254	0.00000563	22.6	0.0000246	0.00051
2110 May	149	0.269	0.361	0.00671	42.8	0.0542	29.3	0.000913	0.000905	0.00000478	0.00733	0.00224	0.0586	0.0255	0.00000563	22.6	0.0000246	0.00051
2110 Jun	148	0.267	0.357	0.00665	42.6	0.054	29.1	0.00091	0.000903	0.00000476	0.00731	0.00223	0.0582	0.0254	0.00000561	22.6	0.0000245	0.000508
2110 Jul	148	0.267	0.357	0.00665	42.6	0.054	29.2	0.000911	0.000904	0.00000477	0.00732	0.00224	0.0583	0.0254	0.00000562	22.6	0.0000245	0.000509
2110 Aug	148	0.265	0.355	0.00662	42.5	0.0539	29.1	0.00091	0.000902	0.00000476	0.0073	0.00223	0.0581	0.0254	0.0000056	22.5	0.0000244	0.000507
2110 Sep	147	0.264	0.353	0.00658	42.3	0.0538	29	0.000908	0.0009	0.00000475	0.00728	0.00222	0.0579	0.0253	0.00000559	22.5	0.0000244	0.000505
2110 Oct	147	0.263	0.351	0.00655	42.1	0.0536	28.9	0.000906	0.000898	0.00000474	0.00727	0.00222	0.0577	0.0252	0.00000558	22.4	0.0000243	0.000504
2110 Nov	147	0.262	0.351	0.00654	42.1	0.0536	28.8	0.000905	0.000898	0.00000474	0.00727	0.00221	0.0576	0.0252	0.00000557	22.4	0.0000243	0.000503
2110 Dec	147	0.262	0.351	0.00654	42.1	0.0536	28.8	0.000905	0.000898	0.00000474	0.00727	0.00221	0.0576	0.0252	0.00000557	22.4	0.0000243	0.000503
2111 Jan	147	0.262	0.351	0.00654	42.1	0.0536	28.8	0.000905	0.000898	0.00000474	0.00727	0.00221	0.0576	0.0252	0.00000557	22.4	0.0000243	0.000503
2111 Feb	147	0.262	0.351	0.00654	42.1	0.0536	28.8	0.000905	0.000898	0.00000474	0.00727	0.00221	0.0576	0.0252	0.00000557	22.4	0.0000243	0.000503
2111 Mar	147	0.262	0.351	0.00654	42.1	0.0536	28.8	0.000905	0.000898	0.00000474	0.00727	0.00221	0.0576	0.0252	0.00000557	22.4	0.0000243	0.000503
2111 Apr	147	0.263	0.351	0.00654	42.1	0.0536	28.8	0.000906	0.000898	0.00000474	0.00727	0.00221	0.0576	0.0252	0.00000557	22.4	0.0000243	0.000503
2111 May	147	0.262	0.35	0.00653	42.1	0.0536	28.8	0.000906	0.000898	0.00000474	0.00727	0.00221	0.0576	0.0252	0.00000558	22.4	0.0000243	0.000503
2111 Jun	146	0.261	0.348	0.00649	41.9	0.0534	28.7	0.000905	0.000897	0.00000473	0.00726	0.00221	0.0573	0.0252	0.00000556	22.4	0.0000242	0.000502
2111 Jul	147	0.261	0.348	0.0065	42	0.0535	28.8	0.000906	0.000899	0.00000474	0.00727	0.00221	0.0574	0.0253	0.00000557	22.4	0.0000243	0.000503
2111 Aug	147	0.261	0.347	0.00649	42	0.0535	28.7	0.000906	0.000898	0.00000474	0.00726	0.00221	0.0574	0.0253	0.00000557	22.4	0.0000242	0.000502
2111 Sep	146	0.26	0.347	0.00647	41.9	0.0534	28.7	0.000906	0.000898	0.00000474	0.00726	0.00221	0.0573	0.0252	0.00000557	22.4	0.0000242	0.000502
2111 Oct	146	0.259	0.345	0.00645	41.8	0.0534	28.6	0.000904	0.000897	0.00000473	0.00725	0.0022	0.0572	0.0252	0.00000556	22.4	0.0000242	0.000501
2111 Nov	146	0.259	0.345	0.00644	41.7	0.0533	28.6	0.000903	0.000896	0.00000472	0.00724	0.0022	0.0571	0.0252	0.00000555	22.3	0.0000241	0.0005
2111 Dec	146	0.259	0.345	0.00644	41.7	0.0533	28.6	0.000903	0.000896	0.00000472	0.00724	0.0022	0.0571	0.0252	0.00000555	22.3	0.0000241	0.0005
2112 Jan	146	0.259	0.345	0.00644	41.7	0.0533	28.6	0.000903	0.000896	0.00000472	0.00724	0.0022	0.0571	0.0252	0.00000555	22.3	0.0000241	0.0005
2112 Feb	146	0.259	0.345	0.00644	41.7	0.0533	28.6	0.000903	0.000896	0.00000472	0.00724	0.0022	0.0571	0.0252	0.00000555	22.3	0.0000241	0.0005
2112 Mar	146	0.259	0.345	0.00644	41.7	0.0533	28.6	0.000904	0.000896	0.00000472	0.00724	0.0022	0.0571	0.0252	0.00000555	22.3	0.0000241	0.0005
2112 Apr	146	0.259	0.345	0.00644	41.8	0.0533	28.6	0.000904	0.000896	0.00000473	0.00725	0.0022	0.0571	0.0252	0.00000555	22.3	0.0000241	0.0005
2112 May	146	0.258	0.344	0.00643	41.7	0.0533	28.6	0.000904	0.000896	0.00000472	0.00725	0.0022	0.057	0.0252	0.00000555	22.4	0.0000241	0.0005
2112 Jun	145	0.256	0.34	0.00636	41.4	0.0529	28.4	0.0009	0.000893	0.00000471	0.00721	0.00219	0.0566	0.0251	0.00000553	22.3	0.000024	0.000498
2112 Jul	145	0.255	0.339	0.00635	41.4	0.0529	28.4	0.000901	0.000893	0.00000471	0.00722	0.00219	0.0566	0.0251	0.00000553	22.3	0.000024	0.000498
2112 Aug	145	0.256	0.34	0.00635	41.5	0.053	28.4	0.000902	0.000894	0.00000471	0.00722	0.00219	0.0566	0.0252	0.00000553	22.3	0.000024	0.000498
2112 Sep	145	0.255	0.339	0.00634	41.4	0.053	28.4	0.000901	0.000894	0.00000471	0.00722	0.00219	0.0566	0.0252	0.00000553	22.3	0.000024	0.000498
2112 Oct	145	0.255	0.338	0.00633	41.4	0.0529	28.4	0.000901	0.000894	0.00000471	0.00722	0.00219	0.0565	0.0252	0.00000553	22.3	0.000024	0.000498
2112 Nov	145	0.255	0.338	0.00633	41.4	0.0529	28.3	0.000901	0.000893	0.00000471	0.00722	0.00219	0.0565	0.0251	0.00000553	22.3	0.000024	0.000498
2112 Dec	145	0.255	0.338	0.00633	41.4	0.0529	28.3	0.000901	0.000893	0.00000471	0.00722	0.00219	0.0565	0.0251	0.00000553	22.3	0.000024	0.000498
2113 Jan	145	0.255	0.338	0.00633	41.4	0.0529	28.3	0.000901	0.000893	0.00000471	0.00722	0.00219	0.0565	0.0251	0.00000553	22.3	0.000024	0.000498
2113 Feb	145	0.255	0.338	0.00633	41.4	0.0529	28.3	0.000901	0.000893	0.00000471	0.00722	0.00219	0.0565	0.0251	0.00000553	22.3	0.000024	0.000498
2113 Mar	145	0.255	0.338	0.00633	41.4	0.0529	28.4	0.000901	0.000894	0.00000471	0.00722	0.00219	0.0565	0.0252	0.00000553	22.3	0.000024	0.000498
2113 Apr	145	0.255	0.338	0.00633	41.4	0.053	28.4	0.000901	0.000894	0.00000471	0.00722	0.00219	0.0565	0.0252	0.00000553	22.3	0.000024	0.000498
2113 May	145	0.255	0.338	0.00633	41.4	0.0529	28.3	0.000901	0.000894	0.00000471	0.00722	0.00219	0.0565	0.0252	0.00000553	22.3	0.000024	0.000498
2113 Jun	145	0.253	0.336	0.00629	41.2	0.0528	28.2	0.0009	0.000892	0.0000047	0.0072	0.00218	0.0563	0.0252	0.00000552	22.3	0.0000239	0.000497
2113 Jul	145	0.253	0.336	0.00629	41.3	0.0528	28.3	0.000901	0.000894	0.00000471	0.00721	0.00219	0.0564	0.0252	0.00000552	22.3	0.000024	0.000497
2113 Aug	145	0.253	0.336	0.00629	41.3	0.0529	28.3	0.000902	0.000894	0.00000471	0.00722	0.00219	0.0564	0.0252	0.00000553	22.4	0.000024	0.000498
2113 Sep	145	0.253	0.335	0.00628	41.3	0.0528	28.3	0.000901	0.000894	0.00000471	0.00722	0.00219	0.0564	0.0252	0.00000553	22.3	0.000024	0.000497
2113 Oct	144	0.252	0.333	0.00625	41.1	0.0527	28.2	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0562	0.0251	0.00000551	22.3	0.0000239	0.000496
2113 Nov	144	0.251	0.333	0.00624	41.1	0.0527	28.2	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0561	0.0251	0.00000551	22.3	0.0000239	0.000495
2113 Dec	144	0.251	0.333	0.00624	41.1	0.0527	28.2	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0561	0.0251	0.00000551	22.3	0.0000239	0.000495
2114 Jan	144	0.251	0.333	0.00624	41.1	0.0527	28.2	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0561	0.0251	0.00000551	22.3	0.0000239	0.000495
2114 Feb	144	0.251	0.333	0.00624	41.1	0.0527	28.2	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0561	0.0251	0.00000551	22.3	0.0000239	0.000495
2114 Mar	144	0.251	0.333	0.00624	41.1	0.0527	28.2	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0561	0.0251	0.00000551	22.3	0.0000239	0.000495
2114 Apr	144	0.251	0.333	0.00624	41.1	0.0527	28.2	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0561	0.0251	0.00000551	22.3	0.0000239	0.000496
2114 May	144	0.251	0.332	0.00622	41	0.0526	28.1	0.000899	0.000892	0.0000047	0.00719	0.00218	0.056	0.0251	0.00000551	22.3	0.0000239	0.000495

Appendix C.2-16: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2114 Jun	144	0.25	0.331	0.0062	41	0.0526	28.1	0.000899	0.000891	0.00000469	0.00719	0.00218	0.0559	0.0251	0.0000055	22.3	0.0000239	0.000495
2114 Jul	144	0.251	0.331	0.00622	41	0.0527	28.1	0.0009	0.000893	0.0000047	0.00721	0.00218	0.056	0.0252	0.00000551	22.3	0.0000239	0.000496
2114 Aug	145	0.251	0.332	0.00623	41.1	0.0528	28.2	0.000902	0.000895	0.00000471	0.00722	0.00219	0.0562	0.0252	0.00000553	22.4	0.000024	0.000497
2114 Sep	145	0.251	0.331	0.00621	41.1	0.0528	28.2	0.000902	0.000894	0.00000471	0.00722	0.00218	0.0561	0.0252	0.00000552	22.4	0.0000239	0.000496
2114 Oct	144	0.25	0.33	0.00619	41	0.0527	28.1	0.000901	0.000893	0.0000047	0.00721	0.00218	0.056	0.0252	0.00000551	22.3	0.0000239	0.000496
2114 Nov	144	0.249	0.329	0.00617	40.9	0.0526	28.1	0.0009	0.000892	0.0000047	0.0072	0.00218	0.0559	0.0252	0.00000551	22.3	0.0000239	0.000495
2114 Dec	144	0.249	0.329	0.00617	40.9	0.0526	28.1	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0559	0.0252	0.00000551	22.3	0.0000239	0.000495
2115 Jan	144	0.249	0.329	0.00617	40.9	0.0526	28.1	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0559	0.0252	0.00000551	22.3	0.0000239	0.000495
2115 Feb	144	0.249	0.329	0.00617	40.9	0.0526	28.1	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0559	0.0252	0.00000551	22.3	0.0000239	0.000495
2115 Mar	144	0.249	0.329	0.00617	40.9	0.0526	28.1	0.0009	0.000892	0.0000047	0.0072	0.00218	0.0559	0.0252	0.00000551	22.3	0.0000239	0.000495
2115 Apr	144	0.249	0.329	0.00617	40.9	0.0526	28.1	0.0009	0.000893	0.0000047	0.0072	0.00218	0.0559	0.0252	0.00000551	22.3	0.0000239	0.000495
2115 May	144	0.249	0.328	0.00616	40.9	0.0526	28	0.000899	0.000892	0.0000047	0.0072	0.00218	0.0558	0.0252	0.00000551	22.3	0.0000238	0.000495
2115 Jun	144	0.249	0.328	0.00615	40.9	0.0526	28	0.0009	0.000893	0.0000047	0.00721	0.00218	0.0558	0.0252	0.00000551	22.3	0.0000239	0.000495
2115 Jul	144	0.249	0.328	0.00616	40.9	0.0527	28.1	0.000902	0.000895	0.00000471	0.00722	0.00218	0.0559	0.0253	0.00000552	22.4	0.0000239	0.000496
2115 Aug	144	0.248	0.327	0.00615	40.9	0.0526	28.1	0.000901	0.000894	0.00000471	0.00721	0.00218	0.0558	0.0252	0.00000551	22.4	0.0000239	0.000495
2115 Sep	144	0.248	0.327	0.00614	40.9	0.0526	28.1	0.000901	0.000894	0.00000471	0.00721	0.00218	0.0558	0.0252	0.00000551	22.4	0.0000239	0.000495
2115 Oct	144	0.248	0.326	0.00613	40.9	0.0526	28	0.000901	0.000894	0.00000471	0.00721	0.00218	0.0558	0.0252	0.00000551	22.4	0.0000238	0.000495
2115 Nov	144	0.247	0.326	0.00612	40.8	0.0526	28	0.000901	0.000894	0.0000047	0.00721	0.00218	0.0557	0.0252	0.00000551	22.4	0.0000238	0.000495
2115 Dec	144	0.247	0.326	0.00612	40.8	0.0526	28	0.000901	0.000894	0.0000047	0.00721	0.00218	0.0557	0.0252	0.00000551	22.4	0.0000238	0.000494
2116 Jan	144	0.247	0.326	0.00612	40.8	0.0526	28	0.000901	0.000894	0.0000047	0.00721	0.00218	0.0557	0.0252	0.00000551	22.4	0.0000238	0.000494
2116 Feb	144	0.247	0.326	0.00612	40.8	0.0526	28	0.000901	0.000894	0.0000047	0.00721	0.00218	0.0557	0.0252	0.00000551	22.4	0.0000238	0.000495
2116 Mar	144	0.247	0.326	0.00612	40.8	0.0526	28	0.000901	0.000894	0.0000047	0.00721	0.00218	0.0557	0.0252	0.00000551	22.4	0.0000238	0.000495
2116 Apr	144	0.247	0.326	0.00613	40.8	0.0526	28	0.000901	0.000894	0.0000047	0.00721	0.00218	0.0557	0.0252	0.00000551	22.4	0.0000238	0.000495
2116 May	144	0.247	0.325	0.00611	40.8	0.0526	28	0.000901	0.000894	0.0000047	0.00721	0.00218	0.0557	0.0252	0.00000551	22.4	0.0000238	0.000494
2116 Jun	143	0.245	0.322	0.00606	40.5	0.0523	27.8	0.000898	0.000891	0.00000469	0.00718	0.00217	0.0553	0.0252	0.00000549	22.3	0.0000237	0.000493
2116 Jul	144	0.245	0.322	0.00606	40.6	0.0524	27.9	0.000899	0.000892	0.00000469	0.00719	0.00217	0.0554	0.0252	0.00000549	22.4	0.0000238	0.000493
2116 Aug	144	0.245	0.323	0.00607	40.7	0.0524	27.9	0.000901	0.000894	0.0000047	0.0072	0.00217	0.0555	0.0253	0.0000055	22.4	0.0000238	0.000494
2116 Sep	144	0.245	0.321	0.00605	40.6	0.0524	27.9	0.0009	0.000893	0.0000047	0.00719	0.00217	0.0554	0.0253	0.0000055	22.4	0.0000238	0.000493
2116 Oct	143	0.244	0.32	0.00602	40.5	0.0523	27.8	0.000898	0.000891	0.00000469	0.00718	0.00216	0.0552	0.0252	0.00000549	22.3	0.0000237	0.000492
2116 Nov	143	0.244	0.32	0.00602	40.5	0.0523	27.8	0.000898	0.000891	0.00000469	0.00718	0.00216	0.0552	0.0252	0.00000549	22.3	0.0000237	0.000492
2116 Dec	143	0.244	0.32	0.00602	40.5	0.0523	27.8	0.000898	0.000891	0.00000469	0.00718	0.00216	0.0552	0.0252	0.00000549	22.3	0.0000237	0.000492
2117 Jan	143	0.244	0.32	0.00602	40.5	0.0523	27.8	0.000898	0.000891	0.00000469	0.00718	0.00216	0.0552	0.0252	0.00000549	22.3	0.0000237	0.000492
2117 Feb	143	0.244	0.32	0.00602	40.5	0.0523	27.8	0.000898	0.000891	0.00000469	0.00718	0.00216	0.0552	0.0252	0.00000549	22.3	0.0000237	0.000492
2117 Mar	143	0.244	0.32	0.00602	40.5	0.0523	27.8	0.000898	0.000891	0.00000469	0.00718	0.00216	0.0552	0.0252	0.00000549	22.3	0.0000237	0.000492
2117 Apr	143	0.244	0.32	0.00602	40.5	0.0523	27.8	0.000898	0.000892	0.00000469	0.00718	0.00216	0.0552	0.0252	0.00000549	22.3	0.0000237	0.000492
2117 May	143	0.244	0.32	0.00602	40.5	0.0523	27.8	0.000899	0.000892	0.00000469	0.00719	0.00216	0.0552	0.0252	0.00000549	22.3	0.0000237	0.000492
2117 Jun	143	0.243	0.319	0.006	40.4	0.0522	27.7	0.000899	0.000892	0.00000469	0.00718	0.00216	0.0551	0.0252	0.00000549	22.4	0.0000237	0.000492
2117 Jul	143	0.243	0.319	0.00601	40.5	0.0523	27.8	0.0009	0.000894	0.0000047	0.0072	0.00217	0.0552	0.0253	0.0000055	22.4	0.0000237	0.000493
2117 Aug	144	0.243	0.319	0.00601	40.5	0.0524	27.8	0.000901	0.000894	0.0000047	0.0072	0.00217	0.0553	0.0253	0.0000055	22.4	0.0000238	0.000493
2117 Sep	144	0.243	0.319	0.00601	40.5	0.0524	27.8	0.000902	0.000895	0.00000471	0.00721	0.00217	0.0553	0.0253	0.0000055	22.4	0.0000238	0.000493
2117 Oct	143	0.243	0.319	0.006	40.5	0.0524	27.8	0.000901	0.000894	0.0000047	0.0072	0.00217	0.0552	0.0253	0.0000055	22.4	0.0000238	0.000493
2117 Nov	143	0.243	0.318	0.006	40.5	0.0524	27.8	0.000901	0.000894	0.0000047	0.0072	0.00217	0.0552	0.0253	0.0000055	22.4	0.0000237	0.000493
2117 Dec	143	0.243	0.318	0.006	40.5	0.0524	27.8	0.000901	0.000894	0.0000047	0.0072	0.00217	0.0552	0.0253	0.0000055	22.4	0.0000237	0.000493
2118 Jan	143	0.243	0.318	0.006	40.5	0.0524	27.8	0.000901	0.000894	0.0000047	0.0072	0.00217	0.0552	0.0253	0.0000055	22.4	0.0000237	0.000493
2118 Feb	143	0.243	0.318	0.006	40.5	0.0524	27.8	0.000901	0.000894	0.0000047	0.0072	0.00217	0.0552	0.0253	0.0000055	22.4	0.0000237	0.000493
2118 Mar	143	0.243	0.318	0.006	40.5	0.0524	27.8	0.000901	0.000894	0.0000047	0.0072	0.00217	0.0552	0.0253	0.0000055	22.4	0.0000237	0.000493
2118 Apr	143	0.243	0.318	0.006	40.5	0.0524	27.8	0.000901	0.000894	0.0000047	0.0072	0.00217	0.0552	0.0253	0.0000055	22.4	0.0000237	0.000493
2118 May	143	0.242	0.317	0.00598	40.4	0.0523	27.7	0.000901	0.000894	0.0000047	0.0072	0.00217	0.0551	0.0253	0.0000055	22.4	0.0000237	0.000493
2118 Jun	143	0.24	0.314	0.00593	40.2	0.052	27.6	0.000899	0.000892	0.00000469	0.00718	0.00216	0.0548	0.0253	0.00000548	22.4	0.0000237	0.000491
2118 Jul	143	0.241	0.315	0.00594	40.3	0.0521	27.7	0.000901	0.000894	0.0000047	0.0072	0.00216	0.0549	0.0254	0.00000549	22.5	0.0000237	0.000492
2118 Aug	143	0.241	0.314	0.00593	40.3	0.0521	27.7	0.000901	0.000894	0.0000047	0.00719	0.00216	0.0548	0.0254	0.00000549	22.5	0.0000237	0.000492
2118 Sep	143	0.239	0.313	0.0059	40.2	0.052	27.6	0.000899	0.000893	0.00000469	0.00718	0.00216	0.0547	0.0253	0.00000548	22.4	0.0000236	0.000491
2118 Oct	142	0.239	0.311	0.00588	40.1	0.0519	27.5	0.000898	0.000891	0.00000469	0.00717	0.00215	0.0545	0.0253	0.00000547	22.4	0.0000236	0.00049
2118 Nov	142	0.238	0.311	0.00588	40.1	0.0519	27.5	0.000898	0.000891	0.00000468	0.00717	0.00215	0.0545	0.0253	0.00000547	22.4	0.0000236	0.000489
2118 Dec	142	0.238	0.311	0.00588	40.1	0.0519	27.5	0.000898	0.000891	0.00000468	0.00717	0.00215	0.0545	0.0253	0.00000547	22.4	0.0000236	0.000489
2119 Jan	142	0.238	0.311	0.00588	40.1	0.0519	27.5	0.000898	0.000891	0.00000468	0.00717	0.00215	0.0545	0.0253	0.00000547	22.4	0.0000236	0.000489
2119 Feb	142	0.238	0.311	0.00588	40.1	0.0519	27.5	0.000898	0.000891	0.00000468	0.00717	0.00215	0.0545	0.0253	0.00000547	22.4	0.0000236	0.000489
2119 Mar	142	0.238	0.311	0.00588	40.1	0.0519	27.5	0.000898	0.000891	0.00000468	0.00717	0.00215	0.0545	0.0253	0.00000547	22.4	0.0000236	0.000489
2119 Apr	142	0.239	0.311	0.00588	40.1	0.0519	27.5	0.000898	0.000891	0.00000469	0.00717	0.00215	0.0545	0.0253	0.00000547	22.4	0.0000236	0.000489
2119 May	142	0.237	0.309	0.00584	39.9	0.0517	27.4	0.000897	0.00089	0.00000468	0.00716	0.00215	0.0543	0.0253	0.00000546	22.4	0.0000235	0.000489
2119 Jun	142	0.237	0.308	0.00582	39.9	0.0516	27.3	0.000896	0.000889	0.00000467	0.00715	0.00215	0.0541	0.0253	0.00000545	22.4	0.0000235	0.000488
2119 Jul	142	0.237	0.308	0.00583	40	0.0517	27.4	0.000898	0.000891	0.00000468	0.00716	0.00215	0.0542	0.0254	0.00000546	22.5	0.0000235	0.000489
2119 Aug	142	0.237	0.308	0.00583	40	0.0518	27.4	0.000899	0.000892	0.00000469	0.00717	0.00215	0.0543	0.0254	0.00000547	22.5	0.0000235	0.000489
2119 Sep	142	0.236	0.307	0.00581	39.9	0.0517	27.4	0.000898	0.000891	0.00000468	0.00716	0.00215	0.0542	0.0254	0.00000546	22.5	0.0000235	0.000489
2119 Oct	142	0.236	0.307	0.0058	39.9	0.0517	27.3	0.000897	0.00089	0.00000468	0.00715	0.00215	0.0541	0.0254	0.00000545	22.4	0.0000235	0.000488
2119 Nov	142	0.236	0.306	0.00579	39.8	0.0516	27.3	0.000897	0.00089	0.00000468	0.00715	0.00214	0.054	0.0253	0.00000545	22.4	0.0000235	0.000488
2119 Dec	142	0.236	0.306	0.00579	39.8	0.0516	27.3	0.000897	0.00089	0.00000468	0.00715	0.00214	0.054	0.0253	0.00000545	22.4	0.0000235	0.000488

Appendix C.2-16: TIRI04

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.00000776	0.0000382	0.00111	0.000000564	0.277	0.477	0.00239	0.000063	8.43	0.000168	0.0000679	0.00000475	0.000037	0.0000147	0.0149	4.49E-08	0.0000668	0.0000159	0.0000287	0.000116
Operation (2024-2031): Mean	0.000361	0.00235	0.0307	0.0000362	17.7	30.3	0.129	0.00415	549	0.0107	0.00362	0.0000673	0.00236	0.000933	0.939	0.00000281	0.00436	0.000741	0.00165	0.00756
Operation (2024-2031): Max	0.000435	0.00273	0.0648	0.0000428	21.4	36.6	0.154	0.005	669	0.0129	0.00472	0.000238	0.00287	0.00113	1.13	0.00000315	0.0053	0.000917	0.00187	0.00922
Active Closure (2032-2038): Min	0.000151	0.000997	0.035	0.00000698	3.21	4.44	0.0415	0.000598	38.7	0.00236	0.00447	0.0000488	0.000414	0.000172	0.182	0.00000256	0.000521	0.000396	0.0015	0.000422
Active Closure (2032-2038): Mean	0.000231	0.00118	0.0774	0.00000902	4.44	6.48	0.0538	0.000881	74.9	0.00312	0.00793	0.00019	0.000573	0.000233	0.248	0.00000322	0.000821	0.000517	0.00157	0.000898
Active Closure (2032-2038): Max	0.00035	0.00233	0.0981	0.0000351	17	29	0.194	0.00401	521	0.0102	0.0152	0.000271	0.00224	0.000888	0.902	0.000021	0.00414	0.000733	0.0021	0.00717
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000269	0.00111	0.0976	0.00000796	3.66	4.98	0.0534	0.000715	20.5	0.00249	0.00852	0.000258	0.000448	0.000187	0.212	0.00000223	0.000618	0.00059	0.0016	0.000492
Post Closure (2039-2119): Mean	0.000293	0.00117	0.108	0.00000926	4.22	5.42	0.058	0.000861	29.8	0.00283	0.00887	0.000299	0.000528	0.000214	0.238	0.00000246	0.000788	0.000638	0.00167	0.000898
Post Closure (2039-2119): Max	0.000311	0.00121	0.118	0.0000101	4.55	5.71	0.0604	0.000929	39	0.00303	0.00909	0.000342	0.000572	0.00023	0.254	0.00000259	0.000872	0.00067	0.00171	0.00128
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun																				
2026 Jul																				
2026 Aug																				
2026 Sep																				
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun																				
2027 Jul																				
2027 Aug																				
2027 Sep																				
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				
2028 Apr																				
2028 May																				
2028 Jun																				
2028 Jul																				
2028 Aug																				
2028 Sep																				
2028 Oct																				
2028 Nov																				
2028 Dec																				
2029 Jan																				

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2029 Feb																				
2029 Mar																				
2029 Apr																				
2029 May	0.00000776	0.0000382	0.00111	0.000000564	0.277	0.477	0.00239	0.000063	8.43	0.000168	0.0000679	0.00000475	0.000037	0.0000147	0.0149	4.49E-08	0.0000668	0.0000159	0.0000287	0.000116
2029 Jun	0.000309	0.00166	0.0507	0.0000252	11.7	20	0.0971	0.00265	354	0.00713	0.00406	0.000166	0.00159	0.000618	0.625	0.00000218	0.00281	0.000697	0.00154	0.00486
2029 Jul	0.000359	0.00241	0.0337	0.0000373	18	30.7	0.13	0.00417	558	0.0109	0.00368	0.0000745	0.00241	0.000949	0.952	0.00000295	0.00442	0.000724	0.00173	0.00768
2029 Aug	0.000391	0.0026	0.0242	0.0000406	20.1	34.4	0.145	0.00469	627	0.0121	0.00299	0.0000613	0.00269	0.00106	1.06	0.00000307	0.00497	0.00079	0.00177	0.00863
2029 Sep	0.000399	0.00265	0.0251	0.0000411	20.4	34.9	0.147	0.00479	636	0.0123	0.00327	0.0000569	0.00273	0.00108	1.08	0.00000309	0.00505	0.000815	0.00177	0.00877
2029 Oct	0.000377	0.00251	0.0283	0.0000386	19	32.4	0.137	0.00447	589	0.0114	0.00367	0.0000533	0.00253	0.000999	1.01	0.00000296	0.00468	0.000768	0.00169	0.00812
2029 Nov	0.000367	0.00244	0.0292	0.0000374	18.4	31.4	0.132	0.00433	569	0.011	0.00377	0.0000519	0.00244	0.000965	0.973	0.00000289	0.00452	0.000746	0.00166	0.00784
2029 Dec	0.000367	0.00244	0.0292	0.0000374	18.4	31.4	0.132	0.00433	570	0.011	0.00377	0.0000519	0.00244	0.000965	0.973	0.00000289	0.00452	0.000746	0.00166	0.00784
2030 Jan	0.000367	0.00244	0.0292	0.0000374	18.4	31.4	0.132	0.00433	570	0.011	0.00377	0.0000519	0.00244	0.000965	0.973	0.00000289	0.00452	0.000746	0.00166	0.00784
2030 Feb	0.000367	0.00244	0.0292	0.0000375	18.4	31.4	0.132	0.00433	570	0.011	0.00378	0.0000519	0.00244	0.000966	0.973	0.00000289	0.00452	0.000746	0.00166	0.00784
2030 Mar	0.000367	0.00244	0.0293	0.0000375	18.4	31.4	0.132	0.00433	570	0.011	0.00378	0.0000519	0.00244	0.000966	0.973	0.0000029	0.00452	0.000747	0.00166	0.00785
2030 Apr	0.000367	0.00244	0.0293	0.0000375	18.4	31.4	0.132	0.00433	570	0.0111	0.00378	0.0000519	0.00245	0.000967	0.974	0.0000029	0.00453	0.000747	0.00166	0.00785
2030 May	0.00037	0.00246	0.0295	0.0000378	18.5	31.7	0.133	0.00437	575	0.0111	0.00381	0.0000524	0.00247	0.000975	0.982	0.00000292	0.00456	0.000754	0.00167	0.00792
2030 Jun	0.000326	0.00213	0.0352	0.0000337	15.9	27.1	0.117	0.00368	491	0.00965	0.00415	0.0000709	0.00217	0.000838	0.841	0.00000277	0.0039	0.000755	0.00186	0.00676
2030 Jul	0.000366	0.00243	0.0314	0.000038	18.5	31.5	0.134	0.00427	573	0.0111	0.00353	0.0000736	0.00248	0.000974	0.976	0.00000297	0.00455	0.000764	0.00179	0.0079
2030 Aug	0.000394	0.00262	0.0233	0.000041	20.4	34.8	0.147	0.00475	636	0.0122	0.00285	0.0000631	0.00273	0.00108	1.08	0.00000307	0.00504	0.0008	0.00177	0.00876
2030 Sep	0.000413	0.00273	0.0211	0.0000428	21.4	36.6	0.154	0.005	669	0.0129	0.00276	0.0000598	0.00287	0.00113	1.13	0.00000315	0.0053	0.000844	0.00181	0.00922
2030 Oct	0.000376	0.0025	0.0278	0.0000385	19	32.4	0.137	0.00447	590	0.0114	0.0036	0.0000533	0.00253	0.000999	1.01	0.00000294	0.00468	0.000768	0.00169	0.00812
2030 Nov	0.000367	0.00244	0.0291	0.0000375	18.4	31.4	0.132	0.00433	570	0.011	0.00375	0.0000519	0.00245	0.000966	0.974	0.00000289	0.00452	0.000747	0.00166	0.00785
2030 Dec	0.000367	0.00244	0.0291	0.0000375	18.4	31.4	0.132	0.00433	570	0.0111	0.00375	0.0000519	0.00245	0.000967	0.974	0.00000289	0.00453	0.000747	0.00166	0.00785
2031 Jan	0.000367	0.00244	0.0291	0.0000375	18.4	31.4	0.132	0.00433	570	0.0111	0.00375	0.0000519	0.00245	0.000967	0.974	0.00000289	0.00453	0.000747	0.00166	0.00785
2031 Feb	0.000367	0.00244	0.0291	0.0000375	18.4	31.4	0.132	0.00433	570	0.0111	0.00375	0.0000519	0.00245	0.000967	0.974	0.00000289	0.00453	0.000747	0.00166	0.00785
2031 Mar	0.000367	0.00244	0.0291	0.0000375	18.4	31.4	0.132	0.00433	570	0.0111	0.00376	0.0000519	0.00245	0.000967	0.974	0.00000289	0.00453	0.000747	0.00166	0.00785
2031 Apr	0.000368	0.00245	0.0292	0.0000376	18.4	31.5	0.133	0.00435	572	0.0111	0.00377	0.0000521	0.00245	0.00097	0.977	0.0000029	0.00454	0.000749	0.00166	0.00788
2031 May	0.000393	0.00243	0.0398	0.0000369	18	30.9	0.135	0.00423	557	0.0109	0.00408	0.000106	0.0024	0.00095	0.959	0.00000289	0.00442	0.0008	0.0017	0.00766
2031 Jun	0.000435	0.00227	0.0648	0.0000338	16.2	27.9	0.136	0.00371	494	0.00985	0.00472	0.000238	0.00218	0.000859	0.87	0.00000279	0.00392	0.000917	0.00182	0.00678
2031 Jul	0.000416	0.00252	0.042	0.0000388	19	32.5	0.145	0.00438	587	0.0115	0.0038	0.000137	0.00255	0.001	1.01	0.00000303	0.00466	0.000873	0.00187	0.00808
2031 Aug	0.000401	0.00265	0.0217	0.0000416	20.8	35.5	0.15	0.00484	648	0.0125	0.00274	0.0000617	0.00278	0.0011	1.1	0.00000309	0.00513	0.000816	0.00178	0.00893
2031 Sep	0.00037	0.00246	0.028	0.000038	18.7	31.9	0.134	0.00439	579	0.0112	0.00362	0.0000524	0.00248	0.000982	0.988	0.00000292	0.00459	0.000752	0.00168	0.00797
2031 Oct	0.000345	0.00231	0.0347	0.0000349	16.8	28.7	0.121	0.00399	519	0.0101	0.00443	0.0000488	0.00223	0.000882	0.892	0.00000281	0.00412	0.000697	0.0016	0.00714
2031 Nov	0.000345	0.0023	0.035	0.0000349	16.8	28.6	0.121	0.00398	517	0.0101	0.00446	0.0000488	0.00222	0.00088	0.889	0.00000281	0.00411	0.000695	0.0016	0.00712
2031 Dec	0.000345	0.0023	0.035	0.0000349	16.8	28.6	0.121	0.00398	517	0.0101	0.00446	0.0000488	0.00222	0.00088	0.89	0.00000281	0.00411	0.000695	0.0016	0.00712
2032 Jan	0.000345	0.0023	0.035	0.0000349	16.8	28.6	0.121	0.00398	517	0.0101	0.00447	0.0000488	0.00222	0.00088	0.89	0.00000281	0.00411	0.000695	0.0016	0.00712
2032 Feb	0.000345	0.0023	0.035	0.0000349	16.8	28.6	0.121	0.00398	517	0.0101	0.00447	0.0000488	0.00222	0.00088	0.89	0.00000281	0.00411	0.000695	0.0016	0.00712
2032 Mar	0.000345	0.0023	0.035	0.0000349	16.8	28.6	0.121	0.00398	517	0.0101	0.00447	0.0000488	0.00222	0.00088	0.89	0.00000281	0.00411	0.000696	0.0016	0.00712
2032 Apr	0.000345	0.00231	0.0351	0.0000349	16.8	28.7	0.121	0.00399	518	0.0101	0.00447	0.0000488	0.00222	0.000881	0.891	0.00000281	0.00412	0.000696	0.00161	0.00713
2032 May	0.00035	0.00233	0.0357	0.0000351	17	29	0.125	0.00401	521	0.0102	0.00467	0.0000529	0.00224	0.000888	0.902	0.00000322	0.00414	0.000707	0.00163	0.00717
2032 Jun	0.000312	0.00182	0.0661	0.00000995	12.1	19.9	0.194	0.0018	223	0.00786	0.0152	0.000157	0.00109	0.000497	0.702	0.000021	0.00189	0.000733	0.0021	0.00177
2032 Jul	0.000188	0.0012	0.0621	0.00000851	5.64	8.58	0.0769	0.000937	97.6	0.0039	0.00945	0.000118	0.000644	0.000261	0.317	0.00000757	0.000945	0.00052	0.00179	0.000894
2032 Aug	0.000159	0.00104	0.0595	0.00000763	4.12	6.06	0.0529	0.000697	66.8	0.00292	0.00837	0.000103	0.000497	0.000197	0.229	0.00000525	0.000679	0.000441	0.00166	0.000618
2032 Sep	0.000152	0.000997	0.0584	0.00000726	3.61	5.14	0.044	0.000626	55.5	0.00258	0.00798	0.0000955	0.000446	0.000176	0.198	0.00000435	0.00059	0.000404	0.0016	0.000515
2032 Oct	0.000151	0.000998	0.0588	0.00000722	3.52	4.91	0.0415	0.000624	52.8	0.00253	0.0079	0.000094	0.000443	0.000174	0.193	0.00000402	0.000581	0.000396	0.00159	0.000491
2032 Nov	0.000152	0.000999	0.0588	0.00000724	3.53	4.92	0.0415	0.000626	52.9	0.00254	0.00791	0.000094	0.000444	0.000174	0.193	0.00000402	0.000582	0.000397	0.00159	0.000493
2032 Dec	0.000152	0.000999	0.0588	0.00000725	3.53	4.92	0.0415	0.000627	53	0.00254	0.0079	0.000094	0.000444	0.000175	0.193	0.00000402	0.000583	0.000397	0.00159	0.000495
2033 Jan	0.000152	0.000999	0.0588	0.00000725	3.53	4.92	0.0415	0.000627	53	0.00254	0.0079	0.000094	0.000444	0.000175	0.193	0.00000402	0.000583	0.000397	0.00159	0.000495
2033 Feb	0.000152	0.000999	0.0588	0.00000725	3.53	4.92	0.0415	0.000627	53	0.00254	0.0079	0.000094	0.000444	0.000175	0.193	0.00000402	0.000583	0.000397	0.00159	0.000495
2033 Mar	0.000152	0.001	0.0588	0.00000725	3.53	4.92	0.0415	0.000627	53	0.00254	0.0079	0.000094	0.000444	0.000175	0.193	0.00000402	0.000583	0.000397	0.00159	0.000495
2033 Apr	0.000152	0.001	0.0588	0.00000725	3.53	4.92	0.0415	0.000627	53	0.00254	0.00791	0.000094	0.000444	0.000175	0.193	0.00000402	0.000583	0.000397	0.00159	0.000495
2033 May	0.000152	0.001	0.059	0.00000728	3.54	4.95	0.0417	0.000629	53.2	0.00255	0.00791	0.0000949	0.000446	0.000175	0.194	0.00000402	0.000586	0.000398	0.00159	0.0005
2033 Jun	0.000166	0.00102	0.0626	0.00000738	3.63	5.08	0.0437	0.000652	54.3	0.00261	0.00785	0.000116	0.000462	0.000182	0.2	0.00000383	0.00061	0.000422	0.00158	0.000531
2033 Jul	0.000188	0.00104	0.0691	0.00000729	3.57	4.99	0.0457	0.000642	51.5	0.00259	0.00783	0.000154	0.000459	0.000183	0.199	0.00000354	0.000598	0.000459	0.00157	0.00051
2033 Aug	0.000205	0.00105	0.0745	0.00000718	3.43	4.82	0.0466	0.000614	47.6	0.0025	0.00784	0.000184	0.000441	0.000178	0.193	0.00000332	0.000564	0.000482	0.00156	0.000471
2033 Sep	0.000216	0.00106	0.0775	0.00000713	3.4	4.77	0.0471	0.000612	45.9	0.00248	0.00786	0.0002	0.000437	0.000178	0.192	0.00000317	0.000556	0.000493	0.00155	0.000459
2033 Oct	0.00022	0.00109	0.0778	0.00000714	3.53	4.89	0.0477	0.000648	47.2	0.00257	0.00785	0.0002	0.000454	0.000186	0.199	0.00000309	0.000587	0.000495	0.00154	0.000482
2033 Nov	0.00022	0.00109	0.0778	0.00000715	3.53	4.9	0.0478	0.000651	47.4	0.00257	0.00786	0.0002	0.000456	0.000186	0.2	0.00000309	0.000589	0.000495	0.00154	0.000484
2033 Dec	0.00022	0.00109	0.0778	0.00000715	3.53	4.9	0.0478	0.000651	47.4	0.00257	0.00786	0.0002	0.000456	0.000186	0.2	0.00000309	0.000589	0.000495	0.00154	0.000484
2034 Jan	0.00022	0.00109	0.0778	0.00000715	3.53	4.9	0.0478	0.000651	47.4	0.00257	0.00786	0.0002	0.000456	0.000186	0.2	0.00000309	0.000589	0.000495	0.00154	0.000484
2034 Feb	0.00022	0.00109	0.0778	0.00000715	3.53	4.9	0.0478	0.000651	47.4	0.00257	0.00786	0.0002	0.000456	0.000186	0.2	0.00000309	0.000589	0.000495	0.00154	0.000484
2034 Mar	0.00022	0.00109	0.0778	0.00000715	3.53	4.9	0.0478	0.000651	47.4	0.00257	0.00786	0.0002	0.000456	0.000186	0.2	0.00000309	0.000589	0.000495	0.00154	0.000484
2034 Apr	0.00022	0.00109	0.0778	0.00000715	3.53	4.9	0.0478	0.000651	47.4	0.00257	0.00786	0.0002	0.000456	0.000186	0.2	0.00000309	0.00059	0.000495	0.00154	0.000484
2034 May	0.000221	0.00109	0.0779	0.00000716	3.54	4.9	0.0478	0.000651	47.4	0.00258	0.00786	0.0002	0.000456	0.000187	0.2	0.00000309	0.00059	0.000495	0.00154	0.000485
2034 Jun	0.000228	0.0011	0.0799	0.00000722	3.59	4.98	0.049	0.000666	47.8	0.00262	0.0079	0.000209	0.000464	0.00019	0.204	0.00000305	0.000603	0.000508	0.00154	0.000496
2034 Jul	0.000232	0.00111	0.082	0.00000723	3.53	4.9	0.049	0.000658	46.1	0.00258	0.00795	0.000218	0.000456	0.000188	0.201	0.00000296	0.000589	0.000515	0.00154	0.000482
2034 Aug	0.000235	0.00111	0.0832	0.00000718	3.45	4.79	0.0484	0.000644	44	0.00253	0.00799	0.000223	0.000443	0.000184	0.196	0.00000289	0.000569	0.000515	0.00153	0.00046
2034 Sep	0.000233	0.0011	0.0821	0.00000705	3.39	4.71	0.0475	0.000634	43	0.00248	0.00792	0.00022	0.000434	0.000181	0.193	0.00000285	0.000558	0.000506	0.00151	0.000451

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Oct	0.00023	0.0011	0.0809	0.00000698	3.37	4.67	0.0467	0.000633	42.6	0.00246	0.00788	0.000215	0.000429	0.00018	0.191	0.00000282	0.000554	0.000497	0.0015	0.00045
2034 Nov	0.00023	0.0011	0.0809	0.00000698	3.37	4.67	0.0467	0.000633	42.6	0.00246	0.00788	0.000215	0.000429	0.00018	0.191	0.00000282	0.000554	0.000497	0.0015	0.00045
2034 Dec	0.00023	0.0011	0.0809	0.00000698	3.37	4.67	0.0467	0.000633	42.6	0.00246	0.00788	0.000215	0.000429	0.00018	0.191	0.00000282	0.000554	0.000497	0.0015	0.00045
2035 Jan	0.00023	0.0011	0.0809	0.00000698	3.37	4.67	0.0467	0.000633	42.6	0.00246	0.00788	0.000215	0.000429	0.00018	0.191	0.00000282	0.000554	0.000497	0.0015	0.00045
2035 Feb	0.00023	0.0011	0.0809	0.00000698	3.37	4.67	0.0467	0.000633	42.6	0.00246	0.00788	0.000215	0.000429	0.00018	0.191	0.00000282	0.000554	0.000497	0.0015	0.00045
2035 Mar	0.00023	0.0011	0.0809	0.00000698	3.37	4.67	0.0467	0.000633	42.6	0.00246	0.00788	0.000215	0.000429	0.00018	0.191	0.00000282	0.000554	0.000497	0.0015	0.00045
2035 Apr	0.00023	0.0011	0.0809	0.00000698	3.37	4.67	0.0467	0.000633	42.6	0.00246	0.00788	0.000215	0.000429	0.00018	0.191	0.00000282	0.000555	0.000497	0.0015	0.00045
2035 May	0.000231	0.0011	0.0809	0.00000698	3.38	4.68	0.0467	0.000634	42.6	0.00246	0.00789	0.000215	0.00043	0.00018	0.192	0.00000283	0.000555	0.000497	0.0015	0.00045
2035 Jun	0.000232	0.0011	0.0816	0.00000702	3.38	4.69	0.047	0.000635	42.4	0.00247	0.00789	0.000219	0.000432	0.00018	0.192	0.0000028	0.000557	0.000503	0.0015	0.000454
2035 Jul	0.00023	0.00109	0.0818	0.00000703	3.29	4.56	0.0461	0.000615	40.7	0.00242	0.00788	0.000219	0.000424	0.000176	0.187	0.00000274	0.000539	0.000504	0.00151	0.000438
2035 Aug	0.000227	0.00108	0.0815	0.000007	3.21	4.44	0.0451	0.000598	39	0.00236	0.00786	0.000217	0.000414	0.000172	0.182	0.0000027	0.000521	0.0005	0.00151	0.000422
2035 Sep	0.000227	0.00109	0.0808	0.00000704	3.31	4.53	0.0452	0.000628	39.8	0.00244	0.00785	0.00021	0.000429	0.000178	0.188	0.00000268	0.000547	0.000495	0.00151	0.000441
2035 Oct	0.000227	0.0011	0.0808	0.00000708	3.4	4.62	0.0455	0.000652	40.6	0.0025	0.00789	0.000207	0.000441	0.000183	0.192	0.00000268	0.000569	0.000495	0.00151	0.000457
2035 Nov	0.000227	0.0011	0.0807	0.00000708	3.4	4.62	0.0455	0.000653	40.6	0.0025	0.00788	0.000207	0.000441	0.000183	0.192	0.00000268	0.000569	0.000495	0.00151	0.000457
2035 Dec	0.000227	0.0011	0.0807	0.00000708	3.4	4.62	0.0455	0.000653	40.6	0.0025	0.00788	0.000207	0.000441	0.000183	0.192	0.00000268	0.000569	0.000495	0.00151	0.000457
2036 Jan	0.000227	0.0011	0.0807	0.00000708	3.4	4.62	0.0455	0.000653	40.6	0.0025	0.00788	0.000207	0.000441	0.000183	0.192	0.00000268	0.000569	0.000495	0.00151	0.000457
2036 Feb	0.000227	0.0011	0.0808	0.00000708	3.4	4.62	0.0455	0.000653	40.6	0.0025	0.00788	0.000207	0.000441	0.000183	0.192	0.00000268	0.000569	0.000495	0.00151	0.000457
2036 Mar	0.000227	0.0011	0.0808	0.00000708	3.4	4.62	0.0455	0.000653	40.6	0.0025	0.00788	0.000207	0.000441	0.000183	0.192	0.00000268	0.000569	0.000495	0.00151	0.000457
2036 Apr	0.000227	0.0011	0.0808	0.00000708	3.4	4.62	0.0455	0.000653	40.6	0.0025	0.00788	0.000207	0.000441	0.000183	0.192	0.00000268	0.000569	0.000495	0.00151	0.000457
2036 May	0.000227	0.00111	0.0808	0.00000709	3.4	4.62	0.0455	0.000653	40.6	0.0025	0.00789	0.000207	0.000441	0.000183	0.192	0.00000268	0.000569	0.000495	0.00151	0.000457
2036 Jun	0.000228	0.00111	0.0812	0.00000713	3.44	4.67	0.0459	0.000665	40.9	0.00254	0.0079	0.000207	0.00045	0.000185	0.195	0.00000267	0.000581	0.000499	0.00152	0.000466
2036 Jul	0.000226	0.00111	0.0816	0.00000725	3.43	4.64	0.0456	0.000664	40.4	0.00254	0.00796	0.000205	0.000453	0.000185	0.195	0.00000264	0.000581	0.000503	0.00154	0.000465
2036 Aug	0.000226	0.00111	0.0822	0.00000736	3.45	4.64	0.0455	0.000668	40.2	0.00256	0.00802	0.000203	0.000458	0.000186	0.195	0.00000264	0.000584	0.000506	0.00155	0.000467
2036 Sep	0.000226	0.00112	0.0822	0.00000741	3.52	4.71	0.0459	0.000686	40.8	0.00261	0.00804	0.000202	0.000469	0.00019	0.199	0.00000264	0.000601	0.000507	0.00156	0.000481
2036 Oct	0.000227	0.00113	0.0821	0.00000744	3.6	4.8	0.0462	0.00071	41.5	0.00267	0.00806	0.000199	0.000481	0.000195	0.204	0.00000264	0.000623	0.000507	0.00156	0.000498
2036 Nov	0.000227	0.00113	0.0821	0.00000744	3.6	4.8	0.0462	0.00071	41.5	0.00267	0.00806	0.000198	0.000481	0.000195	0.204	0.00000264	0.000623	0.000506	0.00156	0.000498
2036 Dec	0.000227	0.00113	0.0821	0.00000744	3.6	4.8	0.0462	0.00071	41.5	0.00267	0.00806	0.000198	0.00048	0.000195	0.204	0.00000264	0.000623	0.000506	0.00156	0.000498
2037 Jan	0.000227	0.00113	0.0821	0.00000744	3.6	4.8	0.0462	0.00071	41.5	0.00267	0.00806	0.000198	0.00048	0.000195	0.204	0.00000264	0.000623	0.000506	0.00156	0.000498
2037 Feb	0.000227	0.00113	0.0821	0.00000744	3.6	4.8	0.0462	0.00071	41.5	0.00267	0.00806	0.000198	0.00048	0.000195	0.204	0.00000264	0.000623	0.000506	0.00156	0.000498
2037 Mar	0.000227	0.00113	0.0821	0.00000744	3.6	4.8	0.0462	0.00071	41.5	0.00267	0.00806	0.000198	0.000481	0.000195	0.204	0.00000264	0.000623	0.000506	0.00156	0.000498
2037 Apr	0.000227	0.00113	0.0821	0.00000744	3.6	4.8	0.0462	0.00071	41.5	0.00267	0.00806	0.000198	0.000481	0.000195	0.204	0.00000264	0.000623	0.000506	0.00156	0.000498
2037 May	0.000227	0.00113	0.0822	0.00000744	3.6	4.8	0.0463	0.00071	41.5	0.00267	0.00806	0.000199	0.00048	0.000195	0.204	0.00000264	0.000622	0.000507	0.00156	0.000498
2037 Jun	0.000233	0.00113	0.0841	0.00000747	3.59	4.81	0.0472	0.000706	41	0.00267	0.00809	0.000209	0.000479	0.000195	0.204	0.00000262	0.000619	0.000518	0.00156	0.000495
2037 Jul	0.000244	0.00114	0.0881	0.00000757	3.59	4.84	0.0491	0.000701	40.3	0.00267	0.00819	0.000228	0.000479	0.000195	0.205	0.0000026	0.000613	0.000541	0.00157	0.000489
2037 Aug	0.000253	0.00115	0.0912	0.00000768	3.62	4.89	0.0506	0.000705	40	0.0027	0.00829	0.000242	0.000483	0.000197	0.208	0.00000259	0.000616	0.000559	0.00159	0.000491
2037 Sep	0.000254	0.00116	0.0916	0.00000771	3.65	4.93	0.0509	0.000712	40.2	0.00272	0.00831	0.000243	0.000487	0.000199	0.21	0.00000259	0.000623	0.000561	0.00159	0.000496
2037 Oct	0.000254	0.00116	0.0916	0.00000774	3.66	4.94	0.0509	0.000719	40.2	0.00273	0.00833	0.000241	0.000489	0.0002	0.21	0.00000259	0.000627	0.000559	0.00159	0.0005
2037 Nov	0.000254	0.00116	0.0916	0.00000774	3.66	4.94	0.0508	0.000719	40.2	0.00273	0.00833	0.000241	0.000489	0.0002	0.21	0.00000259	0.000627	0.000559	0.00159	0.000499
2037 Dec	0.000254	0.00116	0.0916	0.00000774	3.66	4.94	0.0508	0.000719	40.2	0.00273	0.00833	0.000241	0.000489	0.0002	0.21	0.00000259	0.000627	0.000559	0.00159	0.000499
2038 Jan	0.000254	0.00116	0.0916	0.00000774	3.66	4.94	0.0508	0.000719	40.2	0.00273	0.00833	0.000241	0.000489	0.0002	0.21	0.00000259	0.000627	0.000559	0.00159	0.000499
2038 Feb	0.000254	0.00116	0.0916	0.00000774	3.66	4.94	0.0508	0.000719	40.2	0.00273	0.00833	0.000241	0.000489	0.0002	0.21	0.00000259	0.000627	0.000559	0.00159	0.000499
2038 Mar	0.000254	0.00116	0.0916	0.00000774	3.66	4.94	0.0508	0.000719	40.2	0.00273	0.00833	0.000241	0.000489	0.0002	0.21	0.00000259	0.000627	0.000559	0.00159	0.000499
2038 Apr	0.000254	0.00116	0.0916	0.00000774	3.66	4.94	0.0509	0.000719	40.2	0.00273	0.00833	0.000241	0.000489	0.0002	0.21	0.00000259	0.000627	0.000559	0.00159	0.000499
2038 May	0.000254	0.00116	0.0917	0.00000774	3.66	4.94	0.0509	0.000719	40.2	0.00273	0.00834	0.000241	0.000489	0.0002	0.211	0.00000259	0.000627	0.000559	0.00159	0.0005
2038 Jun	0.000259	0.00116	0.0935	0.00000777	3.64	4.93	0.0516	0.000712	39.6	0.00272	0.00837	0.00025	0.000486	0.000199	0.21	0.00000257	0.00062	0.000569	0.00159	0.000494
2038 Jul	0.000268	0.00117	0.0971	0.00000787	3.61	4.93	0.0531	0.000703	38.8	0.0027	0.00847	0.000267	0.000482	0.000197	0.21	0.00000256	0.000609	0.000588	0.0016	0.000484
2038 Aug	0.000271	0.00117	0.0981	0.00000792	3.63	4.96	0.0535	0.000705	38.7	0.00271	0.00852	0.000271	0.000484	0.000198	0.211	0.00000256	0.000611	0.000594	0.00161	0.000485
2038 Sep	0.000271	0.00117	0.0981	0.00000795	3.64	4.97	0.0536	0.00071	38.8	0.00273	0.00853	0.00027	0.000486	0.000199	0.212	0.00000256	0.000615	0.000593	0.00161	0.000489
2038 Oct	0.00027	0.00118	0.098	0.00000796	3.65	4.98	0.0535	0.000715	38.8	0.00274	0.00854	0.000268	0.000487	0.0002	0.212	0.00000256	0.000618	0.000592	0.00161	0.000492
2038 Nov	0.00027	0.00118	0.098	0.00000796	3.66	4.98	0.0535	0.000715	38.8	0.00274	0.00854	0.000268	0.000487	0.0002	0.212	0.00000256	0.000618	0.000592	0.00161	0.000492
2038 Dec	0.00027	0.00118	0.098	0.00000796	3.66	4.98	0.0535	0.000715	38.8	0.00274	0.00854	0.000268	0.000487	0.0002	0.212	0.00000256	0.000618	0.000592	0.00161	0.000492
2039 Jan	0.00027	0.00118	0.098	0.00000796	3.66	4.98	0.0535	0.000715	38.8	0.00274	0.00854	0.000268	0.000487	0.0002	0.212	0.00000256	0.000618	0.000592	0.00161	0.000492
2039 Feb	0.00027	0.00118	0.098	0.00000796	3.66	4.98	0.0535	0.000715	38.8	0.00274	0.00854	0.000268	0.000487	0.0002	0.212	0.00000256	0.000618	0.000592	0.00161	0.000492
2039 Mar	0.00027	0.00118	0.098	0.00000796	3.66	4.98	0.0535	0.000715	38.8	0.00274	0.00854	0.000268	0.000487	0.0002	0.212	0.00000256	0.000618	0.000592	0.00161	0.000492
2039 Apr	0.00027	0.00118	0.098	0.00000796	3.66	4.98	0.0535	0.000715	38.8	0.00274	0.00854	0.000268	0.000488	0.0002	0.212	0.00000256	0.000618	0.000592	0.00161	0.000492
2039 May	0.000271	0.00118	0.0981	0.00000796	3.66	4.99	0.0536	0.000716	38.8	0.00274	0.00855	0.000268	0.000488	0.0002	0.213	0.00000256	0.000619	0.000592	0.00161	0.000492
2039 Jun	0.00027	0.00118	0.0979	0.00000796	3.67	4.99	0.0535	0.000718	38.8	0.00274	0.00853	0.000268	0.000489	0.0002	0.213	0.00000256	0.000622	0.000591	0.00161	0.000494
2039 Jul	0.000269	0.00117	0.0976	0.00000797	3.68	5	0.0534	0.000722	38.8	0.00274	0.00852	0.000266	0.000491	0.000201	0.213	0.00000255	0.000627	0.00059	0.00161	0.000498
2039 Aug	0.000269	0.00118	0.0977	0.00000798	3.69	5.01	0.0535	0.000725	38.8	0.00275	0.00853	0.000266	0.000492	0.000201	0.214	0.00000256	0.00063	0.000591	0.00161	0.0005
2039 Sep	0.00027	0.00118	0.0977	0.00000798	3.7	5.01	0.0535	0.000726	38.9	0.00275	0.00853	0.000266	0.000492	0.000202	0.214	0.00000256	0.000631	0.000591	0.00161	0.000501
2039 Oct	0.00027	0.00118	0.0977	0.00000799	3.7	5.02	0.0535	0.000727	38.9	0.00275	0.00853	0.000266	0.000493	0.000202	0.214	0.00000256	0.000633	0.000591	0.00161	0.000501
2039 Nov	0.00027	0.00118	0.0977	0.00000799	3.7	5.02	0.0535	0.000727	38.9	0.00275	0.00853	0.000266	0.000493	0.000202	0.214	0.00000256	0.000633	0.000591	0.00161	0.000501
2039 Dec	0.00027	0.00118	0.0977	0.00000799	3.7	5.02	0.0535	0.000727	38.9	0.00275	0.00853	0.000266	0.000493	0.000202	0.214	0.00000256	0.000633	0.000591	0.00161	0.000501
2040 Jan	0.00027	0.00118	0.0977	0.00000799	3.7	5.02	0.0535	0.000727	38.9	0.00275	0.00853	0.000266	0.000493	0.000202	0.214	0.00000256	0.000633	0.000591	0.00161	0.000501
2040 Feb	0.00027	0.00118	0.0977	0.00000799	3.7	5.02	0.0535	0.000727	38.9	0.00275	0.00853	0.000266	0.000493	0.000202	0.214	0.00000256	0.000633	0.000591	0.00161	0.000501
2040 Mar	0.00027	0.00118	0.0977	0.00000799	3.7	5.02	0.0535	0.000727	38.9	0.00275	0.00853	0.000266	0.000493	0.000202	0.214	0.00000256	0.000633	0.000591	0.00161	0.000501
2040 Apr	0.00027	0.00118	0.0977	0.00000799	3.7	5.02	0.0535	0.000727	38.9	0.00275	0.00853	0.000266	0.000493	0.000202	0.214	0.00000256	0.000633	0.000591	0.00161	0.000501
2040 May	0.00027	0.00118	0.0978	0.00000799	3.71	5.02	0.0536	0.000728	38.9	0.00275	0.00854	0.000267	0.000493	0.000202	0.215	0.00000256	0.000634	0.000591	0.00161	0.000502

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2040 Jun	0.00027	0.00118	0.098	0.000008	3.73	5.04	0.0538	0.000733	38.9	0.00276	0.00853	0.000267	0.000496	0.000203	0.216	0.00000256	0.000641	0.000593	0.00161	0.000506
2040 Jul	0.000271	0.00118	0.0981	0.00000801	3.74	5.05	0.0538	0.000734	38.9	0.00276	0.00854	0.000268	0.000496	0.000203	0.216	0.00000256	0.000642	0.000593	0.00162	0.000507
2040 Aug	0.000271	0.00118	0.0982	0.00000802	3.74	5.05	0.0539	0.000736	39	0.00277	0.00855	0.000268	0.000497	0.000203	0.216	0.00000256	0.000643	0.000594	0.00162	0.000508
2040 Sep	0.000271	0.00118	0.0982	0.00000803	3.75	5.06	0.0539	0.000737	39	0.00277	0.00855	0.000268	0.000498	0.000204	0.217	0.00000256	0.000645	0.000594	0.00162	0.000509
2040 Oct	0.000271	0.00118	0.0982	0.00000803	3.75	5.06	0.0539	0.000738	39	0.00277	0.00856	0.000268	0.000498	0.000204	0.217	0.00000256	0.000646	0.000594	0.00162	0.000509
2040 Nov	0.000271	0.00118	0.0982	0.00000803	3.75	5.06	0.0539	0.000738	39	0.00277	0.00856	0.000268	0.000498	0.000204	0.217	0.00000256	0.000646	0.000594	0.00162	0.00051
2040 Dec	0.000271	0.00118	0.0982	0.00000803	3.75	5.06	0.0539	0.000738	39	0.00277	0.00856	0.000268	0.000498	0.000204	0.217	0.00000256	0.000646	0.000594	0.00162	0.00051
2041 Jan	0.000271	0.00118	0.0982	0.00000803	3.75	5.06	0.0539	0.000738	39	0.00277	0.00856	0.000268	0.000498	0.000204	0.217	0.00000256	0.000646	0.000594	0.00162	0.00051
2041 Feb	0.000271	0.00118	0.0982	0.00000803	3.75	5.06	0.0539	0.000738	39	0.00277	0.00856	0.000268	0.000498	0.000204	0.217	0.00000256	0.000646	0.000594	0.00162	0.00051
2041 Mar	0.000271	0.00118	0.0982	0.00000803	3.75	5.06	0.054	0.000738	39	0.00277	0.00856	0.000268	0.000498	0.000204	0.217	0.00000256	0.000646	0.000594	0.00162	0.00051
2041 Apr	0.000271	0.00118	0.0982	0.00000803	3.75	5.06	0.054	0.000738	39	0.00277	0.00856	0.000268	0.000498	0.000204	0.217	0.00000256	0.000646	0.000594	0.00162	0.00051
2041 May	0.000271	0.00118	0.0983	0.00000804	3.76	5.07	0.054	0.000739	39	0.00277	0.00856	0.000268	0.000498	0.000204	0.217	0.00000257	0.000647	0.000595	0.00162	0.00051
2041 Jun	0.000271	0.00118	0.0982	0.00000805	3.78	5.08	0.054	0.000745	39	0.00278	0.00856	0.000268	0.000501	0.000205	0.218	0.00000256	0.000655	0.000595	0.00162	0.000515
2041 Jul	0.000271	0.00118	0.098	0.00000805	3.79	5.08	0.0539	0.000747	38.9	0.00278	0.00854	0.000267	0.000502	0.000205	0.218	0.00000256	0.000658	0.000594	0.00162	0.000517
2041 Aug	0.000271	0.00118	0.0981	0.00000806	3.8	5.09	0.054	0.000748	39	0.00279	0.00856	0.000267	0.000503	0.000205	0.219	0.00000256	0.000659	0.000595	0.00163	0.000518
2041 Sep	0.000271	0.00118	0.0982	0.00000807	3.8	5.1	0.054	0.000749	39	0.00279	0.00856	0.000267	0.000503	0.000205	0.219	0.00000256	0.00066	0.000595	0.00163	0.000519
2041 Oct	0.000271	0.00118	0.0981	0.00000807	3.81	5.1	0.054	0.00075	39	0.00279	0.00856	0.000267	0.000504	0.000205	0.219	0.00000256	0.000661	0.000595	0.00163	0.000519
2041 Nov	0.000271	0.00118	0.0982	0.00000807	3.81	5.1	0.0541	0.00075	39	0.00279	0.00856	0.000267	0.000504	0.000205	0.219	0.00000257	0.000661	0.000595	0.00163	0.000519
2041 Dec	0.000271	0.00118	0.0982	0.00000807	3.81	5.1	0.0541	0.00075	39	0.00279	0.00856	0.000267	0.000504	0.000205	0.219	0.00000257	0.000661	0.000595	0.00163	0.000519
2042 Jan	0.000271	0.00118	0.0982	0.00000807	3.81	5.1	0.0541	0.00075	39	0.00279	0.00856	0.000267	0.000504	0.000205	0.219	0.00000257	0.000661	0.000595	0.00163	0.000519
2042 Feb	0.000271	0.00118	0.0982	0.00000807	3.81	5.1	0.0541	0.00075	39	0.00279	0.00856	0.000267	0.000504	0.000205	0.219	0.00000257	0.000661	0.000595	0.00163	0.000519
2042 Mar	0.000271	0.00118	0.0982	0.00000807	3.81	5.1	0.0541	0.00075	39	0.00279	0.00856	0.000267	0.000504	0.000205	0.219	0.00000257	0.000661	0.000595	0.00163	0.000519
2042 Apr	0.000271	0.00118	0.0982	0.00000807	3.81	5.1	0.0541	0.00075	39	0.00279	0.00856	0.000267	0.000504	0.000206	0.219	0.00000257	0.000661	0.000595	0.00163	0.00052
2042 May	0.000271	0.00118	0.0982	0.00000808	3.81	5.1	0.0541	0.000751	39	0.00279	0.00857	0.000267	0.000504	0.000206	0.219	0.00000257	0.000662	0.000596	0.00163	0.00052
2042 Jun	0.000271	0.00118	0.0981	0.00000809	3.82	5.11	0.0541	0.000754	39	0.00279	0.00856	0.000267	0.000505	0.000206	0.22	0.00000257	0.000665	0.000595	0.00163	0.000522
2042 Jul	0.000271	0.00118	0.098	0.0000081	3.83	5.11	0.054	0.000755	38.9	0.0028	0.00856	0.000266	0.000506	0.000206	0.22	0.00000256	0.000668	0.000595	0.00163	0.000524
2042 Aug	0.00027	0.00118	0.0979	0.0000081	3.84	5.11	0.054	0.000757	38.9	0.0028	0.00856	0.000265	0.000507	0.000206	0.22	0.00000256	0.00067	0.000594	0.00163	0.000526
2042 Sep	0.00027	0.00118	0.0979	0.0000081	3.84	5.12	0.054	0.000759	38.9	0.0028	0.00855	0.000265	0.000507	0.000207	0.22	0.00000256	0.000672	0.000594	0.00163	0.000527
2042 Oct	0.00027	0.00118	0.0978	0.0000081	3.85	5.12	0.0539	0.00076	38.9	0.0028	0.00855	0.000265	0.000508	0.000207	0.221	0.00000256	0.000674	0.000593	0.00163	0.000528
2042 Nov	0.00027	0.00118	0.0978	0.00000811	3.85	5.12	0.054	0.000761	38.9	0.0028	0.00855	0.000265	0.000508	0.000207	0.221	0.00000256	0.000674	0.000594	0.00163	0.000528
2042 Dec	0.00027	0.00118	0.0978	0.00000811	3.85	5.12	0.054	0.000761	38.9	0.0028	0.00855	0.000265	0.000508	0.000207	0.221	0.00000256	0.000674	0.000594	0.00163	0.000528
2043 Jan	0.00027	0.00118	0.0978	0.00000811	3.85	5.12	0.054	0.000761	38.9	0.0028	0.00855	0.000265	0.000508	0.000207	0.221	0.00000256	0.000674	0.000594	0.00163	0.000528
2043 Feb	0.00027	0.00118	0.0978	0.00000811	3.85	5.12	0.054	0.000761	38.9	0.0028	0.00855	0.000265	0.000508	0.000207	0.221	0.00000256	0.000674	0.000594	0.00163	0.000528
2043 Mar	0.00027	0.00118	0.0978	0.00000811	3.85	5.12	0.054	0.000761	38.9	0.0028	0.00855	0.000265	0.000508	0.000207	0.221	0.00000256	0.000674	0.000594	0.00163	0.000528
2043 Apr	0.00027	0.00118	0.0978	0.00000811	3.85	5.12	0.054	0.000761	38.9	0.0028	0.00855	0.000265	0.000508	0.000207	0.221	0.00000256	0.000674	0.000594	0.00163	0.000528
2043 May	0.00027	0.00118	0.0979	0.00000811	3.85	5.13	0.054	0.000762	38.9	0.0028	0.00856	0.000265	0.000508	0.000207	0.221	0.00000256	0.000675	0.000594	0.00163	0.000529
2043 Jun	0.000271	0.00118	0.0981	0.00000812	3.87	5.14	0.0541	0.000765	38.8	0.00281	0.00856	0.000266	0.000509	0.000207	0.222	0.00000256	0.000679	0.000595	0.00163	0.000532
2043 Jul	0.000271	0.00118	0.0982	0.00000814	3.87	5.15	0.0542	0.000766	38.8	0.00281	0.00857	0.000266	0.00051	0.000208	0.222	0.00000257	0.00068	0.000596	0.00163	0.000533
2043 Aug	0.000271	0.00118	0.0984	0.00000815	3.88	5.16	0.0543	0.000768	38.9	0.00282	0.00858	0.000266	0.000511	0.000208	0.222	0.00000257	0.000682	0.000597	0.00164	0.000534
2043 Sep	0.000272	0.00119	0.0984	0.00000816	3.88	5.16	0.0543	0.000769	38.9	0.00282	0.00859	0.000267	0.000512	0.000208	0.223	0.00000257	0.000683	0.000597	0.00164	0.000535
2043 Oct	0.000272	0.00119	0.0984	0.00000816	3.89	5.17	0.0544	0.000771	38.9	0.00282	0.00859	0.000266	0.000512	0.000209	0.223	0.00000257	0.000685	0.000597	0.00164	0.000537
2043 Nov	0.000272	0.00119	0.0984	0.00000816	3.9	5.17	0.0544	0.000773	38.9	0.00282	0.00859	0.000266	0.000513	0.000209	0.223	0.00000257	0.000687	0.000597	0.00164	0.000538
2043 Dec	0.000272	0.00119	0.0984	0.00000816	3.9	5.17	0.0544	0.000773	38.9	0.00282	0.00859	0.000266	0.000513	0.000209	0.223	0.00000257	0.000687	0.000597	0.00164	0.000538
2044 Jan	0.000272	0.00119	0.0984	0.00000816	3.9	5.17	0.0544	0.000773	38.9	0.00282	0.00859	0.000266	0.000513	0.000209	0.223	0.00000257	0.000687	0.000597	0.00164	0.000538
2044 Feb	0.000272	0.00119	0.0984	0.00000816	3.9	5.17	0.0544	0.000773	38.9	0.00282	0.00859	0.000266	0.000513	0.000209	0.223	0.00000257	0.000687	0.000597	0.00164	0.000538
2044 Mar	0.000272	0.00119	0.0984	0.00000816	3.9	5.17	0.0544	0.000773	38.9	0.00282	0.00859	0.000266	0.000513	0.000209	0.223	0.00000257	0.000687	0.000597	0.00164	0.000538
2044 Apr	0.000272	0.00119	0.0984	0.00000816	3.9	5.17	0.0544	0.000773	38.9	0.00282	0.00859	0.000266	0.000513	0.000209	0.223	0.00000257	0.000687	0.000597	0.00164	0.000538
2044 May	0.000272	0.00119	0.0985	0.00000817	3.9	5.17	0.0544	0.000773	38.9	0.00282	0.00859	0.000267	0.000513	0.000209	0.223	0.00000257	0.000687	0.000597	0.00164	0.000538
2044 Jun	0.000272	0.00118	0.0983	0.00000817	3.91	5.18	0.0544	0.000776	38.8	0.00283	0.00858	0.000266	0.000514	0.000209	0.224	0.00000257	0.000692	0.000597	0.00164	0.000541
2044 Jul	0.000272	0.00119	0.0984	0.00000818	3.92	5.18	0.0544	0.000778	38.8	0.00283	0.00859	0.000266	0.000515	0.000209	0.224	0.00000257	0.000693	0.000597	0.00164	0.000542
2044 Aug	0.000272	0.00119	0.0986	0.0000082	3.93	5.19	0.0545	0.000779	38.9	0.00283	0.00861	0.000267	0.000516	0.00021	0.225	0.00000257	0.000695	0.000599	0.00164	0.000543
2044 Sep	0.000272	0.00119	0.0986	0.0000082	3.93	5.2	0.0545	0.00078	38.8	0.00283	0.00861	0.000266	0.000516	0.00021	0.225	0.00000257	0.000695	0.000598	0.00164	0.000544
2044 Oct	0.000272	0.00119	0.0985	0.00000821	3.93	5.2	0.0545	0.000781	38.8	0.00283	0.0086	0.000266	0.000516	0.00021	0.225	0.00000257	0.000696	0.000598	0.00164	0.000545
2044 Nov	0.000272	0.00119	0.0985	0.00000821	3.93	5.2	0.0545	0.000781	38.8	0.00284	0.00861	0.000266	0.000516	0.00021	0.225	0.00000257	0.000697	0.000598	0.00164	0.000545
2044 Dec	0.000272	0.00119	0.0985	0.00000821	3.93	5.2	0.0545	0.000781	38.8	0.00284	0.00861	0.000266	0.000516	0.00021	0.225	0.00000257	0.000697	0.000598	0.00164	0.000545
2045 Jan	0.000272	0.00119	0.0985	0.00000821	3.93	5.2	0.0545	0.000781	38.8	0.00284	0.00861	0.000266	0.000516	0.00021	0.225	0.00000257	0.000697	0.000598	0.00164	0.000545
2045 Feb	0.000272	0.00119	0.0985	0.00000821	3.93	5.2	0.0545	0.000781	38.8	0.00284	0.00861	0.000266	0.000516	0.00021	0.225	0.00000257	0.000697	0.000598	0.00164	0.000545
2045 Mar	0.000272	0.00119	0.0985	0.00000821	3.93	5.2	0.0545	0.000781	38.8	0.00284	0.00861	0.000266	0.000517	0.00021	0.225	0.00000257	0.000697	0.000598	0.00164	0.000545
2045 Apr	0.000272	0.00119	0.0985	0.00000821	3.93	5.2	0.0545	0.000781	38.8	0.00284	0.00861	0.000266	0.000517	0.00021	0.225	0.00000257	0.000697	0.000598	0.00164	0.000545
2045 May	0.000272	0.00119	0.0986	0.00000821	3.94	5.2	0.0545	0.000782	38.8	0.00284	0.00861	0.000266	0.000517	0.00021	0.225	0.00000257	0.000697	0.000598	0.00164	0.000545
2045 Jun	0.000272	0.00119	0.0984	0.00000822	3.97	5.22	0.0546	0.000789	38.8	0.00285	0.0086	0.000265	0.00052	0.000211	0.226	0.00000257	0.000706	0.000598	0.00165	0.000552
2045 Jul	0.000272	0.00119	0.0984	0.00000823	3.98	5.23	0.0546	0.000792	38.8	0.00285	0.00861	0.000265	0.000522	0.000212	0.227	0.00000258	0.00071	0.000598	0.00165	0.000555
2045 Aug	0.000272	0.00119	0.0985	0.00000825	3.99	5.24	0.0547	0.000794	38.8	0.00286	0.00862	0.000265	0.000522	0.000212	0.227	0.00000258	0.000711	0.000599	0.00165	0.000556
2045 Sep	0.000272	0.00119	0.0985	0.00000825	3.99	5.24	0.0547	0.000794	38.8	0.00286	0.00862	0.000265	0.000523	0.000212	0.227	0.00000258	0.000712	0.000599	0.00165	0.000557
2045 Oct	0.000272	0.00119	0.0986	0.00000825	3.99	5.24	0.0547	0.000795	38.8	0.00286	0.00862	0.000265	0.000523	0.000212	0.227	0.00000258	0.000712	0.000599	0.00165	0.000557
2045 Nov	0.000272	0.00119	0.0986	0.00000825	3.99	5.24	0.0547	0.000795	38.8	0.00286	0.00863	0.000265	0.000523	0.000212	0.227	0.00000258	0.000712	0.000599	0.00165	0.000558
2045 Dec	0.000272	0.00119	0.0986	0.00000825	3.99	5.24	0.0547	0.000795	38.8	0.00286	0.00863	0.000265	0.000523	0.000212	0.227	0.00000258	0.000713	0.000599	0.00165	0.000558
2046 Jan	0.000272	0.00119	0.0986	0.00000825	3.99	5.24	0.0547	0.000795	38.8	0.00286	0.00863	0.000265	0.000523	0.000212	0.227	0.00000258	0.000713	0.000599	0.00165	0.000558

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2046 Feb	0.000272	0.00119	0.0986	0.00000825	3.99	5.24	0.0547	0.000795	38.8	0.00286	0.00863	0.000265	0.000523	0.000212	0.227	0.00000258	0.000713	0.000599	0.00165	0.000558
2046 Mar	0.000272	0.00119	0.0986	0.00000825	3.99	5.24	0.0547	0.000795	38.8	0.00286	0.00863	0.000265	0.000523	0.000212	0.227	0.00000258	0.000713	0.000599	0.00165	0.000558
2046 Apr	0.000272	0.00119	0.0986	0.00000826	3.99	5.25	0.0547	0.000795	38.8	0.00286	0.00863	0.000265	0.000523	0.000212	0.227	0.00000258	0.000713	0.0006	0.00165	0.000558
2046 May	0.000272	0.00119	0.0986	0.00000826	4	5.25	0.0547	0.000796	38.9	0.00286	0.00863	0.000265	0.000523	0.000212	0.228	0.00000258	0.000713	0.0006	0.00165	0.000558
2046 Jun	0.000272	0.00119	0.0984	0.00000827	4.01	5.26	0.0547	0.0008	38.7	0.00287	0.00862	0.000264	0.000525	0.000213	0.228	0.00000258	0.000719	0.000599	0.00165	0.000563
2046 Jul	0.000271	0.00119	0.0982	0.00000827	4.02	5.25	0.0546	0.000801	38.6	0.00286	0.00861	0.000263	0.000526	0.000213	0.228	0.00000258	0.000721	0.000598	0.00165	0.000565
2046 Aug	0.000271	0.00119	0.0983	0.00000829	4.02	5.26	0.0546	0.000803	38.6	0.00287	0.00862	0.000263	0.000527	0.000213	0.229	0.00000258	0.000722	0.000599	0.00166	0.000566
2046 Sep	0.000271	0.00119	0.0983	0.00000829	4.03	5.26	0.0546	0.000803	38.6	0.00287	0.00862	0.000263	0.000527	0.000213	0.229	0.00000258	0.000723	0.000599	0.00166	0.000567
2046 Oct	0.000271	0.00119	0.0982	0.00000829	4.03	5.26	0.0545	0.000804	38.5	0.00287	0.00862	0.000263	0.000527	0.000213	0.229	0.00000258	0.000724	0.000598	0.00166	0.000568
2046 Nov	0.000271	0.00119	0.0982	0.00000829	4.03	5.26	0.0545	0.000805	38.5	0.00287	0.00862	0.000262	0.000527	0.000213	0.229	0.00000258	0.000725	0.000598	0.00166	0.000568
2046 Dec	0.000271	0.00119	0.0982	0.00000829	4.03	5.26	0.0545	0.000805	38.5	0.00287	0.00862	0.000262	0.000527	0.000213	0.229	0.00000258	0.000725	0.000598	0.00166	0.000568
2047 Jan	0.000271	0.00119	0.0982	0.00000829	4.03	5.26	0.0545	0.000805	38.5	0.00287	0.00862	0.000262	0.000527	0.000213	0.229	0.00000258	0.000725	0.000598	0.00166	0.000568
2047 Feb	0.000271	0.00119	0.0982	0.00000829	4.03	5.26	0.0545	0.000805	38.5	0.00287	0.00862	0.000262	0.000527	0.000213	0.229	0.00000258	0.000725	0.000598	0.00166	0.000568
2047 Mar	0.000271	0.00119	0.0982	0.00000829	4.03	5.26	0.0546	0.000805	38.5	0.00287	0.00862	0.000262	0.000527	0.000213	0.229	0.00000258	0.000725	0.000598	0.00166	0.000568
2047 Apr	0.000271	0.00119	0.0982	0.00000829	4.03	5.26	0.0546	0.000805	38.5	0.00287	0.00862	0.000262	0.000527	0.000213	0.229	0.00000258	0.000725	0.000598	0.00166	0.000568
2047 May	0.000271	0.00119	0.0982	0.00000829	4.04	5.27	0.0546	0.000806	38.5	0.00287	0.00862	0.000263	0.000528	0.000213	0.229	0.00000258	0.000726	0.000599	0.00166	0.000569
2047 Jun	0.000271	0.00119	0.0983	0.0000083	4.05	5.28	0.0547	0.00081	38.4	0.00288	0.00861	0.000263	0.000529	0.000214	0.23	0.00000258	0.000732	0.000599	0.00166	0.000574
2047 Jul	0.000272	0.00119	0.0985	0.00000831	4.06	5.29	0.0548	0.000812	38.4	0.00288	0.00863	0.000264	0.00053	0.000214	0.23	0.00000258	0.000733	0.000601	0.00166	0.000575
2047 Aug	0.000272	0.00119	0.0987	0.00000833	4.07	5.3	0.0549	0.000813	38.5	0.00288	0.00864	0.000264	0.000531	0.000215	0.231	0.00000258	0.000734	0.000601	0.00166	0.000576
2047 Sep	0.000272	0.00119	0.0987	0.00000833	4.07	5.3	0.0549	0.000814	38.5	0.00289	0.00864	0.000264	0.000531	0.000215	0.231	0.00000258	0.000736	0.000601	0.00166	0.000577
2047 Oct	0.000272	0.00119	0.0987	0.00000833	4.08	5.31	0.055	0.000816	38.4	0.00289	0.00864	0.000264	0.000532	0.000215	0.231	0.00000258	0.000737	0.000601	0.00166	0.000579
2047 Nov	0.000272	0.00119	0.0986	0.00000833	4.08	5.31	0.055	0.000816	38.4	0.00289	0.00864	0.000264	0.000532	0.000215	0.231	0.00000258	0.000738	0.000601	0.00166	0.00058
2047 Dec	0.000272	0.00119	0.0987	0.00000833	4.08	5.31	0.055	0.000816	38.4	0.00289	0.00864	0.000264	0.000532	0.000215	0.231	0.00000258	0.000738	0.000601	0.00166	0.00058
2048 Jan	0.000272	0.00119	0.0987	0.00000833	4.08	5.31	0.055	0.000816	38.4	0.00289	0.00864	0.000264	0.000532	0.000215	0.231	0.00000258	0.000738	0.000601	0.00166	0.00058
2048 Feb	0.000272	0.00119	0.0987	0.00000833	4.08	5.31	0.055	0.000816	38.4	0.00289	0.00864	0.000264	0.000532	0.000215	0.231	0.00000258	0.000738	0.000601	0.00166	0.00058
2048 Mar	0.000272	0.00119	0.0987	0.00000833	4.08	5.31	0.055	0.000816	38.4	0.00289	0.00864	0.000264	0.000532	0.000215	0.231	0.00000258	0.000738	0.000601	0.00166	0.00058
2048 Apr	0.000272	0.00119	0.0987	0.00000833	4.08	5.31	0.055	0.000816	38.4	0.00289	0.00864	0.000264	0.000532	0.000215	0.231	0.00000258	0.000738	0.000601	0.00166	0.00058
2048 May	0.000273	0.00119	0.0987	0.00000834	4.08	5.31	0.055	0.000817	38.5	0.00289	0.00865	0.000264	0.000532	0.000215	0.231	0.00000258	0.000739	0.000602	0.00166	0.00058
2048 Jun	0.000272	0.00119	0.0985	0.00000834	4.09	5.31	0.0549	0.000819	38.3	0.00289	0.00864	0.000263	0.000533	0.000215	0.232	0.00000258	0.000741	0.000601	0.00166	0.000583
2048 Jul	0.000271	0.00119	0.0985	0.00000835	4.09	5.31	0.0548	0.00082	38.2	0.00289	0.00863	0.000263	0.000533	0.000215	0.232	0.00000258	0.000743	0.000601	0.00166	0.000584
2048 Aug	0.000272	0.00119	0.0985	0.00000836	4.1	5.31	0.0549	0.00082	38.2	0.00289	0.00864	0.000263	0.000534	0.000215	0.232	0.00000258	0.000744	0.000601	0.00166	0.000585
2048 Sep	0.000271	0.00119	0.0985	0.00000837	4.1	5.32	0.0548	0.000821	38.1	0.00289	0.00864	0.000263	0.000534	0.000216	0.232	0.00000258	0.000745	0.000601	0.00166	0.000586
2048 Oct	0.000271	0.00119	0.0984	0.00000837	4.1	5.32	0.0548	0.000822	38.1	0.00289	0.00864	0.000262	0.000534	0.000216	0.232	0.00000258	0.000746	0.0006	0.00166	0.000587
2048 Nov	0.000271	0.00119	0.0984	0.00000837	4.1	5.32	0.0548	0.000823	38.1	0.00289	0.00864	0.000262	0.000534	0.000216	0.232	0.00000258	0.000746	0.0006	0.00166	0.000588
2048 Dec	0.000271	0.00119	0.0984	0.00000837	4.1	5.32	0.0548	0.000823	38.1	0.00289	0.00864	0.000262	0.000534	0.000216	0.232	0.00000258	0.000746	0.0006	0.00166	0.000588
2049 Jan	0.000271	0.00119	0.0984	0.00000837	4.1	5.32	0.0548	0.000823	38.1	0.00289	0.00864	0.000262	0.000534	0.000216	0.232	0.00000258	0.000746	0.0006	0.00166	0.000588
2049 Feb	0.000271	0.00119	0.0984	0.00000837	4.1	5.32	0.0548	0.000823	38.1	0.00289	0.00864	0.000262	0.000534	0.000216	0.232	0.00000258	0.000746	0.0006	0.00166	0.000588
2049 Mar	0.000271	0.00119	0.0984	0.00000837	4.1	5.32	0.0548	0.000823	38.1	0.00289	0.00864	0.000262	0.000534	0.000216	0.232	0.00000258	0.000746	0.0006	0.00166	0.000588
2049 Apr	0.000271	0.00119	0.0985	0.00000837	4.1	5.32	0.0548	0.000823	38.1	0.00289	0.00864	0.000262	0.000534	0.000216	0.232	0.00000258	0.000746	0.000601	0.00166	0.000588
2049 May	0.000272	0.00119	0.0985	0.00000837	4.11	5.32	0.0549	0.000823	38.1	0.00289	0.00864	0.000263	0.000535	0.000216	0.232	0.00000258	0.000746	0.000601	0.00167	0.000588
2049 Jun	0.000271	0.00119	0.0983	0.00000837	4.11	5.31	0.0547	0.000824	37.9	0.00289	0.00863	0.000261	0.000535	0.000216	0.232	0.00000258	0.000748	0.0006	0.00166	0.00059
2049 Jul	0.00027	0.00119	0.0982	0.00000838	4.11	5.31	0.0546	0.000825	37.8	0.00289	0.00863	0.000261	0.000535	0.000216	0.232	0.00000257	0.000749	0.000599	0.00167	0.000591
2049 Aug	0.000271	0.00119	0.0984	0.0000084	4.12	5.32	0.0547	0.000826	37.9	0.00289	0.00864	0.000261	0.000536	0.000216	0.233	0.00000258	0.000751	0.0006	0.00167	0.000593
2049 Sep	0.000271	0.00119	0.0983	0.0000084	4.12	5.32	0.0547	0.000827	37.9	0.00289	0.00864	0.000261	0.000536	0.000216	0.233	0.00000258	0.000751	0.0006	0.00167	0.000594
2049 Oct	0.00027	0.00119	0.0983	0.0000084	4.12	5.32	0.0547	0.000828	37.8	0.00289	0.00864	0.000261	0.000536	0.000216	0.233	0.00000258	0.000752	0.0006	0.00167	0.000595
2049 Nov	0.00027	0.00119	0.0983	0.0000084	4.12	5.33	0.0547	0.000828	37.8	0.0029	0.00864	0.00026	0.000536	0.000216	0.233	0.00000258	0.000753	0.0006	0.00167	0.000595
2049 Dec	0.00027	0.00119	0.0983	0.0000084	4.12	5.33	0.0547	0.000828	37.8	0.0029	0.00864	0.00026	0.000536	0.000216	0.233	0.00000258	0.000753	0.0006	0.00167	0.000595
2050 Jan	0.00027	0.00119	0.0983	0.0000084	4.12	5.33	0.0547	0.000828	37.8	0.0029	0.00864	0.00026	0.000536	0.000216	0.233	0.00000258	0.000753	0.0006	0.00167	0.000595
2050 Feb	0.00027	0.00119	0.0983	0.0000084	4.12	5.33	0.0547	0.000828	37.8	0.0029	0.00864	0.00026	0.000536	0.000216	0.233	0.00000258	0.000753	0.0006	0.00167	0.000595
2050 Mar	0.00027	0.00119	0.0983	0.0000084	4.12	5.33	0.0547	0.000828	37.8	0.0029	0.00864	0.00026	0.000536	0.000216	0.233	0.00000258	0.000753	0.0006	0.00167	0.000595
2050 Apr	0.00027	0.00119	0.0983	0.0000084	4.12	5.33	0.0547	0.000828	37.8	0.0029	0.00864	0.000261	0.000537	0.000216	0.233	0.00000258	0.000753	0.0006	0.00167	0.000595
2050 May	0.00027	0.00119	0.0983	0.00000841	4.13	5.33	0.0547	0.000829	37.9	0.0029	0.00864	0.000261	0.000537	0.000216	0.233	0.00000258	0.000753	0.0006	0.00167	0.000595
2050 Jun	0.00027	0.00119	0.0982	0.00000841	4.13	5.33	0.0547	0.00083	37.7	0.0029	0.00864	0.00026	0.000537	0.000216	0.233	0.00000258	0.000756	0.000599	0.00167	0.000598
2050 Jul	0.000269	0.00119	0.0981	0.00000842	4.13	5.32	0.0546	0.00083	37.6	0.00289	0.00863	0.000259	0.000537	0.000216	0.233	0.00000257	0.000756	0.000599	0.00167	0.000599
2050 Aug	0.00027	0.00119	0.0982	0.00000843	4.13	5.33	0.0546	0.000831	37.6	0.0029	0.00864	0.00026	0.000538	0.000216	0.233	0.00000257	0.000757	0.000599	0.00167	0.0006
2050 Sep	0.00027	0.00119	0.0982	0.00000843	4.14	5.33	0.0546	0.000832	37.6	0.0029	0.00864	0.000259	0.000538	0.000216	0.233	0.00000258	0.000758	0.000599	0.00167	0.000601
2050 Oct	0.00027	0.00119	0.0982	0.00000844	4.14	5.33	0.0546	0.000832	37.6	0.0029	0.00864	0.000259	0.000538	0.000216	0.233	0.00000258	0.000758	0.000599	0.00167	0.000601
2050 Nov	0.00027	0.00119	0.0982	0.00000844	4.14	5.33	0.0546	0.000832	37.6	0.0029	0.00865	0.000259	0.000538	0.000216	0.233	0.00000258	0.000758	0.000599	0.00167	0.000601
2050 Dec	0.00027	0.00119	0.0982	0.00000844	4.14	5.33	0.0546	0.000832	37.6	0.0029	0.00865	0.000259	0.000538	0.000216	0.233	0.00000258	0.000758	0.000599	0.00167	0.000601
2051 Jan	0.00027	0.00119	0.0982	0.00000844	4.14	5.33	0.0546	0.000832	37.6	0.0029	0.00865	0.000259	0.000538	0.000216	0.233	0.00000258	0.000758	0.000599	0.00167	0.000601
2051 Feb	0.00027	0.00119	0.0982	0.00000844	4.14	5.33	0.0546	0.000832	37.6	0.0029	0.00865	0.000259	0.000538	0.000216	0.233	0.00000258	0.000758	0.000599	0.00167	0.000601
2051 Mar	0.00027	0.00119	0.0982	0.00000844	4.14	5.33	0.0546	0.000832	37.6	0.0029	0.00865	0.000259	0.000538	0.000216	0.233	0.00000258	0.000758	0.000599	0.00167	0.000601
2051 Apr	0.00027	0.00119	0.0982	0.00000844	4.14	5.33	0.0546	0.000832	37.6	0.0029	0.00865	0.00026	0.000538	0.000217	0.233	0.00000258	0.000758	0.0006	0.00167	0.000601
2051 May	0.00027	0.00119	0.0983	0.00000844	4.14	5.34	0.0547	0.000833	37.6	0.0029	0.00865	0.00026	0.000539	0.000217	0.234	0.00000258	0.000759	0.0006	0.00167	0.000602
2051 Jun	0.00027	0.00119	0.0982	0.00000845	4.17	5.35	0.0548	0.000839	37.3	0.00291	0.00863	0.00026	0.000541	0.000218	0.235	0.00000257	0.000768	0.0006	0.00167	0.000611
2051 Jul	0.00027	0.00119	0.0982	0.00000845	4.17	5.36	0.0548	0.00084	37.3	0.00291	0.00864	0.00026	0.000542	0.000218	0.235	0.00000257	0.000769	0.000601	0.00167	0.000613
2051 Aug	0.00027	0.00119	0.0983	0.00000846	4.18	5.36	0.0548	0.000841	37.3	0.00291	0.00864	0.00026	0.000542	0.000218	0.235	0.00000257	0.00077	0.000601	0.00168	0.000614
2051 Sep	0.00027	0.00119	0.0982	0.00000846	4.18	5.36	0.0548	0.000842	37.2	0.00291	0.00864	0.000259	0.000542	0.000218	0.235	0.00000257	0.000771	0.0006	0.00167	0.000615

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2051 Oct	0.000269	0.00118	0.098	0.00000846	4.18	5.36	0.0547	0.000843	37.1	0.00291	0.00863	0.000258	0.000542	0.000218	0.235	0.00000257	0.000771	0.000599	0.00167	0.000617
2051 Nov	0.000269	0.00118	0.098	0.00000846	4.18	5.36	0.0546	0.000843	37.1	0.00291	0.00863	0.000258	0.000542	0.000218	0.235	0.00000257	0.000771	0.000599	0.00167	0.000617
2051 Dec	0.000269	0.00118	0.098	0.00000846	4.18	5.36	0.0546	0.000843	37.1	0.00291	0.00863	0.000258	0.000542	0.000218	0.235	0.00000257	0.000772	0.000599	0.00167	0.000617
2052 Jan	0.000269	0.00118	0.098	0.00000846	4.18	5.36	0.0546	0.000843	37.1	0.00291	0.00863	0.000258	0.000542	0.000218	0.235	0.00000257	0.000772	0.000599	0.00167	0.000617
2052 Feb	0.000269	0.00118	0.098	0.00000846	4.18	5.36	0.0546	0.000843	37.1	0.00291	0.00863	0.000258	0.000542	0.000218	0.235	0.00000257	0.000772	0.000599	0.00167	0.000617
2052 Mar	0.000269	0.00119	0.098	0.00000846	4.18	5.36	0.0547	0.000843	37.1	0.00291	0.00863	0.000258	0.000542	0.000218	0.235	0.00000257	0.000772	0.000599	0.00167	0.000617
2052 Apr	0.000269	0.00119	0.098	0.00000846	4.18	5.36	0.0547	0.000843	37.1	0.00291	0.00863	0.000258	0.000542	0.000218	0.235	0.00000257	0.000772	0.000599	0.00167	0.000617
2052 May	0.000269	0.00119	0.0981	0.00000847	4.18	5.36	0.0547	0.000843	37.1	0.00291	0.00863	0.000259	0.000542	0.000218	0.235	0.00000257	0.000772	0.000599	0.00167	0.000618
2052 Jun	0.00027	0.00119	0.0982	0.00000847	4.19	5.36	0.0547	0.000844	37	0.00291	0.00863	0.000259	0.000542	0.000218	0.235	0.00000257	0.000773	0.0006	0.00167	0.000619
2052 Jul	0.00027	0.00119	0.0983	0.00000848	4.19	5.36	0.0548	0.000845	37	0.00291	0.00864	0.000259	0.000542	0.000218	0.235	0.00000257	0.000774	0.0006	0.00167	0.00062
2052 Aug	0.00027	0.00119	0.0983	0.00000849	4.19	5.37	0.0548	0.000846	37	0.00291	0.00864	0.000259	0.000543	0.000218	0.236	0.00000257	0.000775	0.0006	0.00167	0.000622
2052 Sep	0.00027	0.00119	0.0983	0.00000849	4.2	5.37	0.0548	0.000847	37	0.00291	0.00864	0.000259	0.000543	0.000218	0.236	0.00000257	0.000776	0.0006	0.00167	0.000623
2052 Oct	0.00027	0.00119	0.0983	0.0000085	4.2	5.37	0.0548	0.000848	36.9	0.00291	0.00864	0.000259	0.000543	0.000218	0.236	0.00000257	0.000776	0.0006	0.00167	0.000623
2052 Nov	0.00027	0.00119	0.0983	0.0000085	4.2	5.37	0.0548	0.000848	36.9	0.00291	0.00865	0.000259	0.000543	0.000218	0.236	0.00000257	0.000777	0.0006	0.00167	0.000623
2052 Dec	0.00027	0.00119	0.0984	0.0000085	4.2	5.37	0.0548	0.000848	36.9	0.00291	0.00865	0.000259	0.000543	0.000218	0.236	0.00000257	0.000777	0.0006	0.00167	0.000623
2053 Jan	0.00027	0.00119	0.0984	0.0000085	4.2	5.37	0.0548	0.000848	36.9	0.00291	0.00865	0.000259	0.000543	0.000218	0.236	0.00000257	0.000777	0.0006	0.00167	0.000623
2053 Feb	0.00027	0.00119	0.0984	0.0000085	4.2	5.37	0.0548	0.000848	36.9	0.00291	0.00865	0.000259	0.000543	0.000218	0.236	0.00000257	0.000777	0.0006	0.00167	0.000624
2053 Mar	0.00027	0.00119	0.0984	0.0000085	4.2	5.38	0.0548	0.000848	36.9	0.00291	0.00865	0.000259	0.000543	0.000218	0.236	0.00000257	0.000777	0.0006	0.00167	0.000624
2053 Apr	0.00027	0.00119	0.0984	0.0000085	4.2	5.38	0.0548	0.000848	36.9	0.00291	0.00865	0.000259	0.000544	0.000218	0.236	0.00000257	0.000777	0.0006	0.00167	0.000624
2053 May	0.000271	0.00119	0.0985	0.00000851	4.21	5.39	0.0549	0.000851	36.9	0.00292	0.00865	0.00026	0.000545	0.000219	0.237	0.00000257	0.00078	0.000601	0.00168	0.000627
2053 Jun	0.000272	0.00119	0.0987	0.00000851	4.23	5.4	0.0552	0.000855	36.7	0.00292	0.00864	0.000261	0.000546	0.00022	0.238	0.00000257	0.000786	0.000603	0.00167	0.000634
2053 Jul	0.000272	0.00119	0.0988	0.00000852	4.24	5.41	0.0553	0.000857	36.7	0.00293	0.00865	0.000262	0.000547	0.00022	0.238	0.00000257	0.000787	0.000603	0.00168	0.000636
2053 Aug	0.000272	0.00119	0.099	0.00000854	4.25	5.42	0.0553	0.000858	36.8	0.00293	0.00867	0.000262	0.000548	0.00022	0.238	0.00000257	0.000789	0.000604	0.00168	0.000637
2053 Sep	0.000273	0.00119	0.0991	0.00000855	4.25	5.43	0.0554	0.00086	36.8	0.00294	0.00867	0.000262	0.000549	0.000221	0.239	0.00000258	0.00079	0.000605	0.00168	0.000638
2053 Oct	0.000273	0.00119	0.0991	0.00000855	4.26	5.43	0.0554	0.000861	36.8	0.00294	0.00868	0.000263	0.000549	0.000221	0.239	0.00000258	0.000791	0.000605	0.00168	0.00064
2053 Nov	0.000273	0.00119	0.0991	0.00000855	4.26	5.43	0.0555	0.000861	36.8	0.00294	0.00868	0.000263	0.000549	0.000221	0.239	0.00000258	0.000792	0.000605	0.00168	0.00064
2053 Dec	0.000273	0.00119	0.0991	0.00000855	4.26	5.43	0.0555	0.000861	36.8	0.00294	0.00868	0.000263	0.000549	0.000221	0.239	0.00000258	0.000792	0.000605	0.00168	0.00064
2054 Jan	0.000273	0.00119	0.0991	0.00000855	4.26	5.43	0.0555	0.000861	36.8	0.00294	0.00868	0.000263	0.000549	0.000221	0.239	0.00000258	0.000792	0.000605	0.00168	0.00064
2054 Feb	0.000273	0.00119	0.0991	0.00000855	4.26	5.43	0.0555	0.000861	36.8	0.00294	0.00868	0.000263	0.000549	0.000221	0.239	0.00000258	0.000792	0.000605	0.00168	0.00064
2054 Mar	0.000273	0.00119	0.0991	0.00000855	4.26	5.43	0.0555	0.000861	36.8	0.00294	0.00868	0.000263	0.000549	0.000221	0.239	0.00000258	0.000792	0.000605	0.00168	0.00064
2054 Apr	0.000273	0.00119	0.0991	0.00000855	4.26	5.44	0.0555	0.000861	36.8	0.00294	0.00868	0.000263	0.00055	0.000221	0.239	0.00000258	0.000792	0.000605	0.00168	0.00064
2054 May	0.000273	0.00119	0.0992	0.00000856	4.27	5.44	0.0555	0.000862	36.8	0.00294	0.00868	0.000263	0.00055	0.000221	0.239	0.00000258	0.000793	0.000606	0.00168	0.000641
2054 Jun	0.000274	0.00119	0.0994	0.00000856	4.28	5.46	0.0557	0.000866	36.6	0.00295	0.00867	0.000264	0.000552	0.000222	0.24	0.00000257	0.000798	0.000607	0.00168	0.000648
2054 Jul	0.000274	0.00119	0.0994	0.00000857	4.29	5.46	0.0557	0.000867	36.6	0.00295	0.00867	0.000264	0.000552	0.000222	0.24	0.00000257	0.000799	0.000608	0.00168	0.00065
2054 Aug	0.000274	0.00119	0.0995	0.00000857	4.29	5.46	0.0558	0.000868	36.6	0.00295	0.00868	0.000265	0.000553	0.000222	0.241	0.00000257	0.000801	0.000608	0.00168	0.000652
2054 Sep	0.000274	0.00119	0.0995	0.00000858	4.3	5.47	0.0558	0.000869	36.6	0.00295	0.00868	0.000265	0.000553	0.000222	0.241	0.00000257	0.000801	0.000608	0.00168	0.000653
2054 Oct	0.000274	0.00119	0.0994	0.00000858	4.3	5.47	0.0558	0.000869	36.5	0.00295	0.00868	0.000264	0.000553	0.000222	0.241	0.00000257	0.000802	0.000608	0.00168	0.000654
2054 Nov	0.000274	0.00119	0.0994	0.00000858	4.3	5.47	0.0558	0.00087	36.5	0.00295	0.00868	0.000264	0.000553	0.000222	0.241	0.00000257	0.000802	0.000608	0.00168	0.000654
2054 Dec	0.000274	0.00119	0.0994	0.00000858	4.3	5.47	0.0558	0.00087	36.5	0.00295	0.00868	0.000264	0.000553	0.000222	0.241	0.00000257	0.000802	0.000608	0.00168	0.000654
2055 Jan	0.000274	0.00119	0.0994	0.00000858	4.3	5.47	0.0558	0.00087	36.5	0.00295	0.00868	0.000264	0.000553	0.000222	0.241	0.00000257	0.000802	0.000608	0.00168	0.000654
2055 Feb	0.000274	0.00119	0.0994	0.00000858	4.3	5.47	0.0558	0.00087	36.5	0.00295	0.00868	0.000264	0.000553	0.000222	0.241	0.00000257	0.000802	0.000608	0.00168	0.000654
2055 Mar	0.000274	0.00119	0.0994	0.00000858	4.3	5.47	0.0558	0.00087	36.5	0.00295	0.00868	0.000264	0.000553	0.000222	0.241	0.00000257	0.000802	0.000608	0.00168	0.000654
2055 Apr	0.000274	0.00119	0.0994	0.00000858	4.3	5.47	0.0558	0.00087	36.5	0.00295	0.00868	0.000264	0.000553	0.000222	0.241	0.00000257	0.000802	0.000608	0.00168	0.000654
2055 May	0.000274	0.0012	0.0995	0.00000858	4.3	5.47	0.0558	0.00087	36.5	0.00295	0.00868	0.000264	0.000553	0.000222	0.241	0.00000257	0.000803	0.000608	0.00168	0.000655
2055 Jun	0.000273	0.00119	0.0992	0.00000859	4.3	5.46	0.0557	0.000871	36.3	0.00295	0.00866	0.000263	0.000553	0.000222	0.241	0.00000257	0.000805	0.000607	0.00168	0.000659
2055 Jul	0.000273	0.00119	0.0992	0.00000859	4.3	5.46	0.0556	0.000872	36.2	0.00295	0.00866	0.000263	0.000554	0.000222	0.241	0.00000257	0.000805	0.000606	0.00168	0.00066
2055 Aug	0.000273	0.00119	0.0993	0.00000861	4.31	5.47	0.0557	0.000873	36.3	0.00295	0.00868	0.000263	0.000554	0.000222	0.241	0.00000257	0.000807	0.000607	0.00169	0.000661
2055 Sep	0.000273	0.00119	0.0993	0.00000861	4.31	5.47	0.0557	0.000873	36.2	0.00295	0.00868	0.000263	0.000554	0.000222	0.241	0.00000257	0.000807	0.000607	0.00169	0.000662
2055 Oct	0.000273	0.00119	0.0993	0.00000861	4.31	5.47	0.0557	0.000873	36.2	0.00295	0.00868	0.000263	0.000554	0.000222	0.241	0.00000257	0.000807	0.000607	0.00169	0.000662
2055 Nov	0.000273	0.00119	0.0993	0.00000861	4.31	5.47	0.0557	0.000873	36.2	0.00295	0.00868	0.000263	0.000555	0.000222	0.241	0.00000257	0.000807	0.000607	0.00169	0.000662
2055 Dec	0.000273	0.00119	0.0993	0.00000861	4.31	5.47	0.0557	0.000873	36.2	0.00295	0.00868	0.000263	0.000555	0.000222	0.241	0.00000257	0.000807	0.000607	0.00169	0.000662
2056 Jan	0.000273	0.00119	0.0993	0.00000861	4.31	5.47	0.0557	0.000873	36.2	0.00295	0.00868	0.000263	0.000555	0.000222	0.241	0.00000257	0.000807	0.000607	0.00169	0.000662
2056 Feb	0.000273	0.00119	0.0993	0.00000861	4.31	5.47	0.0557	0.000873	36.2	0.00295	0.00868	0.000263	0.000555	0.000222	0.241	0.00000257	0.000807	0.000607	0.00169	0.000662
2056 Mar	0.000273	0.00119	0.0993	0.00000861	4.31	5.47	0.0557	0.000873	36.2	0.00295	0.00868	0.000263	0.000555	0.000222	0.241	0.00000257	0.000807	0.000607	0.00169	0.000662
2056 Apr	0.000273	0.00119	0.0993	0.00000861	4.31	5.47	0.0557	0.000874	36.2	0.00295	0.00868	0.000263	0.000555	0.000222	0.241	0.00000257	0.000807	0.000607	0.00169	0.000662
2056 May	0.000274	0.00119	0.0994	0.00000862	4.32	5.48	0.0557	0.000874	36.2	0.00295	0.00868	0.000263	0.000555	0.000223	0.241	0.00000257	0.000808	0.000608	0.00169	0.000663
2056 Jun	0.000274	0.00119	0.0996	0.00000862	4.31	5.47	0.0558	0.000872	36	0.00295	0.00868	0.000264	0.000554	0.000222	0.241	0.00000257	0.000807	0.000609	0.00169	0.000663
2056 Jul	0.000274	0.00119	0.0997	0.00000863	4.31	5.48	0.0558	0.000874	36	0.00295	0.00869	0.000265	0.000554	0.000222	0.241	0.00000257	0.000808	0.000609	0.00169	0.000665
2056 Aug	0.000275	0.00119	0.0998	0.00000865	4.32	5.48	0.0559	0.000874	36.1	0.00295	0.0087	0.000265	0.000555	0.000223	0.242	0.00000257	0.000809	0.00061	0.00169	0.000666
2056 Sep	0.000275	0.00119	0.0999	0.00000865	4.32	5.49	0.0559	0.000875	36.1	0.00296	0.0087	0.000265	0.000555	0.000223	0.242	0.00000257	0.000809	0.00061	0.00169	0.000666
2056 Oct	0.000275	0.00119	0.0999	0.00000865	4.32	5.49	0.0559	0.000876	36	0.00296	0.0087	0.000265	0.000555	0.000223	0.242	0.00000257	0.00081	0.00061	0.00169	0.000667
2056 Nov	0.000275	0.00119	0.0999	0.00000865	4.32	5.49	0.0559	0.000876	36	0.00296	0.0087	0.000265	0.000555	0.000223	0.242	0.00000257	0.00081	0.00061	0.00169	0.000668
2056 Dec	0.000275	0.00119	0.0999	0.00000865	4.32	5.49	0.0559	0.000876	36	0.00296	0.0087	0.000265	0.000555	0.000223	0.242	0.00000257	0.00081	0.00061	0.00169	0.000668
2057 Jan	0.000275	0.00119	0.0999	0.00000866	4.32	5.49	0.0559	0.000876	36	0.00296	0.0087	0.000265	0.000555	0.000223	0.242	0.00000257	0.00081	0.00061	0.00169	0.000668
2057 Feb	0.000275	0.00119	0.0999	0.00000866	4.32	5.49	0.0559	0.000876	36	0.00296	0.0087	0.000265	0.000555	0.000223	0.242	0.00000257	0.00081	0.00061	0.00169	0.000668
2057 Mar	0.000275	0.00119	0.0999	0.00000866	4.32	5.49	0.0559	0.000876	36	0.00296	0.0087	0.000265	0.000555	0.000223	0.242	0.00000257	0.00081	0.00061	0.00169	0.000668
2057 Apr	0.000275	0.00119	0.0999	0.00000866	4.33	5.49	0.0559	0.000876	36	0.00296	0.0087	0.000265	0.000556	0.000223	0.242	0.00000257	0.00081	0.00061	0.00169	0.000668
2057 May	0.000275	0.0012	0.1	0.00000866	4.33	5.49	0.056	0.000877	36	0.00296	0.00871	0.000266	0.000556	0.000223	0.242	0.00000257	0.000811	0.000611	0.00169	0.000668

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2057 Jun	0.000275	0.00119	0.1	0.00000866	4.33	5.49	0.056	0.000876	35.8	0.00295	0.0087	0.000266	0.000555	0.000223	0.242	0.00000257	0.00081	0.000611	0.00169	0.00067
2057 Jul	0.000276	0.00119	0.1	0.00000868	4.33	5.49	0.0561	0.000876	35.8	0.00296	0.00871	0.000267	0.000556	0.000223	0.242	0.00000257	0.000811	0.000612	0.00169	0.000671
2057 Aug	0.000276	0.0012	0.1	0.0000087	4.34	5.5	0.0562	0.000878	35.9	0.00296	0.00873	0.000267	0.000557	0.000223	0.243	0.00000258	0.000813	0.000613	0.0017	0.000673
2057 Sep	0.000276	0.0012	0.1	0.0000087	4.34	5.51	0.0562	0.000879	35.9	0.00296	0.00874	0.000267	0.000557	0.000223	0.243	0.00000258	0.000814	0.000614	0.0017	0.000674
2057 Oct	0.000276	0.0012	0.1	0.00000871	4.34	5.51	0.0562	0.00088	35.9	0.00296	0.00874	0.000267	0.000557	0.000224	0.243	0.00000258	0.000814	0.000614	0.0017	0.000675
2057 Nov	0.000276	0.0012	0.101	0.00000871	4.34	5.51	0.0562	0.00088	35.9	0.00297	0.00874	0.000267	0.000558	0.000224	0.243	0.00000258	0.000814	0.000614	0.0017	0.000675
2057 Dec	0.000276	0.0012	0.101	0.00000871	4.34	5.51	0.0562	0.00088	35.9	0.00297	0.00874	0.000267	0.000558	0.000224	0.243	0.00000258	0.000814	0.000614	0.0017	0.000675
2058 Jan	0.000276	0.0012	0.101	0.00000871	4.34	5.51	0.0562	0.00088	35.9	0.00297	0.00874	0.000267	0.000558	0.000224	0.243	0.00000258	0.000814	0.000614	0.0017	0.000675
2058 Feb	0.000276	0.0012	0.101	0.00000871	4.34	5.51	0.0562	0.00088	35.9	0.00297	0.00874	0.000267	0.000558	0.000224	0.243	0.00000258	0.000814	0.000614	0.0017	0.000675
2058 Mar	0.000276	0.0012	0.101	0.00000871	4.34	5.51	0.0562	0.00088	35.9	0.00297	0.00874	0.000267	0.000558	0.000224	0.243	0.00000258	0.000814	0.000614	0.0017	0.000675
2058 Apr	0.000276	0.0012	0.101	0.00000871	4.34	5.51	0.0562	0.00088	35.9	0.00297	0.00874	0.000267	0.000558	0.000224	0.243	0.00000258	0.000815	0.000614	0.0017	0.000675
2058 May	0.000277	0.0012	0.101	0.00000872	4.36	5.52	0.0564	0.000883	35.9	0.00297	0.00874	0.000268	0.000559	0.000224	0.244	0.00000258	0.000818	0.000615	0.0017	0.00068
2058 Jun	0.000278	0.0012	0.101	0.00000871	4.39	5.55	0.0567	0.00089	35.5	0.00298	0.00872	0.00027	0.000562	0.000225	0.245	0.00000257	0.000827	0.000617	0.0017	0.000695
2058 Jul	0.000279	0.0012	0.101	0.00000873	4.4	5.55	0.0568	0.000891	35.5	0.00298	0.00873	0.000271	0.000562	0.000226	0.246	0.00000257	0.000829	0.000618	0.0017	0.000696
2058 Aug	0.000279	0.0012	0.101	0.00000874	4.4	5.56	0.0569	0.000892	35.6	0.00299	0.00874	0.000271	0.000563	0.000226	0.246	0.00000258	0.00083	0.000619	0.0017	0.000698
2058 Sep	0.000279	0.0012	0.101	0.00000874	4.41	5.57	0.0569	0.000893	35.5	0.00299	0.00874	0.000271	0.000564	0.000226	0.246	0.00000258	0.000831	0.000619	0.0017	0.000699
2058 Oct	0.000279	0.0012	0.101	0.00000874	4.41	5.57	0.0569	0.000894	35.5	0.00299	0.00874	0.000271	0.000564	0.000226	0.246	0.00000258	0.000831	0.000619	0.0017	0.0007
2058 Nov	0.000279	0.0012	0.101	0.00000874	4.41	5.57	0.0569	0.000894	35.5	0.00299	0.00874	0.000271	0.000564	0.000226	0.246	0.00000258	0.000832	0.000619	0.0017	0.000701
2058 Dec	0.000279	0.0012	0.101	0.00000874	4.41	5.57	0.0569	0.000894	35.5	0.00299	0.00874	0.000271	0.000564	0.000226	0.246	0.00000258	0.000832	0.000619	0.0017	0.000701
2059 Jan	0.000279	0.0012	0.101	0.00000874	4.41	5.57	0.0569	0.000894	35.5	0.00299	0.00874	0.000271	0.000564	0.000226	0.246	0.00000258	0.000832	0.000619	0.0017	0.000701
2059 Feb	0.000279	0.0012	0.101	0.00000874	4.41	5.57	0.0569	0.000894	35.5	0.00299	0.00874	0.000271	0.000564	0.000226	0.246	0.00000258	0.000832	0.000619	0.0017	0.000701
2059 Mar	0.000279	0.0012	0.101	0.00000874	4.41	5.57	0.0569	0.000894	35.5	0.00299	0.00874	0.000271	0.000564	0.000226	0.246	0.00000258	0.000832	0.000619	0.0017	0.000701
2059 Apr	0.000279	0.0012	0.101	0.00000875	4.41	5.57	0.0569	0.000894	35.5	0.00299	0.00874	0.000271	0.000564	0.000226	0.246	0.00000258	0.000832	0.000619	0.0017	0.000701
2059 May	0.00028	0.0012	0.101	0.00000875	4.41	5.57	0.057	0.000895	35.5	0.00299	0.00875	0.000271	0.000564	0.000226	0.246	0.00000258	0.000833	0.00062	0.0017	0.000702
2059 Jun	0.00028	0.0012	0.101	0.00000876	4.42	5.58	0.0571	0.000897	35.4	0.00299	0.00875	0.000273	0.000565	0.000227	0.247	0.00000258	0.000835	0.000621	0.0017	0.000707
2059 Jul	0.000281	0.00121	0.102	0.00000878	4.43	5.6	0.0573	0.000899	35.5	0.003	0.00877	0.000273	0.000566	0.000227	0.248	0.00000258	0.000837	0.000622	0.00171	0.000708
2059 Aug	0.000282	0.00121	0.102	0.00000879	4.44	5.61	0.0574	0.0009	35.5	0.00301	0.00878	0.000274	0.000567	0.000228	0.248	0.00000259	0.000839	0.000623	0.00171	0.00071
2059 Sep	0.000282	0.00121	0.102	0.0000088	4.44	5.61	0.0574	0.000901	35.5	0.00301	0.00878	0.000274	0.000568	0.000228	0.248	0.00000259	0.000839	0.000624	0.00171	0.000711
2059 Oct	0.000282	0.00121	0.102	0.0000088	4.45	5.61	0.0574	0.000902	35.4	0.00301	0.00878	0.000274	0.000568	0.000228	0.248	0.00000258	0.00084	0.000623	0.00171	0.000713
2059 Nov	0.000282	0.00121	0.102	0.0000088	4.45	5.61	0.0574	0.000902	35.4	0.00301	0.00878	0.000274	0.000568	0.000228	0.248	0.00000258	0.00084	0.000623	0.00171	0.000714
2059 Dec	0.000282	0.00121	0.102	0.0000088	4.45	5.61	0.0574	0.000902	35.4	0.00301	0.00878	0.000274	0.000568	0.000228	0.248	0.00000258	0.00084	0.000623	0.00171	0.000714
2060 Jan	0.000282	0.00121	0.102	0.0000088	4.45	5.61	0.0574	0.000902	35.4	0.00301	0.00878	0.000274	0.000568	0.000228	0.248	0.00000258	0.00084	0.000623	0.00171	0.000714
2060 Feb	0.000282	0.00121	0.102	0.0000088	4.45	5.61	0.0574	0.000902	35.4	0.00301	0.00878	0.000274	0.000568	0.000228	0.248	0.00000258	0.00084	0.000623	0.00171	0.000714
2060 Mar	0.000282	0.00121	0.102	0.0000088	4.45	5.61	0.0574	0.000902	35.4	0.00301	0.00878	0.000274	0.000568	0.000228	0.248	0.00000258	0.00084	0.000623	0.00171	0.000714
2060 Apr	0.000282	0.00121	0.102	0.0000088	4.45	5.61	0.0574	0.000902	35.4	0.00301	0.00878	0.000274	0.000568	0.000228	0.248	0.00000258	0.000841	0.000623	0.00171	0.000714
2060 May	0.000282	0.00121	0.102	0.00000881	4.45	5.62	0.0575	0.000904	35.4	0.00301	0.00879	0.000275	0.000568	0.000228	0.249	0.00000258	0.000842	0.000624	0.00171	0.000717
2060 Jun	0.000283	0.00121	0.102	0.00000881	4.46	5.62	0.0577	0.000904	35.2	0.00301	0.00878	0.000276	0.000568	0.000228	0.249	0.00000258	0.000843	0.000626	0.00171	0.00072
2060 Jul	0.000284	0.00121	0.103	0.00000883	4.47	5.63	0.0578	0.000906	35.2	0.00301	0.0088	0.000277	0.000569	0.000228	0.249	0.00000258	0.000845	0.000627	0.00171	0.000722
2060 Aug	0.000284	0.00121	0.103	0.00000884	4.47	5.64	0.0578	0.000907	35.3	0.00302	0.00881	0.000277	0.00057	0.000229	0.25	0.00000259	0.000846	0.000628	0.00171	0.000723
2060 Sep	0.000284	0.00121	0.103	0.00000884	4.47	5.64	0.0578	0.000907	35.2	0.00301	0.0088	0.000277	0.000569	0.000229	0.249	0.00000258	0.000846	0.000628	0.00171	0.000724
2060 Oct	0.000284	0.00121	0.103	0.00000884	4.47	5.64	0.0578	0.000908	35.1	0.00301	0.0088	0.000277	0.000569	0.000229	0.25	0.00000258	0.000846	0.000627	0.00171	0.000725
2060 Nov	0.000284	0.00121	0.103	0.00000884	4.47	5.64	0.0578	0.000908	35.1	0.00301	0.0088	0.000277	0.000569	0.000229	0.25	0.00000258	0.000846	0.000627	0.00171	0.000726
2060 Dec	0.000284	0.00121	0.103	0.00000884	4.47	5.64	0.0578	0.000908	35.1	0.00301	0.0088	0.000277	0.000569	0.000229	0.25	0.00000258	0.000846	0.000627	0.00171	0.000726
2061 Jan	0.000284	0.00121	0.103	0.00000884	4.47	5.64	0.0578	0.000908	35.1	0.00301	0.0088	0.000277	0.000569	0.000229	0.25	0.00000258	0.000846	0.000627	0.00171	0.000726
2061 Feb	0.000284	0.00121	0.103	0.00000884	4.47	5.64	0.0578	0.000908	35.1	0.00301	0.0088	0.000277	0.000569	0.000229	0.25	0.00000258	0.000846	0.000627	0.00171	0.000726
2061 Mar	0.000284	0.00121	0.103	0.00000884	4.47	5.64	0.0578	0.000908	35.1	0.00301	0.0088	0.000277	0.000569	0.000229	0.25	0.00000258	0.000846	0.000627	0.00171	0.000726
2061 Apr	0.000284	0.00121	0.103	0.00000884	4.47	5.64	0.0578	0.000908	35.1	0.00301	0.0088	0.000277	0.000569	0.000229	0.25	0.00000258	0.000846	0.000627	0.00171	0.000726
2061 May	0.000285	0.00121	0.103	0.00000885	4.48	5.64	0.0579	0.00091	35.1	0.00302	0.00881	0.000278	0.00057	0.000229	0.25	0.00000258	0.000848	0.000628	0.00171	0.000729
2061 Jun	0.000285	0.00121	0.103	0.00000884	4.48	5.64	0.0581	0.00091	34.8	0.00301	0.00879	0.00028	0.000569	0.000229	0.25	0.00000257	0.000849	0.000629	0.00171	0.000734
2061 Jul	0.000286	0.00121	0.103	0.00000886	4.49	5.66	0.0582	0.000912	34.9	0.00302	0.00881	0.00028	0.00057	0.000229	0.251	0.00000258	0.000851	0.00063	0.00171	0.000736
2061 Aug	0.000286	0.00121	0.103	0.00000887	4.5	5.67	0.0583	0.000913	34.9	0.00302	0.00882	0.000281	0.000571	0.00023	0.251	0.00000258	0.000852	0.000631	0.00171	0.000737
2061 Sep	0.000287	0.00121	0.103	0.00000888	4.5	5.67	0.0583	0.000914	34.9	0.00303	0.00882	0.000281	0.000572	0.00023	0.251	0.00000258	0.000853	0.000632	0.00171	0.000738
2061 Oct	0.000286	0.00121	0.103	0.00000888	4.5	5.67	0.0583	0.000915	34.9	0.00302	0.00882	0.000281	0.000571	0.00023	0.251	0.00000258	0.000854	0.000631	0.00171	0.000741
2061 Nov	0.000286	0.00121	0.103	0.00000888	4.5	5.67	0.0583	0.000915	34.8	0.00302	0.00881	0.000281	0.000571	0.00023	0.251	0.00000258	0.000854	0.000631	0.00171	0.000742
2061 Dec	0.000286	0.00121	0.103	0.00000888	4.5	5.67	0.0583	0.000915	34.8	0.00302	0.00881	0.000281	0.000571	0.00023	0.251	0.00000258	0.000854	0.000631	0.00171	0.000742
2062 Jan	0.000286	0.00121	0.103	0.00000888	4.5	5.67	0.0583	0.000915	34.8	0.00302	0.00881	0.000281	0.000571	0.00023	0.251	0.00000258	0.000854	0.000631	0.00171	0.000742
2062 Feb	0.000286	0.00121	0.103	0.00000888	4.5	5.67	0.0583	0.000915	34.8	0.00302	0.00881	0.000281	0.000571	0.00023	0.251	0.00000258	0.000854	0.000631	0.00171	0.000742
2062 Mar	0.000286	0.00121	0.103	0.00000888	4.5	5.67	0.0583	0.000915	34.8	0.00302	0.00882	0.000281	0.000572	0.00023	0.251	0.00000258	0.000854	0.000631	0.00171	0.000742
2062 Apr	0.000286	0.00121	0.103	0.00000888	4.5	5.67	0.0583	0.000915	34.8	0.00302	0.00882	0.000281	0.000572	0.00023	0.251	0.00000258	0.000854	0.000631	0.00171	0.000742
2062 May	0.000287	0.00121	0.103	0.00000888	4.5	5.67	0.0583	0.000915	34.8	0.00303	0.00882	0.000281	0.000572	0.00023	0.251	0.00000258	0.000855	0.000631	0.00171	0.000742
2062 Jun	0.000286	0.00121	0.103	0.00000888	4.5	5.66	0.0582	0.000915	34.6	0.00302	0.00881	0.00028	0.000571	0.000229	0.251	0.00000258	0.000855	0.000631	0.00171	0.000745
2062 Jul	0.000286	0.00121	0.103	0.00000889	4.5	5.66	0.0581	0.000915	34.5	0.00302	0.00881	0.00028	0.000571	0.000229	0.251	0.00000258	0.000855	0.00063	0.00171	0.000747
2062 Aug	0.000285	0.00121	0.103	0.0000089	4.5	5.66	0.0581	0.000915	34.5	0.00302	0.00881	0.000279	0.000571	0.000229	0.251	0.00000258	0.000855	0.00063	0.00171	0.000748
2062 Sep	0.000285	0.00121	0.103	0.0000089	4.5	5.66	0.0581	0.000915	34.5	0.00302	0.00881	0.000279	0.000571	0.000229	0.251	0.00000258	0.000855	0.00063	0.00171	0.000749
2062 Oct	0.000284	0.00121	0.103	0.00000889	4.49	5.65	0.0579	0.000915	34.3	0.00301	0.00879	0.000278	0.00057	0.000229	0.251	0.00000257	0.000855	0.000628	0.00171	0.00075
2062 Nov	0.000284	0.00121	0.103	0.00000889	4.5	5.65	0.0579	0.000915	34.3	0.00301	0.00879	0.000278	0.00057	0.000229	0.251	0.00000257	0.000855	0.000628	0.00171	0.000751
2062 Dec	0.000284	0.00121	0.103	0.00000889	4.5	5.65	0.0579	0.000915	34.3	0.00301	0.00879	0.000278	0.00057	0.000229	0.251	0.00000257	0.000855	0.000628	0.00171	0.000751
2063 Jan	0.000284	0.00121	0.103	0.00000889	4.5	5.65	0.0579	0.000915	34.3	0.00301	0.00879	0.000278	0.00057	0.000229	0.251	0.00000257	0.000855	0.000628	0.00171	0.000751

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Feb	0.000284	0.00121	0.103	0.00000889	4.5	5.65	0.0579	0.000915	34.3	0.00301	0.00879	0.000278	0.00057	0.000229	0.251	0.00000257	0.000855	0.000628	0.00171	0.000751
2063 Mar	0.000284	0.00121	0.103	0.00000889	4.5	5.65	0.0579	0.000915	34.3	0.00301	0.00879	0.000278	0.00057	0.000229	0.251	0.00000257	0.000855	0.000628	0.00171	0.000751
2063 Apr	0.000284	0.00121	0.103	0.00000889	4.5	5.65	0.0579	0.000915	34.3	0.00301	0.0088	0.000278	0.00057	0.000229	0.251	0.00000257	0.000855	0.000628	0.00171	0.000751
2063 May	0.000285	0.00121	0.103	0.0000089	4.5	5.65	0.0579	0.000916	34.3	0.00301	0.0088	0.000278	0.00057	0.000229	0.251	0.00000257	0.000855	0.000628	0.00171	0.000752
2063 Jun	0.000285	0.0012	0.103	0.00000888	4.47	5.63	0.0579	0.00091	33.9	0.003	0.00877	0.000279	0.000567	0.000228	0.249	0.00000255	0.00085	0.000628	0.0017	0.000751
2063 Jul	0.000285	0.0012	0.103	0.00000888	4.47	5.62	0.0579	0.00091	33.9	0.00299	0.00877	0.000279	0.000566	0.000227	0.249	0.00000255	0.00085	0.000628	0.0017	0.000751
2063 Aug	0.000285	0.0012	0.103	0.0000089	4.48	5.63	0.0579	0.000911	33.9	0.003	0.00879	0.00028	0.000567	0.000228	0.25	0.00000256	0.000851	0.000629	0.0017	0.000752
2063 Sep	0.000285	0.0012	0.103	0.0000089	4.48	5.63	0.0579	0.000912	33.9	0.003	0.00879	0.00028	0.000567	0.000228	0.25	0.00000256	0.000851	0.000629	0.0017	0.000753
2063 Oct	0.000285	0.0012	0.103	0.0000089	4.48	5.63	0.0579	0.000912	33.8	0.003	0.00878	0.00028	0.000567	0.000228	0.25	0.00000256	0.000852	0.000629	0.0017	0.000754
2063 Nov	0.000285	0.0012	0.103	0.0000089	4.48	5.63	0.0579	0.000912	33.8	0.003	0.00878	0.00028	0.000567	0.000228	0.25	0.00000256	0.000852	0.000629	0.0017	0.000754
2063 Dec	0.000285	0.0012	0.103	0.0000089	4.48	5.63	0.0579	0.000912	33.8	0.003	0.00878	0.00028	0.000567	0.000228	0.25	0.00000256	0.000852	0.000629	0.0017	0.000754
2064 Jan	0.000285	0.0012	0.103	0.0000089	4.48	5.63	0.0579	0.000912	33.8	0.003	0.00879	0.00028	0.000567	0.000228	0.25	0.00000256	0.000852	0.000629	0.0017	0.000754
2064 Feb	0.000285	0.0012	0.103	0.0000089	4.48	5.63	0.0579	0.000912	33.8	0.003	0.00879	0.00028	0.000567	0.000228	0.25	0.00000256	0.000852	0.000629	0.0017	0.000754
2064 Mar	0.000285	0.0012	0.103	0.0000089	4.48	5.63	0.0579	0.000912	33.8	0.003	0.00879	0.00028	0.000567	0.000228	0.25	0.00000256	0.000852	0.000629	0.0017	0.000754
2064 Apr	0.000285	0.0012	0.103	0.0000089	4.48	5.63	0.0579	0.000912	33.8	0.003	0.00879	0.00028	0.000567	0.000228	0.25	0.00000256	0.000852	0.000629	0.0017	0.000754
2064 May	0.000285	0.0012	0.103	0.00000891	4.48	5.64	0.058	0.000913	33.8	0.003	0.00879	0.00028	0.000568	0.000228	0.25	0.00000256	0.000853	0.00063	0.0017	0.000757
2064 Jun	0.000286	0.0012	0.103	0.0000089	4.48	5.63	0.0581	0.000912	33.5	0.00299	0.00877	0.000282	0.000567	0.000228	0.25	0.00000255	0.000853	0.000631	0.0017	0.000763
2064 Jul	0.000287	0.0012	0.104	0.00000891	4.49	5.64	0.0582	0.000913	33.5	0.003	0.00878	0.000282	0.000568	0.000228	0.25	0.00000255	0.000854	0.000631	0.0017	0.000764
2064 Aug	0.000287	0.0012	0.104	0.00000892	4.49	5.65	0.0582	0.000914	33.5	0.003	0.00879	0.000283	0.000568	0.000228	0.25	0.00000255	0.000855	0.000632	0.0017	0.000765
2064 Sep	0.000287	0.0012	0.104	0.00000892	4.49	5.64	0.0582	0.000914	33.5	0.003	0.00878	0.000283	0.000568	0.000228	0.25	0.00000255	0.000855	0.000632	0.0017	0.000767
2064 Oct	0.000287	0.0012	0.104	0.00000892	4.49	5.65	0.0582	0.000915	33.4	0.003	0.00878	0.000283	0.000568	0.000228	0.251	0.00000255	0.000856	0.000632	0.0017	0.000769
2064 Nov	0.000287	0.0012	0.104	0.00000892	4.49	5.65	0.0583	0.000915	33.5	0.003	0.00878	0.000283	0.000568	0.000228	0.251	0.00000255	0.000856	0.000632	0.0017	0.000769
2064 Dec	0.000287	0.0012	0.104	0.00000892	4.49	5.65	0.0583	0.000915	33.5	0.003	0.00878	0.000283	0.000568	0.000228	0.251	0.00000255	0.000856	0.000632	0.0017	0.000769
2065 Jan	0.000287	0.0012	0.104	0.00000892	4.49	5.65	0.0583	0.000915	33.5	0.003	0.00878	0.000283	0.000568	0.000228	0.251	0.00000255	0.000856	0.000632	0.0017	0.000769
2065 Feb	0.000287	0.0012	0.104	0.00000892	4.49	5.65	0.0583	0.000915	33.5	0.003	0.00878	0.000283	0.000568	0.000228	0.251	0.00000255	0.000856	0.000632	0.0017	0.000769
2065 Mar	0.000287	0.0012	0.104	0.00000893	4.49	5.65	0.0583	0.000915	33.5	0.003	0.00878	0.000283	0.000568	0.000228	0.251	0.00000255	0.000856	0.000632	0.0017	0.000769
2065 Apr	0.000287	0.0012	0.104	0.00000893	4.49	5.65	0.0583	0.000915	33.5	0.003	0.00879	0.000283	0.000568	0.000228	0.251	0.00000255	0.000856	0.000632	0.0017	0.000769
2065 May	0.000287	0.0012	0.104	0.00000893	4.5	5.66	0.0584	0.000917	33.4	0.003	0.00879	0.000283	0.000569	0.000229	0.251	0.00000255	0.000858	0.000633	0.0017	0.000772
2065 Jun	0.000288	0.0012	0.104	0.00000893	4.5	5.66	0.0585	0.000917	33.2	0.003	0.00878	0.000285	0.000568	0.000228	0.251	0.00000254	0.000859	0.000633	0.0017	0.000778
2065 Jul	0.000288	0.0012	0.104	0.00000895	4.51	5.67	0.0586	0.000919	33.2	0.003	0.00879	0.000285	0.00057	0.000229	0.252	0.00000255	0.000861	0.000635	0.0017	0.00078
2065 Aug	0.000289	0.0012	0.104	0.00000896	4.52	5.68	0.0587	0.00092	33.3	0.00301	0.0088	0.000286	0.00057	0.000229	0.252	0.00000255	0.000862	0.000636	0.00171	0.000782
2065 Sep	0.000289	0.0012	0.104	0.00000896	4.52	5.67	0.0586	0.000921	33.2	0.00301	0.0088	0.000285	0.00057	0.000229	0.252	0.00000255	0.000862	0.000635	0.0017	0.000784
2065 Oct	0.000288	0.0012	0.104	0.00000895	4.52	5.67	0.0585	0.000921	33.1	0.003	0.00879	0.000285	0.00057	0.000229	0.252	0.00000254	0.000863	0.000634	0.0017	0.000788
2065 Nov	0.000288	0.0012	0.104	0.00000895	4.52	5.67	0.0585	0.000921	33.1	0.003	0.00878	0.000284	0.00057	0.000229	0.252	0.00000254	0.000863	0.000633	0.0017	0.000788
2065 Dec	0.000288	0.0012	0.104	0.00000895	4.52	5.67	0.0585	0.000922	33.1	0.003	0.00878	0.000284	0.00057	0.000229	0.252	0.00000254	0.000863	0.000633	0.0017	0.000788
2066 Jan	0.000288	0.0012	0.104	0.00000895	4.52	5.67	0.0585	0.000922	33.1	0.003	0.00878	0.000284	0.00057	0.000229	0.252	0.00000254	0.000863	0.000633	0.0017	0.000789
2066 Feb	0.000288	0.0012	0.104	0.00000896	4.52	5.67	0.0585	0.000922	33.1	0.003	0.00879	0.000284	0.00057	0.000229	0.252	0.00000254	0.000863	0.000633	0.0017	0.000789
2066 Mar	0.000288	0.0012	0.104	0.00000896	4.52	5.67	0.0585	0.000922	33.1	0.003	0.00879	0.000285	0.00057	0.000229	0.252	0.00000254	0.000863	0.000634	0.0017	0.000789
2066 Apr	0.000288	0.0012	0.104	0.00000896	4.52	5.67	0.0585	0.000922	33.1	0.00301	0.00879	0.000285	0.00057	0.000229	0.252	0.00000254	0.000863	0.000634	0.0017	0.000789
2066 May	0.000288	0.0012	0.104	0.00000896	4.52	5.67	0.0586	0.000922	33.1	0.00301	0.00879	0.000285	0.00057	0.000229	0.252	0.00000255	0.000864	0.000634	0.0017	0.000789
2066 Jun	0.000288	0.0012	0.104	0.00000895	4.51	5.66	0.0584	0.00092	32.8	0.003	0.00877	0.000285	0.000568	0.000228	0.251	0.00000254	0.000862	0.000633	0.0017	0.000791
2066 Jul	0.000288	0.0012	0.104	0.00000897	4.52	5.67	0.0585	0.000921	32.8	0.003	0.00879	0.000285	0.000569	0.000229	0.252	0.00000254	0.000863	0.000634	0.0017	0.000793
2066 Aug	0.000289	0.0012	0.104	0.00000899	4.52	5.68	0.0586	0.000923	32.9	0.00301	0.0088	0.000285	0.00057	0.000229	0.252	0.00000254	0.000865	0.000635	0.0017	0.000795
2066 Sep	0.000289	0.0012	0.104	0.00000899	4.53	5.68	0.0586	0.000924	32.9	0.00301	0.00881	0.000285	0.00057	0.000229	0.252	0.00000254	0.000865	0.000635	0.0017	0.000796
2066 Oct	0.000288	0.0012	0.104	0.00000899	4.53	5.68	0.0586	0.000924	32.8	0.00301	0.0088	0.000285	0.00057	0.000229	0.252	0.00000254	0.000865	0.000634	0.0017	0.000798
2066 Nov	0.000288	0.0012	0.104	0.00000899	4.53	5.68	0.0586	0.000924	32.8	0.003	0.0088	0.000285	0.00057	0.000229	0.252	0.00000254	0.000866	0.000634	0.0017	0.000799
2066 Dec	0.000288	0.0012	0.104	0.00000899	4.53	5.68	0.0586	0.000924	32.8	0.00301	0.0088	0.000285	0.00057	0.000229	0.252	0.00000254	0.000866	0.000634	0.0017	0.000799
2067 Jan	0.000288	0.0012	0.104	0.00000899	4.53	5.68	0.0586	0.000924	32.8	0.00301	0.0088	0.000285	0.00057	0.000229	0.252	0.00000254	0.000866	0.000634	0.0017	0.000799
2067 Feb	0.000288	0.0012	0.104	0.00000899	4.53	5.68	0.0586	0.000924	32.8	0.00301	0.0088	0.000285	0.00057	0.000229	0.252	0.00000254	0.000866	0.000634	0.0017	0.000799
2067 Mar	0.000288	0.0012	0.104	0.00000899	4.53	5.68	0.0586	0.000924	32.8	0.00301	0.0088	0.000285	0.00057	0.000229	0.252	0.00000254	0.000866	0.000634	0.0017	0.000799
2067 Apr	0.000288	0.0012	0.104	0.000009	4.53	5.68	0.0586	0.000924	32.8	0.00301	0.0088	0.000285	0.00057	0.000229	0.252	0.00000254	0.000866	0.000634	0.0017	0.000799
2067 May	0.000289	0.0012	0.104	0.000009	4.53	5.68	0.0586	0.000925	32.8	0.00301	0.00881	0.000285	0.00057	0.000229	0.252	0.00000254	0.000866	0.000635	0.0017	0.0008
2067 Jun	0.000289	0.0012	0.105	0.000009	4.53	5.67	0.0587	0.000924	32.6	0.003	0.0088	0.000286	0.00057	0.000229	0.252	0.00000254	0.000866	0.000636	0.0017	0.000803
2067 Jul	0.00029	0.0012	0.105	0.00000902	4.53	5.69	0.0588	0.000926	32.7	0.00301	0.00882	0.000287	0.000571	0.000229	0.253	0.00000254	0.000867	0.000637	0.00171	0.000805
2067 Aug	0.00029	0.00121	0.105	0.00000903	4.54	5.69	0.0588	0.000927	32.7	0.00301	0.00883	0.000287	0.000571	0.00023	0.253	0.00000255	0.000868	0.000638	0.00171	0.000806
2067 Sep	0.00029	0.00121	0.105	0.00000904	4.54	5.7	0.0589	0.000927	32.7	0.00301	0.00883	0.000287	0.000572	0.00023	0.253	0.00000255	0.000869	0.000638	0.00171	0.000808
2067 Oct	0.00029	0.0012	0.105	0.00000904	4.54	5.69	0.0588	0.000928	32.6	0.00301	0.00883	0.000287	0.000571	0.00023	0.253	0.00000254	0.000869	0.000637	0.00171	0.00081
2067 Nov	0.00029	0.0012	0.105	0.00000904	4.54	5.69	0.0588	0.000928	32.6	0.00301	0.00883	0.000287	0.000571	0.00023	0.253	0.00000254	0.00087	0.000637	0.00171	0.000811
2067 Dec	0.00029	0.0012	0.105	0.00000904	4.54	5.69	0.0588	0.000928	32.6	0.00301	0.00883	0.000287	0.000571	0.00023	0.253	0.00000254	0.00087	0.000637	0.00171	0.000811
2068 Jan	0.00029	0.0012	0.105	0.00000904	4.54	5.69	0.0588	0.000928	32.6	0.00301	0.00883	0.000287	0.000571	0.00023	0.253	0.00000254	0.00087	0.000637	0.00171	0.000811
2068 Feb	0.00029	0.0012	0.105	0.00000904	4.54	5.69	0.0588	0.000928	32.6	0.00301	0.00883	0.000287	0.000571	0.00023	0.253	0.00000254	0.00087	0.000637	0.00171	0.000811
2068 Mar	0.00029	0.0012	0.105	0.00000904	4.54	5.69	0.0588	0.000928	32.6	0.00301	0.00883	0.000287	0.000571	0.00023	0.253	0.00000254	0.00087	0.000637	0.00171	0.000811
2068 Apr	0.00029	0.00121	0.105	0.00000904	4.54	5.7	0.0588	0.000928	32.6	0.00301	0.00883	0.000287	0.000571	0.00023	0.253	0.00000255	0.00087	0.000637	0.00171	0.000811
2068 May	0.00029	0.00121	0.105	0.00000905	4.55	5.7	0.0589	0.000929	32.6	0.00301	0.00883	0.000287	0.000572	0.00023	0.253	0.00000255	0.00087	0.000638	0.00171	0.000813
2068 Jun	0.000291	0.0012	0.105	0.00000903	4.53	5.68	0.0589	0.000925	32.2	0.003	0.00881	0.000289	0.000569	0.000229	0.252	0.00000253	0.000867	0.000638	0.0017	0.000815
2068 Jul	0.000291	0.0012	0.105	0.00000904	4.53	5.69	0.059	0.000926	32.2	0.003	0.00882	0.000289	0.000569	0.000229	0.253	0.00000253	0.000868	0.000639	0.0017	0.000816
2068 Aug	0.000292	0.0012	0.105	0.00000906	4.54	5.7	0.0591	0.000927	32.3	0.00301	0.00884	0.00029	0.00057	0.000229	0.253	0.00000254	0.000869	0.00064	0.00171	0.000818
2068 Sep	0.000292	0.0012	0.105	0.00000907	4.54	5.7	0.0591	0.000928	32.3	0.00301	0.00884	0.00029	0.000571	0.00023	0.253	0.00000254	0.00087	0.00064	0.00171	0.000819

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2068 Oct	0.000292	0.0012	0.105	0.00000907	4.54	5.7	0.0591	0.000928	32.3	0.00301	0.00884	0.00029	0.000571	0.00023	0.253	0.00000254	0.00087	0.00064	0.00171	0.00082
2068 Nov	0.000292	0.0012	0.105	0.00000907	4.54	5.7	0.0591	0.000928	32.3	0.00301	0.00884	0.00029	0.000571	0.00023	0.253	0.00000254	0.00087	0.00064	0.00171	0.00082
2068 Dec	0.000292	0.0012	0.105	0.00000907	4.54	5.7	0.0591	0.000928	32.3	0.00301	0.00884	0.00029	0.000571	0.00023	0.253	0.00000254	0.00087	0.00064	0.00171	0.00082
2069 Jan	0.000292	0.0012	0.105	0.00000907	4.54	5.7	0.0591	0.000928	32.3	0.00301	0.00884	0.00029	0.000571	0.00023	0.253	0.00000254	0.00087	0.00064	0.00171	0.00082
2069 Feb	0.000292	0.0012	0.105	0.00000907	4.54	5.7	0.0591	0.000928	32.3	0.00301	0.00884	0.00029	0.000571	0.00023	0.253	0.00000254	0.00087	0.00064	0.00171	0.00082
2069 Mar	0.000292	0.0012	0.105	0.00000907	4.54	5.7	0.0591	0.000928	32.3	0.00301	0.00884	0.00029	0.000571	0.00023	0.253	0.00000254	0.00087	0.00064	0.00171	0.00082
2069 Apr	0.000292	0.0012	0.105	0.00000907	4.54	5.7	0.0591	0.000928	32.3	0.00301	0.00884	0.00029	0.000571	0.00023	0.253	0.00000254	0.00087	0.00064	0.00171	0.00082
2069 May	0.000292	0.00121	0.106	0.00000908	4.55	5.7	0.0591	0.000929	32.3	0.00301	0.00885	0.00029	0.000571	0.00023	0.253	0.00000254	0.000871	0.000641	0.00171	0.000821
2069 Jun	0.000292	0.0012	0.106	0.00000908	4.54	5.69	0.0591	0.000927	32.1	0.003	0.00884	0.00029	0.00057	0.000229	0.253	0.00000254	0.00087	0.00064	0.00171	0.000824
2069 Jul	0.000292	0.0012	0.106	0.00000909	4.55	5.7	0.0591	0.000928	32.1	0.00301	0.00885	0.00029	0.000571	0.000229	0.253	0.00000254	0.00087	0.000641	0.00171	0.000826
2069 Aug	0.000292	0.00121	0.106	0.00000911	4.55	5.71	0.0592	0.000929	32.1	0.00301	0.00886	0.000291	0.000571	0.00023	0.254	0.00000254	0.000872	0.000642	0.00171	0.000827
2069 Sep	0.000292	0.0012	0.106	0.0000091	4.55	5.7	0.0591	0.000929	32	0.00301	0.00885	0.00029	0.000571	0.00023	0.253	0.00000254	0.000871	0.000641	0.00171	0.000829
2069 Oct	0.000291	0.0012	0.105	0.0000091	4.54	5.69	0.059	0.000928	31.9	0.003	0.00884	0.000289	0.00057	0.000229	0.253	0.00000253	0.00087	0.000639	0.00171	0.00083
2069 Nov	0.000291	0.0012	0.105	0.0000091	4.54	5.69	0.0589	0.000928	31.9	0.003	0.00884	0.000289	0.00057	0.000229	0.253	0.00000253	0.00087	0.000639	0.00171	0.00083
2069 Dec	0.000291	0.0012	0.105	0.0000091	4.54	5.69	0.0589	0.000928	31.9	0.003	0.00884	0.000289	0.00057	0.000229	0.253	0.00000253	0.00087	0.000639	0.00171	0.00083
2070 Jan	0.000291	0.0012	0.105	0.0000091	4.54	5.69	0.0589	0.000928	31.9	0.003	0.00884	0.000289	0.00057	0.000229	0.253	0.00000253	0.00087	0.000639	0.00171	0.00083
2070 Feb	0.000291	0.0012	0.105	0.0000091	4.54	5.69	0.0589	0.000928	31.9	0.003	0.00884	0.000289	0.00057	0.000229	0.253	0.00000253	0.00087	0.000639	0.00171	0.00083
2070 Mar	0.000291	0.0012	0.105	0.0000091	4.54	5.69	0.0589	0.000928	31.9	0.003	0.00884	0.000289	0.00057	0.000229	0.253	0.00000253	0.00087	0.000639	0.00171	0.00083
2070 Apr	0.000291	0.0012	0.105	0.0000091	4.54	5.69	0.059	0.000928	31.9	0.003	0.00884	0.000289	0.00057	0.000229	0.253	0.00000253	0.00087	0.000639	0.00171	0.00083
2070 May	0.000291	0.0012	0.106	0.0000091	4.54	5.69	0.059	0.000929	31.9	0.003	0.00885	0.00029	0.00057	0.000229	0.253	0.00000253	0.00087	0.00064	0.00171	0.000831
2070 Jun	0.000292	0.0012	0.106	0.0000091	4.53	5.68	0.059	0.000926	31.7	0.00299	0.00884	0.00029	0.000568	0.000229	0.252	0.00000253	0.000868	0.00064	0.0017	0.000831
2070 Jul	0.000292	0.0012	0.106	0.00000912	4.54	5.69	0.0591	0.000928	31.8	0.003	0.00886	0.000291	0.000569	0.000229	0.253	0.00000253	0.000869	0.000641	0.00171	0.000833
2070 Aug	0.000292	0.0012	0.106	0.00000913	4.54	5.7	0.0592	0.000929	31.8	0.003	0.00887	0.000291	0.00057	0.000229	0.253	0.00000254	0.00087	0.000642	0.00171	0.000834
2070 Sep	0.000292	0.0012	0.106	0.00000913	4.54	5.7	0.0591	0.000929	31.7	0.003	0.00886	0.000291	0.000569	0.000229	0.253	0.00000253	0.00087	0.000641	0.00171	0.000835
2070 Oct	0.000292	0.0012	0.106	0.00000913	4.54	5.69	0.059	0.000928	31.7	0.003	0.00886	0.000291	0.000568	0.000229	0.253	0.00000253	0.000869	0.000641	0.00171	0.000836
2070 Nov	0.000292	0.0012	0.106	0.00000913	4.54	5.69	0.059	0.000928	31.7	0.003	0.00886	0.000291	0.000568	0.000229	0.253	0.00000253	0.000869	0.000641	0.00171	0.000836
2070 Dec	0.000292	0.0012	0.106	0.00000913	4.54	5.69	0.059	0.000928	31.7	0.003	0.00886	0.000291	0.000568	0.000229	0.253	0.00000253	0.000869	0.000641	0.00171	0.000836
2071 Jan	0.000292	0.0012	0.106	0.00000913	4.54	5.69	0.059	0.000928	31.7	0.003	0.00886	0.000291	0.000568	0.000229	0.253	0.00000253	0.000869	0.000641	0.00171	0.000836
2071 Feb	0.000292	0.0012	0.106	0.00000913	4.54	5.69	0.059	0.000928	31.7	0.003	0.00886	0.000291	0.000568	0.000229	0.253	0.00000253	0.000869	0.000641	0.00171	0.000836
2071 Mar	0.000292	0.0012	0.106	0.00000913	4.54	5.69	0.059	0.000928	31.7	0.003	0.00886	0.000291	0.000568	0.000229	0.253	0.00000253	0.000869	0.000641	0.00171	0.000836
2071 Apr	0.000292	0.0012	0.106	0.00000913	4.54	5.69	0.059	0.000928	31.7	0.003	0.00886	0.000291	0.000568	0.000229	0.253	0.00000253	0.000869	0.000641	0.00171	0.000836
2071 May	0.000292	0.0012	0.106	0.00000913	4.53	5.69	0.0591	0.000928	31.6	0.003	0.00886	0.000291	0.000568	0.000229	0.253	0.00000253	0.000869	0.000641	0.00171	0.000836
2071 Jun	0.000293	0.0012	0.106	0.00000912	4.52	5.67	0.0591	0.000924	31.4	0.00298	0.00885	0.000292	0.000566	0.000228	0.252	0.00000252	0.000865	0.000641	0.0017	0.000835
2071 Jul	0.000293	0.0012	0.106	0.00000913	4.52	5.68	0.0591	0.000925	31.4	0.00299	0.00886	0.000293	0.000566	0.000228	0.252	0.00000252	0.000865	0.000642	0.0017	0.000836
2071 Aug	0.000293	0.0012	0.106	0.00000915	4.53	5.69	0.0592	0.000926	31.5	0.00299	0.00887	0.000293	0.000567	0.000228	0.252	0.00000253	0.000866	0.000643	0.00171	0.000837
2071 Sep	0.000293	0.0012	0.106	0.00000915	4.52	5.68	0.0592	0.000925	31.4	0.00299	0.00887	0.000293	0.000566	0.000228	0.252	0.00000252	0.000866	0.000643	0.00171	0.000838
2071 Oct	0.000293	0.0012	0.106	0.00000915	4.52	5.68	0.0591	0.000925	31.4	0.00299	0.00887	0.000293	0.000566	0.000228	0.252	0.00000252	0.000865	0.000642	0.0017	0.000838
2071 Nov	0.000293	0.0012	0.106	0.00000915	4.52	5.68	0.0591	0.000925	31.4	0.00298	0.00887	0.000293	0.000566	0.000228	0.252	0.00000252	0.000865	0.000642	0.0017	0.000838
2071 Dec	0.000293	0.0012	0.106	0.00000915	4.52	5.68	0.0591	0.000925	31.4	0.00298	0.00887	0.000293	0.000566	0.000228	0.252	0.00000252	0.000865	0.000642	0.0017	0.000838
2072 Jan	0.000293	0.0012	0.106	0.00000915	4.52	5.68	0.0591	0.000925	31.4	0.00298	0.00887	0.000293	0.000566	0.000228	0.252	0.00000252	0.000865	0.000642	0.0017	0.000838
2072 Feb	0.000293	0.0012	0.106	0.00000915	4.52	5.68	0.0591	0.000925	31.4	0.00298	0.00887	0.000293	0.000566	0.000228	0.252	0.00000252	0.000865	0.000642	0.0017	0.000838
2072 Mar	0.000293	0.0012	0.106	0.00000915	4.52	5.68	0.0591	0.000925	31.4	0.00298	0.00887	0.000293	0.000566	0.000228	0.252	0.00000252	0.000865	0.000642	0.0017	0.000838
2072 Apr	0.000293	0.0012	0.106	0.00000915	4.52	5.68	0.0591	0.000925	31.4	0.00299	0.00887	0.000293	0.000566	0.000228	0.252	0.00000252	0.000865	0.000642	0.0017	0.000838
2072 May	0.000293	0.0012	0.106	0.00000915	4.52	5.68	0.0592	0.000926	31.4	0.00299	0.00887	0.000293	0.000566	0.000228	0.252	0.00000252	0.000866	0.000643	0.00171	0.000839
2072 Jun	0.000293	0.0012	0.106	0.00000916	4.51	5.67	0.059	0.000924	31.2	0.00298	0.00887	0.000293	0.000565	0.000227	0.252	0.00000252	0.000864	0.000642	0.00171	0.000839
2072 Jul	0.000293	0.0012	0.106	0.00000917	4.51	5.67	0.059	0.000924	31.2	0.00298	0.00888	0.000292	0.000565	0.000227	0.252	0.00000252	0.000864	0.000642	0.00171	0.000839
2072 Aug	0.000292	0.0012	0.106	0.00000917	4.51	5.66	0.059	0.000923	31.2	0.00298	0.00888	0.000292	0.000564	0.000227	0.251	0.00000252	0.000863	0.000641	0.00171	0.00084
2072 Sep	0.000292	0.0012	0.106	0.00000917	4.5	5.66	0.0589	0.000923	31.1	0.00297	0.00887	0.000292	0.000564	0.000227	0.251	0.00000252	0.000862	0.00064	0.0017	0.00084
2072 Oct	0.000291	0.0012	0.106	0.00000917	4.5	5.65	0.0587	0.000921	31	0.00297	0.00886	0.000291	0.000563	0.000226	0.251	0.00000252	0.000861	0.000639	0.0017	0.00084
2072 Nov	0.000291	0.0012	0.106	0.00000917	4.5	5.65	0.0587	0.000921	31	0.00297	0.00886	0.000291	0.000562	0.000226	0.251	0.00000251	0.00086	0.000639	0.0017	0.00084
2072 Dec	0.000291	0.0012	0.106	0.00000917	4.5	5.65	0.0587	0.000921	31	0.00297	0.00886	0.000291	0.000562	0.000226	0.251	0.00000251	0.00086	0.000639	0.0017	0.00084
2073 Jan	0.000291	0.0012	0.106	0.00000917	4.5	5.65	0.0587	0.000921	31	0.00297	0.00886	0.000291	0.000562	0.000226	0.251	0.00000251	0.00086	0.000639	0.0017	0.00084
2073 Feb	0.000291	0.0012	0.106	0.00000917	4.5	5.65	0.0587	0.000921	31	0.00297	0.00886	0.000291	0.000562	0.000226	0.251	0.00000251	0.00086	0.000639	0.0017	0.00084
2073 Mar	0.000291	0.0012	0.106	0.00000917	4.5	5.65	0.0587	0.000921	31	0.00297	0.00886	0.000291	0.000562	0.000226	0.251	0.00000251	0.00086	0.000639	0.0017	0.00084
2073 Apr	0.000291	0.0012	0.106	0.00000917	4.5	5.65	0.0587	0.000922	31	0.00297	0.00887	0.000291	0.000563	0.000226	0.251	0.00000252	0.000861	0.000639	0.0017	0.00084
2073 May	0.000291	0.0012	0.106	0.00000917	4.5	5.65	0.0588	0.000922	31	0.00297	0.00887	0.000291	0.000562	0.000226	0.251	0.00000251	0.000861	0.000639	0.0017	0.000842
2073 Jun	0.000292	0.00119	0.106	0.00000917	4.49	5.64	0.0588	0.00092	30.8	0.00296	0.00886	0.000292	0.000561	0.000226	0.25	0.00000251	0.000859	0.000639	0.0017	0.000845
2073 Jul	0.000292	0.00119	0.106	0.00000918	4.49	5.64	0.0588	0.000921	30.8	0.00296	0.00887	0.000292	0.000561	0.000226	0.251	0.00000251	0.000859	0.00064	0.0017	0.000846
2073 Aug	0.000292	0.0012	0.106	0.00000919	4.5	5.65	0.0589	0.000922	30.8	0.00297	0.00888	0.000293	0.000562	0.000226	0.251	0.00000251	0.00086	0.000641	0.0017	0.000848
2073 Sep	0.000292	0.0012	0.106	0.0000092	4.5	5.65	0.0589	0.000922	30.8	0.00297	0.00888	0.000292	0.000562	0.000226	0.251	0.00000251	0.00086	0.00064	0.0017	0.000848
2073 Oct	0.000292	0.00119	0.106	0.00000919	4.49	5.65	0.0588	0.000921	30.7	0.00296	0.00887	0.000292	0.000561	0.000226	0.251	0.00000251	0.00086	0.00064	0.0017	0.000849
2073 Nov	0.000292	0.00119	0.106	0.00000919	4.49	5.64	0.0588	0.000921	30.7	0.00296	0.00887	0.000292	0.000561	0.000226	0.25	0.00000251	0.000859	0.00064	0.0017	0.00085
2073 Dec	0.000292	0.00119	0.106	0.00000919	4.49	5.64	0.0588	0.000921	30.7	0.00296	0.00887	0.000292	0.000561	0.000226	0.25	0.00000251	0.000859	0.00064	0.0017	0.00085
2074 Jan	0.000292	0.00119	0.106	0.00000919	4.49	5.64	0.0588	0.000921	30.7	0.00296	0.00887	0.000292	0.000561	0.000226	0.25	0.00000251	0.000859	0.00064	0.0017	0.00085
2074 Feb	0.000292	0.00119	0.106	0.00000919	4.49	5.64	0.0588	0.000921	30.7	0.00296	0.00887	0.000292	0.000561	0.000226	0.25	0.00000251	0.000859	0.00064	0.0017	0.00085
2074 Mar	0.000292	0.00119	0.106	0.00000919	4.49	5.64	0.0588	0.000921	30.7	0.00296	0.00887	0.000292	0.000561	0.000226	0.251	0.00000251	0.00086	0.00064	0.0017	0.00085
2074 Apr	0.000292	0.00119	0.106	0.00000919	4.49	5.65	0.0588	0.000921	30.7	0.00296	0.00887	0.000292	0.000561	0.000226	0.251	0.00000251	0.00086	0.00064	0.0017	0.00085
2074 May	0.000293	0.00119	0.107	0.0000092	4.49	5.65	0.0589	0.000921	30.6	0.00296	0.00887	0.000293	0.000561	0.000226	0.251	0.00000251	0.00086	0.000641	0.0017	0.000853

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2074 Jun	0.000293	0.00119	0.107	0.00000919	4.48	5.64	0.059	0.000919	30.4	0.00295	0.00886	0.000295	0.000559	0.000225	0.25	0.0000025	0.000858	0.000641	0.00169	0.000858
2074 Jul	0.000294	0.00119	0.107	0.0000092	4.49	5.65	0.0591	0.00092	30.4	0.00296	0.00887	0.000295	0.00056	0.000226	0.251	0.0000025	0.000859	0.000642	0.0017	0.00086
2074 Aug	0.000294	0.0012	0.107	0.00000922	4.5	5.66	0.0592	0.000922	30.5	0.00296	0.00889	0.000296	0.000561	0.000226	0.251	0.00000251	0.000861	0.000644	0.0017	0.000861
2074 Sep	0.000294	0.0012	0.107	0.00000922	4.5	5.66	0.0592	0.000922	30.4	0.00296	0.00888	0.000296	0.000561	0.000226	0.251	0.0000025	0.00086	0.000643	0.0017	0.000863
2074 Oct	0.000294	0.0012	0.107	0.00000922	4.5	5.65	0.0591	0.000922	30.4	0.00296	0.00888	0.000296	0.00056	0.000226	0.251	0.0000025	0.00086	0.000643	0.0017	0.000865
2074 Nov	0.000294	0.0012	0.107	0.00000922	4.5	5.65	0.0592	0.000922	30.4	0.00296	0.00888	0.000296	0.00056	0.000226	0.251	0.0000025	0.000861	0.000643	0.0017	0.000866
2074 Dec	0.000294	0.0012	0.107	0.00000922	4.5	5.65	0.0592	0.000922	30.4	0.00296	0.00888	0.000296	0.00056	0.000226	0.251	0.0000025	0.000861	0.000643	0.0017	0.000866
2075 Jan	0.000294	0.0012	0.107	0.00000922	4.5	5.65	0.0592	0.000922	30.4	0.00296	0.00888	0.000296	0.00056	0.000226	0.251	0.0000025	0.000861	0.000643	0.0017	0.000866
2075 Feb	0.000294	0.0012	0.107	0.00000922	4.5	5.65	0.0592	0.000922	30.4	0.00296	0.00888	0.000296	0.00056	0.000226	0.251	0.0000025	0.000861	0.000643	0.0017	0.000866
2075 Mar	0.000294	0.0012	0.107	0.00000922	4.5	5.65	0.0592	0.000922	30.4	0.00296	0.00888	0.000296	0.000561	0.000226	0.251	0.0000025	0.000861	0.000643	0.0017	0.000866
2075 Apr	0.000294	0.0012	0.107	0.00000923	4.5	5.66	0.0592	0.000922	30.4	0.00296	0.00888	0.000296	0.000561	0.000226	0.251	0.0000025	0.000861	0.000643	0.0017	0.000866
2075 May	0.000294	0.0012	0.107	0.00000923	4.5	5.66	0.0592	0.000923	30.4	0.00296	0.00889	0.000296	0.000561	0.000226	0.251	0.0000025	0.000862	0.000644	0.0017	0.000869
2075 Jun	0.000293	0.00119	0.107	0.00000923	4.49	5.64	0.059	0.000922	30.2	0.00296	0.00887	0.000295	0.00056	0.000226	0.251	0.0000025	0.000861	0.000642	0.0017	0.000874
2075 Jul	0.000293	0.00119	0.107	0.00000923	4.49	5.64	0.059	0.000922	30.1	0.00295	0.00887	0.000295	0.00056	0.000226	0.251	0.0000025	0.000861	0.000642	0.0017	0.000876
2075 Aug	0.000293	0.00119	0.107	0.00000924	4.5	5.65	0.059	0.000923	30.1	0.00296	0.00888	0.000295	0.00056	0.000226	0.251	0.0000025	0.000862	0.000643	0.0017	0.000878
2075 Sep	0.000294	0.00119	0.107	0.00000925	4.5	5.65	0.0591	0.000923	30.1	0.00296	0.00888	0.000295	0.000561	0.000226	0.251	0.0000025	0.000862	0.000643	0.0017	0.000879
2075 Oct	0.000293	0.00119	0.107	0.00000925	4.5	5.65	0.059	0.000923	30.1	0.00296	0.00888	0.000295	0.000561	0.000226	0.251	0.0000025	0.000862	0.000642	0.0017	0.000879
2075 Nov	0.000293	0.00119	0.107	0.00000925	4.5	5.65	0.059	0.000923	30.1	0.00296	0.00888	0.000295	0.000561	0.000226	0.251	0.0000025	0.000862	0.000642	0.0017	0.00088
2075 Dec	0.000293	0.00119	0.107	0.00000925	4.5	5.65	0.059	0.000923	30.1	0.00296	0.00888	0.000295	0.000561	0.000226	0.251	0.0000025	0.000862	0.000642	0.0017	0.00088
2076 Jan	0.000293	0.00119	0.107	0.00000925	4.5	5.65	0.059	0.000923	30.1	0.00296	0.00888	0.000295	0.000561	0.000226	0.251	0.0000025	0.000862	0.000642	0.0017	0.00088
2076 Feb	0.000293	0.00119	0.107	0.00000925	4.5	5.65	0.059	0.000923	30.1	0.00296	0.00888	0.000295	0.000561	0.000226	0.251	0.0000025	0.000862	0.000642	0.0017	0.00088
2076 Mar	0.000293	0.00119	0.107	0.00000925	4.5	5.65	0.059	0.000923	30.1	0.00296	0.00888	0.000295	0.000561	0.000226	0.251	0.0000025	0.000862	0.000643	0.0017	0.00088
2076 Apr	0.000293	0.00119	0.107	0.00000925	4.5	5.65	0.059	0.000923	30.1	0.00296	0.00888	0.000295	0.000561	0.000226	0.251	0.0000025	0.000862	0.000643	0.0017	0.00088
2076 May	0.000294	0.00119	0.107	0.00000926	4.5	5.65	0.0591	0.000923	30.1	0.00296	0.00888	0.000295	0.000561	0.000226	0.251	0.0000025	0.000862	0.000643	0.0017	0.000881
2076 Jun	0.000294	0.00119	0.107	0.00000925	4.48	5.63	0.0591	0.000919	29.9	0.00295	0.00887	0.000296	0.000558	0.000225	0.25	0.00000249	0.000858	0.000644	0.0017	0.00088
2076 Jul	0.000294	0.00119	0.107	0.00000926	4.48	5.64	0.0591	0.00092	29.9	0.00295	0.00888	0.000297	0.000559	0.000225	0.25	0.00000249	0.000859	0.000644	0.0017	0.000881
2076 Aug	0.000295	0.00119	0.108	0.00000928	4.49	5.65	0.0592	0.000921	29.9	0.00295	0.0089	0.000297	0.00056	0.000226	0.251	0.0000025	0.00086	0.000645	0.0017	0.000883
2076 Sep	0.000295	0.00119	0.108	0.00000928	4.49	5.65	0.0592	0.000922	29.9	0.00296	0.0089	0.000297	0.00056	0.000226	0.251	0.0000025	0.00086	0.000645	0.0017	0.000884
2076 Oct	0.000295	0.00119	0.108	0.00000928	4.49	5.65	0.0592	0.000921	29.9	0.00295	0.0089	0.000297	0.000559	0.000225	0.251	0.0000025	0.00086	0.000645	0.0017	0.000884
2076 Nov	0.000295	0.00119	0.108	0.00000928	4.49	5.65	0.0592	0.000921	29.9	0.00295	0.00889	0.000297	0.000559	0.000225	0.251	0.0000025	0.00086	0.000645	0.0017	0.000884
2076 Dec	0.000295	0.00119	0.108	0.00000928	4.49	5.65	0.0592	0.000921	29.9	0.00295	0.0089	0.000297	0.000559	0.000225	0.251	0.0000025	0.00086	0.000645	0.0017	0.000884
2077 Jan	0.000295	0.00119	0.108	0.00000928	4.49	5.65	0.0592	0.000921	29.9	0.00295	0.0089	0.000297	0.000559	0.000225	0.251	0.0000025	0.00086	0.000645	0.0017	0.000884
2077 Feb	0.000295	0.00119	0.108	0.00000928	4.49	5.65	0.0592	0.000921	29.9	0.00295	0.0089	0.000297	0.000559	0.000225	0.251	0.0000025	0.00086	0.000645	0.0017	0.000884
2077 Mar	0.000295	0.00119	0.108	0.00000928	4.49	5.65	0.0592	0.000921	29.9	0.00295	0.0089	0.000297	0.000559	0.000225	0.251	0.0000025	0.00086	0.000645	0.0017	0.000884
2077 Apr	0.000295	0.00119	0.108	0.00000928	4.49	5.65	0.0592	0.000921	29.9	0.00295	0.0089	0.000297	0.000559	0.000225	0.251	0.0000025	0.00086	0.000645	0.0017	0.000885
2077 May	0.000295	0.00119	0.108	0.00000929	4.49	5.65	0.0592	0.000921	29.9	0.00295	0.0089	0.000297	0.000559	0.000225	0.251	0.0000025	0.00086	0.000646	0.0017	0.000885
2077 Jun	0.000295	0.00119	0.108	0.00000928	4.47	5.63	0.0592	0.000917	29.7	0.00294	0.00889	0.000299	0.000557	0.000225	0.25	0.00000249	0.000856	0.000646	0.0017	0.000886
2077 Jul	0.000296	0.00119	0.108	0.0000093	4.48	5.64	0.0593	0.000919	29.7	0.00295	0.0089	0.000299	0.000558	0.000225	0.25	0.00000249	0.000857	0.000647	0.0017	0.000887
2077 Aug	0.000296	0.00119	0.108	0.00000931	4.49	5.65	0.0594	0.00092	29.7	0.00295	0.00892	0.0003	0.000559	0.000225	0.251	0.0000025	0.000859	0.000648	0.0017	0.000889
2077 Sep	0.000296	0.00119	0.108	0.00000931	4.48	5.64	0.0593	0.000919	29.7	0.00295	0.00891	0.000299	0.000558	0.000225	0.25	0.00000249	0.000857	0.000647	0.0017	0.00089
2077 Oct	0.000296	0.00119	0.108	0.00000931	4.48	5.64	0.0593	0.000919	29.6	0.00295	0.00891	0.000299	0.000558	0.000225	0.25	0.00000249	0.000857	0.000647	0.0017	0.00089
2077 Nov	0.000296	0.00119	0.108	0.00000931	4.48	5.64	0.0593	0.000919	29.6	0.00295	0.00891	0.000299	0.000558	0.000225	0.25	0.00000249	0.000857	0.000647	0.0017	0.00089
2077 Dec	0.000296	0.00119	0.108	0.00000931	4.48	5.64	0.0593	0.000919	29.6	0.00295	0.00891	0.000299	0.000558	0.000225	0.25	0.00000249	0.000857	0.000647	0.0017	0.00089
2078 Jan	0.000296	0.00119	0.108	0.00000931	4.48	5.64	0.0593	0.000919	29.6	0.00295	0.00891	0.000299	0.000558	0.000225	0.25	0.00000249	0.000857	0.000647	0.0017	0.00089
2078 Feb	0.000296	0.00119	0.108	0.00000931	4.48	5.64	0.0593	0.000919	29.6	0.00295	0.00891	0.000299	0.000558	0.000225	0.25	0.00000249	0.000857	0.000647	0.0017	0.00089
2078 Mar	0.000296	0.00119	0.108	0.00000931	4.48	5.64	0.0593	0.000919	29.6	0.00295	0.00891	0.000299	0.000558	0.000225	0.25	0.00000249	0.000857	0.000647	0.0017	0.00089
2078 Apr	0.000296	0.00119	0.108	0.00000931	4.48	5.64	0.0593	0.000919	29.6	0.00295	0.00891	0.000299	0.000558	0.000225	0.25	0.00000249	0.000857	0.000647	0.0017	0.000891
2078 May	0.000296	0.00119	0.108	0.00000932	4.48	5.64	0.0594	0.000918	29.5	0.00294	0.00891	0.0003	0.000557	0.000225	0.25	0.00000249	0.000857	0.000648	0.0017	0.000893
2078 Jun	0.000297	0.00119	0.108	0.00000931	4.46	5.63	0.0595	0.000915	29.4	0.00293	0.0089	0.000302	0.000555	0.000224	0.25	0.00000248	0.000853	0.000649	0.0017	0.000894
2078 Jul	0.000297	0.00119	0.109	0.00000932	4.47	5.64	0.0596	0.000916	29.4	0.00294	0.00891	0.000302	0.000556	0.000224	0.25	0.00000249	0.000855	0.00065	0.0017	0.000896
2078 Aug	0.000298	0.00119	0.109	0.00000933	4.47	5.64	0.0596	0.000917	29.4	0.00294	0.00892	0.000303	0.000557	0.000225	0.25	0.00000249	0.000855	0.000651	0.0017	0.000897
2078 Sep	0.000298	0.00119	0.109	0.00000934	4.48	5.65	0.0596	0.000918	29.4	0.00294	0.00893	0.000303	0.000557	0.000225	0.25	0.00000249	0.000856	0.000651	0.0017	0.000898
2078 Oct	0.000298	0.00119	0.109	0.00000934	4.47	5.64	0.0596	0.000917	29.4	0.00294	0.00892	0.000303	0.000556	0.000225	0.25	0.00000249	0.000855	0.000651	0.0017	0.0009
2078 Nov	0.000298	0.00119	0.109	0.00000934	4.48	5.64	0.0596	0.000917	29.4	0.00294	0.00892	0.000303	0.000556	0.000225	0.25	0.00000249	0.000855	0.000651	0.0017	0.0009
2078 Dec	0.000298	0.00119	0.109	0.00000934	4.48	5.64	0.0596	0.000917	29.4	0.00294	0.00893	0.000303	0.000556	0.000225	0.25	0.00000249	0.000855	0.000651	0.0017	0.0009
2079 Jan	0.000298	0.00119	0.109	0.00000934	4.48	5.64	0.0596	0.000917	29.4	0.00294	0.00893	0.000303	0.000556	0.000225	0.25	0.00000249	0.000855	0.000651	0.0017	0.0009
2079 Feb	0.000298	0.00119	0.109	0.00000934	4.48	5.64	0.0596	0.000917	29.4	0.00294	0.00893	0.000303	0.000556	0.000225	0.25	0.00000249	0.000855	0.000651	0.0017	0.0009
2079 Mar	0.000298	0.00119	0.109	0.00000934	4.48	5.65	0.0596	0.000918	29.4	0.00294	0.00893	0.000303	0.000556	0.000225	0.25	0.00000249	0.000855	0.000651	0.0017	0.0009
2079 Apr	0.000298	0.00119	0.109	0.00000934	4.48	5.65	0.0596	0.000918	29.4	0.00294	0.00893	0.000303	0.000556	0.000225	0.25	0.00000249	0.000856	0.000651	0.0017	0.0009
2079 May	0.000298	0.00119	0.109	0.00000935	4.48	5.65	0.0597	0.000918	29.4	0.00294	0.00893	0.000303	0.000557	0.000225	0.25	0.00000249	0.000856	0.000651	0.0017	0.000901
2079 Jun	0.000298	0.00119	0.109	0.00000934	4.46	5.63	0.0596	0.000914	29.2	0.00293	0.00892	0.000304	0.000555	0.000224	0.25	0.00000248	0.000852	0.000651	0.0017	0.000903
2079 Jul	0.000298	0.00119	0.109	0.00000935	4.46	5.63	0.0596	0.000914	29.1	0.00293	0.00892	0.000304	0.000554	0.000224	0.249	0.00000248	0.000852	0.000651	0.0017	0.000904
2079 Aug	0.000298	0.00119	0.109	0.00000936	4.47	5.64	0.0597	0.000915	29.2	0.00293	0.00893	0.000304	0.000555	0.000224	0.25	0.00000248	0.000853	0.000652	0.0017	0.000905
2079 Sep	0.000298	0.00119	0.109	0.00000936	4.46	5.63	0.0596	0.000915	29.1	0.00293	0.00893	0.000304	0.000555	0.000224	0.25	0.00000248	0.000853	0.000651	0.0017	0.000906
2079 Oct	0.000298	0.00119	0.109	0.00000936	4.46	5.63	0.0596	0.000914	29.1	0.00293	0.00892	0.000303	0.000554	0.000224	0.249	0.00000248	0.000852	0.000651	0.0017	0.000907
2079 Nov	0.000298	0.00119	0.109	0.00000936	4.46	5.63	0.0595	0.000914	29.1	0.00293	0.00892	0.000303	0.000554	0.000224	0.249	0.00000248	0.000852	0.000651	0.0017	0.000907
2079 Dec	0.000298	0.00119	0.109	0.00000936	4.46	5.63	0.0595	0.000914	29.1	0.00293	0.00892	0.000303	0.000554	0.000224	0.249	0.00000248	0.000852	0.000651	0.0017	0.000907
2080 Jan	0.000298	0.00119	0.109	0.00000936	4.46	5.63	0.0595	0.000914	29.1	0.00293	0.00892	0.000303	0.000554	0.000224	0.249	0.00000248	0.000852	0.000651	0.0017	0.000907

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2080 Feb	0.000298	0.00119	0.109	0.00000936	4.46	5.63	0.0595	0.000914	29.1	0.00293	0.00892	0.000303	0.000554	0.000224	0.249	0.00000248	0.000852	0.000651	0.0017	0.000907
2080 Mar	0.000298	0.00119	0.109	0.00000936	4.46	5.63	0.0595	0.000914	29.1	0.00293	0.00892	0.000303	0.000554	0.000224	0.249	0.00000248	0.000852	0.000651	0.0017	0.000907
2080 Apr	0.000298	0.00119	0.109	0.00000936	4.46	5.63	0.0595	0.000914	29.1	0.00293	0.00892	0.000303	0.000554	0.000224	0.249	0.00000248	0.000852	0.000651	0.0017	0.000907
2080 May	0.000298	0.00119	0.109	0.00000937	4.46	5.63	0.0596	0.000915	29.1	0.00293	0.00893	0.000303	0.000555	0.000224	0.25	0.00000248	0.000853	0.000651	0.0017	0.000908
2080 Jun	0.000297	0.00119	0.109	0.00000937	4.45	5.61	0.0594	0.000912	28.9	0.00292	0.00892	0.000302	0.000553	0.000223	0.249	0.00000248	0.00085	0.00065	0.0017	0.000909
2080 Jul	0.000297	0.00119	0.109	0.00000937	4.44	5.61	0.0593	0.000912	28.9	0.00292	0.00892	0.000302	0.000553	0.000223	0.249	0.00000248	0.000849	0.000649	0.0017	0.000909
2080 Aug	0.000297	0.00119	0.109	0.00000938	4.45	5.61	0.0593	0.000912	28.9	0.00292	0.00893	0.000302	0.000553	0.000223	0.249	0.00000248	0.00085	0.00065	0.0017	0.00091
2080 Sep	0.000296	0.00119	0.109	0.00000938	4.44	5.61	0.0593	0.000912	28.9	0.00292	0.00893	0.000302	0.000553	0.000223	0.249	0.00000248	0.000849	0.000649	0.0017	0.000911
2080 Oct	0.000296	0.00119	0.109	0.00000938	4.44	5.61	0.0592	0.000911	28.8	0.00292	0.00892	0.000301	0.000552	0.000223	0.248	0.00000248	0.000849	0.000648	0.0017	0.000911
2080 Nov	0.000296	0.00119	0.109	0.00000938	4.44	5.6	0.0592	0.000911	28.8	0.00292	0.00892	0.000301	0.000552	0.000223	0.248	0.00000248	0.000849	0.000648	0.0017	0.000912
2080 Dec	0.000296	0.00119	0.109	0.00000938	4.44	5.6	0.0591	0.000911	28.8	0.00292	0.00892	0.000301	0.000552	0.000223	0.248	0.00000248	0.000849	0.000648	0.0017	0.000912
2081 Jan	0.000296	0.00119	0.109	0.00000938	4.44	5.6	0.0591	0.000911	28.8	0.00292	0.00892	0.000301	0.000552	0.000223	0.248	0.00000248	0.000849	0.000648	0.0017	0.000912
2081 Feb	0.000296	0.00119	0.109	0.00000938	4.44	5.6	0.0591	0.000911	28.8	0.00292	0.00892	0.000301	0.000552	0.000223	0.248	0.00000248	0.000849	0.000648	0.0017	0.000912
2081 Mar	0.000296	0.00119	0.109	0.00000938	4.44	5.6	0.0591	0.000911	28.8	0.00292	0.00892	0.000301	0.000552	0.000223	0.248	0.00000248	0.000849	0.000648	0.0017	0.000912
2081 Apr	0.000296	0.00119	0.109	0.00000939	4.44	5.6	0.0592	0.000911	28.8	0.00292	0.00892	0.000301	0.000552	0.000223	0.248	0.00000248	0.000849	0.000648	0.0017	0.000912
2081 May	0.000296	0.00119	0.109	0.00000939	4.44	5.6	0.0592	0.000911	28.8	0.00292	0.00893	0.000302	0.000552	0.000222	0.248	0.00000248	0.000848	0.000648	0.0017	0.000913
2081 Jun	0.000296	0.00118	0.109	0.00000939	4.43	5.59	0.0592	0.000908	28.6	0.00291	0.00892	0.000302	0.00055	0.000222	0.248	0.00000247	0.000845	0.000649	0.0017	0.000912
2081 Jul	0.000297	0.00119	0.109	0.0000094	4.43	5.6	0.0593	0.00091	28.7	0.00291	0.00894	0.000303	0.000551	0.000222	0.248	0.00000247	0.000847	0.00065	0.0017	0.000914
2081 Aug	0.000297	0.00119	0.109	0.00000942	4.44	5.61	0.0594	0.000912	28.8	0.00292	0.00896	0.000303	0.000552	0.000223	0.249	0.00000248	0.000848	0.000651	0.00171	0.000916
2081 Sep	0.000297	0.00119	0.109	0.00000943	4.44	5.61	0.0594	0.000912	28.8	0.00292	0.00896	0.000303	0.000552	0.000223	0.249	0.00000248	0.000848	0.000651	0.00171	0.000916
2081 Oct	0.000297	0.00119	0.109	0.00000943	4.44	5.61	0.0594	0.000912	28.7	0.00292	0.00896	0.000303	0.000552	0.000223	0.249	0.00000248	0.000848	0.000651	0.00171	0.000917
2081 Nov	0.000297	0.00119	0.109	0.00000943	4.44	5.61	0.0594	0.000911	28.7	0.00292	0.00896	0.000303	0.000552	0.000223	0.248	0.00000248	0.000848	0.000651	0.00171	0.000918
2081 Dec	0.000297	0.00119	0.109	0.00000943	4.44	5.61	0.0594	0.000911	28.7	0.00292	0.00896	0.000303	0.000552	0.000223	0.248	0.00000248	0.000848	0.000651	0.00171	0.000918
2082 Jan	0.000297	0.00119	0.109	0.00000943	4.44	5.61	0.0594	0.000911	28.7	0.00292	0.00896	0.000303	0.000552	0.000223	0.248	0.00000248	0.000848	0.000651	0.00171	0.000918
2082 Feb	0.000297	0.00119	0.109	0.00000943	4.44	5.61	0.0594	0.000911	28.7	0.00292	0.00896	0.000303	0.000552	0.000223	0.248	0.00000248	0.000848	0.000651	0.00171	0.000918
2082 Mar	0.000297	0.00119	0.109	0.00000943	4.44	5.61	0.0594	0.000911	28.7	0.00292	0.00896	0.000303	0.000552	0.000223	0.248	0.00000248	0.000848	0.000651	0.00171	0.000918
2082 Apr	0.000297	0.00119	0.109	0.00000943	4.44	5.61	0.0594	0.000912	28.7	0.00292	0.00896	0.000303	0.000552	0.000223	0.248	0.00000248	0.000848	0.000651	0.00171	0.000918
2082 May	0.000298	0.00119	0.109	0.00000943	4.44	5.61	0.0594	0.000912	28.7	0.00292	0.00896	0.000303	0.000552	0.000223	0.249	0.00000248	0.000849	0.000651	0.00171	0.000918
2082 Jun	0.000296	0.00118	0.109	0.00000943	4.43	5.59	0.0592	0.000909	28.5	0.00291	0.00894	0.000302	0.00055	0.000222	0.248	0.00000247	0.000845	0.000649	0.0017	0.000922
2082 Jul	0.000296	0.00118	0.109	0.00000943	4.42	5.58	0.059	0.000907	28.4	0.0029	0.00894	0.000301	0.000549	0.000221	0.247	0.00000247	0.000844	0.000649	0.0017	0.000924
2082 Aug	0.000296	0.00118	0.109	0.00000945	4.42	5.59	0.0591	0.000908	28.4	0.00291	0.00895	0.000302	0.00055	0.000222	0.247	0.00000247	0.000845	0.000649	0.00171	0.000925
2082 Sep	0.000296	0.00118	0.109	0.00000945	4.43	5.59	0.0591	0.000908	28.4	0.00291	0.00895	0.000302	0.00055	0.000222	0.247	0.00000247	0.000845	0.000649	0.00171	0.000926
2082 Oct	0.000295	0.00118	0.109	0.00000944	4.42	5.58	0.059	0.000907	28.4	0.0029	0.00894	0.000301	0.000549	0.000221	0.247	0.00000247	0.000844	0.000648	0.0017	0.000926
2082 Nov	0.000295	0.00118	0.109	0.00000945	4.42	5.58	0.059	0.000907	28.4	0.0029	0.00894	0.000301	0.000549	0.000221	0.247	0.00000247	0.000844	0.000648	0.0017	0.000926
2082 Dec	0.000295	0.00118	0.109	0.00000945	4.42	5.58	0.059	0.000907	28.4	0.0029	0.00894	0.000301	0.000549	0.000221	0.247	0.00000247	0.000844	0.000648	0.0017	0.000926
2083 Jan	0.000295	0.00118	0.109	0.00000945	4.42	5.58	0.059	0.000907	28.4	0.0029	0.00894	0.000301	0.000549	0.000221	0.247	0.00000247	0.000844	0.000648	0.0017	0.000926
2083 Feb	0.000296	0.00118	0.109	0.00000945	4.42	5.58	0.059	0.000907	28.4	0.0029	0.00894	0.000301	0.000549	0.000221	0.247	0.00000247	0.000844	0.000648	0.00171	0.000926
2083 Mar	0.000296	0.00118	0.109	0.00000945	4.42	5.58	0.059	0.000907	28.4	0.0029	0.00894	0.000301	0.000549	0.000221	0.247	0.00000247	0.000844	0.000648	0.00171	0.000926
2083 Apr	0.000296	0.00118	0.109	0.00000945	4.42	5.58	0.059	0.000907	28.4	0.0029	0.00895	0.000301	0.000549	0.000221	0.247	0.00000247	0.000844	0.000648	0.00171	0.000926
2083 May	0.000296	0.00118	0.109	0.00000945	4.42	5.58	0.059	0.000907	28.3	0.0029	0.00895	0.000302	0.000549	0.000221	0.247	0.00000247	0.000844	0.000649	0.00171	0.000929
2083 Jun	0.000296	0.00118	0.109	0.00000944	4.4	5.56	0.059	0.000903	28.1	0.00289	0.00893	0.000303	0.000547	0.00022	0.246	0.00000246	0.00084	0.000649	0.0017	0.000932
2083 Jul	0.000296	0.00118	0.109	0.00000945	4.4	5.57	0.059	0.000904	28.1	0.00289	0.00894	0.000303	0.000547	0.000221	0.246	0.00000246	0.000841	0.00065	0.0017	0.000933
2083 Aug	0.000296	0.00118	0.109	0.00000946	4.41	5.57	0.0591	0.000904	28.1	0.00289	0.00895	0.000303	0.000547	0.000221	0.247	0.00000246	0.000841	0.00065	0.0017	0.000935
2083 Sep	0.000296	0.00118	0.109	0.00000946	4.4	5.57	0.059	0.000904	28.1	0.00289	0.00894	0.000303	0.000547	0.00022	0.246	0.00000246	0.00084	0.00065	0.0017	0.000936
2083 Oct	0.000296	0.00118	0.109	0.00000946	4.4	5.56	0.0589	0.000903	28	0.00289	0.00893	0.000302	0.000546	0.00022	0.246	0.00000246	0.000839	0.000648	0.0017	0.000937
2083 Nov	0.000296	0.00118	0.109	0.00000946	4.39	5.56	0.0589	0.000902	28	0.00289	0.00893	0.000302	0.000546	0.00022	0.246	0.00000246	0.000839	0.000648	0.0017	0.000937
2083 Dec	0.000296	0.00118	0.109	0.00000946	4.39	5.56	0.0589	0.000902	28	0.00289	0.00893	0.000302	0.000546	0.00022	0.246	0.00000246	0.000839	0.000648	0.0017	0.000937
2084 Jan	0.000296	0.00118	0.109	0.00000946	4.39	5.56	0.0589	0.000902	28	0.00289	0.00893	0.000302	0.000546	0.00022	0.246	0.00000246	0.000839	0.000648	0.0017	0.000937
2084 Feb	0.000296	0.00118	0.109	0.00000946	4.39	5.56	0.0589	0.000902	28	0.00289	0.00893	0.000302	0.000546	0.00022	0.246	0.00000246	0.000839	0.000648	0.0017	0.000937
2084 Mar	0.000296	0.00118	0.109	0.00000946	4.39	5.56	0.0589	0.000902	28	0.00289	0.00893	0.000302	0.000546	0.00022	0.246	0.00000246	0.000839	0.000648	0.0017	0.000937
2084 Apr	0.000296	0.00118	0.109	0.00000946	4.4	5.56	0.0589	0.000903	28	0.00289	0.00894	0.000302	0.000546	0.00022	0.246	0.00000246	0.000839	0.000648	0.0017	0.000937
2084 May	0.000296	0.00118	0.109	0.00000946	4.39	5.56	0.059	0.000902	27.9	0.00288	0.00894	0.000303	0.000545	0.00022	0.246	0.00000246	0.000838	0.000649	0.0017	0.000939
2084 Jun	0.000296	0.00117	0.109	0.00000945	4.38	5.54	0.059	0.000898	27.7	0.00287	0.00892	0.000304	0.000543	0.000219	0.245	0.00000245	0.000834	0.000649	0.0017	0.000939
2084 Jul	0.000297	0.00118	0.109	0.00000946	4.38	5.55	0.059	0.000899	27.8	0.00288	0.00894	0.000305	0.000544	0.000219	0.245	0.00000245	0.000835	0.00065	0.0017	0.00094
2084 Aug	0.000297	0.00118	0.11	0.00000948	4.39	5.55	0.0591	0.0009	27.8	0.00288	0.00895	0.000305	0.000544	0.00022	0.246	0.00000245	0.000836	0.000651	0.0017	0.000941
2084 Sep	0.000297	0.00118	0.11	0.00000948	4.38	5.55	0.0591	0.0009	27.8	0.00288	0.00895	0.000305	0.000544	0.00022	0.246	0.00000245	0.000836	0.00065	0.0017	0.000942
2084 Oct	0.000297	0.00118	0.11	0.00000948	4.38	5.55	0.059	0.000899	27.7	0.00288	0.00894	0.000305	0.000543	0.000219	0.245	0.00000245	0.000835	0.00065	0.0017	0.000943
2084 Nov	0.000297	0.00118	0.11	0.00000948	4.38	5.55	0.059	0.000899	27.7	0.00288	0.00894	0.000305	0.000543	0.000219	0.245	0.00000245	0.000835	0.00065	0.0017	0.000943
2084 Dec	0.000297	0.00118	0.11	0.00000948	4.38	5.55	0.059	0.000899	27.7	0.00288	0.00894	0.000305	0.000543	0.000219	0.245	0.00000245	0.000835	0.00065	0.0017	0.000943
2085 Jan	0.000297	0.00118	0.11	0.00000948	4.38	5.55	0.059	0.000899	27.7	0.00288	0.00894	0.000305	0.000543	0.000219	0.245	0.00000245	0.000835	0.00065	0.0017	0.000943
2085 Feb	0.000297	0.00118	0.11	0.00000948	4.38	5.55	0.059	0.000899	27.7	0.00288	0.00894	0.000305	0.000543	0.000219	0.245	0.00000245	0.000835	0.00065	0.0017	0.000943
2085 Mar	0.000297	0.00118	0.11	0.00000948	4.38	5.55	0.059	0.000899	27.7	0.00288	0.00894	0.000305	0.000543	0.000219	0.245	0.00000245	0.000835	0.00065	0.0017	0.000943
2085 Apr	0.000297	0.00118	0.11	0.00000948	4.38	5.55	0.059	0.000899	27.7	0.00288	0.00894	0.000305	0.000543	0.000219	0.245	0.00000245	0.000835	0.00065	0.0017	0.000943
2085 May	0.000297	0.00118	0.11	0.00000948	4.38	5.55	0.0591	0.000899	27.7	0.00287	0.00894	0.000305	0.000543	0.000219	0.245	0.00000245	0.000834	0.00065	0.0017	0.000945
2085 Jun	0.000298	0.00118	0.11	0.00000948	4.37	5.54	0.0591	0.000897	27.6	0.00287	0.00894	0.000306	0.000542	0.000219	0.245	0.00000245	0.000833	0.000651	0.0017	0.000946
2085 Jul	0.000298	0.00118	0.11	0.0000095	4.38	5.55	0.0592	0.000899	27.6	0.00287	0.00896	0.000307	0.000543	0.000219	0.245	0.00000245	0.000834	0.000652	0.0017	0.000948
2085 Aug	0.000298	0.00118	0.11	0.0000095	4.38	5.55	0.0592	0.000899	27.6	0.00287	0.00896	0.000307	0.000543	0.000219	0.245	0.00000245	0.000834	0.000652	0.0017	0.000949
2085 Sep	0.000298	0.00118	0.11	0.0000095	4.37	5.55	0.0592	0.000898	27.6	0.00287	0.00895	0.000307	0.000542	0.000219	0.245	0.00000245	0.000833	0.000652	0.0017	0.000951

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2085 Oct	0.000298	0.00118	0.11	0.0000095	4.37	5.54	0.0591	0.000898	27.5	0.00287	0.00895	0.000307	0.000541	0.000219	0.245	0.00000245	0.000832	0.000651	0.0017	0.000952
2085 Nov	0.000298	0.00118	0.11	0.0000095	4.37	5.54	0.0591	0.000897	27.5	0.00287	0.00894	0.000306	0.000541	0.000219	0.245	0.00000244	0.000832	0.00065	0.00169	0.000953
2085 Dec	0.000298	0.00118	0.11	0.0000095	4.37	5.54	0.0591	0.000897	27.5	0.00287	0.00894	0.000306	0.000541	0.000219	0.245	0.00000244	0.000832	0.00065	0.00169	0.000953
2086 Jan	0.000298	0.00118	0.11	0.0000095	4.37	5.54	0.0591	0.000897	27.5	0.00287	0.00894	0.000306	0.000541	0.000219	0.245	0.00000244	0.000832	0.00065	0.00169	0.000953
2086 Feb	0.000298	0.00118	0.11	0.0000095	4.37	5.54	0.0591	0.000897	27.5	0.00287	0.00894	0.000306	0.000541	0.000219	0.245	0.00000244	0.000832	0.00065	0.00169	0.000953
2086 Mar	0.000298	0.00118	0.11	0.0000095	4.37	5.54	0.0591	0.000897	27.5	0.00287	0.00894	0.000306	0.000541	0.000219	0.245	0.00000244	0.000832	0.00065	0.00169	0.000953
2086 Apr	0.000298	0.00118	0.11	0.0000095	4.37	5.54	0.0591	0.000897	27.5	0.00287	0.00895	0.000306	0.000541	0.000219	0.245	0.00000244	0.000832	0.000651	0.00169	0.000953
2086 May	0.000298	0.00118	0.11	0.0000095	4.37	5.54	0.0592	0.000898	27.5	0.00287	0.00895	0.000307	0.000541	0.000219	0.245	0.00000245	0.000832	0.000651	0.0017	0.000955
2086 Jun	0.000298	0.00117	0.11	0.00000949	4.35	5.53	0.0591	0.000894	27.3	0.00286	0.00894	0.000308	0.000539	0.000218	0.244	0.00000244	0.000828	0.000651	0.00169	0.000957
2086 Jul	0.000298	0.00117	0.11	0.00000951	4.36	5.53	0.0592	0.000895	27.3	0.00286	0.00895	0.000308	0.000539	0.000218	0.244	0.00000244	0.000829	0.000652	0.00169	0.000958
2086 Aug	0.000299	0.00117	0.11	0.00000952	4.36	5.54	0.0592	0.000895	27.3	0.00286	0.00895	0.000308	0.00054	0.000218	0.245	0.00000244	0.00083	0.000652	0.00169	0.00096
2086 Sep	0.000298	0.00117	0.11	0.00000952	4.36	5.53	0.0592	0.000895	27.3	0.00286	0.00895	0.000308	0.000539	0.000218	0.244	0.00000244	0.000829	0.000652	0.00169	0.000961
2086 Oct	0.000298	0.00117	0.11	0.00000952	4.36	5.53	0.0592	0.000895	27.3	0.00286	0.00895	0.000308	0.000539	0.000218	0.244	0.00000244	0.000829	0.000652	0.00169	0.000962
2086 Nov	0.000298	0.00117	0.11	0.00000952	4.36	5.53	0.0592	0.000895	27.3	0.00286	0.00895	0.000308	0.000539	0.000218	0.244	0.00000244	0.000829	0.000652	0.00169	0.000963
2086 Dec	0.000298	0.00117	0.11	0.00000952	4.36	5.53	0.0592	0.000895	27.3	0.00286	0.00895	0.000308	0.000539	0.000218	0.244	0.00000244	0.000829	0.000652	0.00169	0.000963
2087 Jan	0.000298	0.00117	0.11	0.00000952	4.36	5.53	0.0592	0.000895	27.3	0.00286	0.00895	0.000308	0.000539	0.000218	0.244	0.00000244	0.000829	0.000652	0.00169	0.000963
2087 Feb	0.000298	0.00117	0.11	0.00000952	4.36	5.53	0.0592	0.000895	27.3	0.00286	0.00895	0.000308	0.000539	0.000218	0.244	0.00000244	0.000829	0.000652	0.00169	0.000963
2087 Mar	0.000298	0.00117	0.11	0.00000952	4.36	5.53	0.0592	0.000895	27.3	0.00286	0.00895	0.000308	0.000539	0.000218	0.244	0.00000244	0.000829	0.000652	0.00169	0.000963
2087 Apr	0.000298	0.00117	0.11	0.00000953	4.36	5.53	0.0592	0.000895	27.3	0.00286	0.00895	0.000308	0.000539	0.000218	0.244	0.00000244	0.000829	0.000652	0.00169	0.000963
2087 May	0.000299	0.00117	0.11	0.00000953	4.36	5.53	0.0592	0.000895	27.2	0.00286	0.00896	0.000308	0.000539	0.000218	0.244	0.00000244	0.000829	0.000652	0.00169	0.000964
2087 Jun	0.000299	0.00117	0.11	0.00000952	4.35	5.52	0.0592	0.000893	27.1	0.00285	0.00895	0.000309	0.000538	0.000217	0.244	0.00000243	0.000827	0.000652	0.00169	0.000965
2087 Jul	0.000299	0.00117	0.111	0.00000954	4.35	5.53	0.0593	0.000894	27.1	0.00286	0.00896	0.000309	0.000538	0.000218	0.244	0.00000244	0.000827	0.000653	0.00169	0.000967
2087 Aug	0.0003	0.00118	0.111	0.00000955	4.36	5.54	0.0594	0.000895	27.2	0.00286	0.00897	0.00031	0.000539	0.000218	0.245	0.00000244	0.000828	0.000654	0.0017	0.000968
2087 Sep	0.0003	0.00118	0.111	0.00000956	4.36	5.54	0.0594	0.000895	27.2	0.00286	0.00898	0.00031	0.000539	0.000218	0.245	0.00000244	0.000829	0.000654	0.0017	0.00097
2087 Oct	0.0003	0.00118	0.111	0.00000956	4.36	5.54	0.0594	0.000895	27.2	0.00286	0.00898	0.00031	0.000539	0.000218	0.245	0.00000244	0.000829	0.000654	0.0017	0.000971
2087 Nov	0.0003	0.00118	0.111	0.00000956	4.36	5.54	0.0594	0.000895	27.1	0.00286	0.00898	0.00031	0.000539	0.000218	0.245	0.00000244	0.000829	0.000654	0.0017	0.000971
2087 Dec	0.0003	0.00118	0.111	0.00000956	4.36	5.54	0.0594	0.000895	27.1	0.00286	0.00898	0.00031	0.000539	0.000218	0.245	0.00000244	0.000829	0.000654	0.0017	0.000971
2088 Jan	0.0003	0.00118	0.111	0.00000956	4.36	5.54	0.0594	0.000895	27.1	0.00286	0.00898	0.00031	0.000539	0.000218	0.245	0.00000244	0.000829	0.000654	0.0017	0.000971
2088 Feb	0.0003	0.00118	0.111	0.00000956	4.36	5.54	0.0594	0.000895	27.1	0.00286	0.00898	0.00031	0.000539	0.000218	0.245	0.00000244	0.000829	0.000654	0.0017	0.000971
2088 Mar	0.0003	0.00118	0.111	0.00000956	4.36	5.54	0.0594	0.000895	27.1	0.00286	0.00898	0.00031	0.000539	0.000218	0.245	0.00000244	0.000829	0.000654	0.0017	0.000971
2088 Apr	0.0003	0.00118	0.111	0.00000956	4.36	5.54	0.0594	0.000895	27.2	0.00286	0.00898	0.00031	0.000539	0.000218	0.245	0.00000244	0.000829	0.000654	0.0017	0.000972
2088 May	0.0003	0.00118	0.111	0.00000957	4.36	5.54	0.0594	0.000896	27.2	0.00286	0.00899	0.00031	0.000539	0.000218	0.245	0.00000244	0.000829	0.000655	0.0017	0.000972
2088 Jun	0.0003	0.00118	0.111	0.00000957	4.35	5.53	0.0593	0.000894	27.1	0.00286	0.00898	0.00031	0.000538	0.000218	0.244	0.00000244	0.000827	0.000654	0.0017	0.000974
2088 Jul	0.0003	0.00118	0.111	0.00000959	4.36	5.54	0.0594	0.000895	27.1	0.00286	0.00899	0.00031	0.000539	0.000218	0.244	0.00000244	0.000828	0.000655	0.0017	0.000976
2088 Aug	0.000301	0.00118	0.111	0.00000961	4.36	5.55	0.0595	0.000896	27.1	0.00286	0.00901	0.000311	0.00054	0.000218	0.245	0.00000245	0.00083	0.000656	0.0017	0.000978
2088 Sep	0.000301	0.00118	0.111	0.00000962	4.37	5.55	0.0595	0.000897	27.1	0.00287	0.00902	0.000311	0.00054	0.000218	0.245	0.00000245	0.00083	0.000657	0.0017	0.000979
2088 Oct	0.0003	0.00118	0.111	0.00000961	4.36	5.54	0.0594	0.000896	27.1	0.00286	0.00901	0.00031	0.000539	0.000218	0.245	0.00000245	0.000829	0.000656	0.0017	0.000981
2088 Nov	0.0003	0.00118	0.111	0.00000961	4.36	5.54	0.0594	0.000896	27.1	0.00286	0.00901	0.00031	0.000539	0.000218	0.245	0.00000245	0.000829	0.000655	0.0017	0.000981
2088 Dec	0.0003	0.00118	0.111	0.00000961	4.36	5.54	0.0594	0.000896	27.1	0.00286	0.00901	0.00031	0.000539	0.000218	0.245	0.00000245	0.000829	0.000655	0.0017	0.000981
2089 Jan	0.0003	0.00118	0.111	0.00000961	4.36	5.54	0.0594	0.000896	27.1	0.00286	0.00901	0.00031	0.000539	0.000218	0.245	0.00000245	0.000829	0.000655	0.0017	0.000981
2089 Feb	0.0003	0.00118	0.111	0.00000961	4.36	5.54	0.0594	0.000896	27.1	0.00286	0.00901	0.00031	0.000539	0.000218	0.245	0.00000245	0.000829	0.000655	0.0017	0.000981
2089 Mar	0.0003	0.00118	0.111	0.00000961	4.36	5.54	0.0594	0.000896	27.1	0.00286	0.00901	0.00031	0.000539	0.000218	0.245	0.00000245	0.000829	0.000655	0.0017	0.000981
2089 Apr	0.0003	0.00118	0.111	0.00000962	4.36	5.54	0.0594	0.000896	27.1	0.00286	0.00901	0.00031	0.000539	0.000218	0.245	0.00000245	0.000829	0.000656	0.0017	0.000981
2089 May	0.0003	0.00118	0.111	0.00000962	4.36	5.54	0.0595	0.000896	27	0.00286	0.00901	0.000311	0.000539	0.000218	0.245	0.00000245	0.000829	0.000656	0.0017	0.000982
2089 Jun	0.000301	0.00118	0.111	0.00000962	4.35	5.54	0.0595	0.000894	26.9	0.00286	0.00902	0.000312	0.000538	0.000218	0.244	0.00000244	0.000827	0.000657	0.0017	0.000983
2089 Jul	0.000301	0.00118	0.112	0.00000964	4.36	5.54	0.0596	0.000895	27	0.00286	0.00903	0.000312	0.000539	0.000218	0.245	0.00000245	0.000827	0.000658	0.0017	0.000985
2089 Aug	0.000302	0.00118	0.112	0.00000965	4.36	5.55	0.0596	0.000896	27	0.00286	0.00904	0.000313	0.000539	0.000218	0.245	0.00000245	0.000828	0.000659	0.00171	0.000986
2089 Sep	0.000302	0.00118	0.112	0.00000966	4.36	5.55	0.0597	0.000896	27	0.00286	0.00904	0.000313	0.000539	0.000218	0.245	0.00000245	0.000828	0.000659	0.00171	0.000988
2089 Oct	0.000301	0.00118	0.112	0.00000965	4.35	5.54	0.0595	0.000895	26.9	0.00286	0.00903	0.000312	0.000538	0.000218	0.245	0.00000245	0.000827	0.000657	0.0017	0.00099
2089 Nov	0.000301	0.00118	0.112	0.00000965	4.35	5.54	0.0595	0.000895	26.9	0.00286	0.00903	0.000312	0.000538	0.000218	0.245	0.00000244	0.000827	0.000657	0.0017	0.000991
2089 Dec	0.000301	0.00118	0.112	0.00000965	4.35	5.54	0.0595	0.000895	26.9	0.00286	0.00903	0.000312	0.000538	0.000218	0.245	0.00000244	0.000827	0.000657	0.0017	0.000991
2090 Jan	0.000301	0.00118	0.112	0.00000965	4.35	5.54	0.0595	0.000895	26.9	0.00286	0.00903	0.000312	0.000538	0.000218	0.245	0.00000244	0.000827	0.000657	0.0017	0.000991
2090 Feb	0.000301	0.00118	0.112	0.00000965	4.35	5.54	0.0595	0.000895	26.9	0.00286	0.00903	0.000312	0.000538	0.000218	0.245	0.00000244	0.000827	0.000657	0.0017	0.000991
2090 Mar	0.000301	0.00118	0.112	0.00000965	4.35	5.54	0.0595	0.000895	26.9	0.00286	0.00903	0.000312	0.000538	0.000218	0.245	0.00000244	0.000827	0.000657	0.0017	0.000991
2090 Apr	0.000301	0.00118	0.112	0.00000966	4.35	5.54	0.0595	0.000895	26.9	0.00286	0.00903	0.000312	0.000538	0.000218	0.245	0.00000245	0.000827	0.000658	0.0017	0.000991
2090 May	0.000301	0.00118	0.112	0.00000966	4.36	5.55	0.0596	0.000895	26.9	0.00286	0.00904	0.000312	0.000538	0.000218	0.245	0.00000245	0.000827	0.000658	0.0017	0.000992
2090 Jun	0.000301	0.00118	0.112	0.00000965	4.34	5.53	0.0595	0.000892	26.7	0.00285	0.00902	0.000313	0.000536	0.000217	0.244	0.00000244	0.000824	0.000657	0.0017	0.001
2090 Jul	0.000302	0.00118	0.112	0.00000966	4.35	5.53	0.0596	0.000893	26.7	0.00285	0.00903	0.000314	0.000537	0.000217	0.244	0.00000244	0.000825	0.000658	0.0017	0.001
2090 Aug	0.000302	0.00118	0.112	0.00000966	4.34	5.53	0.0595	0.000892	26.6	0.00285	0.00902	0.000313	0.000536	0.000217	0.244	0.00000244	0.000824	0.000658	0.0017	0.00101
2090 Sep	0.000301	0.00117	0.112	0.00000966	4.33	5.52	0.0594	0.000891	26.6	0.00284	0.00901	0.000313	0.000535	0.000217	0.244	0.00000243	0.000823	0.000656	0.0017	0.00101
2090 Oct	0.0003	0.00117	0.111	0.00000965	4.32	5.51	0.0592	0.000889	26.5	0.00284	0.009	0.000312	0.000533	0.000216	0.243	0.00000243	0.000821	0.000654	0.00169	0.00101
2090 Nov	0.0003	0.00117	0.111	0.00000965	4.32	5.5	0.0592	0.000889	26.4	0.00283	0.009	0.000311	0.000533	0.000216	0.243	0.00000243	0.00082	0.000654	0.00169	0.00101
2090 Dec	0.0003	0.00117	0.111	0.00000965	4.32	5.5	0.0592	0.000889	26.4	0.00283	0.009	0.000311	0.000533	0.000216	0.243	0.00000243	0.00082	0.000654	0.00169	0.00101
2091 Jan	0.0003	0.00117	0.111	0.00000965	4.32	5.5	0.0592	0.000889	26.4	0.00283	0.009	0.000311	0.000533	0.000216	0.243	0.00000243	0.00082	0.000654	0.00169	0.00101
2091 Feb	0.0003	0.00117	0.111	0.00000965	4.32	5.5	0.0592	0.000889	26.4	0.00283	0.009	0.000311	0.000533	0.000216	0.243	0.00000243	0.00082	0.000654	0.00169	0.00101
2091 Mar	0.0003	0.00117	0.111	0.00000965	4.32	5.5	0.0592	0.000889	26.4	0.00283	0.009	0.000311	0.000533	0.000216	0.243	0.00000243	0.00082	0.000654	0.00169	0.00101
2091 Apr	0.0003	0.00117	0.111	0.00000965	4.32	5.51	0.0592	0.000889	26.4	0.00283	0.009	0.000311	0.000533	0.000216	0.243	0.00000243	0.000821	0.000654	0.00169	0.00101
2091 May	0.0003	0.00117	0.111	0.00000965	4.32	5.51	0.0593	0.000889	26.4	0.00284	0.009	0.000312	0.000533	0.000216	0.243	0.00000243	0.000821	0.000654	0.00169	0.00101

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2091 Jun	0.000301	0.00117	0.112	0.00000965	4.31	5.49	0.0592	0.000886	26.3	0.00282	0.009	0.000313	0.000531	0.000215	0.242	0.00000242	0.000817	0.000655	0.00169	0.00101
2091 Jul	0.000301	0.00117	0.112	0.00000966	4.31	5.5	0.0593	0.000887	26.3	0.00283	0.00901	0.000313	0.000532	0.000215	0.243	0.00000242	0.000818	0.000656	0.00169	0.00101
2091 Aug	0.000301	0.00117	0.112	0.00000967	4.31	5.5	0.0593	0.000887	26.3	0.00283	0.00901	0.000313	0.000532	0.000215	0.243	0.00000243	0.000818	0.000656	0.00169	0.00101
2091 Sep	0.000301	0.00117	0.112	0.00000967	4.31	5.5	0.0593	0.000887	26.3	0.00283	0.00901	0.000313	0.000531	0.000215	0.242	0.00000242	0.000817	0.000655	0.00169	0.00101
2091 Oct	0.000301	0.00117	0.112	0.00000967	4.3	5.49	0.0592	0.000886	26.2	0.00282	0.00901	0.000313	0.00053	0.000215	0.242	0.00000242	0.000816	0.000655	0.00169	0.00102
2091 Nov	0.0003	0.00117	0.112	0.00000966	4.3	5.49	0.0592	0.000885	26.2	0.00282	0.009	0.000312	0.00053	0.000215	0.242	0.00000242	0.000815	0.000654	0.00169	0.00102
2091 Dec	0.0003	0.00117	0.112	0.00000966	4.3	5.49	0.0592	0.000885	26.2	0.00282	0.009	0.000312	0.00053	0.000215	0.242	0.00000242	0.000815	0.000654	0.00169	0.00102
2092 Jan	0.0003	0.00117	0.112	0.00000966	4.3	5.49	0.0592	0.000885	26.2	0.00282	0.009	0.000312	0.00053	0.000215	0.242	0.00000242	0.000815	0.000654	0.00169	0.00102
2092 Feb	0.0003	0.00117	0.112	0.00000966	4.3	5.49	0.0592	0.000885	26.2	0.00282	0.009	0.000312	0.00053	0.000215	0.242	0.00000242	0.000815	0.000654	0.00169	0.00102
2092 Mar	0.0003	0.00117	0.112	0.00000966	4.3	5.49	0.0592	0.000885	26.2	0.00282	0.009	0.000312	0.00053	0.000215	0.242	0.00000242	0.000815	0.000654	0.00169	0.00102
2092 Apr	0.0003	0.00117	0.112	0.00000967	4.3	5.49	0.0592	0.000886	26.2	0.00282	0.009	0.000313	0.00053	0.000215	0.242	0.00000242	0.000816	0.000654	0.00169	0.00102
2092 May	0.000301	0.00117	0.112	0.00000967	4.3	5.49	0.0592	0.000886	26.1	0.00282	0.00901	0.000313	0.00053	0.000215	0.242	0.00000242	0.000816	0.000654	0.00169	0.00102
2092 Jun	0.000301	0.00116	0.112	0.00000965	4.28	5.46	0.0592	0.00088	25.9	0.00281	0.00898	0.000314	0.000526	0.000214	0.241	0.00000241	0.00081	0.000654	0.00168	0.00102
2092 Jul	0.000301	0.00116	0.112	0.00000965	4.27	5.46	0.0592	0.00088	25.9	0.0028	0.00898	0.000314	0.000526	0.000214	0.241	0.00000241	0.000809	0.000654	0.00168	0.00102
2092 Aug	0.000301	0.00117	0.112	0.00000967	4.28	5.47	0.0592	0.000881	25.9	0.00281	0.00899	0.000315	0.000527	0.000214	0.241	0.00000241	0.000811	0.000655	0.00169	0.00102
2092 Sep	0.000301	0.00117	0.112	0.00000967	4.28	5.47	0.0592	0.000881	25.9	0.00281	0.00899	0.000315	0.000527	0.000214	0.241	0.00000241	0.000811	0.000655	0.00169	0.00103
2092 Oct	0.000301	0.00117	0.112	0.00000967	4.28	5.47	0.0592	0.000881	25.9	0.00281	0.00899	0.000314	0.000527	0.000214	0.241	0.00000241	0.00081	0.000655	0.00168	0.00103
2092 Nov	0.000301	0.00117	0.112	0.00000967	4.28	5.47	0.0592	0.000881	25.9	0.00281	0.00899	0.000314	0.000527	0.000214	0.241	0.00000241	0.00081	0.000655	0.00168	0.00103
2092 Dec	0.000301	0.00117	0.112	0.00000967	4.28	5.47	0.0592	0.000881	25.9	0.00281	0.00899	0.000314	0.000527	0.000214	0.241	0.00000241	0.00081	0.000655	0.00168	0.00103
2093 Jan	0.000301	0.00117	0.112	0.00000967	4.28	5.47	0.0592	0.000881	25.9	0.00281	0.00899	0.000314	0.000527	0.000214	0.241	0.00000241	0.00081	0.000655	0.00168	0.00103
2093 Feb	0.000301	0.00117	0.112	0.00000967	4.28	5.47	0.0592	0.000881	25.9	0.00281	0.00899	0.000314	0.000527	0.000214	0.241	0.00000241	0.00081	0.000655	0.00168	0.00103
2093 Mar	0.000301	0.00117	0.112	0.00000967	4.28	5.47	0.0592	0.000881	25.9	0.00281	0.00899	0.000314	0.000527	0.000214	0.241	0.00000241	0.00081	0.000655	0.00168	0.00103
2093 Apr	0.000301	0.00117	0.112	0.00000968	4.28	5.47	0.0592	0.000881	25.9	0.00281	0.00899	0.000315	0.000527	0.000214	0.241	0.00000241	0.000811	0.000655	0.00169	0.00103
2093 May	0.000301	0.00117	0.112	0.00000968	4.28	5.47	0.0593	0.000881	25.9	0.00281	0.00899	0.000315	0.000527	0.000214	0.241	0.00000241	0.000811	0.000655	0.00169	0.00103
2093 Jun	0.000302	0.00116	0.112	0.00000967	4.27	5.46	0.0593	0.000878	25.7	0.0028	0.00898	0.000316	0.000525	0.000213	0.241	0.0000024	0.000808	0.000656	0.00168	0.00104
2093 Jul	0.000302	0.00117	0.112	0.00000969	4.28	5.47	0.0594	0.000879	25.7	0.0028	0.00899	0.000316	0.000526	0.000214	0.241	0.00000241	0.000809	0.000657	0.00168	0.00104
2093 Aug	0.000302	0.00117	0.112	0.0000097	4.28	5.47	0.0594	0.00088	25.8	0.00281	0.009	0.000317	0.000527	0.000214	0.241	0.00000241	0.00081	0.000657	0.00169	0.00104
2093 Sep	0.000302	0.00117	0.112	0.00000971	4.28	5.48	0.0594	0.000881	25.8	0.00281	0.009	0.000317	0.000526	0.000214	0.241	0.00000241	0.00081	0.000657	0.00169	0.00104
2093 Oct	0.000302	0.00116	0.112	0.0000097	4.27	5.46	0.0593	0.000879	25.7	0.0028	0.00899	0.000316	0.000525	0.000213	0.241	0.0000024	0.000809	0.000656	0.00168	0.00104
2093 Nov	0.000302	0.00116	0.112	0.0000097	4.27	5.46	0.0593	0.000879	25.6	0.0028	0.00899	0.000316	0.000525	0.000213	0.24	0.0000024	0.000808	0.000655	0.00168	0.00105
2093 Dec	0.000302	0.00116	0.112	0.0000097	4.27	5.46	0.0593	0.000879	25.6	0.0028	0.00899	0.000316	0.000525	0.000213	0.24	0.0000024	0.000808	0.000655	0.00168	0.00105
2094 Jan	0.000302	0.00116	0.112	0.0000097	4.27	5.46	0.0593	0.000879	25.6	0.0028	0.00899	0.000316	0.000525	0.000213	0.24	0.0000024	0.000808	0.000655	0.00168	0.00105
2094 Feb	0.000302	0.00116	0.112	0.0000097	4.27	5.46	0.0593	0.000879	25.6	0.0028	0.00899	0.000316	0.000525	0.000213	0.24	0.0000024	0.000808	0.000655	0.00168	0.00105
2094 Mar	0.000302	0.00116	0.112	0.0000097	4.27	5.46	0.0593	0.000879	25.6	0.0028	0.00899	0.000316	0.000525	0.000213	0.24	0.0000024	0.000808	0.000656	0.00168	0.00105
2094 Apr	0.000302	0.00116	0.112	0.0000097	4.27	5.46	0.0593	0.000879	25.6	0.0028	0.00899	0.000316	0.000525	0.000213	0.241	0.0000024	0.000808	0.000656	0.00168	0.00105
2094 May	0.000302	0.00116	0.112	0.0000097	4.27	5.46	0.0593	0.000878	25.6	0.0028	0.00899	0.000316	0.000525	0.000213	0.24	0.0000024	0.000808	0.000656	0.00168	0.00105
2094 Jun	0.000302	0.00116	0.112	0.0000097	4.26	5.46	0.0593	0.000877	25.5	0.00279	0.00899	0.000317	0.000524	0.000213	0.24	0.0000024	0.000806	0.000656	0.00168	0.00105
2094 Jul	0.000303	0.00117	0.113	0.00000972	4.27	5.47	0.0595	0.000879	25.6	0.0028	0.00901	0.000318	0.000525	0.000213	0.241	0.0000024	0.000808	0.000658	0.00168	0.00105
2094 Aug	0.000304	0.00117	0.113	0.00000974	4.28	5.48	0.0596	0.000881	25.6	0.00281	0.00903	0.000318	0.000526	0.000214	0.241	0.00000241	0.00081	0.000659	0.00169	0.00106
2094 Sep	0.000304	0.00117	0.113	0.00000975	4.28	5.48	0.0596	0.000881	25.6	0.00281	0.00903	0.000319	0.000526	0.000214	0.241	0.00000241	0.00081	0.000659	0.00169	0.00106
2094 Oct	0.000303	0.00117	0.113	0.00000975	4.28	5.48	0.0595	0.00088	25.5	0.0028	0.00902	0.000318	0.000525	0.000213	0.241	0.0000024	0.000809	0.000659	0.00169	0.00106
2094 Nov	0.000303	0.00117	0.113	0.00000974	4.27	5.47	0.0595	0.00088	25.5	0.0028	0.00902	0.000318	0.000524	0.000213	0.241	0.0000024	0.000808	0.000658	0.00168	0.00107
2094 Dec	0.000303	0.00117	0.113	0.00000974	4.27	5.47	0.0595	0.00088	25.5	0.0028	0.00901	0.000318	0.000524	0.000213	0.241	0.0000024	0.000808	0.000658	0.00168	0.00107
2095 Jan	0.000303	0.00117	0.113	0.00000974	4.27	5.47	0.0595	0.00088	25.5	0.0028	0.00902	0.000318	0.000524	0.000213	0.241	0.0000024	0.000808	0.000658	0.00168	0.00107
2095 Feb	0.000303	0.00117	0.113	0.00000974	4.27	5.47	0.0595	0.00088	25.5	0.0028	0.00902	0.000318	0.000524	0.000213	0.241	0.0000024	0.000808	0.000658	0.00168	0.00107
2095 Mar	0.000303	0.00117	0.113	0.00000974	4.27	5.47	0.0595	0.00088	25.5	0.0028	0.00902	0.000318	0.000524	0.000213	0.241	0.0000024	0.000808	0.000658	0.00168	0.00107
2095 Apr	0.000303	0.00117	0.113	0.00000974	4.27	5.47	0.0595	0.00088	25.5	0.0028	0.00902	0.000318	0.000524	0.000213	0.241	0.0000024	0.000808	0.000658	0.00168	0.00107
2095 May	0.000303	0.00117	0.113	0.00000975	4.27	5.47	0.0595	0.00088	25.5	0.0028	0.00902	0.000318	0.000524	0.000213	0.241	0.0000024	0.000808	0.000658	0.00168	0.00107
2095 Jun	0.000304	0.00117	0.113	0.00000976	4.27	5.47	0.0596	0.000879	25.4	0.0028	0.00902	0.000319	0.000524	0.000213	0.241	0.0000024	0.000807	0.000659	0.00168	0.00107
2095 Jul	0.000305	0.00117	0.113	0.00000978	4.28	5.48	0.0597	0.000881	25.5	0.0028	0.00904	0.00032	0.000525	0.000214	0.241	0.00000241	0.000809	0.00066	0.00169	0.00107
2095 Aug	0.000305	0.00117	0.113	0.00000978	4.28	5.48	0.0597	0.000881	25.5	0.0028	0.00904	0.00032	0.000525	0.000214	0.241	0.00000241	0.000809	0.00066	0.00169	0.00107
2095 Sep	0.000305	0.00117	0.113	0.00000979	4.28	5.48	0.0597	0.000881	25.4	0.0028	0.00905	0.00032	0.000525	0.000214	0.241	0.00000241	0.000809	0.00066	0.00169	0.00108
2095 Oct	0.000305	0.00117	0.113	0.00000979	4.28	5.48	0.0597	0.000881	25.4	0.0028	0.00905	0.00032	0.000525	0.000213	0.241	0.00000241	0.000809	0.00066	0.00169	0.00108
2095 Nov	0.000305	0.00117	0.113	0.00000979	4.27	5.48	0.0597	0.000881	25.4	0.0028	0.00904	0.00032	0.000524	0.000213	0.241	0.0000024	0.000808	0.00066	0.00169	0.00108
2095 Dec	0.000305	0.00117	0.113	0.00000979	4.27	5.48	0.0597	0.000881	25.4	0.0028	0.00904	0.00032	0.000524	0.000213	0.241	0.0000024	0.000808	0.00066	0.00169	0.00108
2096 Jan	0.000305	0.00117	0.113	0.00000979	4.27	5.48	0.0597	0.000881	25.4	0.0028	0.00904	0.00032	0.000524	0.000213	0.241	0.0000024	0.000808	0.00066	0.00169	0.00108
2096 Feb	0.000305	0.00117	0.113	0.00000979	4.27	5.48	0.0597	0.000881	25.4	0.0028	0.00904	0.00032	0.000524	0.000213	0.241	0.0000024	0.000808	0.00066	0.00169	0.00108
2096 Mar	0.000305	0.00117	0.113	0.00000979	4.27	5.48	0.0597	0.000881	25.4	0.0028	0.00904	0.00032	0.000524	0.000213	0.241	0.0000024	0.000808	0.00066	0.00169	0.00108
2096 Apr	0.000305	0.00117	0.113	0.00000979	4.28	5.48	0.0597	0.000881	25.4	0.0028	0.00904	0.00032	0.000524	0.000213	0.241	0.0000024	0.000808	0.00066	0.00169	0.00108
2096 May	0.000305	0.00117	0.113	0.00000979	4.28	5.48	0.0597	0.000881	25.4	0.0028	0.00905	0.00032	0.000524	0.000213	0.241	0.0000024	0.000809	0.00066	0.00169	0.00108
2096 Jun	0.000304	0.00116	0.113	0.00000978	4.26	5.46	0.0596	0.000877	25.2	0.00279	0.00902	0.000321	0.000522	0.000212	0.24	0.00000239	0.000804	0.000659	0.00168	0.00109
2096 Jul	0.000305	0.00117	0.113	0.00000979	4.26	5.46	0.0597	0.000877	25.2	0.00279	0.00903	0.000321	0.000522	0.000212	0.24	0.0000024	0.000805	0.00066	0.00168	0.00109
2096 Aug	0.000305	0.00117	0.114	0.00000981	4.27	5.47	0.0598	0.000879	25.2	0.0028	0.00904	0.000321	0.000523	0.000213	0.241	0.0000024	0.000806	0.000661	0.00168	0.0011
2096 Sep	0.000305	0.00117	0.113	0.00000981	4.26	5.47	0.0597	0.000879	25.2	0.00279	0.00904	0.000321	0.000523	0.000213	0.241	0.0000024	0.000806	0.000661	0.00168	0.0011
2096 Oct	0.000304	0.00116	0.113	0.00000981	4.26	5.46	0.0596	0.000877	25.1	0.00279	0.00903	0.00032	0.000521	0.000212	0.24	0.00000239	0.000804	0.000659	0.00168	0.0011
2096 Nov	0.000304	0.00116	0.113	0.00000981	4.25	5.46	0.0596	0.000877	25.1	0.00279	0.00903	0.00032	0.000521	0.000212	0.24	0.00000239	0.000804	0.000659	0.00168	0.0011
2096 Dec	0.000304	0.00116	0.113	0.00000981	4.25	5.46	0.0596	0.000877	25.1	0.00279	0.00903	0.00032	0.000521	0.000212	0.24	0.00000239	0.000804	0.000659	0.00168	0.0011
2097 Jan	0.000304	0.00116	0.113	0.00000981	4.25	5.46	0.0596	0.000877	25.1	0.00279	0.00903	0.00032	0.000521	0.000212	0.24	0.00000239	0.000804	0.000659	0.00168	0.0011
2097 Feb	0.000304	0.00116	0.113	0.00000981	4.25	5.46	0.0596	0.000877	25.1	0.00279	0.00903	0.00032	0.000521	0.000212	0.24	0.00000239	0.000804	0.000659	0.00168	0.0011
2097 Mar	0.000304	0.00116	0.113	0.00000981	4.25	5.46	0.0596	0.000877	25.1	0.00279	0.00903	0.00032	0.000521	0.000212	0.24	0.00000239	0.000804	0.000659	0.00168	0.0011
2097 Apr	0.000304	0.00116	0.113	0.00000981	4.26	5.46	0.0596	0.000877	25.1	0.00279	0.00903	0.00032	0.000521	0.000212	0.24	0.00000239	0.000804	0.000659	0.00168	0.0011
2097 May	0.000305	0.00117	0.113	0.00000981	4.26	5.46	0.0596	0.000878	25.1	0.00279	0.00904	0.000321	0.000522	0.000212	0.24	0.0000024	0.000804	0.00066	0.00168	0.0011

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2097 Jun	0.000305	0.00116	0.114	0.00000981	4.25	5.45	0.0596	0.000876	25	0.00278	0.00904	0.000321	0.00052	0.000212	0.24	0.00000239	0.000802	0.00066	0.00168	0.0011
2097 Jul	0.000305	0.00117	0.114	0.00000983	4.26	5.46	0.0597	0.000877	25.1	0.00279	0.00906	0.000322	0.000521	0.000212	0.24	0.0000024	0.000804	0.000661	0.00168	0.0011
2097 Aug	0.000306	0.00117	0.114	0.00000985	4.26	5.47	0.0598	0.000878	25.1	0.00279	0.00907	0.000322	0.000522	0.000213	0.241	0.0000024	0.000805	0.000662	0.00169	0.00111
2097 Sep	0.000306	0.00117	0.114	0.00000986	4.26	5.47	0.0598	0.000879	25.1	0.00279	0.00907	0.000322	0.000522	0.000213	0.241	0.0000024	0.000805	0.000663	0.00169	0.00111
2097 Oct	0.000306	0.00117	0.114	0.00000986	4.26	5.47	0.0598	0.000879	25.1	0.00279	0.00907	0.000322	0.000522	0.000213	0.241	0.0000024	0.000805	0.000662	0.00169	0.00111
2097 Nov	0.000306	0.00117	0.114	0.00000986	4.26	5.47	0.0598	0.000879	25.1	0.00279	0.00907	0.000322	0.000522	0.000213	0.241	0.0000024	0.000805	0.000662	0.00169	0.00111
2097 Dec	0.000306	0.00117	0.114	0.00000986	4.26	5.47	0.0598	0.000878	25.1	0.00279	0.00907	0.000322	0.000522	0.000213	0.241	0.0000024	0.000805	0.000662	0.00169	0.00111
2098 Jan	0.000306	0.00117	0.114	0.00000986	4.26	5.47	0.0598	0.000879	25.1	0.00279	0.00907	0.000322	0.000522	0.000213	0.241	0.0000024	0.000805	0.000662	0.00169	0.00111
2098 Feb	0.000306	0.00117	0.114	0.00000986	4.26	5.47	0.0598	0.000879	25.1	0.00279	0.00907	0.000322	0.000522	0.000213	0.241	0.0000024	0.000805	0.000662	0.00169	0.00111
2098 Mar	0.000306	0.00117	0.114	0.00000986	4.26	5.47	0.0598	0.000879	25.1	0.00279	0.00907	0.000322	0.000522	0.000213	0.241	0.0000024	0.000805	0.000662	0.00169	0.00111
2098 Apr	0.000306	0.00117	0.114	0.00000986	4.26	5.47	0.0598	0.000879	25.1	0.00279	0.00907	0.000322	0.000522	0.000213	0.241	0.0000024	0.000805	0.000662	0.00169	0.00111
2098 May	0.000306	0.00117	0.114	0.00000986	4.26	5.47	0.0599	0.000878	25	0.00279	0.00908	0.000323	0.000521	0.000212	0.24	0.0000024	0.000804	0.000663	0.00169	0.00111
2098 Jun	0.000307	0.00116	0.114	0.00000984	4.23	5.45	0.0599	0.000872	24.8	0.00278	0.00906	0.000325	0.000518	0.000211	0.239	0.00000239	0.000798	0.000664	0.00168	0.00111
2098 Jul	0.000308	0.00117	0.115	0.00000986	4.24	5.46	0.06	0.000873	24.9	0.00278	0.00908	0.000326	0.000519	0.000212	0.24	0.00000239	0.000799	0.000665	0.00169	0.00111
2098 Aug	0.000308	0.00117	0.115	0.00000987	4.24	5.46	0.0601	0.000874	24.9	0.00278	0.00908	0.000326	0.000519	0.000212	0.24	0.00000239	0.000799	0.000666	0.00169	0.00111
2098 Sep	0.000308	0.00117	0.115	0.00000987	4.24	5.46	0.06	0.000872	24.8	0.00278	0.00908	0.000326	0.000518	0.000211	0.24	0.00000239	0.000798	0.000665	0.00168	0.00111
2098 Oct	0.000307	0.00116	0.114	0.00000986	4.23	5.44	0.0599	0.000871	24.7	0.00277	0.00907	0.000325	0.000517	0.000211	0.239	0.00000239	0.000796	0.000664	0.00168	0.00111
2098 Nov	0.000307	0.00116	0.114	0.00000986	4.22	5.44	0.0598	0.00087	24.7	0.00277	0.00906	0.000325	0.000516	0.000211	0.239	0.00000239	0.000795	0.000663	0.00168	0.00111
2098 Dec	0.000307	0.00116	0.114	0.00000986	4.22	5.44	0.0598	0.00087	24.7	0.00277	0.00906	0.000325	0.000516	0.000211	0.239	0.00000239	0.000795	0.000663	0.00168	0.00111
2099 Jan	0.000307	0.00116	0.114	0.00000986	4.22	5.44	0.0598	0.00087	24.7	0.00277	0.00906	0.000325	0.000516	0.000211	0.239	0.00000239	0.000795	0.000663	0.00168	0.00111
2099 Feb	0.000307	0.00116	0.114	0.00000986	4.22	5.44	0.0598	0.00087	24.7	0.00277	0.00906	0.000325	0.000516	0.000211	0.239	0.00000239	0.000795	0.000663	0.00168	0.00111
2099 Mar	0.000307	0.00116	0.114	0.00000986	4.22	5.44	0.0598	0.00087	24.7	0.00277	0.00906	0.000325	0.000516	0.000211	0.239	0.00000239	0.000795	0.000663	0.00168	0.00111
2099 Apr	0.000307	0.00116	0.114	0.00000986	4.22	5.44	0.0599	0.00087	24.7	0.00277	0.00907	0.000325	0.000517	0.000211	0.239	0.00000239	0.000795	0.000663	0.00168	0.00111
2099 May	0.000308	0.00116	0.115	0.00000985	4.21	5.44	0.06	0.000868	24.6	0.00276	0.00906	0.000326	0.000515	0.00021	0.239	0.00000238	0.000792	0.000665	0.00168	0.00111
2099 Jun	0.000308	0.00116	0.115	0.00000985	4.21	5.43	0.06	0.000866	24.6	0.00276	0.00906	0.000327	0.000514	0.00021	0.238	0.00000238	0.00079	0.000665	0.00168	0.00111
2099 Jul	0.000309	0.00116	0.115	0.00000987	4.21	5.44	0.0601	0.000867	24.6	0.00276	0.00907	0.000327	0.000515	0.00021	0.239	0.00000238	0.000792	0.000666	0.00168	0.00111
2099 Aug	0.000309	0.00117	0.115	0.00000989	4.22	5.45	0.0602	0.000869	24.6	0.00277	0.00909	0.000328	0.000516	0.000211	0.239	0.00000239	0.000793	0.000667	0.00168	0.00112
2099 Sep	0.000309	0.00117	0.115	0.00000989	4.22	5.45	0.0602	0.000868	24.6	0.00277	0.00909	0.000328	0.000515	0.00021	0.239	0.00000238	0.000792	0.000667	0.00168	0.00112
2099 Oct	0.000309	0.00116	0.115	0.00000988	4.21	5.44	0.0601	0.000867	24.6	0.00276	0.00908	0.000327	0.000514	0.00021	0.239	0.00000238	0.000791	0.000666	0.00168	0.00112
2099 Nov	0.000309	0.00116	0.115	0.00000988	4.21	5.44	0.0601	0.000867	24.5	0.00276	0.00908	0.000327	0.000514	0.00021	0.238	0.00000238	0.00079	0.000666	0.00168	0.00112
2099 Dec	0.000309	0.00116	0.115	0.00000988	4.21	5.44	0.0601	0.000867	24.5	0.00276	0.00908	0.000327	0.000514	0.00021	0.238	0.00000238	0.00079	0.000666	0.00168	0.00112
2100 Jan	0.000309	0.00116	0.115	0.00000988	4.21	5.44	0.0601	0.000867	24.5	0.00276	0.00908	0.000327	0.000514	0.00021	0.238	0.00000238	0.00079	0.000666	0.00168	0.00112
2100 Feb	0.000309	0.00116	0.115	0.00000988	4.21	5.44	0.0601	0.000867	24.5	0.00276	0.00908	0.000327	0.000514	0.00021	0.238	0.00000238	0.00079	0.000666	0.00168	0.00112
2100 Mar	0.000309	0.00116	0.115	0.00000988	4.21	5.44	0.0601	0.000867	24.5	0.00276	0.00908	0.000327	0.000514	0.00021	0.238	0.00000238	0.00079	0.000666	0.00168	0.00112
2100 Apr	0.000309	0.00116	0.115	0.00000988	4.21	5.44	0.0601	0.000867	24.5	0.00276	0.00908	0.000327	0.000514	0.00021	0.238	0.00000238	0.000791	0.000666	0.00168	0.00112
2100 May	0.000309	0.00116	0.115	0.00000988	4.21	5.44	0.0602	0.000866	24.5	0.00276	0.00908	0.000328	0.000513	0.00021	0.238	0.00000238	0.00079	0.000667	0.00168	0.00112
2100 Jun	0.00031	0.00116	0.115	0.00000987	4.19	5.42	0.0602	0.000862	24.3	0.00275	0.00906	0.000329	0.000511	0.000209	0.237	0.00000237	0.000785	0.000667	0.00167	0.00112
2100 Jul	0.00031	0.00116	0.115	0.00000987	4.19	5.42	0.0602	0.000862	24.3	0.00275	0.00907	0.00033	0.000511	0.000209	0.238	0.00000237	0.000785	0.000667	0.00167	0.00112
2100 Aug	0.00031	0.00116	0.115	0.00000988	4.18	5.42	0.0602	0.000861	24.3	0.00275	0.00907	0.000329	0.000511	0.000209	0.237	0.00000237	0.000784	0.000667	0.00167	0.00112
2100 Sep	0.00031	0.00116	0.115	0.00000988	4.18	5.42	0.0602	0.000861	24.3	0.00275	0.00907	0.000329	0.00051	0.000209	0.237	0.00000237	0.000784	0.000667	0.00167	0.00112
2100 Oct	0.00031	0.00116	0.115	0.00000988	4.18	5.42	0.0601	0.000861	24.3	0.00275	0.00907	0.000329	0.00051	0.000209	0.237	0.00000237	0.000784	0.000667	0.00167	0.00112
2100 Nov	0.00031	0.00116	0.115	0.00000988	4.18	5.42	0.0601	0.000861	24.3	0.00275	0.00907	0.000329	0.00051	0.000209	0.237	0.00000237	0.000784	0.000667	0.00167	0.00112
2100 Dec	0.00031	0.00116	0.115	0.00000988	4.18	5.42	0.0601	0.000861	24.3	0.00275	0.00907	0.000329	0.00051	0.000209	0.237	0.00000237	0.000784	0.000667	0.00167	0.00112
2101 Jan	0.00031	0.00116	0.115	0.00000988	4.18	5.42	0.0601	0.000861	24.3	0.00275	0.00907	0.000329	0.00051	0.000209	0.237	0.00000237	0.000784	0.000667	0.00167	0.00112
2101 Feb	0.00031	0.00116	0.115	0.00000988	4.18	5.42	0.0601	0.000861	24.3	0.00275	0.00907	0.000329	0.00051	0.000209	0.237	0.00000237	0.000784	0.000667	0.00167	0.00112
2101 Mar	0.00031	0.00116	0.115	0.00000988	4.18	5.42	0.0601	0.000861	24.3	0.00275	0.00907	0.000329	0.00051	0.000209	0.237	0.00000237	0.000784	0.000667	0.00167	0.00112
2101 Apr	0.00031	0.00116	0.115	0.00000988	4.18	5.42	0.0602	0.000861	24.3	0.00275	0.00907	0.000329	0.00051	0.000209	0.237	0.00000237	0.000784	0.000667	0.00167	0.00112
2101 May	0.00031	0.00116	0.116	0.00000988	4.18	5.41	0.0602	0.00086	24.3	0.00274	0.00907	0.00033	0.00051	0.000209	0.237	0.00000237	0.000783	0.000668	0.00167	0.00113
2101 Jun	0.00031	0.00116	0.116	0.00000988	4.17	5.4	0.0602	0.000857	24.2	0.00274	0.00906	0.000331	0.000508	0.000208	0.237	0.00000236	0.00078	0.000668	0.00167	0.00113
2101 Jul	0.000311	0.00116	0.116	0.0000099	4.17	5.41	0.0603	0.000859	24.2	0.00274	0.00908	0.000332	0.000509	0.000208	0.237	0.00000237	0.000781	0.000669	0.00167	0.00113
2101 Aug	0.000311	0.00116	0.116	0.00000991	4.18	5.42	0.0604	0.00086	24.2	0.00275	0.00909	0.000332	0.00051	0.000209	0.237	0.00000237	0.000783	0.00067	0.00168	0.00113
2101 Sep	0.000311	0.00116	0.116	0.00000991	4.18	5.42	0.0604	0.00086	24.2	0.00274	0.00909	0.000332	0.00051	0.000209	0.237	0.00000237	0.000782	0.00067	0.00168	0.00113
2101 Oct	0.000311	0.00116	0.116	0.00000991	4.18	5.42	0.0604	0.00086	24.2	0.00274	0.00909	0.000332	0.000509	0.000209	0.237	0.00000237	0.000782	0.00067	0.00167	0.00113
2101 Nov	0.000311	0.00116	0.116	0.00000991	4.17	5.41	0.0603	0.000859	24.2	0.00274	0.00909	0.000332	0.000509	0.000208	0.237	0.00000237	0.000781	0.000669	0.00167	0.00113
2101 Dec	0.000311	0.00116	0.116	0.00000991	4.17	5.41	0.0603	0.000859	24.2	0.00274	0.00909	0.000332	0.000509	0.000208	0.237	0.00000237	0.000781	0.000669	0.00167	0.00113
2102 Jan	0.000311	0.00116	0.116	0.00000991	4.17	5.41	0.0603	0.000859	24.2	0.00274	0.00909	0.000332	0.000509	0.000208	0.237	0.00000237	0.000781	0.000669	0.00167	0.00113
2102 Feb	0.000311	0.00116	0.116	0.00000991	4.17	5.41	0.0603	0.000859	24.2	0.00274	0.00909	0.000332	0.000509	0.000208	0.237	0.00000237	0.000781	0.000669	0.00167	0.00113
2102 Mar	0.000311	0.00116	0.116	0.00000991	4.17	5.41	0.0603	0.000859	24.2	0.00274	0.00909	0.000332	0.000509	0.000208	0.237	0.00000237	0.000781	0.000669	0.00167	0.00113
2102 Apr	0.000311	0.00116	0.116	0.00000991	4.17	5.42	0.0603	0.000859	24.2	0.00274	0.00909	0.000332	0.000509	0.000208	0.237	0.00000237	0.000781	0.000669	0.00167	0.00113
2102 May	0.000311	0.00116	0.116	0.00000992	4.18	5.42	0.0604	0.000859	24.2	0.00274	0.00909	0.000332	0.000509	0.000208	0.237	0.00000237	0.000782	0.00067	0.00167	0.00113
2102 Jun	0.00031	0.00116	0.116	0.00000991	4.16	5.39	0.0601	0.000855	24	0.00273	0.00907	0.000331	0.000507	0.000207	0.236	0.00000236	0.000778	0.000668	0.00167	0.00114
2102 Jul	0.000309	0.00116	0.116	0.00000991	4.15	5.38	0.06	0.000854	24	0.00273	0.00907	0.00033	0.000506	0.000207	0.236	0.00000236	0.000776	0.000667	0.00167	0.00114
2102 Aug	0.00031	0.00116	0.116	0.00000992	4.15	5.39	0.06	0.000855	24	0.00273	0.00908	0.00033	0.000507	0.000207	0.236	0.00000236	0.000777	0.000668	0.00167	0.00114
2102 Sep	0.00031	0.00116	0.116	0.00000993	4.15	5.39	0.06	0.000855	24	0.00273	0.00908	0.00033	0.000507	0.000207	0.236	0.00000236	0.000777	0.000668	0.00167	0.00114
2102 Oct	0.000309	0.00116	0.116	0.00000992	4.15	5.38	0.0599	0.000853	23.9	0.00272	0.00907	0.000329	0.000506	0.000207	0.235	0.00000236	0.000775	0.000666	0.00167	0.00114
2102 Nov	0.000309	0.00116	0.116	0.00000992	4.15	5.38	0.0599	0.000853	23.9	0.00272	0.00907	0.000329	0.000506	0.000207	0.235	0.00000236	0.000775	0.000666	0.00167	0.00114
2102 Dec	0.000309	0.00116	0.116	0.00000992	4.15	5.38	0.0599	0.000853	23.9	0.00272	0.00907	0.000329	0.000506	0.000207	0.235	0.00000236	0.000775	0.000666	0.00167	0.00114
2103 Jan	0.000309	0.00116	0.116	0.00000992	4.15	5.38	0.0599	0.000853	23.9	0.00272	0.00907	0.000329	0.000506	0.000207	0.235	0.00000236	0.000775	0.000666	0.00167	0.00114

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2103 Feb	0.000309	0.00116	0.116	0.00000992	4.15	5.38	0.0599	0.000853	23.9	0.00272	0.00907	0.000329	0.000506	0.000207	0.235	0.00000236	0.000775	0.000666	0.00167	0.00114
2103 Mar	0.000309	0.00116	0.116	0.00000992	4.15	5.38	0.0599	0.000853	23.9	0.00272	0.00907	0.000329	0.000506	0.000207	0.235	0.00000236	0.000775	0.000666	0.00167	0.00114
2103 Apr	0.000309	0.00116	0.116	0.00000992	4.15	5.38	0.0599	0.000854	23.9	0.00272	0.00907	0.000329	0.000506	0.000207	0.235	0.00000236	0.000775	0.000666	0.00167	0.00114
2103 May	0.000309	0.00116	0.116	0.00000993	4.14	5.38	0.0599	0.000853	23.9	0.00272	0.00908	0.00033	0.000505	0.000207	0.235	0.00000236	0.000775	0.000667	0.00167	0.00114
2103 Jun	0.000309	0.00115	0.116	0.00000991	4.12	5.36	0.0598	0.000848	23.7	0.00271	0.00906	0.00033	0.000503	0.000206	0.234	0.00000235	0.00077	0.000666	0.00167	0.00114
2103 Jul	0.000309	0.00115	0.116	0.00000992	4.12	5.36	0.0598	0.000848	23.7	0.00271	0.00906	0.00033	0.000503	0.000206	0.234	0.00000235	0.00077	0.000667	0.00167	0.00114
2103 Aug	0.000309	0.00115	0.116	0.00000993	4.12	5.36	0.0598	0.000847	23.7	0.00271	0.00906	0.00033	0.000503	0.000206	0.234	0.00000235	0.000769	0.000667	0.00167	0.00114
2103 Sep	0.000309	0.00115	0.116	0.00000992	4.11	5.35	0.0597	0.000846	23.7	0.00271	0.00906	0.00033	0.000502	0.000205	0.234	0.00000235	0.000768	0.000666	0.00167	0.00114
2103 Oct	0.000308	0.00115	0.115	0.00000991	4.1	5.34	0.0596	0.000845	23.6	0.0027	0.00905	0.000329	0.0005	0.000205	0.233	0.00000234	0.000766	0.000664	0.00166	0.00114
2103 Nov	0.000308	0.00115	0.115	0.00000991	4.1	5.33	0.0595	0.000844	23.6	0.0027	0.00904	0.000329	0.0005	0.000205	0.233	0.00000234	0.000765	0.000663	0.00166	0.00114
2103 Dec	0.000308	0.00115	0.115	0.00000991	4.1	5.33	0.0595	0.000844	23.6	0.0027	0.00904	0.000329	0.0005	0.000205	0.233	0.00000234	0.000765	0.000663	0.00166	0.00114
2104 Jan	0.000308	0.00115	0.115	0.00000991	4.1	5.33	0.0595	0.000844	23.6	0.0027	0.00904	0.000329	0.0005	0.000205	0.233	0.00000234	0.000765	0.000663	0.00166	0.00114
2104 Feb	0.000308	0.00115	0.115	0.00000991	4.1	5.33	0.0595	0.000844	23.6	0.0027	0.00904	0.000329	0.0005	0.000205	0.233	0.00000234	0.000765	0.000663	0.00166	0.00114
2104 Mar	0.000308	0.00115	0.115	0.00000991	4.1	5.33	0.0595	0.000844	23.6	0.0027	0.00904	0.000329	0.0005	0.000205	0.233	0.00000234	0.000765	0.000663	0.00166	0.00114
2104 Apr	0.000308	0.00115	0.115	0.00000991	4.1	5.33	0.0595	0.000844	23.6	0.0027	0.00905	0.000329	0.0005	0.000205	0.233	0.00000234	0.000765	0.000664	0.00166	0.00114
2104 May	0.000308	0.00115	0.115	0.00000992	4.1	5.33	0.0596	0.000843	23.5	0.0027	0.00905	0.00033	0.000499	0.000204	0.233	0.00000234	0.000764	0.000664	0.00166	0.00114
2104 Jun	0.000308	0.00115	0.115	0.0000099	4.08	5.31	0.0595	0.000839	23.4	0.00268	0.00903	0.00033	0.000497	0.000204	0.232	0.00000234	0.00076	0.000664	0.00166	0.00114
2104 Jul	0.000308	0.00115	0.116	0.00000991	4.08	5.32	0.0596	0.00084	23.4	0.00269	0.00904	0.000331	0.000497	0.000204	0.232	0.00000234	0.00076	0.000664	0.00166	0.00114
2104 Aug	0.000309	0.00115	0.116	0.00000992	4.08	5.32	0.0596	0.00084	23.4	0.00269	0.00905	0.000331	0.000498	0.000204	0.232	0.00000234	0.000761	0.000665	0.00166	0.00114
2104 Sep	0.000309	0.00115	0.116	0.00000992	4.08	5.32	0.0596	0.00084	23.4	0.00269	0.00905	0.000331	0.000497	0.000204	0.232	0.00000234	0.00076	0.000664	0.00166	0.00114
2104 Oct	0.000308	0.00115	0.116	0.00000992	4.07	5.31	0.0595	0.000839	23.3	0.00268	0.00904	0.00033	0.000496	0.000203	0.232	0.00000233	0.000758	0.000663	0.00166	0.00114
2104 Nov	0.000308	0.00114	0.116	0.00000991	4.07	5.31	0.0595	0.000838	23.3	0.00268	0.00904	0.00033	0.000496	0.000203	0.232	0.00000233	0.000758	0.000663	0.00166	0.00114
2104 Dec	0.000308	0.00114	0.116	0.00000991	4.07	5.31	0.0595	0.000838	23.3	0.00268	0.00904	0.00033	0.000496	0.000203	0.232	0.00000233	0.000758	0.000663	0.00166	0.00114
2105 Jan	0.000308	0.00114	0.116	0.00000991	4.07	5.31	0.0595	0.000838	23.3	0.00268	0.00904	0.00033	0.000496	0.000203	0.232	0.00000233	0.000758	0.000663	0.00166	0.00114
2105 Feb	0.000308	0.00114	0.116	0.00000991	4.07	5.31	0.0595	0.000838	23.3	0.00268	0.00904	0.00033	0.000496	0.000203	0.232	0.00000233	0.000758	0.000663	0.00166	0.00114
2105 Mar	0.000308	0.00114	0.116	0.00000991	4.07	5.31	0.0595	0.000838	23.3	0.00268	0.00904	0.00033	0.000496	0.000203	0.232	0.00000233	0.000758	0.000663	0.00166	0.00114
2105 Apr	0.000308	0.00114	0.116	0.00000992	4.07	5.31	0.0595	0.000838	23.3	0.00268	0.00904	0.00033	0.000496	0.000203	0.232	0.00000233	0.000758	0.000663	0.00166	0.00115
2105 May	0.000308	0.00114	0.116	0.00000992	4.07	5.31	0.0595	0.000837	23.3	0.00268	0.00904	0.000331	0.000495	0.000203	0.232	0.00000233	0.000757	0.000664	0.00166	0.00115
2105 Jun	0.000309	0.00114	0.116	0.00000992	4.06	5.3	0.0595	0.000836	23.2	0.00267	0.00904	0.000331	0.000494	0.000203	0.231	0.00000233	0.000755	0.000664	0.00166	0.00115
2105 Jul	0.000309	0.00115	0.116	0.00000993	4.07	5.31	0.0596	0.000837	23.3	0.00268	0.00906	0.000332	0.000495	0.000203	0.232	0.00000233	0.000756	0.000665	0.00166	0.00115
2105 Aug	0.000309	0.00114	0.116	0.00000993	4.06	5.3	0.0596	0.000836	23.2	0.00268	0.00905	0.000332	0.000494	0.000203	0.231	0.00000233	0.000755	0.000665	0.00166	0.00115
2105 Sep	0.000308	0.00114	0.116	0.00000992	4.05	5.29	0.0594	0.000834	23.2	0.00267	0.00904	0.000331	0.000493	0.000202	0.231	0.00000233	0.000753	0.000663	0.00166	0.00115
2105 Oct	0.000308	0.00114	0.116	0.00000992	4.04	5.28	0.0593	0.000833	23.1	0.00266	0.00903	0.00033	0.000492	0.000202	0.23	0.00000232	0.000752	0.000662	0.00165	0.00115
2105 Nov	0.000308	0.00114	0.115	0.00000991	4.04	5.28	0.0592	0.000833	23.1	0.00266	0.00902	0.00033	0.000491	0.000202	0.23	0.00000232	0.000751	0.000661	0.00165	0.00115
2105 Dec	0.000308	0.00114	0.115	0.00000991	4.04	5.28	0.0592	0.000833	23.1	0.00266	0.00902	0.00033	0.000491	0.000202	0.23	0.00000232	0.000751	0.000661	0.00165	0.00115
2106 Jan	0.000308	0.00114	0.115	0.00000991	4.04	5.28	0.0592	0.000833	23.1	0.00266	0.00902	0.00033	0.000491	0.000202	0.23	0.00000232	0.000751	0.000661	0.00165	0.00115
2106 Feb	0.000308	0.00114	0.115	0.00000991	4.04	5.28	0.0592	0.000833	23.1	0.00266	0.00902	0.00033	0.000491	0.000202	0.23	0.00000232	0.000751	0.000661	0.00165	0.00115
2106 Mar	0.000308	0.00114	0.115	0.00000991	4.04	5.28	0.0592	0.000833	23.1	0.00266	0.00902	0.00033	0.000491	0.000202	0.23	0.00000232	0.000751	0.000661	0.00165	0.00115
2106 Apr	0.000308	0.00114	0.116	0.00000992	4.04	5.28	0.0593	0.000833	23.1	0.00266	0.00903	0.00033	0.000491	0.000202	0.23	0.00000232	0.000751	0.000661	0.00165	0.00115
2106 May	0.000308	0.00114	0.116	0.00000992	4.04	5.28	0.0593	0.000833	23.1	0.00266	0.00903	0.00033	0.000491	0.000202	0.23	0.00000232	0.000751	0.000661	0.00165	0.00115
2106 Jun	0.000308	0.00114	0.116	0.00000991	4.02	5.26	0.0592	0.000829	22.9	0.00265	0.00901	0.000331	0.000489	0.000201	0.229	0.00000232	0.000747	0.000661	0.00165	0.00115
2106 Jul	0.000308	0.00114	0.116	0.00000992	4.02	5.26	0.0592	0.000829	22.9	0.00265	0.00902	0.000331	0.000489	0.000201	0.23	0.00000232	0.000747	0.000661	0.00165	0.00115
2106 Aug	0.000308	0.00114	0.116	0.00000993	4.02	5.26	0.0592	0.000829	22.9	0.00265	0.00903	0.000331	0.000489	0.000201	0.229	0.00000232	0.000747	0.000661	0.00165	0.00116
2106 Sep	0.000307	0.00114	0.116	0.00000992	4.01	5.25	0.0591	0.000827	22.9	0.00265	0.00902	0.00033	0.000488	0.0002	0.229	0.00000231	0.000745	0.00066	0.00165	0.00116
2106 Oct	0.000307	0.00114	0.115	0.00000992	4.01	5.25	0.059	0.000827	22.8	0.00264	0.00901	0.00033	0.000487	0.0002	0.229	0.00000231	0.000744	0.000659	0.00165	0.00116
2106 Nov	0.000307	0.00114	0.115	0.00000992	4.01	5.25	0.059	0.000827	22.8	0.00264	0.00901	0.00033	0.000487	0.0002	0.229	0.00000231	0.000744	0.000659	0.00165	0.00116
2106 Dec	0.000307	0.00114	0.115	0.00000992	4.01	5.25	0.059	0.000827	22.8	0.00264	0.00901	0.00033	0.000487	0.0002	0.229	0.00000231	0.000744	0.000659	0.00165	0.00116
2107 Jan	0.000307	0.00114	0.115	0.00000992	4.01	5.25	0.059	0.000827	22.8	0.00264	0.00901	0.00033	0.000487	0.0002	0.229	0.00000231	0.000744	0.000659	0.00165	0.00116
2107 Feb	0.000307	0.00114	0.115	0.00000992	4.01	5.25	0.059	0.000827	22.8	0.00264	0.00901	0.00033	0.000487	0.0002	0.229	0.00000231	0.000744	0.000659	0.00165	0.00116
2107 Mar	0.000307	0.00114	0.115	0.00000992	4.01	5.25	0.059	0.000827	22.8	0.00264	0.00901	0.00033	0.000487	0.0002	0.229	0.00000231	0.000744	0.000659	0.00165	0.00116
2107 Apr	0.000307	0.00114	0.115	0.00000992	4.01	5.25	0.059	0.000827	22.8	0.00265	0.00902	0.00033	0.000488	0.0002	0.229	0.00000231	0.000745	0.000659	0.00165	0.00116
2107 May	0.000307	0.00114	0.116	0.00000992	4.01	5.25	0.059	0.000827	22.8	0.00264	0.00902	0.00033	0.000487	0.0002	0.229	0.00000231	0.000744	0.00066	0.00165	0.00116
2107 Jun	0.000307	0.00113	0.116	0.00000992	4	5.24	0.059	0.000824	22.7	0.00264	0.00901	0.000331	0.000486	0.0002	0.228	0.00000231	0.000742	0.00066	0.00164	0.00116
2107 Jul	0.000307	0.00114	0.116	0.00000993	4	5.24	0.0591	0.000825	22.7	0.00264	0.00902	0.000331	0.000486	0.0002	0.228	0.00000231	0.000742	0.00066	0.00165	0.00116
2107 Aug	0.000308	0.00114	0.116	0.00000995	4.01	5.25	0.0592	0.000826	22.8	0.00264	0.00903	0.000331	0.000487	0.0002	0.229	0.00000231	0.000743	0.000661	0.00165	0.00116
2107 Sep	0.000308	0.00114	0.116	0.00000995	4.01	5.25	0.0592	0.000826	22.8	0.00264	0.00903	0.000332	0.000487	0.0002	0.229	0.00000231	0.000743	0.000661	0.00165	0.00116
2107 Oct	0.000308	0.00114	0.116	0.00000995	4	5.25	0.0591	0.000825	22.7	0.00264	0.00903	0.000331	0.000486	0.0002	0.229	0.00000231	0.000742	0.00066	0.00165	0.00116
2107 Nov	0.000308	0.00114	0.116	0.00000995	4	5.25	0.0591	0.000825	22.7	0.00264	0.00903	0.000331	0.000486	0.0002	0.228	0.00000231	0.000742	0.00066	0.00165	0.00116
2107 Dec	0.000308	0.00114	0.116	0.00000995	4	5.25	0.0591	0.000825	22.7	0.00264	0.00903	0.000331	0.000486	0.0002	0.228	0.00000231	0.000742	0.00066	0.00165	0.00116
2108 Jan	0.000308	0.00114	0.116	0.00000995	4	5.25	0.0591	0.000825	22.7	0.00264	0.00903	0.000331	0.000486	0.0002	0.228	0.00000231	0.000742	0.00066	0.00165	0.00116
2108 Feb	0.000308	0.00114	0.116	0.00000995	4	5.25	0.0591	0.000825	22.7	0.00264	0.00903	0.000331	0.000486	0.0002	0.228	0.00000231	0.000742	0.00066	0.00165	0.00116
2108 Mar	0.000308	0.00114	0.116	0.00000995	4	5.25	0.0591	0.000825	22.7	0.00264	0.00903	0.000331	0.000486	0.0002	0.228	0.00000231	0.000742	0.00066	0.00165	0.00116
2108 Apr	0.000308	0.00114	0.116	0.00000995	4	5.25	0.0591	0.000826	22.7	0.00264	0.00903	0.000331	0.000486	0.0002	0.229	0.00000231	0.000742	0.000661	0.00165	0.00116
2108 May	0.000308	0.00114	0.116	0.00000996	4.01	5.25	0.0592	0.000826	22.8	0.00264	0.00904	0.000332	0.000487	0.0002	0.229	0.00000231	0.000743	0.000661	0.00165	0.00117
2108 Jun	0.000308	0.00114	0.116	0.00000996	4	5.24	0.0591	0.000824	22.7	0.00264	0.00904	0.000332	0.000485	0.0002	0.228	0.00000231	0.00074	0.000661	0.00165	0.00117
2108 Jul	0.000308	0.00114	0.116	0.00000998	4	5.25	0.0592	0.000825	22.7	0.00264	0.00905	0.000332	0.000486	0.0002	0.229	0.00000232	0.000741	0.000662	0.00165	0.00117
2108 Aug	0.000309	0.00114	0.116	0.00001	4.01	5.26	0.0593	0.000827	22.7	0.00265	0.00907	0.000333	0.000487	0.0002	0.229	0.00000232	0.000743	0.000663	0.00165	0.00117
2108 Sep	0.000309	0.00114	0.116	0.00001	4.01	5.26	0.0593	0.000827	22.7	0.00265	0.00907	0.000333	0.000487	0.0002	0.229	0.00000232	0.000743	0.000663	0.00165	0.00117

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Oct	0.000308	0.00114	0.116	0.00001	4	5.25	0.0591	0.000825	22.7	0.00264	0.00906	0.000332	0.000486	0.0002	0.228	0.00000232	0.000741	0.000662	0.00165	0.00117
2108 Nov	0.000308	0.00114	0.116	0.00001	4	5.25	0.0591	0.000825	22.7	0.00264	0.00906	0.000332	0.000486	0.0002	0.228	0.00000232	0.00074	0.000661	0.00165	0.00117
2108 Dec	0.000308	0.00114	0.116	0.00001	4	5.25	0.0591	0.000825	22.7	0.00264	0.00906	0.000332	0.000486	0.0002	0.228	0.00000232	0.00074	0.000661	0.00165	0.00117
2109 Jan	0.000308	0.00114	0.116	0.00001	4	5.25	0.0591	0.000825	22.7	0.00264	0.00906	0.000332	0.000486	0.0002	0.228	0.00000232	0.00074	0.000661	0.00165	0.00117
2109 Feb	0.000308	0.00114	0.116	0.00001	4	5.25	0.0591	0.000825	22.7	0.00264	0.00906	0.000332	0.000486	0.0002	0.228	0.00000232	0.00074	0.000661	0.00165	0.00117
2109 Mar	0.000308	0.00114	0.116	0.00001	4	5.25	0.0591	0.000825	22.7	0.00264	0.00906	0.000332	0.000486	0.0002	0.228	0.00000232	0.000741	0.000661	0.00165	0.00117
2109 Apr	0.000308	0.00114	0.116	0.00001	4	5.25	0.0591	0.000825	22.7	0.00264	0.00906	0.000332	0.000486	0.0002	0.228	0.00000232	0.000741	0.000662	0.00165	0.00117
2109 May	0.000308	0.00114	0.116	0.00001	4	5.25	0.0592	0.000825	22.6	0.00264	0.00907	0.000332	0.000485	0.0002	0.228	0.00000232	0.00074	0.000662	0.00165	0.00117
2109 Jun	0.000309	0.00114	0.116	0.00001	3.99	5.24	0.0592	0.000823	22.6	0.00264	0.00907	0.000333	0.000485	0.000199	0.228	0.00000232	0.000738	0.000663	0.00165	0.00117
2109 Jul	0.000309	0.00114	0.117	0.00001	4	5.25	0.0593	0.000824	22.6	0.00264	0.00908	0.000333	0.000485	0.000199	0.228	0.00000232	0.000739	0.000664	0.00165	0.00118
2109 Aug	0.000309	0.00114	0.117	0.00001	4	5.25	0.0593	0.000824	22.6	0.00264	0.00909	0.000334	0.000485	0.0002	0.229	0.00000232	0.000739	0.000664	0.00166	0.00118
2109 Sep	0.000309	0.00114	0.117	0.00001	4	5.25	0.0593	0.000824	22.6	0.00264	0.00909	0.000334	0.000485	0.000199	0.228	0.00000232	0.000739	0.000664	0.00165	0.00118
2109 Oct	0.000309	0.00114	0.117	0.00001	3.99	5.24	0.0591	0.000822	22.5	0.00263	0.00908	0.000333	0.000483	0.000199	0.228	0.00000231	0.000737	0.000662	0.00165	0.00118
2109 Nov	0.000309	0.00114	0.117	0.00001	3.98	5.24	0.0591	0.000822	22.5	0.00263	0.00908	0.000333	0.000483	0.000199	0.228	0.00000231	0.000736	0.000662	0.00165	0.00118
2109 Dec	0.000309	0.00114	0.117	0.00001	3.98	5.24	0.0591	0.000822	22.5	0.00263	0.00908	0.000333	0.000483	0.000199	0.228	0.00000231	0.000736	0.000662	0.00165	0.00118
2110 Jan	0.000309	0.00114	0.117	0.00001	3.98	5.24	0.0591	0.000822	22.5	0.00263	0.00908	0.000333	0.000483	0.000199	0.228	0.00000231	0.000736	0.000662	0.00165	0.00118
2110 Feb	0.000309	0.00114	0.117	0.00001	3.98	5.24	0.0591	0.000822	22.5	0.00263	0.00908	0.000333	0.000483	0.000199	0.228	0.00000231	0.000736	0.000662	0.00165	0.00118
2110 Mar	0.000309	0.00114	0.117	0.00001	3.99	5.24	0.0591	0.000822	22.5	0.00263	0.00908	0.000333	0.000483	0.000199	0.228	0.00000231	0.000736	0.000662	0.00165	0.00118
2110 Apr	0.000309	0.00114	0.117	0.00001	3.99	5.24	0.0592	0.000822	22.5	0.00263	0.00908	0.000333	0.000483	0.000199	0.228	0.00000231	0.000737	0.000662	0.00165	0.00118
2110 May	0.000309	0.00114	0.117	0.00001	3.99	5.24	0.0592	0.000822	22.5	0.00263	0.00909	0.000333	0.000483	0.000199	0.228	0.00000231	0.000737	0.000663	0.00165	0.00118
2110 Jun	0.000309	0.00114	0.117	0.00001	3.97	5.22	0.0591	0.000818	22.4	0.00262	0.00907	0.000334	0.000481	0.000198	0.227	0.00000231	0.000733	0.000662	0.00165	0.00119
2110 Jul	0.000309	0.00114	0.117	0.00001	3.97	5.22	0.0591	0.000819	22.4	0.00262	0.00908	0.000334	0.000481	0.000198	0.227	0.00000231	0.000733	0.000663	0.00165	0.00119
2110 Aug	0.000308	0.00113	0.116	0.00001	3.96	5.21	0.059	0.000817	22.3	0.00262	0.00906	0.000333	0.00048	0.000198	0.226	0.0000023	0.00073	0.000661	0.00164	0.00119
2110 Sep	0.000307	0.00113	0.116	0.00001	3.94	5.19	0.0587	0.000814	22.2	0.00261	0.00904	0.000332	0.000478	0.000197	0.226	0.0000023	0.000728	0.000658	0.00164	0.00119
2110 Oct	0.000306	0.00113	0.116	0.00000999	3.93	5.17	0.0585	0.000812	22.1	0.0026	0.00902	0.00033	0.000476	0.000196	0.225	0.00000229	0.000725	0.000656	0.00163	0.00119
2110 Nov	0.000306	0.00113	0.116	0.00000999	3.93	5.17	0.0585	0.000811	22.1	0.0026	0.00902	0.00033	0.000475	0.000196	0.225	0.00000229	0.000724	0.000655	0.00163	0.00119
2110 Dec	0.000306	0.00113	0.116	0.00000999	3.93	5.17	0.0585	0.000812	22.1	0.0026	0.00902	0.00033	0.000475	0.000196	0.225	0.00000229	0.000724	0.000655	0.00163	0.00119
2111 Jan	0.000306	0.00113	0.116	0.00000999	3.93	5.17	0.0585	0.000811	22.1	0.0026	0.00902	0.00033	0.000475	0.000196	0.225	0.00000229	0.000724	0.000655	0.00163	0.00119
2111 Feb	0.000306	0.00113	0.116	0.00000999	3.93	5.17	0.0585	0.000812	22.1	0.0026	0.00902	0.00033	0.000475	0.000196	0.225	0.00000229	0.000724	0.000655	0.00163	0.00119
2111 Mar	0.000306	0.00113	0.116	0.00000999	3.93	5.17	0.0585	0.000812	22.1	0.0026	0.00902	0.00033	0.000475	0.000196	0.225	0.00000229	0.000724	0.000655	0.00163	0.00119
2111 Apr	0.000306	0.00113	0.116	0.00000999	3.93	5.17	0.0585	0.000812	22.1	0.0026	0.00902	0.00033	0.000476	0.000196	0.225	0.00000229	0.000725	0.000655	0.00163	0.00119
2111 May	0.000306	0.00113	0.116	0.00001	3.93	5.17	0.0585	0.000812	22.1	0.0026	0.00903	0.000331	0.000475	0.000196	0.225	0.00000229	0.000724	0.000656	0.00163	0.00119
2111 Jun	0.000306	0.00113	0.116	0.00000999	3.91	5.16	0.0585	0.000808	22	0.00259	0.00902	0.000331	0.000473	0.000195	0.224	0.00000229	0.000721	0.000656	0.00163	0.00119
2111 Jul	0.000307	0.00113	0.116	0.00001	3.92	5.17	0.0586	0.00081	22	0.00259	0.00904	0.000332	0.000474	0.000196	0.224	0.00000229	0.000722	0.000657	0.00163	0.0012
2111 Aug	0.000307	0.00113	0.116	0.00001	3.91	5.16	0.0585	0.000809	22	0.00259	0.00903	0.000332	0.000474	0.000195	0.224	0.00000229	0.000721	0.000656	0.00163	0.0012
2111 Sep	0.000306	0.00113	0.116	0.00001	3.91	5.16	0.0585	0.000808	21.9	0.00259	0.00903	0.000332	0.000473	0.000195	0.224	0.00000229	0.00072	0.000656	0.00163	0.0012
2111 Oct	0.000306	0.00112	0.116	0.00001	3.9	5.15	0.0584	0.000807	21.9	0.00258	0.00902	0.000331	0.000472	0.000195	0.223	0.00000228	0.000718	0.000654	0.00163	0.0012
2111 Nov	0.000305	0.00112	0.116	0.00000999	3.9	5.14	0.0583	0.000806	21.8	0.00258	0.00901	0.00033	0.000471	0.000194	0.223	0.00000228	0.000717	0.000653	0.00163	0.0012
2111 Dec	0.000305	0.00112	0.116	0.00000999	3.9	5.14	0.0583	0.000806	21.8	0.00258	0.00901	0.00033	0.000471	0.000194	0.223	0.00000228	0.000717	0.000653	0.00163	0.0012
2112 Jan	0.000305	0.00112	0.116	0.00000999	3.9	5.14	0.0583	0.000806	21.8	0.00258	0.00901	0.00033	0.000471	0.000194	0.223	0.00000228	0.000717	0.000653	0.00163	0.0012
2112 Feb	0.000305	0.00112	0.116	0.00000999	3.9	5.14	0.0583	0.000806	21.8	0.00258	0.00901	0.00033	0.000471	0.000194	0.223	0.00000228	0.000717	0.000653	0.00163	0.0012
2112 Mar	0.000305	0.00112	0.116	0.00001	3.9	5.14	0.0583	0.000806	21.8	0.00258	0.00901	0.00033	0.000471	0.000194	0.223	0.00000228	0.000717	0.000653	0.00163	0.0012
2112 Apr	0.000305	0.00112	0.116	0.00001	3.9	5.14	0.0583	0.000806	21.8	0.00258	0.00901	0.00033	0.000471	0.000195	0.223	0.00000228	0.000717	0.000653	0.00163	0.0012
2112 May	0.000306	0.00112	0.116	0.00001	3.89	5.14	0.0583	0.000806	21.8	0.00258	0.00902	0.000331	0.000471	0.000194	0.223	0.00000228	0.000716	0.000654	0.00163	0.0012
2112 Jun	0.000306	0.00112	0.116	0.00000997	3.87	5.12	0.0582	0.0008	21.6	0.00256	0.00899	0.000331	0.000467	0.000193	0.222	0.00000227	0.000711	0.000653	0.00162	0.0012
2112 Jul	0.000306	0.00112	0.116	0.00000998	3.87	5.12	0.0582	0.0008	21.6	0.00256	0.00899	0.000332	0.000467	0.000193	0.222	0.00000227	0.00071	0.000653	0.00162	0.0012
2112 Aug	0.000306	0.00112	0.116	0.00000999	3.87	5.12	0.0583	0.0008	21.7	0.00256	0.009	0.000332	0.000468	0.000193	0.222	0.00000227	0.000711	0.000654	0.00162	0.0012
2112 Sep	0.000306	0.00112	0.116	0.00000999	3.87	5.12	0.0583	0.0008	21.6	0.00256	0.009	0.000332	0.000467	0.000193	0.222	0.00000227	0.00071	0.000654	0.00162	0.0012
2112 Oct	0.000306	0.00112	0.116	0.00000999	3.87	5.11	0.0582	0.000799	21.6	0.00256	0.009	0.000332	0.000467	0.000193	0.222	0.00000227	0.00071	0.000653	0.00162	0.00121
2112 Nov	0.000306	0.00112	0.116	0.00000999	3.87	5.11	0.0582	0.000799	21.6	0.00256	0.009	0.000332	0.000467	0.000193	0.222	0.00000227	0.00071	0.000653	0.00162	0.00121
2112 Dec	0.000306	0.00112	0.116	0.00000999	3.87	5.11	0.0582	0.000799	21.6	0.00256	0.009	0.000332	0.000467	0.000193	0.222	0.00000227	0.00071	0.000653	0.00162	0.00121
2113 Jan	0.000306	0.00112	0.116	0.00000999	3.87	5.11	0.0582	0.000799	21.6	0.00256	0.009	0.000332	0.000467	0.000193	0.222	0.00000227	0.00071	0.000653	0.00162	0.00121
2113 Feb	0.000306	0.00112	0.116	0.00000999	3.87	5.11	0.0582	0.000799	21.6	0.00256	0.009	0.000332	0.000467	0.000193	0.222	0.00000227	0.00071	0.000653	0.00162	0.00121
2113 Mar	0.000306	0.00112	0.116	0.00000999	3.87	5.11	0.0582	0.000799	21.6	0.00256	0.009	0.000332	0.000467	0.000193	0.222	0.00000227	0.00071	0.000653	0.00162	0.00121
2113 Apr	0.000306	0.00112	0.116	0.00001	3.87	5.12	0.0582	0.0008	21.6	0.00256	0.009	0.000332	0.000467	0.000193	0.222	0.00000227	0.00071	0.000653	0.00162	0.00121
2113 May	0.000306	0.00112	0.116	0.00001	3.87	5.12	0.0583	0.000799	21.6	0.00256	0.009	0.000332	0.000467	0.000193	0.222	0.00000227	0.00071	0.000654	0.00162	0.00121
2113 Jun	0.000306	0.00112	0.116	0.00000999	3.86	5.11	0.0583	0.000797	21.5	0.00255	0.00899	0.000333	0.000466	0.000193	0.221	0.00000226	0.000707	0.000654	0.00162	0.00121
2113 Jul	0.000306	0.00112	0.116	0.00001	3.86	5.11	0.0583	0.000797	21.5	0.00256	0.009	0.000333	0.000466	0.000193	0.222	0.00000227	0.000708	0.000655	0.00162	0.00121
2113 Aug	0.000307	0.00112	0.116	0.00001	3.86	5.12	0.0584	0.000798	21.5	0.00256	0.00901	0.000334	0.000466	0.000193	0.222	0.00000227	0.000708	0.000655	0.00162	0.00122
2113 Sep	0.000307	0.00112	0.116	0.00001	3.86	5.11	0.0583	0.000797	21.5	0.00256	0.00901	0.000333	0.000466	0.000193	0.222	0.00000227	0.000708	0.000655	0.00162	0.00122
2113 Oct	0.000306	0.00112	0.116	0.00001	3.85	5.1	0.0581	0.000795	21.4	0.00255	0.00899	0.000332	0.000464	0.000192	0.221	0.00000226	0.000705	0.000653	0.00162	0.00122
2113 Nov	0.000306	0.00112	0.116	0.00001	3.84	5.09	0.0581	0.000795	21.4	0.00255	0.00899	0.000332	0.000464	0.000192	0.221	0.00000226	0.000704	0.000652	0.00162	0.00122
2113 Dec	0.000306	0.00112	0.116	0.00001	3.84	5.09	0.0581	0.000795	21.4	0.00255	0.00899	0.000332	0.000464	0.000192	0.221	0.00000226	0.000704	0.000652	0.00162	0.00122
2114 Jan	0.000306	0.00112	0.116	0.00001	3.84	5.09	0.0581	0.000795	21.4	0.00255	0.00899	0.000332	0.000464	0.000192	0.221	0.00000226	0.000704	0.000652	0.00162	0.00122
2114 Feb	0.000306	0.00112	0.116	0.00001	3.84	5.09	0.0581	0.000795	21.4	0.00255	0.00899	0.000332	0.000464	0.000192	0.221	0.00000226	0.000704	0.000652	0.00162	0.00122
2114 Mar	0.000306	0.00112	0.116	0.00001	3.84	5.09	0.0581	0.000795	21.4	0.00255	0.00899	0.000332	0.000464	0.000192	0.221	0.00000226	0.000704	0.000652	0.00162	0.00122
2114 Apr	0.000306	0.00112	0.116	0.00001	3.84	5.09	0.0581	0.000795	21.4	0.00255	0.00899	0.000332	0.000464	0.000192	0.221	0.00000226	0.000705	0.000652	0.00162	0.00122
2114 May	0.000306	0.00112	0.116	0.00001	3.84	5.09	0.0581	0.000794	21.4	0.00254	0.00899	0.000333	0.000463	0.000192	0.221	0.00000226	0.000703	0.000653	0.00162	0.00122

Appendix C.2-16: TIRI04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jun	0.000306	0.00112	0.116	0.00001	3.83	5.09	0.0582	0.000793	21.3	0.00254	0.00899	0.000333	0.000462	0.000192	0.22	0.00000226	0.000702	0.000653	0.00162	0.00122
2114 Jul	0.000307	0.00112	0.116	0.00001	3.84	5.1	0.0583	0.000795	21.4	0.00255	0.00901	0.000334	0.000463	0.000192	0.221	0.00000226	0.000704	0.000654	0.00162	0.00123
2114 Aug	0.000307	0.00112	0.117	0.0000101	3.85	5.11	0.0584	0.000796	21.4	0.00255	0.00903	0.000335	0.000464	0.000192	0.221	0.00000227	0.000705	0.000656	0.00162	0.00123
2114 Sep	0.000307	0.00112	0.117	0.0000101	3.85	5.1	0.0583	0.000795	21.4	0.00255	0.00902	0.000334	0.000464	0.000192	0.221	0.00000226	0.000704	0.000655	0.00162	0.00123
2114 Oct	0.000307	0.00112	0.117	0.00001	3.84	5.1	0.0582	0.000794	21.3	0.00254	0.00901	0.000334	0.000463	0.000192	0.221	0.00000226	0.000703	0.000654	0.00162	0.00124
2114 Nov	0.000306	0.00112	0.116	0.00001	3.83	5.09	0.0581	0.000793	21.3	0.00254	0.00901	0.000333	0.000462	0.000191	0.22	0.00000226	0.000701	0.000653	0.00162	0.00124
2114 Dec	0.000306	0.00112	0.116	0.00001	3.83	5.09	0.0581	0.000793	21.3	0.00254	0.00901	0.000333	0.000462	0.000191	0.22	0.00000226	0.000701	0.000653	0.00162	0.00124
2115 Jan	0.000306	0.00112	0.116	0.00001	3.83	5.09	0.0581	0.000793	21.3	0.00254	0.00901	0.000333	0.000462	0.000191	0.22	0.00000226	0.000701	0.000653	0.00162	0.00124
2115 Feb	0.000306	0.00112	0.116	0.00001	3.83	5.09	0.0581	0.000793	21.3	0.00254	0.00901	0.000333	0.000462	0.000191	0.22	0.00000226	0.000701	0.000653	0.00162	0.00124
2115 Mar	0.000306	0.00112	0.116	0.00001	3.83	5.09	0.0581	0.000793	21.3	0.00254	0.00901	0.000333	0.000462	0.000191	0.22	0.00000226	0.000701	0.000653	0.00162	0.00124
2115 Apr	0.000306	0.00112	0.116	0.00001	3.83	5.09	0.0582	0.000793	21.3	0.00254	0.00901	0.000333	0.000462	0.000191	0.22	0.00000226	0.000702	0.000653	0.00162	0.00124
2115 May	0.000306	0.00112	0.116	0.00001	3.83	5.09	0.0582	0.000793	21.2	0.00254	0.00901	0.000334	0.000461	0.000191	0.22	0.00000226	0.000701	0.000653	0.00162	0.00124
2115 Jun	0.000307	0.00112	0.117	0.0000101	3.83	5.09	0.0583	0.000793	21.2	0.00254	0.00902	0.000335	0.000461	0.000191	0.22	0.00000226	0.0007	0.000654	0.00162	0.00124
2115 Jul	0.000308	0.00112	0.117	0.0000101	3.84	5.1	0.0583	0.000794	21.3	0.00254	0.00903	0.000335	0.000462	0.000192	0.221	0.00000226	0.000702	0.000655	0.00162	0.00124
2115 Aug	0.000307	0.00112	0.117	0.0000101	3.83	5.09	0.0583	0.000793	21.2	0.00254	0.00903	0.000335	0.000462	0.000191	0.22	0.00000226	0.000701	0.000655	0.00162	0.00125
2115 Sep	0.000307	0.00112	0.117	0.0000101	3.83	5.09	0.0583	0.000793	21.2	0.00254	0.00903	0.000335	0.000461	0.000191	0.22	0.00000226	0.0007	0.000655	0.00162	0.00125
2115 Oct	0.000307	0.00112	0.117	0.0000101	3.83	5.09	0.0583	0.000793	21.2	0.00254	0.00903	0.000335	0.000461	0.000191	0.22	0.00000226	0.0007	0.000654	0.00162	0.00125
2115 Nov	0.000307	0.00112	0.117	0.0000101	3.83	5.09	0.0582	0.000792	21.2	0.00254	0.00902	0.000335	0.00046	0.000191	0.22	0.00000226	0.000699	0.000654	0.00162	0.00125
2115 Dec	0.000307	0.00112	0.117	0.0000101	3.83	5.09	0.0582	0.000792	21.2	0.00254	0.00902	0.000335	0.00046	0.000191	0.22	0.00000226	0.000699	0.000654	0.00162	0.00125
2116 Jan	0.000307	0.00112	0.117	0.0000101	3.83	5.09	0.0582	0.000792	21.2	0.00254	0.00902	0.000335	0.00046	0.000191	0.22	0.00000226	0.000699	0.000654	0.00162	0.00125
2116 Feb	0.000307	0.00112	0.117	0.0000101	3.83	5.09	0.0582	0.000792	21.2	0.00254	0.00902	0.000335	0.00046	0.000191	0.22	0.00000226	0.000699	0.000654	0.00162	0.00125
2116 Mar	0.000307	0.00112	0.117	0.0000101	3.83	5.09	0.0582	0.000792	21.2	0.00254	0.00903	0.000335	0.00046	0.000191	0.22	0.00000226	0.000699	0.000654	0.00162	0.00125
2116 Apr	0.000307	0.00112	0.117	0.0000101	3.83	5.09	0.0582	0.000792	21.2	0.00254	0.00903	0.000335	0.000461	0.000191	0.22	0.00000226	0.000699	0.000654	0.00162	0.00125
2116 May	0.000307	0.00112	0.117	0.0000101	3.82	5.09	0.0583	0.000792	21.2	0.00254	0.00903	0.000335	0.00046	0.000191	0.22	0.00000226	0.000699	0.000654	0.00162	0.00125
2116 Jun	0.000307	0.00111	0.117	0.0000101	3.8	5.07	0.0582	0.000787	21	0.00252	0.009	0.000336	0.000458	0.00019	0.219	0.00000225	0.000694	0.000654	0.00161	0.00126
2116 Jul	0.000308	0.00112	0.117	0.0000101	3.81	5.07	0.0583	0.000788	21	0.00253	0.00902	0.000336	0.000458	0.00019	0.219	0.00000225	0.000695	0.000655	0.00161	0.00126
2116 Aug	0.000308	0.00112	0.117	0.0000101	3.82	5.08	0.0584	0.00079	21.1	0.00253	0.00903	0.000337	0.000459	0.000191	0.22	0.00000225	0.000696	0.000656	0.00162	0.00126
2116 Sep	0.000308	0.00112	0.117	0.0000101	3.81	5.07	0.0583	0.000788	21	0.00253	0.00902	0.000336	0.000458	0.00019	0.219	0.00000225	0.000695	0.000655	0.00161	0.00126
2116 Oct	0.000307	0.00111	0.117	0.0000101	3.8	5.06	0.0582	0.000787	21	0.00252	0.00901	0.000336	0.000457	0.00019	0.219	0.00000225	0.000693	0.000654	0.00161	0.00126
2116 Nov	0.000307	0.00111	0.117	0.0000101	3.8	5.06	0.0581	0.000787	20.9	0.00252	0.00901	0.000336	0.000457	0.00019	0.219	0.00000225	0.000693	0.000653	0.00161	0.00127
2116 Dec	0.000307	0.00111	0.117	0.0000101	3.8	5.06	0.0581	0.000787	20.9	0.00252	0.00901	0.000336	0.000457	0.00019	0.219	0.00000225	0.000693	0.000653	0.00161	0.00127
2117 Jan	0.000307	0.00111	0.117	0.0000101	3.8	5.06	0.0581	0.000787	20.9	0.00252	0.00901	0.000336	0.000457	0.00019	0.219	0.00000225	0.000693	0.000653	0.00161	0.00127
2117 Feb	0.000307	0.00111	0.117	0.0000101	3.8	5.06	0.0581	0.000787	20.9	0.00252	0.00901	0.000336	0.000457	0.00019	0.219	0.00000225	0.000693	0.000653	0.00161	0.00127
2117 Mar	0.000307	0.00111	0.117	0.0000101	3.8	5.06	0.0581	0.000787	20.9	0.00252	0.00901	0.000336	0.000457	0.00019	0.219	0.00000225	0.000693	0.000653	0.00161	0.00127
2117 Apr	0.000307	0.00111	0.117	0.0000101	3.8	5.06	0.0582	0.000787	21	0.00252	0.00902	0.000336	0.000457	0.00019	0.219	0.00000225	0.000693	0.000654	0.00161	0.00127
2117 May	0.000307	0.00111	0.117	0.0000101	3.8	5.06	0.0582	0.000787	20.9	0.00252	0.00902	0.000336	0.000457	0.00019	0.219	0.00000225	0.000692	0.000654	0.00161	0.00127
2117 Jun	0.000308	0.00111	0.117	0.0000101	3.79	5.06	0.0582	0.000786	20.9	0.00252	0.00902	0.000337	0.000456	0.00019	0.219	0.00000225	0.000691	0.000655	0.00161	0.00127
2117 Jul	0.000308	0.00112	0.117	0.0000101	3.8	5.07	0.0583	0.000787	20.9	0.00252	0.00904	0.000337	0.000457	0.00019	0.219	0.00000225	0.000692	0.000656	0.00161	0.00127
2117 Aug	0.000309	0.00112	0.117	0.0000101	3.8	5.08	0.0584	0.000788	21	0.00252	0.00905	0.000338	0.000457	0.00019	0.219	0.00000225	0.000693	0.000656	0.00161	0.00127
2117 Sep	0.000309	0.00112	0.118	0.0000101	3.81	5.08	0.0584	0.000788	21	0.00253	0.00905	0.000338	0.000457	0.00019	0.219	0.00000225	0.000693	0.000657	0.00162	0.00127
2117 Oct	0.000309	0.00112	0.117	0.0000101	3.8	5.07	0.0584	0.000788	20.9	0.00252	0.00905	0.000338	0.000457	0.00019	0.219	0.00000225	0.000692	0.000656	0.00161	0.00127
2117 Nov	0.000309	0.00112	0.117	0.0000101	3.8	5.07	0.0584	0.000787	20.9	0.00252	0.00905	0.000338	0.000457	0.00019	0.219	0.00000225	0.000692	0.000656	0.00161	0.00127
2117 Dec	0.000309	0.00112	0.117	0.0000101	3.8	5.07	0.0584	0.000787	20.9	0.00252	0.00905	0.000338	0.000457	0.00019	0.219	0.00000225	0.000692	0.000656	0.00161	0.00127
2118 Jan	0.000309	0.00112	0.117	0.0000101	3.8	5.07	0.0584	0.000787	20.9	0.00252	0.00905	0.000338	0.000457	0.00019	0.219	0.00000225	0.000692	0.000656	0.00161	0.00127
2118 Feb	0.000309	0.00112	0.117	0.0000101	3.8	5.07	0.0584	0.000787	20.9	0.00252	0.00905	0.000338	0.000457	0.00019	0.219	0.00000225	0.000692	0.000656	0.00161	0.00127
2118 Mar	0.000309	0.00112	0.117	0.0000101	3.8	5.07	0.0584	0.000787	20.9	0.00252	0.00905	0.000338	0.000457	0.00019	0.219	0.00000225	0.000692	0.000656	0.00161	0.00127
2118 Apr	0.000309	0.00112	0.117	0.0000101	3.8	5.07	0.0584	0.000788	20.9	0.00252	0.00905	0.000338	0.000457	0.00019	0.219	0.00000225	0.000692	0.000656	0.00161	0.00128
2118 May	0.000309	0.00112	0.118	0.0000101	3.79	5.07	0.0584	0.000786	20.9	0.00252	0.00905	0.000339	0.000456	0.00019	0.219	0.00000225	0.00069	0.000657	0.00161	0.00128
2118 Jun	0.00031	0.00111	0.118	0.0000101	3.78	5.06	0.0585	0.000782	20.8	0.00251	0.00904	0.00034	0.000454	0.000189	0.218	0.00000224	0.000686	0.000658	0.00161	0.00127
2118 Jul	0.00031	0.00112	0.118	0.0000101	3.79	5.07	0.0586	0.000783	20.8	0.00252	0.00906	0.000341	0.000455	0.000189	0.219	0.00000225	0.000688	0.000659	0.00161	0.00128
2118 Aug	0.00031	0.00112	0.118	0.0000101	3.78	5.07	0.0586	0.000783	20.8	0.00251	0.00906	0.000341	0.000454	0.000189	0.219	0.00000225	0.000687	0.000659	0.00161	0.00128
2118 Sep	0.00031	0.00111	0.118	0.0000101	3.77	5.05	0.0584	0.000781	20.7	0.00251	0.00905	0.00034	0.000453	0.000189	0.218	0.00000224	0.000685	0.000657	0.00161	0.00128
2118 Oct	0.000309	0.00111	0.118	0.0000101	3.76	5.04	0.0583	0.000779	20.7	0.0025	0.00904	0.000339	0.000451	0.000188	0.217	0.00000224	0.000683	0.000656	0.00161	0.00128
2118 Nov	0.000309	0.00111	0.118	0.0000101	3.76	5.04	0.0583	0.000779	20.7	0.0025	0.00903	0.000339	0.000451	0.000188	0.217	0.00000224	0.000682	0.000656	0.00161	0.00128
2118 Dec	0.000309	0.00111	0.118	0.0000101	3.76	5.04	0.0583	0.000779	20.7	0.0025	0.00903	0.000339	0.000451	0.000188	0.217	0.00000224	0.000682	0.000656	0.00161	0.00128
2119 Jan	0.000309	0.00111	0.118	0.0000101	3.76	5.04	0.0583	0.000779	20.7	0.0025	0.00903	0.000339	0.000451	0.000188	0.217	0.00000224	0.000682	0.000656	0.00161	0.00128
2119 Feb	0.000309	0.00111	0.118	0.0000101	3.76	5.04	0.0583	0.000779	20.7	0.0025	0.00903	0.000339	0.000451	0.000188	0.217	0.00000224	0.000682	0.000656	0.00161	0.00128
2119 Mar	0.000309	0.00111	0.118	0.0000101	3.76	5.04	0.0583	0.000779	20.7	0.0025	0.00903	0.000339	0.000451	0.000188	0.217	0.00000224	0.000682	0.000656	0.00161	0.00128
2119 Apr	0.000309	0.00111	0.118	0.0000101	3.76	5.04	0.0583	0.000779	20.7	0.0025	0.00904	0.000339	0.000451	0.000188	0.217	0.00000224	0.000683	0.000656	0.00161	0.00128
2119 May	0.00031	0.00111	0.118	0.0000101	3.75	5.03	0.0584	0.000777	20.6	0.00249	0.00903	0.00034	0.000449	0.000188	0.217	0.00000223	0.000679	0.000657	0.0016	0.00128
2119 Jun	0.00031	0.00111	0.118	0.0000101	3.75	5.03	0.0585	0.000775	20.5	0.00249	0.00903	0.000341	0.000449	0.000187	0.217	0.00000223	0.000678	0.000657	0.0016	0.00128
2119 Jul	0.000311	0.00111	0.118	0.0000101	3.75	5.04	0.0586	0.000776	20.6	0.0025	0.00905	0.000341	0.000449	0.000188	0.217	0.00000223	0.000679	0.000659	0.0016	0.00128
2119 Aug	0.000311	0.00111	0.118	0.0000101	3.75	5.04	0.0586	0.000777	20.6	0.0025	0.00905	0.000342	0.00045	0.000188	0.217	0.00000224	0.00068	0.000659	0.00161	0.00128
2119 Sep	0.000311	0.00111	0.118	0.0000101	3.75	5.04	0.0586	0.000776	20.6	0.00249	0.00905	0.000341	0.000449	0.000187	0.217	0.00000223	0.000678	0.000659	0.0016	0.00128
2119 Oct	0.000311	0.00111	0.118	0.0000101	3.74	5.03	0.0585	0.000775	20.5	0.00249	0.00904	0.000341	0.000448	0.000187	0.217	0.00000223	0.000677	0.000658	0.0016	0.00128
2119 Nov	0.00031	0.00111	0.118	0.0000101	3.74	5.02	0.0584	0.000774	20.5	0.00249	0.00904	0.00034	0.000448	0.000187	0.216	0.00000223	0.000676	0.000657	0.0016	0.00128
2119 Dec	0.00031	0.00111	0.118	0.0000101	3.74	5.03	0.0584	0.000774	20.5	0.00249	0.00904	0.00034	0.000448	0.000187	0.216	0.00000223	0.000676	0.000657	0.0016	0.00128

Appendix C.2-17: WES01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	84.1	0.0862	0.112	0.00381	49	0.0105	8.13			0.00000027	0.00046	0.000247	0.0164	0.000789	0.000000299	1.78	0.00000232	0.0000966
Operation (2024-2031): Mean	2600	2.64	3.43	0.117	1500	0.342	264			0.00000878	0.0149	0.00802	0.533	0.0256	0.0000097	57.8	0.0000754	0.00314
Operation (2024-2031): Max	2870	2.94	3.81	0.13	1670	0.359	277			0.00000922	0.0157	0.00842	0.56	0.0269	0.0000102	60.7	0.0000792	0.00329
Active Closure (2032-2038): Min	127	0.1	0.128	0.00516	61.7	0.0433	17.5	0.000247	0.000247	0.00000523	0.00343	0.000646	0.0328	0.00842	0.00000528	9.47	0.00000885	0.000218
Active Closure (2032-2038): Mean	388	0.362	0.468	0.0166	210	0.0791	47	0.000889	0.000889	0.00000565	0.0048	0.00153	0.0927	0.0105	0.00000581	15.2	0.0000168	0.000568
Active Closure (2032-2038): Max	2420	2.41	3.13	0.107	1370	0.355	274	0.000952	0.000952	0.0000091	0.0155	0.00831	0.552	0.0265	0.0000101	59.8	0.0000781	0.00325
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2038)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun																		
2026 Jul																		
2026 Aug																		
2026 Sep																		
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May	84.1	0.0862	0.112	0.00381	49	0.0105	8.13			0.00000027	0.00046	0.000247	0.0164	0.000789	0.000000299	1.78	0.00000232	0.0000966
2027 Jun	1970	2.02	2.61	0.089	1150	0.246	190			0.00000632	0.0108	0.00577	0.384	0.0184	0.00000699	41.6	0.0000543	0.00226
2027 Jul	2590	2.66	3.44	0.117	1510	0.325	251			0.00000833	0.0142	0.00761	0.506	0.0243	0.0000092	54.8	0.0000715	0.00297
2027 Aug	2720	2.79	3.62	0.123	1590	0.341	263			0.00000875	0.0149	0.00799	0.531	0.0255	0.00000967	57.6	0.0000751	0.00312
2027 Sep	2750	2.82	3.66	0.125	1610	0.345	266			0.00000886	0.0151	0.00809	0.538	0.0258	0.00000979	58.3	0.000076	0.00316
2027 Oct	2760	2.83	3.67	0.125	1610	0.346	267			0.00000887	0.0151	0.0081	0.539	0.0259	0.0000098	58.4	0.0000761	0.00317
2027 Nov	2760	2.83	3.67	0.125	1610	0.346	267			0.00000888	0.0151	0.00811	0.539	0.0259	0.00000981	58.4	0.0000762	0.00317
2027 Dec	2760	2.83	3.67	0.125	1610	0.346	267			0.00000888	0.0151	0.00811	0.539	0.0259	0.0000098	58.4	0.0000762	0.00317
2028 Jan	2760	2.83	3.67	0.125	1610	0.346	267			0.00000888	0.0151	0.00811	0.539	0.0259	0.0000098	58.4	0.0000762	0.00317
2028 Feb	2760	2.83	3.67	0.125	1610	0.346	267			0.00000888	0.0151	0.00811	0.539	0.0259	0.00000981	58.4	0.0000762	0.00317
2028 Mar	2760	2.83	3.67	0.125	1610	0.346	267			0.00000888	0.0151	0.00811	0.539	0.0259	0.00000981	58.4	0.0000762	0.00317
2028 Apr	2770	2.84	3.68	0.125	1610	0.347	268			0.0000089	0.0151	0.00813	0.54	0.026	0.00000983	58.5	0.0000764	0.00318
2028 May	2800	2.87	3.72	0.127	1630	0.35	270			0.00000899	0.0153	0.00821	0.546	0.0262	0.00000993	59.1	0.0000772	0.00321
2028 Jun	2740	2.8	3.64	0.124	1600	0.343	265			0.0000088	0.015	0.00804	0.534	0.0257	0.00000972	57.9	0.0000755	0.00314
2028 Jul	2760	2.83	3.66	0.125	1610	0.345	267			0.00000886	0.0151	0.0081	0.538	0.0259	0.00000979	58.3	0.0000761	0.00316
2028 Aug	2860	2.93	3.8	0.13	1670	0.359	277			0.0000092	0.0157	0.00841	0.559	0.0268	0.0000102	60.5	0.000079	0.00329

Appendix C.2-17: WES01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Sep	2870	2.94	3.81	0.13	1670	0.359	277			0.00000922	0.0157	0.00842	0.56	0.0269	0.0000102	60.7	0.0000792	0.00329
2028 Oct	2800	2.87	3.73	0.127	1630	0.351	271			0.00000902	0.0153	0.00823	0.547	0.0263	0.00000996	59.3	0.0000774	0.00322
2028 Nov	2800	2.88	3.73	0.127	1640	0.352	271			0.00000902	0.0153	0.00824	0.548	0.0263	0.00000997	59.3	0.0000774	0.00322
2028 Dec	2800	2.88	3.73	0.127	1640	0.352	271			0.00000902	0.0153	0.00824	0.548	0.0263	0.00000997	59.3	0.0000774	0.00322
2029 Jan	2800	2.88	3.73	0.127	1640	0.352	271			0.00000902	0.0153	0.00824	0.548	0.0263	0.00000997	59.3	0.0000774	0.00322
2029 Feb	2800	2.88	3.73	0.127	1640	0.352	271			0.00000902	0.0153	0.00824	0.548	0.0263	0.00000997	59.3	0.0000774	0.00322
2029 Mar	2800	2.88	3.73	0.127	1640	0.352	271			0.00000902	0.0153	0.00824	0.548	0.0263	0.00000997	59.4	0.0000774	0.00322
2029 Apr	2810	2.88	3.73	0.127	1640	0.352	271			0.00000903	0.0154	0.00825	0.548	0.0263	0.00000997	59.4	0.0000775	0.00322
2029 May	2820	2.89	3.74	0.127	1640	0.353	272			0.00000906	0.0154	0.00827	0.55	0.0264	0.00001	59.6	0.0000777	0.00323
2029 Jun	2800	2.87	3.72	0.127	1630	0.354	273			0.00000909	0.0154	0.0083	0.551	0.0265	0.00001	59.8	0.000078	0.00324
2029 Jul	2650	2.69	3.5	0.119	1530	0.346	267			0.00000889	0.0151	0.00812	0.54	0.0259	0.00000982	58.5	0.0000763	0.00317
2029 Aug	2660	2.7	3.5	0.119	1530	0.35	270			0.00000897	0.0153	0.0082	0.545	0.0262	0.00000991	59	0.000077	0.0032
2029 Sep	2660	2.7	3.5	0.119	1530	0.351	271			0.00000901	0.0153	0.00823	0.547	0.0263	0.00000995	59.3	0.0000773	0.00322
2029 Oct	2650	2.69	3.49	0.119	1530	0.35	270			0.00000899	0.0153	0.00821	0.546	0.0262	0.00000994	59.1	0.0000772	0.00321
2029 Nov	2630	2.67	3.47	0.118	1520	0.349	270			0.00000896	0.0152	0.00819	0.544	0.0261	0.0000099	59	0.0000769	0.0032
2029 Dec	2630	2.67	3.47	0.118	1520	0.349	270			0.00000896	0.0152	0.00819	0.544	0.0261	0.0000099	59	0.0000769	0.0032
2030 Jan	2630	2.67	3.47	0.118	1520	0.349	270			0.00000896	0.0152	0.00819	0.544	0.0261	0.0000099	59	0.0000769	0.0032
2030 Feb	2630	2.67	3.47	0.118	1520	0.349	270			0.00000897	0.0152	0.00819	0.544	0.0261	0.0000099	59	0.0000769	0.0032
2030 Mar	2630	2.67	3.47	0.118	1520	0.349	270			0.00000897	0.0152	0.00819	0.544	0.0262	0.00000991	59	0.0000769	0.0032
2030 Apr	2630	2.67	3.47	0.118	1520	0.35	270			0.00000897	0.0153	0.00819	0.544	0.0262	0.00000991	59	0.000077	0.0032
2030 May	2640	2.68	3.48	0.118	1520	0.351	271			0.000009	0.0153	0.00822	0.547	0.0263	0.00000995	59.2	0.0000773	0.00321
2030 Jun	2600	2.64	3.42	0.116	1500	0.35	270			0.00000898	0.0153	0.0082	0.545	0.0262	0.00000992	59.1	0.0000771	0.00321
2030 Jul	2550	2.58	3.34	0.114	1460	0.349	269			0.00000895	0.0152	0.00818	0.543	0.0261	0.00000989	58.9	0.0000768	0.0032
2030 Aug	2550	2.57	3.34	0.114	1460	0.351	271			0.00000902	0.0153	0.00823	0.547	0.0263	0.00000996	59.3	0.0000774	0.00322
2030 Sep	2560	2.58	3.35	0.114	1470	0.354	273			0.00000908	0.0154	0.00829	0.551	0.0265	0.00001	59.7	0.0000779	0.00324
2030 Oct	2550	2.56	3.33	0.113	1460	0.353	272			0.00000906	0.0154	0.00827	0.55	0.0264	0.00001	59.6	0.0000777	0.00323
2030 Nov	2540	2.55	3.32	0.113	1450	0.352	272			0.00000904	0.0154	0.00826	0.549	0.0264	0.00000999	59.5	0.0000776	0.00323
2030 Dec	2540	2.56	3.32	0.113	1450	0.352	272			0.00000904	0.0154	0.00826	0.549	0.0264	0.00000999	59.5	0.0000776	0.00323
2031 Jan	2540	2.56	3.32	0.113	1450	0.352	272			0.00000904	0.0154	0.00826	0.549	0.0264	0.00000999	59.5	0.0000776	0.00323
2031 Feb	2540	2.56	3.32	0.113	1450	0.352	272			0.00000904	0.0154	0.00826	0.549	0.0264	0.00000999	59.5	0.0000776	0.00323
2031 Mar	2540	2.56	3.32	0.113	1450	0.352	272			0.00000904	0.0154	0.00826	0.549	0.0264	0.00000999	59.5	0.0000776	0.00323
2031 Apr	2540	2.56	3.32	0.113	1450	0.353	272			0.00000905	0.0154	0.00827	0.549	0.0264	0.00001	59.5	0.0000777	0.00323
2031 May	2550	2.56	3.32	0.113	1460	0.354	273			0.00000908	0.0154	0.0083	0.551	0.0265	0.00001	59.7	0.0000779	0.00324
2031 Jun	2490	2.5	3.24	0.11	1420	0.352	272			0.00000904	0.0154	0.00826	0.549	0.0264	0.00000999	59.5	0.0000776	0.00323
2031 Jul	2510	2.52	3.27	0.111	1430	0.356	275			0.00000915	0.0156	0.00836	0.555	0.0267	0.0000101	60.2	0.0000785	0.00327
2031 Aug	2500	2.5	3.25	0.111	1420	0.358	276			0.00000919	0.0156	0.00839	0.558	0.0268	0.0000102	60.4	0.0000789	0.00328
2031 Sep	2460	2.46	3.19	0.108	1390	0.356	275			0.00000914	0.0155	0.00835	0.555	0.0267	0.0000101	60.1	0.0000784	0.00326
2031 Oct	2420	2.41	3.13	0.106	1370	0.353	273			0.00000907	0.0154	0.00828	0.551	0.0265	0.00001	59.7	0.0000778	0.00324
2031 Nov	2420	2.41	3.12	0.106	1370	0.353	273			0.00000907	0.0154	0.00829	0.551	0.0265	0.00001	59.7	0.0000778	0.00324
2031 Dec	2420	2.41	3.12	0.106	1370	0.354	273			0.00000907	0.0154	0.00829	0.551	0.0265	0.00001	59.7	0.0000779	0.00324
2032 Jan	2420	2.41	3.12	0.106	1370	0.354	273			0.00000907	0.0154	0.00829	0.551	0.0265	0.00001	59.7	0.0000779	0.00324
2032 Feb	2420	2.41	3.12	0.106	1370	0.354	273			0.00000907	0.0154	0.00829	0.551	0.0265	0.00001	59.7	0.0000779	0.00324
2032 Mar	2420	2.41	3.13	0.106	1370	0.354	273			0.00000907	0.0154	0.00829	0.551	0.0265	0.00001	59.7	0.0000779	0.00324
2032 Apr	2420	2.41	3.13	0.106	1370	0.354	273			0.00000908	0.0154	0.00829	0.551	0.0265	0.00001	59.7	0.0000779	0.00324
2032 May	2420	2.41	3.13	0.107	1370	0.355	274			0.0000091	0.0155	0.00831	0.552	0.0265	0.0000101	59.8	0.0000781	0.00325
2032 Jun	1790	1.77	2.3	0.0785	1010	0.271	205	0.000247	0.000247	0.00000804	0.0122	0.00627	0.414	0.0216	0.00000875	46.3	0.0000596	0.00245
2032 Jul	1020	0.986	1.28	0.044	562	0.167	119	0.000559	0.000559	0.00000671	0.00809	0.0037	0.239	0.0154	0.00000712	29.3	0.0000364	0.00145
2032 Aug	649	0.622	0.805	0.028	356	0.115	76.9	0.000722	0.000722	0.00000609	0.00614	0.00243	0.153	0.0124	0.00000635	21	0.0000249	0.000943
2032 Sep	487	0.46	0.596	0.021	265	0.0924	58	0.000795	0.000795	0.00000582	0.00531	0.00186	0.115	0.0112	0.00000601	17.4	0.0000198	0.000702
2032 Oct	432	0.406	0.525	0.0186	235	0.0846	51.5	0.00082	0.00082	0.00000572	0.00501	0.00166	0.102	0.0108	0.00000589	16.1	0.000018	0.00062
2032 Nov	433	0.407	0.526	0.0186	235	0.0847	51.7	0.000819	0.000819	0.00000572	0.00502	0.00167	0.102	0.0108	0.00000589	16.2	0.0000181	0.000621
2032 Dec	433	0.407	0.527	0.0186	235	0.0848	51.8	0.000819	0.000819	0.00000572	0.00502	0.00167	0.102	0.0108	0.00000589	16.2	0.0000181	0.000623
2033 Jan	433	0.407	0.527	0.0186	235	0.0848	51.8	0.000819	0.000819	0.00000572	0.00502	0.00167	0.102	0.0108	0.00000589	16.2	0.0000181	0.000623
2033 Feb	433	0.407	0.527	0.0186	235	0.0848	51.8	0.000819	0.000819	0.00000572	0.00502	0.00167	0.102	0.0108	0.00000589	16.2	0.0000181	0.000623
2033 Mar	433	0.407	0.527	0.0186	235	0.0848	51.8	0.000819	0.000819	0.00000572	0.00502	0.00167	0.102	0.0108	0.0000059	16.2	0.0000181	0.000623
2033 Apr	434	0.407	0.527	0.0186	235	0.0849	51.8	0.000819	0.000819	0.00000573	0.00503	0.00167	0.102	0.0108	0.0000059	16.2	0.0000181	0.000623
2033 May	436	0.409	0.53	0.0187	237	0.0854	52.2	0.000818	0.000818	0.00000574	0.00505	0.00168	0.103	0.0108	0.00000591	16.3	0.0000182	0.000628
2033 Jun	429	0.4	0.518	0.0183	231	0.0854	52.3	0.000813	0.000813	0.00000572	0.00503	0.00169	0.103	0.0108	0.00000589	16.3	0.0000182	0.000632
2033 Jul	379	0.351	0.454	0.0162	204	0.0785	46.5	0.000837	0.000837	0.00000564	0.00474	0.00152	0.0916	0.0104	0.00000579	15.1	0.0000167	0.00057
2033 Aug	326	0.298	0.386	0.0139	174	0.0707	40.1	0.000864	0.000864	0.00000556	0.00446	0.00132	0.0786	0.00994	0.00000569	13.9	0.000015	0.000494
2033 Sep	290	0.263	0.339	0.0123	154	0.0656	35.9	0.000879	0.000879	0.00000549	0.00428	0.0012	0.0702	0.00968	0.00000561	13.1	0.0000138	0.000438
2033 Oct	277	0.25	0.322	0.0117	146	0.064	34.6	0.00088	0.00088	0.00000546	0.00421	0.00116	0.0675	0.00958	0.00000557	12.8	0.0000134	0.00042

Appendix C.2-17: WES01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Nov	278	0.25	0.323	0.0117	146	0.064	34.7	0.00088	0.00088	0.00000546	0.00421	0.00116	0.0677	0.00958	0.00000557	12.8	0.0000135	0.00042
2033 Dec	278	0.25	0.323	0.0117	146	0.064	34.7	0.00088	0.00088	0.00000546	0.00421	0.00116	0.0677	0.00958	0.00000557	12.8	0.0000135	0.00042
2034 Jan	278	0.25	0.323	0.0117	146	0.064	34.7	0.00088	0.00088	0.00000546	0.00421	0.00116	0.0677	0.00958	0.00000557	12.8	0.0000135	0.00042
2034 Feb	278	0.25	0.323	0.0117	146	0.064	34.7	0.00088	0.00088	0.00000546	0.00421	0.00116	0.0677	0.00958	0.00000557	12.8	0.0000135	0.00042
2034 Mar	278	0.25	0.323	0.0117	146	0.064	34.7	0.00088	0.00088	0.00000546	0.00421	0.00116	0.0677	0.00958	0.00000557	12.8	0.0000135	0.00042
2034 Apr	278	0.25	0.323	0.0117	146	0.0641	34.7	0.00088	0.00088	0.00000546	0.00422	0.00116	0.0677	0.00959	0.00000557	12.8	0.0000135	0.00042
2034 May	278	0.251	0.324	0.0118	147	0.0642	34.8	0.000881	0.000881	0.00000546	0.00422	0.00116	0.0679	0.0096	0.00000558	12.8	0.0000135	0.000422
2034 Jun	276	0.247	0.319	0.0116	145	0.0641	34.8	0.000879	0.000879	0.00000546	0.00421	0.00116	0.0678	0.00958	0.00000557	12.8	0.0000135	0.000423
2034 Jul	259	0.23	0.297	0.0109	135	0.0618	32.8	0.000888	0.000888	0.00000543	0.00411	0.00111	0.0639	0.00943	0.00000554	12.4	0.000013	0.000404
2034 Aug	236	0.209	0.269	0.00991	123	0.0585	30	0.000902	0.000902	0.00000541	0.00399	0.00102	0.0582	0.00925	0.0000055	11.9	0.0000122	0.000372
2034 Sep	220	0.192	0.248	0.00919	114	0.0562	28.1	0.000908	0.000908	0.00000538	0.00391	0.000964	0.0543	0.00914	0.00000546	11.5	0.0000117	0.000345
2034 Oct	213	0.185	0.239	0.0089	110	0.0553	27.4	0.000909	0.000909	0.00000536	0.00388	0.000942	0.053	0.00909	0.00000544	11.4	0.0000115	0.000335
2034 Nov	213	0.186	0.239	0.00891	110	0.0553	27.5	0.000909	0.000909	0.00000536	0.00388	0.000943	0.053	0.00909	0.00000544	11.4	0.0000115	0.000335
2034 Dec	213	0.186	0.239	0.00891	110	0.0553	27.5	0.000909	0.000909	0.00000536	0.00388	0.000943	0.053	0.00909	0.00000544	11.4	0.0000115	0.000335
2035 Jan	213	0.186	0.239	0.00891	110	0.0553	27.5	0.000909	0.000909	0.00000536	0.00388	0.000943	0.053	0.00909	0.00000544	11.4	0.0000115	0.000335
2035 Feb	213	0.186	0.239	0.00891	110	0.0553	27.5	0.000909	0.000909	0.00000536	0.00388	0.000943	0.053	0.00909	0.00000544	11.4	0.0000115	0.000335
2035 Mar	213	0.186	0.239	0.00891	110	0.0553	27.5	0.000909	0.000909	0.00000536	0.00388	0.000943	0.053	0.00909	0.00000544	11.4	0.0000115	0.000335
2035 Apr	213	0.186	0.239	0.00891	110	0.0553	27.5	0.000909	0.000909	0.00000536	0.00388	0.000943	0.053	0.00909	0.00000544	11.4	0.0000115	0.000335
2035 May	214	0.186	0.24	0.00892	110	0.0554	27.5	0.00091	0.00091	0.00000536	0.00389	0.000945	0.0531	0.0091	0.00000545	11.4	0.0000115	0.000335
2035 Jun	213	0.185	0.239	0.00888	110	0.0557	27.8	0.000906	0.000906	0.00000536	0.00389	0.000953	0.0537	0.0091	0.00000544	11.5	0.0000116	0.00034
2035 Jul	205	0.176	0.227	0.00849	105	0.0545	26.8	0.00091	0.00091	0.00000534	0.00384	0.000925	0.0517	0.00901	0.00000543	11.3	0.0000113	0.000331
2035 Aug	193	0.165	0.212	0.00799	98.3	0.0528	25.4	0.000917	0.000917	0.00000533	0.00377	0.000883	0.0488	0.00892	0.00000541	11	0.000011	0.000315
2035 Sep	184	0.156	0.2	0.00759	93.1	0.0515	24.4	0.000919	0.000919	0.00000531	0.00373	0.000852	0.0468	0.00886	0.00000538	10.8	0.0000107	0.0003
2035 Oct	179	0.151	0.195	0.0074	90.6	0.0509	23.9	0.000921	0.000921	0.0000053	0.00371	0.000835	0.0457	0.00882	0.00000537	10.7	0.0000105	0.000292
2035 Nov	180	0.152	0.195	0.00742	90.9	0.051	24	0.00092	0.00092	0.00000529	0.00371	0.000839	0.046	0.00883	0.00000537	10.7	0.0000106	0.000294
2035 Dec	180	0.152	0.195	0.00742	90.9	0.051	24	0.00092	0.00092	0.00000529	0.00371	0.000839	0.046	0.00883	0.00000537	10.7	0.0000106	0.000294
2036 Jan	180	0.152	0.195	0.00742	90.9	0.051	24	0.00092	0.00092	0.00000529	0.00371	0.000839	0.046	0.00883	0.00000537	10.7	0.0000106	0.000294
2036 Feb	180	0.152	0.195	0.00742	90.9	0.051	24	0.00092	0.00092	0.00000529	0.00371	0.000839	0.046	0.00883	0.00000537	10.7	0.0000106	0.000294
2036 Mar	180	0.152	0.195	0.00742	90.9	0.051	24	0.00092	0.00092	0.00000529	0.00371	0.000839	0.046	0.00883	0.00000537	10.7	0.0000106	0.000294
2036 Apr	180	0.152	0.195	0.00742	90.9	0.051	24	0.00092	0.00092	0.00000529	0.00371	0.000839	0.046	0.00883	0.00000537	10.7	0.0000106	0.000294
2036 May	180	0.152	0.196	0.00743	91	0.0511	24	0.00092	0.00092	0.0000053	0.00372	0.00084	0.0461	0.00884	0.00000537	10.7	0.0000106	0.000294
2036 Jun	180	0.151	0.194	0.00738	90.4	0.0512	24.1	0.000919	0.000919	0.0000053	0.00371	0.000843	0.0462	0.00883	0.00000537	10.7	0.0000106	0.000296
2036 Jul	174	0.145	0.187	0.00714	87.3	0.0505	23.5	0.000922	0.000922	0.00000529	0.00368	0.000825	0.045	0.00878	0.00000536	10.6	0.0000104	0.000291
2036 Aug	166	0.138	0.177	0.0068	82.9	0.0492	22.4	0.000928	0.000928	0.00000528	0.00364	0.000794	0.0428	0.00872	0.00000535	10.4	0.0000102	0.000279
2036 Sep	159	0.131	0.168	0.00651	79.1	0.0481	21.6	0.000931	0.000931	0.00000527	0.0036	0.000767	0.041	0.00867	0.00000533	10.2	0.00000993	0.000266
2036 Oct	156	0.128	0.164	0.00637	77.4	0.0476	21.2	0.000932	0.000932	0.00000526	0.00358	0.000754	0.0402	0.00864	0.00000532	10.2	0.00000981	0.00026
2036 Nov	156	0.128	0.164	0.00637	77.4	0.0477	21.2	0.000931	0.000931	0.00000526	0.00358	0.000755	0.0403	0.00864	0.00000532	10.2	0.00000982	0.000261
2036 Dec	156	0.128	0.164	0.00637	77.4	0.0477	21.2	0.000931	0.000931	0.00000526	0.00358	0.000755	0.0403	0.00864	0.00000532	10.2	0.00000982	0.000261
2037 Jan	156	0.128	0.164	0.00637	77.4	0.0477	21.2	0.000931	0.000931	0.00000526	0.00358	0.000755	0.0403	0.00864	0.00000532	10.2	0.00000982	0.000261
2037 Feb	156	0.128	0.164	0.00637	77.4	0.0477	21.2	0.000931	0.000931	0.00000526	0.00358	0.000755	0.0403	0.00864	0.00000532	10.2	0.00000982	0.000261
2037 Mar	156	0.128	0.164	0.00637	77.4	0.0477	21.2	0.000931	0.000931	0.00000526	0.00358	0.000755	0.0403	0.00864	0.00000532	10.2	0.00000982	0.000261
2037 Apr	156	0.128	0.164	0.00637	77.4	0.0477	21.2	0.000931	0.000931	0.00000526	0.00358	0.000755	0.0403	0.00864	0.00000532	10.2	0.00000982	0.000261
2037 May	156	0.128	0.165	0.00638	77.5	0.0477	21.2	0.000931	0.000931	0.00000526	0.00359	0.000757	0.0404	0.00864	0.00000532	10.2	0.00000984	0.000261
2037 Jun	155	0.127	0.163	0.00633	76.9	0.0477	21.3	0.000928	0.000928	0.00000525	0.00358	0.000758	0.0405	0.00862	0.00000531	10.2	0.00000983	0.000262
2037 Jul	151	0.123	0.158	0.00615	74.6	0.0471	20.7	0.000933	0.000933	0.00000525	0.00355	0.000741	0.0393	0.00858	0.00000531	10.1	0.00000969	0.000258
2037 Aug	145	0.117	0.151	0.00592	71.5	0.0462	19.9	0.000938	0.000938	0.00000525	0.00352	0.000719	0.0377	0.00855	0.00000531	9.91	0.00000949	0.000249
2037 Sep	140	0.113	0.145	0.0057	68.8	0.0453	19.2	0.000941	0.000941	0.00000524	0.0035	0.000697	0.0363	0.00851	0.0000053	9.79	0.0000093	0.000238
2037 Oct	138	0.11	0.141	0.0056	67.4	0.0449	18.9	0.000942	0.000942	0.00000523	0.00348	0.000687	0.0356	0.00849	0.00000529	9.73	0.00000921	0.000234
2037 Nov	138	0.11	0.141	0.0056	67.4	0.0449	18.9	0.000942	0.000942	0.00000523	0.00348	0.000687	0.0356	0.00849	0.00000529	9.73	0.00000921	0.000234
2037 Dec	138	0.11	0.141	0.0056	67.4	0.0449	18.9	0.000942	0.000942	0.00000523	0.00348	0.000687	0.0356	0.00849	0.00000529	9.73	0.00000921	0.000234
2038 Jan	138	0.11	0.141	0.0056	67.4	0.0449	18.9	0.000942	0.000942	0.00000523	0.00348	0.000687	0.0356	0.00849	0.00000529	9.73	0.00000921	0.000234
2038 Feb	138	0.11	0.141	0.0056	67.4	0.0449	18.9	0.000942	0.000942	0.00000523	0.00348	0.000687	0.0356	0.00849	0.00000529	9.73	0.00000921	0.000234
2038 Mar	138	0.11	0.141	0.0056	67.4	0.0449	18.9	0.000942	0.000942	0.00000523	0.00348	0.000687	0.0356	0.00849	0.00000529	9.73	0.00000921	0.000234
2038 Apr	138	0.11	0.141	0.0056	67.4	0.0449	18.9	0.000942	0.000942	0.00000523	0.00348	0.000687	0.0356	0.00849	0.00000529	9.73	0.00000921	0.000234
2038 May	138	0.11	0.142	0.0056	67.5	0.045	18.9	0.000943	0.000943	0.00000524	0.00348	0.000688	0.0357	0.0085	0.00000529	9.74	0.00000922	0.000234
2038 Jun	137	0.109	0.14	0.00555	66.8	0.0448	18.8	0.000941	0.000941	0.00000523	0.00347	0.000684	0.0354	0.00847	0.00000528	9.7	0.00000918	0.000233
2038 Jul	133	0.106	0.136	0.00543	65.2	0.0443	18.4	0.000946	0.000946	0.00000524	0.00345	0.000672	0.0346	0.00846	0.00000529	9.63	0.00000908	0.00023
2038 Aug	129	0.102	0.131	0.00526	63	0.0437	17.8	0.000951	0.000951	0.00000524	0.00344	0.000656	0.0334	0.00843	0.00000529	9.53	0.00000894	0.000223
2038 Sep	127	0.1	0.128	0.00516	61.7	0.0433	17.5	0.000952	0.000952	0.00000524	0.00343	0.000646	0.0328	0.00842	0.00000529	9.47	0.00000885	0.000218
2038 Oct	127	0.1	0.128	0.00516	61.7	0.0433	17.5	0.000952	0.000952	0.00000524	0.00343	0.000646	0.0328	0.00842	0.00000529	9.47	0.00000885	0.000219
2038 Nov	127	0.1	0.128	0.00516	61.7	0.0433	17.5	0.000952	0.000952	0.00000524	0.00343	0.000647	0.0328	0.00842	0.00000529	9.47	0.00000885	0.000219
2038 Dec	127	0.1	0.128	0.00516	61.7	0.0433	17.5	0.000952	0.000952	0.00000524	0.00343	0.000647	0.0328	0.00842	0.00000529	9.47	0.00000885	0.000219

Appendix C.2-17: WES01

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.0000191	0.000201	0.000512	0.00000137	0.74	0.963	0.00698	0.000194	22.5	0.000959	0.000269	0.000000749	0.000115	0.000049	0.0218	0.000000035	0.000226	0.000056	0.0000902	0.000305
Operation (2024-2031): Mean	0.000619	0.00652	0.0166	0.0000445	24	31.3	0.227	0.00629	691	0.0312	0.00874	0.0000243	0.00375	0.00159	0.707	0.00000114	0.00733	0.00182	0.00293	0.00989
Operation (2024-2031): Max	0.00065	0.00685	0.0175	0.0000467	25.2	32.8	0.238	0.00661	769	0.0327	0.00918	0.0000256	0.00394	0.00167	0.743	0.00000119	0.0077	0.00191	0.00307	0.0104
Active Closure (2032-2038): Min	0.000111	0.00107	0.0128	0.00000299	2.13	2.72	0.0147	0.000411	28.9	0.00212	0.00456	0.0000251	0.000223	0.000125	0.0661	0.00000117	0.000412	0.000155	0.00092	0.000537
Active Closure (2032-2038): Mean	0.000171	0.00172	0.0133	0.00000796	4.75	6.14	0.0401	0.00112	97.1	0.0056	0.00506	0.0000354	0.000645	0.0003	0.143	0.00000186	0.00124	0.000354	0.00116	0.00166
Active Closure (2032-2038): Max	0.000641	0.00675	0.0172	0.0000461	24.9	32.4	0.235	0.00652	632	0.0323	0.00906	0.0000388	0.00388	0.00165	0.733	0.00000197	0.00759	0.00189	0.00303	0.0102
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2038)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun																				
2026 Jul																				
2026 Aug																				
2026 Sep																				
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May	0.0000191	0.000201	0.000512	0.00000137	0.74	0.963	0.00698	0.000194	22.5	0.000959	0.000269	0.000000749	0.000115	0.000049	0.0218	0.000000035	0.000226	0.000056	0.0000902	0.000305
2027 Jun	0.000446	0.00469	0.012	0.000032	17.3	22.5	0.163	0.00453	527	0.0224	0.00629	0.0000175	0.0027	0.00115	0.509	0.000000819	0.00528	0.00131	0.00211	0.00712
2027 Jul	0.000587	0.00618	0.0158	0.0000422	22.8	29.6	0.215	0.00597	694	0.0296	0.00829	0.0000231	0.00356	0.00151	0.671	0.00000108	0.00695	0.00173	0.00278	0.00938
2027 Aug	0.000617	0.00649	0.0166	0.0000444	23.9	31.1	0.226	0.00627	729	0.031	0.00871	0.0000242	0.00374	0.00159	0.705	0.00000113	0.0073	0.00181	0.00292	0.00986
2027 Sep	0.000625	0.00658	0.0168	0.0000449	24.2	31.5	0.229	0.00635	738	0.0314	0.00882	0.0000245	0.00378	0.00161	0.714	0.00000115	0.00739	0.00184	0.00295	0.00998
2027 Oct	0.000625	0.00658	0.0168	0.000045	24.3	31.6	0.229	0.00635	739	0.0315	0.00883	0.0000246	0.00379	0.00161	0.714	0.00000115	0.0074	0.00184	0.00296	0.00999
2027 Nov	0.000626	0.00659	0.0168	0.000045	24.3	31.6	0.229	0.00636	740	0.0315	0.00884	0.0000246	0.00379	0.00161	0.715	0.00000115	0.00741	0.00184	0.00296	0.01
2027 Dec	0.000626	0.00659	0.0168	0.000045	24.3	31.6	0.229	0.00636	740	0.0315	0.00884	0.0000246	0.00379	0.00161	0.715	0.00000115	0.00741	0.00184	0.00296	0.00999
2028 Jan	0.000626	0.00659	0.0168	0.000045	24.3	31.6	0.229	0.00636	740	0.0315	0.00884	0.0000246	0.00379	0.00161	0.715	0.00000115	0.00741	0.00184	0.00296	0.00999
2028 Feb	0.000626	0.00659	0.0168	0.000045	24.3	31.6	0.229	0.00636	740	0.0315	0.00884	0.0000246	0.00379	0.00161	0.715	0.00000115	0.00741	0.00184	0.00296	0.01
2028 Mar	0.000626	0.00659	0.0168	0.000045	24.3	31.6	0.229	0.00636	740	0.0315	0.00884	0.0000246	0.00379	0.00161	0.715	0.00000115	0.00741	0.00184	0.00296	0.01
2028 Apr	0.000627	0.0066	0.0168	0.0000451	24.4	31.7	0.23	0.00637	742	0.0316	0.00886	0.0000247	0.0038	0.00161	0.717	0.00000115	0.00743	0.00184	0.00297	0.01
2028 May	0.000634	0.00667	0.017	0.0000456	24.6	32	0.232	0.00644	749	0.0319	0.00895	0.0000249	0.00384	0.00163	0.724	0.00000116	0.0075	0.00186	0.003	0.0101
2028 Jun	0.00062	0.00653	0.0166	0.0000446	24.1	31.3	0.227	0.0063	733	0.0312	0.00876	0.0000244	0.00376	0.0016	0.709	0.00000114	0.00734	0.00182	0.00293	0.00991
2028 Jul	0.000625	0.00658	0.0168	0.0000449	24.3	31.5	0.229	0.00635	739	0.0314	0.00882	0.0000246	0.00378	0.00161	0.714	0.00000115	0.0074	0.00184	0.00295	0.00998
2028 Aug	0.000649	0.00683	0.0174	0.0000466	25.2	32.8	0.237	0.00659	767	0.0326	0.00916	0.0000255	0.00393	0.00167	0.741	0.00000119	0.00768	0.00191	0.00307	0.0104

Appendix C.2-17: WES01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Sep	0.00065	0.00685	0.0175	0.0000467	25.2	32.8	0.238	0.00661	769	0.0327	0.00918	0.0000256	0.00394	0.00167	0.743	0.00000119	0.0077	0.00191	0.00307	0.0104
2028 Oct	0.000636	0.00669	0.0171	0.0000457	24.7	32.1	0.232	0.00646	751	0.032	0.00897	0.000025	0.00385	0.00163	0.726	0.00000117	0.00752	0.00187	0.00301	0.0102
2028 Nov	0.000636	0.0067	0.0171	0.0000457	24.7	32.1	0.233	0.00646	752	0.032	0.00898	0.000025	0.00385	0.00164	0.726	0.00000117	0.00753	0.00187	0.00301	0.0102
2028 Dec	0.000636	0.0067	0.0171	0.0000457	24.7	32.1	0.233	0.00646	752	0.032	0.00898	0.000025	0.00385	0.00164	0.727	0.00000117	0.00753	0.00187	0.00301	0.0102
2029 Jan	0.000636	0.0067	0.0171	0.0000457	24.7	32.1	0.233	0.00646	752	0.032	0.00898	0.000025	0.00385	0.00164	0.727	0.00000117	0.00753	0.00187	0.00301	0.0102
2029 Feb	0.000636	0.0067	0.0171	0.0000457	24.7	32.1	0.233	0.00646	752	0.032	0.00898	0.000025	0.00385	0.00164	0.727	0.00000117	0.00753	0.00187	0.00301	0.0102
2029 Mar	0.000636	0.0067	0.0171	0.0000457	24.7	32.1	0.233	0.00646	752	0.032	0.00898	0.000025	0.00385	0.00164	0.727	0.00000117	0.00753	0.00187	0.00301	0.0102
2029 Apr	0.000636	0.0067	0.0171	0.0000458	24.7	32.1	0.233	0.00647	752	0.032	0.00899	0.000025	0.00385	0.00164	0.727	0.00000117	0.00753	0.00187	0.00301	0.0102
2029 May	0.000639	0.00672	0.0171	0.0000459	24.8	32.2	0.234	0.00649	755	0.0321	0.00902	0.0000251	0.00387	0.00164	0.729	0.00000117	0.00756	0.00188	0.00302	0.0102
2029 Jun	0.000641	0.00674	0.0172	0.000046	24.9	32.3	0.234	0.00651	750	0.0322	0.00904	0.0000252	0.00388	0.00165	0.732	0.00000118	0.00758	0.00188	0.00303	0.0102
2029 Jul	0.000627	0.0066	0.0168	0.000045	24.3	31.6	0.229	0.00637	705	0.0315	0.00885	0.0000246	0.00379	0.00161	0.716	0.00000115	0.00742	0.00184	0.00296	0.01
2029 Aug	0.000633	0.00666	0.017	0.0000455	24.6	31.9	0.231	0.00643	706	0.0318	0.00893	0.0000249	0.00383	0.00163	0.723	0.00000116	0.00749	0.00186	0.00299	0.0101
2029 Sep	0.000635	0.00669	0.017	0.0000457	24.7	32.1	0.232	0.00645	706	0.032	0.00897	0.000025	0.00385	0.00163	0.725	0.00000117	0.00752	0.00187	0.003	0.0101
2029 Oct	0.000634	0.00667	0.017	0.0000456	24.6	32	0.232	0.00644	703	0.0319	0.00895	0.0000249	0.00384	0.00163	0.724	0.00000116	0.00751	0.00186	0.003	0.0101
2029 Nov	0.000632	0.00665	0.017	0.0000454	24.5	31.9	0.231	0.00642	699	0.0318	0.00892	0.0000248	0.00383	0.00163	0.722	0.00000116	0.00748	0.00186	0.00299	0.0101
2029 Dec	0.000632	0.00665	0.017	0.0000454	24.5	31.9	0.231	0.00642	699	0.0318	0.00892	0.0000248	0.00383	0.00163	0.722	0.00000116	0.00748	0.00186	0.00299	0.0101
2030 Jan	0.000632	0.00665	0.017	0.0000454	24.5	31.9	0.231	0.00642	699	0.0318	0.00892	0.0000248	0.00383	0.00163	0.722	0.00000116	0.00748	0.00186	0.00299	0.0101
2030 Feb	0.000632	0.00665	0.017	0.0000454	24.5	31.9	0.231	0.00642	699	0.0318	0.00892	0.0000248	0.00383	0.00163	0.722	0.00000116	0.00748	0.00186	0.00299	0.0101
2030 Mar	0.000632	0.00665	0.017	0.0000454	24.5	31.9	0.231	0.00642	699	0.0318	0.00893	0.0000248	0.00383	0.00163	0.722	0.00000116	0.00748	0.00186	0.00299	0.0101
2030 Apr	0.000632	0.00666	0.017	0.0000455	24.5	31.9	0.231	0.00642	700	0.0318	0.00893	0.0000248	0.00383	0.00163	0.722	0.00000116	0.00749	0.00186	0.00299	0.0101
2030 May	0.000635	0.00668	0.017	0.0000456	24.6	32	0.232	0.00645	702	0.0319	0.00896	0.0000249	0.00384	0.00163	0.725	0.00000117	0.00751	0.00187	0.003	0.0101
2030 Jun	0.000633	0.00667	0.017	0.0000455	24.6	32	0.232	0.00643	690	0.0319	0.00894	0.0000249	0.00383	0.00163	0.723	0.00000116	0.00749	0.00186	0.00299	0.0101
2030 Jul	0.000631	0.00664	0.0169	0.0000454	24.5	31.9	0.231	0.00641	674	0.0318	0.00891	0.0000248	0.00382	0.00162	0.721	0.00000116	0.00747	0.00186	0.00298	0.0101
2030 Aug	0.000636	0.00669	0.0171	0.0000457	24.7	32.1	0.232	0.00646	673	0.032	0.00897	0.000025	0.00385	0.00163	0.726	0.00000117	0.00752	0.00187	0.00301	0.0102
2030 Sep	0.00064	0.00674	0.0172	0.000046	24.8	32.3	0.234	0.0065	676	0.0322	0.00904	0.0000251	0.00387	0.00165	0.731	0.00000118	0.00757	0.00188	0.00303	0.0102
2030 Oct	0.000638	0.00672	0.0171	0.0000459	24.8	32.2	0.234	0.00649	671	0.0321	0.00901	0.0000251	0.00387	0.00164	0.729	0.00000117	0.00756	0.00188	0.00302	0.0102
2030 Nov	0.000637	0.00671	0.0171	0.0000458	24.7	32.2	0.233	0.00648	669	0.0321	0.009	0.0000251	0.00386	0.00164	0.728	0.00000117	0.00755	0.00187	0.00301	0.0102
2030 Dec	0.000638	0.00671	0.0171	0.0000458	24.7	32.2	0.233	0.00648	669	0.0321	0.009	0.0000251	0.00386	0.00164	0.728	0.00000117	0.00755	0.00187	0.00301	0.0102
2031 Jan	0.000638	0.00671	0.0171	0.0000458	24.7	32.2	0.233	0.00648	669	0.0321	0.009	0.0000251	0.00386	0.00164	0.728	0.00000117	0.00755	0.00187	0.00301	0.0102
2031 Feb	0.000638	0.00671	0.0171	0.0000458	24.7	32.2	0.233	0.00648	669	0.0321	0.009	0.0000251	0.00386	0.00164	0.728	0.00000117	0.00755	0.00187	0.00301	0.0102
2031 Mar	0.000638	0.00671	0.0171	0.0000458	24.7	32.2	0.233	0.00648	669	0.0321	0.009	0.0000251	0.00386	0.00164	0.728	0.00000117	0.00755	0.00187	0.00301	0.0102
2031 Apr	0.000638	0.00672	0.0171	0.0000459	24.8	32.2	0.233	0.00648	669	0.0321	0.00901	0.0000251	0.00386	0.00164	0.729	0.00000117	0.00755	0.00188	0.00302	0.0102
2031 May	0.00064	0.00674	0.0172	0.000046	24.9	32.3	0.234	0.00651	670	0.0322	0.00904	0.0000252	0.00388	0.00165	0.731	0.00000118	0.00758	0.00188	0.00303	0.0102
2031 Jun	0.000637	0.00671	0.0171	0.0000458	24.7	32.2	0.233	0.00648	654	0.0321	0.009	0.000025	0.00386	0.00164	0.728	0.00000117	0.00755	0.00187	0.00301	0.0102
2031 Jul	0.000645	0.00679	0.0173	0.0000464	25	32.6	0.236	0.00655	659	0.0325	0.00911	0.0000253	0.0039	0.00166	0.737	0.00000118	0.00763	0.0019	0.00305	0.0103
2031 Aug	0.000648	0.00682	0.0174	0.0000466	25.2	32.7	0.237	0.00658	655	0.0326	0.00915	0.0000255	0.00392	0.00167	0.74	0.00000119	0.00767	0.0019	0.00306	0.0103
2031 Sep	0.000644	0.00678	0.0173	0.0000463	25	32.5	0.236	0.00655	642	0.0324	0.0091	0.0000253	0.0039	0.00166	0.736	0.00000118	0.00763	0.00189	0.00305	0.0103
2031 Oct	0.000639	0.00673	0.0172	0.000046	24.8	32.3	0.234	0.0065	630	0.0322	0.00903	0.0000251	0.00387	0.00164	0.73	0.00000117	0.00757	0.00188	0.00302	0.0102
2031 Nov	0.00064	0.00673	0.0172	0.000046	24.8	32.3	0.234	0.0065	630	0.0322	0.00903	0.0000251	0.00387	0.00164	0.73	0.00000117	0.00757	0.00188	0.00302	0.0102
2031 Dec	0.00064	0.00673	0.0172	0.000046	24.8	32.3	0.234	0.0065	630	0.0322	0.00903	0.0000251	0.00387	0.00164	0.73	0.00000117	0.00757	0.00188	0.00302	0.0102
2032 Jan	0.00064	0.00673	0.0172	0.000046	24.8	32.3	0.234	0.0065	630	0.0322	0.00903	0.0000251	0.00387	0.00164	0.731	0.00000117	0.00757	0.00188	0.00302	0.0102
2032 Feb	0.00064	0.00673	0.0172	0.000046	24.8	32.3	0.234	0.0065	630	0.0322	0.00903	0.0000251	0.00387	0.00164	0.731	0.00000117	0.00757	0.00188	0.00302	0.0102
2032 Mar	0.00064	0.00673	0.0172	0.000046	24.8	32.3	0.234	0.0065	630	0.0322	0.00903	0.0000251	0.00387	0.00165	0.731	0.00000118	0.00757	0.00188	0.00302	0.0102
2032 Apr	0.00064	0.00674	0.0172	0.000046	24.8	32.3	0.234	0.0065	630	0.0322	0.00904	0.0000251	0.00387	0.00165	0.731	0.00000118	0.00757	0.00188	0.00303	0.0102
2032 May	0.000641	0.00675	0.0172	0.0000461	24.9	32.4	0.235	0.00652	632	0.0323	0.00906	0.0000252	0.00388	0.00165	0.733	0.00000118	0.00759	0.00189	0.00303	0.0102
2032 Jun	0.000494	0.00524	0.0164	0.0000346	18.8	24.4	0.176	0.00489	464	0.0243	0.00785	0.0000312	0.00291	0.00124	0.554	0.00000138	0.00568	0.00143	0.00246	0.00766
2032 Jul	0.000309	0.00335	0.0154	0.0000202	11.2	14.5	0.102	0.00284	259	0.0142	0.00633	0.0000388	0.00168	0.000732	0.329	0.00000162	0.00327	0.00085	0.00175	0.00441
2032 Aug	0.000225	0.0024	0.0145	0.0000131	7.38	9.58	0.0659	0.00183	165	0.00916	0.00555	0.0000366	0.00107	0.000479	0.219	0.00000176	0.00208	0.000561	0.0014	0.0028
2032 Sep	0.000193	0.00196	0.0136	0.00000981	5.71	7.4	0.0495	0.00138	123	0.00689	0.00522	0.0000338	0.000802	0.000366	0.171	0.00000183	0.00155	0.000429	0.00125	0.00207
2032 Oct	0.000181	0.00182	0.0134	0.00000871	5.15	6.66	0.0439	0.00122	109	0.00612	0.00514	0.000035	0.000709	0.000327	0.155	0.00000185	0.00137	0.000384	0.0012	0.00183
2032 Nov	0.000182	0.00182	0.0134	0.00000873	5.16	6.67	0.044	0.00123	109	0.00614	0.00515	0.000035	0.000711	0.000328	0.155	0.00000185	0.00137	0.000385	0.0012	0.00183
2032 Dec	0.000182	0.00182	0.0134	0.00000875	5.17	6.68	0.0441	0.00123	109	0.00615	0.00515	0.0000349	0.000713	0.000328	0.155	0.00000185	0.00137	0.000386	0.0012	0.00184
2033 Jan	0.000182	0.00182	0.0134	0.00000875	5.17	6.68	0.0441	0.00123	109	0.00615	0.00515	0.0000349	0.000713	0.000328	0.155	0.00000185	0.00137	0.000386	0.0012	0.00184
2033 Feb	0.000182	0.00182	0.0134	0.00000875	5.17	6.68	0.0441	0.00123	109	0.00615	0.00515	0.0000349	0.000713	0.000328	0.155	0.00000185	0.00137	0.000386	0.0012	0.00184
2033 Mar	0.000182	0.00182	0.0134	0.00000875	5.17	6.69	0.0441	0.00123	109	0.00615	0.00515	0.000035	0.000713	0.000328	0.155	0.00000185	0.00137	0.000386	0.0012	0.00184
2033 Apr	0.000182	0.00183	0.0134	0.00000876	5.17	6.69	0.0442	0.00123	109	0.00615	0.00515	0.000035	0.000713	0.000329	0.155	0.00000185	0.00137	0.000386	0.0012	0.00184
2033 May	0.000183	0.00184	0.0134	0.00000883	5.21	6.74	0.0445	0.00124	109	0.0062	0.00516	0.000035	0.000719	0.000331	0.156	0.00000185	0.00139	0.000389	0.0012	0.00185
2033 Jun	0.000182	0.00184	0.0134	0.00000885	5.22	6.74	0.0446	0.00124	107	0.00622	0.00514	0.0000354	0.00072	0.000332	0.156	0.00000184	0.00139	0.00039	0.0012	0.00186
2033 Jul	0.000167	0.00172	0.0136	0.0000079	4.7	6.07	0.0397	0.0011	94.2	0.00555	0.00506	0.0000375	0.000638	0.000297	0.141	0.00000186	0.00123	0.000353	0.00115	0.00164
2033 Aug	0.000154	0.00157	0.0135	0.00000682	4.13	5.33	0.0342	0.00095	80.5	0.0048	0.00494	0.0000367	0.000546	0.000259	0.124	0.00000189	0.00105	0.000309	0.0011	0.0014
2033 Sep	0.000148	0.00147	0.0132	0.00000609	3.76	4.85	0.0306	0.00085	71.2	0.00429	0.00486	0.0000353	0.000486	0.000234	0.114	0.0000019	0.000929	0.00028	0.00107	0.00124
2033 Oct	0.000146	0.00144	0.013	0.00000587	3.65	4.7	0.0294	0.000819	67.9	0.00413	0.00484	0.0000356	0.000468	0.000226	0.111	0.0000019	0.000892	0.00027	0.00106	0.00119

Appendix C.2-17: WES01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Nov	0.000146	0.00144	0.013	0.00000588	3.65	4.7	0.0295	0.00082	68	0.00414	0.00484	0.0000356	0.000468	0.000227	0.111	0.0000019	0.000894	0.00027	0.00106	0.00119
2033 Dec	0.000146	0.00144	0.013	0.00000588	3.65	4.7	0.0295	0.00082	68	0.00414	0.00484	0.0000356	0.000468	0.000227	0.111	0.0000019	0.000894	0.00027	0.00106	0.00119
2034 Jan	0.000146	0.00144	0.013	0.00000588	3.65	4.7	0.0295	0.00082	68	0.00414	0.00484	0.0000356	0.000468	0.000227	0.111	0.0000019	0.000894	0.00027	0.00106	0.00119
2034 Feb	0.000146	0.00144	0.013	0.00000588	3.65	4.7	0.0295	0.00082	68	0.00414	0.00484	0.0000356	0.000468	0.000227	0.111	0.0000019	0.000894	0.00027	0.00106	0.00119
2034 Mar	0.000146	0.00144	0.013	0.00000588	3.65	4.7	0.0295	0.00082	68	0.00414	0.00484	0.0000356	0.000468	0.000227	0.111	0.0000019	0.000894	0.00027	0.00106	0.00119
2034 Apr	0.000146	0.00144	0.013	0.00000588	3.65	4.71	0.0295	0.000821	68	0.00414	0.00484	0.0000356	0.000469	0.000227	0.111	0.0000019	0.000894	0.00027	0.00106	0.00119
2034 May	0.000147	0.00145	0.0131	0.0000059	3.66	4.72	0.0296	0.000823	68.1	0.00415	0.00485	0.0000357	0.00047	0.000227	0.111	0.0000019	0.000897	0.000271	0.00106	0.00119
2034 Jun	0.000146	0.00145	0.0131	0.00000589	3.66	4.71	0.0295	0.000822	67.2	0.00415	0.00484	0.000036	0.00047	0.000227	0.111	0.0000019	0.000896	0.000271	0.00106	0.00119
2034 Jul	0.00014	0.00141	0.0132	0.00000558	3.48	4.49	0.0279	0.000777	62.8	0.00393	0.00482	0.0000371	0.000442	0.000216	0.106	0.0000019	0.000843	0.000259	0.00104	0.00112
2034 Aug	0.000135	0.00135	0.0132	0.00000512	3.24	4.17	0.0255	0.00071	57.2	0.00361	0.00477	0.0000367	0.000403	0.000199	0.0985	0.00000192	0.000765	0.000241	0.00102	0.00101
2034 Sep	0.000132	0.0013	0.013	0.00000478	3.07	3.95	0.0239	0.000664	52.9	0.00337	0.00473	0.0000358	0.000375	0.000188	0.0937	0.00000192	0.00071	0.000227	0.001	0.000941
2034 Oct	0.000131	0.00128	0.0129	0.00000466	3.01	3.87	0.0232	0.000648	51.2	0.00329	0.00472	0.000036	0.000365	0.000184	0.0919	0.00000192	0.000691	0.000222	0.000998	0.000914
2034 Nov	0.000132	0.00129	0.0129	0.00000466	3.01	3.87	0.0233	0.000648	51.2	0.00329	0.00472	0.000036	0.000365	0.000184	0.092	0.00000192	0.000691	0.000222	0.000998	0.000915
2034 Dec	0.000132	0.00129	0.0129	0.00000466	3.01	3.87	0.0233	0.000648	51.2	0.00329	0.00472	0.000036	0.000365	0.000184	0.092	0.00000192	0.000691	0.000222	0.000998	0.000915
2035 Jan	0.000132	0.00129	0.0129	0.00000466	3.01	3.87	0.0233	0.000648	51.2	0.00329	0.00472	0.000036	0.000365	0.000184	0.092	0.00000192	0.000691	0.000222	0.000998	0.000915
2035 Feb	0.000132	0.00129	0.0129	0.00000466	3.01	3.87	0.0233	0.000648	51.2	0.00329	0.00472	0.000036	0.000365	0.000184	0.092	0.00000192	0.000691	0.000222	0.000998	0.000915
2035 Mar	0.000132	0.00129	0.0129	0.00000466	3.01	3.87	0.0233	0.000648	51.2	0.00329	0.00472	0.000036	0.000365	0.000184	0.092	0.00000192	0.000691	0.000222	0.000998	0.000915
2035 Apr	0.000132	0.00129	0.0129	0.00000466	3.01	3.87	0.0233	0.000648	51.2	0.00329	0.00472	0.000036	0.000365	0.000184	0.092	0.00000192	0.000691	0.000222	0.000998	0.000915
2035 May	0.000132	0.00129	0.013	0.00000467	3.02	3.88	0.0233	0.000649	51.3	0.00329	0.00473	0.0000361	0.000366	0.000184	0.0922	0.00000193	0.000693	0.000222	0.000999	0.000917
2035 Jun	0.000132	0.00129	0.013	0.00000472	3.04	3.91	0.0236	0.000656	51	0.00333	0.00472	0.0000362	0.00037	0.000186	0.0928	0.00000192	0.000701	0.000224	0.001	0.000928
2035 Jul	0.000129	0.00127	0.0131	0.00000456	2.95	3.79	0.0227	0.000633	48.7	0.00322	0.00471	0.000037	0.000356	0.00018	0.0901	0.00000192	0.000674	0.000218	0.000992	0.000892
2035 Aug	0.000126	0.00124	0.0131	0.00000432	2.82	3.63	0.0215	0.000599	45.8	0.00305	0.00468	0.0000367	0.000336	0.000172	0.0864	0.00000193	0.000634	0.000209	0.000982	0.000838
2035 Sep	0.000125	0.00122	0.0129	0.00000415	2.73	3.51	0.0206	0.000575	43.4	0.00293	0.00466	0.0000359	0.000321	0.000165	0.0839	0.00000193	0.000605	0.000201	0.000972	0.000799
2035 Oct	0.000124	0.0012	0.0129	0.00000405	2.69	3.45	0.0202	0.000563	42.3	0.00286	0.00465	0.0000361	0.000314	0.000162	0.0826	0.00000193	0.000591	0.000197	0.000967	0.000779
2035 Nov	0.000124	0.00121	0.0129	0.00000407	2.7	3.47	0.0203	0.000565	42.4	0.00288	0.00465	0.0000361	0.000316	0.000163	0.0829	0.00000193	0.000594	0.000198	0.000968	0.000784
2035 Dec	0.000124	0.00121	0.0129	0.00000407	2.7	3.47	0.0203	0.000565	42.4	0.00288	0.00465	0.0000361	0.000316	0.000163	0.0829	0.00000193	0.000594	0.000198	0.000968	0.000784
2036 Jan	0.000124	0.00121	0.0129	0.00000407	2.7	3.47	0.0203	0.000565	42.4	0.00288	0.00465	0.0000361	0.000316	0.000163	0.0829	0.00000193	0.000594	0.000198	0.000968	0.000784
2036 Feb	0.000124	0.00121	0.0129	0.00000407	2.7	3.47	0.0203	0.000565	42.4	0.00288	0.00465	0.0000361	0.000316	0.000163	0.0829	0.00000193	0.000594	0.000198	0.000968	0.000784
2036 Mar	0.000124	0.00121	0.0129	0.00000407	2.7	3.47	0.0203	0.000565	42.4	0.00288	0.00465	0.0000361	0.000316	0.000163	0.0829	0.00000193	0.000594	0.000198	0.000968	0.000784
2036 Apr	0.000124	0.00121	0.0129	0.00000408	2.7	3.47	0.0203	0.000566	42.4	0.00288	0.00465	0.0000361	0.000316	0.000163	0.083	0.00000193	0.000594	0.000198	0.000968	0.000784
2036 May	0.000124	0.00121	0.0129	0.00000408	2.71	3.47	0.0203	0.000566	42.4	0.00288	0.00466	0.0000361	0.000316	0.000163	0.0831	0.00000193	0.000595	0.000198	0.000969	0.000785
2036 Jun	0.000124	0.00121	0.0129	0.0000041	2.71	3.48	0.0204	0.000568	42.1	0.00289	0.00465	0.0000363	0.000317	0.000164	0.0832	0.00000193	0.000598	0.000199	0.000969	0.000789
2036 Jul	0.000122	0.0012	0.013	0.000004	2.66	3.41	0.0199	0.000554	40.7	0.00283	0.00465	0.0000369	0.000309	0.00016	0.0815	0.00000193	0.000581	0.000196	0.000964	0.000766
2036 Aug	0.00012	0.00118	0.013	0.00000383	2.56	3.29	0.019	0.000529	38.7	0.0027	0.00463	0.0000367	0.000294	0.000154	0.0788	0.00000194	0.000551	0.000189	0.000957	0.000726
2036 Sep	0.000119	0.00115	0.0129	0.00000367	2.48	3.19	0.0182	0.000508	37	0.0026	0.00461	0.0000362	0.000281	0.000149	0.0766	0.00000194	0.000526	0.000182	0.00095	0.000692
2036 Oct	0.000118	0.00115	0.0128	0.0000036	2.45	3.14	0.0179	0.000498	36.1	0.00255	0.00461	0.0000363	0.000275	0.000146	0.0756	0.00000194	0.000515	0.000179	0.000946	0.000677
2036 Nov	0.000118	0.00115	0.0128	0.0000036	2.45	3.14	0.0179	0.000499	36.2	0.00255	0.00461	0.0000363	0.000275	0.000146	0.0757	0.00000194	0.000515	0.000179	0.000946	0.000678
2036 Dec	0.000118	0.00115	0.0128	0.0000036	2.45	3.14	0.0179	0.000499	36.2	0.00255	0.00461	0.0000363	0.000275	0.000146	0.0757	0.00000194	0.000516	0.000179	0.000946	0.000678
2037 Jan	0.000118	0.00115	0.0128	0.0000036	2.45	3.14	0.0179	0.000499	36.2	0.00255	0.00461	0.0000363	0.000275	0.000146	0.0757	0.00000194	0.000516	0.000179	0.000946	0.000678
2037 Feb	0.000118	0.00115	0.0128	0.0000036	2.45	3.14	0.0179	0.000499	36.2	0.00255	0.00461	0.0000363	0.000275	0.000146	0.0757	0.00000194	0.000516	0.000179	0.000946	0.000678
2037 Mar	0.000118	0.00115	0.0128	0.0000036	2.45	3.14	0.0179	0.000499	36.2	0.00255	0.00461	0.0000363	0.000275	0.000146	0.0757	0.00000194	0.000516	0.000179	0.000946	0.000678
2037 Apr	0.000119	0.00115	0.0128	0.0000036	2.45	3.14	0.0179	0.000499	36.2	0.00255	0.00461	0.0000363	0.000276	0.000146	0.0757	0.00000194	0.000516	0.000179	0.000946	0.000678
2037 May	0.000119	0.00115	0.0128	0.00000361	2.46	3.15	0.0179	0.0005	36.2	0.00256	0.00461	0.0000363	0.000276	0.000147	0.0758	0.00000194	0.000517	0.00018	0.000946	0.00068
2037 Jun	0.000118	0.00115	0.0128	0.00000362	2.46	3.15	0.018	0.000501	35.9	0.00256	0.0046	0.0000363	0.000277	0.000147	0.0758	0.00000193	0.000518	0.00018	0.000944	0.000681
2037 Jul	0.000116	0.00114	0.0129	0.00000353	2.41	3.08	0.0175	0.000487	34.9	0.0025	0.0046	0.0000369	0.000269	0.000143	0.0743	0.00000194	0.000502	0.000177	0.000941	0.00066
2037 Aug	0.000115	0.00112	0.0129	0.0000034	2.34	3	0.0168	0.000469	33.5	0.00241	0.00459	0.0000368	0.000258	0.000139	0.0723	0.00000195	0.000481	0.000172	0.000937	0.00063
2037 Sep	0.000114	0.0011	0.0129	0.00000328	2.28	2.92	0.0162	0.000452	32.2	0.00232	0.00458	0.0000363	0.000247	0.000135	0.0706	0.00000195	0.000461	0.000166	0.000932	0.000603
2037 Oct	0.000114	0.0011	0.0128	0.00000322	2.25	2.88	0.0159	0.000444	31.6	0.00228	0.00458	0.0000365	0.000243	0.000133	0.0697	0.00000195	0.000451	0.000164	0.000928	0.00059
2037 Nov	0.000114	0.0011	0.0128	0.00000322	2.25	2.88	0.0159	0.000444	31.6	0.00228	0.00458	0.0000365	0.000243	0.000133	0.0698	0.00000195	0.000451	0.000164	0.000928	0.00059
2037 Dec	0.000114	0.0011	0.0128	0.00000322	2.25	2.88	0.0159	0.000444	31.6	0.00228	0.00458	0.0000365	0.000243	0.000133	0.0698	0.00000195	0.000451	0.000164	0.000928	0.000591
2038 Jan	0.000114	0.0011	0.0128	0.00000322	2.25	2.88	0.0159	0.000444	31.6	0.00228	0.00458	0.0000365	0.000243	0.000133	0.0698	0.00000195	0.000451	0.000164	0.000928	0.000591
2038 Feb	0.000114	0.0011	0.0128	0.00000322	2.25	2.88	0.0159	0.000444	31.6	0.00228	0.00458	0.0000365	0.000243	0.000133	0.0698	0.00000195	0.000451	0.000164	0.000928	0.000591
2038 Mar	0.000114	0.0011	0.0128	0.00000322	2.25	2.88	0.0159	0.000444	31.6	0.00228	0.00458	0.0000365	0.000243	0.000133	0.0698	0.00000195	0.000451	0.000164	0.000928	0.000591
2038 Apr	0.000114	0.0011	0.0128	0.00000322	2.25	2.88	0.0159	0.000444	31.6	0.00228	0.00458	0.0000365	0.000243	0.000133	0.0698	0.00000195	0.000451	0.000164	0.000928	0.000591
2038 May	0.000114	0.0011	0.0128	0.00000322	2.25	2.88	0.0159	0.000445	31.6	0.00228	0.00458	0.0000365	0.000243	0.000133	0.0698	0.00000195	0.000452	0.000164	0.000929	0.000591
2038 Jun	0.000113	0.00109	0.0128	0.0000032	2.24	2.87	0.0158	0.000442	31.3	0.00227	0.00457	0.0000366	0.000241	0.000132	0.0695	0.00000195	0.000449	0.000163	0.000927	0.000587
2038 Jul	0.000112	0.00109	0.0129	0.00000314	2.2	2.82	0.0155	0.000432	30.5	0.00222	0.00458	0.0000371	0.000235	0.00013	0.0683	0.00000196	0.000437	0.000161	0.000926	0.000571
2038 Aug	0.000111	0.00108	0.0129	0.00000304	2.15	2.75	0.015	0.000418	29.5	0.00216	0.00457	0.000037	0.000227	0.000126	0.0669	0.00000196	0.000421	0.000157	0.000923	0.000549
2038 Sep	0.000111	0.00107	0.0129	0.00000299	2.13	2.72	0.0147	0.000411	28.9	0.00212	0.00456	0.0000365	0.000223	0.000125	0.0661	0.00000197	0.000412	0.000155	0.000921	0.000537
2038 Oct	0.000111	0.00107	0.0129	0.00000299	2.13	2.72	0.0147	0.000411	28.9	0.00212	0.00456	0.0000365	0.000223	0.000125	0.0661	0.00000197	0.000412	0.000155	0.00092	0.000537
2038 Nov	0.000111	0.00107	0.0129	0.00000299	2.13	2.72	0.0147	0.000411	28.9	0.00212	0.00456	0.0000365	0.000223	0.000125	0.0661	0.00000197	0.000412	0.000155	0.000921	0.000537
2038 Dec	0.000111	0.00107	0.0129	0.00000299	2.13	2.72	0.0147	0.000411	28.9	0.00212	0.00456	0.0000365	0.000223	0.000125	0.0661	0.00000197	0.000412	0.000155	0.000921	0.000537

Appendix C.2-18: WES02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	2.82	0.00301	0.00391	0.000133	1.66	0.000366	0.294	0.0105	0.00113	9.15E-09	0.0000151	0.00000882	0.000587	0.0000225	9.21E-09	0.0644	8.42E-08	0.00000261
Operation (2024-2031): Mean	29400	39.4	50	1.95	18300	0.0678	1450	0.0689	0.00769	0.000308	0.0823	0.143	0.811	0.205	0.000193	938	0.000301	0.00171
Operation (2024-2031): Max	32300	60.4	70.3	2.95	21100	0.1	1650	0.0993	0.0107	0.000367	0.159	0.196	0.972	0.227	0.000363	1110	0.000331	0.00213
Active Closure (2032-2038): Min	52.3	0.0334	0.884	0.00264	22.4	0.0293	6.56	0.000881	0.000881	0.00000476	0.0028	0.000322	0.0106	0.00727	0.00000476	7.05	0.00000579	0.0000907
Active Closure (2032-2038): Mean	6050	5.62	9.75	0.276	3580	0.0524	343	0.0112	0.00194	0.0000604	0.011	0.0249	0.188	0.0483	0.0000239	186	0.0000689	0.000539
Active Closure (2032-2038): Max	29100	26.9	36.7	1.32	17300	0.106	1610	0.0512	0.00602	0.000277	0.0397	0.119	0.795	0.2	0.0000978	874	0.000298	0.00192
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2038)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May	2.82	0.00301	0.00391	0.000133	1.66	0.000366	0.294			9.15E-09	0.0000151	0.00000882	0.000587	0.0000225	9.21E-09	0.0644	8.42E-08	0.00000261
2026 Jun	3850	6.92	8.13	0.334	2510	0.0833	191	0.0105	0.00113	0.0000398	0.0202	0.0223	0.223	0.0276	0.0000408	128	0.0000514	0.00077
2026 Jul	26500	50.8	59.1	2.48	17500	0.0687	1060	0.084	0.00905	0.000306	0.137	0.165	0.83	0.186	0.000311	926	0.000277	0.0019
2026 Aug	30700	58.5	68.1	2.85	20300	0.0713	1240	0.0964	0.0104	0.000354	0.156	0.19	0.945	0.216	0.000355	1070	0.000319	0.00211
2026 Sep	32000	60.4	70.3	2.95	21100	0.0689	1300	0.0993	0.0107	0.000367	0.159	0.196	0.972	0.224	0.000363	1110	0.000331	0.00213
2026 Oct	31000	58.3	68.8	2.85	20400	0.0718	1270	0.0958	0.0103	0.000355	0.153	0.189	0.948	0.217	0.000349	1070	0.000321	0.00209
2026 Nov	29800	56.1	68.1	2.74	19600	0.0691	1220	0.0922	0.00994	0.000342	0.147	0.182	0.911	0.209	0.000336	1030	0.000309	0.00201
2026 Dec	28700	54	67.3	2.64	18900	0.0665	1170	0.0887	0.00958	0.000329	0.142	0.175	0.878	0.201	0.000323	995	0.000297	0.00194
2027 Jan	27700	52.1	66.6	2.54	18200	0.0641	1130	0.0855	0.00923	0.000317	0.137	0.169	0.846	0.194	0.000311	959	0.000287	0.00187
2027 Feb	26700	50.3	66	2.46	17600	0.062	1090	0.0826	0.00892	0.000307	0.132	0.163	0.817	0.187	0.000301	927	0.000277	0.0018
2027 Mar	25900	48.7	65.4	2.38	17000	0.06	1060	0.08	0.00863	0.000297	0.128	0.158	0.791	0.181	0.000291	897	0.000268	0.00175
2027 Apr	25100	47.2	64.9	2.31	16500	0.0581	1020	0.0774	0.00836	0.000287	0.124	0.153	0.766	0.176	0.000282	869	0.00026	0.00169
2027 May	24300	45.7	64.4	2.24	16000	0.0566	994	0.0751	0.0081	0.000279	0.12	0.148	0.743	0.17	0.000273	842	0.000252	0.00164
2027 Jun	22900	42.3	59.8	2.07	15000	0.0757	959	0.0691	0.00746	0.00026	0.11	0.137	0.726	0.161	0.00025	788	0.000241	0.00168
2027 Jul	28500	48.3	61.6	2.37	18300	0.0751	1270	0.0784	0.00854	0.000317	0.115	0.158	0.846	0.202	0.000265	956	0.000298	0.00185
2027 Aug	31000	50.8	62.8	2.5	19800	0.0656	1400	0.0826	0.00902	0.000342	0.118	0.167	0.886	0.22	0.000271	1030	0.000321	0.00185
2027 Sep	31800	51.2	62.6	2.53	20300	0.0609	1450	0.0832	0.00911	0.00035	0.116	0.169	0.895	0.226	0.00027	1050	0.000328	0.00182
2027 Oct	32000	51.1	62.3	2.52	20300	0.0594	1470	0.083	0.00908	0.000351	0.115	0.168	0.895	0.227	0.000267	1050	0.000329	0.00181
2027 Nov	31800	50.8	62.2	2.51	20200	0.0593	1460	0.0825	0.00904	0.000349	0.115	0.168	0.891	0.225	0.000266	1050	0.000327	0.0018
2027 Dec	31700	50.6	62.1	2.49	20100	0.0591	1450	0.0822	0.009	0.000347	0.114	0.167	0.887	0.224	0.000264	1040	0.000326	0.00179
2028 Jan	31500	50.3	62.1	2.48	20000	0.0588	1440	0.0818	0.00896	0.000346	0.114	0.166	0.883	0.223	0.000263	1040	0.000325	0.00178
2028 Feb	31400	50.1	62	2.47	20000	0.0586	1440	0.0814	0.00892	0.000344	0.113	0.165	0.879	0.222	0.000262	1040	0.000323	0.00178
2028 Mar	31200	49.9	62	2.46	19900	0.0583	1430	0.0811	0.00888	0.000343	0.113	0.165	0.875	0.222	0.000261	1030	0.000322	0.00177
2028 Apr	31100	49.7	61.9	2.45	19800	0.0581	1430	0.0807	0.00884	0.000342	0.112	0.164	0.871	0.221	0.00026	1030	0.00032	0.00176
2028 May	31000	49.5	61.9	2.44	19700	0.0579	1420	0.0805	0.00881	0.00034	0.112	0.163	0.868	0.22	0.000259	1020	0.000319	0.00175
2028 Jun	30700	48.8	61.2	2.41	19500	0.0597	1410	0.0793	0.00869	0.000336	0.11	0.161	0.862	0.218	0.000255	1010	0.000316	0.00175
2028 Jul	31200	47.2	58.8	2.33	19700	0.0596	1470	0.0774	0.00852	0.000338	0.103	0.159	0.861	0.221	0.000239	1020	0.00032	0.00172

Appendix C.2-18: WES02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Aug	31900	45.9	56.9	2.27	20000	0.0572	1530	0.0761	0.00841	0.000341	0.0963	0.157	0.863	0.225	0.000225	1030	0.000326	0.00167
2028 Sep	32300	44.4	54.8	2.2	20100	0.0552	1580	0.0744	0.00826	0.000342	0.0895	0.155	0.86	0.227	0.00021	1030	0.000329	0.00161
2028 Oct	32200	43.1	53.2	2.14	20000	0.0552	1600	0.0727	0.0081	0.000339	0.0849	0.152	0.853	0.226	0.0002	1020	0.000328	0.00157
2028 Nov	32200	42.4	52.5	2.1	19900	0.0554	1600	0.0722	0.00804	0.000338	0.083	0.151	0.85	0.226	0.000196	1020	0.000328	0.00157
2028 Dec	32200	41.7	51.8	2.07	19900	0.0555	1610	0.0717	0.00799	0.000337	0.0812	0.151	0.847	0.226	0.000192	1020	0.000328	0.00157
2029 Jan	32100	41.1	51.1	2.04	19800	0.0556	1610	0.0712	0.00794	0.000336	0.0796	0.15	0.844	0.226	0.000188	1010	0.000327	0.00158
2029 Feb	32100	40.4	50.5	2.01	19800	0.0558	1620	0.0707	0.0079	0.000335	0.0781	0.149	0.842	0.225	0.000185	1010	0.000327	0.00158
2029 Mar	32100	39.8	49.8	1.97	19800	0.0559	1620	0.0703	0.00785	0.000334	0.0767	0.149	0.839	0.225	0.000182	1010	0.000326	0.00158
2029 Apr	32100	39.2	49.2	1.94	19700	0.056	1630	0.0698	0.00781	0.000332	0.0753	0.148	0.837	0.224	0.000179	1010	0.000326	0.00159
2029 May	32000	38.7	48.6	1.92	19700	0.0562	1630	0.0694	0.00777	0.000331	0.074	0.148	0.835	0.224	0.000176	1000	0.000325	0.00159
2029 Jun	32000	38.6	48.6	1.91	19600	0.0572	1630	0.0684	0.00768	0.000329	0.0721	0.146	0.832	0.223	0.000172	999	0.000324	0.0016
2029 Jul	31100	37.7	47.6	1.87	19100	0.061	1600	0.0656	0.00741	0.00032	0.0687	0.141	0.817	0.218	0.000165	971	0.000317	0.00161
2029 Aug	31000	37.4	47.3	1.86	19000	0.0623	1600	0.0646	0.00732	0.000317	0.0671	0.139	0.814	0.216	0.000161	965	0.000315	0.00161
2029 Sep	30900	36.9	46.8	1.84	18900	0.0654	1600	0.0639	0.00725	0.000315	0.0657	0.138	0.815	0.216	0.000158	960	0.000315	0.00163
2029 Oct	30800	36.4	46.3	1.81	18800	0.0682	1600	0.0633	0.00718	0.000313	0.0643	0.137	0.815	0.215	0.000155	955	0.000314	0.00166
2029 Nov	30700	35.8	45.6	1.78	18700	0.0683	1600	0.0629	0.00714	0.000312	0.0631	0.136	0.812	0.215	0.000152	952	0.000313	0.00166
2029 Dec	30700	35.3	45.1	1.75	18700	0.0681	1610	0.0626	0.00711	0.000311	0.062	0.136	0.811	0.214	0.000149	951	0.000313	0.00166
2030 Jan	30700	34.8	44.6	1.72	18700	0.0679	1610	0.0623	0.00708	0.000311	0.0609	0.136	0.809	0.214	0.000147	949	0.000313	0.00166
2030 Feb	30700	34.2	44	1.7	18700	0.0678	1610	0.0621	0.00705	0.00031	0.06	0.136	0.808	0.214	0.000145	948	0.000313	0.00166
2030 Mar	30700	33.8	43.5	1.67	18700	0.0677	1620	0.0618	0.00703	0.000309	0.059	0.135	0.806	0.213	0.000143	947	0.000312	0.00166
2030 Apr	30800	33.3	43	1.65	18600	0.0676	1620	0.0616	0.007	0.000309	0.0581	0.135	0.805	0.213	0.000141	947	0.000312	0.00166
2030 May	30800	32.8	42.6	1.63	18600	0.0675	1630	0.0614	0.00698	0.000308	0.0573	0.135	0.804	0.213	0.000139	946	0.000312	0.00167
2030 Jun	30500	32.6	42.3	1.61	18500	0.0713	1620	0.0601	0.00687	0.000305	0.0558	0.133	0.803	0.212	0.000136	937	0.00031	0.00169
2030 Jul	29900	32.2	41.8	1.6	18100	0.077	1600	0.058	0.00666	0.000298	0.0538	0.129	0.797	0.208	0.000131	916	0.000306	0.00173
2030 Aug	29800	32.1	41.7	1.59	18000	0.0797	1590	0.0571	0.00658	0.000296	0.0526	0.127	0.797	0.208	0.000129	911	0.000305	0.00175
2030 Sep	29800	31.9	41.5	1.58	18000	0.0809	1600	0.0568	0.00656	0.000295	0.0518	0.127	0.799	0.208	0.000127	911	0.000305	0.00176
2030 Oct	29800	31.4	41	1.56	17900	0.0816	1600	0.0564	0.00651	0.000294	0.0508	0.126	0.798	0.207	0.000124	909	0.000305	0.00176
2030 Nov	29800	30.9	40.5	1.53	17900	0.0813	1610	0.0562	0.00649	0.000293	0.0499	0.126	0.796	0.207	0.000122	908	0.000304	0.00176
2030 Dec	29800	30.4	40	1.51	17900	0.0809	1610	0.056	0.00648	0.000293	0.0491	0.126	0.795	0.207	0.000121	907	0.000304	0.00176
2031 Jan	29900	29.9	39.5	1.48	17900	0.0805	1620	0.0559	0.00647	0.000293	0.0482	0.126	0.794	0.206	0.000119	908	0.000304	0.00176
2031 Feb	29900	29.5	38.9	1.46	18000	0.0801	1620	0.0559	0.00646	0.000293	0.0473	0.126	0.793	0.206	0.000117	908	0.000304	0.00177
2031 Mar	30000	29	38.4	1.43	18000	0.0797	1630	0.0559	0.00646	0.000292	0.0464	0.127	0.792	0.206	0.000115	909	0.000304	0.00177
2031 Apr	30100	28.6	38	1.41	18000	0.0794	1640	0.0558	0.00646	0.000292	0.0456	0.127	0.792	0.206	0.000113	910	0.000304	0.00177
2031 May	30100	28.2	37.5	1.39	18000	0.0792	1640	0.0558	0.00646	0.000292	0.0448	0.127	0.792	0.206	0.000111	911	0.000304	0.00178
2031 Jun	29900	27.8	37	1.37	17900	0.0825	1640	0.0549	0.00637	0.000289	0.0436	0.125	0.791	0.204	0.000108	903	0.000303	0.0018
2031 Jul	29900	27.9	37.1	1.38	17900	0.085	1640	0.0541	0.00631	0.000288	0.0426	0.124	0.794	0.205	0.000106	902	0.000303	0.00181
2031 Aug	30000	27.9	37.1	1.38	17900	0.0865	1650	0.0534	0.00627	0.000288	0.0417	0.123	0.795	0.205	0.000104	902	0.000304	0.00182
2031 Sep	29700	27.4	36.7	1.35	17700	0.0935	1640	0.0525	0.00617	0.000284	0.0407	0.122	0.799	0.203	0.000101	892	0.000302	0.00188
2031 Oct	29400	27.1	36.4	1.33	17500	0.1	1630	0.0516	0.00607	0.000279	0.04	0.12	0.801	0.201	0.0000985	880	0.0003	0.00193
2031 Nov	29300	27	36.4	1.33	17400	0.0998	1620	0.0515	0.00605	0.000279	0.0399	0.12	0.799	0.201	0.0000982	878	0.0003	0.00193
2031 Dec	29200	26.9	36.4	1.32	17400	0.0995	1620	0.0514	0.00604	0.000278	0.0398	0.119	0.797	0.2	0.000098	876	0.000299	0.00192
2032 Jan	29100	26.9	36.4	1.32	17300	0.0993	1610	0.0512	0.00602	0.000277	0.0397	0.119	0.795	0.2	0.0000978	874	0.000298	0.00192
2032 Feb	29100	26.8	36.5	1.32	17300	0.0991	1610	0.0511	0.00601	0.000277	0.0396	0.119	0.793	0.199	0.0000975	872	0.000297	0.00191
2032 Mar	29000	26.7	36.5	1.31	17200	0.0988	1610	0.051	0.00599	0.000276	0.0396	0.119	0.791	0.199	0.0000973	870	0.000297	0.00191
2032 Apr	28900	26.7	36.5	1.31	17200	0.0986	1600	0.0509	0.00598	0.000275	0.0395	0.118	0.789	0.198	0.0000971	868	0.000296	0.0019
2032 May	28900	26.6	36.6	1.31	17200	0.0984	1600	0.0508	0.00597	0.000275	0.0394	0.118	0.788	0.198	0.0000969	866	0.000295	0.0019
2032 Jun	28600	26.4	36.4	1.3	17000	0.0992	1590	0.0503	0.00592	0.000272	0.0391	0.117	0.783	0.196	0.0000961	859	0.000293	0.00189
2032 Jul	28200	26	36	1.28	16800	0.101	1560	0.0495	0.00582	0.000268	0.0386	0.115	0.776	0.194	0.0000946	846	0.000289	0.00189
2032 Aug	28000	25.8	35.9	1.27	16700	0.102	1550	0.0492	0.00578	0.000266	0.0384	0.114	0.773	0.192	0.000094	840	0.000288	0.00189
2032 Sep	27800	25.6	35.9	1.26	16500	0.102	1540	0.0487	0.00573	0.000264	0.0381	0.114	0.769	0.191	0.0000932	833	0.000285	0.00188
2032 Oct	27400	25.3	35.9	1.24	16300	0.102	1520	0.048	0.00565	0.00026	0.0376	0.112	0.76	0.188	0.0000919	821	0.000282	0.00186
2032 Nov	27000	24.9	36	1.22	16000	0.101	1500	0.0473	0.00556	0.000256	0.0371	0.11	0.749	0.185	0.0000905	809	0.000278	0.00184
2032 Dec	26600	24.5	36.1	1.21	15800	0.101	1480	0.0466	0.00548	0.000253	0.0366	0.109	0.739	0.182	0.0000892	797	0.000274	0.00182
2033 Jan	26200	24.2	36.2	1.19	15600	0.0992	1460	0.046	0.00541	0.000249	0.0361	0.107	0.73	0.18	0.000088	786	0.00027	0.00179
2033 Feb	25900	23.9	36.4	1.18	15400	0.098	1440	0.0455	0.00534	0.000246	0.0357	0.106	0.721	0.178	0.000087	777	0.000267	0.00177
2033 Mar	25600	23.6	36.5	1.16	15200	0.0969	1420	0.0449	0.00528	0.000243	0.0352	0.105	0.713	0.176	0.000086	768	0.000264	0.00175
2033 Apr	25300	23.4	36.7	1.15	15100	0.0957	1410	0.0444	0.00522	0.000241	0.0348	0.103	0.704	0.174	0.000085	759	0.000261	0.00173
2033 May	24900	23	36.6	1.13	14800	0.0962	1380	0.0436	0.00513	0.000236	0.0343	0.102	0.695	0.171	0.0000835	746	0.000257	0.00171
2033 Jun	23500	21.7	35	1.07	13900	0.106	1310	0.0409	0.00481	0.000222	0.0329	0.0959	0.678	0.161	0.0000788	703	0.000244	0.00172
2033 Jul	10500	9.69	16.3	0.478	6240	0.0653	591	0.0188	0.00264	0.000102	0.0161	0.043	0.312	0.0758	0.0000378	318	0.000113	0.000854
2033 Aug	52.3	0.0334	0.884	0.00264	22.4	0.0293	6.56	0.00096	0.00096	0.00000491	0.0028	0.000322	0.0106	0.00727	0.00000491	7.05	0.00000579	0.000092
2033 Sep	75	0.055	0.926	0.0036	34.5	0.0326	9.48	0.000954	0.000954	0.00000496	0.003	0.000399	0.0166	0.00759	0.00000496	7.78	0.00000656	0.0000907
2033 Oct	99.8	0.0794	1.11	0.00474	47.8	0.036	12.6	0.000936	0.000936	0.00000497	0.00311	0.000486	0.0228	0.00774	0.00000497	8.39	0.00000736	0.000113
2033 Nov	102	0.0818	1.43	0.00499	48.7	0.0361	12.8	0.000929	0.000929	0.00000494	0.0031	0.000491	0.0232	0.0077	0.00000494	8.38	0.00000739	0.000114
2033 Dec	102	0.0819	1.75	0.00515	48.4	0.0358	12.7	0.000922	0.000922	0.00000491	0.00308	0.000487	0.0231	0.00764	0.00000491	8.33	0.00000734	0.000114
2034 Jan	101	0.082	2.06	0.00531	48	0.0356	12.6	0.000916	0.000916	0.00000487	0.00306	0.000484	0.0229	0.00759	0.00000488	8.27	0.00000729	0.000113

Appendix C.2-18: WES02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Feb	101	0.0821	2.36	0.00546	47.7	0.0354	12.5	0.00091	0.00091	0.00000484	0.00304	0.000481	0.0228	0.00754	0.00000484	8.22	0.00000724	0.000112
2034 Mar	101	0.0822	2.66	0.0056	47.4	0.0351	12.4	0.000904	0.000904	0.00000481	0.00302	0.000478	0.0226	0.00749	0.00000481	8.16	0.00000719	0.000111
2034 Apr	101	0.0823	2.96	0.00575	47.1	0.0349	12.4	0.000898	0.000898	0.00000478	0.003	0.000475	0.0225	0.00745	0.00000478	8.11	0.00000715	0.000111
2034 May	103	0.0848	3.26	0.00601	48.1	0.0351	12.6	0.000893	0.000893	0.00000476	0.003	0.000482	0.023	0.00742	0.00000476	8.13	0.0000072	0.000113
2034 Jun	124	0.104	3.27	0.00685	58.8	0.0386	15.6	0.000881	0.000881	0.0000048	0.00311	0.000571	0.029	0.00754	0.0000048	8.69	0.00000801	0.000145
2034 Jul	122	0.103	2.88	0.00659	58.2	0.039	15.7	0.000891	0.000891	0.00000485	0.0031	0.000578	0.029	0.00755	0.00000485	8.72	0.00000809	0.000157
2034 Aug	105	0.0855	2.48	0.00566	49.3	0.0367	13.5	0.000912	0.000912	0.00000488	0.00304	0.000517	0.0246	0.00752	0.00000489	8.35	0.00000756	0.00014
2034 Sep	102	0.0816	2.22	0.00537	47.5	0.0365	13.2	0.000918	0.000918	0.0000049	0.00306	0.000506	0.024	0.00758	0.00000491	8.35	0.00000748	0.000131
2034 Oct	104	0.0835	2.17	0.00543	48.6	0.0368	13.5	0.000916	0.000916	0.0000049	0.00308	0.000515	0.0247	0.00761	0.00000491	8.43	0.00000757	0.000131
2034 Nov	104	0.0838	2.3	0.0055	48.7	0.0368	13.5	0.000913	0.000913	0.00000489	0.00307	0.000515	0.0248	0.00759	0.00000489	8.42	0.00000756	0.000131
2034 Dec	104	0.0838	2.43	0.00557	48.5	0.0367	13.5	0.00091	0.00091	0.00000488	0.00306	0.000514	0.0247	0.00757	0.00000488	8.4	0.00000754	0.000131
2035 Jan	104	0.0839	2.57	0.00563	48.4	0.0366	13.5	0.000908	0.000908	0.00000486	0.00305	0.000512	0.0246	0.00755	0.00000487	8.37	0.00000752	0.00013
2035 Feb	104	0.0839	2.69	0.0057	48.2	0.0365	13.4	0.000905	0.000905	0.00000485	0.00305	0.000511	0.0245	0.00753	0.00000485	8.35	0.0000075	0.00013
2035 Mar	104	0.084	2.82	0.00576	48.1	0.0364	13.4	0.000903	0.000903	0.00000484	0.00304	0.000509	0.0245	0.00751	0.00000484	8.32	0.00000748	0.00013
2035 Apr	104	0.084	2.94	0.00582	48	0.0363	13.4	0.0009	0.0009	0.00000482	0.00303	0.000508	0.0244	0.00749	0.00000483	8.3	0.00000746	0.000129
2035 May	104	0.0844	3.07	0.0059	48.1	0.0363	13.4	0.000899	0.000899	0.00000482	0.00303	0.000508	0.0245	0.00748	0.00000482	8.3	0.00000746	0.000129
2035 Jun	114	0.0935	3.08	0.00629	53	0.0381	15	0.00089	0.00089	0.00000482	0.00308	0.000557	0.0277	0.00752	0.00000483	8.59	0.00000789	0.000146
2035 Jul	112	0.0916	2.9	0.00612	52.1	0.0382	14.9	0.000895	0.000895	0.00000485	0.00307	0.000557	0.0275	0.00753	0.00000485	8.58	0.0000079	0.000151
2035 Aug	107	0.0858	2.67	0.00576	49.2	0.0375	14.2	0.000904	0.000904	0.00000487	0.00306	0.000538	0.0261	0.00753	0.00000487	8.48	0.00000775	0.000146
2035 Sep	110	0.112	2.38	0.00613	49.8	0.0384	15	0.00091	0.000908	0.00000489	0.00328	0.000622	0.0278	0.00828	0.00000493	9.09	0.00000856	0.000157
2035 Oct	112	0.132	2.27	0.00645	50.1	0.0389	15.4	0.000913	0.00091	0.00000489	0.00343	0.000681	0.0288	0.00881	0.00000496	9.51	0.00000913	0.000166
2035 Nov	114	0.135	2.33	0.00658	50.8	0.0391	15.6	0.00091	0.000907	0.00000489	0.00345	0.000692	0.0293	0.00884	0.00000496	9.57	0.00000923	0.000168
2035 Dec	114	0.135	2.41	0.00661	50.7	0.0391	15.6	0.000909	0.000906	0.00000488	0.00344	0.000691	0.0293	0.00883	0.00000495	9.56	0.00000921	0.000168
2036 Jan	113	0.135	2.48	0.00665	50.6	0.039	15.6	0.000907	0.000904	0.00000487	0.00343	0.00069	0.0292	0.00882	0.00000494	9.54	0.0000092	0.000168
2036 Feb	113	0.135	2.55	0.00668	50.6	0.0389	15.6	0.000906	0.000903	0.00000486	0.00343	0.000689	0.0292	0.0088	0.00000493	9.53	0.00000918	0.000167
2036 Mar	113	0.135	2.62	0.00671	50.5	0.0389	15.5	0.000904	0.000901	0.00000485	0.00342	0.000687	0.0292	0.00879	0.00000493	9.51	0.00000917	0.000167
2036 Apr	113	0.135	2.7	0.00675	50.4	0.0388	15.5	0.000903	0.0009	0.00000485	0.00342	0.000687	0.0291	0.00878	0.00000492	9.5	0.00000916	0.000167
2036 May	114	0.135	2.77	0.0068	50.5	0.0388	15.5	0.000902	0.000899	0.00000484	0.00342	0.000687	0.0292	0.00877	0.00000492	9.5	0.00000916	0.000167
2036 Jun	119	0.159	2.68	0.00729	52.5	0.0401	16.6	0.000902	0.000898	0.00000485	0.00359	0.000767	0.0314	0.00932	0.00000496	10	0.00000991	0.000184
2036 Jul	123	0.192	2.43	0.00782	53.3	0.0412	17.4	0.000909	0.000903	0.00000487	0.00383	0.000868	0.0333	0.0102	0.00000503	10.7	0.0000109	0.000204
2036 Aug	121	0.203	2.25	0.00788	51.9	0.0411	17.3	0.000918	0.00091	0.00000489	0.00394	0.0009	0.0332	0.0105	0.00000507	10.9	0.0000112	0.000208
2036 Sep	119	0.202	2.15	0.00773	50.5	0.0408	17	0.000921	0.000914	0.0000049	0.00395	0.000894	0.0326	0.0106	0.00000508	10.9	0.0000112	0.000204
2036 Oct	119	0.209	2.09	0.00785	50.5	0.0411	17.1	0.000922	0.000914	0.0000049	0.004	0.000916	0.0331	0.0108	0.00000509	11.1	0.0000114	0.000207
2036 Nov	120	0.209	2.14	0.00788	50.6	0.0411	17.2	0.000921	0.000913	0.0000049	0.004	0.000918	0.0332	0.0108	0.00000508	11.1	0.0000114	0.000207
2036 Dec	120	0.209	2.18	0.00791	50.6	0.0411	17.2	0.00092	0.000912	0.00000489	0.004	0.000917	0.0332	0.0108	0.00000508	11	0.0000114	0.000207
2037 Jan	120	0.209	2.23	0.00792	50.5	0.041	17.2	0.000919	0.000911	0.00000489	0.004	0.000917	0.0331	0.0107	0.00000507	11	0.0000114	0.000207
2037 Feb	120	0.209	2.27	0.00794	50.5	0.041	17.1	0.000918	0.00091	0.00000488	0.00399	0.000916	0.0331	0.0107	0.00000507	11	0.0000114	0.000207
2037 Mar	120	0.209	2.31	0.00796	50.4	0.0409	17.1	0.000917	0.00091	0.00000488	0.00399	0.000915	0.0331	0.0107	0.00000506	11	0.0000114	0.000207
2037 Apr	120	0.209	2.35	0.00798	50.4	0.0409	17.1	0.000917	0.000909	0.00000487	0.00399	0.000914	0.033	0.0107	0.00000506	11	0.0000114	0.000206
2037 May	120	0.21	2.4	0.00802	50.6	0.041	17.2	0.000916	0.000908	0.00000487	0.00399	0.000917	0.0332	0.0107	0.00000506	11	0.0000114	0.000207
2037 Jun	124	0.222	2.35	0.00829	51.9	0.0418	17.9	0.000913	0.000905	0.00000487	0.00408	0.000961	0.0348	0.011	0.00000507	11.3	0.0000118	0.000217
2037 Jul	125	0.236	2.23	0.0085	51.8	0.0422	18.2	0.000918	0.000909	0.00000489	0.0042	0.00101	0.0355	0.0114	0.00000511	11.6	0.0000123	0.000226
2037 Aug	124	0.243	2.12	0.00852	51	0.0423	18.1	0.000923	0.000914	0.0000049	0.00426	0.00103	0.0354	0.0117	0.00000514	11.8	0.0000125	0.000229
2037 Sep	121	0.237	2.06	0.00833	49.8	0.0419	17.7	0.000926	0.000917	0.00000491	0.00424	0.00101	0.0346	0.0116	0.00000514	11.7	0.0000123	0.000224
2037 Oct	120	0.238	2.04	0.00831	49.4	0.0418	17.7	0.000926	0.000917	0.0000049	0.00425	0.00101	0.0346	0.0117	0.00000514	11.7	0.0000124	0.000223
2037 Nov	121	0.238	2.07	0.00833	49.4	0.0418	17.7	0.000926	0.000917	0.0000049	0.00425	0.00101	0.0346	0.0117	0.00000514	11.7	0.0000124	0.000223
2037 Dec	120	0.238	2.1	0.00834	49.4	0.0418	17.7	0.000925	0.000916	0.0000049	0.00424	0.00101	0.0346	0.0117	0.00000513	11.7	0.0000123	0.000223
2038 Jan	120	0.238	2.13	0.00836	49.3	0.0417	17.7	0.000924	0.000915	0.00000489	0.00424	0.00101	0.0345	0.0116	0.00000513	11.7	0.0000123	0.000223
2038 Feb	120	0.238	2.16	0.00837	49.3	0.0417	17.7	0.000924	0.000915	0.00000489	0.00424	0.00101	0.0345	0.0116	0.00000513	11.7	0.0000123	0.000223
2038 Mar	120	0.237	2.19	0.00838	49.3	0.0417	17.6	0.000923	0.000914	0.00000489	0.00423	0.00101	0.0345	0.0116	0.00000512	11.7	0.0000123	0.000222
2038 Apr	120	0.237	2.22	0.0084	49.2	0.0416	17.6	0.000923	0.000914	0.00000488	0.00423	0.00101	0.0345	0.0116	0.00000512	11.7	0.0000123	0.000222
2038 May	121	0.238	2.25	0.00842	49.3	0.0417	17.7	0.000922	0.000913	0.00000488	0.00423	0.00101	0.0345	0.0116	0.00000512	11.7	0.0000123	0.000222
2038 Jun	122	0.244	2.23	0.00854	49.7	0.042	18	0.000921	0.000912	0.00000488	0.00428	0.00103	0.0352	0.0118	0.00000513	11.8	0.0000126	0.000228
2038 Jul	122	0.251	2.15	0.00863	49.5	0.0422	18.1	0.000925	0.000916	0.0000049	0.00435	0.00106	0.0355	0.0121	0.00000515	12.1	0.0000128	0.000233
2038 Aug	120	0.247	2.1	0.00848	48.5	0.0419	17.8	0.000929	0.00092	0.00000491	0.00434	0.00105	0.0348	0.0121	0.00000516	12	0.0000127	0.00023
2038 Sep	118	0.243	2.07	0.00836	47.7	0.0417	17.5	0.000931	0.000921	0.00000491	0.00432	0.00103	0.0343	0.012	0.00000516	11.9	0.0000126	0.000227
2038 Oct	119	0.245	2.09	0.0084	47.8	0.0417	17.6	0.00093	0.000921	0.00000491	0.00433	0.00104	0.0344	0.0121	0.00000516	12	0.0000126	0.000228
2038 Nov	119	0.245	2.11	0.00841	47.8	0.0417	17.6	0.00093	0.00092	0.00000491	0.00433	0.00104	0.0344	0.0121	0.00000516	12	0.0000126	0.000228
2038 Dec	119	0.245	2.14	0.00842	47.7	0.0417	17.5	0.000929	0.00092	0.0000049	0.00433	0.00104	0.0344	0.0121	0.00000516	12	0.0000126	0.000227

Appendix C.2-18: WES02

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000000793	0.00000683	0.0000196	4.79E-08	0.0206	0.0348	0.000243	0.00000599	0.717	0.0000353	0.00000757	0.00000003	0.00000418	0.00000175	0.000818	1.28E-09	0.00000624	0.00000199	0.00000318	0.0000106
Operation (2024-2031): Mean	0.00699	0.00348	0.213	0.0000152	270	138	0.221	0.072	8470	0.035	0.472	0.00112	0.0152	0.00707	24.1	0.0137	0.00183	0.0239	0.0574	0.166
Operation (2024-2031): Max	0.00897	0.00468	0.395	0.0000212	316	215	0.271	0.0956	9820	0.0398	1.44	0.0022	0.0174	0.0096	28.7	0.0292	0.00265	0.0427	0.0641	0.202
Active Closure (2032-2038): Min	0.0000826	0.0008	0.0113	0.00000117	1.04	1.42	0.0054	0.00014	10.4	0.000868	0.11	0.0000292	0.0000685	0.000059	0.0367	0.00000182	0.0000875	0.0000828	0.000805	0.000125
Active Closure (2032-2038): Mean	0.00132	0.00141	0.0413	0.00000536	53.5	22.2	0.0689	0.0131	1650	0.00858	0.375	0.000151	0.00314	0.00134	4.62	0.000974	0.000788	0.00285	0.0119	0.0312
Active Closure (2032-2038): Max	0.00598	0.00315	0.112	0.0000144	255	98.2	0.269	0.0628	8000	0.0345	1.12	0.000499	0.0145	0.00608	22.3	0.00476	0.00264	0.0132	0.0545	0.151
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2038)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May	0.000000793	0.00000683	0.0000196	4.79E-08	0.0206	0.0348	0.000243	0.00000599	0.717	0.0000353	0.00000757	0.00000003	0.00000418	0.00000175	0.000818	1.28E-09	0.00000624	0.00000199	0.00000318	0.0000106
2026 Jun	0.0011	0.00191	0.0466	0.0000122	36.9	30	0.0702	0.0112	1160	0.0114	0.00673	0.000244	0.00266	0.00137	3.13	0.00316	0.00152	0.00497	0.00723	0.0231
2026 Jul	0.00754	0.00415	0.34	0.0000194	264	184	0.167	0.0805	8180	0.0341	0.0418	0.0019	0.0146	0.00813	23.9	0.0252	0.00195	0.0365	0.0532	0.169
2026 Aug	0.00868	0.00462	0.386	0.0000212	305	210	0.188	0.0926	9460	0.0387	0.0482	0.00216	0.0168	0.00932	27.7	0.0286	0.00211	0.0417	0.0617	0.195
2026 Sep	0.00897	0.00468	0.395	0.0000212	316	215	0.192	0.0956	9820	0.0398	0.0499	0.0022	0.0174	0.0096	28.7	0.0292	0.0021	0.0427	0.0641	0.202
2026 Oct	0.00868	0.00461	0.38	0.0000211	306	208	0.19	0.0924	9510	0.039	0.166	0.00212	0.0169	0.00929	27.7	0.0281	0.00212	0.0411	0.0621	0.196
2026 Nov	0.00835	0.00444	0.365	0.0000203	295	200	0.183	0.0889	9150	0.0375	0.391	0.00204	0.0163	0.00893	26.7	0.027	0.00204	0.0395	0.0597	0.188
2026 Dec	0.00804	0.00427	0.352	0.0000196	284	193	0.176	0.0856	8810	0.0361	0.6	0.00196	0.0157	0.0086	25.7	0.026	0.00196	0.0381	0.0575	0.181
2027 Jan	0.00774	0.00412	0.339	0.0000189	273	186	0.169	0.0825	8490	0.0348	0.796	0.00189	0.0151	0.00829	24.8	0.0251	0.00189	0.0367	0.0554	0.175
2027 Feb	0.00749	0.00398	0.328	0.0000182	264	179	0.164	0.0797	8200	0.0336	0.97	0.00183	0.0146	0.00801	23.9	0.0242	0.00183	0.0355	0.0536	0.169
2027 Mar	0.00724	0.00385	0.317	0.0000176	256	174	0.158	0.0771	7940	0.0325	1.13	0.00177	0.0141	0.00775	23.2	0.0235	0.00177	0.0343	0.0519	0.163
2027 Apr	0.00701	0.00373	0.307	0.0000171	247	168	0.153	0.0747	7680	0.0315	1.29	0.00171	0.0137	0.00751	22.4	0.0227	0.00171	0.0332	0.0502	0.158
2027 May	0.0068	0.00362	0.298	0.0000166	240	163	0.149	0.0724	7450	0.0306	1.44	0.00166	0.0133	0.00728	21.8	0.022	0.00166	0.0322	0.0487	0.153
2027 Jun	0.00635	0.00375	0.272	0.0000181	225	152	0.157	0.0672	6990	0.0307	1.35	0.00151	0.0126	0.00682	20.3	0.02	0.00193	0.0295	0.0457	0.143
2027 Jul	0.00752	0.00398	0.288	0.000018	274	167	0.202	0.078	8530	0.0358	0.679	0.00158	0.0154	0.00779	24.7	0.0206	0.00197	0.0317	0.057	0.172
2027 Aug	0.00802	0.00398	0.296	0.0000174	295	174	0.211	0.0826	9200	0.0375	0.45	0.00162	0.0165	0.00819	26.6	0.0209	0.00183	0.0327	0.0619	0.185
2027 Sep	0.00816	0.00395	0.295	0.0000171	301	174	0.213	0.0836	9410	0.038	0.358	0.0016	0.0169	0.00827	27.1	0.0206	0.00175	0.0326	0.0635	0.189
2027 Oct	0.00817	0.00393	0.292	0.0000169	302	173	0.214	0.0835	9440	0.0381	0.343	0.00159	0.0169	0.00825	27.2	0.0204	0.00173	0.0323	0.0638	0.189
2027 Nov	0.00813	0.00392	0.291	0.0000169	301	172	0.213	0.0831	9390	0.0379	0.368	0.00158	0.0168	0.00821	27	0.0203	0.00172	0.0321	0.0635	0.188
2027 Dec	0.00809	0.0039	0.289	0.0000168	299	172	0.212	0.0827	9350	0.0378	0.393	0.00157	0.0168	0.00817	26.9	0.0202	0.00171	0.032	0.0632	0.187
2028 Jan	0.00805	0.00388	0.288	0.0000167	298	171	0.211	0.0823	9310	0.0376	0.418	0.00156	0.0167	0.00814	26.8	0.0201	0.00171	0.0319	0.0629	0.187
2028 Feb	0.00802	0.00386	0.287	0.0000166	296	170	0.21	0.0819	9270	0.0374	0.443	0.00156	0.0166	0.0081	26.7	0.02	0.0017	0.0317	0.0626	0.186
2028 Mar	0.00798	0.00385	0.285	0.0000166	295	169	0.209	0.0816	9230	0.0373	0.467	0.00155	0.0165	0.00807	26.6	0.0199	0.00169	0.0316	0.0623	0.185
2028 Apr	0.00795	0.00383	0.284	0.0000165	294	169	0.208	0.0813	9190	0.0371	0.491	0.00154	0.0165	0.00803	26.4	0.0198	0.00168	0.0315	0.0621	0.184
2028 May	0.00792	0.00382	0.283	0.0000164	293	168	0.207	0.081	9160	0.037	0.515	0.00154	0.0164	0.008	26.4	0.0197	0.00168	0.0313	0.0619	0.183
2028 Jun	0.00782	0.00381	0.279	0.0000165	290	166	0.207	0.0799	9050	0.0368	0.527	0.00151	0.0162	0.00791	26	0.0194	0.0017	0.0308	0.0612	0.181
2028 Jul	0.00777	0.00374	0.262	0.0000162	291	160	0.215	0.0789	9120	0.0371	0.462	0.00141	0.0164	0.00778	26.1	0.0179	0.00166	0.0292	0.0619	0.181

Appendix C.2-18: WES02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Aug	0.00777	0.00366	0.248	0.0000157	295	155	0.221	0.0785	9250	0.0374	0.403	0.00132	0.0166	0.00771	26.4	0.0165	0.00159	0.0277	0.0632	0.183
2028 Sep	0.00771	0.00357	0.232	0.0000152	296	149	0.224	0.0776	9300	0.0374	0.354	0.00122	0.0167	0.00759	26.5	0.0151	0.00152	0.0262	0.0638	0.183
2028 Oct	0.00761	0.00352	0.221	0.000015	294	145	0.224	0.0764	9250	0.0373	0.34	0.00115	0.0166	0.00747	26.3	0.0142	0.0015	0.0251	0.0636	0.181
2028 Nov	0.00757	0.00349	0.217	0.0000148	293	143	0.226	0.076	9220	0.0372	0.35	0.00113	0.0166	0.00742	26.2	0.0138	0.0015	0.0246	0.0634	0.181
2028 Dec	0.00752	0.00347	0.213	0.0000147	292	141	0.229	0.0756	9200	0.0371	0.36	0.0011	0.0165	0.00738	26.1	0.0134	0.00149	0.0242	0.0633	0.18
2029 Jan	0.00748	0.00344	0.209	0.0000146	291	140	0.231	0.0753	9180	0.037	0.37	0.00108	0.0165	0.00734	26	0.0131	0.00149	0.0238	0.0632	0.179
2029 Feb	0.00744	0.00342	0.205	0.0000145	291	138	0.232	0.075	9150	0.037	0.379	0.00106	0.0164	0.00731	25.9	0.0128	0.00149	0.0234	0.0631	0.179
2029 Mar	0.00741	0.0034	0.202	0.0000143	290	137	0.234	0.0747	9130	0.0369	0.388	0.00104	0.0164	0.00728	25.9	0.0125	0.00148	0.023	0.0629	0.178
2029 Apr	0.00737	0.00338	0.199	0.0000142	289	136	0.236	0.0745	9120	0.0368	0.396	0.00102	0.0164	0.00725	25.8	0.0122	0.00148	0.0227	0.0628	0.178
2029 May	0.00734	0.00336	0.196	0.0000141	289	135	0.238	0.0742	9100	0.0367	0.404	0.000999	0.0163	0.00722	25.7	0.0119	0.00148	0.0224	0.0627	0.177
2029 Jun	0.00728	0.00335	0.191	0.0000141	287	133	0.24	0.0735	9060	0.0367	0.408	0.000972	0.0162	0.00715	25.6	0.0115	0.00149	0.0219	0.0624	0.176
2029 Jul	0.00707	0.00334	0.183	0.0000143	279	128	0.238	0.0712	8810	0.0362	0.402	0.000926	0.0158	0.00692	24.9	0.0109	0.00159	0.021	0.0607	0.171
2029 Aug	0.00701	0.00334	0.179	0.0000143	278	126	0.237	0.0706	8760	0.0361	0.405	0.000902	0.0157	0.00685	24.7	0.0105	0.00161	0.0206	0.0604	0.17
2029 Sep	0.00695	0.00334	0.176	0.0000143	277	125	0.239	0.0701	8710	0.0361	0.409	0.000881	0.0157	0.00681	24.6	0.0102	0.0017	0.0202	0.0601	0.169
2029 Oct	0.0069	0.00334	0.172	0.0000143	275	123	0.241	0.0697	8670	0.036	0.415	0.000859	0.0156	0.00677	24.4	0.00994	0.00178	0.0198	0.0598	0.168
2029 Nov	0.00686	0.00332	0.169	0.0000142	275	122	0.243	0.0695	8650	0.0359	0.422	0.000842	0.0156	0.00674	24.3	0.00968	0.00177	0.0195	0.0596	0.167
2029 Dec	0.00684	0.0033	0.167	0.0000141	274	121	0.244	0.0693	8640	0.0359	0.43	0.000826	0.0156	0.00673	24.3	0.00946	0.00176	0.0192	0.0595	0.167
2030 Jan	0.00681	0.00328	0.164	0.000014	274	120	0.246	0.0692	8630	0.0358	0.437	0.000811	0.0155	0.00671	24.3	0.00924	0.00175	0.019	0.0595	0.166
2030 Feb	0.00679	0.00326	0.162	0.0000139	274	119	0.247	0.0691	8620	0.0357	0.444	0.000797	0.0155	0.00669	24.3	0.00905	0.00175	0.0187	0.0594	0.166
2030 Mar	0.00677	0.00324	0.16	0.0000138	273	119	0.248	0.069	8620	0.0357	0.45	0.000784	0.0155	0.00668	24.2	0.00886	0.00174	0.0185	0.0593	0.166
2030 Apr	0.00674	0.00322	0.158	0.0000137	273	118	0.25	0.0689	8610	0.0356	0.457	0.000771	0.0155	0.00667	24.2	0.00867	0.00173	0.0183	0.0593	0.166
2030 May	0.00673	0.00321	0.156	0.0000137	273	117	0.251	0.0688	8610	0.0356	0.463	0.000759	0.0154	0.00666	24.2	0.0085	0.00172	0.0181	0.0593	0.165
2030 Jun	0.00665	0.00321	0.152	0.0000137	270	115	0.252	0.068	8530	0.0354	0.461	0.000737	0.0153	0.00658	23.9	0.00818	0.00184	0.0176	0.0587	0.164
2030 Jul	0.0065	0.00322	0.147	0.0000139	265	112	0.251	0.0664	8350	0.0351	0.453	0.000707	0.0151	0.00642	23.4	0.00776	0.00202	0.017	0.0575	0.16
2030 Aug	0.00645	0.00323	0.144	0.000014	264	111	0.251	0.0658	8300	0.0351	0.453	0.000689	0.015	0.00637	23.3	0.0075	0.0021	0.0167	0.0571	0.159
2030 Sep	0.00644	0.00323	0.142	0.000014	264	110	0.253	0.0658	8310	0.0352	0.457	0.000677	0.015	0.00636	23.3	0.00733	0.00213	0.0165	0.0572	0.159
2030 Oct	0.00641	0.00322	0.139	0.000014	263	109	0.254	0.0655	8290	0.0351	0.462	0.000662	0.015	0.00634	23.2	0.00712	0.00215	0.0163	0.057	0.158
2030 Nov	0.00639	0.0032	0.137	0.0000139	263	108	0.255	0.0654	8280	0.035	0.469	0.00065	0.015	0.00633	23.2	0.00694	0.00213	0.016	0.0569	0.158
2030 Dec	0.00637	0.00318	0.135	0.0000138	263	108	0.257	0.0654	8280	0.035	0.475	0.000638	0.0149	0.00632	23.2	0.00678	0.00211	0.0158	0.0569	0.158
2031 Jan	0.00635	0.00316	0.133	0.0000137	263	107	0.258	0.0654	8280	0.0349	0.48	0.000626	0.0149	0.00632	23.2	0.0066	0.00209	0.0156	0.0569	0.158
2031 Feb	0.00633	0.00315	0.131	0.0000136	263	106	0.26	0.0655	8290	0.0349	0.482	0.000612	0.0149	0.00632	23.2	0.00641	0.00208	0.0154	0.0569	0.158
2031 Mar	0.00632	0.00313	0.129	0.0000135	263	106	0.262	0.0655	8300	0.0348	0.485	0.0006	0.0149	0.00632	23.2	0.00623	0.00206	0.0152	0.0569	0.158
2031 Apr	0.0063	0.00311	0.127	0.0000134	264	105	0.264	0.0656	8310	0.0348	0.487	0.000588	0.0149	0.00633	23.2	0.00605	0.00204	0.015	0.0569	0.158
2031 May	0.00629	0.0031	0.125	0.0000133	264	105	0.266	0.0657	8320	0.0348	0.49	0.000577	0.0149	0.00633	23.3	0.00589	0.00203	0.0148	0.0569	0.158
2031 Jun	0.00622	0.0031	0.123	0.0000135	262	103	0.267	0.0651	8250	0.0347	0.484	0.00056	0.0148	0.00627	23	0.00563	0.00213	0.0144	0.0564	0.157
2031 Jul	0.0062	0.00311	0.12	0.0000135	262	102	0.268	0.0648	8250	0.0347	0.479	0.000547	0.0148	0.00625	23	0.0054	0.00221	0.0142	0.0564	0.156
2031 Aug	0.00618	0.00311	0.118	0.0000136	262	101	0.269	0.0646	8250	0.0348	0.475	0.000533	0.0148	0.00623	23	0.0052	0.00225	0.0139	0.0564	0.156
2031 Sep	0.00611	0.00314	0.115	0.0000137	259	100	0.271	0.064	8170	0.0348	0.469	0.000515	0.0147	0.00618	22.8	0.00495	0.00246	0.0136	0.0557	0.154
2031 Oct	0.00602	0.00317	0.113	0.0000138	257	98.9	0.271	0.0633	8060	0.0347	0.469	0.000503	0.0146	0.00612	22.5	0.0048	0.00265	0.0133	0.055	0.152
2031 Nov	0.00601	0.00316	0.113	0.0000138	256	98.7	0.271	0.0631	8040	0.0347	0.482	0.000501	0.0146	0.00611	22.4	0.00479	0.00264	0.0133	0.0548	0.152
2031 Dec	0.00599	0.00315	0.112	0.0000137	255	98.4	0.27	0.063	8020	0.0346	0.496	0.0005	0.0145	0.00609	22.4	0.00477	0.00264	0.0133	0.0547	0.152
2032 Jan	0.00598	0.00315	0.112	0.0000137	255	98.2	0.269	0.0628	8000	0.0345	0.509	0.000499	0.0145	0.00608	22.3	0.00476	0.00263	0.0132	0.0545	0.151
2032 Feb	0.00597	0.00314	0.112	0.0000137	254	98	0.269	0.0627	7980	0.0344	0.522	0.000498	0.0145	0.00606	22.3	0.00475	0.00262	0.0132	0.0544	0.151
2032 Mar	0.00595	0.00313	0.112	0.0000136	253	97.7	0.268	0.0625	7960	0.0343	0.535	0.000497	0.0144	0.00605	22.2	0.00474	0.00262	0.0132	0.0543	0.15
2032 Apr	0.00594	0.00312	0.111	0.0000136	253	97.5	0.267	0.0624	7950	0.0343	0.548	0.000495	0.0144	0.00604	22.1	0.00473	0.00261	0.0131	0.0542	0.15
2032 May	0.00593	0.00312	0.111	0.0000136	252	97.3	0.267	0.0623	7930	0.0342	0.562	0.000495	0.0144	0.00603	22.1	0.00472	0.00261	0.0131	0.0541	0.15
2032 Jun	0.00588	0.00312	0.11	0.0000137	250	96.6	0.266	0.0617	7860	0.0341	0.571	0.00049	0.0143	0.00598	21.9	0.00468	0.00261	0.013	0.0536	0.149
2032 Jul	0.00579	0.00313	0.109	0.0000139	247	95.4	0.264	0.0608	7740	0.0338	0.578	0.000483	0.0141	0.0059	21.6	0.0046	0.00263	0.0128	0.0528	0.146
2032 Aug	0.00575	0.00314	0.108	0.000014	245	94.8	0.263	0.0604	7690	0.0337	0.596	0.000479	0.014	0.00586	21.4	0.00457	0.00263	0.0127	0.0524	0.145
2032 Sep	0.00571	0.00314	0.107	0.0000141	243	94.2	0.261	0.0599	7630	0.0336	0.626	0.000475	0.0139	0.00582	21.2	0.00453	0.00264	0.0126	0.052	0.144
2032 Oct	0.00563	0.00312	0.106	0.000014	239	92.9	0.259	0.059	7520	0.0332	0.685	0.000469	0.0137	0.00574	20.9	0.00447	0.00262	0.0125	0.0512	0.142
2032 Nov	0.00554	0.00309	0.104	0.0000139	236	91.6	0.255	0.0582	7410	0.0328	0.753	0.000462	0.0135	0.00566	20.6	0.0044	0.00259	0.0123	0.0505	0.14
2032 Dec	0.00546	0.00305	0.103	0.0000138	232	90.3	0.252	0.0573	7300	0.0324	0.818	0.000455	0.0133	0.00558	20.3	0.00433	0.00256	0.0121	0.0497	0.138
2033 Jan	0.00539	0.00301	0.101	0.0000136	229	89.1	0.249	0.0566	7200	0.032	0.884	0.000449	0.0131	0.00551	20.1	0.00428	0.00253	0.0119	0.0491	0.136
2033 Feb	0.00533	0.00298	0.1	0.0000134	227	88.1	0.246	0.0559	7120	0.0316	0.946	0.000444	0.013	0.00544	19.8	0.00423	0.0025	0.0118	0.0485	0.134
2033 Mar	0.00526	0.00294	0.0989	0.0000133	224	87	0.243	0.0552	7030	0.0312	1.01	0.000438	0.0128	0.00538	19.6	0.00418	0.00247	0.0117	0.0479	0.133
2033 Apr	0.0052	0.00291	0.0977	0.0000131	221	86	0.24	0.0546	6950	0.0308	1.07	0.000433	0.0127	0.00531	19.3	0.00413	0.00244	0.0115	0.0473	0.131
2033 May	0.00512	0.0029	0.0962	0.0000132	218	84.7	0.237	0.0537	6830	0.0305	1.12	0.000426	0.0125	0.00523	19	0.00406	0.00244	0.0113	0.0466	0.129
2033 Jun	0.00484	0.00301	0.0911	0.0000144	205	81	0.233	0.0506	6440	0.0301	1.12	0.000401	0.0119	0.00499	17.9	0.00381	0.00255	0.0107	0.0438	0.122
2033 Jul	0.0022	0.00184	0.048	0.00000747	92.1	37.1	0.109	0.0227	2880	0.0142	0.584	0.000204	0.00537	0.00227	8	0.0017	0.00124	0.00484	0.02	0.0544
2033 Aug	0.0000826	0.0008	0.0127	0.00000117	1.04	1.42	0.0054	0.00014	10.4	0.000868	0.11	0.0000337	0.0000685	0.000059	0.0367	0.00000193	0.0000875	0.0000828	0.000805	0.000125
2033 Sep	0.0001	0.00084	0.0119	0.00000156	1.27	1.78	0.00762	0.000197	15.6	0.00115	0.112	0.0000292	0.000108	0.0000752	0.046	0.00000193	0.000146	0.0000955	0.000831	0.000226
2033 Oct	0.000109	0.000904	0.0118	0.00000204	1.49	2.14	0.0101	0.00026	21.4	0.00151	0.131	0.0000316	0.000152	0.0000931	0.0546	0.00000191	0.000212	0.000115	0.00085	0.000339
2033 Nov	0.000109	0.000904	0.0117	0.00000207	1.5	2.16	0.0103	0.000264	21.7	0.00154	0.171	0.0000313	0.000155	0.0000941	0.055	0.0000019	0.000217	0.000116	0.000847	0.000347
2033 Dec	0.000108	0.000898	0.0116	0.00000206	1.49	2.14	0.0102	0.000262	21.6	0.00153	0.211	0.0000311	0.000154	0.0000935	0.0546	0.00000189	0.000215	0.000115	0.000841	0.000345
2034 Jan	0.000107	0.000891	0.0115	0.00000205	1.48	2.13	0.0101	0.00026	21.4	0.00152	0.251	0.0000309	0.000153	0.0000928	0.0542	0.00000187	0.000214	0.000114	0.000835	0.000343

Appendix C.2-18: WES02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Feb	0.000107	0.000886	0.0115	0.00000203	1.47	2.11	0.01	0.000259	21.3	0.00151	0.288	0.0000307	0.000152	0.0000922	0.0539	0.00000186	0.000212	0.000113	0.00083	0.00034
2034 Mar	0.000106	0.00088	0.0114	0.00000202	1.46	2.1	0.00998	0.000257	21.2	0.0015	0.325	0.0000305	0.000151	0.0000916	0.0535	0.00000185	0.000211	0.000113	0.000824	0.000338
2034 Apr	0.000105	0.000874	0.0113	0.00000201	1.45	2.09	0.00992	0.000255	21	0.00149	0.363	0.0000303	0.00015	0.000091	0.0532	0.00000184	0.00021	0.000112	0.000819	0.000336
2034 May	0.000105	0.000877	0.0113	0.00000205	1.46	2.11	0.0101	0.000261	21.5	0.00152	0.4	0.0000302	0.000154	0.0000925	0.0538	0.00000183	0.000216	0.000114	0.000818	0.000346
2034 Jun	0.00011	0.000944	0.0115	0.00000255	1.66	2.45	0.0126	0.000322	26.1	0.00189	0.399	0.0000313	0.000197	0.00011	0.0616	0.00000182	0.00028	0.000135	0.000841	0.000457
2034 Jul	0.000107	0.000965	0.0121	0.0000026	1.66	2.46	0.0128	0.000324	25.8	0.00193	0.35	0.0000346	0.000199	0.000111	0.0614	0.00000184	0.000282	0.000138	0.00085	0.00046
2034 Aug	0.000102	0.000927	0.0122	0.00000225	1.52	2.22	0.011	0.00028	22	0.00167	0.303	0.0000341	0.000167	0.0000986	0.0556	0.00000187	0.000235	0.000125	0.000843	0.000379
2034 Sep	0.000104	0.000916	0.012	0.00000218	1.51	2.19	0.0107	0.000273	21.2	0.00162	0.27	0.0000327	0.000162	0.0000967	0.0552	0.00000188	0.000228	0.000121	0.000844	0.000366
2034 Oct	0.000106	0.000924	0.0119	0.00000223	1.54	2.23	0.0109	0.00028	21.7	0.00165	0.264	0.0000334	0.000167	0.0000987	0.0564	0.00000188	0.000235	0.000123	0.000846	0.000379
2034 Nov	0.000106	0.000922	0.0119	0.00000223	1.53	2.23	0.011	0.00028	21.7	0.00165	0.281	0.0000333	0.000167	0.0000987	0.0563	0.00000187	0.000235	0.000123	0.000844	0.000379
2034 Dec	0.000105	0.000919	0.0119	0.00000223	1.53	2.22	0.0109	0.000279	21.6	0.00165	0.297	0.0000332	0.000167	0.0000984	0.0562	0.00000187	0.000235	0.000123	0.000841	0.000378
2035 Jan	0.000105	0.000917	0.0118	0.00000222	1.53	2.22	0.0109	0.000279	21.6	0.00164	0.314	0.0000331	0.000166	0.0000981	0.056	0.00000186	0.000234	0.000122	0.000839	0.000377
2035 Feb	0.000105	0.000914	0.0118	0.00000221	1.52	2.21	0.0109	0.000278	21.5	0.00164	0.329	0.000033	0.000166	0.0000979	0.0558	0.00000186	0.000233	0.000122	0.000837	0.000376
2035 Mar	0.000105	0.000912	0.0118	0.00000221	1.52	2.21	0.0108	0.000277	21.5	0.00163	0.345	0.0000329	0.000165	0.0000976	0.0557	0.00000185	0.000233	0.000121	0.000834	0.000375
2035 Apr	0.000104	0.000909	0.0117	0.0000022	1.51	2.2	0.0108	0.000276	21.4	0.00163	0.361	0.0000328	0.000165	0.0000974	0.0555	0.00000185	0.000232	0.000121	0.000832	0.000374
2035 May	0.000104	0.000909	0.0117	0.00000221	1.51	2.2	0.0108	0.000277	21.4	0.00163	0.377	0.0000328	0.000165	0.0000975	0.0556	0.00000184	0.000233	0.000121	0.000831	0.000375
2035 Jun	0.000107	0.000943	0.0118	0.00000248	1.62	2.39	0.0122	0.00031	23.6	0.00183	0.376	0.0000331	0.000189	0.000107	0.0598	0.00000183	0.000268	0.000132	0.000842	0.000435
2035 Jul	0.000105	0.00095	0.012	0.00000248	1.61	2.38	0.0121	0.000309	23.2	0.00184	0.354	0.0000346	0.000188	0.000107	0.0594	0.00000184	0.000267	0.000134	0.000845	0.000433
2035 Aug	0.000104	0.000939	0.0121	0.00000238	1.57	2.3	0.0116	0.000295	21.9	0.00176	0.326	0.0000343	0.000178	0.000103	0.0577	0.00000186	0.000252	0.00013	0.000845	0.000408
2035 Sep	0.000113	0.000946	0.0163	0.00000265	1.68	2.44	0.0136	0.000315	22.8	0.00179	0.285	0.0000444	0.000193	0.000107	0.0658	0.00000191	0.000269	0.000151	0.000888	0.000408
2035 Oct	0.000119	0.000951	0.0194	0.00000284	1.75	2.53	0.0151	0.000328	23.3	0.0018	0.267	0.0000528	0.000203	0.00011	0.0715	0.00000195	0.00028	0.000167	0.000917	0.000405
2035 Nov	0.00012	0.000954	0.0195	0.00000289	1.77	2.56	0.0153	0.000333	23.7	0.00183	0.275	0.0000532	0.000207	0.000112	0.0725	0.00000195	0.000286	0.000169	0.000919	0.000413
2035 Dec	0.000119	0.000953	0.0195	0.00000288	1.77	2.56	0.0153	0.000333	23.6	0.00183	0.284	0.0000531	0.000206	0.000111	0.0724	0.00000194	0.000285	0.000169	0.000917	0.000413
2036 Jan	0.000119	0.000951	0.0195	0.00000288	1.77	2.55	0.0153	0.000332	23.6	0.00183	0.293	0.000053	0.000206	0.000111	0.0723	0.00000194	0.000285	0.000169	0.000916	0.000412
2036 Feb	0.000119	0.00095	0.0194	0.00000287	1.77	2.55	0.0153	0.000332	23.6	0.00182	0.302	0.0000529	0.000206	0.000111	0.0722	0.00000194	0.000284	0.000168	0.000914	0.000411
2036 Mar	0.000119	0.000948	0.0194	0.00000287	1.76	2.55	0.0152	0.000331	23.5	0.00182	0.311	0.0000529	0.000205	0.000111	0.072	0.00000194	0.000284	0.000168	0.000913	0.000411
2036 Apr	0.000119	0.000947	0.0194	0.00000287	1.76	2.54	0.0152	0.000331	23.5	0.00182	0.32	0.0000528	0.000205	0.000111	0.072	0.00000193	0.000284	0.000168	0.000912	0.00041
2036 May	0.000119	0.000947	0.0194	0.00000287	1.76	2.54	0.0152	0.000331	23.5	0.00182	0.33	0.0000527	0.000205	0.000111	0.072	0.00000193	0.000284	0.000168	0.000911	0.000411
2036 Jun	0.000125	0.000965	0.0226	0.00000316	1.87	2.7	0.0172	0.000357	24.8	0.00191	0.314	0.0000609	0.000224	0.000117	0.0794	0.00000197	0.000309	0.000188	0.000945	0.00043
2036 Jul	0.000132	0.000979	0.0276	0.00000349	2	2.86	0.0195	0.000381	25.9	0.00196	0.277	0.0000737	0.000242	0.000123	0.0888	0.00000203	0.00033	0.000214	0.000995	0.00043
2036 Aug	0.000135	0.000976	0.03	0.00000357	2.02	2.87	0.0201	0.000382	25.6	0.00192	0.252	0.000079	0.000243	0.000122	0.0918	0.00000206	0.000329	0.000223	0.00102	0.000411
2036 Sep	0.000135	0.000969	0.0301	0.00000352	2.01	2.84	0.0199	0.000377	25	0.00188	0.239	0.0000788	0.000239	0.00012	0.0914	0.00000207	0.000322	0.000221	0.00102	0.000399
2036 Oct	0.000137	0.00097	0.0312	0.00000359	2.04	2.87	0.0204	0.000382	25.2	0.00188	0.231	0.0000815	0.000243	0.000121	0.0937	0.00000208	0.000327	0.000227	0.00103	0.000397
2036 Nov	0.000137	0.00097	0.0312	0.00000359	2.04	2.88	0.0205	0.000383	25.2	0.00189	0.236	0.0000815	0.000244	0.000122	0.0938	0.00000208	0.000328	0.000227	0.00103	0.000399
2036 Dec	0.000137	0.000969	0.0311	0.00000359	2.04	2.88	0.0204	0.000383	25.2	0.00189	0.242	0.0000815	0.000244	0.000122	0.0938	0.00000208	0.000328	0.000227	0.00103	0.000399
2037 Jan	0.000137	0.000969	0.0311	0.00000359	2.04	2.87	0.0204	0.000382	25.2	0.00188	0.247	0.0000814	0.000244	0.000122	0.0937	0.00000208	0.000327	0.000227	0.00103	0.000398
2037 Feb	0.000137	0.000968	0.0311	0.00000359	2.04	2.87	0.0204	0.000382	25.2	0.00188	0.253	0.0000813	0.000243	0.000121	0.0936	0.00000207	0.000327	0.000227	0.00103	0.000398
2037 Mar	0.000137	0.000967	0.0311	0.00000358	2.04	2.87	0.0204	0.000382	25.2	0.00188	0.258	0.0000812	0.000243	0.000121	0.0935	0.00000207	0.000327	0.000226	0.00103	0.000398
2037 Apr	0.000137	0.000966	0.031	0.00000358	2.04	2.86	0.0204	0.000381	25.1	0.00188	0.263	0.0000812	0.000243	0.000121	0.0934	0.00000207	0.000327	0.000226	0.00102	0.000397
2037 May	0.000137	0.000967	0.031	0.00000359	2.04	2.87	0.0204	0.000383	25.2	0.00189	0.269	0.0000812	0.000244	0.000122	0.0937	0.00000207	0.000328	0.000227	0.00102	0.0004
2037 Jun	0.00014	0.000979	0.0325	0.00000377	2.11	2.97	0.0215	0.0004	26	0.00196	0.261	0.0000847	0.000257	0.000126	0.0978	0.00000208	0.000345	0.000238	0.00104	0.000418
2037 Jul	0.000144	0.000986	0.0351	0.00000391	2.16	3.03	0.0226	0.00041	26.3	0.00197	0.243	0.0000915	0.000264	0.000128	0.102	0.00000211	0.000353	0.00025	0.00107	0.000413
2037 Aug	0.000146	0.000985	0.0367	0.00000396	2.18	3.05	0.0231	0.000411	26.1	0.00195	0.227	0.0000957	0.000265	0.000128	0.104	0.00000213	0.000353	0.000257	0.00108	0.000403
2037 Sep	0.000146	0.000978	0.0363	0.00000388	2.15	3	0.0226	0.000403	25.5	0.00191	0.221	0.0000945	0.000259	0.000126	0.103	0.00000213	0.000344	0.000252	0.00107	0.000391
2037 Oct	0.000146	0.000977	0.0365	0.00000388	2.15	3	0.0227	0.000402	25.4	0.0019	0.218	0.0000954	0.000258	0.000126	0.103	0.00000213	0.000343	0.000253	0.00108	0.000387
2037 Nov	0.000146	0.000976	0.0366	0.00000388	2.15	3	0.0227	0.000403	25.4	0.0019	0.222	0.0000955	0.000259	0.000126	0.103	0.00000213	0.000344	0.000253	0.00108	0.000388
2037 Dec	0.000146	0.000976	0.0365	0.00000388	2.15	3	0.0227	0.000402	25.4	0.0019	0.226	0.0000954	0.000258	0.000125	0.103	0.00000213	0.000343	0.000253	0.00108	0.000387
2038 Jan	0.000146	0.000975	0.0365	0.00000387	2.15	2.99	0.0227	0.000402	25.3	0.00189	0.23	0.0000954	0.000258	0.000125	0.103	0.00000212	0.000343	0.000253	0.00107	0.000387
2038 Feb	0.000146	0.000974	0.0365	0.00000387	2.15	2.99	0.0226	0.000402	25.3	0.00189	0.234	0.0000953	0.000258	0.000125	0.103	0.00000212	0.000343	0.000253	0.00107	0.000387
2038 Mar	0.000146	0.000974	0.0365	0.00000387	2.15	2.99	0.0226	0.000401	25.3	0.00189	0.238	0.0000952	0.000258	0.000125	0.103	0.00000212	0.000343	0.000252	0.00107	0.000387
2038 Apr	0.000146	0.000973	0.0364	0.00000387	2.15	2.99	0.0226	0.000401	25.3	0.00189	0.242	0.0000952	0.000258	0.000125	0.103	0.00000212	0.000342	0.000252	0.00107	0.000386
2038 May	0.000146	0.000973	0.0364	0.00000387	2.15	2.99	0.0226	0.000402	25.3	0.00189	0.246	0.0000952	0.000258	0.000125	0.103	0.00000212	0.000343	0.000252	0.00107	0.000387
2038 Jun	0.000148	0.000979	0.0375	0.00000396	2.18	3.04	0.0233	0.00041	25.6	0.00192	0.241	0.0000983	0.000264	0.000127	0.105	0.00000212	0.00035	0.000259	0.00108	0.000393
2038 Jul	0.000151	0.000984	0.0393	0.00000404	2.21	3.07	0.024	0.000414	25.7	0.00193	0.231	0.000103	0.000267	0.000128	0.107	0.00000214	0.000354	0.000268	0.0011	0.000389
2038 Aug	0.00015	0.00098	0.0391	0.00000399	2.19	3.03	0.0237	0.000408	25.2	0.00189	0.225	0.000103	0.000263	0.000127	0.106	0.00000214	0.000347	0.000265	0.00109	0.000379
2038 Sep	0.000149	0.000975	0.0388	0.00000393	2.17	3	0.0234	0.000402	24.8	0.00187	0.222	0.000102	0.000259	0.000125	0.105	0.00000214	0.000341	0.000262	0.00109	0.000372
2038 Oct	0.00015	0.000975	0.0391	0.00000395	2.17	3.01	0.0235	0.000404	24.9	0.00187	0.223	0.000103	0.00026	0.000125	0.106	0.00000214	0.000342	0.000264	0.00109	0.000372
2038 Nov	0.00015	0.000975	0.0391	0.00000395	2.17	3.01	0.0235	0.000403	24.9	0.00187	0.227	0.000103	0.00026	0.000125	0.106	0.00000214	0.000342	0.000264	0.00109	0.000372
2038 Dec	0.00015	0.000974	0.0391	0.00000395	2.17	3.01	0.0235	0.000403	24.8	0.00187	0.23	0.000103	0.00026	0.000125	0.106	0.00000214	0.000342	0.000264	0.00109	0.000372

Appendix C.2-19: WES03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	5.4	0.00521	0.0061	0.00021	2.74	0.000748	0.643	0.00000976	0.00000976	6.16E-08	0.0000868	0.0000336	0.000956	0.000445	6.32E-08	0.454	0.000000328	0.0000092
Operation (2024-2031): Mean	1640	5.16	9.55	0.121	823	0.166	201	0.00401	0.00106	0.0000118	0.0136	0.0214	0.258	0.0423	0.00002	78.7	0.0000673	0.00424
Operation (2024-2031): Max	2230	7.11	14.2	0.273	1130	0.354	297	0.00565	0.00126	0.0000165	0.0162	0.0294	0.479	0.0644	0.0000273	104	0.000109	0.00563
Active Closure (2032-2038): Min	34.5	0.0137	0.0139	0.0013	12	0.0276	4.85	0.000938	0.000938	0.000005	0.003	0.000305	0.00654	0.00801	0.00000501	7.54	0.00000589	0.0000658
Active Closure (2032-2038): Mean	712	2.47	4.45	0.0516	337	0.088	95.8	0.00263	0.00106	0.00000807	0.00797	0.0106	0.12	0.025	0.0000127	41.4	0.0000341	0.00203
Active Closure (2032-2038): Max	1940	6.91	12.8	0.144	951	0.187	245	0.00561	0.00125	0.0000143	0.016	0.0294	0.303	0.0533	0.0000273	99.4	0.0000812	0.00563
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2038)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May	5.4	0.00521	0.0061	0.00021	2.74	0.000748	0.643	0.00000976	0.00000976	6.16E-08	0.0000868	0.0000336	0.000956	0.000445	6.32E-08	0.454	0.000000328	0.0000092
2026 Jun	455	0.44	0.56	0.0195	244	0.0653	55.8	0.000661	0.000661	0.00000451	0.00688	0.00216	0.0887	0.0141	0.00000466	20.8	0.0000261	0.000612
2026 Jul	711	0.696	0.895	0.031	388	0.0995	88.3	0.000704	0.000704	0.00000545	0.00822	0.00306	0.139	0.0152	0.0000057	27.2	0.0000324	0.000871
2026 Aug	1060	1.05	1.35	0.0466	586	0.148	133	0.000631	0.000631	0.00000609	0.00878	0.00426	0.207	0.0173	0.00000646	36.5	0.000035	0.00121
2026 Sep	1220	1.23	1.57	0.0538	678	0.168	154	0.000585	0.000585	0.00000632	0.00952	0.00479	0.238	0.0184	0.00000675	41	0.0000388	0.00138
2026 Oct	1100	1.13	1.4	0.0483	610	0.157	139	0.000617	0.000617	0.00000613	0.00975	0.00441	0.215	0.0186	0.00000651	38.8	0.0000369	0.00126
2026 Nov	1100	1.13	1.4	0.0483	609	0.157	139	0.00062	0.00062	0.00000614	0.00978	0.00441	0.215	0.0186	0.00000653	38.8	0.0000369	0.00126
2026 Dec	1100	1.13	1.4	0.0483	609	0.157	139	0.000621	0.000621	0.00000615	0.00978	0.00441	0.215	0.0186	0.00000653	38.8	0.0000369	0.00126
2027 Jan	1100	1.13	1.4	0.0483	609	0.157	139	0.000621	0.000621	0.00000615	0.00978	0.00441	0.215	0.0186	0.00000653	38.8	0.0000369	0.00126
2027 Feb	1100	1.13	1.4	0.0483	609	0.157	139	0.000621	0.000621	0.00000615	0.00978	0.00441	0.215	0.0186	0.00000653	38.8	0.0000369	0.00126
2027 Mar	1100	1.13	1.4	0.0483	610	0.157	139	0.000621	0.000621	0.00000615	0.00979	0.00442	0.215	0.0186	0.00000653	38.9	0.0000369	0.00126
2027 Apr	1110	1.13	1.41	0.0485	613	0.158	140	0.000624	0.000624	0.00000618	0.00983	0.00444	0.216	0.0187	0.00000657	39.1	0.0000371	0.00127
2027 May	1540	3.11	5.65	0.14	797	0.258	209	0.000591	0.000591	0.00000729	0.0124	0.00819	0.356	0.0383	0.0000109	54.3	0.0000684	0.00251
2027 Jun	2140	6.67	14.2	0.273	1030	0.354	297	0.00245	0.000848	0.0000117	0.0158	0.0199	0.479	0.0644	0.0000227	87.1	0.000109	0.00526
2027 Jul	1450	4.22	9.12	0.164	720	0.216	189	0.00254	0.00095	0.0000102	0.0124	0.0155	0.284	0.0425	0.0000178	63.9	0.0000726	0.00376
2027 Aug	1130	3.7	7.33	0.101	553	0.139	143	0.00284	0.000956	0.00000879	0.0111	0.0154	0.196	0.0364	0.0000154	57.9	0.0000557	0.00326
2027 Sep	1330	4.84	9.03	0.102	650	0.142	169	0.00371	0.00101	0.0000095	0.0126	0.0202	0.221	0.0411	0.000018	70.3	0.0000613	0.00405
2027 Oct	1460	5.46	10.1	0.106	711	0.147	185	0.00419	0.00106	0.0000101	0.0135	0.0228	0.237	0.0435	0.0000196	77.1	0.0000653	0.00449
2027 Nov	1460	5.45	10.1	0.106	711	0.147	185	0.00419	0.00106	0.0000101	0.0135	0.0227	0.237	0.0434	0.0000196	77	0.0000653	0.00449
2027 Dec	1460	5.45	10.1	0.106	711	0.147	185	0.00419	0.00106	0.0000101	0.0135	0.0227	0.237	0.0434	0.0000196	77	0.0000653	0.00449
2028 Jan	1460	5.45	10.1	0.106	711	0.147	185	0.00419	0.00106	0.0000101	0.0135	0.0227	0.237	0.0434	0.0000196	77	0.0000653	0.00449
2028 Feb	1460	5.45	10.1	0.106	711	0.147	185	0.00419	0.00106	0.0000101	0.0135	0.0227	0.237	0.0434	0.0000196	77	0.0000653	0.00449
2028 Mar	1460	5.45	10.1	0.106	711	0.147	185	0.00419	0.00106	0.0000101	0.0135	0.0227	0.237	0.0434	0.0000196	77	0.0000653	0.00449
2028 Apr	1460	5.45	10.1	0.106	711	0.147	185	0.00419	0.00106	0.0000101	0.0135	0.0227	0.237	0.0434	0.0000196	77.1	0.0000653	0.00449
2028 May	1470	5.48	10.1	0.109	717	0.152	187	0.00415	0.00106	0.0000101	0.0136	0.0227	0.242	0.0439	0.0000196	77.3	0.0000662	0.0045
2028 Jun	1550	5.6	10.7	0.128	752	0.171	198	0.00407	0.00105	0.0000105	0.0137	0.0228	0.263	0.0458	0.0000203	78.9	0.0000705	0.00464

Appendix C.2-19: WES03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Jul	1470	5.33	10.2	0.122	717	0.164	189	0.00402	0.00108	0.0000105	0.0135	0.022	0.247	0.0438	0.00002	76	0.0000683	0.00448
2028 Aug	1480	5.46	10.4	0.118	720	0.158	189	0.00423	0.00112	0.0000107	0.0138	0.0229	0.243	0.0436	0.0000204	77.6	0.0000682	0.00458
2028 Sep	1590	5.94	11.2	0.123	770	0.163	202	0.00461	0.00116	0.0000113	0.0146	0.0251	0.256	0.0458	0.0000218	83.3	0.0000718	0.00496
2028 Oct	1790	6.47	12	0.136	878	0.174	222	0.00497	0.0012	0.0000126	0.0154	0.027	0.279	0.0491	0.0000231	90.7	0.0000771	0.00524
2028 Nov	1790	6.46	12	0.135	877	0.174	221	0.00496	0.0012	0.0000126	0.0154	0.027	0.279	0.0491	0.0000231	90.7	0.0000771	0.00524
2028 Dec	1790	6.46	12	0.135	877	0.174	221	0.00496	0.0012	0.0000126	0.0154	0.027	0.279	0.0491	0.0000231	90.7	0.0000771	0.00524
2029 Jan	1790	6.46	12	0.135	877	0.174	221	0.00496	0.0012	0.0000126	0.0154	0.027	0.279	0.0491	0.0000231	90.7	0.0000771	0.00524
2029 Feb	1790	6.46	12	0.135	877	0.174	221	0.00496	0.0012	0.0000126	0.0154	0.027	0.279	0.0491	0.0000231	90.7	0.0000771	0.00524
2029 Mar	1790	6.46	12	0.135	877	0.174	221	0.00496	0.0012	0.0000126	0.0154	0.027	0.279	0.0491	0.0000231	90.7	0.0000771	0.00524
2029 Apr	1790	6.46	12	0.135	877	0.174	221	0.00496	0.0012	0.0000126	0.0154	0.027	0.279	0.0491	0.0000231	90.7	0.0000771	0.00524
2029 May	1840	6.51	12.1	0.141	910	0.177	225	0.00501	0.0012	0.0000132	0.0155	0.0271	0.283	0.0497	0.0000232	92.1	0.000078	0.00523
2029 Jun	2230	7.11	13.1	0.167	1130	0.189	253	0.00565	0.00126	0.0000165	0.0162	0.0289	0.307	0.0537	0.0000251	104	0.0000844	0.00543
2029 Jul	2100	6.23	11.7	0.165	1070	0.183	236	0.00512	0.00121	0.0000164	0.0148	0.0255	0.285	0.05	0.0000238	96.2	0.0000789	0.00484
2029 Aug	1950	5.99	11.2	0.148	993	0.169	222	0.00501	0.00122	0.0000154	0.0146	0.025	0.267	0.0476	0.0000232	91.9	0.000075	0.00472
2029 Sep	2010	6.36	11.8	0.148	1020	0.17	230	0.00532	0.00124	0.0000156	0.0151	0.0268	0.274	0.0488	0.0000242	95.8	0.0000767	0.00502
2029 Oct	2020	6.46	12	0.147	1020	0.17	232	0.00541	0.00125	0.0000156	0.0152	0.0273	0.275	0.049	0.0000245	96.8	0.0000771	0.0051
2029 Nov	2010	6.45	11.9	0.147	1020	0.17	232	0.0054	0.00125	0.0000155	0.0152	0.0272	0.275	0.0489	0.0000244	96.6	0.0000769	0.00509
2029 Dec	2010	6.45	11.9	0.147	1020	0.17	232	0.0054	0.00125	0.0000155	0.0152	0.0272	0.275	0.0489	0.0000244	96.6	0.0000769	0.00509
2030 Jan	2010	6.45	11.9	0.147	1020	0.17	232	0.0054	0.00125	0.0000155	0.0152	0.0272	0.275	0.0489	0.0000244	96.6	0.0000769	0.00509
2030 Feb	2010	6.45	11.9	0.147	1020	0.17	232	0.0054	0.00125	0.0000155	0.0152	0.0272	0.275	0.0489	0.0000244	96.6	0.0000769	0.00509
2030 Mar	2010	6.45	11.9	0.147	1020	0.17	232	0.0054	0.00125	0.0000155	0.0152	0.0272	0.275	0.0489	0.0000244	96.6	0.0000769	0.00509
2030 Apr	2010	6.45	11.9	0.147	1020	0.17	232	0.0054	0.00125	0.0000156	0.0152	0.0272	0.275	0.049	0.0000244	96.6	0.0000769	0.00509
2030 May	2010	6.46	12	0.149	1020	0.172	233	0.00535	0.00124	0.0000155	0.0152	0.0271	0.278	0.0492	0.0000244	96.5	0.0000774	0.00509
2030 Jun	1990	6.36	12	0.154	1000	0.18	234	0.00517	0.00122	0.0000153	0.0151	0.0266	0.285	0.0498	0.000025	95.2	0.0000783	0.00508
2030 Jul	1870	5.97	11.3	0.146	938	0.175	223	0.00486	0.00119	0.0000146	0.0146	0.0251	0.274	0.0479	0.0000245	90.2	0.0000755	0.00486
2030 Aug	1880	6.18	11.6	0.142	938	0.172	225	0.00508	0.00122	0.0000146	0.0149	0.0263	0.273	0.0482	0.000025	92.2	0.0000759	0.00504
2030 Sep	1900	6.33	11.8	0.142	949	0.172	229	0.00521	0.00123	0.0000147	0.0151	0.027	0.276	0.0486	0.0000254	93.7	0.0000765	0.00515
2030 Oct	1900	6.37	11.9	0.141	948	0.171	229	0.00524	0.00123	0.0000146	0.0151	0.0272	0.276	0.0486	0.0000255	94	0.0000765	0.00518
2030 Nov	1900	6.36	11.9	0.141	947	0.171	229	0.00523	0.00123	0.0000146	0.0151	0.0272	0.276	0.0486	0.0000254	93.9	0.0000764	0.00518
2030 Dec	1900	6.36	11.9	0.141	947	0.171	229	0.00523	0.00123	0.0000146	0.0151	0.0272	0.276	0.0486	0.0000254	93.9	0.0000765	0.00518
2031 Jan	1900	6.36	11.9	0.141	947	0.171	229	0.00523	0.00123	0.0000146	0.0151	0.0272	0.276	0.0486	0.0000254	93.9	0.0000765	0.00518
2031 Feb	1900	6.36	11.9	0.141	947	0.171	229	0.00523	0.00123	0.0000146	0.0151	0.0272	0.276	0.0486	0.0000254	93.9	0.0000765	0.00518
2031 Mar	1900	6.36	11.9	0.141	947	0.171	229	0.00523	0.00123	0.0000146	0.0151	0.0272	0.276	0.0486	0.0000254	93.9	0.0000765	0.00518
2031 Apr	1900	6.36	11.9	0.141	948	0.171	229	0.00524	0.00123	0.0000146	0.0151	0.0272	0.276	0.0486	0.0000254	93.9	0.0000765	0.00518
2031 May	1900	6.36	11.9	0.143	947	0.173	230	0.0052	0.00122	0.0000146	0.0151	0.0271	0.278	0.0488	0.0000254	93.8	0.0000768	0.00518
2031 Jun	1880	6.24	11.8	0.148	935	0.181	230	0.00501	0.0012	0.0000145	0.0149	0.0264	0.283	0.0496	0.0000256	92.8	0.0000775	0.00514
2031 Jul	1840	6.17	11.6	0.142	912	0.175	226	0.00502	0.00122	0.0000143	0.0149	0.0264	0.276	0.0497	0.0000256	92.5	0.0000762	0.00511
2031 Aug	1850	6.32	11.9	0.139	915	0.172	228	0.00518	0.00123	0.0000143	0.0151	0.0272	0.276	0.0503	0.000026	94.2	0.0000765	0.00524
2031 Sep	1910	6.69	12.4	0.141	939	0.177	238	0.00538	0.00124	0.0000143	0.0157	0.0286	0.289	0.052	0.0000268	97.6	0.0000791	0.00549
2031 Oct	1940	6.89	12.7	0.142	949	0.181	243	0.00547	0.00125	0.0000143	0.016	0.0294	0.297	0.053	0.0000273	99.3	0.0000807	0.00563
2031 Nov	1940	6.89	12.7	0.142	949	0.181	243	0.00547	0.00125	0.0000143	0.016	0.0294	0.297	0.053	0.0000273	99.3	0.0000807	0.00563
2031 Dec	1940	6.89	12.7	0.142	949	0.181	243	0.00547	0.00125	0.0000143	0.016	0.0294	0.297	0.053	0.0000273	99.3	0.0000807	0.00563
2032 Jan	1940	6.89	12.7	0.142	949	0.181	243	0.00547	0.00125	0.0000143	0.016	0.0294	0.297	0.053	0.0000273	99.3	0.0000807	0.00563
2032 Feb	1940	6.89	12.7	0.142	949	0.181	243	0.00547	0.00125	0.0000143	0.016	0.0294	0.297	0.053	0.0000273	99.3	0.0000807	0.00563
2032 Mar	1940	6.89	12.7	0.142	949	0.181	243	0.00547	0.00125	0.0000143	0.016	0.0294	0.297	0.053	0.0000273	99.3	0.0000807	0.00563
2032 Apr	1940	6.89	12.7	0.142	949	0.181	243	0.00547	0.00125	0.0000143	0.016	0.0294	0.297	0.053	0.0000273	99.3	0.0000807	0.00563
2032 May	1940	6.91	12.8	0.144	951	0.183	244	0.00544	0.00124	0.0000143	0.016	0.0293	0.3	0.0533	0.0000273	99.4	0.0000812	0.00563
2032 Jun	1910	6.84	12.6	0.142	930	0.182	241	0.00533	0.00123	0.000014	0.016	0.0288	0.299	0.053	0.0000268	97.7	0.000081	0.00554
2032 Jul	1860	6.71	12.3	0.137	902	0.178	235	0.00523	0.00122	0.0000136	0.0158	0.0281	0.294	0.052	0.0000261	95.4	0.0000797	0.0054
2032 Aug	1850	6.74	12.3	0.136	898	0.178	236	0.00529	0.00122	0.0000136	0.0159	0.0282	0.295	0.0521	0.0000261	95.8	0.0000798	0.00541
2032 Sep	1850	6.75	12.3	0.136	895	0.179	238	0.00533	0.00122	0.0000135	0.0159	0.0282	0.296	0.0522	0.0000261	96.1	0.0000799	0.0054
2032 Oct	1850	6.74	12.3	0.136	894	0.179	238	0.00536	0.00122	0.0000135	0.0159	0.0283	0.296	0.0522	0.0000261	96.3	0.0000799	0.0054
2032 Nov	1850	6.74	12.3	0.136	894	0.179	238	0.00535	0.00122	0.0000135	0.0159	0.0283	0.296	0.0522	0.0000261	96.3	0.0000799	0.0054
2032 Dec	1850	6.74	12.3	0.136	894	0.179	238	0.00535	0.00122	0.0000135	0.0159	0.0283	0.296	0.0522	0.000026	96.2	0.0000798	0.0054
2033 Jan	1850	6.74	12.3	0.136	894	0.179	238	0.00535	0.00122	0.0000135	0.0159	0.0283	0.296	0.0522	0.000026	96.2	0.0000798	0.0054
2033 Feb	1850	6.74	12.3	0.136	894	0.179	238	0.00535	0.00122	0.0000135	0.0159	0.0283	0.296	0.0522	0.000026	96.2	0.0000798	0.0054
2033 Mar	1850	6.74	12.3	0.136	894	0.179	238	0.00535	0.00122	0.0000135	0.0159	0.0283	0.296	0.0522	0.000026	96.3	0.0000798	0.0054
2033 Apr	1850	6.74	12.3	0.136	894	0.179	238	0.00536	0.00122	0.0000135	0.0159	0.0283	0.296	0.0522	0.0000261	96.3	0.0000799	0.0054
2033 May	1840	6.71	12.2	0.136	887	0.18	238	0.00529	0.00121	0.0000134	0.0159	0.028	0.297	0.0525	0.0000259	95.8	0.00008	0.00536
2033 Jun	1780	6.52	11.8	0.132	858	0.178	232	0.00512	0.00119	0.000013	0.0157	0.0271	0.293	0.0524	0.0000251	93.7	0.0000788	0.0052
2033 Jul	1770	6.46	11.7	0.132	846	0.179	233	0.00516	0.00118	0.0000129	0.0156	0.0269	0.294	0.0524	0.0000249	93.8	0.0000787	0.00515
2033 Aug	1760	6.43	11.6	0.131	838	0.179	238	0.00538	0.00118	0.0000129	0.0156	0.0272	0.295	0.0523	0.0000249	95.4	0.0000785	0.00513
2033 Sep	1750	6.37	11.4	0.131	821	0.183	245	0.00561	0.00116	0.0000127	0.0156	0.0273	0.299	0.0523	0.0000246	97	0.0000785	0.00508
2033 Oct	1710	6.27	11.1	0.13	800	0.185	245	0.00554	0.00113	0.0000124	0.0155	0.0268	0.301	0.0522	0.0000241	95.9	0.0000783	0.00497
2033 Nov	1710	6.26	11.1	0.13	799	0.185	245	0.00553	0.00113	0.0000124	0.0155	0.0268	0.301	0.0521	0.0000241	95.8	0.0000782	0.00496
2033 Dec	1710	6.26	11.1	0.13	799	0.185	245	0.00553	0.00113	0.0000124	0.0155	0.0268	0.301	0.0521	0.0000241	95.8	0.0000782	0.00496

Appendix C.2-19: WES03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Jan	1710	6.26	11.1	0.13	799	0.185	245	0.00553	0.00113	0.0000124	0.0155	0.0268	0.301	0.0521	0.0000241	95.8	0.0000782	0.00496
2034 Feb	1710	6.26	11.1	0.13	799	0.185	245	0.00553	0.00113	0.0000124	0.0155	0.0268	0.301	0.0521	0.0000241	95.8	0.0000782	0.00496
2034 Mar	1710	6.26	11.1	0.13	799	0.185	245	0.00553	0.00113	0.0000124	0.0155	0.0268	0.301	0.0521	0.0000241	95.8	0.0000782	0.00496
2034 Apr	1710	6.26	11.1	0.13	799	0.185	245	0.00554	0.00113	0.0000124	0.0155	0.0268	0.301	0.0522	0.0000241	95.8	0.0000782	0.00497
2034 May	1690	6.2	11	0.129	787	0.187	243	0.00539	0.00112	0.0000121	0.0156	0.0263	0.303	0.0525	0.0000238	94.6	0.0000785	0.0049
2034 Jun	1590	5.83	10.3	0.122	736	0.18	230	0.00505	0.0011	0.0000115	0.0151	0.0246	0.291	0.052	0.0000225	90.3	0.0000759	0.00461
2034 Jul	1530	5.63	9.86	0.119	702	0.181	229	0.00497	0.00107	0.0000111	0.015	0.0238	0.292	0.0518	0.0000218	88.7	0.0000753	0.00444
2034 Aug	770	2.76	4.77	0.0592	345	0.104	121	0.00318	0.00101	0.00000794	0.00886	0.0122	0.149	0.0293	0.0000132	49.1	0.0000397	0.00219
2034 Sep	61.9	0.0389	0.0447	0.00234	25.7	0.0318	9.42	0.000982	0.000982	0.00000504	0.00316	0.000392	0.0136	0.00817	0.00000506	8.38	0.00000645	0.0000658
2034 Oct	133	0.114	0.123	0.00497	59.7	0.0447	21.1	0.000947	0.000947	0.00000513	0.00428	0.000828	0.0321	0.00997	0.00000518	11.9	0.0000101	0.000189
2034 Nov	143	0.125	0.134	0.00536	64.8	0.0467	22.8	0.000944	0.000944	0.00000515	0.00447	0.000895	0.0349	0.0103	0.0000052	12.5	0.0000107	0.000208
2034 Dec	143	0.125	0.134	0.00536	64.8	0.0467	22.8	0.000944	0.000944	0.00000515	0.00447	0.000895	0.0349	0.0103	0.0000052	12.5	0.0000107	0.000208
2035 Jan	143	0.125	0.134	0.00536	64.8	0.0467	22.8	0.000944	0.000944	0.00000515	0.00447	0.000895	0.0349	0.0103	0.0000052	12.5	0.0000107	0.000208
2035 Feb	143	0.125	0.134	0.00536	64.8	0.0467	22.8	0.000944	0.000944	0.00000515	0.00447	0.000895	0.0349	0.0103	0.0000052	12.5	0.0000107	0.000208
2035 Mar	143	0.125	0.134	0.00536	64.8	0.0467	22.8	0.000944	0.000944	0.00000515	0.00447	0.000895	0.0349	0.0103	0.0000052	12.5	0.0000107	0.000208
2035 Apr	144	0.126	0.135	0.00537	64.9	0.0468	22.9	0.000945	0.000945	0.00000516	0.00448	0.000897	0.0349	0.0103	0.00000521	12.5	0.0000107	0.000208
2035 May	153	0.133	0.143	0.00565	68.7	0.048	24.4	0.000949	0.000949	0.0000052	0.00461	0.000974	0.0372	0.0112	0.00000526	13.5	0.0000114	0.00023
2035 Jun	146	0.114	0.133	0.00521	62.9	0.0437	24.1	0.000938	0.000938	0.00000515	0.0046	0.00109	0.0366	0.0132	0.00000521	14.7	0.0000137	0.000313
2035 Jul	87.3	0.0605	0.0726	0.00325	36.7	0.0356	14.2	0.000969	0.000969	0.00000509	0.00348	0.000643	0.0209	0.00929	0.00000513	10	0.00000911	0.000208
2035 Aug	61.7	0.0378	0.0451	0.00234	25	0.0319	9.8	0.000984	0.000984	0.00000507	0.00317	0.00047	0.0141	0.00842	0.00000509	8.57	0.00000731	0.000145
2035 Sep	55	0.0318	0.0371	0.00207	21.8	0.0309	8.63	0.000984	0.000984	0.00000504	0.00314	0.000419	0.0124	0.00827	0.00000505	8.26	0.00000677	0.00011
2035 Oct	52.3	0.0296	0.0339	0.00196	20.5	0.0305	8.14	0.000984	0.000984	0.00000503	0.00313	0.000399	0.0117	0.00823	0.00000504	8.16	0.00000661	0.0000989
2035 Nov	53	0.0305	0.0346	0.00199	20.8	0.0306	8.27	0.000983	0.000983	0.00000502	0.00314	0.000404	0.0119	0.00825	0.00000504	8.2	0.00000666	0.0001
2035 Dec	53	0.0305	0.0346	0.00199	20.8	0.0306	8.27	0.000983	0.000983	0.00000502	0.00314	0.000404	0.0119	0.00825	0.00000504	8.2	0.00000666	0.0001
2036 Jan	53	0.0305	0.0346	0.00199	20.8	0.0306	8.27	0.000983	0.000983	0.00000502	0.00314	0.000404	0.0119	0.00825	0.00000504	8.2	0.00000666	0.0001
2036 Feb	53	0.0305	0.0346	0.00199	20.8	0.0306	8.27	0.000983	0.000983	0.00000502	0.00314	0.000404	0.0119	0.00825	0.00000504	8.2	0.00000666	0.0001
2036 Mar	53	0.0305	0.0346	0.00199	20.8	0.0306	8.27	0.000983	0.000983	0.00000502	0.00314	0.000404	0.0119	0.00825	0.00000504	8.2	0.00000666	0.0001
2036 Apr	53.1	0.0306	0.0347	0.00199	20.9	0.0306	8.28	0.000983	0.000983	0.00000503	0.00315	0.000405	0.0119	0.00826	0.00000504	8.21	0.00000666	0.0001
2036 May	53.2	0.0307	0.0348	0.00199	20.9	0.0307	8.3	0.000984	0.000984	0.00000503	0.00315	0.000406	0.0119	0.00828	0.00000505	8.23	0.00000668	0.000101
2036 Jun	53.1	0.0304	0.0345	0.00198	20.7	0.0305	8.27	0.000982	0.000982	0.00000502	0.00319	0.000415	0.0119	0.00834	0.00000504	8.27	0.00000688	0.000106
2036 Jul	49.3	0.0271	0.0307	0.00185	19	0.0299	7.59	0.000986	0.000986	0.00000503	0.00313	0.000395	0.0108	0.00819	0.00000504	8.04	0.00000672	0.000107
2036 Aug	45.3	0.0234	0.0264	0.00171	17.2	0.0294	6.87	0.000992	0.000992	0.00000504	0.00308	0.000368	0.00969	0.00808	0.00000505	7.82	0.00000645	0.0000988
2036 Sep	42.5	0.0208	0.0232	0.00161	15.9	0.0289	6.39	0.000993	0.000993	0.00000504	0.00306	0.000347	0.00899	0.00802	0.00000504	7.7	0.00000625	0.0000862
2036 Oct	41.4	0.0199	0.0219	0.00156	15.4	0.0287	6.18	0.000993	0.000993	0.00000503	0.00305	0.000339	0.00867	0.00801	0.00000503	7.65	0.00000617	0.0000812
2036 Nov	41.4	0.02	0.0219	0.00156	15.4	0.0287	6.18	0.000992	0.000992	0.00000502	0.00305	0.000339	0.00867	0.00801	0.00000503	7.66	0.00000618	0.0000812
2036 Dec	41.4	0.02	0.0219	0.00156	15.4	0.0287	6.18	0.000992	0.000992	0.00000502	0.00305	0.000339	0.00867	0.00801	0.00000503	7.66	0.00000618	0.0000812
2037 Jan	41.4	0.02	0.0219	0.00156	15.4	0.0287	6.18	0.000992	0.000992	0.00000502	0.00305	0.000339	0.00867	0.00801	0.00000503	7.66	0.00000618	0.0000812
2037 Feb	41.4	0.02	0.0219	0.00156	15.4	0.0287	6.18	0.000992	0.000992	0.00000502	0.00305	0.000339	0.00867	0.00801	0.00000503	7.66	0.00000618	0.0000812
2037 Mar	41.4	0.02	0.0219	0.00156	15.4	0.0287	6.18	0.000992	0.000992	0.00000502	0.00305	0.000339	0.00867	0.00801	0.00000503	7.66	0.00000618	0.0000812
2037 Apr	41.4	0.02	0.0219	0.00156	15.4	0.0287	6.18	0.000992	0.000992	0.00000503	0.00305	0.000339	0.00867	0.00802	0.00000503	7.66	0.00000618	0.0000812
2037 May	41.6	0.0202	0.0219	0.00156	15.4	0.0287	6.18	0.000993	0.000993	0.00000503	0.00307	0.000345	0.00867	0.00816	0.00000503	7.77	0.00000624	0.0000828
2037 Jun	41.2	0.0199	0.0213	0.00153	15.1	0.0284	6.06	0.000989	0.000989	0.000005	0.00307	0.000351	0.00847	0.00832	0.00000501	7.87	0.00000631	0.0000856
2037 Jul	39.8	0.0187	0.0199	0.00149	14.5	0.0283	5.81	0.000992	0.000992	0.00000502	0.00304	0.000342	0.00803	0.00824	0.00000502	7.76	0.00000623	0.0000872
2037 Aug	38.3	0.0173	0.0183	0.00144	13.8	0.0281	5.55	0.000996	0.000996	0.00000503	0.00302	0.000331	0.00762	0.00816	0.00000503	7.66	0.00000611	0.0000843
2037 Sep	37.2	0.0162	0.0171	0.0014	13.3	0.028	5.37	0.000997	0.000997	0.00000503	0.00301	0.000321	0.00736	0.00813	0.00000504	7.6	0.00000602	0.0000775
2037 Oct	36.7	0.0158	0.0165	0.00138	13.1	0.0279	5.28	0.000996	0.000996	0.00000502	0.00301	0.000316	0.00723	0.00811	0.00000503	7.57	0.00000598	0.0000745
2037 Nov	36.7	0.0158	0.0165	0.00138	13.1	0.0279	5.28	0.000996	0.000996	0.00000502	0.00301	0.000317	0.00723	0.00811	0.00000503	7.57	0.00000598	0.0000745
2037 Dec	36.7	0.0158	0.0165	0.00138	13.1	0.0279	5.28	0.000996	0.000996	0.00000502	0.00301	0.000317	0.00723	0.00811	0.00000503	7.57	0.00000598	0.0000745
2038 Jan	36.7	0.0158	0.0165	0.00138	13.1	0.0279	5.28	0.000996	0.000996	0.00000502	0.00301	0.000317	0.00723	0.00811	0.00000503	7.57	0.00000598	0.0000745
2038 Feb	36.7	0.0158	0.0165	0.00138	13.1	0.0279	5.28	0.000996	0.000996	0.00000502	0.00301	0.000317	0.00723	0.00811	0.00000503	7.57	0.00000598	0.0000745
2038 Mar	36.7	0.0158	0.0165	0.00138	13.1	0.0279	5.28	0.000996	0.000996	0.00000502	0.00301	0.000317	0.00723	0.00811	0.00000503	7.57	0.00000598	0.0000745
2038 Apr	36.7	0.0158	0.0165	0.00138	13.1	0.0279	5.28	0.000997	0.000997	0.00000503	0.00301	0.000317	0.00723	0.00811	0.00000503	7.58	0.00000598	0.0000746
2038 May	36.8	0.0159	0.0165	0.00138	13.1	0.0279	5.29	0.000997	0.000997	0.00000503	0.00302	0.000319	0.00724	0.00815	0.00000504	7.61	0.000006	0.000075
2038 Jun	36.7	0.0159	0.0163	0.00137	13	0.0277	5.23	0.000995	0.000995	0.00000502	0.00302	0.000324	0.00714	0.00828	0.00000502	7.69	0.00000606	0.0000773
2038 Jul	36.1	0.0153	0.0156	0.00135	12.7	0.0277	5.11	0.000999	0.000999	0.00000504	0.00301	0.00032	0.00693	0.00824	0.00000504	7.64	0.00000603	0.0000791
2038 Aug	35.3	0.0145	0.0149	0.00133	12.4	0.0277	4.99	0.001	0.001	0.00000505	0.003	0.000314	0.00673	0.0082	0.00000505	7.59	0.00000597	0.0000777
2038 Sep	34.7	0.0139	0.0142	0.0013	12.1	0.0276	4.89	0.001	0.001	0.00000505	0.003	0.000307	0.00659	0.00817	0.00000505	7.55	0.0000059	0.0000731
2038 Oct	34.5	0.0137	0.0139	0.0013	12	0.0276	4.85	0.001	0.001	0.00000505	0.003	0.000305	0.00654	0.00816	0.00000505	7.54	0.00000589	0.0000715
2038 Nov	34.5	0.0137	0.0139	0.0013	12	0.0276	4.85	0.001	0.001	0.00000505	0.003	0.000305	0.00654	0.00816	0.00000505	7.54	0.00000589	0.0000715
2038 Dec	34.5	0.0137	0.0139	0.0013	12	0.0276	4.85	0.001	0.001	0.00000505	0.003	0.000305	0.00654	0.00816	0.00000505	7.54	0.00000589	0.0000715

Appendix C.2-19: WES03

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.00000731	0.0000218	0.00229	0.00000017	0.0545	0.113	0.00144	0.0000124	1.21	0.0000647	0.000125	0.00000937	0.00000774	0.00000398	0.0029	2.11E-08	0.0000116	0.0000153	0.0000224	0.000016
Operation (2024-2031): Mean	0.000488	0.00241	0.0656	0.0000144	24.5	38.1	0.412	0.00354	447	0.0142	0.0275	0.000183	0.00142	0.00078	1.34	0.0000743	0.0036	0.00119	0.0032	0.00374
Operation (2024-2031): Max	0.000627	0.00354	0.0766	0.000025	35.7	49.6	0.568	0.00598	615	0.0207	0.0625	0.00026	0.00252	0.00115	2.8	0.000151	0.00689	0.00148	0.00422	0.00561
Active Closure (2032-2038): Min	0.0000896	0.000784	0.0139	0.00000117	0.975	1.31	0.00525	0.000108	5.95	0.000602	0.00459	0.0000374	0.0000401	0.0000484	0.0352	0.00000193	0.0000445	0.0000804	0.000842	0.0000412
Active Closure (2032-2038): Mean	0.000281	0.00146	0.0394	0.00000601	12.1	18.4	0.19	0.00204	190	0.00643	0.014	0.000117	0.000674	0.000393	0.613	0.0000317	0.00171	0.000594	0.00188	0.00151
Active Closure (2032-2038): Max	0.000597	0.00255	0.0835	0.0000132	31.6	49.6	0.543	0.00621	534	0.0166	0.0326	0.000264	0.00176	0.000981	1.69	0.0000927	0.00445	0.00147	0.00371	0.00405
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2038)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May	0.00000731	0.0000218	0.00229	0.00000017	0.0545	0.113	0.00144	0.0000124	1.21	0.0000647	0.000125	0.00000937	0.00000774	0.00000398	0.0029	2.11E-08	0.0000116	0.0000153	0.0000224	0.000016
2026 Jun	0.000215	0.00137	0.0735	0.0000134	3.91	7.52	0.0544	0.00106	110	0.00518	0.00743	0.000162	0.00067	0.000293	0.154	0.00000147	0.00106	0.000661	0.00179	0.00151
2026 Jul	0.000244	0.00193	0.0717	0.0000179	5.82	11.3	0.0703	0.00166	174	0.00786	0.00842	0.000123	0.000977	0.000444	0.214	0.00000165	0.00168	0.000749	0.00206	0.00242
2026 Aug	0.000295	0.00268	0.0627	0.0000229	8.42	16.5	0.0933	0.00255	264	0.0114	0.00861	0.0000764	0.00133	0.000652	0.3	0.00000163	0.00253	0.000767	0.00199	0.00368
2026 Sep	0.000324	0.00302	0.0593	0.000025	9.63	18.9	0.105	0.00297	305	0.0131	0.00891	0.0000578	0.00151	0.000747	0.341	0.0000016	0.00292	0.000829	0.00201	0.00426
2026 Oct	0.000305	0.00284	0.0632	0.0000233	8.75	17.2	0.094	0.00277	274	0.0118	0.0095	0.0000407	0.00134	0.000672	0.314	0.00000161	0.00263	0.000754	0.00185	0.00381
2026 Nov	0.000305	0.00284	0.0636	0.0000234	8.75	17.2	0.094	0.00277	273	0.0118	0.00954	0.0000408	0.00134	0.000671	0.315	0.00000162	0.00263	0.000754	0.00185	0.00381
2026 Dec	0.000306	0.00284	0.0636	0.0000234	8.75	17.2	0.094	0.00277	274	0.0118	0.00954	0.0000408	0.00134	0.000672	0.315	0.00000162	0.00263	0.000754	0.00185	0.00381
2027 Jan	0.000306	0.00284	0.0636	0.0000234	8.75	17.2	0.094	0.00277	274	0.0118	0.00954	0.0000408	0.00134	0.000672	0.315	0.00000162	0.00263	0.000754	0.00185	0.00381
2027 Feb	0.000306	0.00284	0.0636	0.0000234	8.75	17.2	0.094	0.00277	274	0.0118	0.00954	0.0000408	0.00134	0.000672	0.315	0.00000162	0.00263	0.000754	0.00185	0.00381
2027 Mar	0.000306	0.00284	0.0636	0.0000234	8.76	17.2	0.0941	0.00277	274	0.0118	0.00955	0.0000408	0.00134	0.000672	0.315	0.00000162	0.00263	0.000755	0.00185	0.00381
2027 Apr	0.000307	0.00285	0.0639	0.0000235	8.8	17.3	0.0945	0.00278	275	0.0119	0.00959	0.000041	0.00135	0.000675	0.316	0.00000163	0.00265	0.000759	0.00186	0.00383
2027 May	0.000434	0.00339	0.0563	0.0000223	19.6	24.3	0.228	0.00463	408	0.0158	0.0262	0.000074	0.00215	0.000969	1.26	0.0000364	0.00496	0.000917	0.00262	0.00488
2027 Jun	0.000596	0.00354	0.046	0.000016	35.7	41.2	0.568	0.00598	605	0.0207	0.0625	0.000165	0.00252	0.00115	2.8	0.000114	0.00689	0.00122	0.00409	0.00521
2027 Jul	0.000422	0.00248	0.0583	0.000015	22.8	29.8	0.411	0.00345	406	0.0141	0.0443	0.000153	0.00144	0.0007	1.74	0.0000765	0.00394	0.00102	0.00332	0.00336
2027 Aug	0.0004	0.00194	0.0753	0.0000122	17.9	27.4	0.34	0.00237	310	0.0108	0.0281	0.000231	0.00102	0.00055	1.11	0.0000464	0.00273	0.000979	0.00268	0.00218
2027 Sep	0.00046	0.00212	0.0766	0.000012	21.7	35.4	0.399	0.00269	365	0.0126	0.0247	0.000259	0.00117	0.000669	1.11	0.0000422	0.00318	0.0011	0.00271	0.00229
2027 Oct	0.000486	0.00224	0.0757	0.0000122	23.8	39.7	0.438	0.00289	400	0.0137	0.0248	0.00026	0.00125	0.000731	1.16	0.0000435	0.00343	0.00117	0.00281	0.00241
2027 Nov	0.000486	0.00224	0.0757	0.0000122	23.8	39.7	0.437	0.00288	400	0.0136	0.0248	0.00026	0.00125	0.00073	1.16	0.0000435	0.00343	0.00117	0.00281	0.00241
2027 Dec	0.000486	0.00224	0.0757	0.0000122	23.8	39.7	0.437	0.00288	400	0.0136	0.0248	0.00026	0.00125	0.00073	1.16	0.0000435	0.00343	0.00117	0.00281	0.00241
2028 Jan	0.000486	0.00224	0.0757	0.0000122	23.8	39.7	0.437	0.00288	400	0.0136	0.0248	0.00026	0.00125	0.00073	1.16	0.0000435	0.00343	0.00117	0.00281	0.00241
2028 Feb	0.000486	0.00224	0.0757	0.0000122	23.8	39.7	0.437	0.00288	400	0.0136	0.0248	0.00026	0.00125	0.00073	1.16	0.0000435	0.00343	0.00117	0.00281	0.00241
2028 Mar	0.000486	0.00224	0.0757	0.0000122	23.8	39.7	0.437	0.00288	400	0.0136	0.0248	0.00026	0.00125	0.00073	1.16	0.0000435	0.00343	0.00117	0.00281	0.00241
2028 Apr	0.000486	0.00224	0.0757	0.0000122	23.8	39.7	0.437	0.00289	400	0.0136	0.0248	0.00026	0.00125	0.00073	1.16	0.0000435	0.00343	0.00117	0.00281	0.00241
2028 May	0.000489	0.00227	0.0752	0.0000123	24.1	39.7	0.44	0.00295	404	0.0138	0.0255	0.000258	0.00128	0.000739	1.19	0.0000448	0.0035	0.00117	0.00284	0.00246
2028 Jun	0.000496	0.00237	0.0712	0.0000126	25.3	40.2	0.464	0.00319	426	0.0145	0.0307	0.000245	0.00136	0.000766	1.39	0.0000547	0.00377	0.00117	0.003	0.00272

Appendix C.2-19: WES03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Jul	0.000469	0.00227	0.0707	0.0000126	24.1	38.6	0.449	0.003	406	0.0138	0.0308	0.000226	0.00126	0.000719	1.34	0.0000543	0.00353	0.00114	0.00301	0.00257
2028 Aug	0.000469	0.00225	0.0717	0.0000126	24.3	39.7	0.456	0.00293	408	0.0139	0.0299	0.000224	0.00123	0.000717	1.3	0.0000528	0.00346	0.00115	0.00303	0.00249
2028 Sep	0.000492	0.00235	0.0712	0.0000128	26.1	43.1	0.489	0.0031	437	0.0148	0.0302	0.000227	0.0013	0.000767	1.35	0.0000545	0.00367	0.00121	0.00313	0.00261
2028 Oct	0.000538	0.00248	0.07	0.000013	28.8	45.9	0.509	0.00362	492	0.0157	0.0302	0.000223	0.00148	0.000852	1.5	0.0000742	0.00402	0.0013	0.00341	0.00337
2028 Nov	0.000537	0.00247	0.0701	0.000013	28.8	45.8	0.509	0.00362	492	0.0157	0.0302	0.000223	0.00148	0.000852	1.5	0.0000741	0.00401	0.0013	0.00341	0.00337
2028 Dec	0.000537	0.00247	0.0701	0.000013	28.8	45.8	0.509	0.00362	492	0.0157	0.0302	0.000223	0.00148	0.000852	1.5	0.0000742	0.00401	0.0013	0.00341	0.00337
2029 Jan	0.000537	0.00247	0.0701	0.000013	28.8	45.8	0.509	0.00362	492	0.0157	0.0302	0.000223	0.00148	0.000852	1.5	0.0000742	0.00401	0.0013	0.00341	0.00337
2029 Feb	0.000537	0.00247	0.0701	0.000013	28.8	45.8	0.509	0.00362	492	0.0157	0.0302	0.000223	0.00148	0.000852	1.5	0.0000742	0.00401	0.0013	0.00341	0.00337
2029 Mar	0.000537	0.00247	0.0701	0.000013	28.8	45.8	0.509	0.00362	492	0.0157	0.0302	0.000223	0.00148	0.000852	1.5	0.0000742	0.00401	0.0013	0.00341	0.00337
2029 Apr	0.000537	0.00247	0.0701	0.000013	28.8	45.8	0.509	0.00362	492	0.0157	0.0302	0.000223	0.00148	0.000852	1.5	0.0000742	0.00401	0.0013	0.00341	0.00337
2029 May	0.000548	0.00249	0.0698	0.000013	29.3	45.8	0.511	0.00375	508	0.0158	0.0311	0.000223	0.00151	0.000863	1.57	0.0000845	0.00404	0.00131	0.00352	0.00367
2029 Jun	0.000627	0.00259	0.0684	0.0000131	33.5	48.4	0.533	0.00463	615	0.0168	0.0336	0.000224	0.00175	0.000962	1.92	0.000142	0.00431	0.00148	0.00422	0.00548
2029 Jul	0.000589	0.00242	0.0652	0.0000131	30.9	42.7	0.487	0.00449	580	0.0154	0.0358	0.000201	0.00162	0.000868	1.93	0.000151	0.00393	0.00141	0.00421	0.00561
2029 Aug	0.000554	0.00232	0.0658	0.000013	29.2	41.7	0.468	0.00413	538	0.0147	0.0328	0.000192	0.00151	0.000822	1.74	0.000132	0.0037	0.00135	0.00397	0.005
2029 Sep	0.000566	0.00237	0.0649	0.000013	30.3	44.5	0.493	0.00418	552	0.0153	0.0323	0.000194	0.00153	0.000852	1.74	0.000128	0.00383	0.00138	0.00397	0.00493
2029 Oct	0.000567	0.00238	0.0645	0.000013	30.6	45.4	0.499	0.00418	555	0.0154	0.032	0.000193	0.00153	0.00086	1.73	0.000126	0.00385	0.00139	0.00395	0.00489
2029 Nov	0.000566	0.00237	0.0645	0.000013	30.5	45.3	0.498	0.00417	554	0.0154	0.0319	0.000193	0.00153	0.000858	1.73	0.000126	0.00385	0.00138	0.00394	0.00488
2029 Dec	0.000566	0.00237	0.0645	0.000013	30.5	45.3	0.498	0.00417	554	0.0154	0.0319	0.000193	0.00153	0.000858	1.73	0.000126	0.00385	0.00138	0.00394	0.00488
2030 Jan	0.000566	0.00237	0.0645	0.000013	30.5	45.3	0.498	0.00417	554	0.0154	0.0319	0.000193	0.00153	0.000858	1.73	0.000126	0.00385	0.00138	0.00394	0.00488
2030 Feb	0.000566	0.00237	0.0645	0.000013	30.5	45.3	0.498	0.00417	554	0.0154	0.0319	0.000193	0.00153	0.000858	1.73	0.000126	0.00385	0.00138	0.00395	0.00488
2030 Mar	0.000566	0.00237	0.0645	0.000013	30.5	45.3	0.499	0.00417	554	0.0154	0.0319	0.000193	0.00153	0.000858	1.73	0.000126	0.00385	0.00138	0.00395	0.00488
2030 Apr	0.000566	0.00237	0.0645	0.000013	30.5	45.3	0.499	0.00417	554	0.0154	0.032	0.000193	0.00153	0.000858	1.73	0.000126	0.00385	0.00138	0.00395	0.00488
2030 May	0.000567	0.00238	0.0641	0.0000129	30.6	45.2	0.499	0.0042	555	0.0154	0.0324	0.000192	0.00154	0.000862	1.75	0.000126	0.00389	0.00138	0.00395	0.00489
2030 Jun	0.000569	0.00242	0.0623	0.0000131	30.5	44.6	0.503	0.00431	550	0.0156	0.0347	0.000189	0.00156	0.000859	1.8	0.000125	0.00399	0.00139	0.00396	0.00484
2030 Jul	0.000544	0.00235	0.0618	0.0000131	28.9	42.4	0.481	0.00413	516	0.015	0.0344	0.000181	0.00149	0.000813	1.72	0.000115	0.00384	0.00135	0.00382	0.00452
2030 Aug	0.000545	0.00236	0.062	0.0000131	29.3	44.2	0.494	0.00407	518	0.0152	0.0332	0.000182	0.00148	0.000824	1.68	0.000109	0.00385	0.00137	0.00379	0.00435
2030 Sep	0.000549	0.00237	0.0615	0.0000131	29.7	45.3	0.503	0.00409	524	0.0154	0.0329	0.000182	0.00148	0.000836	1.68	0.000108	0.0039	0.00138	0.00379	0.00434
2030 Oct	0.000549	0.00237	0.0611	0.000013	29.8	45.6	0.505	0.00408	524	0.0155	0.0326	0.000182	0.00148	0.000838	1.67	0.000107	0.0039	0.00138	0.00377	0.0043
2030 Nov	0.000549	0.00237	0.0611	0.000013	29.8	45.5	0.504	0.00408	523	0.0154	0.0325	0.000182	0.00148	0.000837	1.66	0.000106	0.0039	0.00138	0.00377	0.0043
2030 Dec	0.000549	0.00237	0.0611	0.000013	29.8	45.5	0.504	0.00408	523	0.0154	0.0325	0.000182	0.00148	0.000837	1.66	0.000106	0.0039	0.00138	0.00377	0.0043
2031 Jan	0.000549	0.00237	0.0611	0.000013	29.8	45.5	0.504	0.00408	523	0.0154	0.0325	0.000182	0.00148	0.000837	1.66	0.000106	0.0039	0.00138	0.00377	0.0043
2031 Feb	0.000549	0.00237	0.0611	0.000013	29.8	45.5	0.504	0.00408	523	0.0154	0.0325	0.000182	0.00148	0.000837	1.66	0.000106	0.0039	0.00138	0.00377	0.0043
2031 Mar	0.000549	0.00237	0.0611	0.000013	29.8	45.5	0.504	0.00408	523	0.0154	0.0325	0.000182	0.00148	0.000837	1.66	0.000106	0.0039	0.00138	0.00377	0.0043
2031 Apr	0.000549	0.00237	0.0612	0.000013	29.8	45.5	0.505	0.00408	523	0.0154	0.0326	0.000182	0.00148	0.000838	1.66	0.000106	0.0039	0.00138	0.00377	0.0043
2031 May	0.00055	0.00238	0.0611	0.000013	29.8	45.4	0.506	0.0041	524	0.0155	0.0331	0.000182	0.00149	0.00084	1.68	0.000107	0.00393	0.00137	0.00378	0.00431
2031 Jun	0.000556	0.00242	0.0619	0.0000131	29.7	44.7	0.508	0.00416	520	0.0156	0.0354	0.000192	0.0015	0.000834	1.74	0.000108	0.00399	0.00138	0.00378	0.00431
2031 Jul	0.000565	0.0024	0.0676	0.0000132	29.2	44.5	0.504	0.00406	507	0.0154	0.0343	0.000216	0.00146	0.000821	1.68	0.000102	0.0039	0.00141	0.00373	0.00413
2031 Aug	0.000574	0.00242	0.0692	0.0000132	29.5	45.9	0.514	0.00404	509	0.0155	0.0334	0.000226	0.00146	0.000832	1.65	0.000098	0.00392	0.00143	0.00371	0.00404
2031 Sep	0.000588	0.00249	0.0678	0.0000132	30.8	48.3	0.533	0.00419	525	0.0162	0.0327	0.000226	0.00153	0.000876	1.66	0.0000947	0.00415	0.00146	0.00371	0.00404
2031 Oct	0.000595	0.00254	0.067	0.0000132	31.5	49.6	0.542	0.00428	533	0.0165	0.0323	0.000224	0.00158	0.000903	1.67	0.0000924	0.00429	0.00147	0.00371	0.00403
2031 Nov	0.000595	0.00254	0.067	0.0000132	31.5	49.6	0.542	0.00428	532	0.0165	0.0323	0.000224	0.00158	0.000903	1.67	0.0000924	0.00429	0.00147	0.00371	0.00403
2031 Dec	0.000595	0.00254	0.067	0.0000132	31.5	49.6	0.542	0.00428	532	0.0165	0.0323	0.000224	0.00158	0.000903	1.67	0.0000924	0.00429	0.00147	0.00371	0.00403
2032 Jan	0.000595	0.00254	0.067	0.0000132	31.5	49.6	0.542	0.00428	532	0.0165	0.0323	0.000224	0.00158	0.000903	1.67	0.0000924	0.00429	0.00147	0.00371	0.00403
2032 Feb	0.000595	0.00254	0.067	0.0000132	31.5	49.6	0.542	0.00428	532	0.0165	0.0323	0.000224	0.00158	0.000903	1.67	0.0000924	0.00429	0.00147	0.00371	0.00403
2032 Mar	0.000595	0.00254	0.067	0.0000132	31.5	49.6	0.542	0.00428	532	0.0165	0.0323	0.000224	0.00158	0.000903	1.67	0.0000924	0.00429	0.00147	0.00371	0.00403
2032 Apr	0.000595	0.00254	0.067	0.0000132	31.5	49.6	0.542	0.00428	533	0.0165	0.0323	0.000224	0.00158	0.000903	1.67	0.0000924	0.00429	0.00147	0.00371	0.00403
2032 May	0.000597	0.00255	0.0668	0.0000132	31.6	49.6	0.543	0.00432	534	0.0166	0.0326	0.000223	0.0016	0.000908	1.69	0.0000927	0.00433	0.00147	0.00371	0.00405
2032 Jun	0.00059	0.00253	0.0673	0.000013	31.3	48.7	0.531	0.00431	524	0.0164	0.0317	0.000222	0.00161	0.000906	1.66	0.0000892	0.00434	0.00145	0.00368	0.00396
2032 Jul	0.000576	0.00248	0.0676	0.0000128	30.6	47.7	0.516	0.00424	509	0.016	0.0304	0.000218	0.0016	0.000892	1.6	0.0000849	0.00427	0.00142	0.00362	0.00382
2032 Aug	0.000576	0.00248	0.0678	0.0000127	30.7	47.8	0.514	0.00435	507	0.016	0.0299	0.000217	0.00161	0.000902	1.59	0.0000835	0.00429	0.00141	0.0036	0.00378
2032 Sep	0.000576	0.00249	0.0679	0.0000127	30.7	47.7	0.513	0.00447	506	0.0159	0.0298	0.000216	0.00162	0.000909	1.59	0.0000832	0.00431	0.00141	0.0036	0.00378
2032 Oct	0.000576	0.00249	0.0679	0.0000127	30.8	47.7	0.513	0.00453	506	0.0159	0.0299	0.000216	0.00162	0.000912	1.59	0.0000833	0.00431	0.00141	0.0036	0.00378
2032 Nov	0.000576	0.00249	0.0679	0.0000127	30.7	47.7	0.513	0.00453	506	0.0159	0.0299	0.000216	0.00162	0.000912	1.59	0.0000833	0.00431	0.00141	0.0036	0.00378
2032 Dec	0.000576	0.00249	0.0679	0.0000127	30.7	47.7	0.513	0.00453	505	0.0159	0.0298	0.000216	0.00162	0.000911	1.59	0.0000832	0.00431	0.00141	0.0036	0.00377
2033 Jan	0.000576	0.00249	0.0679	0.0000127	30.7	47.7	0.513	0.00453	505	0.0159	0.0298	0.000216	0.00162	0.000911	1.59	0.0000832	0.00431	0.00141	0.0036	0.00377
2033 Feb	0.000576	0.00249	0.0679	0.0000127	30.7	47.7	0.513	0.00453	505	0.0159	0.0298	0.000216	0.00162	0.000911	1.59	0.0000832	0.00431	0.00141	0.0036	0.00377
2033 Mar	0.000576	0.00249	0.0679	0.0000127	30.7	47.7	0.513	0.00453	505	0.0159	0.0299	0.000216	0.00162	0.000911	1.59	0.0000833	0.00431	0.00141	0.0036	0.00378
2033 Apr	0.000576	0.00249	0.0679	0.0000127	30.7	47.7	0.513	0.00453	506	0.0159	0.0299	0.000216	0.00162	0.000912	1.59	0.0000833	0.00431	0.00141	0.0036	0.00378
2033 May	0.000579	0.00249	0.0692	0.0000127	30.7	47.4	0.508	0.00454	502	0.0159	0.0296	0.000222	0.00164	0.000915	1.58	0.0000821	0.00434	0.00141	0.00359	0.00377
2033 Jun	0.00058	0.00247	0.0727	0.0000125	30	45.9	0.492	0.00453	486	0.0155	0.0287	0.000238	0.00164	0.000905	1.54	0.0000789	0.0043	0.0014	0.00353	0.00367
2033 Jul	0.000581	0.00247	0.074	0.0000125	29.9	45.4	0.486	0.00477	480	0.0153	0.0285	0.000242	0.00165	0.000915	1.53	0.0000781	0.00431	0.00139	0.00352	0.00365
2033 Aug	0.000583	0.00246	0.0747	0.0000125	29.9	45.2	0.485	0.00524	476	0.0152	0.0287	0.000243	0.00166	0.000933	1.53	0.000079	0.00429	0.00139	0.00352	0.00365
2033 Sep	0.000583	0.00246	0.0744	0.0000124	30.1	44.7	0.477	0.00598	467	0.0151	0.0286	0.000238	0.0017	0.00097	1.52	0.000079	0.00435	0.00137	0.0035	0.00364
2033 Oct	0.000577	0.00246	0.0739	0.0000123	29.8	43.7	0.464	0.0062	457	0.0149	0.028	0.000231	0.00173	0.000979	1.5	0.0000768	0.00439	0.00135	0.00344	0.00361
2033 Nov	0.000577	0.00245	0.0739	0.0000123	29.8	43.6	0.464	0.00619	456	0.0149	0.0279	0.00023	0.00172	0.000977	1.5	0.0000767	0.00438	0.00134	0.00344	0.0036
2033 Dec	0.000577	0.00245	0.0739	0.0000123	29.8	43.6	0.464	0.00619	456	0.0149	0.0279	0.00023	0.00172	0.000977	1.5	0.0000767	0.00438	0.00134	0.00344	0.0036

Appendix C.2-19: WES03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Jan	0.000577	0.00245	0.0739	0.0000123	29.8	43.6	0.464	0.00619	456	0.0149	0.0279	0.00023	0.00172	0.000977	1.5	0.0000767	0.00438	0.00134	0.00344	0.0036
2034 Feb	0.000577	0.00245	0.0739	0.0000123	29.8	43.6	0.464	0.00619	456	0.0149	0.0279	0.00023	0.00172	0.000977	1.5	0.0000767	0.00438	0.00134	0.00344	0.00361
2034 Mar	0.000577	0.00245	0.0739	0.0000123	29.8	43.6	0.464	0.00619	456	0.0149	0.0279	0.00023	0.00172	0.000977	1.5	0.0000767	0.00438	0.00134	0.00344	0.00361
2034 Apr	0.000577	0.00246	0.0739	0.0000123	29.8	43.7	0.464	0.00619	456	0.0149	0.0279	0.000231	0.00172	0.000978	1.5	0.0000768	0.00438	0.00134	0.00344	0.00361
2034 May	0.000577	0.00247	0.0747	0.0000122	29.7	43.1	0.455	0.00618	450	0.0148	0.0274	0.000231	0.00176	0.000981	1.49	0.0000746	0.00445	0.00133	0.00341	0.00359
2034 Jun	0.000576	0.00241	0.0818	0.000012	28.2	40.5	0.428	0.00593	422	0.014	0.026	0.000261	0.00171	0.000945	1.42	0.0000689	0.00429	0.00132	0.0033	0.0034
2034 Jul	0.000572	0.00239	0.0835	0.0000119	27.7	39	0.409	0.00621	404	0.0137	0.0251	0.000264	0.00175	0.000954	1.39	0.0000657	0.00431	0.00129	0.00325	0.00334
2034 Aug	0.000334	0.00152	0.0475	0.00000627	14.3	19.7	0.203	0.00363	198	0.0069	0.0146	0.000137	0.000888	0.000516	0.698	0.0000344	0.00215	0.000663	0.00201	0.00167
2034 Sep	0.000105	0.00084	0.0139	0.00000152	1.29	1.84	0.00619	0.000196	12.1	0.000875	0.00479	0.0000407	0.0000761	0.0000671	0.0445	0.00000198	0.000127	0.0000804	0.000842	0.000165
2034 Oct	0.000126	0.00104	0.0257	0.00000428	1.97	3.26	0.0145	0.000476	27.1	0.0019	0.00588	0.0000379	0.000187	0.000121	0.0724	0.00000194	0.000357	0.000152	0.000948	0.000489
2034 Nov	0.000129	0.00108	0.0276	0.00000472	2.07	3.48	0.0157	0.000518	29.4	0.00206	0.00607	0.0000374	0.000203	0.000128	0.0767	0.00000194	0.000391	0.000163	0.000966	0.000537
2034 Dec	0.000129	0.00108	0.0276	0.00000472	2.07	3.48	0.0157	0.000519	29.4	0.00206	0.00607	0.0000374	0.000203	0.000128	0.0767	0.00000194	0.000391	0.000163	0.000966	0.000537
2035 Jan	0.000129	0.00108	0.0276	0.00000472	2.07	3.48	0.0157	0.000519	29.4	0.00206	0.00607	0.0000374	0.000203	0.000128	0.0767	0.00000194	0.000391	0.000163	0.000966	0.000537
2035 Feb	0.000129	0.00108	0.0276	0.00000472	2.07	3.48	0.0157	0.000519	29.4	0.00206	0.00607	0.0000374	0.000203	0.000128	0.0767	0.00000194	0.000391	0.000163	0.000966	0.000537
2035 Mar	0.000129	0.00108	0.0276	0.00000472	2.07	3.48	0.0158	0.000519	29.4	0.00206	0.00607	0.0000374	0.000203	0.000128	0.0767	0.00000194	0.000391	0.000163	0.000966	0.000537
2035 Apr	0.00013	0.00108	0.0277	0.00000473	2.07	3.48	0.0158	0.000519	29.4	0.00206	0.00608	0.0000374	0.000203	0.000129	0.0768	0.00000194	0.000392	0.000163	0.000967	0.000538
2035 May	0.000146	0.00112	0.033	0.00000511	2.19	3.74	0.0194	0.000547	31.1	0.00221	0.00627	0.0000607	0.000223	0.000138	0.0833	0.00000196	0.00042	0.000201	0.00101	0.000578
2035 Jun	0.000176	0.00113	0.0525	0.00000595	2.19	3.91	0.0305	0.000484	28.4	0.00241	0.00634	0.000163	0.00027	0.000147	0.0901	0.00000193	0.000422	0.000367	0.00122	0.00058
2035 Jul	0.000104	0.000966	0.0282	0.0000032	1.51	2.46	0.0145	0.000286	16.9	0.00152	0.00515	0.0000854	0.000149	0.0000952	0.0555	0.00000197	0.000233	0.000194	0.000994	0.000314
2035 Aug	0.0000926	0.000875	0.0212	0.00000211	1.23	1.89	0.00938	0.0002	11.7	0.00108	0.00473	0.0000605	0.000095	0.0000727	0.0443	0.00000199	0.000144	0.000134	0.000909	0.000186
2035 Sep	0.0000956	0.000834	0.0186	0.00000179	1.18	1.74	0.00775	0.000179	10.3	0.000929	0.00463	0.0000491	0.0000788	0.000066	0.0422	0.00000198	0.000119	0.000111	0.000879	0.00015
2035 Oct	0.0000961	0.000826	0.018	0.00000168	1.16	1.68	0.00714	0.000171	9.75	0.000872	0.00466	0.000048	0.0000726	0.0000633	0.0414	0.00000198	0.000108	0.000104	0.00087	0.000135
2035 Nov	0.0000962	0.000827	0.0182	0.00000172	1.17	1.7	0.00723	0.000175	9.89	0.000883	0.00467	0.0000479	0.0000738	0.0000638	0.0417	0.00000198	0.000111	0.000105	0.00087	0.000139
2035 Dec	0.0000962	0.000827	0.0182	0.00000172	1.17	1.7	0.00723	0.000175	9.89	0.000883	0.00467	0.0000479	0.0000738	0.0000638	0.0417	0.00000198	0.000111	0.000105	0.00087	0.000139
2036 Jan	0.0000962	0.000827	0.0182	0.00000172	1.17	1.7	0.00723	0.000175	9.89	0.000883	0.00467	0.0000479	0.0000738	0.0000638	0.0417	0.00000198	0.000111	0.000105	0.00087	0.000139
2036 Feb	0.0000962	0.000827	0.0182	0.00000172	1.17	1.7	0.00723	0.000175	9.89	0.000883	0.00467	0.0000479	0.0000738	0.0000638	0.0417	0.00000198	0.000111	0.000105	0.00087	0.000139
2036 Mar	0.0000962	0.000827	0.0182	0.00000172	1.17	1.7	0.00723	0.000175	9.89	0.000883	0.00467	0.0000479	0.0000738	0.0000638	0.0417	0.00000198	0.000111	0.000105	0.00087	0.000139
2036 Apr	0.0000963	0.000828	0.0182	0.00000173	1.17	1.7	0.00725	0.000175	9.9	0.000884	0.00467	0.000048	0.0000738	0.0000639	0.0417	0.00000198	0.000111	0.000105	0.00087	0.000139
2036 May	0.0000967	0.000829	0.0183	0.00000173	1.17	1.71	0.00731	0.000176	9.93	0.000887	0.00468	0.0000482	0.0000741	0.0000641	0.0419	0.00000198	0.000112	0.000106	0.000872	0.000139
2036 Jun	0.0000965	0.00083	0.0194	0.00000184	1.17	1.71	0.00763	0.000175	9.83	0.000899	0.00473	0.0000513	0.0000768	0.0000642	0.042	0.00000198	0.000112	0.000113	0.000886	0.000139
2036 Jul	0.0000913	0.000827	0.0192	0.00000175	1.12	1.62	0.00702	0.000162	9.06	0.000858	0.00471	0.0000515	0.0000706	0.0000611	0.04	0.00000198	0.0000999	0.00011	0.000882	0.000122
2036 Aug	0.0000896	0.000816	0.0182	0.00000157	1.07	1.53	0.0063	0.000147	8.25	0.000793	0.00464	0.0000484	0.0000621	0.0000577	0.0382	0.00000199	0.0000855	0.000102	0.000872	0.000101
2036 Sep	0.0000908	0.000801	0.0173	0.00000143	1.05	1.47	0.00575	0.000137	7.69	0.000733	0.00459	0.0000452	0.000056	0.0000552	0.0373	0.000002	0.0000752	0.0000941	0.000862	0.0000864
2036 Oct	0.0000912	0.000796	0.017	0.00000138	1.04	1.45	0.00551	0.000134	7.45	0.000708	0.0046	0.0000449	0.0000533	0.000054	0.037	0.00000199	0.0000708	0.0000912	0.000857	0.00008
2036 Nov	0.0000912	0.000796	0.0171	0.00000139	1.04	1.45	0.00551	0.000134	7.45	0.000708	0.0046	0.0000449	0.0000533	0.000054	0.037	0.00000199	0.0000708	0.0000912	0.000857	0.00008
2036 Dec	0.0000912	0.000796	0.0171	0.00000139	1.04	1.44	0.00551	0.000134	7.45	0.000708	0.0046	0.0000449	0.0000533	0.000054	0.037	0.00000199	0.0000708	0.0000912	0.000857	0.0000799
2037 Jan	0.0000912	0.000796	0.0171	0.00000139	1.04	1.44	0.00551	0.000134	7.45	0.000708	0.0046	0.0000449	0.0000533	0.000054	0.037	0.00000199	0.0000708	0.0000912	0.000857	0.0000799
2037 Feb	0.0000912	0.000796	0.0171	0.00000139	1.04	1.44	0.00551	0.000134	7.45	0.000708	0.0046	0.0000449	0.0000533	0.000054	0.037	0.00000199	0.0000708	0.0000912	0.000857	0.0000799
2037 Mar	0.0000912	0.000796	0.0171	0.00000139	1.04	1.44	0.00551	0.000134	7.45	0.000708	0.00461	0.0000449	0.0000533	0.000054	0.037	0.00000199	0.0000708	0.0000912	0.000857	0.0000799
2037 Apr	0.0000912	0.000796	0.0171	0.00000139	1.04	1.45	0.00551	0.000134	7.45	0.000708	0.00461	0.0000449	0.0000533	0.000054	0.037	0.00000199	0.0000708	0.0000913	0.000857	0.00008
2037 May	0.0000935	0.000799	0.018	0.00000143	1.05	1.46	0.00595	0.000134	7.45	0.000713	0.00464	0.0000487	0.000054	0.0000543	0.0376	0.00000199	0.0000709	0.0000963	0.000861	0.0000796
2037 Jun	0.0000958	0.000798	0.0193	0.00000147	1.04	1.46	0.00652	0.000132	7.31	0.000712	0.00466	0.0000546	0.0000543	0.0000541	0.038	0.00000199	0.0000689	0.000104	0.000865	0.0000762
2037 Jul	0.0000929	0.0008	0.019	0.00000142	1.02	1.42	0.00621	0.000127	7.03	0.000699	0.00465	0.0000544	0.0000516	0.000053	0.0371	0.00000199	0.0000644	0.000101	0.000863	0.0000697
2037 Aug	0.0000917	0.000796	0.0184	0.00000134	1.01	1.39	0.00585	0.000122	6.74	0.000675	0.00462	0.0000521	0.0000484	0.0000518	0.0363	0.000002	0.0000592	0.0000974	0.000858	0.0000625
2037 Sep	0.0000924	0.000789	0.0178	0.00000127	0.999	1.37	0.00554	0.000118	6.53	0.000648	0.00459	0.0000498	0.0000457	0.0000507	0.0359	0.000002	0.000055	0.000093	0.000854	0.0000566
2037 Oct	0.0000925	0.000786	0.0176	0.00000125	0.996	1.35	0.00539	0.000116	6.43	0.000636	0.00459	0.0000494	0.0000445	0.0000501	0.0358	0.000002	0.0000531	0.0000911	0.000851	0.0000538
2037 Nov	0.0000926	0.000786	0.0176	0.00000125	0.996	1.35	0.00539	0.000116	6.43	0.000636	0.0046	0.0000494	0.0000445	0.0000501	0.0358	0.000002	0.0000531	0.0000911	0.000851	0.0000538
2037 Dec	0.0000926	0.000786	0.0176	0.00000125	0.996	1.35	0.00539	0.000116	6.43	0.000636	0.0046	0.0000494	0.0000445	0.0000501	0.0358	0.000002	0.0000531	0.0000911	0.000851	0.0000538
2038 Jan	0.0000926	0.000786	0.0176	0.00000125	0.996	1.35	0.00539	0.000116	6.43	0.000636	0.0046	0.0000494	0.0000445	0.0000501	0.0358	0.000002	0.0000531	0.0000911	0.000851	0.0000538
2038 Feb	0.0000926	0.000786	0.0176	0.00000125	0.996	1.35	0.00539	0.000116	6.43	0.000636	0.0046	0.0000494	0.0000445	0.0000501	0.0358	0.000002	0.0000531	0.0000911	0.000851	0.0000538
2038 Mar	0.0000926	0.000786	0.0176	0.00000125	0.996	1.35	0.00539	0.000116	6.43	0.000636	0.0046	0.0000494	0.0000445	0.0000501	0.0358	0.000002	0.0000531	0.0000911	0.000851	0.0000538
2038 Apr	0.0000926	0.000787	0.0176	0.00000125	0.996	1.35	0.00539	0.000116	6.43	0.000636	0.0046	0.0000494	0.0000445	0.0000502	0.0358	0.000002	0.0000531	0.0000911	0.000851	0.0000538
2038 May	0.0000932	0.000788	0.0179	0.00000126	0.998	1.36	0.0055	0.000116	6.44	0.000638	0.00461	0.0000504	0.0000447	0.0000503	0.036	0.000002	0.0000532	0.0000925	0.000853	0.0000538
2038 Jun	0.000095	0.000788	0.0188	0.0000013	0.997	1.36	0.00594	0.000116	6.37	0.00064	0.00463	0.0000546	0.0000452	0.0000503	0.0364	0.000002	0.0000524	0.0000981	0.000856	0.0000523
2038 Jul	0.0000932	0.000792	0.0187	0.00000127	0.989	1.35	0.00576	0.000113	6.25	0.000636	0.00463	0.0000546	0.0000439	0.0000499	0.0359	0.000002	0.0000503	0.0000969	0.000857	0.0000492
2038 Aug	0.0000925	0.000791	0.0183	0.00000123	0.981	1.33	0.00554	0.000111	6.11	0.000625	0.00462	0.000053	0.0000422	0.0000493	0.0354	0.00000201	0.0000477	0.0000944	0.000855	0.0000456
2038 Sep	0.0000929	0.000785	0.0179	0.00000118	0.976	1.32	0.00533	0.000108	5.99	0.000608	0.0046	0.0000512	0.0000407	0.0000486	0.0352	0.00000201	0.0000454	0.0000914	0.000852	0.0000423
2038 Oct	0.000093	0.000784	0.0177	0.00000117	0.975	1.31	0.00525	0.000108	5.95	0.000602	0.0046	0.0000509	0.0000401	0.0000484	0.0352	0.00000201	0.0000445	0.0000903	0.00085	0.0000412
2038 Nov	0.000093	0.000784	0.0177	0.00000117	0.976	1.31	0.00525	0.000108	5.95	0.000602	0.0046	0.0000509	0.0000401	0.0000484	0.0352	0.00000201	0.0000445	0.0000903	0.00085	0.0000412
2038 Dec	0.000093	0.000784	0.0177	0.00000117	0.976	1.31	0.00525	0.000108	5.95	0.000602	0.0046	0.0000509	0.0000401	0.0000484	0.0352	0.00000201	0.0000445	0.0000903	0.00085	0.0000412

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	1380	1.18	1.53	0.0521	740	0.169	158	0.0000443	0.0000443	0.00000451	0.00806	0.00456	0.235	0.0199	0.00000665	35	0.0000301	0.00285
Operation (2024-2031): Mean	2380	1.94	2.52	0.0859	1220	0.341	319	0.0000574	0.0000574	0.00000892	0.016	0.0092	0.474	0.04	0.0000132	70.5	0.0000596	0.00576
Operation (2024-2031): Max	3170	2.71	3.51	0.12	1700	0.387	363	0.0000715	0.0000715	0.0000101	0.0181	0.0104	0.539	0.0452	0.000015	79.9	0.0000675	0.00655
Active Closure (2032-2038): Min	424	0.287	0.37	0.0132	184	0.105	82.2	0.0000603	0.0000603	0.00000602	0.00609	0.00247	0.121	0.0157	0.00000711	22.8	0.0000187	0.00148
Active Closure (2032-2038): Mean	789	0.575	0.744	0.0258	364	0.16	138	0.000596	0.000596	0.00000666	0.00839	0.00405	0.204	0.0213	0.0000085	33.9	0.0000283	0.00248
Active Closure (2032-2038): Max	2040	1.58	2.04	0.0696	991	0.345	323	0.000775	0.000775	0.00000903	0.0162	0.00931	0.479	0.0405	0.0000134	71.4	0.0000603	0.00583
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	423	0.151	0.187	0.00712	183	0.105	82.2	0.000467	0.000467	0.000006	0.0061	0.00247	0.121	0.0157	0.00000709	22.8	0.0000187	0.00148
Post Closure (2039-2119): Mean	567	0.216	0.274	0.0101	198	0.178	154	0.000617	0.000617	0.00000719	0.00937	0.00455	0.228	0.0241	0.00000925	38.1	0.0000318	0.00278
Post Closure (2039-2119): Max	677	0.288	0.371	0.0133	209	0.235	211	0.000777	0.000777	0.00000806	0.0119	0.00621	0.313	0.0308	0.0000109	50.3	0.0000421	0.00382
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun	1380	1.18	1.53	0.0521	740	0.169	158	0.0000492	0.0000492	0.00000451	0.00806	0.00456	0.235	0.0199	0.00000665	35	0.0000301	0.00285
2025 Jul	2390	2.04	2.65	0.0906	1290	0.293	274	0.0000639	0.0000639	0.00000773	0.0138	0.00791	0.407	0.0344	0.0000114	60.6	0.0000516	0.00495
2025 Aug	2650	2.27	2.94	0.1	1430	0.324	304	0.0000596	0.0000596	0.00000852	0.0152	0.00876	0.452	0.038	0.0000126	67.1	0.0000569	0.00549
2025 Sep	3170	2.71	3.51	0.12	1700	0.387	363	0.0000541	0.0000541	0.0000101	0.0181	0.0104	0.539	0.0452	0.000015	79.9	0.0000675	0.00655
2025 Oct	2900	2.48	3.22	0.11	1560	0.355	333	0.0000459	0.0000459	0.00000922	0.0166	0.00957	0.494	0.0415	0.0000137	73.3	0.0000618	0.006
2025 Nov	2820	2.41	3.13	0.107	1520	0.345	323	0.0000443	0.0000443	0.00000896	0.0161	0.0093	0.48	0.0403	0.0000133	71.3	0.00006	0.00583
2025 Dec	2820	2.41	3.13	0.107	1520	0.345	323	0.0000443	0.0000443	0.00000897	0.0161	0.00931	0.48	0.0403	0.0000133	71.3	0.0000601	0.00584
2026 Jan	2820	2.41	3.13	0.107	1520	0.345	323	0.0000443	0.0000443	0.00000897	0.0161	0.00931	0.48	0.0403	0.0000133	71.3	0.0000601	0.00584
2026 Feb	2820	2.41	3.13	0.107	1520	0.345	323	0.0000443	0.0000443	0.00000897	0.0161	0.00931	0.48	0.0403	0.0000133	71.3	0.0000601	0.00584
2026 Mar	2830	2.42	3.13	0.107	1520	0.346	324	0.0000444	0.0000444	0.00000897	0.0161	0.00932	0.481	0.0404	0.0000134	71.4	0.0000601	0.00584
2026 Apr	2840	2.43	3.14	0.107	1520	0.347	325	0.0000446	0.0000446	0.00000901	0.0162	0.00936	0.483	0.0405	0.0000134	71.7	0.0000604	0.00586
2026 May	2880	2.46	3.19	0.109	1550	0.353	330	0.0000455	0.0000455	0.00000915	0.0164	0.0095	0.49	0.0412	0.0000136	72.8	0.0000613	0.00596
2026 Jun	2580	2.18	2.82	0.0965	1370	0.331	310	0.0000715	0.0000715	0.00000874	0.0156	0.00896	0.461	0.0392	0.0000129	68.8	0.0000583	0.0056
2026 Jul	2600	2.18	2.83	0.0966	1370	0.338	316	0.0000671	0.0000671	0.00000889	0.0159	0.00913	0.47	0.0398	0.0000132	70.1	0.0000594	0.00571
2026 Aug	2610	2.19	2.84	0.097	1380	0.343	321	0.0000592	0.0000592	0.00000898	0.0161	0.00927	0.477	0.0403	0.0000133	71	0.0000601	0.0058
2026 Sep	2620	2.19	2.84	0.0972	1380	0.345	324	0.0000554	0.0000554	0.00000903	0.0162	0.00933	0.481	0.0406	0.0000134	71.5	0.0000604	0.00584
2026 Oct	2600	2.17	2.82	0.0963	1370	0.344	322	0.0000535	0.0000535	0.00000898	0.0161	0.00928	0.478	0.0403	0.0000133	71.1	0.0000601	0.00581
2026 Nov	2600	2.18	2.82	0.0965	1370	0.344	322	0.0000536	0.0000536	0.00000899	0.0161	0.00929	0.479	0.0404	0.0000134	71.2	0.0000602	0.00582
2026 Dec	2600	2.18	2.82	0.0965	1370	0.344	322	0.0000536	0.0000536	0.00000899	0.0161	0.00929	0.479	0.0404	0.0000134	71.2	0.0000602	0.00582
2027 Jan	2600	2.18	2.82	0.0965	1370	0.344	322	0.0000536	0.0000536	0.00000899	0.0161	0.00929	0.479	0.0404	0.0000134	71.2	0.0000602	0.00582
2027 Feb	2600	2.18	2.82	0.0965	1370	0.344	322	0.0000536	0.0000536	0.00000899	0.0161	0.00929	0.479	0.0404	0.0000134	71.2	0.0000602	0.00582
2027 Mar	2600	2.18	2.82	0.0965	1370	0.344	323	0.0000536	0.0000536	0.00000899	0.0161	0.0093	0.479	0.0404	0.0000134	71.2	0.0000602	0.00582
2027 Apr	2610	2.18	2.83	0.0967	1370	0.345	323	0.0000537	0.0000537	0.00000901	0.0161	0.00931	0.48	0.0405	0.0000134	71.4	0.0000603	0.00583
2027 May	2620	2.19	2.84	0.0972	1380	0.347	325	0.0000542	0.0000542	0.00000906	0.0162	0.00937	0.483	0.0407	0.0000135	71.8	0.0000606	0.00587
2027 Jun	2490	2.07	2.68	0.0916	1300	0.339	317	0.0000603	0.0000603	0.00000887	0.0159	0.00914	0.471	0.0398	0.0000132	70.1	0.0000594	0.00573
2027 Jul	2460	2.03	2.63	0.0897	1270	0.339	318	0.0000609	0.0000609	0.00000889	0.0159	0.00916	0.472	0.0398	0.0000132	70.2	0.0000595	0.00574
2027 Aug	2480	2.04	2.65	0.0903	1280	0.344	322	0.0000593	0.0000593	0.00000902	0.0161	0.00929	0.479	0.0404	0.0000134	71.2	0.0000603	0.00582
2027 Sep	2460	2.02	2.62	0.0893	1270	0.344	322	0.0000567	0.0000567	0.00000899	0.0161	0.00928	0.478	0.0403	0.0000133	71.1	0.0000602	0.00581
2027 Oct	2440	2.01	2.6	0.0886	1260	0.343	321	0.0000558	0.0000558	0.00000896	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.0058
2027 Nov	2440	2	2.6	0.0885	1260	0.343	321	0.0000559	0.0000559	0.00000896	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.0058
2027 Dec	2440	2	2.6	0.0885	1260	0.343	321	0.0000558	0.0000558	0.00000896	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.00579
2028 Jan	2440	2	2.6	0.0885	1260	0.343	321	0.0000558	0.0000558	0.00000896	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.00579
2028 Feb	2440	2	2.6	0.0885	1260	0.343	321	0.0000558	0.0000558	0.00000896	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.00579
2028 Mar	2440	2	2.6	0.0885	1260	0.343	321	0.0000559	0.0000559	0.00000896	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.0058
2028 Apr	2440	2.01	2.6	0.0886	1260	0.343	321	0.0000559	0.0000559	0.00000897	0.0161	0.00926	0.477	0.0402	0.0000133	71	0.00006	0.0058
2028 May	2450	2.01	2.61	0.0889	1260	0.344	322	0.0000561	0.0000561	0.000009	0.0161	0.00929	0.479	0.0404	0.0000134	71.2	0.0000602	0.00582
2028 Jun	2390	1.95	2.53	0.0862	1230	0.34	319	0.0000595	0.0000595	0.00000892	0.016	0.00919	0.474	0.0399	0.0000132	70.4	0.0000597	0.00576

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Jul	2360	1.92	2.49	0.0848	1210	0.341	319	0.0000603	0.0000603	0.00000893	0.016	0.0092	0.474	0.04	0.0000132	70.5	0.0000597	0.00576
2028 Aug	2390	1.95	2.52	0.086	1220	0.346	324	0.0000609	0.0000609	0.00000908	0.0163	0.00935	0.482	0.0406	0.0000135	71.7	0.0000607	0.00586
2028 Sep	2380	1.94	2.51	0.0856	1220	0.347	325	0.0000595	0.0000595	0.0000091	0.0163	0.00938	0.483	0.0407	0.0000135	71.9	0.0000609	0.00588
2028 Oct	2340	1.89	2.45	0.0837	1190	0.344	322	0.0000582	0.0000582	0.000009	0.0161	0.00928	0.478	0.0403	0.0000134	71.1	0.0000602	0.00581
2028 Nov	2340	1.89	2.45	0.0837	1190	0.344	322	0.0000587	0.0000587	0.000009	0.0161	0.00928	0.478	0.0403	0.0000134	71.1	0.0000602	0.00581
2028 Dec	2340	1.89	2.45	0.0837	1190	0.344	322	0.0000587	0.0000587	0.000009	0.0161	0.00928	0.478	0.0403	0.0000134	71.1	0.0000602	0.00581
2029 Jan	2340	1.89	2.45	0.0837	1190	0.344	322	0.0000587	0.0000587	0.000009	0.0161	0.00928	0.478	0.0403	0.0000134	71.1	0.0000602	0.00581
2029 Feb	2340	1.89	2.45	0.0837	1190	0.344	322	0.0000587	0.0000587	0.000009	0.0161	0.00928	0.478	0.0403	0.0000134	71.1	0.0000602	0.00581
2029 Mar	2340	1.89	2.45	0.0837	1190	0.344	322	0.0000587	0.0000587	0.000009	0.0161	0.00928	0.478	0.0403	0.0000134	71.1	0.0000602	0.00581
2029 Apr	2340	1.89	2.45	0.0837	1190	0.344	322	0.0000587	0.0000587	0.000009	0.0161	0.00928	0.478	0.0403	0.0000134	71.1	0.0000602	0.00581
2029 May	2340	1.9	2.46	0.0839	1190	0.345	323	0.0000588	0.0000588	0.00000902	0.0162	0.0093	0.479	0.0404	0.0000134	71.3	0.0000603	0.00583
2029 Jun	2330	1.88	2.44	0.0831	1180	0.344	322	0.0000612	0.0000612	0.00000902	0.0162	0.0093	0.479	0.0404	0.0000134	71.2	0.0000603	0.00582
2029 Jul	2220	1.78	2.3	0.0785	1120	0.338	317	0.0000612	0.0000612	0.00000887	0.0159	0.00913	0.471	0.0397	0.0000132	70	0.0000593	0.00572
2029 Aug	2220	1.77	2.3	0.0783	1110	0.341	319	0.0000606	0.0000606	0.00000893	0.016	0.0092	0.474	0.04	0.0000132	70.5	0.0000597	0.00576
2029 Sep	2220	1.77	2.29	0.0781	1110	0.342	320	0.0000599	0.0000599	0.00000896	0.016	0.00923	0.476	0.0401	0.0000133	70.7	0.0000599	0.00578
2029 Oct	2210	1.76	2.28	0.0776	1100	0.342	320	0.0000596	0.0000596	0.00000895	0.016	0.00922	0.475	0.04	0.0000133	70.6	0.0000598	0.00577
2029 Nov	2200	1.75	2.26	0.0772	1100	0.341	319	0.0000593	0.0000593	0.00000892	0.016	0.0092	0.474	0.0399	0.0000132	70.5	0.0000597	0.00576
2029 Dec	2200	1.75	2.26	0.0772	1100	0.341	319	0.0000593	0.0000593	0.00000892	0.016	0.0092	0.474	0.0399	0.0000132	70.5	0.0000597	0.00576
2030 Jan	2200	1.75	2.26	0.0772	1100	0.341	319	0.0000593	0.0000593	0.00000892	0.016	0.0092	0.474	0.0399	0.0000132	70.5	0.0000597	0.00576
2030 Feb	2200	1.75	2.26	0.0772	1100	0.341	319	0.0000593	0.0000593	0.00000892	0.016	0.0092	0.474	0.0399	0.0000132	70.5	0.0000597	0.00576
2030 Mar	2200	1.75	2.26	0.0772	1100	0.341	319	0.0000593	0.0000593	0.00000893	0.016	0.0092	0.474	0.04	0.0000132	70.5	0.0000597	0.00576
2030 Apr	2200	1.75	2.26	0.0772	1100	0.341	319	0.0000593	0.0000593	0.00000893	0.016	0.0092	0.474	0.04	0.0000132	70.5	0.0000597	0.00576
2030 May	2200	1.75	2.27	0.0774	1100	0.342	320	0.0000595	0.0000595	0.00000895	0.016	0.00923	0.476	0.0401	0.0000133	70.7	0.0000599	0.00578
2030 Jun	2170	1.72	2.23	0.076	1080	0.34	318	0.0000618	0.0000618	0.00000892	0.016	0.00918	0.473	0.0399	0.0000132	70.4	0.0000596	0.00575
2030 Jul	2130	1.68	2.18	0.0742	1060	0.339	317	0.0000615	0.0000615	0.00000889	0.0159	0.00916	0.472	0.0398	0.0000132	70.1	0.0000594	0.00573
2030 Aug	2130	1.68	2.17	0.0741	1050	0.341	320	0.000061	0.000061	0.00000895	0.016	0.00922	0.475	0.04	0.0000133	70.6	0.0000598	0.00577
2030 Sep	2140	1.68	2.18	0.0743	1060	0.344	322	0.000061	0.000061	0.000009	0.0161	0.00927	0.478	0.0403	0.0000134	71.1	0.0000602	0.00581
2030 Oct	2130	1.67	2.17	0.0738	1050	0.343	321	0.0000604	0.0000604	0.00000899	0.0161	0.00926	0.477	0.0402	0.0000133	70.9	0.0000601	0.0058
2030 Nov	2120	1.67	2.16	0.0735	1050	0.343	321	0.0000602	0.0000602	0.00000898	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.00579
2030 Dec	2120	1.67	2.16	0.0735	1050	0.343	321	0.0000602	0.0000602	0.00000898	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.00579
2031 Jan	2120	1.67	2.16	0.0735	1050	0.343	321	0.0000602	0.0000602	0.00000898	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.00579
2031 Feb	2120	1.67	2.16	0.0735	1050	0.343	321	0.0000602	0.0000602	0.00000898	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.00579
2031 Mar	2120	1.67	2.16	0.0735	1050	0.343	321	0.0000602	0.0000602	0.00000898	0.0161	0.00925	0.477	0.0402	0.0000133	70.9	0.00006	0.00579
2031 Apr	2130	1.67	2.16	0.0736	1050	0.343	321	0.0000603	0.0000603	0.00000899	0.0161	0.00926	0.477	0.0402	0.0000133	70.9	0.0000601	0.0058
2031 May	2130	1.67	2.16	0.0737	1050	0.344	322	0.0000608	0.0000608	0.00000901	0.0161	0.00928	0.478	0.0403	0.0000134	71.1	0.0000602	0.00581
2031 Jun	2090	1.63	2.11	0.0719	1020	0.342	320	0.0000622	0.0000622	0.00000897	0.0161	0.00923	0.476	0.0402	0.0000133	70.8	0.0000599	0.00578
2031 Jul	2110	1.64	2.13	0.0724	1030	0.346	324	0.0000628	0.0000628	0.00000906	0.0162	0.00933	0.481	0.0407	0.0000134	71.6	0.0000606	0.00584
2031 Aug	2100	1.63	2.12	0.0721	1030	0.348	325	0.0000621	0.0000621	0.00000911	0.0163	0.00939	0.483	0.0409	0.0000135	72	0.0000609	0.00588
2031 Sep	2070	1.6	2.08	0.0708	1010	0.346	324	0.0000608	0.0000608	0.00000907	0.0162	0.00935	0.482	0.0407	0.0000135	71.7	0.0000606	0.00585
2031 Oct	2040	1.57	2.04	0.0694	989	0.344	322	0.0000603	0.0000603	0.000009	0.0161	0.00928	0.478	0.0404	0.0000134	71.1	0.0000602	0.00581
2031 Nov	2040	1.57	2.04	0.0694	988	0.344	322	0.0000603	0.0000603	0.000009	0.0161	0.00928	0.478	0.0404	0.0000134	71.2	0.0000602	0.00581
2031 Dec	2040	1.57	2.04	0.0694	988	0.344	322	0.0000603	0.0000603	0.000009	0.0161	0.00928	0.478	0.0404	0.0000134	71.2	0.0000602	0.00581
2032 Jan	2040	1.57	2.04	0.0694	988	0.344	322	0.0000603	0.0000603	0.000009	0.0161	0.00928	0.478	0.0404	0.0000134	71.2	0.0000602	0.00581
2032 Feb	2040	1.57	2.04	0.0694	988	0.344	322	0.0000603	0.0000603	0.000009	0.0161	0.00928	0.478	0.0404	0.0000134	71.2	0.0000602	0.00581
2032 Mar	2040	1.57	2.04	0.0694	988	0.344	322	0.0000603	0.0000603	0.000009	0.0161	0.00928	0.478	0.0404	0.0000134	71.2	0.0000602	0.00581
2032 Apr	2040	1.57	2.04	0.0694	989	0.344	322	0.0000603	0.0000603	0.00000901	0.0161	0.00928	0.478	0.0404	0.0000134	71.2	0.0000602	0.00581
2032 May	2040	1.58	2.04	0.0696	991	0.345	323	0.0000605	0.0000605	0.00000903	0.0162	0.00931	0.479	0.0405	0.0000134	71.4	0.0000603	0.00583
2032 Jun	1900	1.45	1.88	0.0642	914	0.325	303	0.00011	0.00011	0.00000875	0.0154	0.00876	0.451	0.0385	0.0000129	67.4	0.000057	0.00548
2032 Jul	1600	1.21	1.57	0.0536	762	0.284	262	0.000221	0.000221	0.00000817	0.0135	0.00758	0.389	0.034	0.0000117	58.9	0.0000498	0.00474
2032 Aug	1360	1.03	1.33	0.0456	648	0.247	225	0.000334	0.000334	0.00000773	0.012	0.00653	0.334	0.0302	0.0000108	51.4	0.0000434	0.00407
2032 Sep	1200	0.9	1.16	0.04	567	0.22	198	0.000417	0.000417	0.00000741	0.0109	0.00576	0.294	0.0275	0.0000101	46	0.0000387	0.00357
2032 Oct	1130	0.845	1.09	0.0376	533	0.209	187	0.000452	0.000452	0.00000727	0.0104	0.00543	0.277	0.0263	0.00000978	43.7	0.0000367	0.00336
2032 Nov	1130	0.845	1.09	0.0376	533	0.209	187	0.000452	0.000452	0.00000727	0.0104	0.00544	0.277	0.0263	0.00000978	43.8	0.0000368	0.00337
2032 Dec	1130	0.845	1.09	0.0376	533	0.209	187	0.000451	0.000451	0.00000727	0.0104	0.00544	0.277	0.0264	0.00000978	43.8	0.0000368	0.00337
2033 Jan	1130	0.845	1.09	0.0376	533	0.209	187	0.000451	0.000451	0.00000727	0.0104	0.00544	0.277	0.0264	0.00000978	43.8	0.0000368	0.00337
2033 Feb	1130	0.845	1.09	0.0376	533	0.209	187	0.000451	0.000451	0.00000727	0.0104	0.00544	0.277	0.0264	0.00000978	43.8	0.0000368	0.00337
2033 Mar	1130	0.845	1.09	0.0376	533	0.209	187	0.000451	0.000451	0.00000727	0.0104	0.00544	0.277	0.0264	0.00000978	43.8	0.0000368	0.00337
2033 Apr	1130	0.846	1.1	0.0376	534	0.209	187	0.000452	0.000452	0.00000728	0.0104	0.00545	0.277	0.0264	0.00000979	43.8	0.0000368	0.00337
2033 May	1130	0.846	1.09	0.0376	534	0.21	188	0.000451	0.000451	0.00000729	0.0105	0.00546	0.278	0.0265	0.00000981	44	0.0000369	0.00338
2033 Jun	1100	0.815	1.05	0.0363	514	0.207	186	0.000449	0.000449	0.00000722	0.0104	0.00541	0.275	0.0262	0.00000972	43.5	0.0000365	0.00335
2033 Jul	1020	0.756	0.979	0.0337	477	0.196	174	0.000487	0.000487	0.0000071	0.00988	0.00508	0.258	0.025	0.00000943	41.2	0.0000345	0.00314
2033 Aug	934	0.69	0.893	0.0309	436	0.182	160	0.000535	0.000535	0.00000695	0.00929	0.00467	0.237	0.0236	0.00000909	38.3	0.0000321	0.00288
2033 Sep	862	0.634	0.82	0.0284	401	0.17	148	0.000568	0.000568	0.0000068	0.00882	0.00434	0.22	0.0224	0.00000878	36	0.0000301	0.00267
2033 Oct	829	0.607	0.785	0.0272	384	0.166	144	0.000575	0.000575	0.00000671	0.00863	0.00422	0.213	0.0219	0.00000864	35.1	0.0000293	0.00259
2033 Nov	829	0.607	0.785	0.0272	384	0.166	144	0.000574	0.000574	0.00000672	0.00863	0.00422	0.213	0.0219	0.00000864	35.1	0.0000293	0.00259
2033 Dec	829	0.607	0.785	0.0272	384	0.166	144	0.000574	0.000574	0.00000672	0.00863	0.00422	0.213	0.0219	0.00000864	35.1	0.0000293	0.00259
2034 Jan	829	0.607	0.785	0.0272	384	0.166	144	0.000574	0.000574	0.00000672	0.00863	0.00422	0.213	0.0219	0.00000864	35.1	0.0000293	0.00259
2034 Feb	829	0.607	0.785	0.0272	384	0.166	144	0.000574	0.000574	0.00000672	0.00863	0.00422	0.213	0.0219	0.00000864	35.1	0.0000293	0.00259
2034 Mar	829	0.607	0.785	0.0272	384	0.166	144	0.000574	0.000574	0.00000672	0.00863	0.00422	0.213	0.0219	0.00000864	35.1	0.0000293	0.0026
2034 Apr	830	0.607	0.785	0.0272	384	0.166	144	0.000575	0.000575	0.00000672	0.00864	0.00423	0.214	0.022	0.00000865	35.1	0.0000293	0.0026
2034 May	831	0.608	0.787	0.0273	385	0.167	144	0.000575	0.000575	0.00000673	0.00866	0.00424	0.214	0.022	0.00000866	35.2	0.0000294	0.0026

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Jun	819	0.596	0.771	0.0267	377	0.166	144	0.000574	0.000574	0.00000671	0.00863	0.00422	0.213	0.022	0.00000863	35.1	0.0000293	0.00259
2034 Jul	782	0.567	0.733	0.0255	359	0.161	138	0.000592	0.000592	0.00000665	0.0084	0.00407	0.205	0.0214	0.0000085	34	0.0000284	0.0025
2034 Aug	738	0.533	0.69	0.024	338	0.153	131	0.000623	0.000623	0.00000659	0.00809	0.00385	0.193	0.0206	0.00000833	32.5	0.0000271	0.00236
2034 Sep	696	0.501	0.648	0.0226	318	0.146	124	0.000641	0.000641	0.0000065	0.00781	0.00366	0.184	0.0199	0.00000815	31.1	0.0000259	0.00223
2034 Oct	676	0.485	0.627	0.0219	308	0.143	121	0.000645	0.000645	0.00000644	0.00768	0.00357	0.179	0.0196	0.00000805	30.5	0.0000254	0.00218
2034 Nov	676	0.485	0.627	0.0219	308	0.143	121	0.000645	0.000645	0.00000645	0.00768	0.00357	0.179	0.0196	0.00000806	30.5	0.0000254	0.00218
2034 Dec	676	0.485	0.627	0.0219	308	0.143	121	0.000645	0.000645	0.00000645	0.00768	0.00357	0.179	0.0196	0.00000806	30.5	0.0000254	0.00218
2035 Jan	676	0.485	0.627	0.0219	308	0.143	121	0.000645	0.000645	0.00000645	0.00768	0.00357	0.179	0.0196	0.00000806	30.5	0.0000254	0.00218
2035 Feb	676	0.485	0.627	0.0219	308	0.143	121	0.000645	0.000645	0.00000645	0.00768	0.00357	0.179	0.0196	0.00000806	30.5	0.0000254	0.00218
2035 Mar	676	0.485	0.627	0.0219	308	0.143	121	0.000645	0.000645	0.00000645	0.00768	0.00357	0.179	0.0196	0.00000806	30.5	0.0000254	0.00218
2035 Apr	677	0.485	0.628	0.0219	308	0.143	121	0.000646	0.000646	0.00000645	0.00769	0.00358	0.18	0.0196	0.00000806	30.6	0.0000254	0.00218
2035 May	678	0.487	0.629	0.022	309	0.144	122	0.000647	0.000647	0.00000646	0.00771	0.00359	0.18	0.0197	0.00000808	30.6	0.0000255	0.00219
2035 Jun	670	0.478	0.618	0.0216	303	0.144	121	0.00064	0.00064	0.00000643	0.00769	0.00358	0.18	0.0196	0.00000805	30.6	0.0000255	0.00219
2035 Jul	647	0.46	0.594	0.0208	292	0.14	118	0.000652	0.000652	0.0000064	0.00755	0.00349	0.175	0.0193	0.00000797	29.9	0.0000249	0.00213
2035 Aug	619	0.438	0.566	0.0198	278	0.136	113	0.00067	0.00067	0.00000636	0.00736	0.00336	0.168	0.0188	0.00000786	29	0.0000241	0.00204
2035 Sep	591	0.416	0.538	0.0189	265	0.131	109	0.000678	0.000678	0.00000628	0.00717	0.00323	0.162	0.0184	0.00000773	28.1	0.0000233	0.00196
2035 Oct	578	0.406	0.525	0.0184	258	0.129	107	0.000682	0.000682	0.00000624	0.00708	0.00317	0.158	0.0181	0.00000766	27.6	0.0000229	0.00192
2035 Nov	577	0.405	0.524	0.0184	258	0.129	107	0.00068	0.00068	0.00000624	0.00708	0.00317	0.159	0.0181	0.00000766	27.7	0.0000229	0.00193
2035 Dec	577	0.406	0.524	0.0184	258	0.129	107	0.00068	0.00068	0.00000624	0.00708	0.00317	0.159	0.0181	0.00000766	27.7	0.0000229	0.00193
2036 Jan	577	0.406	0.524	0.0184	258	0.129	107	0.00068	0.00068	0.00000624	0.00708	0.00317	0.159	0.0181	0.00000766	27.7	0.0000229	0.00193
2036 Feb	577	0.406	0.524	0.0184	258	0.129	107	0.00068	0.00068	0.00000624	0.00708	0.00317	0.159	0.0181	0.00000766	27.7	0.0000229	0.00193
2036 Mar	577	0.406	0.524	0.0184	258	0.129	107	0.00068	0.00068	0.00000624	0.00708	0.00317	0.159	0.0181	0.00000766	27.7	0.0000229	0.00193
2036 Apr	578	0.406	0.524	0.0184	258	0.129	107	0.00068	0.00068	0.00000624	0.00708	0.00318	0.159	0.0181	0.00000766	27.7	0.000023	0.00193
2036 May	579	0.407	0.525	0.0185	259	0.13	107	0.000682	0.000682	0.00000626	0.0071	0.00319	0.159	0.0182	0.00000768	27.8	0.000023	0.00193
2036 Jun	573	0.401	0.518	0.0182	255	0.129	107	0.000679	0.000679	0.00000623	0.00708	0.00317	0.159	0.0181	0.00000765	27.7	0.0000229	0.00193
2036 Jul	558	0.389	0.503	0.0177	248	0.127	105	0.000688	0.000688	0.00000621	0.00698	0.00311	0.155	0.0179	0.0000076	27.2	0.0000225	0.00189
2036 Aug	539	0.375	0.484	0.0171	239	0.124	101	0.000705	0.000705	0.0000062	0.00685	0.00301	0.15	0.0176	0.00000754	26.5	0.000022	0.00182
2036 Sep	519	0.36	0.465	0.0164	230	0.12	97.8	0.000715	0.000715	0.00000616	0.00671	0.00291	0.145	0.0172	0.00000745	25.8	0.0000214	0.00176
2036 Oct	509	0.352	0.455	0.0161	225	0.118	96.1	0.000718	0.000718	0.00000612	0.00663	0.00286	0.142	0.017	0.00000739	25.5	0.0000211	0.00173
2036 Nov	509	0.352	0.455	0.0161	225	0.118	96.1	0.000717	0.000717	0.00000612	0.00663	0.00286	0.142	0.017	0.00000739	25.5	0.0000211	0.00173
2036 Dec	509	0.352	0.455	0.0161	225	0.118	96.1	0.000717	0.000717	0.00000612	0.00663	0.00286	0.142	0.017	0.00000739	25.5	0.0000211	0.00173
2037 Jan	509	0.352	0.455	0.0161	225	0.118	96.1	0.000717	0.000717	0.00000612	0.00663	0.00286	0.142	0.017	0.00000739	25.5	0.0000211	0.00173
2037 Feb	509	0.352	0.455	0.0161	225	0.118	96.1	0.000717	0.000717	0.00000612	0.00663	0.00286	0.142	0.017	0.00000739	25.5	0.0000211	0.00173
2037 Mar	509	0.352	0.455	0.0161	225	0.118	96.1	0.000717	0.000717	0.00000612	0.00663	0.00286	0.142	0.017	0.00000739	25.5	0.0000211	0.00173
2037 Apr	509	0.352	0.455	0.0161	225	0.118	96.2	0.000717	0.000717	0.00000612	0.00664	0.00286	0.142	0.017	0.00000739	25.5	0.0000211	0.00173
2037 May	509	0.352	0.455	0.0161	225	0.119	96.4	0.000717	0.000717	0.00000613	0.00665	0.00287	0.143	0.0171	0.0000074	25.5	0.0000211	0.00173
2037 Jun	503	0.347	0.448	0.0158	221	0.118	96	0.00071	0.00071	0.00000608	0.00661	0.00286	0.142	0.017	0.00000735	25.4	0.000021	0.00173
2037 Jul	493	0.339	0.438	0.0155	216	0.116	94.3	0.000721	0.000721	0.00000609	0.00655	0.00281	0.139	0.0168	0.00000733	25.1	0.0000207	0.0017
2037 Aug	479	0.329	0.424	0.0151	210	0.114	91.6	0.000734	0.000734	0.00000608	0.00645	0.00274	0.135	0.0166	0.00000729	24.6	0.0000203	0.00165
2037 Sep	465	0.318	0.411	0.0146	203	0.111	89	0.000745	0.000745	0.00000606	0.00635	0.00266	0.132	0.0163	0.00000724	24.1	0.0000199	0.0016
2037 Oct	457	0.312	0.403	0.0143	200	0.11	87.6	0.000747	0.000747	0.00000604	0.00629	0.00262	0.13	0.0162	0.00000719	23.8	0.0000196	0.00158
2037 Nov	457	0.312	0.403	0.0143	200	0.11	87.7	0.000747	0.000747	0.00000604	0.00629	0.00262	0.13	0.0162	0.00000719	23.8	0.0000196	0.00158
2037 Dec	457	0.312	0.403	0.0143	200	0.11	87.7	0.000747	0.000747	0.00000604	0.00629	0.00262	0.13	0.0162	0.00000719	23.8	0.0000196	0.00158
2038 Jan	457	0.312	0.403	0.0143	200	0.11	87.7	0.000747	0.000747	0.00000604	0.00629	0.00262	0.13	0.0162	0.00000719	23.8	0.0000196	0.00158
2038 Feb	457	0.312	0.403	0.0143	200	0.11	87.7	0.000747	0.000747	0.00000604	0.00629	0.00262	0.13	0.0162	0.00000719	23.8	0.0000196	0.00158
2038 Mar	457	0.312	0.403	0.0143	200	0.11	87.7	0.000747	0.000747	0.00000604	0.00629	0.00262	0.13	0.0162	0.00000719	23.8	0.0000196	0.00158
2038 Apr	457	0.312	0.403	0.0144	200	0.11	87.7	0.000747	0.000747	0.00000604	0.00629	0.00262	0.13	0.0162	0.0000072	23.8	0.0000196	0.00158
2038 May	458	0.313	0.404	0.0144	200	0.11	87.9	0.000748	0.000748	0.00000605	0.00631	0.00263	0.13	0.0162	0.00000721	23.9	0.0000197	0.00158
2038 Jun	454	0.309	0.399	0.0142	198	0.11	87.6	0.000744	0.000744	0.00000602	0.00628	0.00262	0.129	0.0162	0.00000718	23.8	0.0000196	0.00158
2038 Jul	447	0.304	0.392	0.014	194	0.109	86.3	0.000756	0.000756	0.00000605	0.00624	0.00259	0.128	0.0161	0.00000718	23.5	0.0000194	0.00155
2038 Aug	436	0.296	0.382	0.0137	190	0.107	84.4	0.000768	0.000768	0.00000606	0.00618	0.00253	0.125	0.0159	0.00000716	23.2	0.0000191	0.00152
2038 Sep	426	0.288	0.372	0.0133	185	0.105	82.4	0.000775	0.000775	0.00000603	0.0061	0.00248	0.122	0.0157	0.00000712	22.8	0.0000188	0.00148
2038 Oct	424	0.287	0.37	0.0132	184	0.105	82.2	0.000775	0.000775	0.00000603	0.00609	0.00247	0.121	0.0157	0.00000711	22.8	0.0000187	0.00148
2038 Nov	424	0.287	0.37	0.0133	184	0.105	82.2	0.000775	0.000775	0.00000603	0.0061	0.00247	0.121	0.0157	0.00000711	22.8	0.0000187	0.00148
2038 Dec	424	0.287	0.37	0.0133	184	0.105	82.2	0.000775	0.000775	0.00000603	0.0061	0.00247	0.121	0.0157	0.00000711	22.8	0.0000187	0.00148
2039 Jan	424	0.287	0.37	0.0133	184	0.105	82.2	0.000775	0.000775	0.00000603	0.0061	0.00247	0.121	0.0157	0.00000711	22.8	0.0000187	0.00148
2039 Feb	424	0.287	0.37	0.0133	184	0.105	82.2	0.000775	0.000775	0.00000603	0.0061	0.00247	0.121	0.0157	0.00000711	22.8	0.0000187	0.00148
2039 Mar	424	0.287	0.37	0.0133	184	0.105	82.2	0.000775	0.000775	0.00000603	0.0061	0.00247	0.122	0.0157	0.00000711	22.8	0.0000187	0.00148
2039 Apr	424	0.287	0.37	0.0133	184	0.105	82.3	0.000775	0.000775	0.00000603	0.0061	0.00247	0.122	0.0157	0.00000711	22.8	0.0000188	0.00148
2039 May	425	0.288	0.371	0.0133	184	0.105	82.4	0.000777	0.000777	0.00000605	0.00611	0.00248	0.122	0.0158	0.00000713	22.8	0.0000188	0.00148
2039 Jun	424	0.285	0.368	0.0132	183	0.105	82.6	0.000771	0.000771	0.00000602	0.00611	0.00248	0.122	0.0157	0.00000711	22.8	0.0000188	0.00149
2039 Jul	423	0.283	0.365	0.0131	183	0.106	83.1	0.000765	0.000765	0.000006	0.00611	0.00249	0.123	0.0158	0.00000709	22.9	0.0000189	0.00149
2039 Aug	425	0.283	0.365	0.0131	183	0.106	83.7	0.000766	0.000766	0.00000602	0.00615	0.00251	0.124	0.0158	0.00000712	23	0.000019	0.0015
2039 Sep	427	0.284	0.366	0.0131	184	0.107	84.1	0.000767	0.000767	0.00000604	0.00617	0.00252	0.124	0.0159	0.00000715	23.1	0.0000191	0.00151
2039 Oct	427	0.283	0.365	0.0131	184	0.107	84.2	0.000767	0.000767	0.00000604	0.00617	0.00253	0.124	0.0159	0.00000715	23.1	0.0000191	0.00151
2039 Nov	427	0.284	0.366	0.0131	184	0.107	84.2	0.000767	0.000767	0.00000604	0.00618	0.00253	0.124	0.0159	0.00000715	23.2	0.0000191	0.00151
2039 Dec	427	0.284	0.366	0.0131	184	0.107	84.2	0.000767	0.000767	0.00000604	0.00618	0.00253	0.124	0.0159	0.00000715	23.2	0.0000191	0.00151
2040 Jan	427	0.284	0.366	0.0131	184	0.107	84.2	0.000767	0.000767	0.00000604	0.00618	0.00253	0.124	0.0159	0.00000715	23.2	0.0000191	0.00151
2040 Feb	427	0.284	0.366	0.0131	184	0.107	84.2	0.000767	0.000767	0.00000604	0.00618	0.00253	0.124	0.0159	0.00000715	23.2	0.0000191	0.00151
2040 Mar	427	0.284	0.366	0.0131	184	0.107	84.2	0.000767	0.000767	0.00000604	0.00618	0.00253	0.124	0.0159	0.00000715	23.2	0.0000191	0.00151
2040 Apr	427	0.284	0.366	0.0131	184	0.107	84.2	0.000767	0.000767	0.00000605	0.00618	0.00253	0.125	0.0159	0.00000715	23.2	0.0000191	0.00152

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2040 May	428	0.284	0.366	0.0131	184	0.107	84.4	0.000769	0.000769	0.00000606	0.00619	0.00253	0.125	0.016	0.00000717	23.2	0.0000191	0.00152
2040 Jun	427	0.281	0.363	0.013	183	0.107	84.6	0.000762	0.000762	0.00000603	0.00619	0.00254	0.125	0.0159	0.00000714	23.2	0.0000192	0.00152
2040 Jul	429	0.282	0.364	0.013	184	0.108	85.3	0.000764	0.000764	0.00000606	0.00622	0.00256	0.126	0.016	0.00000718	23.4	0.0000193	0.00153
2040 Aug	431	0.283	0.365	0.0131	185	0.109	85.9	0.000766	0.000766	0.00000609	0.00626	0.00258	0.127	0.0161	0.00000722	23.5	0.0000194	0.00154
2040 Sep	432	0.283	0.365	0.0131	185	0.109	86.2	0.000767	0.000767	0.0000061	0.00628	0.00259	0.127	0.0162	0.00000723	23.6	0.0000195	0.00155
2040 Oct	433	0.283	0.365	0.0131	185	0.109	86.4	0.000767	0.000767	0.0000061	0.00629	0.00259	0.128	0.0162	0.00000724	23.6	0.0000195	0.00155
2040 Nov	433	0.283	0.365	0.0131	185	0.109	86.4	0.000767	0.000767	0.00000611	0.00629	0.00259	0.128	0.0162	0.00000724	23.7	0.0000195	0.00155
2040 Dec	433	0.283	0.365	0.0131	185	0.109	86.4	0.000767	0.000767	0.00000611	0.00629	0.00259	0.128	0.0162	0.00000724	23.7	0.0000195	0.00155
2041 Jan	433	0.283	0.365	0.0131	185	0.109	86.4	0.000767	0.000767	0.00000611	0.00629	0.00259	0.128	0.0162	0.00000724	23.7	0.0000195	0.00155
2041 Feb	433	0.283	0.365	0.0131	185	0.109	86.4	0.000767	0.000767	0.00000611	0.00629	0.00259	0.128	0.0162	0.00000724	23.7	0.0000195	0.00155
2041 Mar	433	0.283	0.365	0.0131	185	0.109	86.4	0.000767	0.000767	0.00000611	0.00629	0.00259	0.128	0.0162	0.00000724	23.7	0.0000195	0.00155
2041 Apr	433	0.283	0.365	0.0131	185	0.109	86.4	0.000768	0.000768	0.00000611	0.00629	0.00259	0.128	0.0162	0.00000724	23.7	0.0000195	0.00155
2041 May	434	0.284	0.366	0.0131	185	0.109	86.6	0.000769	0.000769	0.00000612	0.0063	0.0026	0.128	0.0162	0.00000725	23.7	0.0000195	0.00156
2041 Jun	433	0.282	0.363	0.013	184	0.109	86.7	0.000764	0.000764	0.0000061	0.0063	0.0026	0.128	0.0162	0.00000724	23.7	0.0000196	0.00156
2041 Jul	431	0.279	0.359	0.0129	183	0.11	87	0.000756	0.000756	0.00000607	0.0063	0.00261	0.129	0.0162	0.00000721	23.7	0.0000196	0.00157
2041 Aug	434	0.28	0.361	0.013	185	0.11	87.8	0.00076	0.00076	0.00000611	0.00634	0.00263	0.13	0.0163	0.00000726	23.9	0.0000198	0.00158
2041 Sep	436	0.281	0.362	0.013	185	0.111	88.1	0.000761	0.000761	0.00000612	0.00636	0.00264	0.13	0.0164	0.00000728	24	0.0000198	0.00159
2041 Oct	436	0.28	0.361	0.013	185	0.111	88.3	0.00076	0.00076	0.00000612	0.00637	0.00265	0.131	0.0164	0.00000728	24	0.0000198	0.00159
2041 Nov	436	0.281	0.362	0.013	185	0.111	88.3	0.000761	0.000761	0.00000613	0.00637	0.00265	0.131	0.0164	0.00000729	24	0.0000199	0.00159
2041 Dec	436	0.281	0.362	0.013	185	0.111	88.3	0.000761	0.000761	0.00000613	0.00637	0.00265	0.131	0.0164	0.00000729	24	0.0000199	0.00159
2042 Jan	436	0.281	0.362	0.013	185	0.111	88.3	0.000761	0.000761	0.00000613	0.00637	0.00265	0.131	0.0164	0.00000729	24	0.0000199	0.00159
2042 Feb	436	0.281	0.362	0.013	185	0.111	88.3	0.000761	0.000761	0.00000613	0.00637	0.00265	0.131	0.0164	0.00000729	24	0.0000199	0.00159
2042 Mar	436	0.281	0.362	0.013	185	0.111	88.3	0.000761	0.000761	0.00000613	0.00637	0.00265	0.131	0.0164	0.00000729	24.1	0.0000199	0.00159
2042 Apr	436	0.281	0.362	0.013	185	0.111	88.4	0.000761	0.000761	0.00000613	0.00638	0.00265	0.131	0.0164	0.00000729	24.1	0.0000199	0.00159
2042 May	438	0.281	0.363	0.013	186	0.111	88.7	0.000763	0.000763	0.00000615	0.0064	0.00266	0.131	0.0165	0.00000731	24.1	0.0000199	0.0016
2042 Jun	437	0.28	0.361	0.0129	185	0.112	88.9	0.000759	0.000759	0.00000613	0.0064	0.00266	0.131	0.0165	0.0000073	24.2	0.00002	0.0016
2042 Jul	438	0.279	0.359	0.0129	185	0.112	89.3	0.000757	0.000757	0.00000613	0.00642	0.00268	0.132	0.0165	0.00000731	24.2	0.00002	0.00161
2042 Aug	438	0.278	0.358	0.0128	185	0.112	89.7	0.000754	0.000754	0.00000613	0.00643	0.00269	0.133	0.0165	0.00000731	24.3	0.0000201	0.00161
2042 Sep	438	0.277	0.357	0.0128	184	0.113	90	0.000752	0.000752	0.00000613	0.00644	0.0027	0.133	0.0166	0.00000731	24.4	0.0000201	0.00162
2042 Oct	438	0.276	0.356	0.0128	184	0.113	90.1	0.00075	0.00075	0.00000612	0.00644	0.0027	0.133	0.0166	0.00000731	24.4	0.0000201	0.00162
2042 Nov	438	0.276	0.356	0.0128	184	0.113	90.1	0.000751	0.000751	0.00000613	0.00644	0.0027	0.133	0.0166	0.00000731	24.4	0.0000202	0.00162
2042 Dec	438	0.276	0.356	0.0128	184	0.113	90.1	0.000751	0.000751	0.00000613	0.00644	0.0027	0.133	0.0166	0.00000731	24.4	0.0000202	0.00162
2043 Jan	438	0.276	0.356	0.0128	184	0.113	90.1	0.000751	0.000751	0.00000613	0.00644	0.0027	0.133	0.0166	0.00000731	24.4	0.0000202	0.00162
2043 Feb	438	0.276	0.356	0.0128	184	0.113	90.1	0.000751	0.000751	0.00000613	0.00644	0.0027	0.133	0.0166	0.00000731	24.4	0.0000202	0.00162
2043 Mar	438	0.276	0.356	0.0128	184	0.113	90.1	0.000751	0.000751	0.00000613	0.00644	0.0027	0.133	0.0166	0.00000731	24.4	0.0000202	0.00162
2043 Apr	438	0.277	0.356	0.0128	184	0.113	90.2	0.000751	0.000751	0.00000613	0.00644	0.0027	0.133	0.0166	0.00000732	24.4	0.0000202	0.00162
2043 May	439	0.277	0.357	0.0128	185	0.113	90.5	0.000753	0.000753	0.00000615	0.00646	0.00271	0.134	0.0166	0.00000734	24.5	0.0000202	0.00163
2043 Jun	439	0.275	0.355	0.0127	184	0.113	90.7	0.000749	0.000749	0.00000613	0.00646	0.00271	0.134	0.0166	0.00000732	24.5	0.0000203	0.00163
2043 Jul	442	0.277	0.357	0.0128	185	0.114	91.5	0.000753	0.000753	0.00000617	0.00651	0.00274	0.135	0.0168	0.00000738	24.7	0.0000204	0.00165
2043 Aug	445	0.278	0.358	0.0129	186	0.115	92.2	0.000757	0.000757	0.00000621	0.00656	0.00276	0.136	0.0169	0.00000743	24.9	0.0000206	0.00166
2043 Sep	446	0.278	0.358	0.0129	187	0.116	92.6	0.000757	0.000757	0.00000622	0.00658	0.00277	0.137	0.0169	0.00000744	25	0.0000207	0.00167
2043 Oct	446	0.278	0.358	0.0128	187	0.116	92.7	0.000756	0.000756	0.00000622	0.00658	0.00277	0.137	0.0169	0.00000744	25	0.0000207	0.00167
2043 Nov	446	0.278	0.358	0.0128	186	0.116	92.7	0.000755	0.000755	0.00000621	0.00658	0.00277	0.137	0.0169	0.00000744	25	0.0000207	0.00167
2043 Dec	446	0.278	0.358	0.0128	186	0.116	92.7	0.000755	0.000755	0.00000621	0.00658	0.00277	0.137	0.0169	0.00000744	25	0.0000207	0.00167
2044 Jan	446	0.278	0.358	0.0128	186	0.116	92.7	0.000755	0.000755	0.00000621	0.00658	0.00277	0.137	0.0169	0.00000744	25	0.0000207	0.00167
2044 Feb	446	0.278	0.358	0.0128	186	0.116	92.7	0.000755	0.000755	0.00000622	0.00658	0.00277	0.137	0.0169	0.00000744	25	0.0000207	0.00167
2044 Mar	446	0.278	0.358	0.0128	186	0.116	92.7	0.000755	0.000755	0.00000622	0.00658	0.00277	0.137	0.0169	0.00000744	25	0.0000207	0.00167
2044 Apr	446	0.278	0.358	0.0128	187	0.116	92.7	0.000755	0.000755	0.00000622	0.00658	0.00278	0.137	0.0169	0.00000744	25	0.0000207	0.00167
2044 May	447	0.278	0.358	0.0129	187	0.116	92.9	0.000757	0.000757	0.00000623	0.0066	0.00278	0.137	0.017	0.00000746	25.1	0.0000207	0.00167
2044 Jun	445	0.275	0.354	0.0127	185	0.116	93	0.000749	0.000749	0.00000619	0.00658	0.00278	0.137	0.0169	0.00000742	25	0.0000207	0.00167
2044 Jul	447	0.276	0.355	0.0127	186	0.116	93.6	0.00075	0.00075	0.00000622	0.00662	0.0028	0.139	0.017	0.00000745	25.2	0.0000208	0.00169
2044 Aug	451	0.278	0.358	0.0128	188	0.118	94.5	0.000756	0.000756	0.00000627	0.00668	0.00283	0.14	0.0172	0.00000752	25.4	0.000021	0.0017
2044 Sep	451	0.277	0.356	0.0128	187	0.118	94.7	0.000753	0.000753	0.00000626	0.00668	0.00283	0.14	0.0172	0.00000751	25.4	0.000021	0.00171
2044 Oct	450	0.276	0.356	0.0128	187	0.118	94.8	0.000752	0.000752	0.00000626	0.00668	0.00284	0.14	0.0172	0.00000751	25.4	0.0000211	0.00171
2044 Nov	450	0.276	0.356	0.0128	187	0.118	94.9	0.000752	0.000752	0.00000626	0.00669	0.00284	0.14	0.0172	0.00000751	25.5	0.0000211	0.00171
2044 Dec	451	0.276	0.356	0.0128	187	0.118	94.9	0.000752	0.000752	0.00000626	0.00669	0.00284	0.14	0.0172	0.00000751	25.5	0.0000211	0.00171
2045 Jan	451	0.276	0.356	0.0128	187	0.118	94.9	0.000752	0.000752	0.00000626	0.00669	0.00284	0.14	0.0172	0.00000751	25.5	0.0000211	0.00171
2045 Feb	451	0.276	0.356	0.0128	187	0.118	94.9	0.000752	0.000752	0.00000626	0.00669	0.00284	0.14	0.0172	0.00000751	25.5	0.0000211	0.00171
2045 Mar	451	0.276	0.356	0.0128	187	0.118	94.9	0.000752	0.000752	0.00000626	0.00669	0.00284	0.14	0.0172	0.00000751	25.5	0.0000211	0.00171
2045 Apr	451	0.276	0.356	0.0128	187	0.118	94.9	0.000752	0.000752	0.00000626	0.00669	0.00284	0.14	0.0172	0.00000751	25.5	0.0000211	0.00171
2045 May	452	0.277	0.356	0.0128	188	0.118	95.1	0.000754	0.000754	0.00000627	0.0067	0.00284	0.141	0.0172	0.00000753	25.5	0.0000211	0.00171
2045 Jun	451	0.275	0.354	0.0127	187	0.118	95.2	0.00075	0.00075	0.00000626	0.0067	0.00285	0.141	0.0172	0.00000751	25.5	0.0000211	0.00171
2045 Jul	453	0.275	0.355	0.0127	187	0.119	95.8	0.000751	0.000751	0.00000628	0.00673	0.00287	0.142	0.0173	0.00000754	25.7	0.0000213	0.00173
2045 Aug	455	0.277	0.356	0.0128	188	0.12	96.5	0.000754	0.000754	0.00000631	0.00678	0.00289	0.143	0.0174	0.00000759	25.8	0.0000214	0.00174
2045 Sep	456	0.276	0.356	0.0128	189	0.12	96.9	0.000754	0.000754	0.00000632	0.00679	0.0029	0.143	0.0175	0.0000076	25.9	0.0000215	0.00174
2045 Oct	457	0.277	0.356	0.0128	189	0.12	97	0.000754	0.000754	0.00000633	0.0068	0.0029	0.144	0.0175	0.00000761	25.9	0.0000215	0.00175
2045 Nov	457	0.277	0.356	0.0128	189	0.12	97	0.000755	0.000755	0.00000633	0.0068	0.0029	0.144	0.0175	0.00000761	26	0.0000215	0.00175
2045 Dec	457	0.277	0.356	0.0128	189	0.12	97	0.000755	0.000755	0.00000633	0.0068	0.0029	0.144	0.0175	0.00000761	26	0.0000215	0.00175
2046 Jan	457	0.277	0.356	0.0128	189	0.12	97	0.000755	0.000755	0.00000633	0.0068	0.0029	0.144	0.0175	0.00000761	26	0.0000215	0.00175
2046 Feb	457	0.277	0.356	0.0128	189	0.12	97	0.000755	0.000755	0.00000633	0.0068	0.0029	0.144	0.0175	0.00000761	26	0.0000215	0.00175
2046 Mar	457	0.277	0.356	0.0128	189	0.12	97.1	0.000755	0.000755	0.00000633	0.00681	0.0029	0.144	0.0175	0.00000761	26	0.0000215	0.00175

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2046 Apr	457	0.277	0.357	0.0128	189	0.12	97.1	0.000755	0.000755	0.00000634	0.00681	0.0029	0.144	0.0175	0.00000762	26	0.0000215	0.00175
2046 May	458	0.278	0.357	0.0128	189	0.121	97.3	0.000757	0.000757	0.00000635	0.00682	0.00291	0.144	0.0175	0.00000763	26	0.0000216	0.00175
2046 Jun	456	0.275	0.354	0.0127	188	0.12	97.3	0.00075	0.00075	0.00000632	0.00681	0.00291	0.144	0.0175	0.0000076	26	0.0000215	0.00175
2046 Jul	456	0.273	0.351	0.0126	188	0.121	97.6	0.000745	0.000745	0.0000063	0.00681	0.00292	0.144	0.0175	0.00000759	26	0.0000216	0.00176
2046 Aug	458	0.274	0.353	0.0127	188	0.121	98.3	0.000748	0.000748	0.00000634	0.00686	0.00294	0.146	0.0176	0.00000763	26.2	0.0000217	0.00177
2046 Sep	458	0.273	0.352	0.0126	188	0.122	98.6	0.000746	0.000746	0.00000633	0.00686	0.00294	0.146	0.0176	0.00000763	26.2	0.0000218	0.00177
2046 Oct	458	0.272	0.351	0.0126	188	0.122	98.6	0.000744	0.000744	0.00000632	0.00686	0.00294	0.146	0.0176	0.00000762	26.2	0.0000218	0.00178
2046 Nov	458	0.272	0.351	0.0126	188	0.122	98.6	0.000744	0.000744	0.00000632	0.00686	0.00295	0.146	0.0176	0.00000762	26.2	0.0000218	0.00178
2046 Dec	458	0.272	0.351	0.0126	188	0.122	98.6	0.000744	0.000744	0.00000632	0.00686	0.00295	0.146	0.0176	0.00000762	26.2	0.0000218	0.00178
2047 Jan	458	0.272	0.351	0.0126	188	0.122	98.6	0.000744	0.000744	0.00000632	0.00686	0.00295	0.146	0.0176	0.00000762	26.2	0.0000218	0.00178
2047 Feb	458	0.272	0.351	0.0126	188	0.122	98.6	0.000744	0.000744	0.00000632	0.00686	0.00295	0.146	0.0176	0.00000762	26.2	0.0000218	0.00178
2047 Mar	458	0.273	0.351	0.0126	188	0.122	98.7	0.000744	0.000744	0.00000632	0.00686	0.00295	0.146	0.0176	0.00000763	26.3	0.0000218	0.00178
2047 Apr	458	0.273	0.351	0.0126	188	0.122	98.7	0.000744	0.000744	0.00000633	0.00686	0.00295	0.146	0.0176	0.00000763	26.3	0.0000218	0.00178
2047 May	459	0.273	0.351	0.0126	188	0.122	98.8	0.000745	0.000745	0.00000633	0.00687	0.00295	0.146	0.0176	0.00000764	26.3	0.0000218	0.00178
2047 Jun	458	0.27	0.348	0.0125	187	0.122	99	0.000739	0.000739	0.00000631	0.00687	0.00296	0.146	0.0176	0.00000761	26.3	0.0000218	0.00178
2047 Jul	461	0.272	0.35	0.0126	189	0.123	99.8	0.000744	0.000744	0.00000635	0.00692	0.00298	0.148	0.0178	0.00000767	26.5	0.000022	0.0018
2047 Aug	464	0.274	0.352	0.0127	190	0.124	101	0.000748	0.000748	0.00000639	0.00697	0.003	0.149	0.0179	0.00000772	26.7	0.0000222	0.00181
2047 Sep	464	0.273	0.351	0.0126	190	0.124	101	0.000746	0.000746	0.00000639	0.00698	0.00301	0.149	0.0179	0.00000773	26.8	0.0000222	0.00182
2047 Oct	464	0.272	0.35	0.0126	189	0.124	101	0.000744	0.000744	0.00000638	0.00698	0.00301	0.149	0.0179	0.00000772	26.8	0.0000222	0.00182
2047 Nov	464	0.272	0.35	0.0126	189	0.124	101	0.000744	0.000744	0.00000638	0.00698	0.00301	0.149	0.0179	0.00000772	26.8	0.0000222	0.00182
2047 Dec	464	0.272	0.35	0.0126	189	0.124	101	0.000744	0.000744	0.00000638	0.00698	0.00301	0.149	0.0179	0.00000772	26.8	0.0000222	0.00182
2048 Jan	464	0.272	0.35	0.0126	189	0.124	101	0.000744	0.000744	0.00000638	0.00698	0.00301	0.149	0.0179	0.00000772	26.8	0.0000222	0.00182
2048 Feb	464	0.272	0.35	0.0126	189	0.124	101	0.000744	0.000744	0.00000638	0.00698	0.00301	0.149	0.0179	0.00000772	26.8	0.0000222	0.00182
2048 Mar	464	0.272	0.35	0.0126	189	0.124	101	0.000744	0.000744	0.00000638	0.00698	0.00301	0.149	0.0179	0.00000772	26.8	0.0000222	0.00182
2048 Apr	464	0.272	0.35	0.0126	189	0.124	101	0.000744	0.000744	0.00000639	0.00698	0.00301	0.149	0.0179	0.00000772	26.8	0.0000222	0.00182
2048 May	465	0.273	0.351	0.0126	190	0.124	101	0.000746	0.000746	0.0000064	0.007	0.00302	0.15	0.018	0.00000774	26.8	0.0000223	0.00182
2048 Jun	464	0.27	0.348	0.0125	189	0.124	101	0.00074	0.00074	0.00000637	0.00698	0.00302	0.15	0.0179	0.00000771	26.8	0.0000222	0.00182
2048 Jul	464	0.269	0.346	0.0125	188	0.125	102	0.000736	0.000736	0.00000636	0.00699	0.00303	0.15	0.0179	0.00000771	26.9	0.0000223	0.00183
2048 Aug	466	0.269	0.347	0.0125	189	0.125	102	0.000738	0.000738	0.00000639	0.00703	0.00305	0.151	0.018	0.00000774	27	0.0000224	0.00184
2048 Sep	466	0.269	0.346	0.0125	189	0.126	103	0.000737	0.000737	0.00000639	0.00704	0.00306	0.152	0.0181	0.00000775	27.1	0.0000225	0.00185
2048 Oct	466	0.269	0.346	0.0124	189	0.126	103	0.000736	0.000736	0.00000639	0.00704	0.00306	0.152	0.0181	0.00000775	27.1	0.0000225	0.00185
2048 Nov	466	0.269	0.346	0.0124	189	0.126	103	0.000736	0.000736	0.00000639	0.00704	0.00306	0.152	0.0181	0.00000775	27.1	0.0000225	0.00185
2048 Dec	466	0.269	0.346	0.0124	189	0.126	103	0.000736	0.000736	0.00000639	0.00704	0.00306	0.152	0.0181	0.00000775	27.1	0.0000225	0.00185
2049 Jan	466	0.269	0.346	0.0124	189	0.126	103	0.000736	0.000736	0.00000639	0.00704	0.00306	0.152	0.0181	0.00000775	27.1	0.0000225	0.00185
2049 Feb	466	0.269	0.346	0.0124	189	0.126	103	0.000736	0.000736	0.00000639	0.00704	0.00306	0.152	0.0181	0.00000775	27.1	0.0000225	0.00185
2049 Mar	466	0.269	0.346	0.0124	189	0.126	103	0.000736	0.000736	0.00000639	0.00705	0.00306	0.152	0.0181	0.00000775	27.1	0.0000225	0.00185
2049 Apr	466	0.269	0.346	0.0124	189	0.126	103	0.000736	0.000736	0.00000639	0.00705	0.00306	0.152	0.0181	0.00000775	27.1	0.0000225	0.00185
2049 May	467	0.269	0.346	0.0125	189	0.126	103	0.000738	0.000738	0.00000641	0.00706	0.00307	0.152	0.0181	0.00000777	27.2	0.0000226	0.00185
2049 Jun	465	0.267	0.343	0.0123	188	0.126	103	0.000731	0.000731	0.00000637	0.00704	0.00307	0.152	0.0181	0.00000773	27.1	0.0000225	0.00185
2049 Jul	466	0.266	0.342	0.0123	188	0.126	103	0.000729	0.000729	0.00000638	0.00706	0.00308	0.153	0.0181	0.00000774	27.2	0.0000226	0.00186
2049 Aug	470	0.268	0.344	0.0124	189	0.127	104	0.000734	0.000734	0.00000643	0.00712	0.00311	0.154	0.0183	0.0000078	27.4	0.0000228	0.00188
2049 Sep	470	0.267	0.344	0.0124	189	0.128	105	0.000733	0.000733	0.00000643	0.00713	0.00312	0.155	0.0183	0.00000781	27.5	0.0000228	0.00188
2049 Oct	470	0.266	0.343	0.0123	189	0.128	105	0.000731	0.000731	0.00000642	0.00713	0.00312	0.155	0.0183	0.0000078	27.5	0.0000228	0.00188
2049 Nov	470	0.266	0.343	0.0123	189	0.128	105	0.000731	0.000731	0.00000642	0.00713	0.00312	0.155	0.0183	0.0000078	27.5	0.0000228	0.00188
2049 Dec	470	0.266	0.343	0.0123	189	0.128	105	0.000731	0.000731	0.00000642	0.00713	0.00312	0.155	0.0183	0.0000078	27.5	0.0000228	0.00188
2050 Jan	470	0.266	0.343	0.0123	189	0.128	105	0.000731	0.000731	0.00000642	0.00713	0.00312	0.155	0.0183	0.0000078	27.5	0.0000228	0.00188
2050 Feb	470	0.266	0.343	0.0123	189	0.128	105	0.000731	0.000731	0.00000642	0.00713	0.00312	0.155	0.0183	0.0000078	27.5	0.0000228	0.00188
2050 Mar	470	0.266	0.343	0.0123	189	0.128	105	0.000731	0.000731	0.00000642	0.00713	0.00312	0.155	0.0183	0.0000078	27.5	0.0000228	0.00188
2050 Apr	470	0.267	0.343	0.0123	189	0.128	105	0.000731	0.000731	0.00000642	0.00714	0.00312	0.155	0.0183	0.00000781	27.5	0.0000229	0.00189
2050 May	471	0.267	0.343	0.0124	190	0.128	105	0.000733	0.000733	0.00000643	0.00715	0.00313	0.155	0.0183	0.00000782	27.6	0.0000229	0.00189
2050 Jun	470	0.265	0.341	0.0123	189	0.128	105	0.000728	0.000728	0.00000641	0.00714	0.00313	0.155	0.0183	0.0000078	27.6	0.0000229	0.00189
2050 Jul	469	0.263	0.339	0.0122	188	0.128	105	0.000724	0.000724	0.0000064	0.00715	0.00313	0.156	0.0183	0.00000779	27.6	0.0000229	0.00189
2050 Aug	472	0.264	0.34	0.0123	189	0.129	106	0.000726	0.000726	0.00000643	0.00719	0.00315	0.157	0.0184	0.00000783	27.8	0.0000231	0.00191
2050 Sep	473	0.264	0.34	0.0122	189	0.129	106	0.000726	0.000726	0.00000644	0.0072	0.00316	0.157	0.0184	0.00000784	27.8	0.0000231	0.00191
2050 Oct	473	0.265	0.34	0.0123	189	0.129	106	0.000727	0.000727	0.00000645	0.00721	0.00317	0.157	0.0185	0.00000785	27.9	0.0000232	0.00192
2050 Nov	473	0.265	0.34	0.0123	189	0.13	106	0.000727	0.000727	0.00000645	0.00721	0.00317	0.157	0.0185	0.00000786	27.9	0.0000232	0.00192
2050 Dec	473	0.265	0.34	0.0123	189	0.13	106	0.000727	0.000727	0.00000645	0.00722	0.00317	0.157	0.0185	0.00000786	27.9	0.0000232	0.00192
2051 Jan	473	0.265	0.34	0.0123	189	0.13	106	0.000727	0.000727	0.00000645	0.00722	0.00317	0.157	0.0185	0.00000786	27.9	0.0000232	0.00192
2051 Feb	473	0.265	0.34	0.0123	189	0.13	106	0.000727	0.000727	0.00000645	0.00722	0.00317	0.157	0.0185	0.00000786	27.9	0.0000232	0.00192
2051 Mar	474	0.265	0.34	0.0123	189	0.13	106	0.000727	0.000727	0.00000645	0.00722	0.00317	0.158	0.0185	0.00000786	27.9	0.0000232	0.00192
2051 Apr	474	0.265	0.341	0.0123	190	0.13	106	0.000728	0.000728	0.00000645	0.00722	0.00317	0.158	0.0185	0.00000786	27.9	0.0000232	0.00192
2051 May	475	0.265	0.341	0.0123	190	0.13	107	0.000729	0.000729	0.00000647	0.00724	0.00318	0.158	0.0185	0.00000788	28	0.0000232	0.00192
2051 Jun	472	0.262	0.336	0.0121	188	0.129	106	0.00072	0.00072	0.00000642	0.0072	0.00317	0.158	0.0185	0.00000782	27.9	0.0000232	0.00192
2051 Jul	473	0.261	0.336	0.0121	188	0.13	107	0.000719	0.000719	0.00000643	0.00723	0.00319	0.158	0.0185	0.00000785	28	0.0000233	0.00193
2051 Aug	475	0.262	0.336	0.0121	189	0.131	108	0.00072	0.00072	0.00000645	0.00726	0.00321	0.159	0.0186	0.00000787	28.1	0.0000234	0.00194
2051 Sep	475	0.261	0.335	0.0121	189	0.131	108	0.000717	0.000717	0.00000644	0.00727	0.00321	0.16	0.0186	0.00000787	28.1	0.0000234	0.00194
2051 Oct	473	0.259	0.333	0.012	188	0.131	108	0.000712	0.000712	0.00000641	0.00724	0.00321	0.159	0.0185	0.00000784	28.1	0.0000234	0.00194
2051 Nov	473	0.259	0.332	0.012	188	0.131	108	0.000712	0.000712	0.00000641	0.00724	0.00321	0.159	0.0186	0.00000784	28.1	0.0000234	0.00194
2051 Dec	473	0.259	0.333	0.012	188	0.131	108	0.000712	0.000712	0.00000641	0.00725	0.00321	0.159	0.0186	0.00000784	28.1	0.0000234	0.00194
2052 Jan	473	0.259	0.333	0.012	188	0.131	108	0.000712	0.000712	0.00000641	0.00725	0.00321	0.159	0.0186	0.00000784	28.1	0.0000234	0.00194
2052 Feb	473	0.259	0.333	0.012	188	0.131	108	0.000712	0.000712	0.00000641	0.00725	0.00321	0.159	0.0186	0.00000784	28.1	0.0000234	0.00194

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2052 Mar	473	0.259	0.333	0.012	188	0.131	108	0.000712	0.000712	0.00000641	0.00725	0.00321	0.159	0.0186	0.00000784	28.1	0.0000234	0.00194
2052 Apr	473	0.259	0.333	0.012	188	0.131	108	0.000713	0.000713	0.00000641	0.00725	0.00321	0.16	0.0186	0.00000784	28.1	0.0000234	0.00194
2052 May	474	0.259	0.333	0.012	188	0.131	108	0.000713	0.000713	0.00000642	0.00726	0.00321	0.16	0.0186	0.00000785	28.1	0.0000234	0.00195
2052 Jun	474	0.258	0.332	0.012	188	0.131	108	0.000711	0.000711	0.00000642	0.00727	0.00322	0.16	0.0186	0.00000785	28.2	0.0000235	0.00195
2052 Jul	476	0.258	0.332	0.012	188	0.132	109	0.000712	0.000712	0.00000644	0.0073	0.00324	0.161	0.0187	0.00000788	28.3	0.0000236	0.00196
2052 Aug	478	0.259	0.332	0.012	189	0.132	109	0.000713	0.000713	0.00000646	0.00734	0.00326	0.162	0.0188	0.00000791	28.5	0.0000237	0.00197
2052 Sep	478	0.258	0.332	0.012	189	0.133	110	0.000712	0.000712	0.00000647	0.00735	0.00327	0.162	0.0188	0.00000792	28.5	0.0000238	0.00198
2052 Oct	478	0.258	0.332	0.012	189	0.133	110	0.000712	0.000712	0.00000647	0.00735	0.00327	0.163	0.0188	0.00000792	28.6	0.0000238	0.00198
2052 Nov	478	0.258	0.332	0.012	189	0.133	110	0.000712	0.000712	0.00000647	0.00736	0.00327	0.163	0.0188	0.00000793	28.6	0.0000238	0.00198
2052 Dec	479	0.258	0.332	0.012	189	0.133	110	0.000712	0.000712	0.00000647	0.00736	0.00327	0.163	0.0188	0.00000793	28.6	0.0000238	0.00198
2053 Jan	479	0.258	0.332	0.012	189	0.133	110	0.000712	0.000712	0.00000647	0.00736	0.00327	0.163	0.0188	0.00000793	28.6	0.0000238	0.00198
2053 Feb	479	0.258	0.332	0.012	189	0.133	110	0.000712	0.000712	0.00000647	0.00736	0.00327	0.163	0.0188	0.00000793	28.6	0.0000238	0.00198
2053 Mar	479	0.259	0.332	0.012	189	0.133	110	0.000712	0.000712	0.00000647	0.00736	0.00327	0.163	0.0188	0.00000793	28.6	0.0000238	0.00198
2053 Apr	479	0.259	0.332	0.012	189	0.133	110	0.000713	0.000713	0.00000648	0.00736	0.00327	0.163	0.0189	0.00000793	28.6	0.0000238	0.00198
2053 May	480	0.259	0.332	0.012	189	0.133	110	0.000713	0.000713	0.00000648	0.00738	0.00328	0.163	0.0189	0.00000794	28.7	0.0000238	0.00199
2053 Jun	477	0.256	0.329	0.0119	188	0.133	110	0.000706	0.000706	0.00000645	0.00735	0.00328	0.163	0.0188	0.0000079	28.6	0.0000238	0.00198
2053 Jul	480	0.257	0.33	0.0119	189	0.134	111	0.000709	0.000709	0.00000648	0.0074	0.0033	0.164	0.019	0.00000795	28.8	0.000024	0.002
2053 Aug	483	0.258	0.332	0.012	190	0.135	112	0.000712	0.000712	0.00000652	0.00745	0.00333	0.165	0.0191	0.000008	29	0.0000241	0.00201
2053 Sep	486	0.259	0.333	0.012	191	0.136	112	0.000715	0.000715	0.00000655	0.00749	0.00334	0.166	0.0192	0.00000804	29.1	0.0000243	0.00202
2053 Oct	486	0.259	0.333	0.012	191	0.136	112	0.000716	0.000716	0.00000656	0.0075	0.00335	0.167	0.0192	0.00000805	29.2	0.0000243	0.00203
2053 Nov	486	0.259	0.333	0.012	191	0.136	113	0.000715	0.000715	0.00000656	0.0075	0.00335	0.167	0.0192	0.00000805	29.2	0.0000243	0.00203
2053 Dec	486	0.259	0.333	0.012	191	0.136	113	0.000716	0.000716	0.00000656	0.0075	0.00335	0.167	0.0192	0.00000805	29.2	0.0000243	0.00203
2054 Jan	486	0.259	0.333	0.012	191	0.136	113	0.000716	0.000716	0.00000656	0.0075	0.00335	0.167	0.0192	0.00000805	29.2	0.0000243	0.00203
2054 Feb	486	0.259	0.333	0.012	191	0.136	113	0.000716	0.000716	0.00000656	0.0075	0.00335	0.167	0.0192	0.00000805	29.2	0.0000243	0.00203
2054 Mar	486	0.259	0.333	0.012	191	0.136	113	0.000716	0.000716	0.00000656	0.0075	0.00335	0.167	0.0192	0.00000805	29.2	0.0000243	0.00203
2054 Apr	486	0.26	0.333	0.012	191	0.136	113	0.000716	0.000716	0.00000656	0.0075	0.00335	0.167	0.0192	0.00000805	29.2	0.0000243	0.00203
2054 May	487	0.26	0.334	0.012	191	0.136	113	0.000717	0.000717	0.00000657	0.00752	0.00336	0.167	0.0193	0.00000807	29.3	0.0000244	0.00203
2054 Jun	485	0.257	0.33	0.0119	190	0.136	113	0.00071	0.00071	0.00000653	0.00749	0.00335	0.167	0.0192	0.00000803	29.2	0.0000243	0.00203
2054 Jul	485	0.256	0.329	0.0119	190	0.136	113	0.000707	0.000707	0.00000653	0.00751	0.00336	0.167	0.0192	0.00000803	29.3	0.0000244	0.00204
2054 Aug	487	0.256	0.329	0.0119	190	0.137	114	0.000708	0.000708	0.00000655	0.00754	0.00338	0.168	0.0193	0.00000806	29.4	0.0000245	0.00205
2054 Sep	488	0.256	0.329	0.0119	190	0.137	114	0.000708	0.000708	0.00000656	0.00755	0.00339	0.169	0.0194	0.00000807	29.5	0.0000245	0.00205
2054 Oct	488	0.256	0.328	0.0119	190	0.137	114	0.000706	0.000706	0.00000655	0.00755	0.00339	0.169	0.0193	0.00000806	29.5	0.0000245	0.00205
2054 Nov	487	0.256	0.328	0.0119	190	0.137	114	0.000706	0.000706	0.00000655	0.00755	0.00339	0.169	0.0193	0.00000806	29.5	0.0000245	0.00205
2054 Dec	487	0.256	0.328	0.0119	190	0.137	114	0.000706	0.000706	0.00000655	0.00755	0.00339	0.169	0.0193	0.00000806	29.5	0.0000245	0.00205
2055 Jan	487	0.256	0.328	0.0119	190	0.137	114	0.000706	0.000706	0.00000655	0.00755	0.00339	0.169	0.0193	0.00000806	29.5	0.0000245	0.00205
2055 Feb	487	0.256	0.328	0.0119	190	0.137	114	0.000706	0.000706	0.00000655	0.00755	0.00339	0.169	0.0193	0.00000806	29.5	0.0000245	0.00205
2055 Mar	487	0.256	0.328	0.0119	190	0.137	114	0.000706	0.000706	0.00000655	0.00755	0.00339	0.169	0.0193	0.00000806	29.5	0.0000245	0.00206
2055 Apr	488	0.256	0.328	0.0119	190	0.137	114	0.000706	0.000706	0.00000655	0.00755	0.00339	0.169	0.0194	0.00000807	29.5	0.0000245	0.00206
2055 May	489	0.256	0.329	0.0119	191	0.137	114	0.000708	0.000708	0.00000657	0.00757	0.0034	0.169	0.0194	0.00000808	29.5	0.0000246	0.00206
2055 Jun	486	0.254	0.326	0.0118	189	0.137	114	0.000701	0.000701	0.00000653	0.00754	0.00339	0.169	0.0193	0.00000804	29.5	0.0000245	0.00206
2055 Jul	487	0.253	0.325	0.0117	189	0.138	115	0.0007	0.0007	0.00000654	0.00757	0.00341	0.17	0.0194	0.00000806	29.6	0.0000246	0.00207
2055 Aug	490	0.254	0.326	0.0118	190	0.138	115	0.000703	0.000703	0.00000657	0.00761	0.00343	0.171	0.0195	0.0000081	29.8	0.0000248	0.00208
2055 Sep	491	0.254	0.326	0.0118	191	0.139	116	0.000703	0.000703	0.00000658	0.00763	0.00344	0.171	0.0195	0.00000811	29.8	0.0000248	0.00208
2055 Oct	491	0.254	0.326	0.0118	191	0.139	116	0.000703	0.000703	0.00000658	0.00763	0.00344	0.171	0.0195	0.00000812	29.9	0.0000249	0.00209
2055 Nov	491	0.254	0.326	0.0118	191	0.139	116	0.000703	0.000703	0.00000659	0.00764	0.00344	0.172	0.0196	0.00000812	29.9	0.0000249	0.00209
2055 Dec	491	0.254	0.326	0.0118	191	0.139	116	0.000703	0.000703	0.00000659	0.00764	0.00344	0.172	0.0196	0.00000812	29.9	0.0000249	0.00209
2056 Jan	491	0.254	0.326	0.0118	191	0.139	116	0.000703	0.000703	0.00000659	0.00764	0.00344	0.172	0.0196	0.00000812	29.9	0.0000249	0.00209
2056 Feb	491	0.254	0.326	0.0118	191	0.139	116	0.000703	0.000703	0.00000659	0.00764	0.00344	0.172	0.0196	0.00000812	29.9	0.0000249	0.00209
2056 Mar	491	0.254	0.326	0.0118	191	0.139	116	0.000703	0.000703	0.00000659	0.00764	0.00344	0.172	0.0196	0.00000812	29.9	0.0000249	0.00209
2056 Apr	492	0.254	0.326	0.0118	191	0.139	116	0.000703	0.000703	0.00000659	0.00764	0.00345	0.172	0.0196	0.00000813	29.9	0.0000249	0.00209
2056 May	492	0.254	0.327	0.0118	191	0.139	116	0.000704	0.000704	0.0000066	0.00766	0.00345	0.172	0.0196	0.00000814	29.9	0.0000249	0.00209
2056 Jun	490	0.252	0.323	0.0117	190	0.139	116	0.000697	0.000697	0.00000656	0.00763	0.00345	0.172	0.0196	0.0000081	29.9	0.0000249	0.00209
2056 Jul	493	0.253	0.325	0.0117	191	0.14	117	0.000701	0.000701	0.0000066	0.00768	0.00347	0.173	0.0197	0.00000815	30.1	0.0000251	0.00211
2056 Aug	496	0.254	0.325	0.0118	192	0.141	118	0.000702	0.000702	0.00000663	0.00772	0.00349	0.174	0.0198	0.00000819	30.3	0.0000252	0.00212
2056 Sep	497	0.254	0.326	0.0118	192	0.141	118	0.000704	0.000704	0.00000665	0.00775	0.00351	0.175	0.0199	0.00000822	30.4	0.0000253	0.00213
2056 Oct	497	0.254	0.325	0.0118	192	0.141	118	0.000702	0.000702	0.00000664	0.00775	0.00351	0.175	0.0198	0.00000821	30.4	0.0000253	0.00213
2056 Nov	497	0.253	0.325	0.0118	192	0.141	118	0.000702	0.000702	0.00000664	0.00775	0.00351	0.175	0.0199	0.00000821	30.4	0.0000253	0.00213
2056 Dec	497	0.253	0.325	0.0118	192	0.141	118	0.000702	0.000702	0.00000664	0.00775	0.00351	0.175	0.0199	0.00000821	30.4	0.0000253	0.00213
2057 Jan	497	0.253	0.325	0.0118	192	0.141	118	0.000702	0.000702	0.00000664	0.00775	0.00351	0.175	0.0199	0.00000821	30.4	0.0000253	0.00213
2057 Feb	497	0.253	0.325	0.0118	192	0.141	118	0.000702	0.000702	0.00000664	0.00775	0.00351	0.175	0.0199	0.00000821	30.4	0.0000253	0.00213
2057 Mar	497	0.254	0.325	0.0118	192	0.141	118	0.000702	0.000702	0.00000664	0.00775	0.00351	0.175	0.0199	0.00000821	30.4	0.0000253	0.00213
2057 Apr	497	0.254	0.325	0.0118	192	0.141	118	0.000703	0.000703	0.00000665	0.00775	0.00351	0.175	0.0199	0.00000822	30.4	0.0000253	0.00213
2057 May	498	0.254	0.326	0.0118	192	0.142	118	0.000704	0.000704	0.00000666	0.00777	0.00352	0.175	0.0199	0.00000823	30.5	0.0000254	0.00214
2057 Jun	496	0.251	0.323	0.0117	191	0.141	118	0.000697	0.000697	0.00000662	0.00775	0.00351	0.175	0.0199	0.00000819	30.4	0.0000253	0.00213
2057 Jul	498	0.252	0.323	0.0117	192	0.142	119	0.000699	0.000699	0.00000665	0.00779	0.00353	0.176	0.0199	0.00000823	30.6	0.0000255	0.00215
2057 Aug	503	0.254	0.326	0.0118	193	0.144	120	0.000705	0.000705	0.00000671	0.00786	0.00357	0.178	0.0201	0.0000083	30.8	0.0000257	0.00217
2057 Sep	505	0.255	0.327	0.0118	194	0.144	121	0.000706	0.000706	0.00000673	0.00789	0.00358	0.179	0.0202	0.00000833	31	0.0000258	0.00218
2057 Oct	505	0.254	0.326	0.0118	194	0.144	121	0.000705	0.000705	0.00000673	0.00789	0.00359	0.179	0.0202	0.00000833	31	0.0000258	0.00218
2057 Nov	505	0.254	0.326	0.0118	194	0.144	121	0.000706	0.000706	0.00000673	0.00789	0.00359	0.179	0.0202	0.00000834	31	0.0000258	0.00218
2057 Dec	505	0.254	0.326	0.0118	194	0.144	121	0.000706	0.000706	0.00000673	0.0079	0.00359	0.179	0.0202	0.00000834	31	0.0000258	0.00218
2058 Jan	505	0.254	0.326	0.0118	194	0.144	121	0.000706	0.000706	0.00000673	0.0079	0.00359	0.179	0.0202	0.00000834	31	0.0000258	0.00218

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2058 Feb	505	0.254	0.326	0.0118	194	0.144	121	0.000706	0.000706	0.00000673	0.0079	0.00359	0.179	0.0202	0.00000834	31	0.0000258	0.00218
2058 Mar	505	0.254	0.326	0.0118	194	0.144	121	0.000706	0.000706	0.00000673	0.0079	0.00359	0.179	0.0202	0.00000834	31	0.0000258	0.00218
2058 Apr	505	0.254	0.326	0.0118	194	0.144	121	0.000706	0.000706	0.00000673	0.0079	0.00359	0.179	0.0202	0.00000834	31	0.0000258	0.00218
2058 May	506	0.255	0.327	0.0118	194	0.145	121	0.000707	0.000707	0.00000674	0.00791	0.0036	0.179	0.0203	0.00000835	31.1	0.0000259	0.00218
2058 Jun	501	0.25	0.321	0.0116	192	0.144	120	0.000695	0.000695	0.00000667	0.00785	0.00358	0.178	0.0201	0.00000827	30.9	0.0000257	0.00217
2058 Jul	504	0.251	0.322	0.0116	193	0.145	121	0.000697	0.000697	0.0000067	0.0079	0.0036	0.18	0.0202	0.00000831	31.1	0.0000259	0.00219
2058 Aug	507	0.252	0.323	0.0117	194	0.145	122	0.0007	0.0007	0.00000674	0.00794	0.00362	0.181	0.0204	0.00000836	31.3	0.000026	0.0022
2058 Sep	507	0.252	0.323	0.0117	194	0.146	122	0.000699	0.000699	0.00000674	0.00796	0.00363	0.181	0.0204	0.00000837	31.3	0.0000261	0.00221
2058 Oct	507	0.251	0.322	0.0117	194	0.146	122	0.000699	0.000699	0.00000674	0.00796	0.00363	0.181	0.0204	0.00000837	31.3	0.0000261	0.00221
2058 Nov	507	0.252	0.322	0.0117	194	0.146	122	0.000699	0.000699	0.00000674	0.00796	0.00364	0.181	0.0204	0.00000837	31.3	0.0000261	0.00221
2058 Dec	507	0.252	0.322	0.0117	194	0.146	122	0.000699	0.000699	0.00000674	0.00796	0.00364	0.181	0.0204	0.00000837	31.3	0.0000261	0.00221
2059 Jan	507	0.252	0.322	0.0117	194	0.146	122	0.000699	0.000699	0.00000674	0.00796	0.00364	0.181	0.0204	0.00000837	31.3	0.0000261	0.00221
2059 Feb	507	0.252	0.322	0.0117	194	0.146	122	0.000699	0.000699	0.00000674	0.00796	0.00364	0.181	0.0204	0.00000837	31.3	0.0000261	0.00221
2059 Mar	507	0.252	0.322	0.0117	194	0.146	122	0.000699	0.000699	0.00000674	0.00796	0.00364	0.181	0.0204	0.00000837	31.3	0.0000261	0.00221
2059 Apr	508	0.252	0.323	0.0117	194	0.146	122	0.000699	0.000699	0.00000675	0.00797	0.00364	0.181	0.0204	0.00000837	31.4	0.0000261	0.00221
2059 May	508	0.252	0.323	0.0117	194	0.146	123	0.0007	0.0007	0.00000676	0.00798	0.00364	0.182	0.0205	0.00000839	31.4	0.0000262	0.00221
2059 Jun	508	0.251	0.322	0.0117	194	0.146	123	0.000698	0.000698	0.00000675	0.00799	0.00365	0.182	0.0205	0.00000839	31.5	0.0000262	0.00222
2059 Jul	513	0.253	0.324	0.0117	196	0.148	124	0.000704	0.000704	0.00000681	0.00806	0.00369	0.184	0.0207	0.00000846	31.8	0.0000265	0.00224
2059 Aug	517	0.255	0.326	0.0118	197	0.149	125	0.000708	0.000708	0.00000686	0.00812	0.00371	0.185	0.0208	0.00000852	32	0.0000267	0.00226
2059 Sep	518	0.255	0.327	0.0118	197	0.149	125	0.000709	0.000709	0.00000687	0.00814	0.00373	0.186	0.0209	0.00000854	32.1	0.0000267	0.00226
2059 Oct	516	0.253	0.324	0.0117	196	0.149	125	0.000704	0.000704	0.00000684	0.00812	0.00372	0.185	0.0208	0.00000851	32	0.0000267	0.00226
2059 Nov	516	0.253	0.324	0.0117	196	0.149	125	0.000703	0.000703	0.00000684	0.00812	0.00372	0.185	0.0208	0.0000085	32	0.0000267	0.00226
2059 Dec	516	0.253	0.324	0.0117	196	0.149	125	0.000703	0.000703	0.00000684	0.00812	0.00372	0.185	0.0208	0.0000085	32	0.0000267	0.00226
2060 Jan	516	0.253	0.324	0.0117	196	0.149	125	0.000703	0.000703	0.00000684	0.00812	0.00372	0.185	0.0208	0.0000085	32	0.0000267	0.00226
2060 Feb	516	0.253	0.324	0.0117	196	0.149	125	0.000703	0.000703	0.00000684	0.00812	0.00372	0.185	0.0208	0.00000851	32	0.0000267	0.00226
2060 Mar	516	0.253	0.324	0.0117	196	0.149	125	0.000704	0.000704	0.00000684	0.00812	0.00372	0.185	0.0208	0.00000851	32	0.0000267	0.00226
2060 Apr	516	0.253	0.324	0.0118	196	0.149	125	0.000704	0.000704	0.00000685	0.00812	0.00372	0.186	0.0208	0.00000851	32	0.0000267	0.00226
2060 May	517	0.253	0.324	0.0117	196	0.149	125	0.000704	0.000704	0.00000685	0.00813	0.00372	0.186	0.0209	0.00000852	32.1	0.0000267	0.00226
2060 Jun	515	0.251	0.321	0.0116	195	0.149	125	0.000698	0.000698	0.00000682	0.00811	0.00372	0.186	0.0208	0.00000848	32	0.0000267	0.00226
2060 Jul	519	0.253	0.324	0.0117	197	0.15	126	0.000703	0.000703	0.00000687	0.00818	0.00376	0.187	0.021	0.00000855	32.3	0.0000269	0.00228
2060 Aug	521	0.253	0.324	0.0118	198	0.151	127	0.000705	0.000705	0.0000069	0.00822	0.00378	0.189	0.0211	0.00000859	32.5	0.0000271	0.0023
2060 Sep	520	0.252	0.322	0.0117	197	0.151	127	0.000701	0.000701	0.00000688	0.00821	0.00378	0.188	0.0211	0.00000857	32.4	0.000027	0.0023
2060 Oct	520	0.251	0.322	0.0117	197	0.151	127	0.0007	0.0007	0.00000688	0.00821	0.00378	0.189	0.0211	0.00000857	32.4	0.000027	0.0023
2060 Nov	520	0.251	0.322	0.0117	197	0.151	127	0.000699	0.000699	0.00000688	0.00821	0.00378	0.189	0.0211	0.00000857	32.4	0.000027	0.0023
2060 Dec	520	0.251	0.322	0.0117	197	0.151	127	0.000699	0.000699	0.00000688	0.00821	0.00378	0.189	0.0211	0.00000857	32.4	0.000027	0.0023
2061 Jan	520	0.251	0.322	0.0117	197	0.151	127	0.000699	0.000699	0.00000688	0.00821	0.00378	0.189	0.0211	0.00000857	32.4	0.000027	0.0023
2061 Feb	520	0.251	0.322	0.0117	197	0.151	127	0.000699	0.000699	0.00000688	0.00821	0.00378	0.189	0.0211	0.00000857	32.4	0.000027	0.0023
2061 Mar	520	0.251	0.322	0.0117	197	0.151	127	0.000699	0.000699	0.00000688	0.00821	0.00378	0.189	0.0211	0.00000857	32.4	0.000027	0.0023
2061 Apr	520	0.251	0.322	0.0117	197	0.151	127	0.0007	0.0007	0.00000688	0.00821	0.00378	0.189	0.0211	0.00000857	32.5	0.0000271	0.0023
2061 May	521	0.251	0.322	0.0117	197	0.151	127	0.0007	0.0007	0.00000688	0.00822	0.00378	0.189	0.0211	0.00000858	32.5	0.0000271	0.0023
2061 Jun	517	0.248	0.317	0.0115	195	0.151	127	0.000691	0.000691	0.00000683	0.00818	0.00377	0.188	0.021	0.00000852	32.4	0.000027	0.00229
2061 Jul	521	0.249	0.319	0.0116	197	0.152	128	0.000695	0.000695	0.00000688	0.00824	0.0038	0.19	0.0212	0.00000858	32.6	0.0000272	0.00231
2061 Aug	525	0.251	0.321	0.0116	198	0.153	129	0.000699	0.000699	0.00000693	0.00831	0.00383	0.191	0.0213	0.00000864	32.9	0.0000274	0.00233
2061 Sep	526	0.251	0.321	0.0117	198	0.153	130	0.0007	0.0007	0.00000694	0.00833	0.00384	0.192	0.0214	0.00000866	33	0.0000275	0.00234
2061 Oct	525	0.25	0.32	0.0116	197	0.153	129	0.000696	0.000696	0.00000692	0.00831	0.00384	0.192	0.0213	0.00000864	32.9	0.0000274	0.00233
2061 Nov	524	0.249	0.319	0.0116	197	0.153	129	0.000695	0.000695	0.00000691	0.0083	0.00384	0.191	0.0213	0.00000863	32.9	0.0000274	0.00233
2061 Dec	524	0.249	0.319	0.0116	197	0.153	129	0.000695	0.000695	0.00000691	0.0083	0.00384	0.191	0.0213	0.00000863	32.9	0.0000274	0.00233
2062 Jan	524	0.249	0.319	0.0116	197	0.153	129	0.000695	0.000695	0.00000691	0.0083	0.00384	0.191	0.0213	0.00000863	32.9	0.0000274	0.00233
2062 Feb	524	0.249	0.319	0.0116	197	0.153	129	0.000695	0.000695	0.00000691	0.0083	0.00384	0.192	0.0213	0.00000863	32.9	0.0000274	0.00233
2062 Mar	524	0.249	0.319	0.0116	197	0.153	129	0.000695	0.000695	0.00000691	0.0083	0.00384	0.192	0.0213	0.00000863	32.9	0.0000274	0.00233
2062 Apr	525	0.249	0.319	0.0116	197	0.153	129	0.000696	0.000696	0.00000691	0.00831	0.00384	0.192	0.0213	0.00000863	32.9	0.0000274	0.00233
2062 May	525	0.25	0.32	0.0116	198	0.153	130	0.000697	0.000697	0.00000693	0.00832	0.00384	0.192	0.0214	0.00000865	33	0.0000275	0.00234
2062 Jun	523	0.248	0.317	0.0115	197	0.153	129	0.000692	0.000692	0.0000069	0.0083	0.00384	0.192	0.0213	0.00000862	32.9	0.0000274	0.00233
2062 Jul	524	0.247	0.316	0.0115	197	0.154	130	0.00069	0.00069	0.0000069	0.00832	0.00385	0.192	0.0213	0.00000863	33	0.0000275	0.00234
2062 Aug	526	0.247	0.316	0.0115	197	0.154	130	0.00069	0.00069	0.00000692	0.00834	0.00387	0.193	0.0214	0.00000865	33.1	0.0000276	0.00235
2062 Sep	525	0.247	0.316	0.0115	197	0.154	130	0.000689	0.000689	0.00000691	0.00835	0.00387	0.193	0.0214	0.00000865	33.1	0.0000276	0.00235
2062 Oct	523	0.245	0.313	0.0114	196	0.154	130	0.000683	0.000683	0.00000687	0.00831	0.00386	0.193	0.0213	0.0000086	33	0.0000275	0.00235
2062 Nov	523	0.245	0.313	0.0114	196	0.154	130	0.000683	0.000683	0.00000688	0.00832	0.00386	0.193	0.0213	0.00000861	33	0.0000275	0.00235
2062 Dec	523	0.245	0.313	0.0114	196	0.154	130	0.000683	0.000683	0.00000688	0.00832	0.00386	0.193	0.0213	0.00000861	33	0.0000275	0.00235
2063 Jan	523	0.245	0.313	0.0114	196	0.154	130	0.000684	0.000684	0.00000688	0.00832	0.00386	0.193	0.0213	0.00000861	33	0.0000275	0.00235
2063 Feb	523	0.245	0.313	0.0114	196	0.154	130	0.000684	0.000684	0.00000688	0.00832	0.00386	0.193	0.0213	0.00000861	33	0.0000275	0.00235
2063 Mar	523	0.245	0.313	0.0114	196	0.154	130	0.000684	0.000684	0.00000688	0.00832	0.00386	0.193	0.0213	0.00000861	33	0.0000275	0.00235
2063 Apr	523	0.245	0.313	0.0114	196	0.154	130	0.000684	0.000684	0.00000688	0.00832	0.00386	0.193	0.0213	0.00000861	33	0.0000275	0.00235
2063 May	524	0.245	0.313	0.0114	196	0.154	130	0.000684	0.000684	0.00000689	0.00833	0.00387	0.193	0.0214	0.00000862	33.1	0.0000276	0.00235
2063 Jun	518	0.24	0.307	0.0111	193	0.153	129	0.000671	0.000671	0.00000679	0.00825	0.00384	0.192	0.0212	0.00000851	32.8	0.0000273	0.00233
2063 Jul	518	0.239	0.306	0.0111	193	0.153	130	0.00067	0.00067	0.0000068	0.00826	0.00385	0.192	0.0212	0.00000852	32.8	0.0000274	0.00234
2063 Aug	522	0.241	0.308	0.0112	194	0.154	131	0.000674	0.000674	0.00000684	0.00832	0.00388	0.194	0.0214	0.00000858	33.1	0.0000276	0.00236
2063 Sep	523	0.241	0.308	0.0112	194	0.155	131	0.000674	0.000674	0.00000685	0.00834	0.00389	0.194	0.0214	0.0000086	33.2	0.0000277	0.00237
2063 Oct	522	0.24	0.307	0.0112	194	0.154	131	0.000672	0.000672	0.00000684	0.00833	0.00388	0.194	0.0214	0.00000859	33.1	0.0000276	0.00236
2063 Nov	522	0.24	0.307	0.0112	194	0.154	131	0.000672	0.000672	0.00000684	0.00834	0.00389	0.194	0.0214	0.00000859	33.2	0.0000277	0.00236
2063 Dec	522	0.24	0.307	0.0112	194	0.154	131	0.000672	0.000672	0.00000685	0.00834	0.00389	0.194	0.0214	0.00000859	33.2	0.0000277	0.00237

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2064 Jan	522	0.24	0.307	0.0112	194	0.154	131	0.000672	0.000672	0.00000685	0.00834	0.00389	0.194	0.0214	0.00000859	33.2	0.0000277	0.00237
2064 Feb	522	0.24	0.307	0.0112	194	0.154	131	0.000672	0.000672	0.00000685	0.00834	0.00389	0.194	0.0214	0.00000859	33.2	0.0000277	0.00237
2064 Mar	523	0.24	0.307	0.0112	194	0.154	131	0.000672	0.000672	0.00000685	0.00834	0.00389	0.194	0.0214	0.00000859	33.2	0.0000277	0.00237
2064 Apr	523	0.24	0.307	0.0112	194	0.155	131	0.000673	0.000673	0.00000685	0.00834	0.00389	0.194	0.0214	0.00000859	33.2	0.0000277	0.00237
2064 May	523	0.24	0.307	0.0112	194	0.155	131	0.000672	0.000672	0.00000685	0.00835	0.00389	0.194	0.0214	0.0000086	33.2	0.0000277	0.00237
2064 Jun	519	0.237	0.303	0.011	192	0.154	131	0.000663	0.000663	0.00000679	0.0083	0.00387	0.194	0.0213	0.00000853	33	0.0000276	0.00236
2064 Jul	522	0.238	0.304	0.011	193	0.155	132	0.000666	0.000666	0.00000683	0.00835	0.0039	0.195	0.0214	0.00000858	33.3	0.0000277	0.00237
2064 Aug	524	0.238	0.304	0.0111	194	0.156	132	0.000667	0.000667	0.00000685	0.00838	0.00392	0.196	0.0215	0.00000861	33.4	0.0000279	0.00239
2064 Sep	524	0.237	0.303	0.011	194	0.156	132	0.000665	0.000665	0.00000684	0.00838	0.00392	0.196	0.0215	0.0000086	33.4	0.0000279	0.00239
2064 Oct	524	0.237	0.303	0.011	194	0.156	132	0.000665	0.000665	0.00000685	0.00839	0.00393	0.196	0.0215	0.00000861	33.4	0.0000279	0.00239
2064 Nov	524	0.237	0.303	0.011	194	0.156	132	0.000665	0.000665	0.00000685	0.00839	0.00393	0.196	0.0216	0.00000862	33.5	0.0000279	0.00239
2064 Dec	524	0.237	0.303	0.011	194	0.156	132	0.000666	0.000666	0.00000685	0.00839	0.00393	0.196	0.0216	0.00000862	33.5	0.0000279	0.00239
2065 Jan	524	0.237	0.303	0.011	194	0.156	132	0.000666	0.000666	0.00000685	0.00839	0.00393	0.196	0.0216	0.00000862	33.5	0.0000279	0.00239
2065 Feb	524	0.237	0.303	0.011	194	0.156	132	0.000666	0.000666	0.00000685	0.00839	0.00393	0.196	0.0216	0.00000862	33.5	0.0000279	0.00239
2065 Mar	525	0.237	0.304	0.011	194	0.156	133	0.000666	0.000666	0.00000685	0.0084	0.00393	0.196	0.0216	0.00000862	33.5	0.0000279	0.00239
2065 Apr	525	0.238	0.304	0.011	194	0.156	133	0.000666	0.000666	0.00000686	0.0084	0.00393	0.197	0.0216	0.00000862	33.5	0.0000279	0.00239
2065 May	526	0.238	0.304	0.0111	194	0.156	133	0.000667	0.000667	0.00000687	0.00842	0.00394	0.197	0.0216	0.00000864	33.5	0.000028	0.0024
2065 Jun	523	0.235	0.301	0.0109	193	0.156	132	0.00066	0.00066	0.00000682	0.00838	0.00393	0.196	0.0215	0.00000859	33.4	0.0000279	0.00239
2065 Jul	527	0.237	0.302	0.011	194	0.157	134	0.000664	0.000664	0.00000687	0.00845	0.00396	0.198	0.0217	0.00000865	33.7	0.0000281	0.00241
2065 Aug	531	0.238	0.304	0.0111	195	0.158	135	0.000668	0.000668	0.00000692	0.00851	0.00399	0.2	0.0219	0.00000871	34	0.0000283	0.00243
2065 Sep	530	0.237	0.302	0.011	195	0.158	135	0.000664	0.000664	0.0000069	0.0085	0.00399	0.2	0.0218	0.0000087	33.9	0.0000283	0.00243
2065 Oct	527	0.235	0.3	0.0109	194	0.157	134	0.000659	0.000659	0.00000686	0.00846	0.00398	0.199	0.0217	0.00000865	33.8	0.0000282	0.00242
2065 Nov	527	0.234	0.3	0.0109	194	0.157	134	0.000658	0.000658	0.00000686	0.00846	0.00398	0.199	0.0217	0.00000865	33.8	0.0000282	0.00242
2065 Dec	527	0.234	0.3	0.0109	194	0.157	134	0.000658	0.000658	0.00000686	0.00846	0.00398	0.199	0.0217	0.00000865	33.8	0.0000282	0.00242
2066 Jan	527	0.234	0.3	0.0109	194	0.157	134	0.000658	0.000658	0.00000686	0.00846	0.00398	0.199	0.0217	0.00000865	33.8	0.0000282	0.00242
2066 Feb	527	0.234	0.3	0.0109	194	0.157	134	0.000659	0.000659	0.00000686	0.00846	0.00398	0.199	0.0217	0.00000865	33.8	0.0000282	0.00242
2066 Mar	527	0.235	0.3	0.0109	194	0.158	134	0.000659	0.000659	0.00000686	0.00847	0.00398	0.199	0.0217	0.00000865	33.8	0.0000282	0.00242
2066 Apr	527	0.235	0.3	0.0109	194	0.158	134	0.000659	0.000659	0.00000687	0.00847	0.00398	0.199	0.0217	0.00000866	33.8	0.0000282	0.00242
2066 May	528	0.235	0.3	0.0109	194	0.158	134	0.00066	0.00066	0.00000688	0.00848	0.00399	0.199	0.0218	0.00000867	33.9	0.0000283	0.00243
2066 Jun	525	0.232	0.296	0.0108	192	0.157	134	0.000652	0.000652	0.00000683	0.00844	0.00397	0.199	0.0217	0.00000861	33.7	0.0000281	0.00242
2066 Jul	529	0.233	0.298	0.0109	194	0.159	135	0.000656	0.000656	0.00000688	0.00851	0.00401	0.2	0.0219	0.00000868	34	0.0000284	0.00244
2066 Aug	533	0.235	0.3	0.0109	195	0.16	136	0.00066	0.00066	0.00000693	0.00857	0.00404	0.202	0.022	0.00000874	34.3	0.0000286	0.00246
2066 Sep	534	0.235	0.3	0.0109	195	0.16	137	0.00066	0.00066	0.00000693	0.00859	0.00405	0.202	0.0221	0.00000875	34.4	0.0000287	0.00247
2066 Oct	533	0.234	0.299	0.0109	195	0.16	136	0.000658	0.000658	0.00000692	0.00858	0.00404	0.202	0.022	0.00000874	34.3	0.0000286	0.00246
2066 Nov	533	0.234	0.298	0.0109	195	0.16	136	0.000657	0.000657	0.00000692	0.00858	0.00404	0.202	0.022	0.00000874	34.3	0.0000286	0.00246
2066 Dec	533	0.234	0.298	0.0109	195	0.16	137	0.000657	0.000657	0.00000692	0.00858	0.00404	0.202	0.022	0.00000874	34.3	0.0000286	0.00246
2067 Jan	533	0.234	0.298	0.0109	195	0.16	137	0.000657	0.000657	0.00000692	0.00858	0.00404	0.202	0.022	0.00000874	34.3	0.0000286	0.00247
2067 Feb	533	0.234	0.299	0.0109	195	0.16	137	0.000657	0.000657	0.00000692	0.00858	0.00405	0.202	0.022	0.00000874	34.3	0.0000286	0.00247
2067 Mar	533	0.234	0.299	0.0109	195	0.16	137	0.000658	0.000658	0.00000692	0.00858	0.00405	0.202	0.022	0.00000874	34.3	0.0000287	0.00247
2067 Apr	533	0.234	0.299	0.0109	195	0.16	137	0.000658	0.000658	0.00000692	0.00859	0.00405	0.202	0.022	0.00000874	34.3	0.0000287	0.00247
2067 May	534	0.234	0.299	0.0109	195	0.16	137	0.000659	0.000659	0.00000694	0.0086	0.00406	0.203	0.0221	0.00000876	34.4	0.0000287	0.00247
2067 Jun	532	0.232	0.296	0.0108	194	0.16	137	0.000654	0.000654	0.00000691	0.00858	0.00405	0.203	0.022	0.00000873	34.3	0.0000287	0.00247
2067 Jul	537	0.234	0.299	0.0109	196	0.161	138	0.000659	0.000659	0.00000696	0.00866	0.00409	0.204	0.0222	0.0000088	34.7	0.0000289	0.00249
2067 Aug	539	0.234	0.299	0.0109	197	0.162	139	0.00066	0.00066	0.00000699	0.0087	0.00411	0.206	0.0223	0.00000884	34.8	0.0000291	0.0025
2067 Sep	540	0.235	0.299	0.0109	197	0.163	139	0.00066	0.00066	0.00000701	0.00872	0.00412	0.206	0.0224	0.00000886	34.9	0.0000291	0.00251
2067 Oct	539	0.233	0.298	0.0109	196	0.162	139	0.000657	0.000657	0.00000698	0.0087	0.00411	0.206	0.0223	0.00000884	34.9	0.0000291	0.00251
2067 Nov	539	0.233	0.298	0.0108	196	0.162	139	0.000657	0.000657	0.00000698	0.0087	0.00411	0.206	0.0223	0.00000883	34.9	0.0000291	0.00251
2067 Dec	539	0.233	0.298	0.0109	196	0.162	139	0.000657	0.000657	0.00000698	0.0087	0.00411	0.206	0.0223	0.00000883	34.9	0.0000291	0.00251
2068 Jan	539	0.233	0.298	0.0109	196	0.162	139	0.000657	0.000657	0.00000698	0.0087	0.00411	0.206	0.0223	0.00000883	34.9	0.0000291	0.00251
2068 Feb	539	0.233	0.298	0.0109	196	0.162	139	0.000657	0.000657	0.00000698	0.0087	0.00411	0.206	0.0223	0.00000884	34.9	0.0000291	0.00251
2068 Mar	539	0.233	0.298	0.0109	196	0.163	139	0.000657	0.000657	0.00000699	0.0087	0.00412	0.206	0.0224	0.00000884	34.9	0.0000291	0.00251
2068 Apr	540	0.234	0.298	0.0109	196	0.163	139	0.000658	0.000658	0.00000699	0.00871	0.00412	0.206	0.0224	0.00000885	34.9	0.0000291	0.00251
2068 May	540	0.234	0.298	0.0109	197	0.163	139	0.000659	0.000659	0.000007	0.00873	0.00413	0.206	0.0224	0.00000886	35	0.0000292	0.00252
2068 Jun	534	0.229	0.292	0.0107	194	0.161	138	0.000646	0.000646	0.00000691	0.00864	0.00409	0.205	0.0222	0.00000875	34.6	0.0000289	0.00249
2068 Jul	537	0.23	0.293	0.0107	195	0.162	139	0.000648	0.000648	0.00000694	0.00869	0.00412	0.206	0.0223	0.0000088	34.9	0.0000291	0.00251
2068 Aug	541	0.231	0.295	0.0108	196	0.164	140	0.000653	0.000653	0.000007	0.00876	0.00415	0.208	0.0225	0.00000887	35.1	0.0000293	0.00253
2068 Sep	542	0.231	0.295	0.0108	196	0.164	140	0.000652	0.000652	0.000007	0.00877	0.00416	0.208	0.0225	0.00000888	35.2	0.0000294	0.00254
2068 Oct	542	0.231	0.295	0.0108	196	0.164	141	0.000652	0.000652	0.00000701	0.00878	0.00416	0.208	0.0225	0.00000888	35.2	0.0000294	0.00254
2068 Nov	542	0.231	0.295	0.0108	196	0.164	141	0.000653	0.000653	0.00000701	0.00878	0.00417	0.209	0.0226	0.00000888	35.2	0.0000294	0.00254
2068 Dec	542	0.231	0.295	0.0108	196	0.164	141	0.000653	0.000653	0.00000701	0.00878	0.00417	0.209	0.0226	0.00000889	35.2	0.0000294	0.00254
2069 Jan	542	0.231	0.295	0.0108	196	0.164	141	0.000653	0.000653	0.00000701	0.00878	0.00417	0.209	0.0226	0.00000889	35.2	0.0000294	0.00254
2069 Feb	542	0.231	0.295	0.0108	196	0.164	141	0.000653	0.000653	0.00000701	0.00878	0.00417	0.209	0.0226	0.00000889	35.2	0.0000294	0.00254
2069 Mar	542	0.231	0.295	0.0108	196	0.164	141	0.000653	0.000653	0.00000701	0.00878	0.00417	0.209	0.0226	0.00000889	35.2	0.0000294	0.00254
2069 Apr	542	0.231	0.295	0.0108	196	0.164	141	0.000653	0.000653	0.00000701	0.00878	0.00417	0.209	0.0226	0.00000889	35.3	0.0000294	0.00254
2069 May	544	0.232	0.296	0.0108	197	0.165	141	0.000654	0.000654	0.00000703	0.00881	0.00418	0.209	0.0226	0.00000891	35.4	0.0000295	0.00255
2069 Jun	542	0.23	0.293	0.0107	196	0.164	141	0.000649	0.000649	0.000007	0.00878	0.00417	0.209	0.0226	0.00000888	35.3	0.0000294	0.00254
2069 Jul	545	0.231	0.294	0.0107	197	0.166	142	0.000652	0.000652	0.00000704	0.00884	0.0042	0.21	0.0227	0.00000893	35.5	0.0000296	0.00256
2069 Aug	548	0.231	0.295	0.0108	198	0.166	143	0.000654	0.000654	0.00000707	0.00889	0.00423	0.212	0.0228	0.00000897	35.7	0.0000298	0.00258
2069 Sep	547	0.23	0.294	0.0107	197	0.166	143	0.000651	0.000651	0.00000705	0.00888	0.00422	0.211	0.0228	0.00000896	35.7	0.0000298	0.00258
2069 Oct	544	0.229	0.292	0.0106	196	0.166	142	0.000646	0.000646	0.00000702	0.00884	0.00421	0.211	0.0227	0.00000891	35.5	0.0000297	0.00257
2069 Nov	544	0.229	0.291	0.0106	196	0.166	142	0.000646	0.000646	0.00000702	0.00884	0.00421	0.211	0.0227	0.00000891	35.5	0.0000297	0.00257

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2069 Dec	544	0.229	0.291	0.0106	196	0.166	142	0.000646	0.000646	0.00000702	0.00884	0.00421	0.211	0.0227	0.00000891	35.5	0.0000297	0.00257
2070 Jan	544	0.229	0.291	0.0106	196	0.166	142	0.000646	0.000646	0.00000702	0.00884	0.00421	0.211	0.0227	0.00000891	35.5	0.0000297	0.00257
2070 Feb	544	0.229	0.291	0.0106	196	0.166	142	0.000646	0.000646	0.00000702	0.00884	0.00421	0.211	0.0227	0.00000891	35.5	0.0000297	0.00257
2070 Mar	544	0.229	0.292	0.0106	196	0.166	142	0.000646	0.000646	0.00000702	0.00884	0.00421	0.211	0.0227	0.00000891	35.5	0.0000297	0.00257
2070 Apr	545	0.229	0.292	0.0106	196	0.166	142	0.000646	0.000646	0.00000702	0.00885	0.00421	0.211	0.0227	0.00000892	35.6	0.0000297	0.00257
2070 May	546	0.229	0.292	0.0107	196	0.166	143	0.000647	0.000647	0.00000703	0.00886	0.00422	0.211	0.0228	0.00000893	35.6	0.0000298	0.00257
2070 Jun	544	0.227	0.29	0.0106	196	0.166	142	0.000643	0.000643	0.00000701	0.00884	0.00421	0.211	0.0227	0.0000089	35.6	0.0000297	0.00257
2070 Jul	548	0.228	0.291	0.0106	197	0.167	143	0.000646	0.000646	0.00000705	0.0089	0.00425	0.213	0.0229	0.00000896	35.8	0.0000299	0.00259
2070 Aug	551	0.229	0.293	0.0107	198	0.168	144	0.000649	0.000649	0.00000709	0.00896	0.00427	0.214	0.023	0.00000902	36	0.0000301	0.00261
2070 Sep	550	0.228	0.291	0.0106	197	0.168	144	0.000646	0.000646	0.00000708	0.00895	0.00427	0.214	0.023	0.000009	36	0.0000301	0.00261
2070 Oct	548	0.227	0.29	0.0106	197	0.168	144	0.000643	0.000643	0.00000706	0.00893	0.00426	0.214	0.0229	0.00000898	36	0.00003	0.0026
2070 Nov	548	0.227	0.29	0.0106	197	0.168	144	0.000643	0.000643	0.00000706	0.00893	0.00426	0.214	0.0229	0.00000898	36	0.00003	0.0026
2070 Dec	548	0.227	0.29	0.0106	197	0.168	144	0.000643	0.000643	0.00000706	0.00893	0.00426	0.214	0.0229	0.00000898	36	0.00003	0.0026
2071 Jan	548	0.227	0.29	0.0106	197	0.168	144	0.000643	0.000643	0.00000706	0.00893	0.00426	0.214	0.0229	0.00000898	36	0.00003	0.0026
2071 Feb	548	0.227	0.29	0.0106	197	0.168	144	0.000643	0.000643	0.00000706	0.00893	0.00426	0.214	0.0229	0.00000898	36	0.00003	0.0026
2071 Mar	548	0.227	0.29	0.0106	197	0.168	144	0.000643	0.000643	0.00000706	0.00893	0.00426	0.214	0.0229	0.00000898	36	0.00003	0.0026
2071 Apr	549	0.227	0.29	0.0106	197	0.168	144	0.000644	0.000644	0.00000706	0.00893	0.00427	0.214	0.0229	0.00000898	36	0.00003	0.0026
2071 May	549	0.227	0.29	0.0106	197	0.168	144	0.000643	0.000643	0.00000706	0.00894	0.00427	0.214	0.023	0.00000898	36	0.00003	0.0026
2071 Jun	545	0.225	0.286	0.0104	195	0.167	144	0.000636	0.000636	0.00000701	0.00889	0.00425	0.213	0.0228	0.00000892	35.8	0.0000299	0.00259
2071 Jul	548	0.225	0.287	0.0105	196	0.168	144	0.000638	0.000638	0.00000704	0.00893	0.00427	0.214	0.023	0.00000896	36	0.0000301	0.00261
2071 Aug	551	0.226	0.288	0.0105	197	0.169	145	0.000641	0.000641	0.00000708	0.00899	0.0043	0.215	0.0231	0.00000902	36.2	0.0000303	0.00262
2071 Sep	551	0.225	0.287	0.0105	197	0.169	145	0.000639	0.000639	0.00000707	0.00899	0.0043	0.216	0.0231	0.00000901	36.2	0.0000303	0.00263
2071 Oct	550	0.225	0.286	0.0105	196	0.169	145	0.000637	0.000637	0.00000706	0.00898	0.0043	0.215	0.0231	0.000009	36.2	0.0000302	0.00262
2071 Nov	550	0.225	0.286	0.0105	196	0.169	145	0.000637	0.000637	0.00000706	0.00898	0.0043	0.215	0.0231	0.000009	36.2	0.0000302	0.00262
2071 Dec	550	0.225	0.286	0.0105	196	0.169	145	0.000637	0.000637	0.00000706	0.00898	0.0043	0.215	0.0231	0.000009	36.2	0.0000302	0.00262
2072 Jan	550	0.225	0.286	0.0105	196	0.169	145	0.000637	0.000637	0.00000706	0.00898	0.0043	0.215	0.0231	0.000009	36.2	0.0000302	0.00262
2072 Feb	550	0.225	0.286	0.0105	196	0.169	145	0.000637	0.000637	0.00000706	0.00898	0.0043	0.215	0.0231	0.000009	36.2	0.0000302	0.00262
2072 Mar	550	0.225	0.286	0.0105	196	0.169	145	0.000637	0.000637	0.00000706	0.00898	0.0043	0.215	0.0231	0.000009	36.2	0.0000302	0.00262
2072 Apr	550	0.225	0.286	0.0105	196	0.169	145	0.000637	0.000637	0.00000706	0.00898	0.0043	0.215	0.0231	0.000009	36.2	0.0000302	0.00263
2072 May	551	0.225	0.287	0.0105	197	0.169	146	0.000639	0.000639	0.00000708	0.009	0.00431	0.216	0.0231	0.00000902	36.3	0.0000303	0.00263
2072 Jun	551	0.224	0.286	0.0104	196	0.169	146	0.000637	0.000637	0.00000707	0.009	0.00431	0.216	0.0231	0.00000901	36.3	0.0000303	0.00263
2072 Jul	553	0.225	0.286	0.0105	197	0.17	146	0.000637	0.000637	0.00000709	0.00903	0.00433	0.217	0.0232	0.00000904	36.4	0.0000304	0.00264
2072 Aug	553	0.224	0.285	0.0104	197	0.17	147	0.000636	0.000636	0.00000709	0.00905	0.00434	0.218	0.0232	0.00000905	36.5	0.0000305	0.00265
2072 Sep	553	0.223	0.284	0.0104	197	0.17	147	0.000634	0.000634	0.00000708	0.00905	0.00434	0.218	0.0232	0.00000904	36.5	0.0000305	0.00265
2072 Oct	551	0.222	0.283	0.0103	196	0.17	146	0.000631	0.000631	0.00000706	0.00902	0.00433	0.217	0.0232	0.00000901	36.4	0.0000304	0.00265
2072 Nov	551	0.222	0.283	0.0103	196	0.17	146	0.00063	0.00063	0.00000706	0.00902	0.00433	0.217	0.0232	0.00000901	36.4	0.0000304	0.00264
2072 Dec	551	0.222	0.283	0.0103	196	0.17	146	0.00063	0.00063	0.00000706	0.00902	0.00433	0.217	0.0232	0.00000901	36.4	0.0000304	0.00265
2073 Jan	551	0.222	0.283	0.0103	196	0.17	146	0.00063	0.00063	0.00000706	0.00902	0.00433	0.217	0.0232	0.00000901	36.4	0.0000304	0.00265
2073 Feb	551	0.222	0.283	0.0103	196	0.17	146	0.00063	0.00063	0.00000706	0.00902	0.00433	0.217	0.0232	0.00000901	36.4	0.0000304	0.00265
2073 Mar	551	0.222	0.283	0.0103	196	0.17	146	0.00063	0.00063	0.00000706	0.00902	0.00433	0.217	0.0232	0.00000901	36.4	0.0000304	0.00265
2073 Apr	552	0.222	0.283	0.0103	196	0.17	147	0.000631	0.000631	0.00000706	0.00903	0.00434	0.217	0.0232	0.00000902	36.4	0.0000305	0.00265
2073 May	552	0.222	0.283	0.0103	196	0.17	147	0.000631	0.000631	0.00000707	0.00904	0.00434	0.217	0.0232	0.00000902	36.5	0.0000305	0.00265
2073 Jun	550	0.22	0.28	0.0103	195	0.17	146	0.000626	0.000626	0.00000703	0.00901	0.00433	0.217	0.0231	0.00000899	36.4	0.0000304	0.00264
2073 Jul	552	0.221	0.281	0.0103	196	0.171	147	0.000628	0.000628	0.00000706	0.00905	0.00435	0.218	0.0233	0.00000903	36.6	0.0000306	0.00266
2073 Aug	555	0.222	0.282	0.0103	197	0.172	148	0.00063	0.00063	0.0000071	0.0091	0.00438	0.22	0.0234	0.00000908	36.8	0.0000307	0.00268
2073 Sep	555	0.221	0.282	0.0103	197	0.172	148	0.000629	0.000629	0.0000071	0.00911	0.00438	0.22	0.0234	0.00000908	36.8	0.0000308	0.00268
2073 Oct	554	0.22	0.28	0.0103	196	0.171	148	0.000626	0.000626	0.00000708	0.00909	0.00438	0.219	0.0234	0.00000905	36.7	0.0000307	0.00267
2073 Nov	554	0.22	0.28	0.0102	196	0.171	148	0.000626	0.000626	0.00000707	0.00909	0.00438	0.219	0.0233	0.00000905	36.7	0.0000307	0.00267
2073 Dec	554	0.22	0.28	0.0102	196	0.171	148	0.000626	0.000626	0.00000708	0.00909	0.00438	0.219	0.0233	0.00000905	36.7	0.0000307	0.00267
2074 Jan	554	0.22	0.28	0.0102	196	0.171	148	0.000626	0.000626	0.00000708	0.00909	0.00438	0.219	0.0233	0.00000905	36.7	0.0000307	0.00267
2074 Feb	554	0.22	0.28	0.0102	196	0.171	148	0.000626	0.000626	0.00000708	0.00909	0.00438	0.219	0.0233	0.00000905	36.7	0.0000307	0.00267
2074 Mar	554	0.22	0.28	0.0102	196	0.171	148	0.000626	0.000626	0.00000708	0.00909	0.00438	0.219	0.0233	0.00000905	36.7	0.0000307	0.00267
2074 Apr	554	0.22	0.28	0.0103	196	0.172	148	0.000626	0.000626	0.00000708	0.0091	0.00438	0.22	0.0234	0.00000906	36.8	0.0000307	0.00268
2074 May	555	0.22	0.28	0.0102	196	0.172	148	0.000626	0.000626	0.00000708	0.0091	0.00438	0.22	0.0234	0.00000906	36.8	0.0000308	0.00268
2074 Jun	550	0.217	0.276	0.0101	194	0.171	147	0.000618	0.000618	0.00000702	0.00904	0.00436	0.219	0.0233	0.00000899	36.6	0.0000306	0.00266
2074 Jul	554	0.218	0.278	0.0102	196	0.172	149	0.000622	0.000622	0.00000707	0.00911	0.0044	0.22	0.0234	0.00000906	36.9	0.0000308	0.00269
2074 Aug	559	0.22	0.28	0.0102	197	0.173	150	0.000626	0.000626	0.00000713	0.00918	0.00443	0.222	0.0236	0.00000913	37.2	0.0000311	0.00271
2074 Sep	558	0.219	0.278	0.0102	197	0.173	150	0.000623	0.000623	0.00000711	0.00918	0.00443	0.222	0.0236	0.00000911	37.2	0.000031	0.00271
2074 Oct	557	0.218	0.278	0.0102	196	0.173	150	0.000622	0.000622	0.0000071	0.00917	0.00443	0.222	0.0236	0.0000091	37.1	0.000031	0.00271
2074 Nov	558	0.218	0.278	0.0102	196	0.173	150	0.000622	0.000622	0.00000711	0.00917	0.00443	0.222	0.0236	0.00000911	37.1	0.000031	0.00271
2074 Dec	558	0.218	0.278	0.0102	196	0.173	150	0.000622	0.000622	0.00000711	0.00917	0.00443	0.222	0.0236	0.00000911	37.1	0.000031	0.00271
2075 Jan	558	0.218	0.278	0.0102	196	0.173	150	0.000622	0.000622	0.00000711	0.00917	0.00443	0.222	0.0236	0.00000911	37.1	0.000031	0.00271
2075 Feb	558	0.218	0.278	0.0102	196	0.173	150	0.000622	0.000622	0.00000711	0.00917	0.00443	0.222	0.0236	0.00000911	37.2	0.000031	0.00271
2075 Mar	558	0.218	0.278	0.0102	196	0.173	150	0.000622	0.000622	0.00000711	0.00917	0.00443	0.222	0.0236	0.00000911	37.2	0.000031	0.00271
2075 Apr	558	0.219	0.278	0.0102	197	0.173	150	0.000623	0.000623	0.00000711	0.00918	0.00443	0.222	0.0236	0.00000912	37.2	0.0000311	0.00271
2075 May	559	0.219	0.278	0.0102	197	0.174	150	0.000624	0.000624	0.00000713	0.0092	0.00444	0.223	0.0236	0.00000913	37.3	0.0000311	0.00271
2075 Jun	556	0.217	0.276	0.0101	196	0.173	150	0.000618	0.000618	0.00000708	0.00916	0.00443	0.222	0.0235	0.00000908	37.1	0.000031	0.0027
2075 Jul	557	0.216	0.275	0.0101	196	0.174	150	0.000618	0.000618	0.0000071	0.00918	0.00444	0.223	0.0236	0.0000091	37.2	0.0000311	0.00271
2075 Aug	560	0.217	0.276	0.0101	197	0.175	151	0.000619	0.000619	0.00000713	0.00923	0.00447	0.224	0.0237	0.00000914	37.4	0.0000313	0.00273
2075 Sep	561	0.217	0.276	0.0101	197	0.175	151	0.00062	0.00062	0.00000714	0.00925	0.00448	0.225	0.0238	0.00000916	37.5	0.0000313	0.00274
2075 Oct	561	0.217	0.276	0.0101	197	0.175	151	0.000619	0.000619	0.00000714	0.00925	0.00448	0.225	0.0238	0.00000916	37.5	0.0000313	0.00274

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2075 Nov	561	0.217	0.276	0.0101	197	0.175	151	0.000619	0.000619	0.00000714	0.00925	0.00448	0.225	0.0238	0.00000916	37.5	0.0000313	0.00274
2075 Dec	561	0.217	0.276	0.0101	197	0.175	151	0.000619	0.000619	0.00000714	0.00925	0.00448	0.225	0.0238	0.00000916	37.5	0.0000313	0.00274
2076 Jan	561	0.217	0.276	0.0101	197	0.175	151	0.000619	0.000619	0.00000714	0.00925	0.00448	0.225	0.0238	0.00000916	37.5	0.0000313	0.00274
2076 Feb	561	0.217	0.276	0.0101	197	0.175	152	0.000619	0.000619	0.00000714	0.00925	0.00448	0.225	0.0238	0.00000916	37.5	0.0000313	0.00274
2076 Mar	561	0.217	0.276	0.0101	197	0.175	152	0.00062	0.00062	0.00000714	0.00925	0.00448	0.225	0.0238	0.00000916	37.5	0.0000314	0.00274
2076 Apr	562	0.217	0.276	0.0101	197	0.175	152	0.00062	0.00062	0.00000714	0.00926	0.00448	0.225	0.0238	0.00000917	37.5	0.0000314	0.00274
2076 May	562	0.217	0.276	0.0101	197	0.175	152	0.000621	0.000621	0.00000716	0.00927	0.00449	0.225	0.0238	0.00000918	37.6	0.0000314	0.00274
2076 Jun	559	0.215	0.273	0.01	196	0.175	151	0.000614	0.000614	0.0000071	0.00922	0.00447	0.224	0.0237	0.00000912	37.4	0.0000313	0.00273
2076 Jul	561	0.215	0.274	0.01	196	0.175	152	0.000615	0.000615	0.00000713	0.00927	0.00449	0.225	0.0238	0.00000916	37.6	0.0000314	0.00275
2076 Aug	565	0.217	0.275	0.0101	198	0.177	153	0.000619	0.000619	0.00000718	0.00933	0.00453	0.227	0.024	0.00000922	37.9	0.0000317	0.00277
2076 Sep	566	0.217	0.276	0.0101	198	0.177	153	0.000619	0.000619	0.00000719	0.00935	0.00454	0.228	0.024	0.00000924	38	0.0000317	0.00277
2076 Oct	565	0.216	0.274	0.0101	197	0.177	153	0.000617	0.000617	0.00000718	0.00934	0.00453	0.227	0.024	0.00000922	37.9	0.0000317	0.00277
2076 Nov	565	0.216	0.274	0.0101	197	0.177	153	0.000617	0.000617	0.00000717	0.00934	0.00453	0.227	0.024	0.00000922	37.9	0.0000317	0.00277
2076 Dec	565	0.216	0.274	0.0101	197	0.177	153	0.000617	0.000617	0.00000717	0.00934	0.00453	0.227	0.024	0.00000922	37.9	0.0000317	0.00277
2077 Jan	565	0.216	0.274	0.0101	197	0.177	153	0.000617	0.000617	0.00000717	0.00934	0.00453	0.227	0.024	0.00000922	37.9	0.0000317	0.00277
2077 Feb	565	0.216	0.274	0.0101	197	0.177	153	0.000617	0.000617	0.00000718	0.00934	0.00453	0.227	0.024	0.00000922	37.9	0.0000317	0.00277
2077 Mar	565	0.216	0.274	0.0101	197	0.177	153	0.000617	0.000617	0.00000718	0.00934	0.00453	0.227	0.024	0.00000922	37.9	0.0000317	0.00277
2077 Apr	566	0.216	0.274	0.0101	198	0.177	153	0.000617	0.000617	0.00000718	0.00934	0.00453	0.227	0.024	0.00000923	37.9	0.0000317	0.00277
2077 May	566	0.216	0.275	0.0101	198	0.177	154	0.000618	0.000618	0.00000719	0.00935	0.00454	0.228	0.024	0.00000924	38	0.0000317	0.00277
2077 Jun	563	0.214	0.271	0.00995	196	0.176	153	0.000611	0.000611	0.00000714	0.0093	0.00452	0.227	0.0239	0.00000918	37.8	0.0000316	0.00276
2077 Jul	567	0.215	0.273	0.01	197	0.178	154	0.000615	0.000615	0.00000719	0.00937	0.00455	0.228	0.0241	0.00000924	38.1	0.0000318	0.00278
2077 Aug	570	0.216	0.274	0.0101	199	0.179	155	0.000618	0.000618	0.00000723	0.00944	0.00459	0.23	0.0243	0.00000931	38.3	0.000032	0.0028
2077 Sep	569	0.215	0.273	0.01	198	0.179	155	0.000614	0.000614	0.00000721	0.00941	0.00458	0.23	0.0242	0.00000928	38.3	0.000032	0.0028
2077 Oct	568	0.214	0.272	0.00999	198	0.179	155	0.000614	0.000614	0.0000072	0.00941	0.00458	0.23	0.0242	0.00000927	38.3	0.000032	0.0028
2077 Nov	569	0.214	0.272	0.00999	198	0.179	155	0.000614	0.000614	0.0000072	0.00941	0.00458	0.23	0.0242	0.00000928	38.3	0.000032	0.0028
2077 Dec	569	0.214	0.272	0.00999	198	0.179	155	0.000614	0.000614	0.00000721	0.00942	0.00458	0.23	0.0242	0.00000928	38.3	0.000032	0.0028
2078 Jan	569	0.214	0.272	0.00999	198	0.179	155	0.000614	0.000614	0.00000721	0.00942	0.00458	0.23	0.0242	0.00000928	38.3	0.000032	0.0028
2078 Feb	569	0.214	0.272	0.00999	198	0.179	155	0.000614	0.000614	0.00000721	0.00942	0.00458	0.23	0.0242	0.00000928	38.3	0.000032	0.0028
2078 Mar	569	0.214	0.272	0.01	198	0.179	155	0.000614	0.000614	0.00000721	0.00942	0.00458	0.23	0.0242	0.00000928	38.3	0.000032	0.0028
2078 Apr	569	0.215	0.273	0.01	198	0.179	155	0.000614	0.000614	0.00000721	0.00942	0.00459	0.23	0.0242	0.00000929	38.3	0.000032	0.0028
2078 May	569	0.214	0.272	0.00998	198	0.179	155	0.000613	0.000613	0.00000721	0.00942	0.00458	0.23	0.0242	0.00000928	38.3	0.000032	0.0028
2078 Jun	565	0.211	0.269	0.00986	196	0.178	154	0.000606	0.000606	0.00000715	0.00937	0.00456	0.229	0.0241	0.00000921	38.1	0.0000318	0.00279
2078 Jul	569	0.213	0.27	0.00992	197	0.179	156	0.00061	0.00061	0.0000072	0.00943	0.0046	0.231	0.0243	0.00000928	38.4	0.0000321	0.00281
2078 Aug	572	0.213	0.271	0.00994	198	0.18	156	0.000611	0.000611	0.00000723	0.00948	0.00462	0.232	0.0244	0.00000932	38.6	0.0000322	0.00283
2078 Sep	573	0.213	0.271	0.00995	199	0.18	157	0.000612	0.000612	0.00000724	0.0095	0.00463	0.232	0.0244	0.00000934	38.7	0.0000323	0.00283
2078 Oct	572	0.213	0.27	0.00993	198	0.18	157	0.000611	0.000611	0.00000724	0.0095	0.00463	0.232	0.0244	0.00000933	38.7	0.0000323	0.00283
2078 Nov	572	0.213	0.27	0.00993	198	0.18	157	0.000611	0.000611	0.00000724	0.0095	0.00463	0.232	0.0244	0.00000933	38.7	0.0000323	0.00283
2078 Dec	573	0.213	0.27	0.00993	198	0.18	157	0.000611	0.000611	0.00000724	0.0095	0.00463	0.232	0.0244	0.00000933	38.7	0.0000323	0.00283
2079 Jan	573	0.213	0.27	0.00993	198	0.18	157	0.000611	0.000611	0.00000724	0.0095	0.00463	0.232	0.0244	0.00000933	38.7	0.0000323	0.00283
2079 Feb	573	0.213	0.27	0.00993	198	0.18	157	0.000611	0.000611	0.00000724	0.0095	0.00463	0.232	0.0244	0.00000933	38.7	0.0000323	0.00283
2079 Mar	573	0.213	0.27	0.00993	198	0.18	157	0.000611	0.000611	0.00000724	0.0095	0.00463	0.232	0.0244	0.00000933	38.7	0.0000323	0.00283
2079 Apr	573	0.213	0.271	0.00993	198	0.181	157	0.000611	0.000611	0.00000724	0.0095	0.00464	0.233	0.0245	0.00000934	38.7	0.0000323	0.00283
2079 May	574	0.214	0.271	0.00996	199	0.181	157	0.000612	0.000612	0.00000726	0.00952	0.00465	0.233	0.0245	0.00000936	38.8	0.0000324	0.00284
2079 Jun	570	0.211	0.268	0.00983	197	0.18	156	0.000605	0.000605	0.0000072	0.00947	0.00462	0.232	0.0244	0.00000929	38.6	0.0000322	0.00283
2079 Jul	572	0.211	0.268	0.00983	198	0.181	157	0.000605	0.000605	0.00000722	0.0095	0.00464	0.233	0.0244	0.00000932	38.7	0.0000323	0.00284
2079 Aug	575	0.212	0.269	0.00988	199	0.182	158	0.000608	0.000608	0.00000726	0.00955	0.00467	0.234	0.0246	0.00000937	38.9	0.0000325	0.00286
2079 Sep	575	0.211	0.268	0.00985	198	0.182	158	0.000607	0.000607	0.00000725	0.00956	0.00467	0.234	0.0246	0.00000937	38.9	0.0000326	0.00286
2079 Oct	574	0.211	0.268	0.00983	198	0.182	158	0.000605	0.000605	0.00000725	0.00955	0.00467	0.234	0.0246	0.00000936	38.9	0.0000325	0.00286
2079 Nov	574	0.211	0.267	0.00982	198	0.182	158	0.000605	0.000605	0.00000724	0.00954	0.00467	0.234	0.0245	0.00000935	38.9	0.0000325	0.00285
2079 Dec	574	0.211	0.267	0.00982	198	0.182	158	0.000605	0.000605	0.00000724	0.00954	0.00467	0.234	0.0245	0.00000935	38.9	0.0000325	0.00285
2080 Jan	574	0.211	0.267	0.00982	198	0.182	158	0.000605	0.000605	0.00000724	0.00954	0.00467	0.234	0.0245	0.00000935	38.9	0.0000325	0.00285
2080 Feb	574	0.211	0.267	0.00982	198	0.182	158	0.000605	0.000605	0.00000724	0.00954	0.00467	0.234	0.0245	0.00000935	38.9	0.0000325	0.00285
2080 Mar	574	0.211	0.267	0.00982	198	0.182	158	0.000605	0.000605	0.00000724	0.00954	0.00467	0.234	0.0245	0.00000935	38.9	0.0000325	0.00285
2080 Apr	574	0.211	0.267	0.00982	198	0.182	158	0.000605	0.000605	0.00000724	0.00955	0.00467	0.234	0.0246	0.00000936	38.9	0.0000325	0.00286
2080 May	575	0.211	0.268	0.00985	199	0.182	158	0.000606	0.000606	0.00000726	0.00957	0.00468	0.235	0.0246	0.00000938	39	0.0000326	0.00286
2080 Jun	574	0.21	0.266	0.00979	198	0.182	158	0.000603	0.000603	0.00000724	0.00955	0.00467	0.235	0.0246	0.00000935	38.9	0.0000326	0.00286
2080 Jul	575	0.21	0.266	0.00977	198	0.182	159	0.000603	0.000603	0.00000725	0.00957	0.00469	0.235	0.0246	0.00000937	39	0.0000326	0.00287
2080 Aug	577	0.21	0.266	0.0098	199	0.183	159	0.000604	0.000604	0.00000728	0.00961	0.00471	0.236	0.0247	0.00000941	39.2	0.0000328	0.00288
2080 Sep	577	0.21	0.266	0.00978	199	0.183	159	0.000603	0.000603	0.00000727	0.00962	0.00471	0.237	0.0247	0.00000941	39.2	0.0000328	0.00288
2080 Oct	577	0.209	0.265	0.00976	198	0.183	159	0.000602	0.000602	0.00000727	0.00961	0.00471	0.237	0.0247	0.0000094	39.2	0.0000328	0.00288
2080 Nov	577	0.209	0.265	0.00975	198	0.183	159	0.000601	0.000601	0.00000726	0.00961	0.00471	0.236	0.0247	0.00000939	39.2	0.0000328	0.00288
2080 Dec	577	0.209	0.265	0.00975	198	0.183	159	0.000601	0.000601	0.00000726	0.00961	0.00471	0.236	0.0247	0.00000939	39.2	0.0000328	0.00288
2081 Jan	577	0.209	0.265	0.00975	198	0.183	159	0.000601	0.000601	0.00000726	0.00961	0.00471	0.236	0.0247	0.00000939	39.2	0.0000328	0.00288
2081 Feb	577	0.209	0.265	0.00975	198	0.183	159	0.000601	0.000601	0.00000726	0.00961	0.00471	0.236	0.0247	0.00000939	39.2	0.0000328	0.00288
2081 Mar	577	0.209	0.265	0.00975	198	0.183	159	0.000601	0.000601	0.00000726	0.00961	0.00471	0.236	0.0247	0.00000939	39.2	0.0000328	0.00288
2081 Apr	577	0.209	0.265	0.00975	198	0.183	159	0.000601	0.000601	0.00000727	0.00962	0.00471	0.237	0.0247	0.0000094	39.2	0.0000328	0.00288
2081 May	578	0.209	0.265	0.00975	198	0.183	160	0.000602	0.000602	0.00000727	0.00962	0.00472	0.237	0.0247	0.00000941	39.3	0.0000328	0.00289
2081 Jun	576	0.207	0.263	0.00968	198	0.183	159	0.000598	0.000598	0.00000724	0.0096	0.00471	0.236	0.0247	0.00000937	39.2	0.0000328	0.00288
2081 Jul	580	0.209	0.265	0.00975	199	0.184	161	0.000602	0.000602	0.0000073	0.00968	0.00475	0.238	0.0249	0.00000945	39.5	0.000033	0.0029
2081 Aug	585	0.21	0.267	0.00982	201	0.186	162	0.000606	0.000606	0.00000736	0.00975	0.00478	0.24	0.0251	0.00000952	39.8	0.0000333	0.00293
2081 Sep	585	0.21	0.267	0.00981	201	0.186	162	0.000606	0.000606	0.00000736	0.00977	0.00479	0.241	0.0251	0.00000953	39.9	0.0000333	0.00293

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2081 Oct	585	0.21	0.266	0.0098	201	0.186	162	0.000605	0.000605	0.00000736	0.00977	0.00479	0.241	0.0251	0.00000953	39.9	0.0000334	0.00293
2081 Nov	585	0.21	0.266	0.00979	200	0.186	162	0.000604	0.000604	0.00000735	0.00976	0.00479	0.241	0.0251	0.00000952	39.8	0.0000333	0.00293
2081 Dec	585	0.21	0.266	0.00979	200	0.186	162	0.000604	0.000604	0.00000735	0.00976	0.00479	0.241	0.0251	0.00000952	39.8	0.0000333	0.00293
2082 Jan	585	0.21	0.266	0.00979	200	0.186	162	0.000604	0.000604	0.00000735	0.00976	0.00479	0.241	0.0251	0.00000952	39.8	0.0000333	0.00293
2082 Feb	585	0.21	0.266	0.00979	200	0.186	162	0.000604	0.000604	0.00000735	0.00976	0.00479	0.241	0.0251	0.00000952	39.8	0.0000333	0.00293
2082 Mar	585	0.21	0.266	0.00979	200	0.186	162	0.000604	0.000604	0.00000735	0.00976	0.00479	0.241	0.0251	0.00000952	39.9	0.0000333	0.00293
2082 Apr	585	0.21	0.266	0.00979	201	0.186	162	0.000605	0.000605	0.00000736	0.00976	0.00479	0.241	0.0251	0.00000953	39.9	0.0000333	0.00293
2082 May	586	0.21	0.267	0.00981	201	0.187	163	0.000606	0.000606	0.00000737	0.00978	0.0048	0.241	0.0252	0.00000955	40	0.0000334	0.00294
2082 Jun	583	0.208	0.264	0.00971	199	0.186	162	0.0006	0.0006	0.00000732	0.00973	0.00478	0.24	0.025	0.00000949	39.7	0.0000332	0.00293
2082 Jul	582	0.207	0.262	0.00966	199	0.186	162	0.000597	0.000597	0.00000731	0.00973	0.00478	0.24	0.025	0.00000948	39.8	0.0000333	0.00293
2082 Aug	586	0.208	0.264	0.00971	200	0.187	163	0.0006	0.0006	0.00000735	0.00979	0.00481	0.242	0.0252	0.00000953	40	0.0000335	0.00295
2082 Sep	587	0.208	0.264	0.00971	200	0.187	163	0.000601	0.000601	0.00000737	0.00981	0.00483	0.242	0.0252	0.00000955	40.1	0.0000335	0.00295
2082 Oct	585	0.207	0.262	0.00966	200	0.187	163	0.000597	0.000597	0.00000734	0.00978	0.00481	0.242	0.0251	0.00000952	40	0.0000334	0.00295
2082 Nov	585	0.207	0.262	0.00966	200	0.187	163	0.000597	0.000597	0.00000734	0.00979	0.00481	0.242	0.0251	0.00000952	40	0.0000335	0.00295
2082 Dec	585	0.207	0.262	0.00966	200	0.187	163	0.000597	0.000597	0.00000734	0.00979	0.00481	0.242	0.0251	0.00000952	40	0.0000335	0.00295
2083 Jan	585	0.207	0.262	0.00966	200	0.187	163	0.000597	0.000597	0.00000734	0.00979	0.00481	0.242	0.0251	0.00000952	40	0.0000335	0.00295
2083 Feb	585	0.207	0.262	0.00966	200	0.187	163	0.000598	0.000598	0.00000734	0.00979	0.00481	0.242	0.0251	0.00000952	40	0.0000335	0.00295
2083 Mar	585	0.207	0.262	0.00966	200	0.187	163	0.000598	0.000598	0.00000734	0.00979	0.00482	0.242	0.0252	0.00000953	40	0.0000335	0.00295
2083 Apr	586	0.207	0.263	0.00967	200	0.187	163	0.000598	0.000598	0.00000735	0.00979	0.00482	0.242	0.0252	0.00000953	40	0.0000335	0.00295
2083 May	586	0.207	0.263	0.00968	200	0.187	163	0.000599	0.000599	0.00000736	0.00981	0.00483	0.242	0.0252	0.00000954	40.1	0.0000335	0.00295
2083 Jun	582	0.205	0.26	0.00956	198	0.186	163	0.000592	0.000592	0.0000073	0.00975	0.0048	0.241	0.0251	0.00000948	39.9	0.0000334	0.00294
2083 Jul	585	0.205	0.26	0.00958	199	0.187	163	0.000593	0.000593	0.00000733	0.0098	0.00483	0.242	0.0252	0.00000952	40.1	0.0000335	0.00295
2083 Aug	587	0.206	0.26	0.0096	200	0.188	164	0.000594	0.000594	0.00000736	0.00984	0.00485	0.243	0.0253	0.00000955	40.2	0.0000337	0.00297
2083 Sep	587	0.205	0.26	0.00957	200	0.188	164	0.000593	0.000593	0.00000735	0.00984	0.00485	0.244	0.0253	0.00000955	40.2	0.0000337	0.00297
2083 Oct	585	0.204	0.258	0.00952	199	0.187	164	0.00059	0.00059	0.00000733	0.00981	0.00484	0.243	0.0252	0.00000952	40.1	0.0000336	0.00296
2083 Nov	585	0.204	0.258	0.00951	199	0.187	164	0.000589	0.000589	0.00000732	0.0098	0.00483	0.243	0.0252	0.00000951	40.1	0.0000336	0.00296
2083 Dec	585	0.204	0.258	0.00951	199	0.187	164	0.000589	0.000589	0.00000732	0.0098	0.00483	0.243	0.0252	0.00000951	40.1	0.0000336	0.00296
2084 Jan	585	0.204	0.258	0.00951	199	0.187	164	0.000589	0.000589	0.00000732	0.0098	0.00483	0.243	0.0252	0.00000951	40.1	0.0000336	0.00296
2084 Feb	585	0.204	0.258	0.00951	199	0.187	164	0.000589	0.000589	0.00000732	0.0098	0.00483	0.243	0.0252	0.00000951	40.1	0.0000336	0.00296
2084 Mar	585	0.204	0.258	0.00951	199	0.187	164	0.000589	0.000589	0.00000732	0.0098	0.00483	0.243	0.0252	0.00000951	40.1	0.0000336	0.00296
2084 Apr	585	0.204	0.258	0.00952	199	0.188	164	0.00059	0.00059	0.00000733	0.00981	0.00484	0.243	0.0252	0.00000952	40.1	0.0000336	0.00296
2084 May	586	0.204	0.258	0.00952	199	0.188	164	0.00059	0.00059	0.00000734	0.00982	0.00485	0.243	0.0253	0.00000953	40.2	0.0000336	0.00297
2084 Jun	582	0.201	0.255	0.0094	197	0.187	163	0.000583	0.000583	0.00000728	0.00976	0.00482	0.242	0.0251	0.00000946	40	0.0000334	0.00295
2084 Jul	585	0.202	0.256	0.00944	198	0.188	164	0.000586	0.000586	0.00000732	0.00982	0.00485	0.244	0.0253	0.00000951	40.2	0.0000336	0.00297
2084 Aug	588	0.203	0.257	0.00947	199	0.189	165	0.000588	0.000588	0.00000735	0.00987	0.00488	0.245	0.0254	0.00000956	40.4	0.0000338	0.00299
2084 Sep	588	0.203	0.256	0.00946	199	0.189	165	0.000587	0.000587	0.00000735	0.00988	0.00488	0.245	0.0254	0.00000957	40.5	0.0000339	0.00299
2084 Oct	587	0.202	0.256	0.00943	199	0.189	165	0.000585	0.000585	0.00000734	0.00986	0.00487	0.245	0.0254	0.00000955	40.4	0.0000338	0.00299
2084 Nov	587	0.202	0.255	0.00942	199	0.189	165	0.000584	0.000584	0.00000733	0.00986	0.00487	0.245	0.0253	0.00000954	40.4	0.0000338	0.00298
2084 Dec	587	0.202	0.255	0.00942	199	0.189	165	0.000584	0.000584	0.00000733	0.00986	0.00487	0.245	0.0253	0.00000954	40.4	0.0000338	0.00298
2085 Jan	587	0.202	0.255	0.00942	199	0.189	165	0.000584	0.000584	0.00000733	0.00986	0.00487	0.245	0.0253	0.00000954	40.4	0.0000338	0.00298
2085 Feb	587	0.202	0.255	0.00942	199	0.189	165	0.000584	0.000584	0.00000733	0.00986	0.00487	0.245	0.0253	0.00000954	40.4	0.0000338	0.00298
2085 Mar	587	0.202	0.255	0.00942	199	0.189	165	0.000584	0.000584	0.00000733	0.00986	0.00487	0.245	0.0253	0.00000954	40.4	0.0000338	0.00298
2085 Apr	587	0.202	0.255	0.00942	199	0.189	165	0.000585	0.000585	0.00000734	0.00986	0.00487	0.245	0.0254	0.00000955	40.4	0.0000338	0.00299
2085 May	588	0.202	0.255	0.00942	199	0.189	165	0.000585	0.000585	0.00000734	0.00987	0.00488	0.245	0.0254	0.00000955	40.5	0.0000338	0.00299
2085 Jun	587	0.201	0.254	0.00938	198	0.189	165	0.000582	0.000582	0.00000733	0.00986	0.00488	0.245	0.0254	0.00000954	40.4	0.0000338	0.00299
2085 Jul	591	0.202	0.256	0.00943	200	0.19	166	0.000586	0.000586	0.00000738	0.00993	0.00491	0.247	0.0256	0.0000096	40.7	0.0000341	0.00301
2085 Aug	592	0.202	0.255	0.00942	200	0.191	167	0.000585	0.000585	0.00000738	0.00995	0.00493	0.248	0.0256	0.00000962	40.8	0.0000341	0.00302
2085 Sep	591	0.201	0.254	0.00938	199	0.19	167	0.000583	0.000583	0.00000737	0.00994	0.00492	0.247	0.0256	0.0000096	40.8	0.0000341	0.00301
2085 Oct	590	0.2	0.253	0.00935	199	0.19	167	0.000581	0.000581	0.00000735	0.00992	0.00492	0.247	0.0255	0.00000958	40.7	0.0000341	0.00301
2085 Nov	589	0.2	0.253	0.00933	199	0.19	166	0.00058	0.00058	0.00000735	0.00991	0.00491	0.247	0.0255	0.00000957	40.7	0.000034	0.00301
2085 Dec	589	0.2	0.253	0.00933	199	0.19	166	0.00058	0.00058	0.00000735	0.00991	0.00491	0.247	0.0255	0.00000957	40.7	0.000034	0.00301
2086 Jan	589	0.2	0.253	0.00933	199	0.19	166	0.00058	0.00058	0.00000735	0.00991	0.00491	0.247	0.0255	0.00000957	40.7	0.000034	0.00301
2086 Feb	589	0.2	0.253	0.00933	199	0.19	166	0.00058	0.00058	0.00000735	0.00991	0.00491	0.247	0.0255	0.00000957	40.7	0.000034	0.00301
2086 Mar	589	0.2	0.253	0.00933	199	0.19	166	0.00058	0.00058	0.00000735	0.00991	0.00491	0.247	0.0255	0.00000957	40.7	0.000034	0.00301
2086 Apr	590	0.2	0.253	0.00934	199	0.19	166	0.00058	0.00058	0.00000735	0.00992	0.00491	0.247	0.0255	0.00000958	40.7	0.000034	0.00301
2086 May	591	0.2	0.253	0.00936	199	0.191	167	0.000581	0.000581	0.00000737	0.00994	0.00493	0.248	0.0256	0.0000096	40.8	0.0000341	0.00302
2086 Jun	587	0.198	0.251	0.00925	198	0.19	166	0.000575	0.000575	0.00000732	0.00989	0.0049	0.246	0.0254	0.00000954	40.6	0.0000339	0.003
2086 Jul	590	0.199	0.251	0.00928	199	0.191	167	0.000577	0.000577	0.00000736	0.00995	0.00493	0.248	0.0256	0.00000959	40.8	0.0000342	0.00302
2086 Aug	593	0.199	0.252	0.00931	199	0.192	168	0.000579	0.000579	0.00000739	0.00999	0.00496	0.249	0.0257	0.00000964	41	0.0000343	0.00304
2086 Sep	593	0.199	0.251	0.00929	199	0.192	168	0.000578	0.000578	0.00000739	0.01	0.00496	0.249	0.0257	0.00000964	41.1	0.0000344	0.00304
2086 Oct	593	0.199	0.251	0.00928	199	0.192	168	0.000577	0.000577	0.00000739	0.01	0.00496	0.25	0.0257	0.00000964	41.1	0.0000344	0.00304
2086 Nov	594	0.199	0.251	0.00928	199	0.192	168	0.000578	0.000578	0.00000739	0.01	0.00497	0.25	0.0257	0.00000964	41.1	0.0000344	0.00304
2086 Dec	594	0.199	0.251	0.00929	199	0.192	168	0.000578	0.000578	0.00000739	0.01	0.00497	0.25	0.0257	0.00000964	41.1	0.0000344	0.00304
2087 Jan	594	0.199	0.251	0.00929	199	0.192	168	0.000578	0.000578	0.00000739	0.01	0.00497	0.25	0.0257	0.00000964	41.1	0.0000344	0.00304
2087 Feb	594	0.199	0.251	0.00929	199	0.192	168	0.000578	0.000578	0.00000739	0.01	0.00497	0.25	0.0257	0.00000964	41.1	0.0000344	0.00304
2087 Mar	594	0.199	0.251	0.00929	199	0.192	168	0.000578	0.000578	0.00000739	0.01	0.00497	0.25	0.0257	0.00000964	41.1	0.0000344	0.00304
2087 Apr	594	0.199	0.251	0.00929	199	0.192	168	0.000578	0.000578	0.00000739	0.01	0.00497	0.25	0.0258	0.00000965	41.1	0.0000344	0.00304
2087 May	594	0.199	0.251	0.00929	199	0.192	168	0.000578	0.000578	0.0000074	0.01	0.00497	0.25	0.0258	0.00000965	41.1	0.0000344	0.00305
2087 Jun	592	0.197	0.25	0.00922	199	0.192	168	0.000574	0.000574	0.00000737	0.00999	0.00496	0.249	0.0257	0.00000962	41.1	0.0000343	0.00304
2087 Jul	595	0.198	0.25	0.00926	200	0.193	169	0.000576	0.000576	0.0000074	0.01	0.00499	0.251	0.0258	0.00000967	41.3	0.0000345	0.00306
2087 Aug	599	0.199	0.252	0.0093	201	0.194	170	0.000579	0.000579	0.00000745	0.0101	0.00502	0.252	0.026	0.00000972	41.5	0.0000347	0.00308

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2087 Sep	601	0.199	0.252	0.00932	201	0.195	171	0.00058	0.00058	0.00000747	0.0101	0.00504	0.253	0.0261	0.00000975	41.7	0.0000349	0.00309
2087 Oct	600	0.199	0.252	0.0093	201	0.195	171	0.000579	0.000579	0.00000746	0.0101	0.00504	0.253	0.0261	0.00000975	41.6	0.0000348	0.00309
2087 Nov	600	0.199	0.251	0.0093	201	0.195	171	0.000579	0.000579	0.00000746	0.0101	0.00504	0.253	0.0261	0.00000974	41.6	0.0000348	0.00309
2087 Dec	600	0.199	0.251	0.0093	201	0.195	171	0.000579	0.000579	0.00000746	0.0101	0.00504	0.253	0.0261	0.00000974	41.6	0.0000348	0.00309
2088 Jan	600	0.199	0.251	0.0093	201	0.195	171	0.000579	0.000579	0.00000746	0.0101	0.00504	0.253	0.0261	0.00000974	41.6	0.0000348	0.00309
2088 Feb	600	0.199	0.251	0.0093	201	0.195	171	0.000579	0.000579	0.00000746	0.0101	0.00504	0.253	0.0261	0.00000974	41.6	0.0000348	0.00309
2088 Mar	600	0.199	0.252	0.0093	201	0.195	171	0.000579	0.000579	0.00000746	0.0101	0.00504	0.253	0.0261	0.00000975	41.6	0.0000348	0.00309
2088 Apr	601	0.199	0.252	0.00931	201	0.195	171	0.00058	0.00058	0.00000747	0.0101	0.00504	0.254	0.0261	0.00000976	41.7	0.0000349	0.00309
2088 May	603	0.2	0.253	0.00934	202	0.195	171	0.000581	0.000581	0.00000749	0.0102	0.00506	0.254	0.0262	0.00000979	41.8	0.000035	0.0031
2088 Jun	601	0.199	0.251	0.00929	201	0.195	171	0.000579	0.000579	0.00000747	0.0102	0.00505	0.254	0.0261	0.00000976	41.7	0.0000349	0.0031
2088 Jul	605	0.2	0.252	0.00933	202	0.196	172	0.000581	0.000581	0.00000752	0.0102	0.00508	0.256	0.0263	0.00000982	42	0.0000352	0.00312
2088 Aug	610	0.201	0.254	0.0094	204	0.198	174	0.000586	0.000586	0.00000758	0.0103	0.00513	0.258	0.0265	0.00000991	42.4	0.0000355	0.00314
2088 Sep	612	0.201	0.254	0.00941	204	0.199	174	0.000587	0.000587	0.0000076	0.0103	0.00514	0.259	0.0266	0.00000993	42.5	0.0000356	0.00315
2088 Oct	609	0.2	0.253	0.00936	204	0.198	174	0.000583	0.000583	0.00000757	0.0103	0.00513	0.258	0.0265	0.00000989	42.4	0.0000355	0.00314
2088 Nov	609	0.2	0.253	0.00935	203	0.198	174	0.000583	0.000583	0.00000756	0.0103	0.00513	0.258	0.0265	0.00000989	42.3	0.0000354	0.00314
2088 Dec	609	0.2	0.253	0.00935	203	0.198	174	0.000583	0.000583	0.00000756	0.0103	0.00513	0.258	0.0265	0.00000989	42.3	0.0000354	0.00314
2089 Jan	609	0.2	0.253	0.00935	203	0.198	174	0.000583	0.000583	0.00000756	0.0103	0.00513	0.258	0.0265	0.00000989	42.3	0.0000354	0.00314
2089 Feb	609	0.2	0.253	0.00935	203	0.198	174	0.000583	0.000583	0.00000756	0.0103	0.00513	0.258	0.0265	0.00000989	42.3	0.0000354	0.00314
2089 Mar	609	0.2	0.253	0.00935	204	0.198	174	0.000583	0.000583	0.00000756	0.0103	0.00513	0.258	0.0265	0.00000989	42.4	0.0000354	0.00314
2089 Apr	610	0.2	0.253	0.00936	204	0.198	174	0.000584	0.000584	0.00000757	0.0103	0.00513	0.258	0.0265	0.0000099	42.4	0.0000355	0.00315
2089 May	610	0.2	0.253	0.00936	204	0.198	174	0.000584	0.000584	0.00000758	0.0103	0.00514	0.258	0.0266	0.00000991	42.5	0.0000355	0.00315
2089 Jun	610	0.199	0.252	0.00932	203	0.198	174	0.000582	0.000582	0.00000757	0.0103	0.00514	0.258	0.0265	0.0000099	42.4	0.0000355	0.00315
2089 Jul	613	0.2	0.253	0.00936	204	0.199	175	0.000584	0.000584	0.00000761	0.0104	0.00517	0.26	0.0267	0.00000995	42.7	0.0000357	0.00317
2089 Aug	617	0.201	0.254	0.0094	206	0.201	176	0.000587	0.000587	0.00000765	0.0104	0.0052	0.262	0.0269	0.00001	42.9	0.0000359	0.00319
2089 Sep	618	0.201	0.254	0.0094	206	0.201	177	0.000587	0.000587	0.00000766	0.0105	0.00521	0.262	0.0269	0.00001	43	0.000036	0.00319
2089 Oct	615	0.2	0.252	0.00933	205	0.2	176	0.000583	0.000583	0.00000762	0.0104	0.00519	0.261	0.0268	0.00000998	42.9	0.0000359	0.00318
2089 Nov	615	0.2	0.252	0.00933	205	0.2	176	0.000582	0.000582	0.00000762	0.0104	0.00519	0.261	0.0268	0.00000998	42.8	0.0000359	0.00318
2089 Dec	615	0.2	0.252	0.00933	205	0.2	176	0.000582	0.000582	0.00000762	0.0104	0.00519	0.261	0.0268	0.00000998	42.9	0.0000359	0.00318
2090 Jan	615	0.2	0.252	0.00933	205	0.2	176	0.000583	0.000583	0.00000762	0.0104	0.00519	0.261	0.0268	0.00000998	42.9	0.0000359	0.00318
2090 Feb	615	0.2	0.252	0.00933	205	0.2	176	0.000583	0.000583	0.00000762	0.0104	0.00519	0.261	0.0268	0.00000998	42.9	0.0000359	0.00318
2090 Mar	615	0.2	0.252	0.00933	205	0.2	176	0.000583	0.000583	0.00000762	0.0104	0.00519	0.261	0.0268	0.00000998	42.9	0.0000359	0.00318
2090 Apr	615	0.2	0.252	0.00934	205	0.2	176	0.000583	0.000583	0.00000763	0.0104	0.0052	0.261	0.0268	0.00000998	42.9	0.0000359	0.00318
2090 May	616	0.2	0.253	0.00935	205	0.201	176	0.000584	0.000584	0.00000764	0.0104	0.0052	0.262	0.0268	0.00001	43	0.0000359	0.00319
2090 Jun	612	0.198	0.25	0.00924	203	0.2	175	0.000578	0.000578	0.00000758	0.0104	0.00518	0.26	0.0267	0.00000993	42.7	0.0000357	0.00317
2090 Jul	615	0.198	0.25	0.00927	204	0.201	176	0.00058	0.00058	0.00000762	0.0104	0.0052	0.262	0.0268	0.00000998	42.9	0.0000359	0.00319
2090 Aug	615	0.198	0.249	0.00924	204	0.201	177	0.000578	0.000578	0.00000761	0.0104	0.00521	0.262	0.0268	0.00000998	43	0.000036	0.00319
2090 Sep	614	0.197	0.248	0.00919	204	0.2	176	0.000575	0.000575	0.00000759	0.0104	0.0052	0.262	0.0268	0.00000995	42.9	0.0000359	0.00319
2090 Oct	611	0.195	0.246	0.00913	202	0.2	176	0.000571	0.000571	0.00000755	0.0104	0.00518	0.261	0.0267	0.00000991	42.7	0.0000357	0.00318
2090 Nov	610	0.195	0.246	0.00911	202	0.199	175	0.00057	0.00057	0.00000754	0.0103	0.00517	0.26	0.0266	0.00000989	42.7	0.0000357	0.00317
2090 Dec	610	0.195	0.246	0.00911	202	0.199	175	0.00057	0.00057	0.00000754	0.0103	0.00517	0.26	0.0266	0.00000989	42.7	0.0000357	0.00317
2091 Jan	610	0.195	0.246	0.00911	202	0.199	175	0.00057	0.00057	0.00000754	0.0103	0.00517	0.26	0.0266	0.00000989	42.7	0.0000357	0.00317
2091 Feb	610	0.195	0.246	0.00911	202	0.199	175	0.00057	0.00057	0.00000754	0.0103	0.00517	0.26	0.0266	0.00000989	42.7	0.0000357	0.00317
2091 Mar	610	0.195	0.246	0.00911	202	0.199	175	0.00057	0.00057	0.00000754	0.0104	0.00518	0.26	0.0266	0.00000989	42.7	0.0000357	0.00317
2091 Apr	611	0.195	0.246	0.00912	202	0.2	176	0.000571	0.000571	0.00000755	0.0104	0.00518	0.261	0.0267	0.0000099	42.7	0.0000357	0.00318
2091 May	612	0.195	0.247	0.00914	203	0.2	176	0.000572	0.000572	0.00000757	0.0104	0.00519	0.261	0.0267	0.00000992	42.8	0.0000358	0.00318
2091 Jun	609	0.194	0.244	0.00906	202	0.199	175	0.000568	0.000568	0.00000753	0.0103	0.00517	0.26	0.0266	0.00000988	42.7	0.0000357	0.00317
2091 Jul	614	0.195	0.246	0.00912	203	0.201	177	0.000571	0.000571	0.00000759	0.0104	0.00522	0.262	0.0268	0.00000995	43	0.000036	0.0032
2091 Aug	615	0.195	0.246	0.00912	203	0.201	177	0.000571	0.000571	0.0000076	0.0104	0.00523	0.263	0.0269	0.00000997	43.1	0.0000361	0.00321
2091 Sep	615	0.195	0.245	0.0091	203	0.201	177	0.00057	0.00057	0.0000076	0.0104	0.00523	0.263	0.0269	0.00000997	43.1	0.0000361	0.00321
2091 Oct	614	0.194	0.244	0.00906	203	0.201	177	0.000568	0.000568	0.00000758	0.0104	0.00522	0.263	0.0268	0.00000995	43	0.000036	0.0032
2091 Nov	612	0.193	0.244	0.00904	202	0.201	177	0.000566	0.000566	0.00000756	0.0104	0.00521	0.262	0.0268	0.00000993	42.9	0.0000359	0.0032
2091 Dec	612	0.193	0.244	0.00904	202	0.201	177	0.000566	0.000566	0.00000756	0.0104	0.00521	0.262	0.0268	0.00000993	42.9	0.0000359	0.0032
2092 Jan	612	0.193	0.244	0.00904	202	0.201	177	0.000566	0.000566	0.00000756	0.0104	0.00521	0.262	0.0268	0.00000993	42.9	0.0000359	0.0032
2092 Feb	612	0.193	0.244	0.00904	202	0.201	177	0.000566	0.000566	0.00000756	0.0104	0.00521	0.262	0.0268	0.00000993	42.9	0.0000359	0.0032
2092 Mar	612	0.193	0.244	0.00904	202	0.201	177	0.000566	0.000566	0.00000756	0.0104	0.00521	0.262	0.0268	0.00000993	42.9	0.0000359	0.0032
2092 Apr	613	0.193	0.244	0.00905	202	0.201	177	0.000567	0.000567	0.00000757	0.0104	0.00522	0.262	0.0268	0.00000994	43	0.000036	0.0032
2092 May	614	0.194	0.244	0.00906	203	0.201	177	0.000568	0.000568	0.00000758	0.0104	0.00523	0.263	0.0269	0.00000995	43.1	0.000036	0.00321
2092 Jun	607	0.19	0.24	0.0089	200	0.199	176	0.000559	0.000559	0.00000749	0.0103	0.00518	0.261	0.0266	0.00000984	42.7	0.0000357	0.00318
2092 Jul	609	0.19	0.24	0.0089	200	0.2	176	0.000558	0.000558	0.00000751	0.0104	0.00519	0.261	0.0267	0.00000986	42.8	0.0000358	0.00319
2092 Aug	612	0.191	0.241	0.00895	202	0.201	177	0.000561	0.000561	0.00000755	0.0104	0.00523	0.263	0.0268	0.00000993	43.1	0.000036	0.00321
2092 Sep	613	0.191	0.241	0.00894	202	0.201	178	0.000561	0.000561	0.00000756	0.0104	0.00524	0.263	0.0269	0.00000994	43.1	0.0000361	0.00321
2092 Oct	613	0.191	0.24	0.00893	202	0.201	178	0.00056	0.00056	0.00000755	0.0104	0.00524	0.263	0.0269	0.00000993	43.1	0.0000361	0.00321
2092 Nov	613	0.191	0.24	0.00893	202	0.201	178	0.00056	0.00056	0.00000755	0.0104	0.00524	0.263	0.0269	0.00000993	43.1	0.0000361	0.00321
2092 Dec	613	0.191	0.24	0.00893	202	0.201	178	0.00056	0.00056	0.00000755	0.0104	0.00524	0.263	0.0269	0.00000993	43.1	0.0000361	0.00321
2093 Jan	613	0.191	0.24	0.00893	202	0.201	178	0.00056	0.00056	0.00000755	0.0104	0.00524	0.263	0.0269	0.00000993	43.1	0.0000361	0.00321
2093 Feb	613	0.191	0.24	0.00893	202	0.201	178	0.00056	0.00056	0.00000755	0.0104	0.00524	0.263	0.0269	0.00000993	43.1	0.0000361	0.00321
2093 Mar	613	0.191	0.241	0.00893	202	0.202	178	0.00056	0.00056	0.00000756	0.0104	0.00524	0.264	0.0269	0.00000994	43.1	0.0000361	0.00321
2093 Apr	614	0.191	0.241	0.00894	202	0.202	178	0.000561	0.000561	0.00000756	0.0104	0.00524	0.264	0.0269	0.00000995	43.2	0.0000361	0.00322
2093 May	615	0.191	0.241	0.00895	202	0.202	178	0.000562	0.000562	0.00000758	0.0105	0.00525	0.264	0.027	0.00000996	43.2	0.0000362	0.00322
2093 Jun	612	0.19	0.239	0.00887	201	0.201	177	0.000557	0.000557	0.00000753	0.0104	0.00523	0.263	0.0268	0.00000991	43.1	0.000036	0.00321
2093 Jul	615	0.19	0.24	0.00891	202	0.203	179	0.00056	0.00056	0.00000758	0.0105	0.00527	0.265	0.027	0.00000997	43.3	0.0000363	0.00323

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2093 Aug	619	0.191	0.241	0.00895	203	0.204	180	0.000562	0.000562	0.00000762	0.0105	0.0053	0.267	0.0272	0.00001	43.6	0.0000365	0.00325
2093 Sep	619	0.191	0.241	0.00894	203	0.204	180	0.000562	0.000562	0.00000762	0.0106	0.00531	0.267	0.0272	0.00001	43.6	0.0000365	0.00325
2093 Oct	616	0.19	0.239	0.00888	202	0.203	179	0.000558	0.000558	0.00000759	0.0105	0.00528	0.266	0.0271	0.00000999	43.5	0.0000364	0.00324
2093 Nov	616	0.189	0.238	0.00886	202	0.203	179	0.000557	0.000557	0.00000758	0.0105	0.00528	0.266	0.027	0.00000997	43.4	0.0000363	0.00324
2093 Dec	616	0.189	0.238	0.00886	202	0.203	179	0.000557	0.000557	0.00000758	0.0105	0.00528	0.266	0.027	0.00000997	43.4	0.0000363	0.00324
2094 Jan	616	0.189	0.238	0.00886	202	0.203	179	0.000557	0.000557	0.00000758	0.0105	0.00528	0.266	0.027	0.00000997	43.4	0.0000363	0.00324
2094 Feb	616	0.189	0.238	0.00886	202	0.203	179	0.000557	0.000557	0.00000758	0.0105	0.00528	0.266	0.027	0.00000998	43.4	0.0000363	0.00324
2094 Mar	616	0.189	0.239	0.00886	202	0.203	179	0.000557	0.000557	0.00000758	0.0105	0.00528	0.266	0.027	0.00000998	43.4	0.0000363	0.00324
2094 Apr	616	0.189	0.239	0.00887	202	0.203	179	0.000557	0.000557	0.00000758	0.0105	0.00528	0.266	0.0271	0.00000998	43.4	0.0000364	0.00324
2094 May	616	0.189	0.238	0.00886	202	0.203	179	0.000557	0.000557	0.00000758	0.0105	0.00528	0.266	0.0271	0.00000998	43.5	0.0000364	0.00324
2094 Jun	616	0.189	0.238	0.00883	202	0.203	179	0.000556	0.000556	0.00000758	0.0105	0.00529	0.266	0.0271	0.00000998	43.5	0.0000364	0.00324
2094 Jul	622	0.19	0.24	0.0089	204	0.205	181	0.00056	0.00056	0.00000765	0.0106	0.00534	0.269	0.0273	0.0000101	43.9	0.0000367	0.00327
2094 Aug	627	0.192	0.241	0.00897	205	0.207	183	0.000565	0.000565	0.00000771	0.0107	0.00538	0.271	0.0276	0.0000102	44.3	0.000037	0.0033
2094 Sep	628	0.192	0.241	0.00897	205	0.207	183	0.000564	0.000564	0.00000771	0.0107	0.00539	0.271	0.0276	0.0000102	44.3	0.0000371	0.00331
2094 Oct	626	0.191	0.24	0.00893	205	0.207	182	0.000562	0.000562	0.00000769	0.0107	0.00538	0.271	0.0275	0.0000101	44.2	0.000037	0.0033
2094 Nov	624	0.19	0.239	0.00889	204	0.206	182	0.000559	0.000559	0.00000767	0.0107	0.00537	0.27	0.0275	0.0000101	44.1	0.0000369	0.00329
2094 Dec	624	0.19	0.239	0.00889	204	0.206	182	0.000559	0.000559	0.00000767	0.0107	0.00537	0.27	0.0274	0.0000101	44.1	0.0000369	0.00329
2095 Jan	624	0.19	0.239	0.00889	204	0.206	182	0.000559	0.000559	0.00000767	0.0107	0.00537	0.27	0.0274	0.0000101	44.1	0.0000369	0.00329
2095 Feb	624	0.19	0.239	0.00889	204	0.206	182	0.000559	0.000559	0.00000767	0.0107	0.00537	0.27	0.0274	0.0000101	44.1	0.0000369	0.00329
2095 Mar	624	0.19	0.239	0.00889	204	0.206	182	0.000559	0.000559	0.00000767	0.0107	0.00537	0.27	0.0275	0.0000101	44.1	0.0000369	0.00329
2095 Apr	625	0.19	0.239	0.0089	204	0.206	182	0.00056	0.00056	0.00000767	0.0107	0.00537	0.27	0.0275	0.0000101	44.1	0.0000369	0.00329
2095 May	625	0.19	0.239	0.00889	204	0.206	182	0.00056	0.00056	0.00000768	0.0107	0.00537	0.27	0.0275	0.0000101	44.2	0.000037	0.0033
2095 Jun	626	0.19	0.239	0.00889	205	0.207	183	0.00056	0.00056	0.00000769	0.0107	0.00539	0.271	0.0276	0.0000101	44.3	0.0000371	0.00331
2095 Jul	632	0.191	0.241	0.00896	206	0.209	184	0.000564	0.000564	0.00000776	0.0108	0.00544	0.274	0.0278	0.0000102	44.7	0.0000374	0.00334
2095 Aug	632	0.191	0.24	0.00895	206	0.209	185	0.000563	0.000563	0.00000776	0.0108	0.00545	0.274	0.0278	0.0000102	44.7	0.0000374	0.00334
2095 Sep	633	0.191	0.24	0.00894	207	0.209	185	0.000563	0.000563	0.00000777	0.0108	0.00546	0.275	0.0279	0.0000102	44.8	0.0000375	0.00335
2095 Oct	633	0.191	0.24	0.00894	207	0.21	185	0.000563	0.000563	0.00000777	0.0108	0.00546	0.275	0.0279	0.0000103	44.8	0.0000375	0.00335
2095 Nov	632	0.191	0.24	0.00892	206	0.209	185	0.000562	0.000562	0.00000776	0.0108	0.00545	0.274	0.0279	0.0000102	44.8	0.0000375	0.00334
2095 Dec	632	0.19	0.24	0.00892	206	0.209	185	0.000562	0.000562	0.00000776	0.0108	0.00545	0.274	0.0278	0.0000102	44.8	0.0000375	0.00334
2096 Jan	632	0.191	0.24	0.00892	206	0.209	185	0.000562	0.000562	0.00000776	0.0108	0.00545	0.274	0.0278	0.0000102	44.8	0.0000375	0.00334
2096 Feb	632	0.191	0.24	0.00892	206	0.209	185	0.000562	0.000562	0.00000776	0.0108	0.00545	0.274	0.0279	0.0000102	44.8	0.0000375	0.00334
2096 Mar	632	0.191	0.24	0.00892	206	0.209	185	0.000562	0.000562	0.00000776	0.0108	0.00545	0.274	0.0279	0.0000102	44.8	0.0000375	0.00335
2096 Apr	633	0.191	0.24	0.00893	206	0.209	185	0.000562	0.000562	0.00000777	0.0108	0.00546	0.275	0.0279	0.0000102	44.8	0.0000375	0.00335
2096 May	634	0.191	0.24	0.00894	207	0.21	185	0.000563	0.000563	0.00000778	0.0108	0.00546	0.275	0.0279	0.0000103	44.9	0.0000375	0.00335
2096 Jun	628	0.188	0.237	0.00881	205	0.208	184	0.000555	0.000555	0.0000077	0.0107	0.00542	0.273	0.0277	0.0000102	44.5	0.0000373	0.00333
2096 Jul	631	0.189	0.237	0.00883	205	0.209	185	0.000557	0.000557	0.00000774	0.0108	0.00545	0.274	0.0278	0.0000102	44.8	0.0000375	0.00335
2096 Aug	636	0.19	0.239	0.00889	207	0.211	186	0.000561	0.000561	0.00000779	0.0109	0.00549	0.277	0.028	0.0000103	45.1	0.0000377	0.00337
2096 Sep	636	0.189	0.238	0.00887	207	0.211	186	0.00056	0.00056	0.00000779	0.0109	0.0055	0.277	0.028	0.0000103	45.1	0.0000378	0.00337
2096 Oct	634	0.188	0.237	0.00882	206	0.21	186	0.000557	0.000557	0.00000776	0.0109	0.00548	0.276	0.028	0.0000103	45	0.0000376	0.00336
2096 Nov	633	0.188	0.237	0.00882	206	0.21	186	0.000557	0.000557	0.00000776	0.0108	0.00548	0.276	0.0279	0.0000103	45	0.0000376	0.00336
2096 Dec	634	0.188	0.237	0.00882	206	0.21	186	0.000557	0.000557	0.00000776	0.0109	0.00548	0.276	0.0279	0.0000103	45	0.0000376	0.00336
2097 Jan	634	0.188	0.237	0.00882	206	0.21	186	0.000557	0.000557	0.00000776	0.0109	0.00548	0.276	0.0279	0.0000103	45	0.0000376	0.00336
2097 Feb	634	0.188	0.237	0.00882	206	0.21	186	0.000557	0.000557	0.00000776	0.0109	0.00548	0.276	0.0279	0.0000103	45	0.0000376	0.00336
2097 Mar	634	0.188	0.237	0.00882	206	0.21	186	0.000557	0.000557	0.00000776	0.0109	0.00548	0.276	0.028	0.0000103	45	0.0000376	0.00336
2097 Apr	634	0.189	0.237	0.00883	206	0.21	186	0.000557	0.000557	0.00000777	0.0109	0.00548	0.276	0.028	0.0000103	45	0.0000377	0.00337
2097 May	636	0.189	0.238	0.00885	207	0.211	187	0.000558	0.000558	0.00000779	0.0109	0.0055	0.277	0.028	0.0000103	45.1	0.0000378	0.00337
2097 Jun	635	0.188	0.236	0.00881	206	0.211	186	0.000556	0.000556	0.00000777	0.0109	0.0055	0.277	0.028	0.0000103	45.1	0.0000377	0.00337
2097 Jul	640	0.189	0.238	0.00887	208	0.213	188	0.00056	0.00056	0.00000784	0.011	0.00554	0.279	0.0283	0.0000104	45.5	0.0000381	0.0034
2097 Aug	643	0.19	0.239	0.00891	209	0.214	189	0.000563	0.000563	0.00000787	0.011	0.00557	0.28	0.0284	0.0000104	45.7	0.0000383	0.00342
2097 Sep	645	0.191	0.239	0.00892	209	0.214	190	0.000564	0.000564	0.00000789	0.0111	0.00559	0.281	0.0285	0.0000104	45.8	0.0000384	0.00343
2097 Oct	645	0.19	0.239	0.00891	209	0.214	190	0.000563	0.000563	0.00000789	0.0111	0.00559	0.281	0.0285	0.0000104	45.8	0.0000384	0.00343
2097 Nov	644	0.19	0.239	0.0089	209	0.214	189	0.000562	0.000562	0.00000789	0.011	0.00558	0.281	0.0285	0.0000104	45.8	0.0000383	0.00343
2097 Dec	644	0.19	0.239	0.0089	209	0.214	189	0.000562	0.000562	0.00000789	0.011	0.00558	0.281	0.0285	0.0000104	45.8	0.0000383	0.00343
2098 Jan	644	0.19	0.239	0.0089	209	0.214	189	0.000562	0.000562	0.00000789	0.011	0.00558	0.281	0.0285	0.0000104	45.8	0.0000383	0.00343
2098 Feb	644	0.19	0.239	0.0089	209	0.214	189	0.000562	0.000562	0.00000789	0.011	0.00558	0.281	0.0285	0.0000104	45.8	0.0000383	0.00343
2098 Mar	644	0.19	0.239	0.0089	209	0.214	189	0.000562	0.000562	0.00000789	0.011	0.00559	0.281	0.0285	0.0000104	45.8	0.0000383	0.00343
2098 Apr	645	0.19	0.239	0.00891	209	0.214	190	0.000563	0.000563	0.00000789	0.0111	0.00559	0.281	0.0285	0.0000104	45.8	0.0000384	0.00343
2098 May	645	0.19	0.239	0.0089	209	0.214	190	0.000563	0.000563	0.00000789	0.0111	0.00559	0.281	0.0285	0.0000104	45.9	0.0000384	0.00343
2098 Jun	638	0.187	0.235	0.00876	207	0.212	188	0.000554	0.000554	0.0000078	0.011	0.00554	0.279	0.0282	0.0000103	45.5	0.000038	0.0034
2098 Jul	643	0.188	0.236	0.00882	208	0.214	190	0.000558	0.000558	0.00000787	0.011	0.00559	0.281	0.0285	0.0000104	45.8	0.0000383	0.00343
2098 Aug	645	0.188	0.237	0.00883	209	0.215	190	0.000558	0.000558	0.00000789	0.0111	0.00561	0.282	0.0286	0.0000104	46	0.0000385	0.00344
2098 Sep	643	0.187	0.235	0.00877	208	0.214	190	0.000555	0.000555	0.00000786	0.011	0.0056	0.282	0.0285	0.0000104	45.9	0.0000384	0.00343
2098 Oct	641	0.186	0.234	0.00872	207	0.214	189	0.000552	0.000552	0.00000783	0.011	0.00558	0.281	0.0284	0.0000104	45.7	0.0000382	0.00342
2098 Nov	640	0.186	0.233	0.00871	207	0.213	189	0.000551	0.000551	0.00000782	0.011	0.00557	0.28	0.0283	0.0000104	45.7	0.0000382	0.00342
2098 Dec	640	0.186	0.233	0.00871	207	0.213	189	0.000551	0.000551	0.00000782	0.011	0.00557	0.28	0.0283	0.0000104	45.7	0.0000382	0.00342
2099 Jan	640	0.186	0.233	0.00871	207	0.213	189	0.000551	0.000551	0.00000782	0.011	0.00557	0.28	0.0283	0.0000104	45.7	0.0000382	0.00342
2099 Feb	640	0.186	0.233	0.00871	207	0.213	189	0.000551	0.000551	0.00000782	0.011	0.00557	0.28	0.0283	0.0000104	45.7	0.0000382	0.00342
2099 Mar	640	0.186	0.233	0.00871	207	0.213	189	0.000551	0.000551	0.00000782	0.011	0.00557	0.281	0.0283	0.0000104	45.7	0.0000382	0.00342
2099 Apr	641	0.186	0.234	0.00872	207	0.214	189	0.000552	0.000552	0.00000783	0.011	0.00558	0.281	0.0284	0.0000104	45.7	0.0000383	0.00342
2099 May	639	0.185	0.232	0.00867	206	0.213	189	0.00055	0.00055	0.00000781	0.011	0.00557	0.28	0.0283	0.0000103	45.6	0.0000382	0.00342
2099 Jun	638	0.184	0.231	0.00862	206	0.213	189	0.000546	0.000546	0.00000778	0.011	0.00556	0.28	0.0283	0.0000103	45.5	0.0000381	0.00341

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2099 Jul	643	0.185	0.233	0.00868	207	0.215	190	0.00055	0.00055	0.00000784	0.011	0.0056	0.282	0.0285	0.0000104	45.9	0.0000384	0.00344
2099 Aug	647	0.186	0.234	0.00873	209	0.216	191	0.000553	0.000553	0.0000079	0.0111	0.00564	0.284	0.0287	0.0000105	46.2	0.0000387	0.00346
2099 Sep	647	0.186	0.233	0.0087	208	0.216	191	0.000552	0.000552	0.00000788	0.0111	0.00564	0.284	0.0287	0.0000105	46.2	0.0000387	0.00346
2099 Oct	645	0.185	0.232	0.00867	208	0.216	191	0.00055	0.00055	0.00000786	0.0111	0.00563	0.283	0.0286	0.0000104	46.1	0.0000386	0.00346
2099 Nov	644	0.185	0.232	0.00865	207	0.215	191	0.000548	0.000548	0.00000785	0.0111	0.00562	0.283	0.0286	0.0000104	46	0.0000385	0.00345
2099 Dec	644	0.185	0.232	0.00865	207	0.215	191	0.000548	0.000548	0.00000785	0.0111	0.00562	0.283	0.0286	0.0000104	46	0.0000385	0.00345
2100 Jan	644	0.185	0.232	0.00865	207	0.215	191	0.000548	0.000548	0.00000785	0.0111	0.00562	0.283	0.0286	0.0000104	46	0.0000385	0.00345
2100 Feb	644	0.185	0.232	0.00865	207	0.215	191	0.000548	0.000548	0.00000785	0.0111	0.00562	0.283	0.0286	0.0000104	46	0.0000385	0.00345
2100 Mar	644	0.185	0.232	0.00865	207	0.215	191	0.000548	0.000548	0.00000785	0.0111	0.00562	0.283	0.0286	0.0000104	46	0.0000385	0.00345
2100 Apr	645	0.185	0.232	0.00866	208	0.215	191	0.000549	0.000549	0.00000786	0.0111	0.00563	0.283	0.0286	0.0000104	46.1	0.0000386	0.00345
2100 May	645	0.185	0.232	0.00866	208	0.216	191	0.000549	0.000549	0.00000786	0.0111	0.00563	0.284	0.0286	0.0000104	46.1	0.0000386	0.00346
2100 Jun	640	0.182	0.229	0.00854	206	0.214	190	0.000542	0.000542	0.00000779	0.011	0.00559	0.282	0.0284	0.0000103	45.8	0.0000383	0.00343
2100 Jul	642	0.183	0.229	0.00855	206	0.215	190	0.000543	0.000543	0.00000782	0.011	0.00561	0.283	0.0285	0.0000104	46	0.0000385	0.00345
2100 Aug	642	0.182	0.228	0.00854	206	0.215	191	0.000542	0.000542	0.00000782	0.0111	0.00562	0.283	0.0285	0.0000104	46	0.0000385	0.00345
2100 Sep	643	0.182	0.228	0.00853	206	0.215	191	0.000541	0.000541	0.00000782	0.0111	0.00563	0.283	0.0285	0.0000104	46	0.0000385	0.00345
2100 Oct	643	0.182	0.228	0.00852	206	0.215	191	0.000541	0.000541	0.00000782	0.0111	0.00563	0.283	0.0286	0.0000104	46.1	0.0000385	0.00346
2100 Nov	643	0.182	0.228	0.00852	206	0.215	191	0.000541	0.000541	0.00000783	0.0111	0.00563	0.284	0.0286	0.0000104	46.1	0.0000386	0.00346
2100 Dec	643	0.182	0.228	0.00853	206	0.215	191	0.000541	0.000541	0.00000783	0.0111	0.00563	0.284	0.0286	0.0000104	46.1	0.0000386	0.00346
2101 Jan	643	0.182	0.228	0.00853	206	0.215	191	0.000541	0.000541	0.00000783	0.0111	0.00563	0.284	0.0286	0.0000104	46.1	0.0000386	0.00346
2101 Feb	643	0.182	0.228	0.00853	206	0.215	191	0.000541	0.000541	0.00000783	0.0111	0.00563	0.284	0.0286	0.0000104	46.1	0.0000386	0.00346
2101 Mar	643	0.182	0.228	0.00853	206	0.215	191	0.000541	0.000541	0.00000783	0.0111	0.00563	0.284	0.0286	0.0000104	46.1	0.0000386	0.00346
2101 Apr	643	0.182	0.228	0.00853	206	0.216	191	0.000542	0.000542	0.00000783	0.0111	0.00564	0.284	0.0286	0.0000104	46.1	0.0000386	0.00346
2101 May	644	0.182	0.228	0.00853	207	0.216	191	0.000542	0.000542	0.00000784	0.0111	0.00564	0.284	0.0286	0.0000104	46.2	0.0000386	0.00346
2101 Jun	641	0.181	0.226	0.00846	205	0.215	191	0.000538	0.000538	0.0000078	0.011	0.00562	0.283	0.0285	0.0000104	46	0.0000385	0.00345
2101 Jul	646	0.182	0.228	0.00852	207	0.217	192	0.000542	0.000542	0.00000786	0.0111	0.00567	0.285	0.0287	0.0000104	46.4	0.0000388	0.00348
2101 Aug	651	0.183	0.229	0.00857	208	0.218	194	0.000545	0.000545	0.00000791	0.0112	0.00571	0.287	0.0289	0.0000105	46.7	0.0000391	0.0035
2101 Sep	650	0.182	0.229	0.00855	208	0.218	194	0.000544	0.000544	0.00000791	0.0112	0.00571	0.287	0.0289	0.0000105	46.7	0.0000391	0.0035
2101 Oct	650	0.182	0.228	0.00854	208	0.218	194	0.000543	0.000543	0.0000079	0.0112	0.00571	0.287	0.0289	0.0000105	46.7	0.0000391	0.0035
2101 Nov	649	0.182	0.228	0.00852	208	0.218	193	0.000542	0.000542	0.00000789	0.0112	0.0057	0.287	0.0289	0.0000105	46.6	0.000039	0.0035
2101 Dec	649	0.182	0.228	0.00852	208	0.218	193	0.000541	0.000541	0.00000789	0.0112	0.0057	0.287	0.0289	0.0000105	46.6	0.000039	0.0035
2102 Jan	649	0.182	0.228	0.00852	208	0.218	193	0.000541	0.000541	0.00000789	0.0112	0.0057	0.287	0.0289	0.0000105	46.6	0.000039	0.0035
2102 Feb	649	0.182	0.228	0.00852	208	0.218	193	0.000541	0.000541	0.00000789	0.0112	0.0057	0.287	0.0289	0.0000105	46.6	0.000039	0.0035
2102 Mar	649	0.182	0.228	0.00852	208	0.218	193	0.000542	0.000542	0.00000789	0.0112	0.0057	0.287	0.0289	0.0000105	46.6	0.000039	0.0035
2102 Apr	649	0.182	0.228	0.00852	208	0.218	193	0.000542	0.000542	0.00000789	0.0112	0.0057	0.287	0.0289	0.0000105	46.6	0.000039	0.0035
2102 May	651	0.182	0.228	0.00854	208	0.218	194	0.000543	0.000543	0.00000791	0.0112	0.00571	0.288	0.0289	0.0000105	46.7	0.0000391	0.00351
2102 Jun	647	0.18	0.226	0.00846	207	0.217	193	0.000538	0.000538	0.00000786	0.0112	0.00568	0.286	0.0288	0.0000104	46.5	0.0000389	0.00349
2102 Jul	647	0.18	0.226	0.00844	207	0.218	193	0.000538	0.000538	0.00000786	0.0112	0.00569	0.287	0.0288	0.0000105	46.5	0.000039	0.0035
2102 Aug	650	0.181	0.226	0.00847	208	0.219	194	0.000539	0.000539	0.0000079	0.0112	0.00572	0.288	0.029	0.0000105	46.8	0.0000391	0.00351
2102 Sep	651	0.181	0.226	0.00847	208	0.219	195	0.000539	0.000539	0.00000791	0.0112	0.00573	0.289	0.029	0.0000105	46.9	0.0000392	0.00352
2102 Oct	649	0.18	0.225	0.00843	207	0.218	194	0.000537	0.000537	0.00000788	0.0112	0.00571	0.288	0.0289	0.0000105	46.7	0.0000391	0.00351
2102 Nov	649	0.18	0.225	0.00843	207	0.218	194	0.000537	0.000537	0.00000788	0.0112	0.00572	0.288	0.0289	0.0000105	46.7	0.0000391	0.00351
2102 Dec	649	0.18	0.225	0.00843	207	0.218	194	0.000537	0.000537	0.00000788	0.0112	0.00572	0.288	0.0289	0.0000105	46.7	0.0000391	0.00351
2103 Jan	649	0.18	0.225	0.00843	207	0.218	194	0.000537	0.000537	0.00000788	0.0112	0.00572	0.288	0.0289	0.0000105	46.7	0.0000391	0.00351
2103 Feb	649	0.18	0.225	0.00843	207	0.218	194	0.000537	0.000537	0.00000788	0.0112	0.00572	0.288	0.0289	0.0000105	46.7	0.0000391	0.00351
2103 Mar	649	0.18	0.225	0.00843	207	0.218	194	0.000537	0.000537	0.00000788	0.0112	0.00572	0.288	0.0289	0.0000105	46.7	0.0000391	0.00351
2103 Apr	650	0.18	0.225	0.00844	207	0.219	194	0.000537	0.000537	0.00000789	0.0112	0.00572	0.288	0.0289	0.0000105	46.8	0.0000391	0.00351
2103 May	651	0.18	0.225	0.00844	208	0.219	194	0.000538	0.000538	0.0000079	0.0112	0.00573	0.289	0.029	0.0000105	46.8	0.0000392	0.00352
2103 Jun	646	0.178	0.223	0.00834	206	0.217	193	0.000532	0.000532	0.00000783	0.0112	0.00569	0.287	0.0288	0.0000104	46.5	0.0000389	0.0035
2103 Jul	648	0.178	0.223	0.00835	206	0.218	194	0.000532	0.000532	0.00000786	0.0112	0.00571	0.288	0.0289	0.0000105	46.7	0.0000391	0.00351
2103 Aug	649	0.178	0.223	0.00834	207	0.219	194	0.000532	0.000532	0.00000787	0.0112	0.00573	0.288	0.029	0.0000105	46.8	0.0000392	0.00352
2103 Sep	648	0.177	0.222	0.00831	206	0.218	194	0.00053	0.00053	0.00000786	0.0112	0.00572	0.288	0.0289	0.0000105	46.7	0.0000391	0.00351
2103 Oct	645	0.176	0.22	0.00826	205	0.218	193	0.000527	0.000527	0.00000782	0.0112	0.0057	0.287	0.0288	0.0000104	46.5	0.000039	0.0035
2103 Nov	645	0.176	0.22	0.00825	205	0.217	193	0.000526	0.000526	0.00000781	0.0112	0.00569	0.287	0.0288	0.0000104	46.5	0.0000389	0.0035
2103 Dec	645	0.176	0.22	0.00825	205	0.217	193	0.000526	0.000526	0.00000781	0.0112	0.00569	0.287	0.0288	0.0000104	46.5	0.0000389	0.0035
2104 Jan	645	0.176	0.22	0.00825	205	0.217	193	0.000526	0.000526	0.00000781	0.0112	0.00569	0.287	0.0288	0.0000104	46.5	0.0000389	0.0035
2104 Feb	645	0.176	0.22	0.00825	205	0.217	193	0.000526	0.000526	0.00000781	0.0112	0.00569	0.287	0.0288	0.0000104	46.5	0.0000389	0.0035
2104 Mar	645	0.176	0.22	0.00825	205	0.217	193	0.000526	0.000526	0.00000781	0.0112	0.00569	0.287	0.0288	0.0000104	46.5	0.0000389	0.0035
2104 Apr	645	0.176	0.22	0.00825	205	0.218	194	0.000527	0.000527	0.00000782	0.0112	0.0057	0.287	0.0288	0.0000104	46.6	0.000039	0.0035
2104 May	646	0.176	0.22	0.00826	205	0.218	194	0.000527	0.000527	0.00000783	0.0112	0.00571	0.287	0.0288	0.0000104	46.6	0.000039	0.00351
2104 Jun	641	0.174	0.217	0.00816	204	0.216	193	0.000521	0.000521	0.00000776	0.0111	0.00567	0.286	0.0286	0.0000103	46.3	0.0000388	0.00348
2104 Jul	644	0.174	0.218	0.00818	205	0.218	194	0.000523	0.000523	0.0000078	0.0112	0.0057	0.287	0.0288	0.0000104	46.6	0.000039	0.0035
2104 Aug	647	0.175	0.219	0.0082	205	0.219	194	0.000524	0.000524	0.00000783	0.0112	0.00573	0.289	0.0289	0.0000104	46.8	0.0000391	0.00352
2104 Sep	646	0.174	0.218	0.00818	205	0.218	194	0.000523	0.000523	0.00000782	0.0112	0.00572	0.288	0.0289	0.0000104	46.7	0.0000391	0.00352
2104 Oct	645	0.174	0.217	0.00814	204	0.218	194	0.000521	0.000521	0.0000078	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2104 Nov	644	0.173	0.217	0.00814	204	0.218	194	0.00052	0.00052	0.0000078	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2104 Dec	644	0.173	0.217	0.00814	204	0.218	194	0.00052	0.00052	0.0000078	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2105 Jan	644	0.173	0.217	0.00814	204	0.218	194	0.00052	0.00052	0.0000078	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2105 Feb	644	0.173	0.217	0.00814	204	0.218	194	0.00052	0.00052	0.0000078	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2105 Mar	644	0.173	0.217	0.00814	204	0.218	194	0.00052	0.00052	0.0000078	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2105 Apr	645	0.174	0.217	0.00814	204	0.218	194	0.000521	0.000521	0.0000078	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2105 May	645	0.173	0.217	0.00814	204	0.218	194	0.000521	0.000521	0.0000078	0.0112	0.00572	0.288	0.0288	0.0000104	46.7	0.000039	0.00351

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2105 Jun	645	0.173	0.216	0.00812	204	0.218	194	0.000519	0.000519	0.0000078	0.0112	0.00572	0.288	0.0288	0.0000104	46.7	0.000039	0.00351
2105 Jul	649	0.174	0.217	0.00815	205	0.219	195	0.000522	0.000522	0.00000784	0.0112	0.00575	0.29	0.029	0.0000105	47	0.0000393	0.00353
2105 Aug	648	0.173	0.216	0.00812	205	0.219	195	0.00052	0.00052	0.00000783	0.0112	0.00575	0.29	0.029	0.0000105	46.9	0.0000393	0.00353
2105 Sep	646	0.172	0.215	0.00806	204	0.219	195	0.000516	0.000516	0.0000078	0.0112	0.00573	0.289	0.0289	0.0000104	46.8	0.0000391	0.00352
2105 Oct	643	0.171	0.214	0.00802	203	0.218	194	0.000514	0.000514	0.00000777	0.0112	0.00572	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2105 Nov	643	0.171	0.213	0.00801	203	0.218	194	0.000513	0.000513	0.00000776	0.0111	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2105 Dec	643	0.171	0.213	0.00801	203	0.218	194	0.000513	0.000513	0.00000776	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2106 Jan	643	0.171	0.213	0.00801	203	0.218	194	0.000513	0.000513	0.00000776	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2106 Feb	643	0.171	0.213	0.00801	203	0.218	194	0.000513	0.000513	0.00000776	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2106 Mar	643	0.171	0.213	0.00801	203	0.218	194	0.000513	0.000513	0.00000776	0.0112	0.00571	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2106 Apr	643	0.171	0.213	0.00802	203	0.218	194	0.000513	0.000513	0.00000777	0.0112	0.00572	0.288	0.0288	0.0000104	46.6	0.000039	0.00351
2106 May	644	0.171	0.214	0.00803	204	0.218	194	0.000514	0.000514	0.00000778	0.0112	0.00573	0.289	0.0289	0.0000104	46.7	0.0000391	0.00352
2106 Jun	640	0.169	0.211	0.00794	202	0.217	193	0.000509	0.000509	0.00000773	0.0111	0.0057	0.287	0.0287	0.0000103	46.5	0.0000389	0.0035
2106 Jul	644	0.17	0.212	0.00797	203	0.218	195	0.000511	0.000511	0.00000777	0.0112	0.00573	0.289	0.0289	0.0000104	46.7	0.0000391	0.00352
2106 Aug	645	0.17	0.212	0.00796	203	0.219	195	0.000511	0.000511	0.00000778	0.0112	0.00574	0.289	0.0289	0.0000104	46.8	0.0000392	0.00353
2106 Sep	644	0.169	0.211	0.00793	203	0.219	195	0.000509	0.000509	0.00000776	0.0112	0.00574	0.289	0.0289	0.0000104	46.7	0.0000391	0.00353
2106 Oct	643	0.169	0.21	0.00791	203	0.218	195	0.000508	0.000508	0.00000776	0.0112	0.00573	0.289	0.0288	0.0000104	46.7	0.0000391	0.00352
2106 Nov	643	0.169	0.211	0.00792	203	0.219	195	0.000508	0.000508	0.00000776	0.0112	0.00573	0.289	0.0288	0.0000104	46.7	0.0000391	0.00352
2106 Dec	643	0.169	0.211	0.00792	203	0.219	195	0.000508	0.000508	0.00000776	0.0112	0.00574	0.289	0.0288	0.0000104	46.7	0.0000391	0.00352
2107 Jan	643	0.169	0.211	0.00792	203	0.219	195	0.000508	0.000508	0.00000776	0.0112	0.00574	0.289	0.0288	0.0000104	46.7	0.0000391	0.00352
2107 Feb	643	0.169	0.211	0.00792	203	0.219	195	0.000508	0.000508	0.00000776	0.0112	0.00574	0.289	0.0288	0.0000104	46.7	0.0000391	0.00352
2107 Mar	644	0.169	0.211	0.00792	203	0.219	195	0.000508	0.000508	0.00000776	0.0112	0.00574	0.289	0.0288	0.0000104	46.7	0.0000391	0.00353
2107 Apr	644	0.169	0.211	0.00792	203	0.219	195	0.000508	0.000508	0.00000776	0.0112	0.00574	0.289	0.0289	0.0000104	46.8	0.0000391	0.00353
2107 May	644	0.169	0.211	0.00792	203	0.219	195	0.000508	0.000508	0.00000777	0.0112	0.00574	0.289	0.0289	0.0000104	46.8	0.0000391	0.00353
2107 Jun	643	0.168	0.21	0.00788	202	0.218	195	0.000506	0.000506	0.00000775	0.0112	0.00573	0.289	0.0288	0.0000104	46.7	0.0000391	0.00352
2107 Jul	645	0.168	0.21	0.0079	203	0.219	196	0.000507	0.000507	0.00000778	0.0112	0.00576	0.29	0.029	0.0000104	46.9	0.0000393	0.00354
2107 Aug	649	0.169	0.211	0.00793	204	0.221	197	0.000509	0.000509	0.00000782	0.0113	0.00579	0.292	0.0291	0.0000105	47.2	0.0000395	0.00356
2107 Sep	650	0.169	0.211	0.00793	204	0.221	197	0.000509	0.000509	0.00000783	0.0113	0.0058	0.292	0.0292	0.0000105	47.3	0.0000396	0.00357
2107 Oct	649	0.169	0.21	0.00792	204	0.221	197	0.000508	0.000508	0.00000782	0.0113	0.0058	0.292	0.0291	0.0000105	47.2	0.0000395	0.00356
2107 Nov	649	0.168	0.21	0.00791	204	0.221	197	0.000508	0.000508	0.00000782	0.0113	0.0058	0.292	0.0291	0.0000105	47.2	0.0000395	0.00356
2107 Dec	649	0.168	0.21	0.00791	204	0.221	197	0.000508	0.000508	0.00000782	0.0113	0.0058	0.292	0.0291	0.0000105	47.2	0.0000395	0.00356
2108 Jan	649	0.168	0.21	0.00791	204	0.221	197	0.000508	0.000508	0.00000782	0.0113	0.0058	0.292	0.0291	0.0000105	47.2	0.0000395	0.00356
2108 Feb	649	0.168	0.21	0.00791	204	0.221	197	0.000508	0.000508	0.00000782	0.0113	0.0058	0.292	0.0291	0.0000105	47.2	0.0000395	0.00356
2108 Mar	649	0.169	0.21	0.00791	204	0.221	197	0.000508	0.000508	0.00000782	0.0113	0.0058	0.292	0.0291	0.0000105	47.2	0.0000395	0.00356
2108 Apr	650	0.169	0.211	0.00792	204	0.221	197	0.000509	0.000509	0.00000783	0.0113	0.0058	0.293	0.0292	0.0000105	47.3	0.0000396	0.00357
2108 May	652	0.169	0.211	0.00795	205	0.222	198	0.00051	0.00051	0.00000785	0.0113	0.00582	0.293	0.0292	0.0000105	47.4	0.0000397	0.00358
2108 Jun	651	0.168	0.21	0.00791	204	0.221	197	0.000508	0.000508	0.00000784	0.0113	0.00581	0.293	0.0292	0.0000105	47.4	0.0000396	0.00357
2108 Jul	655	0.169	0.211	0.00796	206	0.223	199	0.000512	0.000512	0.00000789	0.0114	0.00586	0.295	0.0294	0.0000106	47.7	0.0000399	0.0036
2108 Aug	661	0.171	0.213	0.00802	207	0.225	201	0.000515	0.000515	0.00000795	0.0115	0.00591	0.298	0.0297	0.0000106	48.1	0.0000403	0.00363
2108 Sep	661	0.171	0.213	0.00802	208	0.225	201	0.000515	0.000515	0.00000796	0.0115	0.00592	0.298	0.0297	0.0000107	48.2	0.0000403	0.00364
2108 Oct	658	0.169	0.211	0.00796	206	0.224	200	0.000512	0.000512	0.00000792	0.0115	0.00589	0.297	0.0296	0.0000106	47.9	0.0000401	0.00362
2108 Nov	658	0.169	0.211	0.00795	206	0.224	200	0.000511	0.000511	0.00000792	0.0115	0.00589	0.297	0.0295	0.0000106	47.9	0.0000401	0.00362
2108 Dec	658	0.169	0.211	0.00795	206	0.224	200	0.000511	0.000511	0.00000792	0.0115	0.00589	0.297	0.0295	0.0000106	47.9	0.0000401	0.00362
2109 Jan	658	0.169	0.211	0.00795	206	0.224	200	0.000511	0.000511	0.00000792	0.0115	0.00589	0.297	0.0295	0.0000106	47.9	0.0000401	0.00362
2109 Feb	658	0.169	0.211	0.00795	206	0.224	200	0.000511	0.000511	0.00000792	0.0115	0.00589	0.297	0.0295	0.0000106	47.9	0.0000401	0.00362
2109 Mar	658	0.169	0.211	0.00795	206	0.224	200	0.000511	0.000511	0.00000792	0.0115	0.00589	0.297	0.0296	0.0000106	47.9	0.0000401	0.00362
2109 Apr	659	0.169	0.211	0.00796	207	0.224	200	0.000512	0.000512	0.00000793	0.0115	0.00589	0.297	0.0296	0.0000106	48	0.0000402	0.00362
2109 May	659	0.169	0.211	0.00796	207	0.225	200	0.000512	0.000512	0.00000793	0.0115	0.0059	0.297	0.0296	0.0000106	48	0.0000402	0.00363
2109 Jun	660	0.169	0.211	0.00795	207	0.225	201	0.000511	0.000511	0.00000794	0.0115	0.00591	0.298	0.0296	0.0000106	48.1	0.0000402	0.00363
2109 Jul	663	0.17	0.212	0.00797	208	0.226	202	0.000513	0.000513	0.00000797	0.0115	0.00594	0.299	0.0298	0.0000107	48.3	0.0000404	0.00365
2109 Aug	666	0.17	0.212	0.008	209	0.227	203	0.000515	0.000515	0.00000801	0.0116	0.00597	0.301	0.03	0.0000107	48.6	0.0000407	0.00367
2109 Sep	666	0.17	0.212	0.00798	208	0.227	203	0.000514	0.000514	0.000008	0.0116	0.00597	0.301	0.0299	0.0000107	48.6	0.0000406	0.00367
2109 Oct	663	0.169	0.21	0.00792	207	0.226	202	0.00051	0.00051	0.00000796	0.0115	0.00594	0.3	0.0298	0.0000107	48.4	0.0000405	0.00365
2109 Nov	663	0.169	0.21	0.00792	207	0.226	202	0.00051	0.00051	0.00000797	0.0115	0.00594	0.3	0.0298	0.0000107	48.4	0.0000405	0.00365
2109 Dec	663	0.169	0.21	0.00793	207	0.226	202	0.00051	0.00051	0.00000797	0.0115	0.00594	0.3	0.0298	0.0000107	48.4	0.0000405	0.00365
2110 Jan	663	0.169	0.21	0.00793	207	0.226	202	0.00051	0.00051	0.00000797	0.0115	0.00594	0.3	0.0298	0.0000107	48.4	0.0000405	0.00365
2110 Feb	663	0.169	0.21	0.00793	207	0.226	202	0.00051	0.00051	0.00000797	0.0116	0.00594	0.3	0.0298	0.0000107	48.4	0.0000405	0.00365
2110 Mar	663	0.169	0.21	0.00793	207	0.226	202	0.000511	0.000511	0.00000797	0.0116	0.00595	0.3	0.0298	0.0000107	48.4	0.0000405	0.00365
2110 Apr	663	0.169	0.21	0.00793	207	0.226	202	0.000511	0.000511	0.00000797	0.0116	0.00595	0.3	0.0298	0.0000107	48.4	0.0000405	0.00366
2110 May	664	0.169	0.211	0.00794	208	0.227	202	0.000511	0.000511	0.00000798	0.0116	0.00596	0.3	0.0299	0.0000107	48.5	0.0000406	0.00366

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2110 Jun	660	0.167	0.208	0.00786	206	0.225	201	0.000507	0.000507	0.00000793	0.0115	0.00593	0.299	0.0297	0.0000106	48.2	0.0000403	0.00364
2110 Jul	663	0.168	0.209	0.00788	207	0.227	202	0.000508	0.000508	0.00000797	0.0116	0.00596	0.3	0.0298	0.0000107	48.4	0.0000405	0.00366
2110 Aug	661	0.166	0.207	0.00782	206	0.226	202	0.000505	0.000505	0.00000793	0.0115	0.00594	0.299	0.0297	0.0000106	48.3	0.0000404	0.00365
2110 Sep	657	0.165	0.205	0.00775	205	0.225	201	0.0005	0.0005	0.00000788	0.0115	0.00591	0.298	0.0296	0.0000106	48	0.0000402	0.00363
2110 Oct	653	0.164	0.204	0.00769	203	0.224	200	0.000496	0.000496	0.00000784	0.0114	0.00588	0.296	0.0294	0.0000105	47.8	0.00004	0.00361
2110 Nov	652	0.163	0.203	0.00767	203	0.223	199	0.000495	0.000495	0.00000782	0.0114	0.00587	0.296	0.0294	0.0000105	47.7	0.0000399	0.00361
2110 Dec	652	0.163	0.203	0.00767	203	0.223	199	0.000495	0.000495	0.00000782	0.0114	0.00587	0.296	0.0294	0.0000105	47.7	0.0000399	0.00361
2111 Jan	652	0.163	0.203	0.00767	203	0.223	199	0.000495	0.000495	0.00000782	0.0114	0.00587	0.296	0.0294	0.0000105	47.7	0.0000399	0.00361
2111 Feb	652	0.163	0.203	0.00767	203	0.223	199	0.000495	0.000495	0.00000782	0.0114	0.00587	0.296	0.0294	0.0000105	47.7	0.0000399	0.00361
2111 Mar	652	0.163	0.203	0.00767	203	0.223	199	0.000495	0.000495	0.00000783	0.0114	0.00587	0.296	0.0294	0.0000105	47.7	0.0000399	0.00361
2111 Apr	653	0.163	0.204	0.00768	203	0.224	200	0.000496	0.000496	0.00000783	0.0114	0.00588	0.296	0.0294	0.0000105	47.8	0.00004	0.00361
2111 May	654	0.164	0.204	0.00769	204	0.224	200	0.000497	0.000497	0.00000785	0.0114	0.00589	0.297	0.0295	0.0000105	47.9	0.0000401	0.00362
2111 Jun	652	0.163	0.202	0.00764	203	0.223	199	0.000494	0.000494	0.00000782	0.0114	0.00587	0.296	0.0294	0.0000105	47.7	0.0000399	0.00361
2111 Jul	657	0.164	0.204	0.00769	204	0.225	201	0.000497	0.000497	0.00000788	0.0115	0.00592	0.298	0.0296	0.0000106	48.1	0.0000403	0.00364
2111 Aug	656	0.163	0.203	0.00767	204	0.225	201	0.000496	0.000496	0.00000787	0.0115	0.00592	0.298	0.0296	0.0000106	48.1	0.0000403	0.00364
2111 Sep	656	0.163	0.203	0.00765	204	0.225	201	0.000495	0.000495	0.00000787	0.0115	0.00592	0.298	0.0296	0.0000106	48.1	0.0000403	0.00364
2111 Oct	654	0.162	0.201	0.00761	203	0.224	200	0.000492	0.000492	0.00000783	0.0114	0.0059	0.297	0.0295	0.0000105	47.9	0.0000401	0.00363
2111 Nov	652	0.161	0.201	0.00758	203	0.224	200	0.00049	0.00049	0.00000782	0.0114	0.00589	0.297	0.0294	0.0000105	47.8	0.00004	0.00362
2111 Dec	652	0.161	0.201	0.00758	203	0.224	200	0.00049	0.00049	0.00000782	0.0114	0.00589	0.297	0.0294	0.0000105	47.8	0.00004	0.00362
2112 Jan	652	0.161	0.201	0.00758	203	0.224	200	0.00049	0.00049	0.00000782	0.0114	0.00589	0.297	0.0294	0.0000105	47.8	0.00004	0.00362
2112 Feb	652	0.161	0.201	0.00758	203	0.224	200	0.00049	0.00049	0.00000782	0.0114	0.00589	0.297	0.0294	0.0000105	47.8	0.00004	0.00362
2112 Mar	652	0.161	0.201	0.00758	203	0.224	200	0.000491	0.000491	0.00000782	0.0114	0.00589	0.297	0.0294	0.0000105	47.8	0.00004	0.00362
2112 Apr	653	0.161	0.201	0.00759	203	0.224	200	0.000491	0.000491	0.00000782	0.0114	0.00589	0.297	0.0295	0.0000105	47.9	0.0000401	0.00362
2112 May	654	0.162	0.201	0.00759	203	0.224	200	0.000491	0.000491	0.00000783	0.0114	0.0059	0.297	0.0295	0.0000105	47.9	0.0000401	0.00363
2112 Jun	646	0.159	0.197	0.00746	200	0.222	198	0.000484	0.000484	0.00000774	0.0113	0.00584	0.294	0.0292	0.0000104	47.4	0.0000397	0.00359
2112 Jul	648	0.159	0.198	0.00747	201	0.223	199	0.000484	0.000484	0.00000776	0.0113	0.00586	0.296	0.0293	0.0000104	47.6	0.0000398	0.0036
2112 Aug	652	0.16	0.198	0.0075	202	0.224	200	0.000486	0.000486	0.0000078	0.0114	0.00589	0.297	0.0294	0.0000105	47.9	0.0000401	0.00362
2112 Sep	652	0.159	0.198	0.00749	202	0.224	200	0.000486	0.000486	0.0000078	0.0114	0.0059	0.297	0.0295	0.0000105	47.9	0.0000401	0.00363
2112 Oct	651	0.159	0.198	0.00748	202	0.224	200	0.000485	0.000485	0.00000779	0.0114	0.00589	0.297	0.0294	0.0000105	47.9	0.00004	0.00362
2112 Nov	651	0.159	0.198	0.00748	202	0.224	200	0.000485	0.000485	0.00000779	0.0114	0.00589	0.297	0.0294	0.0000105	47.9	0.00004	0.00362
2112 Dec	651	0.159	0.198	0.00748	202	0.224	200	0.000485	0.000485	0.00000779	0.0114	0.00589	0.297	0.0294	0.0000105	47.9	0.0000401	0.00362
2113 Jan	651	0.159	0.198	0.00748	202	0.224	200	0.000485	0.000485	0.00000779	0.0114	0.00589	0.297	0.0294	0.0000105	47.9	0.0000401	0.00362
2113 Feb	651	0.159	0.198	0.00748	202	0.224	200	0.000485	0.000485	0.00000779	0.0114	0.00589	0.297	0.0294	0.0000105	47.9	0.0000401	0.00362
2113 Mar	652	0.159	0.198	0.00748	202	0.224	200	0.000485	0.000485	0.0000078	0.0114	0.0059	0.297	0.0294	0.0000105	47.9	0.0000401	0.00363
2113 Apr	652	0.159	0.198	0.00749	202	0.224	201	0.000485	0.000485	0.0000078	0.0114	0.0059	0.298	0.0295	0.0000105	47.9	0.0000401	0.00363
2113 May	653	0.159	0.198	0.00749	202	0.225	201	0.000486	0.000486	0.00000782	0.0114	0.00591	0.298	0.0295	0.0000105	48	0.0000402	0.00363
2113 Jun	651	0.158	0.197	0.00744	201	0.224	200	0.000483	0.000483	0.00000778	0.0114	0.00589	0.297	0.0294	0.0000105	47.9	0.00004	0.00362
2113 Jul	654	0.159	0.197	0.00747	202	0.225	201	0.000485	0.000485	0.00000783	0.0115	0.00593	0.299	0.0296	0.0000105	48.1	0.0000403	0.00365
2113 Aug	657	0.159	0.198	0.00749	203	0.226	202	0.000486	0.000486	0.00000786	0.0115	0.00596	0.3	0.0297	0.0000106	48.4	0.0000405	0.00366
2113 Sep	657	0.159	0.197	0.00747	203	0.226	202	0.000485	0.000485	0.00000785	0.0115	0.00595	0.3	0.0297	0.0000106	48.3	0.0000404	0.00366
2113 Oct	653	0.157	0.196	0.0074	202	0.225	201	0.000481	0.000481	0.0000078	0.0114	0.00592	0.299	0.0295	0.0000105	48	0.0000402	0.00364
2113 Nov	652	0.157	0.195	0.00739	201	0.225	201	0.00048	0.00048	0.00000779	0.0114	0.00591	0.298	0.0295	0.0000105	48	0.0000402	0.00364
2113 Dec	652	0.157	0.195	0.00739	201	0.225	201	0.00048	0.00048	0.00000779	0.0114	0.00591	0.298	0.0295	0.0000105	48	0.0000402	0.00364
2114 Jan	652	0.157	0.195	0.00739	201	0.225	201	0.00048	0.00048	0.00000779	0.0114	0.00591	0.298	0.0295	0.0000105	48	0.0000402	0.00364
2114 Feb	652	0.157	0.195	0.00739	201	0.225	201	0.00048	0.00048	0.00000779	0.0114	0.00591	0.298	0.0295	0.0000105	48	0.0000402	0.00364
2114 Mar	652	0.157	0.195	0.00739	201	0.225	201	0.00048	0.00048	0.00000779	0.0114	0.00592	0.298	0.0295	0.0000105	48	0.0000402	0.00364
2114 Apr	653	0.157	0.195	0.0074	202	0.225	201	0.00048	0.00048	0.0000078	0.0114	0.00592	0.299	0.0295	0.0000105	48	0.0000402	0.00364
2114 May	652	0.157	0.195	0.00739	201	0.225	201	0.00048	0.00048	0.00000779	0.0114	0.00592	0.298	0.0295	0.0000105	48	0.0000402	0.00364
2114 Jun	653	0.157	0.195	0.00738	202	0.225	201	0.00048	0.00048	0.0000078	0.0115	0.00593	0.299	0.0296	0.0000105	48.1	0.0000403	0.00365
2114 Jul	659	0.158	0.196	0.00744	203	0.227	203	0.000484	0.000484	0.00000787	0.0116	0.00598	0.302	0.0298	0.0000106	48.6	0.0000406	0.00368
2114 Aug	664	0.159	0.198	0.00749	205	0.229	205	0.000487	0.000487	0.00000793	0.0116	0.00603	0.304	0.0301	0.0000107	48.9	0.0000409	0.00371
2114 Sep	663	0.159	0.197	0.00747	205	0.229	205	0.000485	0.000485	0.00000792	0.0116	0.00602	0.304	0.03	0.0000107	48.9	0.0000409	0.00371
2114 Oct	661	0.158	0.196	0.00743	204	0.228	204	0.000483	0.000483	0.00000789	0.0116	0.00601	0.303	0.0299	0.0000106	48.7	0.0000408	0.00369
2114 Nov	659	0.157	0.195	0.0074	203	0.227	204	0.000481	0.000481	0.00000787	0.0116	0.00599	0.302	0.0298	0.0000106	48.6	0.0000407	0.00368
2114 Dec	659	0.157	0.195	0.0074	203	0.227	204	0.000481	0.000481	0.00000787	0.0116	0.00599	0.302	0.0298	0.0000106	48.6	0.0000407	0.00368
2115 Jan	659	0.157	0.195	0.0074	203	0.227	204	0.000481	0.000481	0.00000787	0.0116	0.00599	0.302	0.0298	0.0000106	48.6	0.0000407	0.00368
2115 Feb	659	0.157	0.195	0.0074	203	0.227	204	0.000481	0.000481	0.00000787	0.0116	0.00599	0.302	0.0298	0.0000106	48.6	0.0000407	0.00368
2115 Mar	659	0.157	0.195	0.0074	203	0.227	204	0.000481	0.000481	0.00000787	0.0116	0.00599	0.302	0.0299	0.0000106	48.6	0.0000407	0.00368
2115 Apr	660	0.157	0.195	0.0074	203	0.228	204	0.000481	0.000481	0.00000787	0.0116	0.006	0.302	0.0299	0.0000106	48.6	0.0000407	0.00369
2115 May	660	0.157	0.195	0.00739	203	0.228	204	0.000481	0.000481	0.00000787	0.0116	0.006	0.302	0.0299	0.0000106	48.6	0.0000407	0.00369

Appendix C.2-20: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2115 Jun	662	0.158	0.196	0.00741	204	0.229	205	0.000483	0.000483	0.0000079	0.0116	0.00602	0.304	0.03	0.0000107	48.9	0.0000409	0.0037
2115 Jul	667	0.159	0.197	0.00746	205	0.23	206	0.000485	0.000485	0.00000796	0.0117	0.00607	0.306	0.0302	0.0000107	49.2	0.0000412	0.00373
2115 Aug	666	0.158	0.196	0.00743	205	0.23	206	0.000483	0.000483	0.00000795	0.0117	0.00606	0.306	0.0302	0.0000107	49.2	0.0000411	0.00373
2115 Sep	667	0.158	0.196	0.00742	205	0.23	206	0.000483	0.000483	0.00000795	0.0117	0.00607	0.306	0.0302	0.0000107	49.2	0.0000412	0.00373
2115 Oct	667	0.158	0.195	0.00741	205	0.23	206	0.000483	0.000483	0.00000795	0.0117	0.00607	0.306	0.0302	0.0000107	49.2	0.0000412	0.00373
2115 Nov	666	0.157	0.195	0.0074	205	0.23	206	0.000482	0.000482	0.00000794	0.0117	0.00606	0.306	0.0302	0.0000107	49.2	0.0000411	0.00373
2115 Dec	666	0.157	0.195	0.0074	205	0.23	206	0.000482	0.000482	0.00000794	0.0117	0.00606	0.306	0.0302	0.0000107	49.2	0.0000411	0.00373
2116 Jan	666	0.157	0.195	0.0074	205	0.23	206	0.000482	0.000482	0.00000794	0.0117	0.00606	0.306	0.0302	0.0000107	49.2	0.0000411	0.00373
2116 Feb	666	0.157	0.195	0.0074	205	0.23	206	0.000482	0.000482	0.00000794	0.0117	0.00607	0.306	0.0302	0.0000107	49.2	0.0000411	0.00373
2116 Mar	666	0.157	0.195	0.0074	205	0.23	206	0.000482	0.000482	0.00000794	0.0117	0.00607	0.306	0.0302	0.0000107	49.2	0.0000412	0.00373
2116 Apr	667	0.157	0.195	0.00741	205	0.23	206	0.000482	0.000482	0.00000795	0.0117	0.00607	0.306	0.0302	0.0000107	49.2	0.0000412	0.00373
2116 May	667	0.158	0.195	0.00741	205	0.231	206	0.000483	0.000483	0.00000795	0.0117	0.00608	0.307	0.0303	0.0000107	49.3	0.0000412	0.00374
2116 Jun	661	0.155	0.193	0.00731	203	0.229	205	0.000477	0.000477	0.00000788	0.0116	0.00603	0.304	0.03	0.0000106	48.9	0.0000409	0.00371
2116 Jul	666	0.156	0.194	0.00735	204	0.23	206	0.000479	0.000479	0.00000794	0.0117	0.00607	0.306	0.0302	0.0000107	49.2	0.0000412	0.00374
2116 Aug	670	0.157	0.195	0.00739	206	0.232	208	0.000482	0.000482	0.00000799	0.0118	0.00611	0.308	0.0304	0.0000108	49.6	0.0000415	0.00376
2116 Sep	668	0.156	0.194	0.00735	205	0.231	207	0.000479	0.000479	0.00000796	0.0117	0.0061	0.308	0.0303	0.0000107	49.4	0.0000414	0.00375
2116 Oct	666	0.155	0.192	0.00731	204	0.23	207	0.000477	0.000477	0.00000793	0.0117	0.00608	0.307	0.0302	0.0000107	49.2	0.0000412	0.00374
2116 Nov	666	0.155	0.192	0.00731	204	0.23	207	0.000477	0.000477	0.00000793	0.0117	0.00608	0.307	0.0302	0.0000107	49.3	0.0000412	0.00374
2116 Dec	666	0.155	0.192	0.00731	204	0.23	207	0.000477	0.000477	0.00000793	0.0117	0.00608	0.307	0.0302	0.0000107	49.3	0.0000412	0.00374
2117 Jan	666	0.155	0.192	0.00731	204	0.23	207	0.000477	0.000477	0.00000793	0.0117	0.00608	0.307	0.0302	0.0000107	49.3	0.0000412	0.00374
2117 Feb	666	0.155	0.192	0.00731	204	0.23	207	0.000477	0.000477	0.00000793	0.0117	0.00608	0.307	0.0302	0.0000107	49.3	0.0000412	0.00374
2117 Mar	666	0.155	0.192	0.00731	204	0.23	207	0.000477	0.000477	0.00000793	0.0117	0.00608	0.307	0.0302	0.0000107	49.3	0.0000412	0.00374
2117 Apr	666	0.155	0.193	0.00731	204	0.231	207	0.000477	0.000477	0.00000794	0.0117	0.00608	0.307	0.0303	0.0000107	49.3	0.0000413	0.00374
2117 May	667	0.156	0.193	0.00732	205	0.231	207	0.000478	0.000478	0.00000795	0.0117	0.00609	0.307	0.0303	0.0000107	49.4	0.0000413	0.00375
2117 Jun	668	0.155	0.193	0.00731	205	0.231	207	0.000478	0.000478	0.00000795	0.0117	0.0061	0.308	0.0304	0.0000107	49.5	0.0000414	0.00375
2117 Jul	673	0.156	0.194	0.00736	206	0.233	209	0.000481	0.000481	0.00000802	0.0118	0.00615	0.31	0.0306	0.0000108	49.9	0.0000417	0.00378
2117 Aug	676	0.157	0.194	0.00738	207	0.234	210	0.000482	0.000482	0.00000805	0.0119	0.00618	0.312	0.0307	0.0000109	50.1	0.0000419	0.0038
2117 Sep	677	0.157	0.194	0.00739	207	0.235	210	0.000483	0.000483	0.00000806	0.0119	0.00619	0.312	0.0308	0.0000109	50.2	0.000042	0.00381
2117 Oct	677	0.157	0.194	0.00737	207	0.234	210	0.000482	0.000482	0.00000805	0.0119	0.00619	0.312	0.0307	0.0000109	50.1	0.0000419	0.00381
2117 Nov	676	0.157	0.194	0.00737	207	0.234	210	0.000481	0.000481	0.00000805	0.0119	0.00618	0.312	0.0307	0.0000109	50.1	0.0000419	0.0038
2117 Dec	676	0.157	0.194	0.00737	207	0.234	210	0.000481	0.000481	0.00000805	0.0119	0.00618	0.312	0.0307	0.0000109	50.1	0.0000419	0.0038
2118 Jan	676	0.157	0.194	0.00737	207	0.234	210	0.000481	0.000481	0.00000805	0.0119	0.00618	0.312	0.0307	0.0000109	50.1	0.0000419	0.0038
2118 Feb	676	0.157	0.194	0.00737	207	0.234	210	0.000481	0.000481	0.00000805	0.0119	0.00618	0.312	0.0307	0.0000109	50.1	0.0000419	0.0038
2118 Mar	676	0.157	0.194	0.00737	207	0.234	210	0.000481	0.000481	0.00000805	0.0119	0.00618	0.312	0.0307	0.0000109	50.1	0.0000419	0.00381
2118 Apr	677	0.157	0.194	0.00737	207	0.235	210	0.000482	0.000482	0.00000805	0.0119	0.00619	0.312	0.0308	0.0000109	50.1	0.0000419	0.00381
2118 May	676	0.156	0.193	0.00735	207	0.234	210	0.00048	0.00048	0.00000804	0.0119	0.00618	0.312	0.0307	0.0000109	50.1	0.0000419	0.0038
2118 Jun	671	0.154	0.191	0.00726	205	0.233	209	0.000475	0.000475	0.00000798	0.0118	0.00614	0.31	0.0305	0.0000108	49.8	0.0000416	0.00378
2118 Jul	677	0.156	0.193	0.00732	207	0.235	211	0.000479	0.000479	0.00000805	0.0119	0.0062	0.313	0.0308	0.0000109	50.2	0.000042	0.00381
2118 Aug	677	0.155	0.192	0.00731	207	0.235	211	0.000478	0.000478	0.00000805	0.0119	0.0062	0.313	0.0308	0.0000109	50.3	0.000042	0.00382
2118 Sep	674	0.154	0.19	0.00724	206	0.234	210	0.000474	0.000474	0.000008	0.0119	0.00617	0.311	0.0307	0.0000108	50	0.0000418	0.0038
2118 Oct	671	0.153	0.189	0.00721	205	0.233	209	0.000472	0.000472	0.00000797	0.0118	0.00615	0.311	0.0306	0.0000108	49.8	0.0000417	0.00379
2118 Nov	671	0.153	0.189	0.0072	205	0.233	209	0.000471	0.000471	0.00000797	0.0118	0.00615	0.31	0.0305	0.0000108	49.8	0.0000417	0.00378
2118 Dec	671	0.153	0.189	0.0072	205	0.233	209	0.000471	0.000471	0.00000797	0.0118	0.00615	0.31	0.0305	0.0000108	49.8	0.0000417	0.00378
2119 Jan	671	0.153	0.189	0.0072	205	0.233	209	0.000471	0.000471	0.00000797	0.0118	0.00615	0.31	0.0305	0.0000108	49.8	0.0000417	0.00378
2119 Feb	671	0.153	0.189	0.0072	205	0.233	209	0.000471	0.000471	0.00000797	0.0118	0.00615	0.31	0.0305	0.0000108	49.8	0.0000417	0.00378
2119 Mar	671	0.153	0.189	0.0072	205	0.233	209	0.000471	0.000471	0.00000797	0.0118	0.00615	0.31	0.0305	0.0000108	49.8	0.0000417	0.00379
2119 Apr	672	0.153	0.189	0.00721	205	0.233	209	0.000472	0.000472	0.00000798	0.0118	0.00616	0.311	0.0306	0.0000108	49.9	0.0000417	0.00379
2119 May	669	0.152	0.188	0.00716	204	0.233	209	0.000469	0.000469	0.00000795	0.0118	0.00614	0.31	0.0305	0.0000108	49.7	0.0000416	0.00378
2119 Jun	668	0.151	0.187	0.00713	204	0.232	208	0.000467	0.000467	0.00000793	0.0118	0.00613	0.309	0.0305	0.0000107	49.7	0.0000415	0.00377
2119 Jul	673	0.153	0.189	0.00718	205	0.234	210	0.000471	0.000471	0.00000799	0.0119	0.00618	0.312	0.0307	0.0000108	50.1	0.0000419	0.0038
2119 Aug	676	0.153	0.189	0.0072	206	0.235	211	0.000472	0.000472	0.00000803	0.0119	0.00621	0.313	0.0308	0.0000109	50.3	0.0000421	0.00382
2119 Sep	675	0.152	0.188	0.00716	205	0.235	211	0.00047	0.00047	0.00000801	0.0119	0.0062	0.313	0.0308	0.0000108	50.2	0.000042	0.00382
2119 Oct	673	0.152	0.187	0.00713	205	0.234	210	0.000468	0.000468	0.00000798	0.0119	0.00618	0.312	0.0307	0.0000108	50.1	0.0000419	0.00381
2119 Nov	672	0.151	0.187	0.00712	204	0.234	210	0.000467	0.000467	0.00000797	0.0119	0.00618	0.312	0.0306	0.0000108	50	0.0000418	0.0038
2119 Dec	672	0.151	0.187	0.00712	204	0.234	210	0.000467	0.000467	0.00000797	0.0119	0.00618	0.312	0.0306	0.0000108	50	0.0000418	0.0038

Appendix C.2-20: WES04

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000169	0.00289	0.0112	0.000022	18.9	18.7	0.112	0.00483	358	0.0138	0.00771	0.000014	0.00152	0.000781	0.31	0.000000491	0.00631	0.000717	0.00139	0.00478
Operation (2024-2031): Mean	0.000339	0.00582	0.0197	0.0000441	38.2	37.8	0.226	0.00977	593	0.0278	0.0152	0.0000253	0.00305	0.00158	0.625	0.000000909	0.0128	0.00143	0.0027	0.00966
Operation (2024-2031): Max	0.000382	0.00661	0.0215	0.00005	43.4	42.9	0.257	0.0111	822	0.0316	0.0172	0.0000319	0.00347	0.00179	0.709	0.00000101	0.0145	0.00161	0.00305	0.011
Active Closure (2032-2038): Min	0.000149	0.00203	0.0151	0.0000115	10.2	10.3	0.0588	0.0025	90.3	0.00728	0.0071	0.0000275	0.000778	0.000425	0.179	0.000000922	0.0032	0.000404	0.00129	0.00241
Active Closure (2032-2038): Mean	0.000192	0.00291	0.0162	0.0000191	16.8	16.7	0.0981	0.00421	178	0.0121	0.00897	0.0000345	0.00131	0.000695	0.283	0.00000153	0.00544	0.000644	0.00161	0.00412
Active Closure (2032-2038): Max	0.000344	0.00589	0.0205	0.0000446	38.7	38.2	0.229	0.00988	484	0.0281	0.0154	0.0000378	0.00309	0.0016	0.632	0.00000175	0.0129	0.00144	0.00273	0.00977
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000149	0.00203	0.0152	0.0000115	10.2	10.3	0.0588	0.0025	89.6	0.00729	0.0071	0.0000372	0.000778	0.000425	0.179	0.00000145	0.0032	0.000405	0.00129	0.00241
Post Closure (2039-2119): Mean	0.00022	0.00323	0.0219	0.0000217	18.7	18.7	0.111	0.00471	97.4	0.0135	0.01	0.0000508	0.00147	0.000777	0.318	0.00000161	0.00609	0.00074	0.00179	0.0046
Post Closure (2039-2119): Max	0.000279	0.00417	0.0277	0.0000297	25.5	25.4	0.154	0.00646	103	0.0185	0.0123	0.0000644	0.00202	0.00106	0.429	0.00000175	0.00839	0.00101	0.00217	0.00635
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun	0.000169	0.00289	0.0112	0.000022	18.9	18.7	0.112	0.00483	358	0.0138	0.00771	0.000014	0.00152	0.000781	0.31	0.000000491	0.00631	0.000717	0.00139	0.00478
2025 Jul	0.000291	0.005	0.0178	0.000038	32.8	32.5	0.194	0.00839	621	0.0239	0.0132	0.0000221	0.00263	0.00136	0.537	0.00000081	0.011	0.00123	0.00236	0.0083
2025 Aug	0.000322	0.00554	0.0187	0.000042	36.4	36	0.215	0.0093	689	0.0265	0.0145	0.0000231	0.00291	0.0015	0.595	0.000000876	0.0122	0.00136	0.00259	0.0092
2025 Sep	0.000382	0.00661	0.021	0.00005	43.4	42.9	0.257	0.0111	822	0.0316	0.0172	0.0000249	0.00347	0.00179	0.709	0.00000101	0.0145	0.00161	0.00305	0.011
2025 Oct	0.000351	0.00606	0.0191	0.0000458	39.8	39.3	0.235	0.0102	753	0.0289	0.0158	0.0000214	0.00318	0.00164	0.65	0.00000092	0.0133	0.00147	0.00278	0.0101
2025 Nov	0.000341	0.00589	0.0185	0.0000445	38.7	38.2	0.229	0.0099	732	0.0281	0.0153	0.0000204	0.00309	0.0016	0.632	0.000000893	0.0129	0.00143	0.0027	0.00979
2025 Dec	0.000341	0.00589	0.0186	0.0000445	38.7	38.3	0.229	0.00991	733	0.0281	0.0153	0.0000204	0.00309	0.0016	0.633	0.000000894	0.0129	0.00143	0.0027	0.00979
2026 Jan	0.000341	0.00589	0.0186	0.0000445	38.7	38.3	0.229	0.00991	733	0.0282	0.0153	0.0000204	0.00309	0.0016	0.633	0.000000894	0.0129	0.00143	0.0027	0.00979
2026 Feb	0.000341	0.00589	0.0186	0.0000445	38.7	38.3	0.229	0.00991	733	0.0282	0.0153	0.0000204	0.00309	0.0016	0.633	0.000000894	0.0129	0.00143	0.0027	0.00979
2026 Mar	0.000341	0.0059	0.0186	0.0000445	38.8	38.3	0.229	0.00992	733	0.0282	0.0154	0.0000204	0.00309	0.0016	0.633	0.000000894	0.0129	0.00143	0.0027	0.0098
2026 Apr	0.000343	0.00592	0.0187	0.0000447	38.9	38.5	0.23	0.00996	736	0.0283	0.0154	0.0000205	0.0031	0.00161	0.636	0.000000898	0.013	0.00144	0.00271	0.00984
2026 May	0.000348	0.00602	0.019	0.0000454	39.5	39.1	0.233	0.0101	748	0.0287	0.0157	0.0000212	0.00315	0.00163	0.646	0.000000913	0.0132	0.00146	0.00275	0.01
2026 Jun	0.000335	0.00567	0.0215	0.000043	37.2	36.7	0.221	0.0095	662	0.027	0.015	0.0000319	0.00297	0.00153	0.609	0.000000915	0.0124	0.0014	0.00266	0.00939
2026 Jul	0.00034	0.00578	0.0211	0.0000438	37.9	37.5	0.225	0.00969	664	0.0276	0.0152	0.0000302	0.00303	0.00156	0.62	0.000000922	0.0126	0.00142	0.0027	0.00958
2026 Aug	0.000343	0.00586	0.0204	0.0000444	38.5	38	0.228	0.00984	666	0.028	0.0154	0.0000284	0.00308	0.00159	0.63	0.000000918	0.0128	0.00144	0.00272	0.00973
2026 Sep	0.000345	0.0059	0.0201	0.0000446	38.8	38.3	0.23	0.00991	667	0.0282	0.0154	0.0000275	0.0031	0.0016	0.634	0.000000916	0.0129	0.00145	0.00273	0.0098
2026 Oct	0.000343	0.00587	0.0198	0.0000444	38.6	38.1	0.228	0.00986	662	0.028	0.0153	0.0000266	0.00308	0.00159	0.631	0.000000909	0.0129	0.00144	0.00272	0.00975
2026 Nov	0.000343	0.00588	0.0199	0.0000445	38.6	38.2	0.229	0.00987	663	0.0281	0.0154	0.0000267	0.00308	0.00159	0.631	0.00000091	0.0129	0.00144	0.00272	0.00976
2026 Dec	0.000343	0.00588	0.0199	0.0000445	38.6	38.2	0.229	0.00988	663	0.0281	0.0154	0.0000267	0.00308	0.00159	0.632	0.00000091	0.0129	0.00144	0.00272	0.00976
2027 Jan	0.000343	0.00588	0.0199	0.0000445	38.6	38.2	0.229	0.00988	663	0.0281	0.0154	0.0000267	0.00308	0.00159	0.632	0.00000091	0.0129	0.00144	0.00272	0.00977
2027 Feb	0.000343	0.00588	0.0199	0.0000445	38.6	38.2	0.229	0.00988	663	0.0281	0.0154	0.0000267	0.00308	0.00159	0.632	0.00000091	0.0129	0.00144	0.00272	0.00977
2027 Mar	0.000343	0.00588	0.0199	0.0000445	38.6	38.2	0.229	0.00988	663	0.0281	0.0154	0.0000267	0.00309	0.00159	0.632	0.00000091	0.0129	0.00144	0.00272	0.00977
2027 Apr	0.000344	0.00589	0.0199	0.0000446	38.7	38.3	0.229	0.0099	664	0.0281	0.0154	0.0000267	0.00309	0.0016	0.633	0.000000912	0.0129	0.00144	0.00273	0.00979
2027 May	0.000346	0.00593	0.0201	0.0000448	38.9	38.5	0.231	0.00995	668	0.0283	0.0155	0.0000271	0.00311	0.00161	0.637	0.000000917	0.013	0.00145	0.00274	0.00984
2027 Jun	0.000339	0.00579	0.0202	0.0000438	38	37.5	0.225	0.00971	631	0.0276	0.0152	0.0000278	0.00303	0.00157	0.621	0.00000091	0.0127	0.00142	0.00269	0.0096
2027 Jul	0.000339	0.0058	0.0202	0.0000439	38.1	37.6	0.225	0.00973	618	0.0277	0.0152	0.0000273	0.00304	0.00157	0.622	0.000000913	0.0127	0.00142	0.0027	0.00962
2027 Aug	0.000343	0.00588	0.0202	0.0000445	38.6	38.2	0.229	0.00987	623	0.0281	0.0154	0.0000272	0.00309	0.00159	0.631	0.000000921	0.0129	0.00144	0.00274	0.00976
2027 Sep	0.000343	0.00587	0.0199	0.0000444	38.6	38.1	0.228	0.00986	616	0.028	0.0154	0.0000264	0.00308	0.00159	0.631	0.000000915	0.0129	0.00144	0.00273	0.00975
2027 Oct	0.000341	0.00586	0.0198	0.0000443	38.5	38	0.228	0.00983	612	0.028	0.0153	0.0000259	0.00307	0.00159	0.629	0.000000911	0.0128	0.00143	0.00272	0.00972
2027 Nov	0.000341	0.00585	0.0198	0.0000443	38.5	38	0.228	0.00983	611	0.028	0.0153	0.0000259	0.00307	0.00159	0.629	0.000000911	0.0128	0.00143	0.00271	0.00972
2027 Dec	0.000341	0.00585	0.0198	0.0000443	38.4	38	0.228	0.00983	611	0.028	0.0153	0.0000259	0.00307	0.00159	0.628	0.000000911	0.0128	0.00143	0.00271	0.00972
2028 Jan	0.000341	0.00585	0.0198	0.0000443	38.4	38	0.228	0.00983	611	0.028	0.0153	0.0000259	0.00307	0.00159	0.628	0.000000911	0.0128	0.00143	0.00271	0.00972
2028 Feb	0.000341	0.00585	0.0198	0.0000443	38.4	38	0.228	0.00983	611	0.028	0.0153	0.0000259	0.00307	0.00159	0.629	0.000000911	0.0128	0.00143	0.00271	0.00972
2028 Mar	0.000341	0.00585	0.0198	0.0000443	38.5	38	0.228	0.00983	611	0.028	0.0153	0.0000259	0.00307	0.00159	0.629	0.000000911	0.0128	0.00143	0.00271	0.00972
2028 Apr	0.000342	0.00586	0.0198	0.0000443	38.5	38	0.228	0.00984	612	0.028	0.0153	0.0000259	0.00307	0.00159	0.629	0.000000911	0.0128	0.00144	0.00272	0.00973
2028 May	0.000343	0.00588	0.0199	0.0000445	38.6	38.2	0.229	0.00987	614	0.0281	0.0154	0.000026	0.00308	0.00159	0.631	0.000000915	0.0129	0.00144	0.00273	0.00976
2028 Jun	0.000339	0.00582	0.0199	0.000044	38.2	37.7	0.226	0.00976	595	0.0278	0.0152	0.0000259	0.00305	0.00158	0.624	0.000000913	0.0127	0.00143	0.00271	0.00965

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Jul	0.000339	0.00582	0.0199	0.0000441	38.2	37.8	0.226	0.00977	586	0.0278	0.0153	0.0000259	0.00305	0.00158	0.625	0.000000915	0.0128	0.00143	0.00271	0.00966
2028 Aug	0.000345	0.00592	0.0202	0.0000448	38.9	38.4	0.23	0.00993	594	0.0283	0.0155	0.0000262	0.0031	0.0016	0.635	0.000000929	0.013	0.00145	0.00275	0.00982
2028 Sep	0.000346	0.00593	0.0202	0.0000449	39	38.5	0.231	0.00996	592	0.0283	0.0155	0.000026	0.00311	0.00161	0.637	0.000000929	0.013	0.00146	0.00276	0.00985
2028 Oct	0.000342	0.00587	0.0199	0.0000444	38.6	38.1	0.228	0.00986	579	0.028	0.0154	0.0000252	0.00308	0.00159	0.63	0.000000918	0.0129	0.00144	0.00273	0.00975
2028 Nov	0.000342	0.00587	0.0199	0.0000445	38.6	38.1	0.228	0.00986	578	0.028	0.0154	0.0000252	0.00308	0.00159	0.63	0.000000919	0.0129	0.00144	0.00273	0.00975
2028 Dec	0.000342	0.00587	0.0199	0.0000445	38.6	38.1	0.228	0.00986	578	0.028	0.0154	0.0000252	0.00308	0.00159	0.63	0.000000919	0.0129	0.00144	0.00273	0.00975
2029 Jan	0.000342	0.00587	0.0199	0.0000445	38.6	38.1	0.228	0.00986	578	0.028	0.0154	0.0000252	0.00308	0.00159	0.63	0.000000919	0.0129	0.00144	0.00273	0.00975
2029 Feb	0.000342	0.00587	0.0199	0.0000445	38.6	38.1	0.228	0.00986	578	0.028	0.0154	0.0000252	0.00308	0.00159	0.63	0.000000919	0.0129	0.00144	0.00273	0.00975
2029 Mar	0.000342	0.00587	0.0199	0.0000445	38.6	38.1	0.228	0.00986	578	0.028	0.0154	0.0000252	0.00308	0.00159	0.63	0.000000919	0.0129	0.00144	0.00273	0.00975
2029 Apr	0.000342	0.00587	0.0199	0.0000445	38.6	38.1	0.228	0.00986	579	0.028	0.0154	0.0000252	0.00308	0.00159	0.631	0.000000919	0.0129	0.00144	0.00273	0.00975
2029 May	0.000343	0.00589	0.02	0.0000446	38.7	38.2	0.229	0.00988	580	0.0281	0.0154	0.0000253	0.00309	0.0016	0.632	0.000000921	0.0129	0.00144	0.00273	0.00977
2029 Jun	0.000343	0.00588	0.0202	0.0000445	38.6	38.2	0.229	0.00987	575	0.0281	0.0154	0.0000257	0.00309	0.00159	0.631	0.000000925	0.0129	0.00144	0.00274	0.00976
2029 Jul	0.000337	0.00578	0.0199	0.0000438	37.9	37.5	0.225	0.0097	544	0.0276	0.0152	0.0000252	0.00303	0.00157	0.62	0.000000911	0.0127	0.00142	0.00269	0.00959
2029 Aug	0.000339	0.00582	0.0199	0.0000441	38.2	37.8	0.226	0.00977	543	0.0278	0.0153	0.0000252	0.00305	0.00158	0.625	0.000000915	0.0128	0.00143	0.00271	0.00966
2029 Sep	0.00034	0.00584	0.0199	0.0000442	38.4	37.9	0.227	0.00981	541	0.0279	0.0153	0.0000251	0.00306	0.00158	0.627	0.000000917	0.0128	0.00143	0.00272	0.0097
2029 Oct	0.00034	0.00583	0.0198	0.0000442	38.3	37.9	0.227	0.00979	538	0.0279	0.0153	0.0000249	0.00306	0.00158	0.626	0.000000915	0.0128	0.00143	0.00271	0.00969
2029 Nov	0.000339	0.00582	0.0198	0.0000441	38.2	37.8	0.226	0.00977	535	0.0278	0.0152	0.0000248	0.00305	0.00158	0.625	0.000000913	0.0128	0.00143	0.0027	0.00966
2029 Dec	0.000339	0.00582	0.0198	0.0000441	38.2	37.8	0.226	0.00977	535	0.0278	0.0152	0.0000248	0.00305	0.00158	0.625	0.000000913	0.0128	0.00143	0.0027	0.00966
2030 Jan	0.000339	0.00582	0.0198	0.0000441	38.2	37.8	0.226	0.00977	535	0.0278	0.0153	0.0000248	0.00305	0.00158	0.625	0.000000913	0.0128	0.00143	0.0027	0.00966
2030 Feb	0.000339	0.00582	0.0198	0.0000441	38.2	37.8	0.226	0.00977	535	0.0278	0.0153	0.0000248	0.00305	0.00158	0.625	0.000000913	0.0128	0.00143	0.0027	0.00966
2030 Mar	0.000339	0.00582	0.0198	0.0000441	38.2	37.8	0.226	0.00977	535	0.0278	0.0153	0.0000248	0.00305	0.00158	0.625	0.000000913	0.0128	0.00143	0.0027	0.00966
2030 Apr	0.000339	0.00582	0.0198	0.0000441	38.2	37.8	0.226	0.00978	535	0.0278	0.0153	0.0000248	0.00305	0.00158	0.625	0.000000913	0.0128	0.00143	0.00271	0.00967
2030 May	0.00034	0.00584	0.0198	0.0000442	38.3	37.9	0.227	0.0098	537	0.0279	0.0153	0.0000249	0.00306	0.00158	0.627	0.000000916	0.0128	0.00143	0.00271	0.00969
2030 Jun	0.000338	0.00581	0.0199	0.000044	38.2	37.7	0.226	0.00975	527	0.0277	0.0152	0.000025	0.00305	0.00157	0.624	0.000000916	0.0127	0.00142	0.00271	0.00964
2030 Jul	0.000337	0.00579	0.0198	0.0000439	38	37.6	0.225	0.00972	515	0.0277	0.0152	0.0000248	0.00304	0.00157	0.622	0.000000913	0.0127	0.00142	0.0027	0.00962
2030 Aug	0.000339	0.00583	0.0199	0.0000442	38.3	37.8	0.227	0.00979	515	0.0278	0.0153	0.0000249	0.00306	0.00158	0.626	0.000000918	0.0128	0.00143	0.00271	0.00968
2030 Sep	0.000342	0.00587	0.02	0.0000444	38.5	38.1	0.228	0.00985	516	0.028	0.0154	0.000025	0.00308	0.00159	0.63	0.000000923	0.0129	0.00144	0.00273	0.00974
2030 Oct	0.000341	0.00586	0.0199	0.0000444	38.5	38	0.228	0.00984	513	0.028	0.0154	0.0000248	0.00307	0.00159	0.629	0.00000092	0.0128	0.00144	0.00272	0.00973
2030 Nov	0.000341	0.00585	0.0199	0.0000443	38.4	38	0.227	0.00982	511	0.0279	0.0153	0.0000247	0.00307	0.00159	0.628	0.000000919	0.0128	0.00143	0.00272	0.00971
2030 Dec	0.000341	0.00585	0.0199	0.0000443	38.4	38	0.227	0.00983	511	0.0279	0.0153	0.0000247	0.00307	0.00159	0.628	0.000000919	0.0128	0.00143	0.00272	0.00972
2031 Jan	0.000341	0.00585	0.0199	0.0000443	38.4	38	0.227	0.00983	511	0.0279	0.0153	0.0000247	0.00307	0.00159	0.628	0.000000919	0.0128	0.00143	0.00272	0.00972
2031 Feb	0.000341	0.00585	0.0199	0.0000443	38.4	38	0.227	0.00983	511	0.0279	0.0153	0.0000247	0.00307	0.00159	0.628	0.000000919	0.0128	0.00143	0.00272	0.00972
2031 Mar	0.000341	0.00585	0.0199	0.0000443	38.4	38	0.227	0.00983	511	0.0279	0.0153	0.0000247	0.00307	0.00159	0.628	0.000000919	0.0128	0.00143	0.00272	0.00972
2031 Apr	0.000341	0.00586	0.0199	0.0000444	38.5	38	0.228	0.00983	511	0.028	0.0154	0.0000248	0.00307	0.00159	0.629	0.00000092	0.0128	0.00144	0.00272	0.00972
2031 May	0.000342	0.00587	0.0201	0.0000445	38.6	38.1	0.228	0.00986	512	0.028	0.0154	0.0000253	0.00308	0.00159	0.631	0.000000923	0.0129	0.00144	0.00273	0.00975
2031 Jun	0.000342	0.00584	0.0206	0.0000442	38.3	37.9	0.227	0.0098	500	0.0279	0.0153	0.0000283	0.00306	0.00158	0.627	0.000000921	0.0128	0.00143	0.00272	0.00969
2031 Jul	0.000346	0.00591	0.0208	0.0000447	38.8	38.3	0.23	0.00991	504	0.0282	0.0155	0.0000286	0.0031	0.0016	0.634	0.000000931	0.0129	0.00145	0.00275	0.0098
2031 Aug	0.000348	0.00594	0.0208	0.000045	39	38.5	0.231	0.00997	501	0.0283	0.0156	0.0000285	0.00311	0.00161	0.638	0.000000934	0.013	0.00146	0.00276	0.00985
2031 Sep	0.000346	0.00592	0.0206	0.0000448	38.8	38.4	0.23	0.00993	492	0.0282	0.0155	0.000028	0.0031	0.0016	0.635	0.000000928	0.013	0.00145	0.00275	0.00982
2031 Oct	0.000343	0.00587	0.0204	0.0000444	38.5	38.1	0.228	0.00985	483	0.028	0.0154	0.0000275	0.00308	0.00159	0.63	0.000000921	0.0129	0.00144	0.00273	0.00974
2031 Nov	0.000343	0.00587	0.0204	0.0000444	38.6	38.1	0.228	0.00986	483	0.028	0.0154	0.0000275	0.00308	0.00159	0.631	0.000000922	0.0129	0.00144	0.00273	0.00974
2031 Dec	0.000343	0.00587	0.0204	0.0000445	38.6	38.1	0.228	0.00986	483	0.028	0.0154	0.0000275	0.00308	0.00159	0.631	0.000000922	0.0129	0.00144	0.00273	0.00974
2032 Jan	0.000343	0.00587	0.0204	0.0000445	38.6	38.1	0.228	0.00986	483	0.028	0.0154	0.0000275	0.00308	0.00159	0.631	0.000000922	0.0129	0.00144	0.00273	0.00974
2032 Feb	0.000343	0.00587	0.0204	0.0000445	38.6	38.1	0.228	0.00986	483	0.028	0.0154	0.0000275	0.00308	0.00159	0.631	0.000000922	0.0129	0.00144	0.00273	0.00974
2032 Mar	0.000343	0.00587	0.0204	0.0000445	38.6	38.1	0.228	0.00986	483	0.028	0.0154	0.0000275	0.00308	0.00159	0.631	0.000000922	0.0129	0.00144	0.00273	0.00974
2032 Apr	0.000344	0.00588	0.0205	0.0000445	38.6	38.1	0.228	0.00986	483	0.028	0.0154	0.0000275	0.00308	0.00159	0.631	0.000000922	0.0129	0.00144	0.00273	0.00975
2032 May	0.000344	0.00589	0.0205	0.0000446	38.7	38.2	0.229	0.00988	484	0.0281	0.0154	0.0000276	0.00309	0.0016	0.632	0.000000924	0.0129	0.00144	0.00273	0.00977
2032 Jun	0.000327	0.00558	0.0203	0.000042	36.4	36	0.215	0.00929	446	0.0264	0.0148	0.000029	0.0029	0.0015	0.596	0.000000975	0.0121	0.00136	0.00262	0.00918
2032 Jul	0.000289	0.00491	0.0192	0.0000362	31.5	31.1	0.186	0.00802	373	0.0229	0.0133	0.000031	0.00251	0.0013	0.517	0.00000109	0.0105	0.00118	0.00236	0.00792
2032 Aug	0.000259	0.00431	0.0182	0.0000311	27.1	26.8	0.16	0.00688	317	0.0197	0.012	0.0000311	0.00215	0.00112	0.447	0.00000123	0.00896	0.00102	0.00213	0.00678
2032 Sep	0.00024	0.00388	0.0174	0.0000274	23.9	23.7	0.141	0.00605	277	0.0173	0.011	0.0000305	0.00189	0.000988	0.396	0.00000132	0.00787	0.000904	0.00197	0.00596
2032 Oct	0.000232	0.00369	0.017	0.0000258	22.5	22.4	0.132	0.0057	261	0.0163	0.0107	0.0000313	0.00178	0.000933	0.375	0.00000137	0.00741	0.000853	0.0019	0.00561
2032 Nov	0.000232	0.0037	0.017	0.0000259	22.6	22.4	0.133	0.00571	261	0.0163	0.0107	0.0000312	0.00178	0.000933	0.375	0.00000137	0.00742	0.000854	0.00191	0.00561
2032 Dec	0.000232	0.0037	0.017	0.0000259	22.6	22.4	0.133	0.00571	261	0.0163	0.0107	0.0000312	0.00178	0.000934	0.376	0.00000136	0.00742	0.000855	0.00191	0.00562
2033 Jan	0.000232	0.0037	0.017	0.0000259	22.6	22.4	0.133	0.00571	261	0.0163	0.0107	0.0000312	0.00178	0.000934	0.376	0.00000136	0.00742	0.000855	0.00191	0.00562
2033 Feb	0.000232	0.0037	0.017	0.0000259	22.6	22.4	0.133	0.00571	261	0.0163	0.0107	0.0000312	0.00178	0.000934	0.376	0.00000136	0.00742	0.000855	0.00191	0.00562
2033 Mar	0.000232	0.0037	0.017	0.0000259	22.6	22.4	0.133	0.00571	261	0.0163	0.0107	0.0000312	0.00178	0.000934	0.376	0.00000136	0.00742	0.000855	0.00191	0.00562
2033 Apr	0.000232	0.0037	0.017	0.0000259	22.6	22.4	0.133	0.00572	261	0.0164	0.0107	0.0000312	0.00178	0.000935	0.376	0.00000137	0.00743	0.000855	0.00191	0.00562
2033 May	0.000233	0.00371	0.0172	0.000026	22.7	22.5	0.133	0.00573	261	0.0164	0.0107	0.0000322	0.00179	0.000938	0.377	0.00000136	0.00745	0.000859	0.00191	0.00564
2033 Jun	0.000231	0.00367	0.0174	0.0000257	22.4	22.3	0.132	0.00567	251	0.0162	0.0106	0.0000338	0.00177	0.000927	0.373	0.00000136	0.00737	0.000852	0.00189	0.00558
2033 Jul	0.00022	0.00349	0.0173	0.0000241	21.1	20.9	0.124	0.00531	234	0.0152	0.0102	0.000035	0.00166	0.000871	0.351	0.0000014	0.0069	0.000802	0.00183	0.00522
2033 Aug	0.000209	0.00327	0.0169	0.0000221	19.4	19.2	0.114	0.00487	214	0.014	0.00973	0.0000348	0.00152	0.000802	0.324	0.00000146	0.00632	0.00074	0.00174	0.00478
2033 Sep	0.000201	0.00308	0.0164	0.0000206	18	17.9	0.105	0.00452	196	0.013	0.00933	0.0000339	0.00141	0.000746	0.303	0.0000015	0.00586	0.000689	0.00167	0.00443
2033 Oct	0.000197	0.003	0.0162	0.00002	17.5	17.4	0.102	0.00439	188	0.0126	0.00916	0.0000339	0.00137	0.000725	0.295	0.0000015	0.00569	0.000669	0.00164	0.0043
2033 Nov	0.000197	0.00301	0.0162	0.00002	17.5	17.4	0.102	0.00439	188	0.0126	0.00917	0.0000339	0.00137	0.000725	0.295	0.0000015	0.00569	0.00067	0.00164	0.00431
2033 Dec	0.000197	0.00301	0.0162	0.00002	17.5	17.4	0.102	0.00439	188	0.0126	0.00917	0.0000339	0.00137	0.000725	0.295	0.0000015	0.00569	0.00067	0.00164	0.00431
2034 Jan	0.000197	0.00301	0.0162	0.00002	17.5	17.4	0.102	0.00439	188	0.0126	0.00917	0.0000339	0.00137	0.000725	0.295	0.0000015	0.00569	0.00067	0.00164	0.00431
2034 Feb	0.000197	0.00301	0.0162	0.00002	17.5	17.4	0.102	0.00439	188	0.0126	0.00917	0.0000339	0.00137	0.000725	0.295	0.0000015	0.00569	0.00067	0.00164	0.00431
2034 Mar	0.000197	0.00301	0.0162	0.00002	17.5	17.4	0.102	0.00439	188	0.0126	0.00917	0.0000339	0.00137	0.000725	0.295	0.0000015	0.00569	0.00067	0.00164	0.00431
2034 Apr	0.000197	0.00301	0.0162	0.00002	17.5	17.4	0.102	0.0044	188	0.0126	0.00917	0.0000339	0.00137	0.000726	0.295	0.0000015	0.0057	0.00067	0.00164	0.00431
2034 May	0.000198	0.00302	0.0163	0.00002	17.6	17.5	0.103	0.00441	188	0.0127	0.00919	0.0000341	0.00138	0.000728	0.296	0.00000151	0.00571	0.000672	0.00165	0.00432

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Jun	0.000198	0.00301	0.0165	0.00002	17.5	17.4	0.102	0.00439	185	0.0126	0.00917	0.0000353	0.00137	0.000725	0.295	0.0000015	0.00569	0.000671	0.00164	0.0043
2034 Jul	0.000192	0.00292	0.0164	0.0000192	16.9	16.8	0.0986	0.00422	176	0.0122	0.00899	0.000036	0.00132	0.000698	0.284	0.00000152	0.00547	0.000648	0.00161	0.00414
2034 Aug	0.000186	0.0028	0.0163	0.0000181	15.9	15.9	0.0931	0.00398	166	0.0115	0.00874	0.000036	0.00124	0.00066	0.27	0.00000157	0.00515	0.000614	0.00157	0.0039
2034 Sep	0.000181	0.00269	0.016	0.0000172	15.1	15.1	0.0883	0.00378	156	0.0109	0.0085	0.0000352	0.00118	0.000628	0.257	0.00000159	0.00488	0.000584	0.00153	0.00369
2034 Oct	0.000179	0.00264	0.0158	0.0000168	14.8	14.8	0.0862	0.00369	151	0.0106	0.00839	0.0000352	0.00115	0.000614	0.252	0.00000159	0.00477	0.000571	0.00151	0.0036
2034 Nov	0.000179	0.00264	0.0158	0.0000168	14.8	14.8	0.0863	0.00369	151	0.0107	0.00839	0.0000352	0.00115	0.000614	0.252	0.00000159	0.00477	0.000572	0.00151	0.00361
2034 Dec	0.000179	0.00264	0.0158	0.0000168	14.8	14.8	0.0863	0.00369	151	0.0107	0.00839	0.0000352	0.00115	0.000614	0.252	0.00000159	0.00477	0.000572	0.00151	0.00361
2035 Jan	0.000179	0.00264	0.0158	0.0000168	14.8	14.8	0.0863	0.00369	151	0.0107	0.00839	0.0000352	0.00115	0.000614	0.252	0.00000159	0.00477	0.000572	0.00151	0.00361
2035 Feb	0.000179	0.00264	0.0158	0.0000168	14.8	14.8	0.0863	0.00369	151	0.0107	0.00839	0.0000352	0.00115	0.000614	0.252	0.00000159	0.00477	0.000572	0.00151	0.00361
2035 Mar	0.000179	0.00264	0.0158	0.0000168	14.8	14.8	0.0863	0.00369	151	0.0107	0.00839	0.0000352	0.00115	0.000614	0.252	0.00000159	0.00477	0.000572	0.00151	0.00361
2035 Apr	0.000179	0.00264	0.0158	0.0000168	14.8	14.8	0.0863	0.00369	151	0.0107	0.00839	0.0000352	0.00115	0.000614	0.252	0.00000159	0.00477	0.000572	0.00151	0.00361
2035 May	0.00018	0.00265	0.0158	0.0000169	14.9	14.8	0.0866	0.0037	151	0.0107	0.00842	0.0000353	0.00116	0.000616	0.253	0.00000159	0.00479	0.000573	0.00151	0.00362
2035 Jun	0.000179	0.00265	0.0159	0.0000169	14.8	14.8	0.0866	0.0037	149	0.0107	0.00839	0.0000358	0.00116	0.000616	0.252	0.00000158	0.00478	0.000574	0.00151	0.00362
2035 Jul	0.000176	0.0026	0.0159	0.0000164	14.5	14.4	0.0842	0.0036	143	0.0104	0.00828	0.0000363	0.00112	0.000599	0.246	0.00000159	0.00465	0.00056	0.00149	0.00351
2035 Aug	0.000172	0.00252	0.0158	0.0000158	13.9	13.9	0.0809	0.00345	136	0.00999	0.00813	0.0000362	0.00108	0.000576	0.237	0.00000162	0.00446	0.000539	0.00146	0.00337
2035 Sep	0.000169	0.00245	0.0155	0.0000152	13.4	13.4	0.0778	0.00332	130	0.00961	0.00795	0.0000354	0.00104	0.000555	0.229	0.00000162	0.00428	0.00052	0.00143	0.00324
2035 Oct	0.000167	0.00241	0.0154	0.0000149	13.1	13.1	0.0762	0.00326	127	0.00942	0.00788	0.0000355	0.00102	0.000545	0.225	0.00000163	0.0042	0.00051	0.00142	0.00317
2035 Nov	0.000167	0.00241	0.0154	0.0000149	13.1	13.1	0.0763	0.00326	126	0.00943	0.00788	0.0000354	0.00102	0.000545	0.225	0.00000162	0.0042	0.00051	0.00142	0.00318
2035 Dec	0.000167	0.00241	0.0154	0.0000149	13.1	13.1	0.0763	0.00326	126	0.00943	0.00788	0.0000354	0.00102	0.000545	0.225	0.00000162	0.0042	0.00051	0.00142	0.00318
2036 Jan	0.000167	0.00241	0.0154	0.0000149	13.1	13.1	0.0763	0.00326	126	0.00943	0.00788	0.0000354	0.00102	0.000545	0.225	0.00000162	0.0042	0.00051	0.00142	0.00318
2036 Feb	0.000167	0.00241	0.0154	0.0000149	13.1	13.1	0.0763	0.00326	126	0.00943	0.00788	0.0000354	0.00102	0.000545	0.225	0.00000162	0.0042	0.00051	0.00142	0.00318
2036 Mar	0.000167	0.00241	0.0154	0.0000149	13.1	13.1	0.0763	0.00326	126	0.00943	0.00788	0.0000354	0.00102	0.000545	0.225	0.00000162	0.0042	0.00051	0.00142	0.00318
2036 Apr	0.000167	0.00241	0.0154	0.0000149	13.2	13.1	0.0764	0.00326	127	0.00944	0.00788	0.0000354	0.00102	0.000546	0.225	0.00000162	0.00421	0.000511	0.00142	0.00318
2036 May	0.000168	0.00242	0.0154	0.000015	13.2	13.2	0.0766	0.00327	127	0.00947	0.0079	0.0000355	0.00102	0.000547	0.226	0.00000163	0.00422	0.000512	0.00142	0.00319
2036 Jun	0.000167	0.00241	0.0155	0.0000149	13.1	13.1	0.0763	0.00326	125	0.00943	0.00788	0.0000356	0.00102	0.000545	0.225	0.00000162	0.0042	0.000511	0.00142	0.00318
2036 Jul	0.000164	0.00238	0.0155	0.0000146	12.9	12.9	0.0747	0.00319	121	0.00923	0.0078	0.0000361	0.000995	0.000534	0.221	0.00000163	0.00411	0.000501	0.00141	0.0031
2036 Aug	0.000162	0.00232	0.0155	0.0000141	12.5	12.5	0.0722	0.00308	117	0.00893	0.0077	0.0000361	0.000961	0.000517	0.214	0.00000166	0.00397	0.000486	0.00139	0.003
2036 Sep	0.00016	0.00227	0.0153	0.0000136	12	12.1	0.0697	0.00298	113	0.00863	0.00758	0.0000357	0.000928	0.0005	0.208	0.00000167	0.00383	0.000471	0.00137	0.00289
2036 Oct	0.000158	0.00224	0.0152	0.0000134	11.8	11.9	0.0685	0.00292	110	0.00848	0.00752	0.0000357	0.000911	0.000492	0.204	0.00000167	0.00376	0.000463	0.00136	0.00284
2036 Nov	0.000158	0.00224	0.0152	0.0000134	11.8	11.9	0.0685	0.00292	110	0.00848	0.00751	0.0000357	0.000912	0.000492	0.205	0.00000167	0.00376	0.000463	0.00136	0.00284
2036 Dec	0.000158	0.00224	0.0152	0.0000134	11.8	11.9	0.0685	0.00292	110	0.00848	0.00751	0.0000357	0.000912	0.000492	0.205	0.00000167	0.00376	0.000463	0.00136	0.00284
2037 Jan	0.000158	0.00224	0.0152	0.0000134	11.8	11.9	0.0685	0.00292	110	0.00848	0.00751	0.0000357	0.000912	0.000492	0.205	0.00000167	0.00376	0.000463	0.00136	0.00284
2037 Feb	0.000158	0.00224	0.0152	0.0000134	11.8	11.9	0.0685	0.00292	110	0.00848	0.00751	0.0000357	0.000912	0.000492	0.205	0.00000167	0.00376	0.000463	0.00136	0.00284
2037 Mar	0.000158	0.00224	0.0152	0.0000134	11.8	11.9	0.0685	0.00292	110	0.00849	0.00751	0.0000357	0.000912	0.000492	0.205	0.00000167	0.00376	0.000463	0.00136	0.00284
2037 Apr	0.000158	0.00224	0.0152	0.0000134	11.9	11.9	0.0686	0.00293	110	0.00849	0.00752	0.0000357	0.000912	0.000492	0.205	0.00000167	0.00376	0.000463	0.00136	0.00284
2037 May	0.000159	0.00224	0.0153	0.0000134	11.9	11.9	0.0688	0.00293	110	0.00851	0.00753	0.000036	0.000914	0.000493	0.205	0.00000167	0.00377	0.000465	0.00136	0.00285
2037 Jun	0.000158	0.00223	0.0153	0.0000134	11.8	11.9	0.0686	0.00292	109	0.00848	0.00749	0.0000363	0.000911	0.000492	0.204	0.00000165	0.00376	0.000463	0.00135	0.00284
2037 Jul	0.000156	0.00221	0.0153	0.0000131	11.6	11.6	0.0673	0.00287	106	0.00833	0.00745	0.0000369	0.000894	0.000483	0.201	0.00000167	0.00369	0.000456	0.00134	0.00278
2037 Aug	0.000154	0.00217	0.0153	0.0000128	11.3	11.3	0.0654	0.00279	103	0.0081	0.00738	0.0000369	0.000869	0.00047	0.196	0.00000169	0.00358	0.000445	0.00133	0.0027
2037 Sep	0.000153	0.00213	0.0152	0.0000124	11	11	0.0636	0.00271	99.8	0.00787	0.00729	0.0000366	0.000843	0.000458	0.191	0.0000017	0.00347	0.000433	0.00132	0.00262
2037 Oct	0.000152	0.0021	0.0151	0.0000122	10.8	10.9	0.0626	0.00266	98	0.00775	0.00724	0.0000366	0.00083	0.000451	0.189	0.00000171	0.00342	0.000427	0.00131	0.00258
2037 Nov	0.000152	0.00211	0.0151	0.0000122	10.8	10.9	0.0626	0.00266	98	0.00775	0.00724	0.0000366	0.000831	0.000451	0.189	0.00000171	0.00342	0.000427	0.00131	0.00258
2037 Dec	0.000152	0.00211	0.0151	0.0000122	10.8	10.9	0.0626	0.00266	98	0.00775	0.00724	0.0000366	0.000831	0.000451	0.189	0.00000171	0.00342	0.000427	0.00131	0.00258
2038 Jan	0.000152	0.00211	0.0151	0.0000122	10.8	10.9	0.0626	0.00266	98	0.00775	0.00724	0.0000366	0.000831	0.000451	0.189	0.00000171	0.00342	0.000427	0.00131	0.00258
2038 Feb	0.000152	0.00211	0.0151	0.0000122	10.8	10.9	0.0626	0.00266	98	0.00775	0.00724	0.0000366	0.000831	0.000451	0.189	0.00000171	0.00342	0.000427	0.00131	0.00258
2038 Mar	0.000152	0.00211	0.0151	0.0000122	10.8	10.9	0.0626	0.00266	98	0.00775	0.00724	0.0000366	0.000831	0.000451	0.189	0.00000171	0.00342	0.000427	0.00131	0.00258
2038 Apr	0.000152	0.00211	0.0151	0.0000122	10.9	10.9	0.0626	0.00267	98.1	0.00776	0.00725	0.0000366	0.000831	0.000451	0.189	0.00000171	0.00342	0.000427	0.00131	0.00258
2038 May	0.000153	0.00211	0.0152	0.0000123	10.9	10.9	0.0628	0.00267	98.2	0.00778	0.00726	0.0000368	0.000833	0.000452	0.189	0.00000171	0.00343	0.000429	0.00131	0.00259
2038 Jun	0.000152	0.0021	0.0152	0.0000122	10.8	10.9	0.0626	0.00266	97	0.00775	0.00723	0.0000372	0.00083	0.00045	0.189	0.0000017	0.00342	0.000427	0.00131	0.00258
2038 Jul	0.000151	0.00209	0.0154	0.0000121	10.7	10.7	0.0617	0.00262	95.5	0.00764	0.00722	0.0000378	0.000817	0.000444	0.186	0.00000172	0.00336	0.000423	0.00131	0.00254
2038 Aug	0.00015	0.00206	0.0154	0.0000118	10.5	10.5	0.0603	0.00256	93.1	0.00747	0.00718	0.0000378	0.000799	0.000435	0.183	0.00000174	0.00328	0.000414	0.0013	0.00248
2038 Sep	0.000149	0.00203	0.0153	0.0000115	10.2	10.3	0.0589	0.0025	90.7	0.0073	0.00711	0.0000375	0.00078	0.000426	0.179	0.00000175	0.00321	0.000406	0.00129	0.00242
2038 Oct	0.000149	0.00203	0.0152	0.0000115	10.2	10.3	0.0588	0.0025	90.3	0.00728	0.0071	0.0000375	0.000778	0.000425	0.179	0.00000175	0.0032	0.000404	0.00129	0.00241
2038 Nov	0.000149	0.00203	0.0153	0.0000115	10.2	10.3	0.0588	0.0025	90.3	0.00729	0.0071	0.0000375	0.000778	0.000425	0.179	0.00000175	0.0032	0.000405	0.00129	0.00241
2038 Dec	0.000149	0.00203	0.0153	0.0000115	10.2	10.3	0.0588	0.0025	90.3	0.00729	0.0071	0.0000375	0.000778	0.000425	0.179	0.00000175	0.0032	0.000405	0.00129	0.00241
2039 Jan	0.000149	0.00203	0.0153	0.0000115	10.2	10.3	0.0588	0.0025	90.3	0.00729	0.0071	0.0000375	0.000778	0.000425	0.179	0.00000175	0.0032	0.000405	0.00129	0.00241
2039 Feb	0.000149	0.00203	0.0153	0.0000115	10.2	10.3	0.0588	0.0025	90.3	0.00729	0.0071	0.0000375	0.000778	0.000425	0.179	0.00000175	0.0032	0.000405	0.00129	0.00241
2039 Mar	0.000149	0.00203	0.0153	0.0000115	10.2	10.3	0.0588	0.0025	90.3	0.00729	0.00711	0.0000375	0.000778	0.000425	0.179	0.00000175	0.0032	0.000405	0.00129	0.00241
2039 Apr	0.000149	0.00203	0.0153	0.0000115	10.2	10.3	0.0588	0.0025	90.4	0.00729	0.00711	0.0000375	0.000779	0.000425	0.179	0.00000175	0.0032	0.000405	0.00129	0.00241
2039 May	0.000149	0.00203	0.0153	0.0000115	10.2	10.3	0.0589	0.0025	90.5	0.0073	0.00712	0.0000376	0.00078	0.000426	0.179	0.00000175	0.00321	0.000406	0.00129	0.00242
2039 Jun	0.000149	0.00203	0.0153	0.0000115	10.3	10.3	0.059	0.00251	90.1	0.00732	0.00711	0.0000374	0.000782	0.000427	0.179	0.00000174	0.00321	0.000406	0.00129	0.00242
2039 Jul	0.000149	0.00203	0.0152	0.0000116	10.3	10.4	0.0594	0.00252	89.6	0.00736	0.0071	0.0000372	0.000787	0.000429	0.18	0.00000173	0.00323	0.000408	0.00129	0.00244
2039 Aug	0.000149	0.00205	0.0153	0.0000117	10.4	10.4	0.0598	0.00254	89.9	0.00741	0.00714	0.0000372	0.000792	0.000432	0.181	0.00000173	0.00326	0.000411	0.00129	0.00246
2039 Sep	0.00015	0.00205	0.0153	0.0000118	10.4	10.5	0.0601	0.00255	90.2	0.00745	0.00716	0.0000373	0.000796	0.000434	0.182	0.00000174	0.00327	0.000413	0.0013	0.00247
2039 Oct	0.00015	0.00206	0.0153	0.0000118	10.4	10.5	0.0602	0.00256	90.1	0.00745	0.00717	0.0000373	0.000797	0.000434	0.182	0.00000174	0.00328	0.000413	0.0013	0.00247
2039 Nov	0.00015	0.00206	0.0153	0.0000118	10.4	10.5	0.0602	0.00256	90.2	0.00746	0.00717	0.0000373	0.000798	0.000434	0.182	0.00000174	0.00328	0.000413	0.0013	0.00247
2039 Dec	0.00015	0.00206	0.0153	0.0000118	10.4	10.5	0.0602	0.00256	90.2	0.00746	0.00717	0.0000373	0.000798	0.000434	0.183	0.00000174	0.00328	0.000413	0.0013	0.00247
2040 Jan	0.00015	0.00206	0.0153	0.0000118	10.4	10.5	0.0602	0.00256	90.2	0.00746	0.00717	0.0000373	0.000798	0.000434	0.183	0.00000174	0.00328	0.000413	0.0013	0.00247
2040 Feb	0.00015	0.00206	0.0153	0.0000118	10.4	10.5	0.0602	0.00256	90.2	0.00746	0.00717	0.0000373	0.000798	0.000434	0.183	0.00000174	0.00328	0.000413	0.0013	0.00247
2040 Mar	0.00015	0.00206	0.0153	0.0000118	10.4	10.5	0.0602	0.00256	90.2	0.00746	0.00717	0.0000373	0.000798	0.000434	0.183	0.00000174	0.00328	0.000413	0.0013	0.00247
2040 Apr	0.00015	0.00206	0.0153	0.0000118	10.4	10.5	0.0602	0.00256	90.2	0.00746	0.00717	0.0000373	0.000798	0.000435	0.183	0.00000174	0.00328	0.000414	0.0013	0.00248

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2040 May	0.00015	0.00206	0.0154	0.0000118	10.5	10.5	0.0604	0.00256	90.4	0.00748	0.00719	0.0000375	0.0008	0.000436	0.183	0.00000174	0.00329	0.000415	0.0013	0.00248
2040 Jun	0.00015	0.00206	0.0154	0.0000118	10.5	10.5	0.0605	0.00257	89.8	0.00749	0.00717	0.0000377	0.000802	0.000436	0.183	0.00000173	0.00329	0.000416	0.0013	0.00249
2040 Jul	0.000151	0.00207	0.0155	0.0000119	10.6	10.6	0.061	0.00259	90.2	0.00755	0.00721	0.0000379	0.000808	0.00044	0.185	0.00000173	0.00332	0.000419	0.0013	0.00251
2040 Aug	0.000152	0.00209	0.0156	0.000012	10.6	10.7	0.0614	0.00261	90.6	0.0076	0.00725	0.000038	0.000814	0.000443	0.186	0.00000174	0.00334	0.000422	0.00131	0.00252
2040 Sep	0.000152	0.00209	0.0156	0.0000121	10.7	10.7	0.0617	0.00262	90.7	0.00763	0.00727	0.000038	0.000817	0.000444	0.187	0.00000174	0.00336	0.000423	0.00131	0.00254
2040 Oct	0.000153	0.0021	0.0156	0.0000121	10.7	10.7	0.0618	0.00262	90.8	0.00765	0.00728	0.0000381	0.000818	0.000445	0.187	0.00000174	0.00336	0.000424	0.00132	0.00254
2040 Nov	0.000153	0.0021	0.0156	0.0000121	10.7	10.8	0.0618	0.00263	90.8	0.00765	0.00728	0.0000381	0.000819	0.000445	0.187	0.00000174	0.00337	0.000424	0.00132	0.00254
2040 Dec	0.000153	0.0021	0.0156	0.0000121	10.7	10.8	0.0618	0.00263	90.8	0.00765	0.00728	0.0000381	0.000819	0.000445	0.187	0.00000174	0.00337	0.000424	0.00132	0.00254
2041 Jan	0.000153	0.0021	0.0156	0.0000121	10.7	10.8	0.0618	0.00263	90.8	0.00765	0.00728	0.0000381	0.000819	0.000445	0.187	0.00000174	0.00337	0.000424	0.00132	0.00254
2041 Feb	0.000153	0.0021	0.0156	0.0000121	10.7	10.8	0.0618	0.00263	90.8	0.00765	0.00728	0.0000381	0.000819	0.000445	0.187	0.00000174	0.00337	0.000424	0.00132	0.00254
2041 Mar	0.000153	0.0021	0.0156	0.0000121	10.7	10.8	0.0618	0.00263	90.9	0.00765	0.00728	0.0000381	0.000819	0.000445	0.187	0.00000174	0.00337	0.000424	0.00132	0.00254
2041 Apr	0.000153	0.0021	0.0156	0.0000121	10.7	10.8	0.0618	0.00263	90.9	0.00765	0.00728	0.0000381	0.000819	0.000445	0.187	0.00000174	0.00337	0.000424	0.00132	0.00254
2041 May	0.000153	0.0021	0.0156	0.0000121	10.7	10.8	0.0619	0.00263	91	0.00766	0.00729	0.0000381	0.00082	0.000446	0.187	0.00000175	0.00337	0.000425	0.00132	0.00255
2041 Jun	0.000153	0.0021	0.0156	0.0000121	10.7	10.8	0.062	0.00263	90.6	0.00768	0.00728	0.000038	0.000822	0.000447	0.187	0.00000174	0.00338	0.000426	0.00132	0.00255
2041 Jul	0.000152	0.0021	0.0156	0.0000122	10.8	10.8	0.0623	0.00265	90	0.0077	0.00727	0.0000377	0.000825	0.000448	0.188	0.00000172	0.00339	0.000427	0.00131	0.00256
2041 Aug	0.000154	0.00212	0.0157	0.0000123	10.9	10.9	0.0628	0.00267	90.6	0.00777	0.00732	0.0000379	0.000832	0.000452	0.189	0.00000173	0.00342	0.00043	0.00132	0.00258
2041 Sep	0.000154	0.00212	0.0157	0.0000123	10.9	11	0.0631	0.00268	90.8	0.0078	0.00734	0.000038	0.000836	0.000454	0.19	0.00000174	0.00344	0.000432	0.00133	0.00259
2041 Oct	0.000154	0.00213	0.0157	0.0000124	10.9	11	0.0632	0.00268	90.8	0.00781	0.00734	0.000038	0.000837	0.000454	0.19	0.00000173	0.00344	0.000432	0.00133	0.0026
2041 Nov	0.000154	0.00213	0.0157	0.0000124	10.9	11	0.0632	0.00268	90.8	0.00782	0.00735	0.000038	0.000837	0.000455	0.191	0.00000174	0.00344	0.000433	0.00133	0.0026
2041 Dec	0.000154	0.00213	0.0157	0.0000124	10.9	11	0.0632	0.00268	90.8	0.00782	0.00735	0.000038	0.000837	0.000455	0.191	0.00000174	0.00344	0.000433	0.00133	0.0026
2042 Jan	0.000154	0.00213	0.0157	0.0000124	10.9	11	0.0632	0.00268	90.8	0.00782	0.00735	0.000038	0.000838	0.000455	0.191	0.00000174	0.00344	0.000433	0.00133	0.0026
2042 Feb	0.000154	0.00213	0.0157	0.0000124	10.9	11	0.0632	0.00268	90.8	0.00782	0.00735	0.000038	0.000838	0.000455	0.191	0.00000174	0.00344	0.000433	0.00133	0.0026
2042 Mar	0.000154	0.00213	0.0157	0.0000124	10.9	11	0.0632	0.00269	90.8	0.00782	0.00735	0.000038	0.000838	0.000455	0.191	0.00000174	0.00344	0.000433	0.00133	0.0026
2042 Apr	0.000154	0.00213	0.0157	0.0000124	10.9	11	0.0632	0.00269	90.9	0.00782	0.00735	0.000038	0.000838	0.000455	0.191	0.00000174	0.00345	0.000433	0.00133	0.0026
2042 May	0.000155	0.00214	0.0158	0.0000124	11	11	0.0634	0.00269	91.1	0.00785	0.00737	0.0000381	0.00084	0.000456	0.191	0.00000174	0.00346	0.000434	0.00133	0.00261
2042 Jun	0.000155	0.00214	0.0158	0.0000124	11	11	0.0636	0.0027	90.9	0.00786	0.00737	0.000038	0.000843	0.000457	0.192	0.00000173	0.00347	0.000435	0.00133	0.00262
2042 Jul	0.000155	0.00214	0.0158	0.0000125	11.1	11.1	0.0639	0.00272	90.8	0.00791	0.00738	0.000038	0.000847	0.00046	0.192	0.00000173	0.00348	0.000437	0.00133	0.00263
2042 Aug	0.000155	0.00215	0.0158	0.0000126	11.1	11.1	0.0642	0.00273	90.6	0.00794	0.00739	0.0000379	0.000851	0.000461	0.193	0.00000172	0.0035	0.000439	0.00134	0.00264
2042 Sep	0.000155	0.00215	0.0158	0.0000126	11.1	11.2	0.0644	0.00274	90.6	0.00796	0.00739	0.0000378	0.000854	0.000463	0.194	0.00000172	0.00351	0.00044	0.00134	0.00265
2042 Oct	0.000155	0.00215	0.0157	0.0000126	11.1	11.2	0.0644	0.00274	90.4	0.00797	0.00739	0.0000377	0.000854	0.000463	0.194	0.00000172	0.00352	0.00044	0.00134	0.00265
2042 Nov	0.000155	0.00215	0.0157	0.0000126	11.1	11.2	0.0645	0.00274	90.5	0.00797	0.00739	0.0000378	0.000855	0.000463	0.194	0.00000172	0.00352	0.00044	0.00134	0.00266
2042 Dec	0.000155	0.00215	0.0158	0.0000126	11.1	11.2	0.0645	0.00274	90.5	0.00797	0.00739	0.0000378	0.000855	0.000463	0.194	0.00000172	0.00352	0.00044	0.00134	0.00266
2043 Jan	0.000155	0.00215	0.0158	0.0000126	11.1	11.2	0.0645	0.00274	90.5	0.00797	0.00739	0.0000378	0.000855	0.000463	0.194	0.00000172	0.00352	0.00044	0.00134	0.00266
2043 Feb	0.000155	0.00215	0.0158	0.0000126	11.1	11.2	0.0645	0.00274	90.5	0.00797	0.00739	0.0000378	0.000855	0.000463	0.194	0.00000172	0.00352	0.00044	0.00134	0.00266
2043 Mar	0.000155	0.00215	0.0158	0.0000126	11.1	11.2	0.0645	0.00274	90.5	0.00797	0.00739	0.0000378	0.000855	0.000463	0.194	0.00000172	0.00352	0.00044	0.00134	0.00266
2043 Apr	0.000155	0.00215	0.0158	0.0000126	11.2	11.2	0.0645	0.00274	90.6	0.00798	0.0074	0.0000378	0.000855	0.000464	0.194	0.00000172	0.00352	0.000441	0.00134	0.00266
2043 May	0.000156	0.00216	0.0158	0.0000127	11.2	11.2	0.0647	0.00275	90.8	0.008	0.00742	0.0000379	0.000858	0.000465	0.195	0.00000173	0.00353	0.000442	0.00134	0.00267
2043 Jun	0.000156	0.00216	0.0159	0.0000127	11.2	11.2	0.0649	0.00276	90.4	0.00802	0.00741	0.0000382	0.00086	0.000466	0.195	0.00000172	0.00354	0.000443	0.00134	0.00267
2043 Jul	0.000157	0.00218	0.016	0.0000128	11.3	11.3	0.0655	0.00278	91	0.00809	0.00747	0.0000384	0.000868	0.00047	0.197	0.00000173	0.00357	0.000447	0.00135	0.0027
2043 Aug	0.000158	0.0022	0.0161	0.0000129	11.4	11.4	0.066	0.0028	91.6	0.00816	0.00752	0.0000386	0.000875	0.000474	0.198	0.00000174	0.0036	0.000451	0.00136	0.00272
2043 Sep	0.000159	0.0022	0.0161	0.000013	11.4	11.5	0.0663	0.00282	91.7	0.00819	0.00754	0.0000387	0.000879	0.000476	0.199	0.00000174	0.00361	0.000452	0.00136	0.00273
2043 Oct	0.000159	0.0022	0.0161	0.000013	11.5	11.5	0.0663	0.00282	91.6	0.0082	0.00754	0.0000386	0.000879	0.000476	0.199	0.00000174	0.00362	0.000453	0.00136	0.00273
2043 Nov	0.000159	0.0022	0.0161	0.000013	11.5	11.5	0.0663	0.00282	91.6	0.0082	0.00754	0.0000386	0.000879	0.000476	0.199	0.00000173	0.00362	0.000453	0.00136	0.00273
2043 Dec	0.000159	0.0022	0.0161	0.000013	11.5	11.5	0.0663	0.00282	91.6	0.0082	0.00754	0.0000386	0.000879	0.000476	0.199	0.00000173	0.00362	0.000453	0.00136	0.00273
2044 Jan	0.000159	0.0022	0.0161	0.000013	11.5	11.5	0.0663	0.00282	91.6	0.0082	0.00754	0.0000386	0.000879	0.000476	0.199	0.00000173	0.00362	0.000453	0.00136	0.00273
2044 Feb	0.000159	0.0022	0.0161	0.000013	11.5	11.5	0.0663	0.00282	91.6	0.0082	0.00754	0.0000386	0.000879	0.000476	0.199	0.00000173	0.00362	0.000453	0.00136	0.00273
2044 Mar	0.000159	0.0022	0.0161	0.000013	11.5	11.5	0.0664	0.00282	91.6	0.0082	0.00754	0.0000386	0.00088	0.000476	0.199	0.00000173	0.00362	0.000453	0.00136	0.00273
2044 Apr	0.000159	0.0022	0.0161	0.000013	11.5	11.5	0.0664	0.00282	91.6	0.0082	0.00754	0.0000386	0.00088	0.000476	0.199	0.00000174	0.00362	0.000453	0.00136	0.00273
2044 May	0.000159	0.00221	0.0161	0.000013	11.5	11.5	0.0665	0.00283	91.8	0.00822	0.00756	0.0000387	0.000882	0.000477	0.2	0.00000174	0.00363	0.000454	0.00137	0.00274
2044 Jun	0.000158	0.0022	0.0161	0.000013	11.5	11.5	0.0665	0.00283	91.1	0.00822	0.00753	0.0000385	0.000882	0.000477	0.199	0.00000172	0.00363	0.000454	0.00136	0.00274
2044 Jul	0.000159	0.00222	0.0162	0.0000131	11.6	11.6	0.067	0.00285	91.4	0.00828	0.00757	0.0000386	0.000889	0.000481	0.201	0.00000173	0.00366	0.000457	0.00137	0.00276
2044 Aug	0.000161	0.00224	0.0163	0.0000132	11.7	11.7	0.0677	0.00287	92.2	0.00836	0.00763	0.0000389	0.000897	0.000485	0.203	0.00000174	0.00369	0.000461	0.00138	0.00279
2044 Sep	0.000161	0.00224	0.0163	0.0000133	11.7	11.7	0.0678	0.00288	92	0.00838	0.00763	0.0000388	0.000899	0.000486	0.203	0.00000174	0.0037	0.000462	0.00138	0.00279
2044 Oct	0.000161	0.00224	0.0163	0.0000133	11.7	11.7	0.0679	0.00288	91.9	0.00838	0.00763	0.0000387	0.0009	0.000487	0.203	0.00000173	0.0037	0.000463	0.00138	0.0028
2044 Nov	0.000161	0.00224	0.0163	0.0000133	11.7	11.7	0.0679	0.00289	92	0.00839	0.00763	0.0000388	0.0009	0.000487	0.203	0.00000173	0.00371	0.000463	0.00138	0.0028
2044 Dec	0.000161	0.00224	0.0163	0.0000133	11.7	11.7	0.0679	0.00289	92	0.00839	0.00763	0.0000388	0.0009	0.000487	0.203	0.00000173	0.00371	0.000463	0.00138	0.0028
2045 Jan	0.000161	0.00224	0.0163	0.0000133	11.7	11.7	0.0679	0.00289	92	0.00839	0.00763	0.0000388	0.0009	0.000487	0.203	0.00000173	0.00371	0.000463	0.00138	0.0028
2045 Feb	0.000161	0.00224	0.0163	0.0000133	11.7	11.7	0.0679	0.00289	92	0.00839	0.00763	0.0000388	0.0009	0.000487	0.203	0.00000173	0.00371	0.000463	0.00138	0.0028
2045 Mar	0.000161	0.00224	0.0163	0.0000133	11.7	11.7	0.0679	0.00289	92	0.00839	0.00763	0.0000388	0.0009	0.000487	0.203	0.00000173	0.00371	0.000463	0.00138	0.0028
2045 Apr	0.000161	0.00224	0.0163	0.0000133	11.7	11.8	0.0679	0.00289	92	0.00839	0.00763	0.0000388	0.000901	0.000487	0.203	0.00000173	0.00371	0.000463	0.00138	0.0028
2045 May	0.000161	0.00225	0.0163	0.0000133	11.7	11.8	0.0681	0.00289	92.2	0.00841	0.00765	0.0000388	0.000902	0.000488	0.204	0.00000174	0.00371	0.000464	0.00138	0.00281
2045 Jun	0.000161	0.00224	0.0163	0.0000133	11.8	11.8	0.0682	0.0029	91.9	0.00842	0.00764	0.0000387	0.000904	0.000489	0.204	0.00000173	0.00372	0.000464	0.00138	0.00281
2045 Jul	0.000162	0.00226	0.0164	0.0000134	11.8	11.9	0.0686	0.00292	92.1	0.00847	0.00768	0.0000388	0.00091	0.000492	0.205	0.00000173	0.00375	0.000467	0.00139	0.00283
2045 Aug	0.000163	0.00227	0.0164	0.0000135	11.9	11.9	0.0691	0.00294	92.6	0.00853	0.00772	0.000039	0.000917	0.000495	0.207	0.00000174	0.00377	0.000471	0.00139	0.00285
2045 Sep	0.000163	0.00228	0.0165	0.0000136	12	12	0.0693	0.00295	92.7	0.00856	0.00774	0.000039	0.00092	0.000497	0.207	0.00000174	0.00379	0.000472	0.0014	0.00286
2045 Oct	0.000163	0.00228	0.0165	0.0000136	12	12	0.0694	0.00295	92.8	0.00857	0.00775	0.000039	0.000921	0.000497	0.208	0.00000174	0.00379	0.000473	0.0014	0.00286
2045 Nov	0.000163	0.00228	0.0165	0.0000136	12	12	0.0695	0.00295	92.8	0.00858	0.00775	0.000039	0.000921	0.000498	0.208	0.00000174	0.00379	0.000473	0.0014	0.00286
2045 Dec	0.000163	0.00228	0.0165	0.0000136	12	12	0.0695	0.00295	92.8	0.00858	0.00775	0.000039	0.000921	0.000498	0.208	0.00000174	0.00379	0.000473	0.0014	0.00286
2046 Jan	0.000163	0.00228	0.0165	0.0000136	12	12	0.0695	0.00295	92.8	0.00858	0.00775	0.000039	0.000921	0.000498	0.208	0.00000174	0.00379	0.000473	0.0014	0.00286
2046 Feb	0.000163	0.00228	0.0165	0.0000136	12	12	0.0695	0.00295	92.8	0.00858	0.00775	0.000039	0.000921	0.000498	0.208	0.00000174	0.00379	0.000473	0.0014	0.00286
2046 Mar	0.000163	0.00228	0.0165	0.0000136	12	12	0.0695	0.00295	92.8	0.00858	0.00775	0.000039	0.000922	0.000498	0.208	0.00000174	0.00379	0.000473	0.0014	0.00287

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2046 Apr	0.000163	0.00228	0.0165	0.0000136	12	12	0.0695	0.00295	92.9	0.00858	0.00775	0.0000391	0.000922	0.000498	0.208	0.00000175	0.0038	0.000473	0.0014	0.00287
2046 May	0.000164	0.00229	0.0165	0.0000136	12	12	0.0697	0.00296	93.1	0.0086	0.00777	0.0000392	0.000924	0.000499	0.208	0.00000175	0.0038	0.000474	0.0014	0.00287
2046 Jun	0.000163	0.00228	0.0165	0.0000136	12	12	0.0697	0.00296	92.5	0.0086	0.00775	0.000039	0.000924	0.000499	0.208	0.00000174	0.00381	0.000474	0.0014	0.00287
2046 Jul	0.000163	0.00229	0.0164	0.0000137	12	12.1	0.0699	0.00297	92.1	0.00863	0.00774	0.0000388	0.000927	0.0005	0.209	0.00000173	0.00382	0.000475	0.0014	0.00288
2046 Aug	0.000164	0.0023	0.0165	0.0000138	12.1	12.2	0.0704	0.00299	92.6	0.00869	0.00779	0.000039	0.000934	0.000504	0.21	0.00000174	0.00385	0.000479	0.00141	0.0029
2046 Sep	0.000164	0.0023	0.0165	0.0000138	12.2	12.2	0.0705	0.003	92.5	0.00871	0.00779	0.0000389	0.000936	0.000505	0.21	0.00000173	0.00385	0.000479	0.00141	0.00291
2046 Oct	0.000164	0.0023	0.0165	0.0000138	12.2	12.2	0.0706	0.003	92.3	0.00871	0.00778	0.0000388	0.000937	0.000505	0.21	0.00000173	0.00386	0.00048	0.00141	0.00291
2046 Nov	0.000164	0.0023	0.0165	0.0000138	12.2	12.2	0.0706	0.003	92.3	0.00871	0.00778	0.0000388	0.000937	0.000505	0.21	0.00000173	0.00386	0.00048	0.00141	0.00291
2046 Dec	0.000164	0.0023	0.0165	0.0000138	12.2	12.2	0.0706	0.003	92.3	0.00871	0.00778	0.0000388	0.000937	0.000505	0.21	0.00000173	0.00386	0.00048	0.00141	0.00291
2047 Jan	0.000164	0.0023	0.0165	0.0000138	12.2	12.2	0.0706	0.003	92.3	0.00871	0.00778	0.0000388	0.000937	0.000505	0.21	0.00000173	0.00386	0.00048	0.00141	0.00291
2047 Feb	0.000164	0.0023	0.0165	0.0000138	12.2	12.2	0.0706	0.003	92.3	0.00871	0.00778	0.0000388	0.000937	0.000505	0.21	0.00000173	0.00386	0.00048	0.00141	0.00291
2047 Mar	0.000164	0.0023	0.0165	0.0000138	12.2	12.2	0.0706	0.003	92.4	0.00872	0.00779	0.0000388	0.000937	0.000505	0.211	0.00000173	0.00386	0.00048	0.00141	0.00291
2047 Apr	0.000164	0.0023	0.0165	0.0000138	12.2	12.2	0.0706	0.003	92.4	0.00872	0.00779	0.0000388	0.000937	0.000506	0.211	0.00000173	0.00386	0.00048	0.00141	0.00292
2047 May	0.000164	0.00231	0.0166	0.0000139	12.2	12.2	0.0708	0.00301	92.5	0.00873	0.0078	0.0000389	0.000939	0.000506	0.211	0.00000173	0.00387	0.000481	0.00141	0.00292
2047 Jun	0.000164	0.00231	0.0166	0.0000139	12.2	12.2	0.0709	0.00301	92	0.00874	0.00778	0.0000392	0.00094	0.000507	0.211	0.00000172	0.00387	0.000482	0.00141	0.00292
2047 Jul	0.000166	0.00232	0.0167	0.000014	12.3	12.3	0.0715	0.00304	92.6	0.00882	0.00784	0.0000394	0.000948	0.000511	0.213	0.00000173	0.0039	0.000486	0.00142	0.00295
2047 Aug	0.000167	0.00234	0.0168	0.0000141	12.4	12.4	0.072	0.00306	93.2	0.00889	0.0079	0.0000396	0.000956	0.000515	0.214	0.00000174	0.00394	0.000489	0.00143	0.00297
2047 Sep	0.000167	0.00234	0.0168	0.0000141	12.4	12.5	0.0722	0.00307	93.2	0.00891	0.0079	0.0000396	0.000958	0.000516	0.215	0.00000174	0.00395	0.000491	0.00143	0.00298
2047 Oct	0.000167	0.00234	0.0168	0.0000141	12.4	12.5	0.0723	0.00307	93	0.00891	0.0079	0.0000395	0.000959	0.000516	0.215	0.00000173	0.00395	0.000491	0.00143	0.00298
2047 Nov	0.000167	0.00234	0.0168	0.0000141	12.4	12.5	0.0723	0.00307	93	0.00891	0.0079	0.0000395	0.000959	0.000517	0.215	0.00000173	0.00395	0.000491	0.00143	0.00298
2047 Dec	0.000167	0.00234	0.0168	0.0000141	12.4	12.5	0.0723	0.00307	93	0.00891	0.0079	0.0000395	0.000959	0.000517	0.215	0.00000173	0.00395	0.000491	0.00143	0.00298
2048 Jan	0.000167	0.00234	0.0168	0.0000141	12.4	12.5	0.0723	0.00307	93	0.00891	0.0079	0.0000395	0.000959	0.000517	0.215	0.00000173	0.00395	0.000491	0.00143	0.00298
2048 Feb	0.000167	0.00234	0.0168	0.0000141	12.4	12.5	0.0723	0.00307	93	0.00891	0.0079	0.0000395	0.000959	0.000517	0.215	0.00000173	0.00395	0.000491	0.00143	0.00298
2048 Mar	0.000167	0.00234	0.0168	0.0000141	12.4	12.5	0.0723	0.00307	93	0.00891	0.0079	0.0000395	0.000959	0.000517	0.215	0.00000173	0.00395	0.000491	0.00143	0.00298
2048 Apr	0.000167	0.00235	0.0168	0.0000142	12.4	12.5	0.0723	0.00307	93.1	0.00892	0.0079	0.0000395	0.000959	0.000517	0.215	0.00000173	0.00395	0.000491	0.00143	0.00298
2048 May	0.000167	0.00235	0.0168	0.0000142	12.5	12.5	0.0725	0.00308	93.3	0.00894	0.00792	0.0000396	0.000962	0.000518	0.216	0.00000174	0.00396	0.000492	0.00143	0.00299
2048 Jun	0.000167	0.00235	0.0168	0.0000142	12.5	12.5	0.0725	0.00308	92.7	0.00894	0.00789	0.0000393	0.000962	0.000518	0.215	0.00000173	0.00396	0.000492	0.00143	0.00299
2048 Jul	0.000167	0.00235	0.0168	0.0000142	12.5	12.5	0.0727	0.00309	92.5	0.00897	0.0079	0.0000392	0.000966	0.00052	0.216	0.00000172	0.00398	0.000494	0.00143	0.003
2048 Aug	0.000168	0.00236	0.0168	0.0000143	12.6	12.6	0.0732	0.00311	92.8	0.00903	0.00794	0.0000393	0.000972	0.000523	0.217	0.00000172	0.004	0.000497	0.00143	0.00302
2048 Sep	0.000168	0.00237	0.0168	0.0000144	12.6	12.6	0.0734	0.00312	92.9	0.00905	0.00795	0.0000393	0.000975	0.000524	0.218	0.00000172	0.00401	0.000498	0.00143	0.00303
2048 Oct	0.000168	0.00237	0.0168	0.0000144	12.6	12.7	0.0735	0.00312	92.8	0.00906	0.00795	0.0000393	0.000975	0.000525	0.218	0.00000172	0.00402	0.000498	0.00143	0.00303
2048 Nov	0.000168	0.00237	0.0168	0.0000144	12.6	12.7	0.0735	0.00312	92.8	0.00906	0.00795	0.0000393	0.000975	0.000525	0.218	0.00000172	0.00402	0.000498	0.00143	0.00304
2048 Dec	0.000168	0.00237	0.0168	0.0000144	12.6	12.7	0.0735	0.00312	92.8	0.00906	0.00795	0.0000393	0.000976	0.000525	0.218	0.00000172	0.00402	0.000498	0.00143	0.00304
2049 Jan	0.000168	0.00237	0.0168	0.0000144	12.6	12.7	0.0735	0.00312	92.8	0.00906	0.00795	0.0000393	0.000976	0.000525	0.218	0.00000172	0.00402	0.000498	0.00143	0.00304
2049 Feb	0.000168	0.00237	0.0168	0.0000144	12.6	12.7	0.0735	0.00312	92.8	0.00906	0.00795	0.0000393	0.000976	0.000525	0.218	0.00000172	0.00402	0.000498	0.00143	0.00304
2049 Mar	0.000168	0.00237	0.0168	0.0000144	12.6	12.7	0.0735	0.00312	92.8	0.00906	0.00795	0.0000393	0.000976	0.000525	0.218	0.00000172	0.00402	0.000498	0.00143	0.00304
2049 Apr	0.000168	0.00237	0.0168	0.0000144	12.6	12.7	0.0735	0.00313	92.8	0.00907	0.00795	0.0000393	0.000976	0.000525	0.218	0.00000172	0.00402	0.000499	0.00144	0.00304
2049 May	0.000168	0.00238	0.0169	0.0000144	12.7	12.7	0.0737	0.00313	93	0.00909	0.00797	0.0000394	0.000978	0.000526	0.219	0.00000173	0.00403	0.0005	0.00144	0.00304
2049 Jun	0.000168	0.00237	0.0168	0.0000144	12.7	12.7	0.0737	0.00313	92.4	0.00908	0.00794	0.0000392	0.000978	0.000526	0.219	0.00000171	0.00403	0.000499	0.00143	0.00304
2049 Jul	0.000168	0.00238	0.0168	0.0000145	12.7	12.7	0.074	0.00315	92.4	0.00912	0.00796	0.0000391	0.000982	0.000528	0.219	0.00000171	0.00405	0.000501	0.00144	0.00306
2049 Aug	0.00017	0.0024	0.017	0.0000146	12.8	12.8	0.0746	0.00317	93.1	0.0092	0.00802	0.0000394	0.000991	0.000533	0.221	0.00000172	0.00408	0.000506	0.00145	0.00308
2049 Sep	0.00017	0.0024	0.017	0.0000147	12.9	12.9	0.0748	0.00318	93	0.00923	0.00803	0.0000394	0.000994	0.000534	0.222	0.00000172	0.00409	0.000507	0.00145	0.00309
2049 Oct	0.00017	0.0024	0.0169	0.0000147	12.9	12.9	0.0749	0.00318	92.9	0.00923	0.00802	0.0000393	0.000994	0.000534	0.222	0.00000172	0.0041	0.000507	0.00145	0.00309
2049 Nov	0.00017	0.0024	0.017	0.0000147	12.9	12.9	0.0749	0.00318	92.9	0.00923	0.00802	0.0000393	0.000995	0.000534	0.222	0.00000172	0.0041	0.000507	0.00145	0.0031
2049 Dec	0.00017	0.0024	0.017	0.0000147	12.9	12.9	0.0749	0.00318	92.9	0.00923	0.00802	0.0000393	0.000995	0.000534	0.222	0.00000172	0.0041	0.000507	0.00145	0.0031
2050 Jan	0.00017	0.0024	0.017	0.0000147	12.9	12.9	0.0749	0.00319	92.9	0.00923	0.00802	0.0000393	0.000995	0.000534	0.222	0.00000172	0.0041	0.000507	0.00145	0.0031
2050 Feb	0.00017	0.0024	0.017	0.0000147	12.9	12.9	0.0749	0.00319	92.9	0.00923	0.00802	0.0000393	0.000995	0.000535	0.222	0.00000172	0.0041	0.000507	0.00145	0.0031
2050 Mar	0.00017	0.0024	0.017	0.0000147	12.9	12.9	0.0749	0.00319	92.9	0.00923	0.00802	0.0000393	0.000995	0.000535	0.222	0.00000172	0.0041	0.000507	0.00145	0.0031
2050 Apr	0.00017	0.0024	0.017	0.0000147	12.9	12.9	0.0749	0.00319	93	0.00924	0.00803	0.0000393	0.000995	0.000535	0.222	0.00000172	0.0041	0.000507	0.00145	0.0031
2050 May	0.00017	0.00241	0.017	0.0000147	12.9	12.9	0.0751	0.00319	93.1	0.00925	0.00804	0.0000394	0.000997	0.000536	0.222	0.00000172	0.00411	0.000508	0.00145	0.0031
2050 Jun	0.00017	0.0024	0.017	0.0000147	12.9	12.9	0.0751	0.00319	92.7	0.00926	0.00803	0.0000393	0.000997	0.000536	0.222	0.00000171	0.00411	0.000509	0.00145	0.0031
2050 Jul	0.00017	0.00241	0.017	0.0000147	12.9	12.9	0.0753	0.0032	92.4	0.00928	0.00802	0.0000392	0.001	0.000537	0.223	0.0000017	0.00412	0.00051	0.00145	0.00311
2050 Aug	0.000171	0.00242	0.017	0.0000148	13	13	0.0758	0.00322	92.9	0.00934	0.00807	0.0000393	0.00101	0.000541	0.224	0.00000171	0.00415	0.000513	0.00146	0.00313
2050 Sep	0.000171	0.00243	0.017	0.0000149	13.1	13.1	0.076	0.00323	92.9	0.00937	0.00808	0.0000393	0.00101	0.000542	0.225	0.00000171	0.00416	0.000514	0.00146	0.00314
2050 Oct	0.000171	0.00243	0.0171	0.0000149	13.1	13.1	0.0761	0.00324	93	0.00938	0.00809	0.0000394	0.00101	0.000543	0.225	0.00000171	0.00417	0.000515	0.00146	0.00315
2050 Nov	0.000171	0.00243	0.0171	0.0000149	13.1	13.1	0.0762	0.00324	93.1	0.00939	0.0081	0.0000394	0.00101	0.000543	0.225	0.00000171	0.00417	0.000515	0.00146	0.00315
2050 Dec	0.000171	0.00243	0.0171	0.0000149	13.1	13.1	0.0762	0.00324	93.1	0.00939	0.0081	0.0000394	0.00101	0.000543	0.225	0.00000171	0.00417	0.000515	0.00146	0.00315
2051 Jan	0.000171	0.00243	0.0171	0.0000149	13.1	13.1	0.0762	0.00324	93.1	0.00939	0.0081	0.0000394	0.00101	0.000543	0.225	0.00000171	0.00417	0.000515	0.00146	0.00315
2051 Feb	0.000171	0.00243	0.0171	0.0000149	13.1	13.1	0.0762	0.00324	93.1	0.00939	0.0081	0.0000394	0.00101	0.000543	0.225	0.00000171	0.00417	0.000515	0.00146	0.00315
2051 Mar	0.000171	0.00243	0.0171	0.0000149	13.1	13.1	0.0762	0.00324	93.1	0.00939	0.0081	0.0000394	0.00101	0.000543	0.225	0.00000171	0.00417	0.000515	0.00146	0.00315
2051 Apr	0.000171	0.00243	0.0171	0.0000149	13.1	13.1	0.0762	0.00324	93.2	0.00939	0.0081	0.0000394	0.00101	0.000544	0.226	0.00000171	0.00417	0.000516	0.00146	0.00315
2051 May	0.000172	0.00244	0.0171	0.000015	13.1	13.1	0.0764	0.00325	93.4	0.00941	0.00812	0.0000395	0.00101	0.000545	0.226	0.00000172	0.00418	0.000517	0.00146	0.00316
2051 Jun	0.000171	0.00243	0.0171	0.0000149	13.1	13.1	0.0763	0.00324	92.5	0.00939	0.00807	0.0000395	0.00101	0.000543	0.225	0.0000017	0.00417	0.000516	0.00146	0.00315
2051 Jul	0.000172	0.00244	0.0171	0.000015	13.2	13.2	0.0767	0.00326	92.6	0.00945	0.0081	0.0000395	0.00102	0.000546	0.227	0.0000017	0.0042	0.000519	0.00146	0.00317
2051 Aug	0.000172	0.00245	0.0172	0.0000151	13.2	13.2	0.0771	0.00328	92.8	0.0095	0.00813	0.0000396	0.00102	0.000549	0.228	0.0000017	0.00422	0.000521	0.00147	0.00319
2051 Sep	0.000172	0.00245	0.0172	0.0000151	13.3	13.3	0.0772	0.00328	92.7	0.00951	0.00813	0.0000395	0.00103	0.00055	0.228	0.0000017	0.00423	0.000522	0.00147	0.0032
2051 Oct	0.000172	0.00244	0.0171	0.0000151	13.2	13.2	0.0771	0.00328	92.2	0.0095	0.0081	0.0000392	0.00102	0.000549	0.228	0.00000169	0.00422	0.000521	0.00146	0.00319
2051 Nov	0.000172	0.00244	0.0171	0.0000151	13.2	13.2	0.0771	0.00328	92.2	0.0095	0.0081	0.0000392	0.00102	0.000549	0.228	0.00000169	0.00422	0.000521	0.00146	0.00319
2051 Dec	0.000172	0.00244	0.0171	0.0000151	13.2	13.2	0.0771	0.00328	92.2	0.0095	0.0081	0.0000392	0.00102	0.000549	0.228	0.00000169	0.00422	0.000521	0.00146	0.00319
2052 Jan	0.000172	0.00244	0.0171	0.0000151	13.2	13.2	0.0771	0.00328	92.2	0.0095	0.0081	0.0000392	0.00102	0.000549	0.228	0.00000169	0.00422	0.000521	0.00146	0.00319
2052 Feb	0.000172	0.00244	0.0171	0.0000151	13.2	13.2	0.0771	0.00328	92.2	0.0095	0.0081	0.0000392	0.00102	0.000549	0.228	0.00000169	0.00422	0.000521	0.00146	0.00319

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2052 Mar	0.000172	0.00245	0.0171	0.0000151	13.2	13.2	0.0771	0.00328	92.2	0.0095	0.0081	0.0000392	0.00102	0.000549	0.228	0.00000169	0.00422	0.000521	0.00146	0.00319
2052 Apr	0.000172	0.00245	0.0171	0.0000151	13.2	13.2	0.0772	0.00328	92.2	0.0095	0.00811	0.0000392	0.00102	0.00055	0.228	0.00000169	0.00423	0.000521	0.00146	0.00319
2052 May	0.000172	0.00245	0.0171	0.0000151	13.3	13.3	0.0773	0.00329	92.4	0.00952	0.00812	0.0000393	0.00103	0.000551	0.228	0.00000169	0.00423	0.000522	0.00146	0.0032
2052 Jun	0.000172	0.00245	0.0172	0.0000152	13.3	13.3	0.0775	0.0033	92.2	0.00954	0.00812	0.0000396	0.00103	0.000552	0.229	0.00000169	0.00424	0.000524	0.00146	0.00321
2052 Jul	0.000173	0.00247	0.0172	0.0000153	13.4	13.4	0.078	0.00332	92.5	0.0096	0.00816	0.0000396	0.00104	0.000555	0.23	0.00000169	0.00427	0.000527	0.00147	0.00323
2052 Aug	0.000174	0.00248	0.0173	0.0000154	13.4	13.5	0.0784	0.00333	92.8	0.00966	0.00819	0.0000397	0.00104	0.000558	0.231	0.00000169	0.0043	0.000529	0.00148	0.00325
2052 Sep	0.000174	0.00248	0.0173	0.0000154	13.5	13.5	0.0786	0.00334	92.8	0.00968	0.0082	0.0000397	0.00104	0.000559	0.232	0.00000169	0.00431	0.000531	0.00148	0.00325
2052 Oct	0.000174	0.00248	0.0173	0.0000154	13.5	13.5	0.0787	0.00335	92.8	0.00969	0.00821	0.0000397	0.00105	0.00056	0.232	0.00000169	0.00431	0.000531	0.00148	0.00326
2052 Nov	0.000174	0.00249	0.0173	0.0000154	13.5	13.5	0.0787	0.00335	92.8	0.00969	0.00821	0.0000397	0.00105	0.00056	0.232	0.00000169	0.00431	0.000531	0.00148	0.00326
2052 Dec	0.000174	0.00249	0.0173	0.0000154	13.5	13.5	0.0787	0.00335	92.8	0.00969	0.00821	0.0000397	0.00105	0.00056	0.232	0.00000169	0.00431	0.000531	0.00148	0.00326
2053 Jan	0.000174	0.00249	0.0173	0.0000154	13.5	13.5	0.0787	0.00335	92.8	0.00969	0.00821	0.0000397	0.00105	0.00056	0.232	0.00000169	0.00431	0.000531	0.00148	0.00326
2053 Feb	0.000174	0.00249	0.0173	0.0000154	13.5	13.5	0.0788	0.00335	92.8	0.0097	0.00821	0.0000397	0.00105	0.00056	0.232	0.00000169	0.00431	0.000531	0.00148	0.00326
2053 Mar	0.000174	0.00249	0.0173	0.0000154	13.5	13.5	0.0788	0.00335	92.9	0.0097	0.00821	0.0000397	0.00105	0.00056	0.232	0.00000169	0.00431	0.000531	0.00148	0.00326
2053 Apr	0.000174	0.00249	0.0173	0.0000154	13.5	13.5	0.0788	0.00335	92.9	0.0097	0.00822	0.0000397	0.00105	0.000561	0.232	0.00000169	0.00432	0.000532	0.00148	0.00326
2053 May	0.000175	0.00249	0.0174	0.0000155	13.5	13.5	0.079	0.00336	93	0.00972	0.00823	0.00004	0.00105	0.000562	0.233	0.00000169	0.00432	0.000533	0.00148	0.00327
2053 Jun	0.000174	0.00248	0.0174	0.0000154	13.5	13.5	0.0789	0.00335	92.3	0.00971	0.0082	0.0000402	0.00105	0.000561	0.232	0.00000168	0.00432	0.000533	0.00148	0.00326
2053 Jul	0.000175	0.0025	0.0175	0.0000156	13.6	13.6	0.0795	0.00338	92.8	0.00978	0.00825	0.0000403	0.00106	0.000565	0.234	0.00000169	0.00435	0.000536	0.00149	0.00329
2053 Aug	0.000177	0.00252	0.0176	0.0000157	13.7	13.7	0.0801	0.0034	93.4	0.00986	0.0083	0.0000406	0.00106	0.000569	0.236	0.0000017	0.00439	0.00054	0.0015	0.00331
2053 Sep	0.000177	0.00253	0.0177	0.0000158	13.8	13.8	0.0805	0.00342	93.8	0.0099	0.00834	0.0000407	0.00107	0.000572	0.237	0.0000017	0.00441	0.000543	0.0015	0.00333
2053 Oct	0.000178	0.00253	0.0177	0.0000158	13.8	13.8	0.0807	0.00343	93.9	0.00992	0.00835	0.0000408	0.00107	0.000573	0.237	0.00000171	0.00442	0.000544	0.0015	0.00334
2053 Nov	0.000178	0.00254	0.0177	0.0000158	13.8	13.8	0.0807	0.00343	93.9	0.00992	0.00835	0.0000408	0.00107	0.000573	0.237	0.00000171	0.00442	0.000544	0.0015	0.00334
2053 Dec	0.000178	0.00254	0.0177	0.0000158	13.8	13.8	0.0807	0.00343	93.9	0.00992	0.00835	0.0000408	0.00107	0.000573	0.237	0.00000171	0.00442	0.000544	0.0015	0.00334
2054 Jan	0.000178	0.00254	0.0177	0.0000158	13.8	13.8	0.0807	0.00343	93.9	0.00992	0.00835	0.0000408	0.00107	0.000573	0.237	0.00000171	0.00442	0.000544	0.0015	0.00334
2054 Feb	0.000178	0.00254	0.0177	0.0000158	13.8	13.8	0.0807	0.00343	93.9	0.00992	0.00835	0.0000408	0.00107	0.000573	0.237	0.00000171	0.00442	0.000544	0.0015	0.00334
2054 Mar	0.000178	0.00254	0.0177	0.0000158	13.8	13.8	0.0807	0.00343	93.9	0.00992	0.00835	0.0000408	0.00107	0.000573	0.237	0.00000171	0.00442	0.000544	0.0015	0.00334
2054 Apr	0.000178	0.00254	0.0177	0.0000158	13.8	13.8	0.0807	0.00343	93.9	0.00993	0.00836	0.0000408	0.00107	0.000574	0.237	0.00000171	0.00442	0.000544	0.00151	0.00334
2054 May	0.000178	0.00254	0.0177	0.0000158	13.8	13.9	0.0809	0.00344	94.1	0.00995	0.00837	0.0000409	0.00107	0.000575	0.238	0.00000171	0.00443	0.000546	0.00151	0.00335
2054 Jun	0.000178	0.00253	0.0177	0.0000158	13.8	13.8	0.0808	0.00343	93.4	0.00993	0.00834	0.0000409	0.00107	0.000574	0.237	0.00000169	0.00442	0.000545	0.0015	0.00334
2054 Jul	0.000178	0.00254	0.0177	0.0000159	13.9	13.9	0.0811	0.00344	93.3	0.00997	0.00835	0.0000409	0.00108	0.000576	0.238	0.00000169	0.00444	0.000547	0.0015	0.00335
2054 Aug	0.000178	0.00255	0.0178	0.0000159	13.9	13.9	0.0815	0.00346	93.5	0.01	0.00837	0.0000409	0.00108	0.000579	0.239	0.00000169	0.00446	0.000549	0.00151	0.00337
2054 Sep	0.000179	0.00256	0.0178	0.000016	14	14	0.0817	0.00347	93.6	0.01	0.00839	0.0000409	0.00108	0.00058	0.24	0.00000169	0.00447	0.000551	0.00151	0.00338
2054 Oct	0.000179	0.00256	0.0178	0.000016	14	14	0.0817	0.00347	93.5	0.01	0.00839	0.0000409	0.00108	0.00058	0.24	0.00000169	0.00448	0.000551	0.00151	0.00338
2054 Nov	0.000179	0.00255	0.0178	0.000016	14	14	0.0817	0.00347	93.5	0.01	0.00838	0.0000408	0.00108	0.00058	0.24	0.00000169	0.00448	0.000551	0.00151	0.00338
2054 Dec	0.000179	0.00256	0.0178	0.000016	14	14	0.0817	0.00347	93.5	0.01	0.00838	0.0000409	0.00109	0.00058	0.24	0.00000169	0.00448	0.000551	0.00151	0.00338
2055 Jan	0.000179	0.00256	0.0178	0.000016	14	14	0.0817	0.00347	93.5	0.01	0.00838	0.0000409	0.00109	0.00058	0.24	0.00000169	0.00448	0.000551	0.00151	0.00338
2055 Feb	0.000179	0.00256	0.0178	0.000016	14	14	0.0817	0.00347	93.5	0.01	0.00838	0.0000409	0.00109	0.00058	0.24	0.00000169	0.00448	0.000551	0.00151	0.00338
2055 Mar	0.000179	0.00256	0.0178	0.000016	14	14	0.0818	0.00347	93.5	0.01	0.00839	0.0000409	0.00109	0.00058	0.24	0.00000169	0.00448	0.000551	0.00151	0.00338
2055 Apr	0.000179	0.00256	0.0178	0.000016	14	14	0.0818	0.00347	93.5	0.0101	0.00839	0.0000409	0.00109	0.000581	0.24	0.00000169	0.00448	0.000551	0.00151	0.00338
2055 May	0.000179	0.00256	0.0178	0.000016	14	14	0.0819	0.00348	93.7	0.0101	0.0084	0.0000409	0.00109	0.000582	0.241	0.00000169	0.00449	0.000552	0.00151	0.00339
2055 Jun	0.000178	0.00255	0.0177	0.000016	14	14	0.0818	0.00348	93.1	0.0101	0.00837	0.0000407	0.00109	0.000581	0.24	0.00000168	0.00448	0.000551	0.00151	0.00338
2055 Jul	0.000179	0.00256	0.0178	0.0000161	14	14	0.0822	0.00349	93.1	0.0101	0.00839	0.0000407	0.00109	0.000583	0.241	0.00000168	0.0045	0.000553	0.00151	0.0034
2055 Aug	0.00018	0.00258	0.0179	0.0000162	14.1	14.1	0.0827	0.00351	93.6	0.0102	0.00844	0.0000409	0.0011	0.000587	0.243	0.00000169	0.00453	0.000557	0.00152	0.00342
2055 Sep	0.00018	0.00258	0.0179	0.0000162	14.2	14.2	0.0829	0.00352	93.7	0.0102	0.00845	0.0000408	0.0011	0.000588	0.243	0.00000169	0.00454	0.000558	0.00152	0.00343
2055 Oct	0.00018	0.00259	0.0179	0.0000162	14.2	14.2	0.083	0.00353	93.7	0.0102	0.00846	0.0000409	0.0011	0.000589	0.243	0.00000169	0.00455	0.000559	0.00152	0.00344
2055 Nov	0.00018	0.00259	0.0179	0.0000163	14.2	14.2	0.0831	0.00353	93.8	0.0102	0.00846	0.0000409	0.0011	0.000589	0.244	0.00000169	0.00455	0.000559	0.00152	0.00344
2055 Dec	0.00018	0.00259	0.0179	0.0000163	14.2	14.2	0.0831	0.00353	93.8	0.0102	0.00846	0.0000409	0.0011	0.000589	0.244	0.00000169	0.00455	0.000559	0.00152	0.00344
2056 Jan	0.00018	0.00259	0.0179	0.0000163	14.2	14.2	0.0831	0.00353	93.8	0.0102	0.00846	0.0000409	0.0011	0.000589	0.244	0.00000169	0.00455	0.000559	0.00152	0.00344
2056 Feb	0.00018	0.00259	0.0179	0.0000163	14.2	14.2	0.0831	0.00353	93.8	0.0102	0.00846	0.0000409	0.0011	0.000589	0.244	0.00000169	0.00455	0.000559	0.00152	0.00344
2056 Mar	0.00018	0.00259	0.0179	0.0000163	14.2	14.2	0.0831	0.00353	93.8	0.0102	0.00846	0.0000409	0.0011	0.000589	0.244	0.00000169	0.00455	0.000559	0.00152	0.00344
2056 Apr	0.00018	0.00259	0.0179	0.0000163	14.2	14.2	0.0831	0.00353	93.8	0.0102	0.00847	0.0000409	0.0011	0.00059	0.244	0.00000169	0.00455	0.000559	0.00153	0.00344
2056 May	0.000181	0.00259	0.018	0.0000163	14.2	14.2	0.0833	0.00354	93.9	0.0102	0.00848	0.0000411	0.00111	0.000591	0.244	0.00000169	0.00456	0.000561	0.00153	0.00345
2056 Jun	0.00018	0.00259	0.018	0.0000163	14.2	14.2	0.0832	0.00353	93.3	0.0102	0.00845	0.0000413	0.0011	0.00059	0.244	0.00000168	0.00456	0.00056	0.00152	0.00344
2056 Jul	0.000182	0.0026	0.0181	0.0000164	14.3	14.3	0.0839	0.00356	93.8	0.0103	0.00851	0.0000415	0.00111	0.000594	0.246	0.00000169	0.00459	0.000564	0.00153	0.00347
2056 Aug	0.000182	0.00262	0.0181	0.0000165	14.4	14.4	0.0843	0.00358	94.2	0.0104	0.00855	0.0000416	0.00112	0.000598	0.247	0.00000169	0.00462	0.000567	0.00154	0.00349
2056 Sep	0.000183	0.00263	0.0182	0.0000166	14.5	14.5	0.0847	0.0036	94.5	0.0104	0.00858	0.0000417	0.00112	0.0006	0.248	0.0000017	0.00464	0.00057	0.00154	0.0035
2056 Oct	0.000183	0.00263	0.0182	0.0000166	14.5	14.5	0.0847	0.0036	94.3	0.0104	0.00857	0.0000416	0.00112	0.0006	0.248	0.00000169	0.00464	0.00057	0.00154	0.00351
2056 Nov	0.000183	0.00263	0.0182	0.0000166	14.5	14.5	0.0847	0.0036	94.3	0.0104	0.00857	0.0000416	0.00112	0.0006	0.248	0.00000169	0.00464	0.00057	0.00154	0.00351
2056 Dec	0.000183	0.00263	0.0182	0.0000166	14.5	14.5	0.0847	0.0036	94.3	0.0104	0.00857	0.0000416	0.00112	0.000601	0.248	0.00000169	0.00464	0.00057	0.00154	0.00351
2057 Jan	0.000183	0.00263	0.0182	0.0000166	14.5	14.5	0.0847	0.0036	94.3	0.0104	0.00857	0.0000416	0.00112	0.000601	0.248	0.00000169	0.00464	0.00057	0.00154	0.00351
2057 Feb	0.000183	0.00263	0.0182	0.0000166	14.5	14.5	0.0847	0.0036	94.3	0.0104	0.00857	0.0000416	0.00112	0.000601	0.248	0.00000169	0.00464	0.00057	0.00154	0.00351
2057 Mar	0.000183	0.00263	0.0182	0.0000166	14.5	14.5	0.0847	0.0036	94.4	0.0104	0.00857	0.0000416	0.00112	0.000601	0.248	0.00000169	0.00464	0.00057	0.00154	0.00351
2057 Apr	0.000183	0.00263	0.0182	0.0000166	14.5	14.5	0.0848	0.0036	94.4	0.0104	0.00858	0.0000417	0.00113	0.000601	0.248	0.00000169	0.00464	0.00057	0.00154	0.00351
2057 May	0.000184	0.00263	0.0182	0.0000166	14.5	14.5	0.085	0.00361	94.6	0.0104	0.0086	0.0000418	0.00113	0.000602	0.249	0.0000017	0.00465	0.000572	0.00155	0.00352
2057 Jun	0.000183	0.00263	0.0182	0.0000166	14.5	14.5	0.0849	0.0036	93.9	0.0104	0.00856	0.0000418	0.00113	0.000601	0.248	0.00000168	0.00465	0.000571	0.00154	0.00351
2057 Jul	0.000184	0.00264	0.0183	0.0000167	14.6	14.6	0.0854	0.00363	94.3	0.0105	0.0086	0.0000419	0.00113	0.000605	0.25	0.00000169	0.00468	0.000574	0.00155	0.00353
2057 Aug	0.000186	0.00267	0.0184	0.0000169	14.7	14.7	0.0862	0.00366	95.1	0.0106	0.00868	0.0000423	0.00114	0.000611	0.252	0.0000017	0.00472	0.00058	0.00156	0.00357
2057 Sep	0.000186	0.00268	0.0185	0.0000169	14.8	14.8	0.0866	0.00368	95.4	0.0106	0.00871	0.0000424	0.00115	0.000613	0.253	0.00000171	0.00474	0.000582	0.00157	0.00358
2057 Oct	0.000186	0.00268	0.0185	0.0000169	14.8	14.8	0.0867	0.00368	95.4	0.0106	0.00871	0.0000423	0.00115	0.000614	0.253	0.00000171	0.00475	0.000582	0.00157	0.00359
2057 Nov	0.000186	0.00268	0.0185	0.000017	14.8	14.8	0.0867	0.00368	95.4	0.0106	0.00872	0.0000423	0.00115	0.000614	0.253	0.00000171	0.00475	0.000583	0.00157	0.00359
2057 Dec	0.000186	0.00268	0.0185	0.000017	14.8	14.8	0.0867	0.00368	95.4	0.0106	0.00872	0.0000423	0.00115	0.000614	0.253	0.00000171	0.00475	0.000583	0.00157	0.00359
2058 Jan	0.000186	0.00268	0.0185	0.000017	14.8	14.8	0.0867	0.00368	95.4	0.0106	0.00872	0.0000423	0.00115	0.000614	0.253	0.00000171	0.00475	0.000583	0.00157	0.00359

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2058 Feb	0.000186	0.00268	0.0185	0.000017	14.8	14.8	0.0867	0.00368	95.4	0.0106	0.00872	0.0000423	0.00115	0.000614	0.253	0.00000171	0.00475	0.000583	0.00157	0.00359
2058 Mar	0.000186	0.00268	0.0185	0.000017	14.8	14.8	0.0867	0.00368	95.4	0.0106	0.00872	0.0000424	0.00115	0.000614	0.254	0.00000171	0.00475	0.000583	0.00157	0.00359
2058 Apr	0.000186	0.00268	0.0185	0.000017	14.8	14.8	0.0867	0.00368	95.4	0.0106	0.00872	0.0000424	0.00115	0.000614	0.254	0.00000171	0.00475	0.000583	0.00157	0.00359
2058 May	0.000187	0.00268	0.0186	0.000017	14.8	14.8	0.0869	0.00369	95.5	0.0107	0.00873	0.0000426	0.00115	0.000615	0.254	0.00000171	0.00476	0.000584	0.00157	0.0036
2058 Jun	0.000186	0.00267	0.0185	0.0000169	14.8	14.7	0.0865	0.00367	94.4	0.0106	0.00866	0.0000427	0.00115	0.000612	0.253	0.00000169	0.00474	0.000582	0.00156	0.00358
2058 Jul	0.000187	0.00268	0.0186	0.000017	14.8	14.8	0.0871	0.00369	94.8	0.0107	0.0087	0.0000429	0.00115	0.000616	0.254	0.00000169	0.00477	0.000585	0.00157	0.0036
2058 Aug	0.000188	0.0027	0.0187	0.0000171	14.9	14.9	0.0877	0.00372	95.3	0.0107	0.00876	0.0000431	0.00116	0.00062	0.256	0.0000017	0.0048	0.000589	0.00158	0.00363
2058 Sep	0.000188	0.0027	0.0187	0.0000172	15	15	0.0879	0.00373	95.3	0.0108	0.00877	0.000043	0.00117	0.000621	0.256	0.0000017	0.00481	0.00059	0.00158	0.00363
2058 Oct	0.000188	0.0027	0.0187	0.0000172	15	15	0.0879	0.00373	95.3	0.0108	0.00877	0.000043	0.00117	0.000622	0.257	0.0000017	0.00481	0.000591	0.00158	0.00364
2058 Nov	0.000188	0.0027	0.0187	0.0000172	15	15	0.0879	0.00373	95.3	0.0108	0.00877	0.000043	0.00117	0.000622	0.257	0.0000017	0.00481	0.000591	0.00158	0.00364
2058 Dec	0.000188	0.0027	0.0187	0.0000172	15	15	0.088	0.00373	95.3	0.0108	0.00877	0.000043	0.00117	0.000622	0.257	0.0000017	0.00482	0.000591	0.00158	0.00364
2059 Jan	0.000188	0.0027	0.0187	0.0000172	15	15	0.088	0.00373	95.3	0.0108	0.00877	0.000043	0.00117	0.000622	0.257	0.0000017	0.00482	0.000591	0.00158	0.00364
2059 Feb	0.000188	0.0027	0.0187	0.0000172	15	15	0.088	0.00373	95.3	0.0108	0.00877	0.000043	0.00117	0.000622	0.257	0.0000017	0.00482	0.000591	0.00158	0.00364
2059 Mar	0.000188	0.0027	0.0187	0.0000172	15	15	0.088	0.00373	95.3	0.0108	0.00877	0.000043	0.00117	0.000622	0.257	0.0000017	0.00482	0.000591	0.00158	0.00364
2059 Apr	0.000188	0.00271	0.0187	0.0000172	15	15	0.088	0.00373	95.3	0.0108	0.00878	0.000043	0.00117	0.000622	0.257	0.0000017	0.00482	0.000591	0.00158	0.00364
2059 May	0.000189	0.00271	0.0187	0.0000172	15	15	0.0882	0.00374	95.5	0.0108	0.00879	0.0000432	0.00117	0.000623	0.257	0.0000017	0.00483	0.000592	0.00158	0.00365
2059 Jun	0.000189	0.00271	0.0188	0.0000173	15.1	15	0.0884	0.00375	95.3	0.0108	0.00879	0.0000435	0.00117	0.000625	0.258	0.0000017	0.00484	0.000594	0.00158	0.00365
2059 Jul	0.000191	0.00274	0.019	0.0000174	15.2	15.2	0.0892	0.00378	96.2	0.0109	0.00887	0.0000439	0.00118	0.00063	0.26	0.00000171	0.00488	0.000599	0.0016	0.00369
2059 Aug	0.000192	0.00276	0.0191	0.0000176	15.3	15.3	0.0899	0.00381	96.8	0.011	0.00894	0.0000442	0.00119	0.000635	0.262	0.00000172	0.00492	0.000604	0.00161	0.00372
2059 Sep	0.000192	0.00277	0.0191	0.0000176	15.4	15.4	0.0902	0.00383	97	0.0111	0.00896	0.0000442	0.0012	0.000637	0.263	0.00000172	0.00494	0.000606	0.00161	0.00373
2059 Oct	0.000192	0.00276	0.0191	0.0000176	15.3	15.3	0.09	0.00382	96.5	0.011	0.00893	0.0000439	0.00119	0.000636	0.262	0.00000171	0.00492	0.000604	0.00161	0.00372
2059 Nov	0.000192	0.00276	0.0191	0.0000176	15.3	15.3	0.09	0.00382	96.5	0.011	0.00893	0.0000439	0.00119	0.000636	0.262	0.00000171	0.00493	0.000604	0.00161	0.00372
2059 Dec	0.000192	0.00276	0.0191	0.0000176	15.3	15.3	0.09	0.00382	96.5	0.011	0.00893	0.0000439	0.00119	0.000636	0.262	0.00000171	0.00493	0.000604	0.00161	0.00372
2060 Jan	0.000192	0.00276	0.0191	0.0000176	15.3	15.3	0.09	0.00382	96.5	0.011	0.00893	0.0000439	0.00119	0.000636	0.262	0.00000171	0.00493	0.000604	0.00161	0.00372
2060 Feb	0.000192	0.00276	0.0191	0.0000176	15.3	15.3	0.09	0.00382	96.5	0.011	0.00893	0.0000439	0.00119	0.000636	0.262	0.00000171	0.00493	0.000604	0.00161	0.00372
2060 Mar	0.000192	0.00276	0.0191	0.0000176	15.3	15.3	0.09	0.00382	96.5	0.011	0.00893	0.0000439	0.00119	0.000636	0.262	0.00000171	0.00493	0.000604	0.00161	0.00372
2060 Apr	0.000192	0.00276	0.0191	0.0000176	15.3	15.3	0.09	0.00382	96.6	0.011	0.00893	0.0000439	0.00119	0.000636	0.262	0.00000171	0.00493	0.000604	0.00161	0.00372
2060 May	0.000192	0.00276	0.0191	0.0000176	15.4	15.3	0.0902	0.00382	96.6	0.011	0.00894	0.0000442	0.0012	0.000637	0.263	0.00000171	0.00493	0.000606	0.00161	0.00373
2060 Jun	0.000192	0.00276	0.0191	0.0000176	15.3	15.3	0.0901	0.00382	96	0.011	0.00891	0.0000444	0.00119	0.000636	0.263	0.0000017	0.00493	0.000605	0.0016	0.00373
2060 Jul	0.000193	0.00278	0.0193	0.0000178	15.5	15.5	0.091	0.00386	96.8	0.0111	0.00899	0.0000447	0.00121	0.000642	0.265	0.00000172	0.00498	0.000611	0.00162	0.00376
2060 Aug	0.000194	0.0028	0.0194	0.0000179	15.6	15.6	0.0915	0.00388	97.2	0.0112	0.00903	0.0000449	0.00121	0.000646	0.266	0.00000172	0.00501	0.000614	0.00162	0.00378
2060 Sep	0.000194	0.00279	0.0193	0.0000179	15.6	15.6	0.0915	0.00388	96.8	0.0112	0.00902	0.0000447	0.00121	0.000646	0.266	0.00000171	0.00501	0.000614	0.00162	0.00378
2060 Oct	0.000194	0.00279	0.0193	0.0000179	15.6	15.6	0.0915	0.00388	96.8	0.0112	0.00901	0.0000446	0.00121	0.000646	0.266	0.00000171	0.00501	0.000614	0.00162	0.00378
2060 Nov	0.000194	0.00279	0.0193	0.0000179	15.6	15.6	0.0915	0.00388	96.7	0.0112	0.00901	0.0000446	0.00121	0.000646	0.266	0.00000171	0.00501	0.000614	0.00162	0.00378
2060 Dec	0.000194	0.00279	0.0193	0.0000179	15.6	15.6	0.0915	0.00388	96.7	0.0112	0.00901	0.0000446	0.00121	0.000646	0.266	0.00000171	0.00501	0.000614	0.00162	0.00378
2061 Jan	0.000194	0.00279	0.0193	0.0000179	15.6	15.6	0.0915	0.00388	96.7	0.0112	0.00901	0.0000446	0.00121	0.000646	0.266	0.00000171	0.00501	0.000614	0.00162	0.00378
2061 Feb	0.000194	0.00279	0.0193	0.0000179	15.6	15.6	0.0915	0.00388	96.7	0.0112	0.00901	0.0000446	0.00121	0.000646	0.266	0.00000171	0.00501	0.000614	0.00162	0.00378
2061 Mar	0.000194	0.00279	0.0193	0.0000179	15.6	15.6	0.0915	0.00388	96.7	0.0112	0.00901	0.0000446	0.00121	0.000646	0.266	0.00000171	0.00501	0.000614	0.00162	0.00378
2061 Apr	0.000194	0.00279	0.0193	0.0000179	15.6	15.6	0.0916	0.00388	96.8	0.0112	0.00902	0.0000446	0.00121	0.000646	0.266	0.00000171	0.00501	0.000614	0.00162	0.00379
2061 May	0.000194	0.0028	0.0194	0.0000179	15.6	15.6	0.0917	0.00389	96.8	0.0112	0.00903	0.0000449	0.00122	0.000647	0.267	0.00000171	0.00502	0.000615	0.00162	0.00379
2061 Jun	0.000193	0.00278	0.0193	0.0000178	15.5	15.5	0.0914	0.00387	95.9	0.0112	0.00897	0.0000449	0.00121	0.000645	0.266	0.00000169	0.005	0.000613	0.00161	0.00378
2061 Jul	0.000195	0.00281	0.0195	0.000018	15.7	15.7	0.0922	0.00391	96.6	0.0113	0.00904	0.0000452	0.00122	0.00065	0.268	0.0000017	0.00504	0.000619	0.00162	0.00381
2061 Aug	0.000196	0.00283	0.0196	0.0000181	15.8	15.8	0.0929	0.00394	97.3	0.0114	0.00911	0.0000455	0.00123	0.000655	0.27	0.00000171	0.00508	0.000623	0.00164	0.00384
2061 Sep	0.000197	0.00283	0.0196	0.0000182	15.8	15.8	0.0932	0.00395	97.4	0.0114	0.00913	0.0000455	0.00123	0.000657	0.271	0.00000172	0.0051	0.000625	0.00164	0.00385
2061 Oct	0.000196	0.00283	0.0195	0.0000182	15.8	15.8	0.093	0.00394	97.1	0.0114	0.0091	0.0000453	0.00123	0.000656	0.27	0.00000171	0.00509	0.000624	0.00164	0.00385
2061 Nov	0.000196	0.00283	0.0195	0.0000181	15.8	15.8	0.093	0.00394	97	0.0114	0.00909	0.0000452	0.00123	0.000656	0.27	0.00000171	0.00509	0.000623	0.00163	0.00385
2061 Dec	0.000196	0.00283	0.0195	0.0000181	15.8	15.8	0.093	0.00394	97	0.0114	0.00909	0.0000453	0.00123	0.000656	0.27	0.00000171	0.00509	0.000623	0.00163	0.00385
2062 Jan	0.000196	0.00283	0.0195	0.0000181	15.8	15.8	0.093	0.00394	97	0.0114	0.00909	0.0000453	0.00123	0.000656	0.27	0.00000171	0.00509	0.000623	0.00163	0.00385
2062 Feb	0.000196	0.00283	0.0195	0.0000181	15.8	15.8	0.093	0.00394	97	0.0114	0.00909	0.0000453	0.00123	0.000656	0.27	0.00000171	0.00509	0.000623	0.00163	0.00385
2062 Mar	0.000196	0.00283	0.0195	0.0000182	15.8	15.8	0.093	0.00394	97	0.0114	0.0091	0.0000453	0.00123	0.000656	0.27	0.00000171	0.00509	0.000624	0.00163	0.00385
2062 Apr	0.000196	0.00283	0.0195	0.0000182	15.8	15.8	0.0931	0.00394	97	0.0114	0.0091	0.0000453	0.00123	0.000656	0.27	0.00000171	0.00509	0.000624	0.00164	0.00385
2062 May	0.000197	0.00283	0.0196	0.0000182	15.8	15.8	0.0932	0.00395	97.2	0.0114	0.00912	0.0000454	0.00124	0.000657	0.271	0.00000171	0.0051	0.000625	0.00164	0.00385
2062 Jun	0.000196	0.00283	0.0195	0.0000182	15.8	15.8	0.0931	0.00394	96.7	0.0114	0.00909	0.0000451	0.00123	0.000656	0.27	0.0000017	0.00509	0.000624	0.00163	0.00385
2062 Jul	0.000196	0.00283	0.0195	0.0000182	15.9	15.9	0.0934	0.00396	96.7	0.0114	0.0091	0.0000451	0.00124	0.000658	0.271	0.0000017	0.00511	0.000626	0.00164	0.00386
2062 Aug	0.000197	0.00284	0.0196	0.0000183	15.9	15.9	0.0938	0.00397	96.8	0.0115	0.00913	0.0000451	0.00124	0.000661	0.272	0.0000017	0.00513	0.000628	0.00164	0.00388
2062 Sep	0.000197	0.00284	0.0195	0.0000183	16	15.9	0.0939	0.00398	96.7	0.0115	0.00913	0.000045	0.00124	0.000662	0.272	0.0000017	0.00514	0.000629	0.00164	0.00388
2062 Oct	0.000196	0.00283	0.0194	0.0000183	15.9	15.9	0.0936	0.00397	96.2	0.0114	0.00909	0.0000447	0.00124	0.000659	0.272	0.00000168	0.00512	0.000627	0.00163	0.00387
2062 Nov	0.000196	0.00283	0.0195	0.0000183	15.9	15.9	0.0936	0.00397	96.2	0.0115	0.00909	0.0000447	0.00124	0.00066	0.272	0.00000169	0.00512	0.000627	0.00163	0.00387
2062 Dec	0.000196	0.00283	0.0195	0.0000183	15.9	15.9	0.0936	0.00397	96.2	0.0115	0.00909	0.0000447	0.00124	0.00066	0.272	0.00000169	0.00512	0.000627	0.00163	0.00387
2063 Jan	0.000196	0.00283	0.0195	0.0000183	15.9	15.9	0.0936	0.00397	96.2	0.0115	0.00909	0.0000447	0.00124	0.00066	0.272	0.00000169	0.00512	0.000627	0.00163	0.00387
2063 Feb	0.000196	0.00283	0.0195	0.0000183	15.9	15.9	0.0936	0.00397	96.2	0.0115	0.00909	0.0000447	0.00124	0.00066	0.272	0.00000169	0.00512	0.000627	0.00163	0.00387
2063 Mar	0.000196	0.00283	0.0195	0.0000183	15.9	15.9	0.0936	0.00397	96.2	0.0115	0.00909	0.0000447	0.00124	0.00066	0.272	0.00000169	0.00512	0.000627	0.00163	0.00387
2063 Apr	0.000196	0.00283	0.0195	0.0000183	15.9	15.9	0.0936	0.00397	96.2	0.0115	0.00909	0.0000447	0.00124	0.00066	0.272	0.00000169	0.00513	0.000627	0.00163	0.00387
2063 May	0.000196	0.00284	0.0195	0.0000183	15.9	15.9	0.0938	0.00398	96.3	0.0115	0.00911	0.0000449	0.00124	0.000661	0.272	0.00000169	0.00513	0.000628	0.00164	0.00388
2063 Jun	0.000195	0.00281	0.0194	0.0000182	15.8	15.8	0.0931	0.00394	94.9	0.0114	0.009	0.0000448	0.00123	0.000655	0.27	0.00000166	0.00509	0.000623	0.00162	0.00385
2063 Jul	0.000195	0.00282	0.0194	0.0000182	15.9	15.8	0.0934	0.00396	94.9	0.0114	0.00902	0.0000448	0.00124	0.000658	0.271	0.00000166	0.00511	0.000625	0.00162	0.00386
2063 Aug	0.000196	0.00284	0.0195	0.0000184	16	16	0.0941	0.00399	95.5	0.0115	0.00908	0.0000451	0.00125	0.000662	0.273	0.00000167	0.00515	0.00063	0.00163	0.00389
2063 Sep	0.000197	0.00284	0.0196	0.0000184	16	16	0.0943	0.004	95.6	0.0115	0.0091	0.0000451	0.00125	0.000664	0.273	0.00000167	0.00516	0.000631	0.00163	0.0039
2063 Oct	0.000196	0.00284	0.0195	0.0000184	16	16	0.0943	0.004	95.5	0.0115	0.00909	0.000045	0.00125	0.000664	0.273	0.00000166	0.00516	0.000631	0.00163	0.0039
2063 Nov	0.000196	0.00284	0.0195	0.0000184	16	16	0.0943	0.004	95.5	0.0115	0.00909	0.000045	0.00125	0.000664	0.273	0.00000166	0.00516	0.000631	0.00163	0.0039
2063 Dec	0.000196	0.00284	0.0195	0.0000184	16	16	0.0943	0.004	95.5	0.0115	0.00909	0.000045	0.00125	0.000664	0.273	0.00000167	0.00516	0.000631	0.00163	0.0039

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2064 Jan	0.000196	0.00284	0.0195	0.0000184	16	16	0.0943	0.004	95.5	0.0115	0.00909	0.000045	0.00125	0.000664	0.273	0.00000167	0.00516	0.000631	0.00163	0.0039
2064 Feb	0.000196	0.00284	0.0195	0.0000184	16	16	0.0943	0.004	95.5	0.0115	0.00909	0.000045	0.00125	0.000664	0.273	0.00000167	0.00516	0.000631	0.00163	0.0039
2064 Mar	0.000197	0.00284	0.0195	0.0000184	16	16	0.0943	0.004	95.5	0.0115	0.00909	0.000045	0.00125	0.000664	0.273	0.00000167	0.00516	0.000631	0.00163	0.0039
2064 Apr	0.000197	0.00284	0.0195	0.0000184	16	16	0.0944	0.004	95.5	0.0115	0.0091	0.000045	0.00125	0.000664	0.273	0.00000167	0.00517	0.000632	0.00163	0.0039
2064 May	0.000197	0.00285	0.0196	0.0000184	16	16	0.0945	0.004	95.5	0.0116	0.0091	0.0000452	0.00125	0.000665	0.274	0.00000167	0.00517	0.000632	0.00163	0.00391
2064 Jun	0.000196	0.00283	0.0195	0.0000184	16	15.9	0.0941	0.00399	94.6	0.0115	0.00904	0.0000454	0.00125	0.000662	0.272	0.00000165	0.00515	0.00063	0.00162	0.00389
2064 Jul	0.000197	0.00285	0.0196	0.0000185	16.1	16.1	0.0948	0.00401	95.1	0.0116	0.0091	0.0000456	0.00125	0.000667	0.274	0.00000165	0.00518	0.000634	0.00163	0.00392
2064 Aug	0.000198	0.00286	0.0197	0.0000186	16.1	16.1	0.0952	0.00403	95.4	0.0116	0.00913	0.0000457	0.00126	0.00067	0.276	0.00000166	0.00521	0.000637	0.00164	0.00394
2064 Sep	0.000198	0.00286	0.0197	0.0000186	16.2	16.1	0.0953	0.00404	95.2	0.0116	0.00913	0.0000455	0.00126	0.00067	0.276	0.00000165	0.00521	0.000637	0.00164	0.00394
2064 Oct	0.000198	0.00286	0.0197	0.0000186	16.2	16.2	0.0954	0.00404	95.3	0.0117	0.00913	0.0000456	0.00126	0.000671	0.276	0.00000165	0.00522	0.000638	0.00164	0.00394
2064 Nov	0.000198	0.00286	0.0197	0.0000186	16.2	16.2	0.0954	0.00404	95.3	0.0117	0.00914	0.0000456	0.00126	0.000671	0.276	0.00000166	0.00522	0.000638	0.00164	0.00395
2064 Dec	0.000198	0.00286	0.0197	0.0000186	16.2	16.2	0.0954	0.00404	95.3	0.0117	0.00914	0.0000456	0.00126	0.000671	0.276	0.00000166	0.00522	0.000638	0.00164	0.00395
2065 Jan	0.000198	0.00286	0.0197	0.0000186	16.2	16.2	0.0954	0.00404	95.3	0.0117	0.00914	0.0000456	0.00126	0.000671	0.276	0.00000166	0.00522	0.000638	0.00164	0.00395
2065 Feb	0.000198	0.00286	0.0197	0.0000186	16.2	16.2	0.0954	0.00404	95.3	0.0117	0.00914	0.0000456	0.00126	0.000671	0.276	0.00000166	0.00522	0.000638	0.00164	0.00395
2065 Mar	0.000198	0.00287	0.0197	0.0000186	16.2	16.2	0.0955	0.00404	95.4	0.0117	0.00914	0.0000456	0.00126	0.000671	0.276	0.00000166	0.00522	0.000639	0.00164	0.00395
2065 Apr	0.000198	0.00287	0.0197	0.0000186	16.2	16.2	0.0955	0.00405	95.4	0.0117	0.00915	0.0000456	0.00126	0.000672	0.276	0.00000166	0.00523	0.000639	0.00164	0.00395
2065 May	0.000199	0.00287	0.0198	0.0000187	16.2	16.2	0.0957	0.00405	95.5	0.0117	0.00916	0.0000458	0.00127	0.000673	0.277	0.00000166	0.00523	0.00064	0.00164	0.00396
2065 Jun	0.000198	0.00286	0.0197	0.0000186	16.2	16.2	0.0955	0.00404	94.8	0.0117	0.00912	0.0000459	0.00126	0.000671	0.276	0.00000164	0.00522	0.000639	0.00164	0.00395
2065 Jul	0.000199	0.00288	0.0199	0.0000188	16.3	16.3	0.0963	0.00408	95.5	0.0118	0.00919	0.0000462	0.00127	0.000677	0.278	0.00000166	0.00527	0.000644	0.00165	0.00398
2065 Aug	0.000201	0.00291	0.02	0.0000189	16.4	16.4	0.097	0.00411	96.1	0.0118	0.00925	0.0000465	0.00128	0.000682	0.28	0.00000166	0.00531	0.000649	0.00166	0.00401
2065 Sep	0.0002	0.0029	0.02	0.0000189	16.4	16.4	0.097	0.00411	95.9	0.0118	0.00924	0.0000463	0.00128	0.000682	0.28	0.00000166	0.00531	0.000649	0.00166	0.00401
2065 Oct	0.000199	0.00289	0.0198	0.0000188	16.4	16.4	0.0967	0.00409	95.2	0.0118	0.00919	0.0000459	0.00128	0.000679	0.279	0.00000165	0.00529	0.000646	0.00165	0.004
2065 Nov	0.000199	0.00289	0.0198	0.0000188	16.4	16.4	0.0967	0.00409	95.2	0.0118	0.00919	0.0000459	0.00128	0.000679	0.279	0.00000165	0.00529	0.000646	0.00165	0.004
2065 Dec	0.000199	0.00289	0.0198	0.0000188	16.4	16.4	0.0967	0.00409	95.2	0.0118	0.00919	0.0000459	0.00128	0.000679	0.279	0.00000165	0.00529	0.000646	0.00165	0.004
2066 Jan	0.000199	0.00289	0.0198	0.0000188	16.4	16.4	0.0967	0.00409	95.2	0.0118	0.00919	0.0000459	0.00128	0.000679	0.279	0.00000165	0.00529	0.000646	0.00165	0.004
2066 Feb	0.000199	0.00289	0.0198	0.0000188	16.4	16.4	0.0967	0.00409	95.2	0.0118	0.00919	0.0000459	0.00128	0.000679	0.279	0.00000165	0.00529	0.000646	0.00165	0.004
2066 Mar	0.000199	0.00289	0.0199	0.0000189	16.4	16.4	0.0967	0.00409	95.2	0.0118	0.0092	0.0000459	0.00128	0.00068	0.279	0.00000165	0.00529	0.000646	0.00165	0.004
2066 Apr	0.0002	0.00289	0.0199	0.0000189	16.4	16.4	0.0967	0.0041	95.3	0.0118	0.0092	0.0000459	0.00128	0.00068	0.28	0.00000165	0.00529	0.000647	0.00165	0.004
2066 May	0.0002	0.0029	0.0199	0.0000189	16.4	16.4	0.0969	0.0041	95.4	0.0118	0.00921	0.000046	0.00128	0.000681	0.28	0.00000165	0.0053	0.000648	0.00165	0.00401
2066 Jun	0.000199	0.00288	0.0198	0.0000188	16.4	16.3	0.0966	0.00409	94.6	0.0118	0.00916	0.0000459	0.00128	0.000678	0.279	0.00000163	0.00528	0.000645	0.00164	0.00399
2066 Jul	0.000201	0.00291	0.02	0.000019	16.5	16.5	0.0975	0.00413	95.3	0.0119	0.00924	0.0000462	0.00129	0.000685	0.281	0.00000164	0.00533	0.000651	0.00166	0.00403
2066 Aug	0.000202	0.00293	0.0201	0.0000191	16.6	16.6	0.0982	0.00416	95.9	0.012	0.0093	0.0000464	0.0013	0.00069	0.284	0.00000165	0.00537	0.000656	0.00167	0.00406
2066 Sep	0.000202	0.00294	0.0201	0.0000192	16.7	16.6	0.0984	0.00417	96	0.012	0.00932	0.0000464	0.0013	0.000691	0.284	0.00000165	0.00539	0.000658	0.00167	0.00407
2066 Oct	0.000202	0.00293	0.0201	0.0000192	16.7	16.6	0.0984	0.00417	95.8	0.012	0.0093	0.0000463	0.0013	0.000691	0.284	0.00000165	0.00538	0.000657	0.00167	0.00407
2066 Nov	0.000202	0.00293	0.0201	0.0000192	16.7	16.6	0.0984	0.00417	95.8	0.012	0.0093	0.0000463	0.0013	0.000691	0.284	0.00000165	0.00538	0.000657	0.00167	0.00407
2066 Dec	0.000202	0.00293	0.0201	0.0000192	16.7	16.6	0.0984	0.00417	95.8	0.012	0.0093	0.0000463	0.0013	0.000691	0.284	0.00000165	0.00538	0.000657	0.00167	0.00407
2067 Jan	0.000202	0.00293	0.0201	0.0000192	16.7	16.6	0.0984	0.00417	95.8	0.012	0.0093	0.0000463	0.0013	0.000691	0.284	0.00000165	0.00538	0.000657	0.00167	0.00407
2067 Feb	0.000202	0.00293	0.0201	0.0000192	16.7	16.6	0.0984	0.00417	95.8	0.012	0.00931	0.0000463	0.0013	0.000691	0.284	0.00000165	0.00538	0.000657	0.00167	0.00407
2067 Mar	0.000202	0.00293	0.0201	0.0000192	16.7	16.6	0.0984	0.00417	95.8	0.012	0.00931	0.0000463	0.0013	0.000691	0.284	0.00000165	0.00538	0.000657	0.00167	0.00407
2067 Apr	0.000202	0.00293	0.0201	0.0000192	16.7	16.6	0.0984	0.00417	95.9	0.012	0.00931	0.0000463	0.0013	0.000691	0.284	0.00000165	0.00539	0.000658	0.00167	0.00407
2067 May	0.000203	0.00294	0.0202	0.0000192	16.7	16.7	0.0987	0.00418	96	0.012	0.00933	0.0000465	0.00131	0.000693	0.285	0.00000165	0.0054	0.000659	0.00167	0.00408
2067 Jun	0.000202	0.00293	0.0202	0.0000192	16.7	16.7	0.0986	0.00417	95.5	0.012	0.0093	0.0000467	0.0013	0.000692	0.284	0.00000164	0.00539	0.000658	0.00167	0.00407
2067 Jul	0.000204	0.00296	0.0203	0.0000194	16.8	16.8	0.0994	0.00421	96.3	0.0121	0.00938	0.000047	0.00132	0.000698	0.287	0.00000166	0.00544	0.000664	0.00168	0.00411
2067 Aug	0.000205	0.00298	0.0204	0.0000195	16.9	16.9	0.1	0.00423	96.7	0.0122	0.00943	0.0000472	0.00132	0.000702	0.288	0.00000166	0.00547	0.000668	0.00169	0.00414
2067 Sep	0.000205	0.00298	0.0204	0.0000195	17	16.9	0.1	0.00424	96.8	0.0122	0.00944	0.0000472	0.00133	0.000704	0.289	0.00000166	0.00549	0.00067	0.00169	0.00415
2067 Oct	0.000205	0.00298	0.0204	0.0000195	16.9	16.9	0.1	0.00424	96.5	0.0122	0.00942	0.000047	0.00133	0.000703	0.289	0.00000166	0.00548	0.000668	0.00169	0.00414
2067 Nov	0.000205	0.00298	0.0204	0.0000195	16.9	16.9	0.1	0.00424	96.4	0.0122	0.00942	0.000047	0.00133	0.000703	0.289	0.00000165	0.00548	0.000668	0.00169	0.00414
2067 Dec	0.000205	0.00298	0.0204	0.0000195	16.9	16.9	0.1	0.00424	96.5	0.0122	0.00942	0.000047	0.00133	0.000703	0.289	0.00000165	0.00548	0.000668	0.00169	0.00414
2068 Jan	0.000205	0.00298	0.0204	0.0000195	16.9	16.9	0.1	0.00424	96.5	0.0122	0.00942	0.000047	0.00133	0.000703	0.289	0.00000165	0.00548	0.000668	0.00169	0.00414
2068 Feb	0.000205	0.00298	0.0204	0.0000195	16.9	16.9	0.1	0.00424	96.5	0.0122	0.00942	0.000047	0.00133	0.000703	0.289	0.00000165	0.00548	0.000668	0.00169	0.00414
2068 Mar	0.000205	0.00298	0.0204	0.0000195	17	16.9	0.1	0.00424	96.5	0.0122	0.00942	0.000047	0.00133	0.000703	0.289	0.00000166	0.00548	0.000669	0.00169	0.00414
2068 Apr	0.000205	0.00298	0.0204	0.0000195	17	16.9	0.1	0.00424	96.6	0.0122	0.00943	0.0000471	0.00133	0.000704	0.289	0.00000166	0.00549	0.000669	0.00169	0.00415
2068 May	0.000205	0.00298	0.0204	0.0000196	17	17	0.1	0.00425	96.7	0.0123	0.00945	0.0000473	0.00133	0.000705	0.29	0.00000166	0.00549	0.000671	0.00169	0.00415
2068 Jun	0.000204	0.00296	0.0203	0.0000194	16.9	16.8	0.0997	0.00422	95.3	0.0122	0.00934	0.0000471	0.00132	0.000699	0.287	0.00000163	0.00545	0.000665	0.00167	0.00412
2068 Jul	0.000205	0.00297	0.0204	0.0000195	17	16.9	0.1	0.00424	95.7	0.0122	0.00939	0.0000473	0.00133	0.000703	0.289	0.00000164	0.00549	0.00067	0.00168	0.00415
2068 Aug	0.000206	0.003	0.0206	0.0000197	17.1	17.1	0.101	0.00428	96.5	0.0123	0.00947	0.0000477	0.00134	0.000709	0.291	0.00000165	0.00553	0.000675	0.0017	0.00418
2068 Sep	0.000207	0.003	0.0206	0.0000197	17.1	17.1	0.101	0.00429	96.5	0.0124	0.00948	0.0000476	0.00134	0.000711	0.292	0.00000165	0.00554	0.000676	0.0017	0.00419
2068 Oct	0.000207	0.003	0.0206	0.0000198	17.2	17.1	0.101	0.00429	96.5	0.0124	0.00949	0.0000476	0.00134	0.000711	0.292	0.00000165	0.00555	0.000677	0.0017	0.00419
2068 Nov	0.000207	0.00301	0.0206	0.0000198	17.2	17.1	0.101	0.00429	96.6	0.0124	0.00949	0.0000477	0.00134	0.000712	0.292	0.00000165	0.00555	0.000677	0.0017	0.0042
2068 Dec	0.000207	0.00301	0.0206	0.0000198	17.2	17.1	0.101	0.00429	96.6	0.0124	0.00949	0.0000477	0.00134	0.000712	0.292	0.00000165	0.00555	0.000677	0.0017	0.0042
2069 Jan	0.000207	0.00301	0.0206	0.0000198	17.2	17.1	0.101	0.00429	96.6	0.0124	0.00949	0.0000477	0.00134	0.000712	0.292	0.00000165	0.00555	0.000677	0.0017	0.0042
2069 Feb	0.000207	0.00301	0.0206	0.0000198	17.2	17.1	0.101	0.00429	96.6	0.0124	0.00949	0.0000477	0.00134	0.000712	0.292	0.00000165	0.00555	0.000677	0.0017	0.0042
2069 Mar	0.000207	0.00301	0.0206	0.0000198	17.2	17.1	0.101	0.00429	96.6	0.0124	0.00949	0.0000477	0.00134	0.000712	0.292	0.00000165	0.00555	0.000677	0.0017	0.0042
2069 Apr	0.000207	0.00301	0.0206	0.0000198	17.2	17.1	0.102	0.0043	96.6	0.0124	0.0095	0.0000477	0.00134	0.000712	0.292	0.00000165	0.00555	0.000677	0.0017	0.0042
2069 May	0.000207	0.00301	0.0206	0.0000198	17.2	17.2	0.102	0.00431	96.9	0.0124	0.00952	0.0000478	0.00135	0.000714	0.293	0.00000165	0.00557	0.000679	0.00171	0.00421
2069 Jun	0.000207	0.00301	0.0206	0.0000198	17.2	17.2	0.102	0.0043	96.3	0.0124	0.00949	0.0000477	0.00134	0.000712	0.293	0.00000164	0.00556	0.000678	0.0017	0.0042
2069 Jul	0.000208	0.00303	0.0207	0.0000199	17.3	17.3	0.102	0.00433	96.8	0.0125	0.00955	0.0000479	0.00135	0.000717	0.295	0.00000165	0.0056	0.000683	0.00171	0.00423
2069 Aug	0.000209	0.00304	0.0208	0.0000201	17.4	17.4	0.103	0.00436	97.3	0.0126	0.0096	0.0000481	0.00136	0.000722	0.296	0.00000166	0.00563	0.000687	0.00172	0.00426
2069 Sep	0.000209	0.00304	0.0207	0.00002	17.4	17.4	0.103	0.00435	97	0.0125	0.00958	0.0000479	0.00136	0.000721	0.296	0.00000165	0.00563	0.000686	0.00172	0.00425
2069 Oct	0.000208	0.00303	0.0206	0.00002	17.3	17.3	0.103	0.00434	96.5	0.0125	0.00954	0.0000476	0.00136	0.000719	0.295	0.00000164	0.00561	0.000684	0.00171	0.00424
2069 Nov	0.000208	0.00303	0.0206	0.00002	17.3	17.3	0.103	0.00434	96.4	0.0125	0.00954	0.0000475	0.00136	0.000719	0.295	0.00000164	0.00561	0.000684	0.00171	0.00424

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Dec	0.000208	0.00303	0.0206	0.00002	17.3	17.3	0.103	0.00434	96.4	0.0125	0.00954	0.0000475	0.00136	0.000719	0.295	0.00000164	0.00561	0.000684	0.00171	0.00424
2070 Jan	0.000208	0.00303	0.0206	0.00002	17.3	17.3	0.103	0.00434	96.4	0.0125	0.00954	0.0000475	0.00136	0.000719	0.295	0.00000164	0.00561	0.000684	0.00171	0.00424
2070 Feb	0.000208	0.00303	0.0206	0.00002	17.3	17.3	0.103	0.00434	96.4	0.0125	0.00954	0.0000475	0.00136	0.000719	0.295	0.00000164	0.00561	0.000684	0.00171	0.00424
2070 Mar	0.000208	0.00303	0.0206	0.00002	17.3	17.3	0.103	0.00434	96.5	0.0125	0.00954	0.0000475	0.00136	0.000719	0.295	0.00000164	0.00561	0.000684	0.00171	0.00424
2070 Apr	0.000208	0.00303	0.0207	0.00002	17.3	17.3	0.103	0.00434	96.5	0.0125	0.00954	0.0000476	0.00136	0.000719	0.295	0.00000164	0.00561	0.000684	0.00171	0.00424
2070 May	0.000208	0.00304	0.0207	0.00002	17.4	17.3	0.103	0.00435	96.7	0.0125	0.00956	0.0000478	0.00136	0.000721	0.296	0.00000164	0.00563	0.000686	0.00171	0.00425
2070 Jun	0.000208	0.00303	0.0207	0.00002	17.4	17.3	0.103	0.00434	96.2	0.0125	0.00954	0.000048	0.00136	0.000719	0.295	0.00000163	0.00562	0.000685	0.00171	0.00425
2070 Jul	0.00021	0.00305	0.0209	0.0000202	17.5	17.4	0.103	0.00438	96.8	0.0126	0.0096	0.0000483	0.00137	0.000725	0.297	0.00000164	0.00566	0.00069	0.00172	0.00428
2070 Aug	0.000211	0.00307	0.021	0.0000203	17.6	17.6	0.104	0.00441	97.3	0.0127	0.00966	0.0000485	0.00138	0.000729	0.299	0.00000165	0.0057	0.000694	0.00173	0.00431
2070 Sep	0.00021	0.00307	0.0209	0.0000203	17.6	17.6	0.104	0.0044	97.1	0.0127	0.00964	0.0000483	0.00138	0.000729	0.299	0.00000165	0.00569	0.000694	0.00173	0.00431
2070 Oct	0.00021	0.00306	0.0209	0.0000202	17.6	17.5	0.104	0.0044	96.8	0.0127	0.00962	0.0000481	0.00138	0.000728	0.299	0.00000164	0.00569	0.000693	0.00172	0.0043
2070 Nov	0.00021	0.00306	0.0209	0.0000202	17.6	17.5	0.104	0.0044	96.8	0.0127	0.00962	0.0000481	0.00138	0.000728	0.299	0.00000164	0.00569	0.000693	0.00172	0.0043
2070 Dec	0.00021	0.00306	0.0209	0.0000202	17.6	17.5	0.104	0.0044	96.8	0.0127	0.00962	0.0000481	0.00138	0.000728	0.299	0.00000164	0.00569	0.000693	0.00172	0.0043
2071 Jan	0.00021	0.00306	0.0209	0.0000202	17.6	17.5	0.104	0.0044	96.8	0.0127	0.00962	0.0000481	0.00138	0.000728	0.299	0.00000164	0.00569	0.000693	0.00172	0.0043
2071 Feb	0.00021	0.00306	0.0209	0.0000202	17.6	17.5	0.104	0.0044	96.8	0.0127	0.00962	0.0000481	0.00138	0.000728	0.299	0.00000164	0.00569	0.000693	0.00172	0.0043
2071 Mar	0.00021	0.00306	0.0209	0.0000202	17.6	17.5	0.104	0.0044	96.8	0.0127	0.00962	0.0000481	0.00138	0.000728	0.299	0.00000164	0.00569	0.000693	0.00172	0.0043
2071 Apr	0.00021	0.00306	0.0209	0.0000203	17.6	17.5	0.104	0.0044	96.8	0.0127	0.00962	0.0000481	0.00138	0.000728	0.299	0.00000164	0.00569	0.000693	0.00172	0.0043
2071 May	0.00021	0.00306	0.0209	0.0000203	17.6	17.5	0.104	0.0044	96.8	0.0127	0.00963	0.0000483	0.00138	0.000729	0.299	0.00000164	0.00569	0.000693	0.00172	0.0043
2071 Jun	0.000209	0.00305	0.0208	0.0000202	17.5	17.5	0.104	0.00438	96	0.0126	0.00957	0.0000483	0.00137	0.000725	0.298	0.00000162	0.00567	0.000691	0.00171	0.00428
2071 Jul	0.00021	0.00306	0.0209	0.0000203	17.6	17.6	0.104	0.00441	96.4	0.0127	0.00961	0.0000485	0.00138	0.000729	0.299	0.00000163	0.0057	0.000694	0.00172	0.00431
2071 Aug	0.000211	0.00308	0.021	0.0000204	17.7	17.7	0.105	0.00444	96.9	0.0128	0.00967	0.0000487	0.00139	0.000734	0.301	0.00000164	0.00574	0.000699	0.00173	0.00434
2071 Sep	0.000211	0.00308	0.021	0.0000204	17.7	17.7	0.105	0.00444	96.8	0.0128	0.00967	0.0000486	0.00139	0.000734	0.301	0.00000163	0.00574	0.000699	0.00173	0.00434
2071 Oct	0.000211	0.00308	0.021	0.0000204	17.7	17.7	0.105	0.00444	96.6	0.0128	0.00966	0.0000485	0.00139	0.000734	0.301	0.00000163	0.00574	0.000698	0.00173	0.00434
2071 Nov	0.000211	0.00308	0.021	0.0000204	17.7	17.7	0.105	0.00444	96.6	0.0128	0.00966	0.0000484	0.00139	0.000734	0.301	0.00000163	0.00574	0.000698	0.00173	0.00434
2071 Dec	0.000211	0.00308	0.021	0.0000204	17.7	17.7	0.105	0.00444	96.6	0.0128	0.00966	0.0000484	0.00139	0.000734	0.301	0.00000163	0.00574	0.000698	0.00173	0.00434
2072 Jan	0.000211	0.00308	0.021	0.0000204	17.7	17.7	0.105	0.00444	96.6	0.0128	0.00966	0.0000484	0.00139	0.000734	0.301	0.00000163	0.00574	0.000698	0.00173	0.00434
2072 Feb	0.000211	0.00308	0.021	0.0000204	17.7	17.7	0.105	0.00444	96.6	0.0128	0.00966	0.0000484	0.00139	0.000734	0.301	0.00000163	0.00574	0.000698	0.00173	0.00434
2072 Mar	0.000211	0.00308	0.021	0.0000204	17.7	17.7	0.105	0.00444	96.6	0.0128	0.00966	0.0000484	0.00139	0.000734	0.301	0.00000163	0.00574	0.000699	0.00173	0.00434
2072 Apr	0.000211	0.00308	0.021	0.0000204	17.7	17.7	0.105	0.00444	96.6	0.0128	0.00966	0.0000485	0.00139	0.000734	0.301	0.00000163	0.00574	0.000699	0.00173	0.00434
2072 May	0.000212	0.00309	0.021	0.0000205	17.8	17.7	0.105	0.00445	96.8	0.0128	0.00968	0.0000486	0.00139	0.000736	0.302	0.00000163	0.00575	0.0007	0.00173	0.00435
2072 Jun	0.000211	0.00309	0.021	0.0000205	17.8	17.7	0.105	0.00445	96.6	0.0128	0.00968	0.0000485	0.00139	0.000736	0.302	0.00000163	0.00575	0.0007	0.00173	0.00435
2072 Jul	0.000212	0.0031	0.0211	0.0000206	17.8	17.8	0.106	0.00447	96.9	0.0129	0.00971	0.0000486	0.0014	0.000739	0.303	0.00000163	0.00578	0.000704	0.00174	0.00437
2072 Aug	0.000212	0.0031	0.0211	0.0000206	17.9	17.8	0.106	0.00448	96.9	0.0129	0.00972	0.0000485	0.0014	0.000741	0.304	0.00000163	0.00579	0.000705	0.00174	0.00438
2072 Sep	0.000212	0.0031	0.0211	0.0000206	17.9	17.8	0.106	0.00448	96.7	0.0129	0.00972	0.0000484	0.0014	0.000741	0.304	0.00000163	0.0058	0.000705	0.00174	0.00438
2072 Oct	0.000212	0.0031	0.021	0.0000206	17.8	17.8	0.106	0.00447	96.3	0.0129	0.00969	0.0000481	0.0014	0.000739	0.303	0.00000162	0.00578	0.000703	0.00173	0.00437
2072 Nov	0.000212	0.00309	0.021	0.0000206	17.8	17.8	0.106	0.00447	96.3	0.0129	0.00969	0.0000481	0.0014	0.000739	0.303	0.00000162	0.00578	0.000703	0.00173	0.00437
2072 Dec	0.000212	0.00309	0.021	0.0000206	17.8	17.8	0.106	0.00447	96.3	0.0129	0.00969	0.0000481	0.0014	0.000739	0.303	0.00000162	0.00578	0.000703	0.00173	0.00437
2073 Jan	0.000212	0.00309	0.021	0.0000206	17.8	17.8	0.106	0.00447	96.3	0.0129	0.00969	0.0000481	0.0014	0.000739	0.303	0.00000162	0.00578	0.000703	0.00173	0.00437
2073 Feb	0.000212	0.00309	0.021	0.0000206	17.8	17.8	0.106	0.00447	96.3	0.0129	0.00969	0.0000481	0.0014	0.000739	0.303	0.00000162	0.00578	0.000703	0.00173	0.00437
2073 Mar	0.000212	0.00309	0.021	0.0000206	17.8	17.8	0.106	0.00447	96.3	0.0129	0.00969	0.0000481	0.0014	0.000739	0.303	0.00000162	0.00578	0.000703	0.00173	0.00437
2073 Apr	0.000212	0.0031	0.021	0.0000206	17.9	17.8	0.106	0.00448	96.4	0.0129	0.0097	0.0000481	0.0014	0.00074	0.303	0.00000162	0.00579	0.000704	0.00173	0.00438
2073 May	0.000212	0.0031	0.0211	0.0000206	17.9	17.8	0.106	0.00448	96.5	0.0129	0.0097	0.0000484	0.0014	0.000741	0.304	0.00000162	0.00579	0.000705	0.00174	0.00438
2073 Jun	0.000212	0.00309	0.0211	0.0000206	17.8	17.8	0.106	0.00447	95.9	0.0129	0.00967	0.0000486	0.0014	0.000739	0.303	0.00000161	0.00578	0.000703	0.00173	0.00437
2073 Jul	0.000213	0.00311	0.0211	0.0000207	17.9	17.9	0.106	0.00449	96.3	0.0129	0.00972	0.0000487	0.00141	0.000743	0.305	0.00000162	0.00581	0.000707	0.00174	0.0044
2073 Aug	0.000214	0.00313	0.0212	0.0000208	18	18	0.107	0.00452	96.8	0.013	0.00977	0.0000489	0.00141	0.000748	0.306	0.00000162	0.00585	0.000712	0.00175	0.00442
2073 Sep	0.000214	0.00313	0.0212	0.0000208	18.1	18	0.107	0.00453	96.7	0.013	0.00977	0.0000488	0.00142	0.000748	0.307	0.00000162	0.00586	0.000712	0.00175	0.00443
2073 Oct	0.000213	0.00312	0.0212	0.0000208	18	18	0.107	0.00452	96.4	0.013	0.00975	0.0000486	0.00141	0.000747	0.306	0.00000162	0.00585	0.000711	0.00174	0.00442
2073 Nov	0.000213	0.00312	0.0212	0.0000208	18	18	0.107	0.00452	96.4	0.013	0.00974	0.0000486	0.00141	0.000747	0.306	0.00000161	0.00584	0.000711	0.00174	0.00442
2073 Dec	0.000213	0.00312	0.0212	0.0000208	18	18	0.107	0.00452	96.4	0.013	0.00974	0.0000486	0.00141	0.000747	0.306	0.00000161	0.00585	0.000711	0.00174	0.00442
2074 Jan	0.000213	0.00312	0.0212	0.0000208	18	18	0.107	0.00452	96.4	0.013	0.00974	0.0000486	0.00141	0.000747	0.306	0.00000161	0.00585	0.000711	0.00174	0.00442
2074 Feb	0.000213	0.00312	0.0212	0.0000208	18	18	0.107	0.00452	96.4	0.013	0.00974	0.0000486	0.00141	0.000747	0.306	0.00000161	0.00585	0.000711	0.00174	0.00442
2074 Mar	0.000213	0.00312	0.0212	0.0000208	18	18	0.107	0.00452	96.4	0.013	0.00975	0.0000486	0.00141	0.000747	0.306	0.00000162	0.00585	0.000711	0.00174	0.00442
2074 Apr	0.000213	0.00312	0.0212	0.0000208	18	18	0.107	0.00452	96.5	0.013	0.00975	0.0000487	0.00141	0.000748	0.306	0.00000162	0.00585	0.000711	0.00174	0.00442
2074 May	0.000214	0.00313	0.0213	0.0000208	18.1	18	0.107	0.00453	96.5	0.013	0.00976	0.000049	0.00142	0.000748	0.307	0.00000162	0.00586	0.000712	0.00175	0.00443
2074 Jun	0.000213	0.00311	0.0212	0.0000207	18	17.9	0.107	0.0045	95.5	0.013	0.00969	0.000049	0.00141	0.000744	0.305	0.0000016	0.00583	0.000709	0.00173	0.0044
2074 Jul	0.000214	0.00313	0.0213	0.0000209	18.1	18.1	0.107	0.00454	96.2	0.0131	0.00976	0.0000493	0.00142	0.00075	0.307	0.00000161	0.00587	0.000714	0.00175	0.00444
2074 Aug	0.000216	0.00315	0.0215	0.0000211	18.2	18.2	0.108	0.00458	96.9	0.0132	0.00984	0.0000497	0.00143	0.000756	0.31	0.00000162	0.00592	0.00072	0.00176	0.00448
2074 Sep	0.000216	0.00315	0.0214	0.0000211	18.2	18.2	0.108	0.00458	96.7	0.0132	0.00983	0.0000495	0.00143	0.000756	0.31	0.00000161	0.00592	0.00072	0.00176	0.00448
2074 Oct	0.000215	0.00315	0.0214	0.0000211	18.2	18.2	0.108	0.00457	96.6	0.0132	0.00982	0.0000494	0.00143	0.000756	0.31	0.00000161	0.00592	0.000719	0.00176	0.00447
2074 Nov	0.000215	0.00315	0.0214	0.0000211	18.2	18.2	0.108	0.00457	96.6	0.0132	0.00982	0.0000494	0.00143	0.000756	0.31	0.00000161	0.00592	0.00072	0.00176	0.00447
2074 Dec	0.000215	0.00315	0.0214	0.0000211	18.2	18.2	0.108	0.00458	96.6	0.0132	0.00982	0.0000494	0.00143	0.000756	0.31	0.00000161	0.00592	0.00072	0.00176	0.00448
2075 Jan	0.000215	0.00315	0.0214	0.0000211	18.2	18.2	0.108	0.00458	96.6	0.0132	0.00982	0.0000494	0.00143	0.000756	0.31	0.00000161	0.00592	0.00072	0.00176	0.00448
2075 Feb	0.000215	0.00315	0.0214	0.0000211	18.2	18.2	0.108	0.00458	96.6	0.0132	0.00982	0.0000494	0.00143	0.000756	0.31	0.00000161	0.00592	0.00072	0.00176	0.00448
2075 Mar	0.000215	0.00315	0.0214	0.0000211	18.2	18.2	0.108	0.00458	96.6	0.0132	0.00982	0.0000494	0.00143	0.000756	0.31	0.00000161	0.00592	0.00072	0.00176	0.00448
2075 Apr	0.000216	0.00315	0.0214	0.0000211	18.3	18.2	0.108	0.00458	96.7	0.0132	0.00983	0.0000495	0.00143	0.000757	0.31	0.00000161	0.00592	0.00072	0.00176	0.00448
2075 May	0.000216	0.00316	0.0215	0.0000211	18.3	18.2	0.109	0.00459	96.9	0.0132	0.00985	0.0000496	0.00144	0.000758	0.311	0.00000162	0.00594	0.000722	0.00176	0.00449
2075 Jun	0.000215	0.00315	0.0214	0.0000211	18.2	18.2	0.108	0.00457	96.2	0.0132	0.0098	0.0000492	0.00143	0.000755	0.309	0.0000016	0.00592	0.000719	0.00175	0.00447
2075 Jul	0.000215	0.00316	0.0214	0.0000211	18.3	18.2	0.109	0.00459	96.3	0.0132	0.00983	0.0000493	0.00144	0.000758	0.31	0.0000016	0.00594	0.000722	0.00176	0.00449
2075 Aug	0.000216	0.00317	0.0215	0.0000212	18.4	18.3	0.109	0.00461	96.7	0.0133	0.00987	0.0000494	0.00144	0.000762	0.312	0.00000161	0.00597	0.000725	0.00176	0.00451
2075 Sep	0.000217	0.00318	0.0215	0.0000213	18.4	18.4	0.109	0.00462	96.9	0.0133	0.00989	0.0000495	0.00145	0.000764	0.313	0.00000161	0.00598	0.000727	0.00177	0.00452
2075 Oct	0.000217	0.00318	0.0215	0.0000213	18.4	18.4	0.109	0.00462	96.8	0.0133	0.00989	0.0000494	0.00145	0.000764	0.313	0.00000161	0.00598	0.000727	0.00177	0.00452

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2075 Nov	0.000217	0.00318	0.0215	0.0000213	18.4	18.4	0.109	0.00463	96.8	0.0133	0.00989	0.0000494	0.00145	0.000764	0.313	0.00000161	0.00599	0.000727	0.00177	0.00453
2075 Dec	0.000217	0.00318	0.0215	0.0000213	18.4	18.4	0.109	0.00463	96.8	0.0133	0.00989	0.0000494	0.00145	0.000764	0.313	0.00000161	0.00599	0.000727	0.00177	0.00453
2076 Jan	0.000217	0.00318	0.0215	0.0000213	18.4	18.4	0.109	0.00463	96.8	0.0133	0.00989	0.0000494	0.00145	0.000764	0.313	0.00000161	0.00599	0.000727	0.00177	0.00453
2076 Feb	0.000217	0.00318	0.0215	0.0000213	18.4	18.4	0.109	0.00463	96.9	0.0133	0.00989	0.0000494	0.00145	0.000764	0.313	0.00000161	0.00599	0.000727	0.00177	0.00453
2076 Mar	0.000217	0.00318	0.0215	0.0000213	18.4	18.4	0.109	0.00463	96.9	0.0133	0.0099	0.0000494	0.00145	0.000765	0.313	0.00000161	0.00599	0.000727	0.00177	0.00453
2076 Apr	0.000217	0.00318	0.0215	0.0000213	18.5	18.4	0.109	0.00463	96.9	0.0133	0.0099	0.0000495	0.00145	0.000765	0.313	0.00000161	0.00599	0.000728	0.00177	0.00453
2076 May	0.000218	0.00319	0.0216	0.0000214	18.5	18.4	0.11	0.00464	97	0.0133	0.00992	0.0000497	0.00145	0.000766	0.314	0.00000161	0.006	0.000729	0.00177	0.00454
2076 Jun	0.000217	0.00317	0.0216	0.0000213	18.4	18.4	0.109	0.00462	96.3	0.0133	0.00986	0.0000498	0.00144	0.000763	0.312	0.0000016	0.00598	0.000726	0.00176	0.00452
2076 Jul	0.000218	0.00319	0.0216	0.0000214	18.5	18.5	0.11	0.00464	96.6	0.0134	0.00991	0.0000499	0.00145	0.000767	0.314	0.0000016	0.00601	0.00073	0.00177	0.00454
2076 Aug	0.000219	0.00321	0.0218	0.0000215	18.6	18.6	0.111	0.00468	97.2	0.0135	0.00997	0.0000502	0.00146	0.000772	0.316	0.00000161	0.00605	0.000735	0.00178	0.00457
2076 Sep	0.000219	0.00322	0.0218	0.0000216	18.7	18.6	0.111	0.00469	97.4	0.0135	0.00999	0.0000503	0.00147	0.000774	0.317	0.00000162	0.00607	0.000737	0.00179	0.00459
2076 Oct	0.000219	0.00321	0.0218	0.0000216	18.7	18.6	0.111	0.00468	97.2	0.0135	0.00997	0.0000501	0.00146	0.000773	0.317	0.00000161	0.00606	0.000736	0.00178	0.00458
2076 Nov	0.000219	0.00321	0.0217	0.0000216	18.7	18.6	0.111	0.00468	97.1	0.0135	0.00997	0.0000501	0.00146	0.000773	0.317	0.00000161	0.00606	0.000736	0.00178	0.00458
2076 Dec	0.000219	0.00321	0.0217	0.0000216	18.7	18.6	0.111	0.00468	97.1	0.0135	0.00997	0.0000501	0.00146	0.000773	0.317	0.00000161	0.00606	0.000736	0.00178	0.00458
2077 Jan	0.000219	0.00321	0.0217	0.0000216	18.7	18.6	0.111	0.00468	97.1	0.0135	0.00997	0.0000501	0.00146	0.000773	0.317	0.00000161	0.00606	0.000736	0.00178	0.00458
2077 Feb	0.000219	0.00321	0.0217	0.0000216	18.7	18.6	0.111	0.00468	97.1	0.0135	0.00997	0.0000501	0.00146	0.000773	0.317	0.00000161	0.00606	0.000736	0.00178	0.00458
2077 Mar	0.000219	0.00321	0.0217	0.0000216	18.7	18.6	0.111	0.00468	97.2	0.0135	0.00997	0.0000501	0.00146	0.000773	0.317	0.00000161	0.00606	0.000736	0.00178	0.00458
2077 Apr	0.000219	0.00321	0.0218	0.0000216	18.7	18.6	0.111	0.00468	97.2	0.0135	0.00998	0.0000501	0.00147	0.000774	0.317	0.00000161	0.00606	0.000736	0.00178	0.00458
2077 May	0.000219	0.00322	0.0218	0.0000216	18.7	18.6	0.111	0.00469	97.3	0.0135	0.00999	0.0000503	0.00147	0.000775	0.317	0.00000161	0.00607	0.000737	0.00179	0.00459
2077 Jun	0.000218	0.0032	0.0217	0.0000215	18.6	18.6	0.111	0.00467	96.5	0.0134	0.00993	0.0000503	0.00146	0.000771	0.316	0.0000016	0.00604	0.000735	0.00178	0.00457
2077 Jul	0.00022	0.00322	0.0219	0.0000217	18.7	18.7	0.111	0.00471	97.2	0.0135	0.01	0.0000506	0.00147	0.000777	0.318	0.00000161	0.00609	0.00074	0.00179	0.0046
2077 Aug	0.000221	0.00325	0.022	0.0000218	18.9	18.8	0.112	0.00474	97.8	0.0136	0.0101	0.0000509	0.00148	0.000783	0.32	0.00000162	0.00613	0.000745	0.0018	0.00464
2077 Sep	0.000221	0.00324	0.0219	0.0000218	18.8	18.8	0.112	0.00473	97.4	0.0136	0.01	0.0000506	0.00148	0.000781	0.32	0.00000161	0.00612	0.000744	0.00179	0.00463
2077 Oct	0.000221	0.00324	0.0219	0.0000218	18.8	18.8	0.112	0.00473	97.3	0.0136	0.01	0.0000506	0.00148	0.000781	0.32	0.00000161	0.00612	0.000744	0.00179	0.00463
2077 Nov	0.000221	0.00324	0.0219	0.0000218	18.9	18.8	0.112	0.00473	97.4	0.0136	0.01	0.0000506	0.00148	0.000781	0.32	0.00000161	0.00613	0.000744	0.00179	0.00463
2077 Dec	0.000221	0.00324	0.0219	0.0000218	18.9	18.8	0.112	0.00473	97.4	0.0136	0.01	0.0000506	0.00148	0.000781	0.32	0.00000161	0.00613	0.000744	0.00179	0.00463
2078 Jan	0.000221	0.00324	0.0219	0.0000218	18.9	18.8	0.112	0.00473	97.4	0.0136	0.01	0.0000506	0.00148	0.000781	0.32	0.00000161	0.00613	0.000744	0.00179	0.00463
2078 Feb	0.000221	0.00324	0.0219	0.0000218	18.9	18.8	0.112	0.00473	97.4	0.0136	0.01	0.0000506	0.00148	0.000782	0.32	0.00000161	0.00613	0.000744	0.00179	0.00463
2078 Mar	0.000221	0.00324	0.0219	0.0000218	18.9	18.8	0.112	0.00473	97.4	0.0136	0.01	0.0000506	0.00148	0.000782	0.32	0.00000161	0.00613	0.000744	0.00179	0.00463
2078 Apr	0.000221	0.00324	0.022	0.0000218	18.9	18.8	0.112	0.00474	97.5	0.0136	0.0101	0.0000506	0.00148	0.000782	0.32	0.00000161	0.00613	0.000745	0.0018	0.00464
2078 May	0.000221	0.00324	0.022	0.0000218	18.9	18.8	0.112	0.00474	97.3	0.0136	0.0101	0.000051	0.00148	0.000782	0.32	0.00000161	0.00613	0.000745	0.0018	0.00464
2078 Jun	0.00022	0.00322	0.0219	0.0000217	18.8	18.7	0.112	0.00471	96.5	0.0136	0.00999	0.000051	0.00147	0.000778	0.319	0.00000159	0.0061	0.000742	0.00178	0.00461
2078 Jul	0.000222	0.00325	0.0221	0.0000219	18.9	18.9	0.112	0.00475	97.2	0.0137	0.0101	0.0000513	0.00149	0.000784	0.321	0.0000016	0.00615	0.000747	0.0018	0.00465
2078 Aug	0.000223	0.00326	0.0222	0.000022	19	19	0.113	0.00478	97.5	0.0137	0.0101	0.0000514	0.00149	0.000788	0.323	0.00000161	0.00618	0.000751	0.0018	0.00467
2078 Sep	0.000223	0.00327	0.0222	0.000022	19.1	19	0.113	0.00479	97.7	0.0138	0.0101	0.0000515	0.0015	0.00079	0.323	0.00000161	0.0062	0.000753	0.00181	0.00469
2078 Oct	0.000223	0.00327	0.0222	0.000022	19.1	19	0.113	0.00479	97.6	0.0138	0.0101	0.0000514	0.0015	0.00079	0.323	0.00000161	0.0062	0.000753	0.00181	0.00469
2078 Nov	0.000223	0.00327	0.0222	0.000022	19.1	19	0.113	0.00479	97.6	0.0138	0.0101	0.0000514	0.0015	0.00079	0.323	0.00000161	0.0062	0.000753	0.00181	0.00469
2078 Dec	0.000223	0.00327	0.0222	0.000022	19.1	19	0.113	0.00479	97.6	0.0138	0.0101	0.0000514	0.0015	0.00079	0.323	0.00000161	0.0062	0.000753	0.00181	0.00469
2079 Jan	0.000223	0.00327	0.0222	0.000022	19.1	19	0.113	0.00479	97.6	0.0138	0.0101	0.0000514	0.0015	0.00079	0.323	0.00000161	0.0062	0.000753	0.00181	0.00469
2079 Feb	0.000223	0.00327	0.0222	0.000022	19.1	19	0.113	0.00479	97.6	0.0138	0.0101	0.0000514	0.0015	0.00079	0.323	0.00000161	0.0062	0.000753	0.00181	0.00469
2079 Mar	0.000223	0.00327	0.0222	0.000022	19.1	19	0.113	0.00479	97.6	0.0138	0.0101	0.0000514	0.0015	0.00079	0.323	0.00000161	0.0062	0.000753	0.00181	0.00469
2079 Apr	0.000223	0.00327	0.0222	0.0000221	19.1	19	0.113	0.00479	97.7	0.0138	0.0101	0.0000514	0.0015	0.000791	0.324	0.00000161	0.0062	0.000753	0.00181	0.00469
2079 May	0.000224	0.00328	0.0223	0.0000221	19.1	19.1	0.114	0.0048	97.9	0.0138	0.0101	0.0000516	0.0015	0.000793	0.324	0.00000161	0.00622	0.000755	0.00181	0.0047
2079 Jun	0.000222	0.00326	0.0221	0.000022	19	19	0.113	0.00478	97	0.0137	0.0101	0.0000513	0.00149	0.000788	0.323	0.00000159	0.00618	0.000751	0.0018	0.00468
2079 Jul	0.000223	0.00327	0.0222	0.0000221	19.1	19	0.114	0.00479	97.2	0.0138	0.0101	0.0000514	0.0015	0.000791	0.324	0.0000016	0.00621	0.000754	0.00181	0.00469
2079 Aug	0.000224	0.00329	0.0223	0.0000222	19.2	19.2	0.114	0.00483	97.7	0.0139	0.0102	0.0000516	0.00151	0.000796	0.326	0.0000016	0.00625	0.000759	0.00182	0.00472
2079 Sep	0.000224	0.00329	0.0223	0.0000222	19.2	19.2	0.114	0.00483	97.7	0.0139	0.0102	0.0000515	0.00151	0.000797	0.326	0.0000016	0.00625	0.000759	0.00182	0.00473
2079 Oct	0.000224	0.00329	0.0223	0.0000222	19.2	19.2	0.114	0.00483	97.5	0.0139	0.0102	0.0000514	0.00151	0.000796	0.326	0.0000016	0.00625	0.000758	0.00181	0.00472
2079 Nov	0.000224	0.00329	0.0222	0.0000222	19.2	19.2	0.114	0.00482	97.5	0.0139	0.0102	0.0000514	0.00151	0.000796	0.326	0.0000016	0.00625	0.000758	0.00181	0.00472
2079 Dec	0.000224	0.00329	0.0222	0.0000222	19.2	19.1	0.114	0.00482	97.4	0.0139	0.0102	0.0000514	0.00151	0.000796	0.326	0.0000016	0.00624	0.000758	0.00181	0.00472
2080 Jan	0.000224	0.00329	0.0222	0.0000222	19.2	19.1	0.114	0.00482	97.4	0.0139	0.0102	0.0000514	0.00151	0.000796	0.326	0.0000016	0.00624	0.000758	0.00181	0.00472
2080 Feb	0.000224	0.00329	0.0222	0.0000222	19.2	19.1	0.114	0.00482	97.4	0.0139	0.0102	0.0000514	0.00151	0.000796	0.326	0.0000016	0.00624	0.000758	0.00181	0.00472
2080 Mar	0.000224	0.00329	0.0222	0.0000222	19.2	19.2	0.114	0.00482	97.4	0.0139	0.0102	0.0000514	0.00151	0.000796	0.326	0.0000016	0.00624	0.000758	0.00181	0.00472
2080 Apr	0.000224	0.00329	0.0222	0.0000222	19.2	19.2	0.114	0.00483	97.5	0.0139	0.0102	0.0000514	0.00151	0.000796	0.326	0.0000016	0.00625	0.000758	0.00181	0.00472
2080 May	0.000224	0.0033	0.0223	0.0000223	19.3	19.2	0.114	0.00484	97.7	0.0139	0.0102	0.0000515	0.00151	0.000798	0.326	0.0000016	0.00626	0.00076	0.00182	0.00473
2080 Jun	0.000224	0.00329	0.0223	0.0000222	19.2	19.2	0.114	0.00483	97.4	0.0139	0.0102	0.0000513	0.00151	0.000797	0.326	0.0000016	0.00625	0.000759	0.00181	0.00473
2080 Jul	0.000224	0.0033	0.0223	0.0000223	19.3	19.2	0.115	0.00484	97.4	0.0139	0.0102	0.0000513	0.00152	0.000799	0.327	0.0000016	0.00627	0.000761	0.00182	0.00474
2080 Aug	0.000225	0.00331	0.0223	0.0000224	19.4	19.3	0.115	0.00487	97.8	0.014	0.0102	0.0000514	0.00152	0.000803	0.328	0.0000016	0.0063	0.000765	0.00183	0.00477
2080 Sep	0.000225	0.00331	0.0223	0.0000224	19.4	19.3	0.115	0.00487	97.7	0.014	0.0102	0.0000513	0.00152	0.000804	0.329	0.0000016	0.00631	0.000765	0.00183	0.00477
2080 Oct	0.000225	0.00331	0.0223	0.0000224	19.4	19.3	0.115	0.00487	97.6	0.014	0.0102	0.0000513	0.00152	0.000803	0.328	0.0000016	0.00631	0.000765	0.00182	0.00477
2080 Nov	0.000225	0.00331	0.0223	0.0000224	19.4	19.3	0.115	0.00487	97.5	0.014	0.0102	0.0000512	0.00152	0.000803	0.328	0.00000159	0.0063	0.000764	0.00182	0.00477
2080 Dec	0.000225	0.00331	0.0223	0.0000224	19.4	19.3	0.115	0.00487	97.5	0.014	0.0102	0.0000512	0.00152	0.000803	0.328	0.00000159	0.0063	0.000764	0.00182	0.00477
2081 Jan	0.000225	0.00331	0.0223	0.0000224	19.4	19.3	0.115	0.00487	97.6	0.014	0.0102	0.0000512	0.00152	0.000803	0.328	0.00000159	0.0063	0.000764	0.00182	0.00477
2081 Feb	0.000225	0.00331	0.0223	0.0000224	19.4	19.3	0.115	0.00487	97.6	0.014	0.0102	0.0000512	0.00152	0.000803	0.328	0.00000159	0.0063	0.000764	0.00182	0.00477
2081 Mar	0.000225	0.00331	0.0223	0.0000224	19.4	19.3	0.115	0.00487	97.6	0.014	0.0102	0.0000512	0.00152	0.000803	0.328	0.00000159	0.0063	0.000764	0.00182	0.00477
2081 Apr	0.000225	0.00331	0.0223	0.0000224	19.4	19.3	0.115	0.00487	97.6	0.014	0.0102	0.0000512	0.00152	0.000804	0.329	0.0000016	0.00631	0.000765	0.00182	0.00477
2081 May	0.000225	0.00332	0.0224	0.0000225	19.4	19.4	0.115	0.00488	97.7	0.014	0.0102	0.0000516	0.00153	0.000804	0.329	0.0000016	0.00632	0.000766	0.00183	0.00478
2081 Jun	0.000225	0.00331	0.0224	0.0000224	19.4	19.3	0.115	0.00487	97.2	0.014	0.0102	0.0000516	0.00152	0.000803	0.328	0.00000159	0.0063	0.000765	0.00182	0.00477
2081 Jul	0.000227	0.00334	0.0225	0.0000226	19.5	19.5	0.116	0.00491	98	0.0141	0.0103	0.000052	0.00154	0.000809	0.331	0.0000016	0.00636	0.000771	0.00184	0.00481
2081 Aug	0.000229	0.00336	0.0227	0.0000228	19.7	19.6	0.117	0.00495	98.7	0.0142	0.0104	0.0000524	0.00155	0.000816	0.334	0.00000161	0.00641	0.000777	0.00185	0.00484
2081 Sep	0.000229	0.00337	0.0227	0.0000228	19.7	19.7	0.117	0.00496	98.8	0.0143	0.0104	0.0000523	0.00155	0.000817	0.334	0.00000161	0.00642	0.000778	0.00185	0.00485

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2081 Oct	0.000229	0.00337	0.0227	0.0000228	19.7	19.7	0.117	0.00496	98.7	0.0143	0.0104	0.0000523	0.00155	0.000818	0.334	0.00000161	0.00642	0.000779	0.00185	0.00486
2081 Nov	0.000229	0.00336	0.0227	0.0000228	19.7	19.7	0.117	0.00496	98.6	0.0142	0.0104	0.0000522	0.00155	0.000817	0.334	0.00000161	0.00642	0.000778	0.00185	0.00485
2081 Dec	0.000229	0.00336	0.0227	0.0000228	19.7	19.7	0.117	0.00496	98.6	0.0142	0.0104	0.0000522	0.00155	0.000817	0.334	0.00000161	0.00642	0.000778	0.00185	0.00485
2082 Jan	0.000229	0.00336	0.0227	0.0000228	19.7	19.7	0.117	0.00496	98.6	0.0142	0.0104	0.0000522	0.00155	0.000817	0.334	0.00000161	0.00642	0.000778	0.00185	0.00485
2082 Feb	0.000229	0.00336	0.0227	0.0000228	19.7	19.7	0.117	0.00496	98.6	0.0142	0.0104	0.0000522	0.00155	0.000817	0.334	0.00000161	0.00642	0.000778	0.00185	0.00485
2082 Mar	0.000229	0.00336	0.0227	0.0000228	19.7	19.7	0.117	0.00496	98.6	0.0142	0.0104	0.0000522	0.00155	0.000817	0.334	0.00000161	0.00642	0.000778	0.00185	0.00485
2082 Apr	0.000229	0.00337	0.0227	0.0000228	19.7	19.7	0.117	0.00496	98.7	0.0143	0.0104	0.0000523	0.00155	0.000817	0.334	0.00000161	0.00642	0.000778	0.00185	0.00485
2082 May	0.000229	0.00337	0.0227	0.0000229	19.8	19.7	0.118	0.00497	98.9	0.0143	0.0104	0.0000524	0.00155	0.000819	0.335	0.00000161	0.00643	0.00078	0.00185	0.00486
2082 Jun	0.000228	0.00335	0.0226	0.0000228	19.7	19.6	0.117	0.00494	98.1	0.0142	0.0103	0.0000519	0.00155	0.000815	0.333	0.0000016	0.0064	0.000776	0.00184	0.00484
2082 Jul	0.000228	0.00336	0.0226	0.0000228	19.7	19.6	0.117	0.00495	97.9	0.0142	0.0103	0.0000518	0.00155	0.000816	0.333	0.00000159	0.00641	0.000777	0.00184	0.00485
2082 Aug	0.000229	0.00338	0.0227	0.0000229	19.8	19.7	0.118	0.00498	98.5	0.0143	0.0104	0.000052	0.00156	0.000821	0.335	0.0000016	0.00645	0.000782	0.00185	0.00488
2082 Sep	0.00023	0.00338	0.0227	0.000023	19.9	19.8	0.118	0.00499	98.6	0.0144	0.0104	0.0000521	0.00156	0.000823	0.336	0.0000016	0.00646	0.000783	0.00186	0.00489
2082 Oct	0.000229	0.00337	0.0226	0.0000229	19.8	19.7	0.118	0.00498	98.2	0.0143	0.0104	0.0000518	0.00156	0.000821	0.335	0.0000016	0.00645	0.000781	0.00185	0.00488
2082 Nov	0.000229	0.00337	0.0226	0.0000229	19.8	19.8	0.118	0.00498	98.3	0.0143	0.0104	0.0000518	0.00156	0.000821	0.335	0.0000016	0.00645	0.000781	0.00185	0.00488
2082 Dec	0.000229	0.00337	0.0226	0.0000229	19.8	19.8	0.118	0.00498	98.3	0.0143	0.0104	0.0000518	0.00156	0.000821	0.335	0.0000016	0.00645	0.000781	0.00185	0.00488
2083 Jan	0.000229	0.00337	0.0226	0.0000229	19.8	19.8	0.118	0.00498	98.3	0.0143	0.0104	0.0000518	0.00156	0.000821	0.335	0.0000016	0.00645	0.000781	0.00185	0.00488
2083 Feb	0.000229	0.00338	0.0226	0.0000229	19.8	19.8	0.118	0.00498	98.3	0.0143	0.0104	0.0000518	0.00156	0.000821	0.336	0.0000016	0.00645	0.000782	0.00185	0.00488
2083 Mar	0.000229	0.00338	0.0227	0.0000229	19.8	19.8	0.118	0.00498	98.3	0.0143	0.0104	0.0000518	0.00156	0.000821	0.336	0.0000016	0.00645	0.000782	0.00185	0.00488
2083 Apr	0.000229	0.00338	0.0227	0.000023	19.8	19.8	0.118	0.00499	98.4	0.0143	0.0104	0.0000519	0.00156	0.000822	0.336	0.0000016	0.00646	0.000782	0.00185	0.00488
2083 May	0.000229	0.00338	0.0227	0.000023	19.9	19.8	0.118	0.00499	98.5	0.0144	0.0104	0.0000522	0.00156	0.000823	0.336	0.0000016	0.00647	0.000784	0.00186	0.00489
2083 Jun	0.000228	0.00336	0.0227	0.0000229	19.8	19.7	0.118	0.00497	97.6	0.0143	0.0103	0.0000522	0.00155	0.000819	0.335	0.00000158	0.00643	0.00078	0.00184	0.00486
2083 Jul	0.000229	0.00338	0.0228	0.000023	19.9	19.8	0.118	0.00499	98	0.0144	0.0104	0.0000524	0.00156	0.000823	0.336	0.00000159	0.00647	0.000784	0.00185	0.00489
2083 Aug	0.00023	0.00339	0.0228	0.0000231	19.9	19.9	0.119	0.00502	98.3	0.0144	0.0104	0.0000525	0.00157	0.000826	0.338	0.00000159	0.0065	0.000787	0.00186	0.00491
2083 Sep	0.00023	0.00339	0.0228	0.0000231	20	19.9	0.119	0.00502	98.2	0.0144	0.0104	0.0000524	0.00157	0.000827	0.338	0.00000159	0.0065	0.000787	0.00186	0.00491
2083 Oct	0.000229	0.00338	0.0227	0.000023	19.9	19.8	0.118	0.005	97.8	0.0144	0.0104	0.0000521	0.00157	0.000825	0.337	0.00000158	0.00648	0.000785	0.00185	0.0049
2083 Nov	0.000229	0.00338	0.0227	0.000023	19.9	19.8	0.118	0.005	97.7	0.0144	0.0104	0.0000521	0.00156	0.000824	0.337	0.00000158	0.00648	0.000785	0.00185	0.0049
2083 Dec	0.000229	0.00338	0.0227	0.000023	19.9	19.8	0.118	0.005	97.7	0.0144	0.0104	0.0000521	0.00157	0.000824	0.337	0.00000158	0.00648	0.000785	0.00185	0.0049
2084 Jan	0.000229	0.00338	0.0227	0.000023	19.9	19.8	0.118	0.005	97.7	0.0144	0.0104	0.0000521	0.00157	0.000824	0.337	0.00000158	0.00648	0.000785	0.00185	0.0049
2084 Feb	0.000229	0.00338	0.0227	0.000023	19.9	19.8	0.118	0.005	97.7	0.0144	0.0104	0.0000521	0.00157	0.000824	0.337	0.00000158	0.00648	0.000785	0.00185	0.0049
2084 Mar	0.000229	0.00338	0.0227	0.000023	19.9	19.8	0.118	0.005	97.8	0.0144	0.0104	0.0000521	0.00157	0.000824	0.337	0.00000158	0.00648	0.000785	0.00185	0.0049
2084 Apr	0.000229	0.00338	0.0227	0.0000231	19.9	19.8	0.119	0.00501	97.8	0.0144	0.0104	0.0000521	0.00157	0.000825	0.337	0.00000158	0.00649	0.000785	0.00185	0.0049
2084 May	0.00023	0.00339	0.0228	0.0000231	19.9	19.9	0.119	0.00501	97.9	0.0144	0.0104	0.0000525	0.00157	0.000826	0.338	0.00000158	0.00649	0.000787	0.00186	0.00491
2084 Jun	0.000229	0.00337	0.0227	0.000023	19.8	19.8	0.118	0.00499	97.1	0.0143	0.0103	0.0000524	0.00156	0.000822	0.336	0.00000157	0.00646	0.000783	0.00184	0.00489
2084 Jul	0.00023	0.00339	0.0228	0.0000231	20	19.9	0.119	0.00502	97.6	0.0144	0.0104	0.0000526	0.00157	0.000827	0.338	0.00000158	0.0065	0.000788	0.00185	0.00492
2084 Aug	0.000231	0.00341	0.0229	0.0000232	20.1	20	0.12	0.00505	98.1	0.0145	0.0104	0.0000528	0.00158	0.000832	0.34	0.00000158	0.00654	0.000792	0.00186	0.00494
2084 Sep	0.000231	0.00341	0.0229	0.0000233	20.1	20	0.12	0.00505	98	0.0145	0.0104	0.0000528	0.00158	0.000832	0.34	0.00000158	0.00654	0.000793	0.00186	0.00495
2084 Oct	0.000231	0.0034	0.0229	0.0000232	20.1	20	0.119	0.00505	97.8	0.0145	0.0104	0.0000526	0.00158	0.000831	0.339	0.00000158	0.00654	0.000791	0.00186	0.00494
2084 Nov	0.000231	0.0034	0.0229	0.0000232	20	20	0.119	0.00504	97.7	0.0145	0.0104	0.0000525	0.00158	0.000831	0.339	0.00000157	0.00653	0.000791	0.00186	0.00494
2084 Dec	0.000231	0.0034	0.0229	0.0000232	20	20	0.119	0.00504	97.7	0.0145	0.0104	0.0000526	0.00158	0.000831	0.339	0.00000157	0.00653	0.000791	0.00186	0.00494
2085 Jan	0.000231	0.0034	0.0229	0.0000232	20	20	0.119	0.00504	97.7	0.0145	0.0104	0.0000526	0.00158	0.000831	0.339	0.00000157	0.00653	0.000791	0.00186	0.00494
2085 Feb	0.000231	0.0034	0.0229	0.0000232	20.1	20	0.119	0.00504	97.7	0.0145	0.0104	0.0000526	0.00158	0.000831	0.339	0.00000157	0.00653	0.000791	0.00186	0.00494
2085 Mar	0.000231	0.0034	0.0229	0.0000232	20.1	20	0.119	0.00504	97.7	0.0145	0.0104	0.0000526	0.00158	0.000831	0.339	0.00000157	0.00653	0.000791	0.00186	0.00494
2085 Apr	0.000231	0.0034	0.0229	0.0000232	20.1	20	0.119	0.00505	97.8	0.0145	0.0104	0.0000526	0.00158	0.000831	0.339	0.00000158	0.00654	0.000792	0.00186	0.00494
2085 May	0.000231	0.00341	0.0229	0.0000233	20.1	20	0.12	0.00505	97.8	0.0145	0.0104	0.0000529	0.00158	0.000832	0.34	0.00000158	0.00654	0.000793	0.00186	0.00495
2085 Jun	0.000231	0.00341	0.023	0.0000233	20.1	20	0.12	0.00505	97.6	0.0145	0.0104	0.000053	0.00158	0.000832	0.34	0.00000157	0.00654	0.000793	0.00186	0.00495
2085 Jul	0.000233	0.00343	0.0231	0.0000234	20.2	20.2	0.12	0.00509	98.2	0.0146	0.0105	0.0000533	0.00159	0.000838	0.342	0.00000158	0.00659	0.000798	0.00187	0.00498
2085 Aug	0.000233	0.00344	0.0231	0.0000235	20.3	20.2	0.121	0.0051	98.3	0.0147	0.0105	0.0000533	0.0016	0.00084	0.343	0.00000158	0.00661	0.0008	0.00188	0.005
2085 Sep	0.000233	0.00343	0.0231	0.0000235	20.3	20.2	0.121	0.0051	98.1	0.0146	0.0105	0.0000531	0.00159	0.000839	0.343	0.00000158	0.0066	0.000799	0.00187	0.00499
2085 Oct	0.000232	0.00343	0.023	0.0000234	20.2	20.2	0.12	0.00509	97.9	0.0146	0.0105	0.0000529	0.00159	0.000838	0.342	0.00000157	0.00659	0.000798	0.00187	0.00499
2085 Nov	0.000232	0.00342	0.023	0.0000234	20.2	20.1	0.12	0.00508	97.7	0.0146	0.0105	0.0000528	0.00159	0.000837	0.342	0.00000157	0.00659	0.000797	0.00187	0.00498
2085 Dec	0.000232	0.00342	0.023	0.0000234	20.2	20.1	0.12	0.00508	97.7	0.0146	0.0105	0.0000528	0.00159	0.000837	0.342	0.00000157	0.00659	0.000797	0.00187	0.00498
2086 Jan	0.000232	0.00342	0.023	0.0000234	20.2	20.1	0.12	0.00508	97.7	0.0146	0.0105	0.0000528	0.00159	0.000837	0.342	0.00000157	0.00659	0.000797	0.00187	0.00498
2086 Feb	0.000232	0.00342	0.023	0.0000234	20.2	20.1	0.12	0.00508	97.7	0.0146	0.0105	0.0000528	0.00159	0.000837	0.342	0.00000157	0.00659	0.000797	0.00187	0.00498
2086 Mar	0.000232	0.00342	0.023	0.0000234	20.2	20.1	0.12	0.00509	97.7	0.0146	0.0105	0.0000529	0.00159	0.000837	0.342	0.00000157	0.00659	0.000797	0.00187	0.00498
2086 Apr	0.000232	0.00343	0.023	0.0000234	20.2	20.2	0.12	0.00509	97.8	0.0146	0.0105	0.0000529	0.00159	0.000838	0.342	0.00000157	0.00659	0.000798	0.00187	0.00498
2086 May	0.000233	0.00343	0.0231	0.0000235	20.3	20.2	0.121	0.0051	98	0.0147	0.0105	0.0000531	0.0016	0.00084	0.343	0.00000157	0.00661	0.0008	0.00187	0.005
2086 Jun	0.000231	0.00342	0.023	0.0000234	20.2	20.1	0.12	0.00507	97.3	0.0146	0.0104	0.0000531	0.00159	0.000836	0.341	0.00000156	0.00657	0.000796	0.00186	0.00497
2086 Jul	0.000233	0.00344	0.0231	0.0000235	20.3	20.2	0.121	0.00511	97.7	0.0147	0.0105	0.0000533	0.0016	0.000841	0.343	0.00000157	0.00662	0.000801	0.00187	0.005
2086 Aug	0.000234	0.00345	0.0232	0.0000236	20.4	20.3	0.122	0.00514	98.1	0.0148	0.0105	0.0000534	0.00161	0.000845	0.345	0.00000157	0.00665	0.000805	0.00188	0.00503
2086 Sep	0.000234	0.00346	0.0232	0.0000237	20.4	20.4	0.122	0.00514	98.1	0.0148	0.0105	0.0000533	0.00161	0.000846	0.345	0.00000157	0.00666	0.000806	0.00188	0.00503
2086 Oct	0.000234	0.00346	0.0232	0.0000237	20.4	20.4	0.122	0.00514	98.1	0.0148	0.0106	0.0000533	0.00161	0.000846	0.345	0.00000157	0.00666	0.000806	0.00188	0.00504
2086 Nov	0.000234	0.00346	0.0232	0.0000237	20.4	20.4	0.122	0.00514	98.1	0.0148	0.0106	0.0000533	0.00161	0.000847	0.346	0.00000157	0.00666	0.000806	0.00188	0.00504
2086 Dec	0.000234	0.00346	0.0232	0.0000237	20.4	20.4	0.122	0.00514	98.1	0.0148	0.0106	0.0000533	0.00161	0.000847	0.346	0.00000157	0.00666	0.000806	0.00188	0.00504
2087 Jan	0.000234	0.00346	0.0232	0.0000237	20.4	20.4	0.122	0.00514	98.1	0.0148	0.0106	0.0000533	0.00161	0.000847	0.346	0.00000157	0.00666	0.000806	0.00188	0.00504
2087 Feb	0.000234	0.00346	0.0232	0.0000237	20.4	20.4	0.122	0.00514	98.1	0.0148	0.0106	0.0000533	0.00161	0.000847	0.346	0.00000157	0.00666	0.000806	0.00188	0.00504
2087 Mar	0.000234	0.00346	0.0232	0.0000237	20.4	20.4	0.122	0.00514	98.1	0.0148	0.0106	0.0000534	0.00161	0.000847	0.346	0.00000157	0.00667	0.000807	0.00188	0.00504
2087 Apr	0.000234	0.00346	0.0232	0.0000237	20.4	20.4	0.122	0.00515	98.2	0.0148	0.0106	0.0000534	0.00161	0.000847	0.346	0.00000157	0.00667	0.000807	0.00188	0.00504
2087 May	0.000234	0.00346	0.0232	0.0000237	20.5	20.4	0.122	0.00515	98.2	0.0148	0.0106	0.0000535	0.00161	0.000848	0.346	0.00000157	0.00667	0.000807	0.00188	0.00505
2087 Jun	0.000234	0.00345	0.0232	0.0000237	20.4	20.4	0.122	0.00514	97.8	0.0148	0.0105	0.0000537	0.00161	0.000846	0.345	0.00000156	0.00666	0.000806	0.00188	0.00504
2087 Jul	0.000235	0.00347	0.0233	0.0000238	20.5	20.5	0.122	0.00517	98.2	0.0148	0.0106	0.0000539	0.00162	0.000851	0.347	0.00000157	0.0067	0.000811	0.00189	0.00506
2087 Aug	0.000236	0.00349	0.0235	0.0000239	20.7	20.6	0.123	0.0052	98.8	0.0149	0.0107	0.0000541	0.00163	0.000856	0.349	0.00000158	0.00674	0.000816	0.0019	0.0051

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2087 Sep	0.000237	0.0035	0.0235	0.000024	20.7	20.7	0.124	0.00522	99	0.015	0.0107	0.0000542	0.00163	0.000859	0.351	0.00000158	0.00676	0.000818	0.0019	0.00511
2087 Oct	0.000237	0.0035	0.0235	0.000024	20.7	20.7	0.124	0.00522	99	0.015	0.0107	0.0000542	0.00163	0.000859	0.35	0.00000158	0.00676	0.000818	0.0019	0.00511
2087 Nov	0.000237	0.0035	0.0235	0.000024	20.7	20.7	0.124	0.00522	98.9	0.015	0.0107	0.0000541	0.00163	0.000859	0.35	0.00000158	0.00676	0.000818	0.0019	0.00511
2087 Dec	0.000237	0.0035	0.0235	0.000024	20.7	20.7	0.124	0.00522	98.9	0.015	0.0107	0.0000541	0.00163	0.000859	0.35	0.00000158	0.00676	0.000818	0.0019	0.00511
2088 Jan	0.000237	0.0035	0.0235	0.000024	20.7	20.7	0.124	0.00522	98.9	0.015	0.0107	0.0000541	0.00163	0.000859	0.35	0.00000158	0.00676	0.000818	0.0019	0.00511
2088 Feb	0.000237	0.0035	0.0235	0.000024	20.7	20.7	0.124	0.00522	98.9	0.015	0.0107	0.0000541	0.00163	0.000859	0.35	0.00000158	0.00676	0.000818	0.0019	0.00511
2088 Mar	0.000237	0.0035	0.0235	0.000024	20.7	20.7	0.124	0.00522	98.9	0.015	0.0107	0.0000542	0.00163	0.000859	0.35	0.00000158	0.00676	0.000818	0.0019	0.00511
2088 Apr	0.000237	0.00351	0.0235	0.0000241	20.8	20.7	0.124	0.00522	99.1	0.015	0.0107	0.0000542	0.00163	0.00086	0.351	0.00000158	0.00677	0.000819	0.00191	0.00512
2088 May	0.000238	0.00352	0.0236	0.0000241	20.8	20.7	0.124	0.00524	99.3	0.015	0.0107	0.0000544	0.00164	0.000862	0.352	0.00000158	0.00679	0.000821	0.00191	0.00513
2088 Jun	0.000238	0.00351	0.0236	0.0000241	20.8	20.7	0.124	0.00523	99	0.015	0.0107	0.0000542	0.00164	0.000861	0.351	0.00000158	0.00678	0.00082	0.00191	0.00513
2088 Jul	0.000239	0.00353	0.0237	0.0000242	20.9	20.8	0.125	0.00527	99.6	0.0151	0.0108	0.0000545	0.00165	0.000867	0.354	0.00000159	0.00682	0.000826	0.00192	0.00516
2088 Aug	0.000241	0.00356	0.0239	0.0000245	21.1	21	0.126	0.00531	100	0.0153	0.0109	0.000055	0.00166	0.000874	0.357	0.0000016	0.00688	0.000833	0.00194	0.00521
2088 Sep	0.000242	0.00357	0.0239	0.0000245	21.2	21.1	0.126	0.00533	101	0.0153	0.0109	0.000055	0.00167	0.000877	0.358	0.0000016	0.0069	0.000835	0.00194	0.00522
2088 Oct	0.000241	0.00356	0.0238	0.0000245	21.1	21	0.126	0.00531	100	0.0153	0.0109	0.0000547	0.00166	0.000874	0.357	0.00000159	0.00688	0.000832	0.00193	0.00521
2088 Nov	0.000241	0.00356	0.0238	0.0000244	21.1	21	0.126	0.00531	100	0.0153	0.0108	0.0000547	0.00166	0.000874	0.357	0.00000159	0.00688	0.000832	0.00193	0.0052
2088 Dec	0.000241	0.00356	0.0238	0.0000245	21.1	21	0.126	0.00531	100	0.0153	0.0108	0.0000547	0.00166	0.000874	0.357	0.00000159	0.00688	0.000832	0.00193	0.0052
2089 Jan	0.000241	0.00356	0.0238	0.0000245	21.1	21	0.126	0.00531	100	0.0153	0.0108	0.0000547	0.00166	0.000874	0.357	0.00000159	0.00688	0.000832	0.00193	0.0052
2089 Feb	0.000241	0.00356	0.0238	0.0000245	21.1	21	0.126	0.00531	100	0.0153	0.0108	0.0000547	0.00166	0.000874	0.357	0.00000159	0.00688	0.000832	0.00193	0.0052
2089 Mar	0.000241	0.00356	0.0238	0.0000245	21.1	21	0.126	0.00531	100	0.0153	0.0108	0.0000547	0.00166	0.000874	0.357	0.00000159	0.00688	0.000832	0.00193	0.00521
2089 Apr	0.000241	0.00356	0.0238	0.0000245	21.1	21	0.126	0.00532	100	0.0153	0.0109	0.0000548	0.00166	0.000875	0.357	0.0000016	0.00689	0.000833	0.00194	0.00521
2089 May	0.000241	0.00357	0.0239	0.0000245	21.1	21.1	0.126	0.00532	100	0.0153	0.0109	0.000055	0.00167	0.000876	0.357	0.0000016	0.0069	0.000834	0.00194	0.00522
2089 Jun	0.000241	0.00357	0.0239	0.0000245	21.1	21.1	0.126	0.00532	100	0.0153	0.0109	0.0000552	0.00167	0.000876	0.357	0.00000159	0.0069	0.000835	0.00194	0.00522
2089 Jul	0.000243	0.00359	0.0241	0.0000247	21.3	21.2	0.127	0.00536	101	0.0154	0.0109	0.0000555	0.00168	0.000881	0.36	0.0000016	0.00694	0.00084	0.00195	0.00525
2089 Aug	0.000244	0.00361	0.0242	0.0000248	21.4	21.3	0.128	0.00539	101	0.0155	0.011	0.0000558	0.00169	0.000887	0.362	0.00000161	0.00698	0.000845	0.00196	0.00528
2089 Sep	0.000244	0.00362	0.0242	0.0000249	21.4	21.4	0.128	0.0054	101	0.0155	0.011	0.0000558	0.00169	0.000888	0.362	0.00000161	0.007	0.000846	0.00196	0.00529
2089 Oct	0.000243	0.0036	0.0241	0.0000248	21.4	21.3	0.127	0.00538	101	0.0154	0.011	0.0000554	0.00168	0.000885	0.361	0.0000016	0.00697	0.000843	0.00195	0.00527
2089 Nov	0.000243	0.0036	0.0241	0.0000248	21.4	21.3	0.127	0.00538	101	0.0154	0.011	0.0000554	0.00168	0.000885	0.361	0.0000016	0.00697	0.000843	0.00195	0.00527
2089 Dec	0.000243	0.0036	0.0241	0.0000248	21.4	21.3	0.127	0.00538	101	0.0155	0.011	0.0000554	0.00168	0.000885	0.361	0.0000016	0.00697	0.000843	0.00195	0.00527
2090 Jan	0.000243	0.0036	0.0241	0.0000248	21.4	21.3	0.127	0.00538	101	0.0155	0.011	0.0000554	0.00168	0.000885	0.361	0.0000016	0.00697	0.000843	0.00195	0.00527
2090 Feb	0.000243	0.0036	0.0241	0.0000248	21.4	21.3	0.127	0.00538	101	0.0155	0.011	0.0000554	0.00168	0.000885	0.361	0.0000016	0.00697	0.000843	0.00195	0.00527
2090 Mar	0.000243	0.0036	0.0241	0.0000248	21.4	21.3	0.127	0.00538	101	0.0155	0.011	0.0000554	0.00168	0.000885	0.361	0.0000016	0.00697	0.000843	0.00195	0.00527
2090 Apr	0.000243	0.0036	0.0241	0.0000248	21.4	21.3	0.128	0.00538	101	0.0155	0.011	0.0000554	0.00168	0.000886	0.361	0.0000016	0.00698	0.000843	0.00195	0.00528
2090 May	0.000244	0.00361	0.0242	0.0000248	21.4	21.3	0.128	0.00539	101	0.0155	0.011	0.0000555	0.00169	0.000887	0.362	0.0000016	0.00699	0.000845	0.00196	0.00528
2090 Jun	0.000243	0.00359	0.0241	0.0000247	21.3	21.2	0.127	0.00536	100	0.0154	0.0109	0.0000555	0.00168	0.000882	0.36	0.00000159	0.00695	0.00084	0.00194	0.00525
2090 Jul	0.000244	0.00361	0.0242	0.0000248	21.4	21.3	0.128	0.00539	101	0.0155	0.011	0.0000558	0.00169	0.000887	0.362	0.00000159	0.00699	0.000845	0.00195	0.00529
2090 Aug	0.000244	0.00361	0.0242	0.0000248	21.4	21.4	0.128	0.0054	101	0.0155	0.011	0.0000556	0.00169	0.000888	0.362	0.00000159	0.00699	0.000846	0.00195	0.00529
2090 Sep	0.000243	0.0036	0.0241	0.0000248	21.4	21.3	0.128	0.00539	100	0.0155	0.0109	0.0000554	0.00169	0.000886	0.361	0.00000158	0.00698	0.000844	0.00195	0.00528
2090 Oct	0.000242	0.00359	0.024	0.0000247	21.3	21.2	0.127	0.00537	99.7	0.0154	0.0109	0.000055	0.00168	0.000883	0.36	0.00000157	0.00696	0.000841	0.00194	0.00526
2090 Nov	0.000242	0.00358	0.0239	0.0000247	21.3	21.2	0.127	0.00536	99.5	0.0154	0.0109	0.0000549	0.00168	0.000882	0.36	0.00000157	0.00695	0.00084	0.00194	0.00526
2090 Dec	0.000242	0.00358	0.0239	0.0000247	21.3	21.2	0.127	0.00536	99.5	0.0154	0.0109	0.0000549	0.00168	0.000882	0.36	0.00000157	0.00695	0.00084	0.00194	0.00526
2091 Jan	0.000242	0.00358	0.0239	0.0000247	21.3	21.2	0.127	0.00536	99.5	0.0154	0.0109	0.0000549	0.00168	0.000882	0.36	0.00000157	0.00695	0.00084	0.00194	0.00526
2091 Feb	0.000242	0.00358	0.0239	0.0000247	21.3	21.2	0.127	0.00536	99.5	0.0154	0.0109	0.0000549	0.00168	0.000882	0.36	0.00000157	0.00695	0.00084	0.00194	0.00526
2091 Mar	0.000242	0.00358	0.0239	0.0000247	21.3	21.2	0.127	0.00536	99.5	0.0154	0.0109	0.0000549	0.00168	0.000882	0.36	0.00000157	0.00695	0.00084	0.00194	0.00526
2091 Apr	0.000242	0.00359	0.024	0.0000247	21.3	21.2	0.127	0.00537	99.6	0.0154	0.0109	0.000055	0.00168	0.000883	0.36	0.00000157	0.00696	0.000841	0.00194	0.00526
2091 May	0.000243	0.00359	0.024	0.0000248	21.4	21.3	0.127	0.00538	99.8	0.0154	0.0109	0.0000552	0.00168	0.000885	0.361	0.00000158	0.00697	0.000843	0.00194	0.00527
2091 Jun	0.000242	0.00358	0.024	0.0000247	21.3	21.2	0.127	0.00536	99.3	0.0154	0.0109	0.0000554	0.00168	0.000882	0.36	0.00000157	0.00695	0.00084	0.00194	0.00526
2091 Jul	0.000244	0.00361	0.0242	0.0000249	21.5	21.4	0.128	0.0054	100	0.0155	0.011	0.0000558	0.00169	0.000889	0.362	0.00000158	0.007	0.000847	0.00195	0.0053
2091 Aug	0.000244	0.00362	0.0242	0.0000249	21.5	21.4	0.128	0.00542	100	0.0156	0.011	0.0000558	0.0017	0.000891	0.363	0.00000158	0.00702	0.000849	0.00195	0.00531
2091 Sep	0.000244	0.00362	0.0242	0.000025	21.5	21.4	0.128	0.00542	100	0.0156	0.011	0.0000557	0.0017	0.000892	0.364	0.00000158	0.00703	0.000849	0.00195	0.00531
2091 Oct	0.000244	0.00361	0.0241	0.0000249	21.5	21.4	0.128	0.00541	99.8	0.0155	0.0109	0.0000555	0.00169	0.00089	0.363	0.00000157	0.00701	0.000847	0.00195	0.0053
2091 Nov	0.000243	0.0036	0.0241	0.0000249	21.4	21.4	0.128	0.0054	99.6	0.0155	0.0109	0.0000553	0.00169	0.000888	0.362	0.00000157	0.007	0.000846	0.00195	0.0053
2091 Dec	0.000243	0.0036	0.0241	0.0000249	21.4	21.4	0.128	0.0054	99.6	0.0155	0.0109	0.0000553	0.00169	0.000888	0.362	0.00000157	0.007	0.000846	0.00195	0.0053
2092 Jan	0.000243	0.0036	0.0241	0.0000249	21.4	21.4	0.128	0.0054	99.6	0.0155	0.0109	0.0000553	0.00169	0.000888	0.362	0.00000157	0.007	0.000846	0.00195	0.0053
2092 Feb	0.000243	0.0036	0.0241	0.0000249	21.4	21.4	0.128	0.0054	99.6	0.0155	0.0109	0.0000553	0.00169	0.000888	0.362	0.00000157	0.007	0.000846	0.00195	0.0053
2092 Mar	0.000243	0.0036	0.0241	0.0000249	21.4	21.4	0.128	0.0054	99.6	0.0155	0.0109	0.0000553	0.00169	0.000889	0.362	0.00000157	0.007	0.000846	0.00195	0.0053
2092 Apr	0.000243	0.00361	0.0241	0.0000249	21.5	21.4	0.128	0.00541	99.7	0.0155	0.0109	0.0000554	0.00169	0.000889	0.363	0.00000157	0.00701	0.000847	0.00195	0.0053
2092 May	0.000244	0.00361	0.0242	0.0000249	21.5	21.4	0.128	0.00542	99.8	0.0156	0.011	0.0000556	0.0017	0.000891	0.363	0.00000157	0.00702	0.000848	0.00195	0.00531
2092 Jun	0.000242	0.00358	0.024	0.0000247	21.3	21.2	0.127	0.00537	98.6	0.0154	0.0108	0.0000555	0.00168	0.000883	0.36	0.00000155	0.00696	0.000841	0.00193	0.00526
2092 Jul	0.000242	0.00359	0.024	0.0000248	21.4	21.3	0.128	0.00538	98.7	0.0155	0.0109	0.0000555	0.00169	0.000885	0.361	0.00000155	0.00698	0.000844	0.00194	0.00528
2092 Aug	0.000244	0.00361	0.0242	0.000025	21.5	21.4	0.128	0.00542	99.3	0.0156	0.0109	0.0000558	0.0017	0.000891	0.363	0.00000156	0.00703	0.000849	0.00195	0.00531
2092 Sep	0.000244	0.00362	0.0242	0.000025	21.5	21.5	0.129	0.00543	99.4	0.0156	0.0109	0.0000558	0.0017	0.000892	0.364	0.00000156	0.00704	0.00085	0.00195	0.00532
2092 Oct	0.000244	0.00361	0.0242	0.000025	21.5	21.5	0.129	0.00543	99.3	0.0156	0.0109	0.0000557	0.0017	0.000892	0.364	0.00000156	0.00704	0.00085	0.00195	0.00532
2092 Nov	0.000244	0.00361	0.0242	0.000025	21.5	21.5	0.129	0.00543	99.3	0.0156	0.0109	0.0000557	0.0017	0.000892	0.364	0.00000156	0.00704	0.00085	0.00195	0.00532
2092 Dec	0.000244	0.00362	0.0242	0.000025	21.5	21.5	0.129	0.00543	99.3	0.0156	0.0109	0.0000557	0.0017	0.000892	0.364	0.00000156	0.00704	0.00085	0.00195	0.00532
2093 Jan	0.000244	0.00362	0.0242	0.000025	21.5	21.5	0.129	0.00543	99.3	0.0156	0.0109	0.0000557	0.0017	0.000892	0.364	0.00000156	0.00704	0.00085	0.00195	0.00532
2093 Feb	0.000244	0.00362	0.0242	0.000025	21.5	21.5	0.129	0.00543	99.3	0.0156	0.0109	0.0000557	0.0017	0.000892	0.364	0.00000156	0.00704	0.00085	0.00195	0.00532
2093 Mar	0.000244	0.00362	0.0242	0.000025	21.6	21.5	0.129	0.00543	99.3	0.0156	0.011	0.0000557	0.0017	0.000893	0.364	0.00000156	0.00704	0.00085	0.00195	0.00532
2093 Apr	0.000244	0.00362	0.0242	0.000025	21.6	21.5	0.129	0.00544	99.4	0.0156	0.011	0.0000558	0.0017	0.000893	0.364	0.00000156	0.00705	0.000851	0.00195	0.00533
2093 May	0.000245	0.00363	0.0243	0.0000251	21.6	21.5	0.129	0.00545	99.6	0.0156	0.011	0.000056	0.0017	0.000895	0.365	0.00000156	0.00706	0.000853	0.00195	0.00534
2093 Jun	0.000244	0.00361	0.0242	0.000025	21.5	21.4	0.129	0.00543	99	0.0156	0.0109	0.000056	0.0017	0.000892	0.364	0.00000155	0.00703	0.00085	0.00195	0.00532
2093 Jul	0.000245	0.00363	0.0244	0.0000251	21.7	21.6	0.129	0.00546	99.6	0.0157	0.011	0.0000563	0.00171	0.000898	0.366	0.00000156	0.00708	0.000855	0.00196	0.00535

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2093 Aug	0.000247	0.00365	0.0245	0.0000253	21.8	21.7	0.13	0.00549	100	0.0158	0.0111	0.0000566	0.00172	0.000903	0.368	0.00000157	0.00712	0.00086	0.00197	0.00538
2093 Sep	0.000247	0.00366	0.0245	0.0000253	21.8	21.7	0.13	0.0055	100	0.0158	0.0111	0.0000565	0.00172	0.000904	0.368	0.00000157	0.00713	0.000861	0.00197	0.00539
2093 Oct	0.000246	0.00364	0.0244	0.0000252	21.7	21.7	0.13	0.00548	99.6	0.0157	0.011	0.0000562	0.00171	0.0009	0.367	0.00000156	0.0071	0.000858	0.00196	0.00537
2093 Nov	0.000245	0.00364	0.0243	0.0000252	21.7	21.6	0.13	0.00547	99.4	0.0157	0.011	0.0000561	0.00171	0.000899	0.367	0.00000155	0.00709	0.000857	0.00196	0.00537
2093 Dec	0.000245	0.00364	0.0243	0.0000252	21.7	21.6	0.13	0.00547	99.4	0.0157	0.011	0.0000561	0.00171	0.000899	0.367	0.00000155	0.00709	0.000857	0.00196	0.00537
2094 Jan	0.000245	0.00364	0.0243	0.0000252	21.7	21.6	0.13	0.00547	99.4	0.0157	0.011	0.0000561	0.00171	0.000899	0.367	0.00000155	0.0071	0.000857	0.00196	0.00537
2094 Feb	0.000245	0.00364	0.0243	0.0000252	21.7	21.6	0.13	0.00547	99.4	0.0157	0.011	0.0000561	0.00171	0.000899	0.367	0.00000155	0.0071	0.000857	0.00196	0.00537
2094 Mar	0.000245	0.00364	0.0243	0.0000252	21.7	21.6	0.13	0.00547	99.5	0.0157	0.011	0.0000561	0.00171	0.0009	0.367	0.00000156	0.0071	0.000857	0.00196	0.00537
2094 Apr	0.000246	0.00364	0.0243	0.0000252	21.7	21.7	0.13	0.00548	99.5	0.0157	0.011	0.0000561	0.00171	0.0009	0.367	0.00000156	0.0071	0.000858	0.00196	0.00537
2094 May	0.000246	0.00364	0.0244	0.0000252	21.7	21.7	0.13	0.00548	99.5	0.0157	0.011	0.0000563	0.00171	0.0009	0.367	0.00000156	0.0071	0.000858	0.00196	0.00537
2094 Jun	0.000246	0.00364	0.0244	0.0000252	21.8	21.7	0.13	0.00548	99.4	0.0157	0.011	0.0000566	0.00172	0.000901	0.367	0.00000155	0.00711	0.000859	0.00196	0.00538
2094 Jul	0.000248	0.00368	0.0247	0.0000255	22	21.9	0.131	0.00553	100	0.0159	0.0111	0.000057	0.00173	0.000909	0.371	0.00000157	0.00717	0.000867	0.00198	0.00543
2094 Aug	0.00025	0.00371	0.0249	0.0000257	22.1	22.1	0.132	0.00558	101	0.016	0.0112	0.0000575	0.00175	0.000917	0.374	0.00000158	0.00724	0.000874	0.00199	0.00547
2094 Sep	0.00025	0.00371	0.0249	0.0000257	22.2	22.1	0.133	0.00559	101	0.016	0.0112	0.0000574	0.00175	0.000918	0.374	0.00000158	0.00725	0.000875	0.002	0.00548
2094 Oct	0.00025	0.00371	0.0248	0.0000257	22.1	22	0.132	0.00558	101	0.016	0.0112	0.0000572	0.00175	0.000917	0.374	0.00000157	0.00723	0.000873	0.00199	0.00547
2094 Nov	0.000249	0.0037	0.0247	0.0000256	22.1	22	0.132	0.00556	101	0.016	0.0112	0.000057	0.00174	0.000914	0.373	0.00000157	0.00721	0.000871	0.00199	0.00546
2094 Dec	0.000249	0.00369	0.0247	0.0000256	22.1	22	0.132	0.00556	100	0.016	0.0112	0.000057	0.00174	0.000914	0.373	0.00000157	0.00721	0.000871	0.00199	0.00546
2095 Jan	0.000249	0.00369	0.0247	0.0000256	22.1	22	0.132	0.00556	100	0.016	0.0112	0.000057	0.00174	0.000914	0.373	0.00000157	0.00721	0.000871	0.00199	0.00546
2095 Feb	0.000249	0.0037	0.0247	0.0000256	22.1	22	0.132	0.00556	100	0.016	0.0112	0.000057	0.00174	0.000914	0.373	0.00000157	0.00721	0.000871	0.00199	0.00546
2095 Mar	0.000249	0.0037	0.0247	0.0000256	22.1	22	0.132	0.00556	101	0.016	0.0112	0.000057	0.00174	0.000914	0.373	0.00000157	0.00721	0.000871	0.00199	0.00546
2095 Apr	0.000249	0.0037	0.0247	0.0000256	22.1	22	0.132	0.00557	101	0.016	0.0112	0.000057	0.00174	0.000915	0.373	0.00000157	0.00722	0.000872	0.00199	0.00546
2095 May	0.00025	0.0037	0.0248	0.0000257	22.1	22	0.132	0.00557	101	0.016	0.0112	0.0000572	0.00174	0.000916	0.373	0.00000157	0.00722	0.000873	0.00199	0.00546
2095 Jun	0.00025	0.00371	0.0249	0.0000257	22.2	22.1	0.132	0.00559	101	0.016	0.0112	0.0000576	0.00175	0.000918	0.374	0.00000157	0.00724	0.000875	0.00199	0.00548
2095 Jul	0.000252	0.00374	0.0251	0.000026	22.4	22.3	0.134	0.00564	102	0.0162	0.0113	0.0000581	0.00176	0.000926	0.378	0.00000158	0.00731	0.000883	0.00201	0.00553
2095 Aug	0.000253	0.00375	0.0251	0.000026	22.4	22.3	0.134	0.00565	102	0.0162	0.0113	0.000058	0.00177	0.000928	0.378	0.00000158	0.00732	0.000884	0.00201	0.00554
2095 Sep	0.000253	0.00375	0.0251	0.000026	22.4	22.4	0.134	0.00566	102	0.0162	0.0113	0.000058	0.00177	0.000929	0.379	0.00000158	0.00733	0.000886	0.00201	0.00555
2095 Oct	0.000253	0.00375	0.0251	0.0000261	22.4	22.4	0.134	0.00566	102	0.0162	0.0113	0.000058	0.00177	0.00093	0.379	0.00000158	0.00734	0.000886	0.00201	0.00555
2095 Nov	0.000253	0.00375	0.0251	0.000026	22.4	22.3	0.134	0.00565	102	0.0162	0.0113	0.0000578	0.00177	0.000929	0.378	0.00000158	0.00733	0.000885	0.00201	0.00554
2095 Dec	0.000253	0.00375	0.0251	0.000026	22.4	22.3	0.134	0.00565	102	0.0162	0.0113	0.0000578	0.00177	0.000929	0.378	0.00000158	0.00733	0.000885	0.00201	0.00554
2096 Jan	0.000253	0.00375	0.0251	0.000026	22.4	22.3	0.134	0.00565	102	0.0162	0.0113	0.0000578	0.00177	0.000929	0.378	0.00000158	0.00733	0.000885	0.00201	0.00554
2096 Feb	0.000253	0.00375	0.0251	0.000026	22.4	22.3	0.134	0.00565	102	0.0162	0.0113	0.0000578	0.00177	0.000929	0.378	0.00000158	0.00733	0.000885	0.00201	0.00554
2096 Mar	0.000253	0.00375	0.0251	0.000026	22.4	22.3	0.134	0.00565	102	0.0162	0.0113	0.0000578	0.00177	0.000929	0.378	0.00000158	0.00733	0.000885	0.00201	0.00554
2096 Apr	0.000253	0.00375	0.0251	0.000026	22.4	22.4	0.134	0.00566	102	0.0162	0.0113	0.0000579	0.00177	0.000929	0.379	0.00000158	0.00734	0.000886	0.00201	0.00555
2096 May	0.000253	0.00376	0.0251	0.0000261	22.5	22.4	0.134	0.00567	102	0.0163	0.0113	0.0000581	0.00177	0.000931	0.379	0.00000158	0.00735	0.000887	0.00202	0.00556
2096 Jun	0.000251	0.00373	0.025	0.0000259	22.3	22.2	0.133	0.00562	101	0.0161	0.0112	0.0000578	0.00176	0.000923	0.376	0.00000156	0.00729	0.00088	0.002	0.00551
2096 Jul	0.000253	0.00375	0.0251	0.000026	22.4	22.3	0.134	0.00566	101	0.0162	0.0113	0.000058	0.00177	0.000929	0.378	0.00000157	0.00733	0.000885	0.00201	0.00555
2096 Aug	0.000254	0.00378	0.0253	0.0000262	22.6	22.5	0.135	0.0057	102	0.0164	0.0114	0.0000584	0.00178	0.000936	0.381	0.00000158	0.00739	0.000892	0.00202	0.00559
2096 Sep	0.000254	0.00378	0.0252	0.0000262	22.6	22.5	0.135	0.0057	102	0.0164	0.0114	0.0000583	0.00178	0.000936	0.381	0.00000158	0.00739	0.000892	0.00202	0.00559
2096 Oct	0.000254	0.00376	0.0251	0.0000262	22.5	22.5	0.135	0.00568	101	0.0163	0.0113	0.000058	0.00178	0.000933	0.38	0.00000157	0.00737	0.00089	0.00202	0.00557
2096 Nov	0.000253	0.00376	0.0251	0.0000262	22.5	22.4	0.135	0.00568	101	0.0163	0.0113	0.000058	0.00178	0.000933	0.38	0.00000157	0.00737	0.000889	0.00202	0.00557
2096 Dec	0.000253	0.00376	0.0251	0.0000262	22.5	22.4	0.135	0.00568	101	0.0163	0.0113	0.000058	0.00178	0.000933	0.38	0.00000157	0.00737	0.000889	0.00202	0.00557
2097 Jan	0.000253	0.00376	0.0251	0.0000262	22.5	22.4	0.135	0.00568	101	0.0163	0.0113	0.000058	0.00178	0.000933	0.38	0.00000157	0.00737	0.000889	0.00202	0.00557
2097 Feb	0.000253	0.00376	0.0251	0.0000262	22.5	22.4	0.135	0.00568	101	0.0163	0.0113	0.000058	0.00178	0.000933	0.38	0.00000157	0.00737	0.000889	0.00202	0.00557
2097 Mar	0.000254	0.00376	0.0251	0.0000262	22.5	22.5	0.135	0.00568	101	0.0163	0.0113	0.000058	0.00178	0.000934	0.38	0.00000157	0.00737	0.00089	0.00202	0.00557
2097 Apr	0.000254	0.00377	0.0252	0.0000262	22.6	22.5	0.135	0.00569	101	0.0163	0.0114	0.000058	0.00178	0.000934	0.381	0.00000157	0.00738	0.00089	0.00202	0.00558
2097 May	0.000254	0.00378	0.0252	0.0000263	22.6	22.5	0.135	0.0057	102	0.0164	0.0114	0.0000582	0.00178	0.000937	0.382	0.00000158	0.00739	0.000893	0.00202	0.00559
2097 Jun	0.000254	0.00377	0.0253	0.0000262	22.6	22.5	0.135	0.0057	102	0.0164	0.0114	0.0000584	0.00178	0.000936	0.381	0.00000157	0.00739	0.000892	0.00202	0.00559
2097 Jul	0.000256	0.00381	0.0255	0.0000265	22.8	22.7	0.136	0.00575	102	0.0165	0.0115	0.0000589	0.0018	0.000944	0.385	0.00000158	0.00745	0.0009	0.00204	0.00564
2097 Aug	0.000258	0.00383	0.0256	0.0000266	22.9	22.8	0.137	0.00578	103	0.0166	0.0115	0.0000591	0.00181	0.000949	0.387	0.00000159	0.00749	0.000905	0.00205	0.00567
2097 Sep	0.000258	0.00384	0.0256	0.0000267	23	22.9	0.137	0.0058	103	0.0166	0.0116	0.0000592	0.00181	0.000952	0.388	0.00000159	0.00752	0.000907	0.00205	0.00568
2097 Oct	0.000258	0.00383	0.0256	0.0000267	23	22.9	0.137	0.0058	103	0.0166	0.0115	0.0000592	0.00181	0.000952	0.388	0.00000159	0.00751	0.000907	0.00205	0.00568
2097 Nov	0.000258	0.00383	0.0256	0.0000267	23	22.9	0.137	0.00579	103	0.0166	0.0115	0.0000591	0.00181	0.000951	0.387	0.00000159	0.00751	0.000907	0.00205	0.00568
2097 Dec	0.000258	0.00383	0.0256	0.0000267	23	22.9	0.137	0.00579	103	0.0166	0.0115	0.0000591	0.00181	0.000951	0.388	0.00000159	0.00751	0.000907	0.00205	0.00568
2098 Jan	0.000258	0.00383	0.0256	0.0000267	23	22.9	0.137	0.00579	103	0.0166	0.0115	0.0000591	0.00181	0.000951	0.388	0.00000159	0.00751	0.000907	0.00205	0.00568
2098 Feb	0.000258	0.00383	0.0256	0.0000267	23	22.9	0.137	0.00579	103	0.0166	0.0115	0.0000591	0.00181	0.000951	0.388	0.00000159	0.00751	0.000907	0.00205	0.00568
2098 Mar	0.000258	0.00383	0.0256	0.0000267	23	22.9	0.137	0.00579	103	0.0166	0.0115	0.0000591	0.00181	0.000951	0.388	0.00000159	0.00751	0.000907	0.00205	0.00568
2098 Apr	0.000258	0.00384	0.0256	0.0000267	23	22.9	0.137	0.0058	103	0.0166	0.0115	0.0000591	0.00181	0.000952	0.388	0.00000159	0.00752	0.000907	0.00205	0.00568
2098 May	0.000259	0.00384	0.0257	0.0000267	23	22.9	0.138	0.0058	103	0.0166	0.0116	0.0000594	0.00181	0.000952	0.388	0.00000159	0.00752	0.000908	0.00205	0.00569
2098 Jun	0.000256	0.0038	0.0255	0.0000265	22.8	22.7	0.136	0.00575	102	0.0165	0.0114	0.0000592	0.0018	0.000944	0.385	0.00000157	0.00745	0.0009	0.00203	0.00564
2098 Jul	0.000258	0.00383	0.0257	0.0000267	23	22.9	0.138	0.0058	103	0.0166	0.0115	0.0000597	0.00181	0.000952	0.388	0.00000158	0.00752	0.000908	0.00205	0.00569
2098 Aug	0.000259	0.00385	0.0258	0.0000268	23.1	23	0.138	0.00582	103	0.0167	0.0116	0.0000598	0.00182	0.000955	0.389	0.00000159	0.00755	0.000911	0.00206	0.00571
2098 Sep	0.000258	0.00384	0.0257	0.0000267	23	22.9	0.138	0.00581	102	0.0167	0.0115	0.0000594	0.00182	0.000953	0.388	0.00000158	0.00753	0.000909	0.00205	0.00569
2098 Oct	0.000257	0.00382	0.0255	0.0000266	22.9	22.8	0.137	0.00579	102	0.0166	0.0115	0.0000591	0.00181	0.00095	0.387	0.00000157	0.0075	0.000905	0.00204	0.00567
2098 Nov	0.000257	0.00382	0.0255	0.0000266	22.9	22.8	0.137	0.00578	102	0.0166	0.0115	0.000059	0.00181	0.000949	0.386	0.00000157	0.00749	0.000904	0.00204	0.00567
2098 Dec	0.000257	0.00382	0.0255	0.0000266	22.9	22.8	0.137	0.00578	102	0.0166	0.0115	0.000059	0.00181	0.000949	0.386	0.00000157	0.00749	0.000904	0.00204	0.00567
2099 Jan	0.000257	0.00382	0.0255	0.0000266	22.9	22.8	0.137	0.00578	102	0.0166	0.0115	0.000059	0.00181	0.000949	0.386	0.00000157	0.0075	0.000904	0.00204	0.00567
2099 Feb	0.000257	0.00382	0.0255	0.0000266	22.9	22.8	0.137	0.00578	102	0.0166	0.0115	0.000059	0.00181	0.000949	0.386	0.00000157	0.0075	0.000904	0.00204	0.00567
2099 Mar	0.000257	0.00382	0.0255	0.0000266	22.9	22.8	0.137	0.00578	102	0.0166	0.0115	0.000059	0.00181	0.000949	0.387	0.00000157	0.0075	0.000905	0.00204	0.00567
2099 Apr	0.000257	0.00382	0.0256	0.0000266	22.9	22.9	0.137	0.00579	102	0.0166	0.0115	0.0000591	0.00181	0.00095	0.387	0.00000157	0.00751	0.000906	0.00204	0.00568
2099 May	0.000257	0.00381	0.0256	0.0000266	22.9	22.8	0.137	0.00578	102	0.0166	0.0115	0.0000594	0.00181	0.000948	0.386	0.00000156	0.00749	0.000904	0.00204	0.00566
2099 Jun	0.000257	0.00381	0.0256	0.0000265	22.9	22.8	0.137	0.00577	101	0.0165	0.0114	0.0000594	0.0018	0.000947	0.386	0.00000156	0.00748	0.000903	0.00203	0.00566

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2099 Jul	0.000259	0.00384	0.0258	0.0000268	23	22.9	0.138	0.00581	102	0.0167	0.0115	0.0000598	0.00182	0.000954	0.389	0.00000157	0.00754	0.00091	0.00205	0.0057
2099 Aug	0.00026	0.00386	0.0259	0.000027	23.2	23.1	0.139	0.00586	103	0.0168	0.0116	0.0000601	0.00183	0.000961	0.392	0.00000158	0.00759	0.000917	0.00206	0.00574
2099 Sep	0.00026	0.00386	0.0259	0.0000269	23.2	23.1	0.139	0.00585	103	0.0168	0.0116	0.00006	0.00183	0.000961	0.391	0.00000158	0.00759	0.000916	0.00206	0.00574
2099 Oct	0.00026	0.00385	0.0258	0.0000269	23.1	23.1	0.139	0.00584	102	0.0168	0.0116	0.0000597	0.00183	0.000959	0.39	0.00000157	0.00758	0.000914	0.00206	0.00573
2099 Nov	0.000259	0.00385	0.0257	0.0000268	23.1	23	0.138	0.00583	102	0.0167	0.0115	0.0000596	0.00183	0.000957	0.39	0.00000157	0.00756	0.000913	0.00205	0.00572
2099 Dec	0.000259	0.00385	0.0257	0.0000268	23.1	23	0.138	0.00583	102	0.0167	0.0115	0.0000596	0.00183	0.000957	0.39	0.00000157	0.00756	0.000913	0.00205	0.00572
2100 Jan	0.000259	0.00385	0.0257	0.0000268	23.1	23	0.138	0.00583	102	0.0167	0.0115	0.0000596	0.00183	0.000957	0.39	0.00000157	0.00756	0.000913	0.00205	0.00572
2100 Feb	0.000259	0.00385	0.0257	0.0000268	23.1	23	0.138	0.00583	102	0.0167	0.0115	0.0000596	0.00183	0.000957	0.39	0.00000157	0.00756	0.000913	0.00205	0.00572
2100 Mar	0.000259	0.00385	0.0258	0.0000269	23.1	23	0.138	0.00583	102	0.0167	0.0116	0.0000596	0.00183	0.000957	0.39	0.00000157	0.00756	0.000913	0.00205	0.00572
2100 Apr	0.000259	0.00385	0.0258	0.0000269	23.1	23	0.139	0.00584	102	0.0168	0.0116	0.0000597	0.00183	0.000958	0.39	0.00000157	0.00757	0.000914	0.00205	0.00573
2100 May	0.00026	0.00386	0.0259	0.0000269	23.2	23.1	0.139	0.00585	102	0.0168	0.0116	0.00006	0.00183	0.000959	0.391	0.00000157	0.00758	0.000915	0.00206	0.00573
2100 Jun	0.000258	0.00383	0.0257	0.0000267	23	22.9	0.138	0.0058	101	0.0166	0.0115	0.0000598	0.00182	0.000952	0.388	0.00000155	0.00752	0.000909	0.00204	0.00569
2100 Jul	0.000259	0.00384	0.0258	0.0000268	23.1	23	0.138	0.00582	102	0.0167	0.0115	0.0000599	0.00182	0.000956	0.389	0.00000156	0.00755	0.000912	0.00205	0.00571
2100 Aug	0.000259	0.00384	0.0258	0.0000268	23.1	23	0.138	0.00583	102	0.0167	0.0115	0.0000598	0.00183	0.000957	0.39	0.00000155	0.00756	0.000913	0.00205	0.00572
2100 Sep	0.000259	0.00385	0.0258	0.0000269	23.1	23	0.139	0.00584	102	0.0167	0.0115	0.0000598	0.00183	0.000958	0.39	0.00000155	0.00757	0.000914	0.00205	0.00573
2100 Oct	0.000259	0.00385	0.0258	0.0000269	23.1	23.1	0.139	0.00584	102	0.0168	0.0115	0.0000598	0.00183	0.000959	0.39	0.00000155	0.00758	0.000914	0.00205	0.00573
2100 Nov	0.000259	0.00385	0.0258	0.0000269	23.2	23.1	0.139	0.00584	102	0.0168	0.0115	0.0000598	0.00183	0.000959	0.39	0.00000155	0.00758	0.000914	0.00205	0.00573
2100 Dec	0.000259	0.00385	0.0258	0.0000269	23.2	23.1	0.139	0.00584	102	0.0168	0.0115	0.0000598	0.00183	0.000959	0.39	0.00000155	0.00758	0.000915	0.00205	0.00573
2101 Jan	0.000259	0.00385	0.0258	0.0000269	23.2	23.1	0.139	0.00584	102	0.0168	0.0115	0.0000598	0.00183	0.000959	0.39	0.00000155	0.00758	0.000915	0.00205	0.00573
2101 Feb	0.000259	0.00385	0.0258	0.0000269	23.2	23.1	0.139	0.00584	102	0.0168	0.0115	0.0000598	0.00183	0.000959	0.39	0.00000155	0.00758	0.000915	0.00205	0.00573
2101 Mar	0.000259	0.00385	0.0258	0.0000269	23.2	23.1	0.139	0.00585	102	0.0168	0.0115	0.0000598	0.00183	0.000959	0.391	0.00000155	0.00758	0.000915	0.00205	0.00573
2101 Apr	0.000259	0.00385	0.0258	0.0000269	23.2	23.1	0.139	0.00585	102	0.0168	0.0115	0.0000598	0.00183	0.00096	0.391	0.00000155	0.00758	0.000915	0.00205	0.00574
2101 May	0.00026	0.00385	0.0259	0.0000269	23.2	23.1	0.139	0.00585	102	0.0168	0.0116	0.0000601	0.00183	0.00096	0.391	0.00000156	0.00759	0.000916	0.00205	0.00574
2101 Jun	0.000259	0.00384	0.0258	0.0000268	23.1	23	0.138	0.00583	101	0.0167	0.0115	0.0000601	0.00183	0.000957	0.39	0.00000155	0.00756	0.000913	0.00204	0.00572
2101 Jul	0.000261	0.00387	0.026	0.0000271	23.3	23.2	0.14	0.00588	102	0.0169	0.0116	0.0000605	0.00184	0.000965	0.393	0.00000156	0.00763	0.000921	0.00206	0.00577
2101 Aug	0.000263	0.0039	0.0261	0.0000273	23.5	23.4	0.141	0.00592	103	0.017	0.0117	0.0000609	0.00185	0.000972	0.396	0.00000157	0.00768	0.000927	0.00207	0.00581
2101 Sep	0.000262	0.0039	0.0261	0.0000273	23.5	23.4	0.141	0.00592	103	0.017	0.0117	0.0000608	0.00185	0.000972	0.396	0.00000156	0.00768	0.000927	0.00207	0.00581
2101 Oct	0.000262	0.0039	0.0261	0.0000273	23.5	23.4	0.141	0.00592	103	0.017	0.0117	0.0000607	0.00185	0.000972	0.396	0.00000156	0.00768	0.000927	0.00207	0.00581
2101 Nov	0.000262	0.00389	0.026	0.0000272	23.4	23.3	0.14	0.00591	102	0.017	0.0116	0.0000605	0.00185	0.00097	0.395	0.00000156	0.00767	0.000925	0.00207	0.0058
2101 Dec	0.000262	0.00389	0.026	0.0000272	23.4	23.3	0.14	0.00591	102	0.017	0.0116	0.0000605	0.00185	0.00097	0.395	0.00000156	0.00767	0.000925	0.00207	0.0058
2102 Jan	0.000262	0.00389	0.026	0.0000272	23.4	23.3	0.14	0.00591	102	0.017	0.0116	0.0000605	0.00185	0.00097	0.395	0.00000156	0.00767	0.000925	0.00207	0.0058
2102 Feb	0.000262	0.00389	0.026	0.0000272	23.4	23.3	0.14	0.00591	102	0.017	0.0116	0.0000605	0.00185	0.00097	0.395	0.00000156	0.00767	0.000925	0.00207	0.0058
2102 Mar	0.000262	0.00389	0.026	0.0000272	23.4	23.3	0.14	0.00591	102	0.017	0.0117	0.0000605	0.00185	0.00097	0.395	0.00000156	0.00767	0.000925	0.00207	0.0058
2102 Apr	0.000262	0.00389	0.0261	0.0000272	23.4	23.3	0.14	0.00592	102	0.017	0.0117	0.0000606	0.00185	0.00097	0.395	0.00000156	0.00767	0.000926	0.00207	0.0058
2102 May	0.000263	0.0039	0.0261	0.0000273	23.5	23.4	0.141	0.00593	103	0.017	0.0117	0.0000607	0.00186	0.000973	0.396	0.00000156	0.00769	0.000928	0.00207	0.00582
2102 Jun	0.000261	0.00388	0.026	0.0000272	23.4	23.3	0.14	0.0059	102	0.0169	0.0116	0.0000602	0.00185	0.000968	0.394	0.00000155	0.00765	0.000923	0.00206	0.00579
2102 Jul	0.000261	0.00388	0.026	0.0000272	23.4	23.3	0.14	0.00591	102	0.0169	0.0116	0.0000602	0.00185	0.000969	0.395	0.00000155	0.00766	0.000925	0.00207	0.0058
2102 Aug	0.000263	0.0039	0.0261	0.0000273	23.5	23.4	0.141	0.00594	102	0.017	0.0117	0.0000604	0.00186	0.000974	0.397	0.00000156	0.0077	0.000929	0.00208	0.00583
2102 Sep	0.000263	0.00391	0.0261	0.0000274	23.6	23.5	0.141	0.00595	102	0.0171	0.0117	0.0000604	0.00186	0.000976	0.397	0.00000156	0.00772	0.000931	0.00208	0.00584
2102 Oct	0.000262	0.0039	0.026	0.0000273	23.5	23.4	0.141	0.00593	102	0.017	0.0117	0.0000601	0.00186	0.000973	0.396	0.00000155	0.00769	0.000928	0.00207	0.00582
2102 Nov	0.000262	0.0039	0.026	0.0000273	23.5	23.4	0.141	0.00593	102	0.017	0.0117	0.0000601	0.00186	0.000973	0.396	0.00000155	0.0077	0.000928	0.00207	0.00582
2102 Dec	0.000262	0.0039	0.026	0.0000273	23.5	23.4	0.141	0.00593	102	0.017	0.0117	0.0000601	0.00186	0.000973	0.396	0.00000155	0.0077	0.000928	0.00207	0.00582
2103 Jan	0.000262	0.0039	0.026	0.0000273	23.5	23.4	0.141	0.00593	102	0.017	0.0117	0.0000601	0.00186	0.000973	0.396	0.00000155	0.0077	0.000928	0.00207	0.00582
2103 Feb	0.000262	0.0039	0.026	0.0000273	23.5	23.4	0.141	0.00593	102	0.017	0.0117	0.0000601	0.00186	0.000973	0.396	0.00000155	0.0077	0.000928	0.00207	0.00582
2103 Mar	0.000262	0.0039	0.026	0.0000273	23.5	23.4	0.141	0.00594	102	0.017	0.0117	0.0000601	0.00186	0.000974	0.396	0.00000155	0.0077	0.000928	0.00207	0.00582
2103 Apr	0.000262	0.0039	0.026	0.0000273	23.5	23.4	0.141	0.00594	102	0.017	0.0117	0.0000602	0.00186	0.000974	0.396	0.00000155	0.0077	0.000929	0.00207	0.00583
2103 May	0.000263	0.00391	0.0261	0.0000274	23.6	23.5	0.141	0.00595	102	0.0171	0.0117	0.0000605	0.00186	0.000975	0.397	0.00000156	0.00771	0.00093	0.00208	0.00583
2103 Jun	0.000261	0.00388	0.026	0.0000272	23.4	23.3	0.14	0.00591	101	0.0169	0.0116	0.0000604	0.00185	0.000969	0.394	0.00000154	0.00766	0.000925	0.00206	0.0058
2103 Jul	0.000262	0.0039	0.0261	0.0000273	23.5	23.4	0.141	0.00593	102	0.017	0.0116	0.0000605	0.00186	0.000973	0.396	0.00000154	0.0077	0.000928	0.00207	0.00582
2103 Aug	0.000262	0.0039	0.0261	0.0000274	23.5	23.5	0.141	0.00595	102	0.0171	0.0117	0.0000605	0.00186	0.000975	0.397	0.00000154	0.00771	0.00093	0.00207	0.00583
2103 Sep	0.000262	0.0039	0.026	0.0000273	23.5	23.4	0.141	0.00594	102	0.017	0.0116	0.0000603	0.00186	0.000974	0.396	0.00000154	0.00771	0.000929	0.00207	0.00583
2103 Oct	0.000261	0.00388	0.0259	0.0000272	23.4	23.3	0.14	0.00592	101	0.017	0.0116	0.0000599	0.00185	0.00097	0.395	0.00000153	0.00768	0.000925	0.00206	0.00581
2103 Nov	0.000261	0.00388	0.0259	0.0000272	23.4	23.3	0.14	0.00591	101	0.017	0.0116	0.0000598	0.00185	0.000969	0.395	0.00000153	0.00767	0.000924	0.00206	0.0058
2103 Dec	0.000261	0.00388	0.0259	0.0000272	23.4	23.3	0.14	0.00591	101	0.017	0.0116	0.0000598	0.00185	0.00097	0.395	0.00000153	0.00767	0.000924	0.00206	0.0058
2104 Jan	0.000261	0.00388	0.0259	0.0000272	23.4	23.3	0.14	0.00591	101	0.017	0.0116	0.0000598	0.00185	0.00097	0.395	0.00000153	0.00767	0.000924	0.00206	0.0058
2104 Feb	0.000261	0.00388	0.0259	0.0000272	23.4	23.3	0.14	0.00591	101	0.017	0.0116	0.0000598	0.00185	0.00097	0.395	0.00000153	0.00767	0.000925	0.00206	0.0058
2104 Mar	0.000261	0.00388	0.0259	0.0000272	23.4	23.3	0.14	0.00591	101	0.017	0.0116	0.0000598	0.00185	0.00097	0.395	0.00000153	0.00767	0.000925	0.00206	0.0058
2104 Apr	0.000261	0.00388	0.0259	0.0000272	23.4	23.3	0.14	0.00592	101	0.017	0.0116	0.0000599	0.00185	0.000971	0.395	0.00000153	0.00768	0.000925	0.00206	0.00581
2104 May	0.000261	0.00389	0.026	0.0000273	23.5	23.4	0.141	0.00593	101	0.017	0.0116	0.0000603	0.00185	0.000972	0.395	0.00000153	0.00769	0.000927	0.00206	0.00581
2104 Jun	0.00026	0.00386	0.0258	0.0000271	23.3	23.2	0.14	0.00589	100	0.0169	0.0115	0.0000601	0.00184	0.000966	0.393	0.00000152	0.00764	0.000921	0.00205	0.00578
2104 Jul	0.000261	0.00388	0.026	0.0000273	23.4	23.3	0.141	0.00592	101	0.017	0.0116	0.0000603	0.00185	0.000971	0.395	0.00000152	0.00768	0.000926	0.00206	0.00581
2104 Aug	0.000262	0.0039	0.026	0.0000274	23.5	23.4	0.141	0.00595	101	0.0171	0.0116	0.0000604	0.00186	0.000975	0.397	0.00000153	0.00771	0.00093	0.00207	0.00584
2104 Sep	0.000262	0.0039	0.026	0.0000274	23.5	23.4	0.141	0.00594	101	0.017	0.0116	0.0000603	0.00186	0.000975	0.397	0.00000152	0.00771	0.000929	0.00206	0.00583
2104 Oct	0.000261	0.00389	0.0259	0.0000273	23.5	23.4	0.141	0.00593	101	0.017	0.0116	0.0000601	0.00186	0.000972	0.396	0.00000152	0.00769	0.000927	0.00206	0.00582
2104 Nov	0.000261	0.00388	0.0259	0.0000273	23.5	23.4	0.141	0.00593	101	0.017	0.0116	0.00006	0.00186	0.000972	0.395	0.00000152	0.00769	0.000927	0.00206	0.00582
2104 Dec	0.000261	0.00389	0.0259	0.0000273	23.5	23.4	0.141	0.00593	101	0.017	0.0116	0.00006	0.00186	0.000972	0.395	0.00000152	0.00769	0.000927	0.00206	0.00582
2105 Jan	0.000261	0.00389	0.0259	0.0000273	23.5	23.4	0.141	0.00593	101	0.017	0.0116	0.00006	0.00186	0.000972	0.396	0.00000152	0.00769	0.000927	0.00206	0.00582
2105 Feb	0.000261	0.00389	0.0259	0.0000273	23.5	23.4	0.141	0.00593	101	0.017	0.0116	0.00006	0.00186	0.000972	0.396	0.00000152	0.00769	0.000927	0.00206	0.00582
2105 Mar	0.000261	0.00389	0.0259	0.0000273	23.5	23.4	0.141	0.00593	101	0.017	0.0116	0.00006	0.00186	0.000972	0.396	0.00000152	0.00769	0.000927	0.00206	0.00582
2105 Apr	0.000261	0.00389	0.0259	0.0000273	23.5	23.4	0.141	0.00593	101	0.017	0.0116	0.00006	0.00186	0.000973	0.396	0.00000152	0.0077	0.000928	0.00206	0.00582
2105 May	0.000261	0.00389	0.026	0.0000273	23.5	23.4	0.141	0.00594	101	0.017	0.0116	0.0000603	0.00186	0.000973	0.396	0.00000152	0.0077	0.000928	0.00206	0.00583

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2105 Jun	0.000261	0.00389	0.026	0.0000273	23.5	23.4	0.141	0.00594	101	0.017	0.0116	0.0000605	0.00186	0.000973	0.396	0.00000152	0.0077	0.000929	0.00206	0.00583
2105 Jul	0.000263	0.00391	0.0262	0.0000275	23.7	23.6	0.142	0.00598	101	0.0171	0.0117	0.0000608	0.00187	0.00098	0.399	0.00000153	0.00775	0.000935	0.00207	0.00586
2105 Aug	0.000263	0.00391	0.0261	0.0000275	23.7	23.6	0.142	0.00597	101	0.0171	0.0117	0.0000606	0.00187	0.000979	0.398	0.00000152	0.00775	0.000934	0.00207	0.00586
2105 Sep	0.000262	0.0039	0.026	0.0000274	23.6	23.5	0.141	0.00596	100	0.0171	0.0116	0.0000602	0.00186	0.000976	0.397	0.00000151	0.00773	0.000931	0.00206	0.00584
2105 Oct	0.000261	0.00389	0.0259	0.0000273	23.5	23.4	0.141	0.00594	100	0.017	0.0116	0.0000599	0.00186	0.000974	0.396	0.00000151	0.00771	0.000928	0.00205	0.00583
2105 Nov	0.00026	0.00388	0.0258	0.0000273	23.5	23.4	0.141	0.00593	100	0.017	0.0116	0.0000598	0.00186	0.000972	0.396	0.0000015	0.0077	0.000927	0.00205	0.00582
2105 Dec	0.00026	0.00388	0.0259	0.0000273	23.5	23.4	0.141	0.00593	100	0.017	0.0116	0.0000598	0.00186	0.000972	0.396	0.0000015	0.0077	0.000927	0.00205	0.00582
2106 Jan	0.00026	0.00388	0.0259	0.0000273	23.5	23.4	0.141	0.00593	100	0.017	0.0116	0.0000598	0.00186	0.000972	0.396	0.0000015	0.0077	0.000927	0.00205	0.00582
2106 Feb	0.000261	0.00388	0.0259	0.0000273	23.5	23.4	0.141	0.00593	100	0.017	0.0116	0.0000598	0.00186	0.000972	0.396	0.0000015	0.0077	0.000927	0.00205	0.00582
2106 Mar	0.000261	0.00388	0.0259	0.0000273	23.5	23.4	0.141	0.00593	100	0.017	0.0116	0.0000598	0.00186	0.000973	0.396	0.0000015	0.0077	0.000927	0.00205	0.00582
2106 Apr	0.000261	0.00389	0.0259	0.0000273	23.5	23.4	0.141	0.00594	100	0.017	0.0116	0.0000599	0.00186	0.000973	0.396	0.00000151	0.0077	0.000928	0.00205	0.00583
2106 May	0.000261	0.00389	0.0259	0.0000274	23.6	23.5	0.141	0.00595	100	0.0171	0.0116	0.0000601	0.00186	0.000975	0.397	0.00000151	0.00772	0.00093	0.00206	0.00584
2106 Jun	0.00026	0.00387	0.0258	0.0000272	23.4	23.3	0.14	0.00592	99.5	0.017	0.0115	0.00006	0.00185	0.00097	0.394	0.0000015	0.00768	0.000925	0.00205	0.00581
2106 Jul	0.000261	0.00389	0.026	0.0000274	23.6	23.5	0.141	0.00595	100	0.0171	0.0116	0.0000602	0.00186	0.000976	0.397	0.0000015	0.00772	0.000931	0.00206	0.00584
2106 Aug	0.000262	0.0039	0.026	0.0000275	23.6	23.5	0.142	0.00597	100	0.0171	0.0116	0.0000602	0.00187	0.000978	0.398	0.0000015	0.00774	0.000933	0.00206	0.00586
2106 Sep	0.000261	0.00389	0.0259	0.0000274	23.6	23.5	0.141	0.00596	99.9	0.0171	0.0116	0.0000599	0.00186	0.000977	0.397	0.0000015	0.00773	0.000931	0.00206	0.00585
2106 Oct	0.000261	0.00389	0.0259	0.0000274	23.6	23.5	0.141	0.00596	99.8	0.0171	0.0116	0.0000598	0.00186	0.000976	0.397	0.0000015	0.00773	0.00093	0.00205	0.00584
2106 Nov	0.000261	0.00389	0.0259	0.0000274	23.6	23.5	0.141	0.00596	99.8	0.0171	0.0116	0.0000599	0.00186	0.000976	0.397	0.0000015	0.00773	0.000931	0.00206	0.00585
2106 Dec	0.000261	0.00389	0.0259	0.0000274	23.6	23.5	0.141	0.00596	99.8	0.0171	0.0116	0.0000599	0.00186	0.000976	0.397	0.0000015	0.00773	0.000931	0.00206	0.00585
2107 Jan	0.000261	0.00389	0.0259	0.0000274	23.6	23.5	0.141	0.00596	99.8	0.0171	0.0116	0.0000599	0.00186	0.000976	0.397	0.0000015	0.00773	0.000931	0.00206	0.00585
2107 Feb	0.000261	0.00389	0.0259	0.0000274	23.6	23.5	0.141	0.00596	99.8	0.0171	0.0116	0.0000599	0.00186	0.000976	0.397	0.0000015	0.00773	0.000931	0.00206	0.00585
2107 Mar	0.000261	0.00389	0.0259	0.0000274	23.6	23.5	0.141	0.00596	99.8	0.0171	0.0116	0.0000599	0.00186	0.000977	0.397	0.0000015	0.00773	0.000931	0.00206	0.00585
2107 Apr	0.000261	0.0039	0.0259	0.0000274	23.6	23.5	0.141	0.00596	99.9	0.0171	0.0116	0.0000599	0.00187	0.000977	0.397	0.0000015	0.00773	0.000931	0.00206	0.00585
2107 May	0.000261	0.0039	0.0259	0.0000274	23.6	23.5	0.142	0.00596	99.9	0.0171	0.0116	0.00006	0.00187	0.000977	0.397	0.0000015	0.00774	0.000932	0.00206	0.00585
2107 Jun	0.000261	0.00389	0.026	0.0000274	23.6	23.5	0.141	0.00596	99.6	0.0171	0.0116	0.0000602	0.00186	0.000976	0.397	0.00000149	0.00773	0.000931	0.00205	0.00585
2107 Jul	0.000262	0.00391	0.026	0.0000275	23.7	23.6	0.142	0.00598	100	0.0172	0.0116	0.0000604	0.00187	0.00098	0.399	0.0000015	0.00776	0.000935	0.00206	0.00587
2107 Aug	0.000264	0.00393	0.0262	0.0000277	23.8	23.7	0.143	0.00602	101	0.0173	0.0117	0.0000607	0.00188	0.000986	0.401	0.0000015	0.00781	0.00094	0.00207	0.00591
2107 Sep	0.000264	0.00394	0.0262	0.0000277	23.9	23.8	0.143	0.00603	101	0.0173	0.0117	0.0000607	0.00189	0.000988	0.402	0.00000151	0.00782	0.000942	0.00208	0.00592
2107 Oct	0.000264	0.00393	0.0262	0.0000277	23.8	23.7	0.143	0.00602	100	0.0173	0.0117	0.0000605	0.00188	0.000987	0.401	0.0000015	0.00781	0.000941	0.00207	0.00591
2107 Nov	0.000264	0.00393	0.0261	0.0000277	23.8	23.7	0.143	0.00602	100	0.0173	0.0117	0.0000605	0.00188	0.000987	0.401	0.0000015	0.00781	0.000941	0.00207	0.00591
2107 Dec	0.000264	0.00393	0.0261	0.0000277	23.8	23.7	0.143	0.00602	100	0.0173	0.0117	0.0000605	0.00188	0.000987	0.401	0.0000015	0.00781	0.000941	0.00207	0.00591
2108 Jan	0.000264	0.00393	0.0262	0.0000277	23.8	23.7	0.143	0.00602	100	0.0173	0.0117	0.0000605	0.00188	0.000987	0.401	0.0000015	0.00781	0.000941	0.00207	0.00591
2108 Feb	0.000264	0.00393	0.0262	0.0000277	23.8	23.7	0.143	0.00602	100	0.0173	0.0117	0.0000605	0.00188	0.000987	0.401	0.0000015	0.00781	0.000941	0.00207	0.00591
2108 Mar	0.000264	0.00393	0.0262	0.0000277	23.8	23.7	0.143	0.00602	100	0.0173	0.0117	0.0000605	0.00188	0.000987	0.401	0.0000015	0.00781	0.000941	0.00207	0.00591
2108 Apr	0.000264	0.00394	0.0262	0.0000278	23.9	23.8	0.143	0.00603	101	0.0173	0.0117	0.0000606	0.00189	0.000988	0.402	0.0000015	0.00782	0.000942	0.00208	0.00592
2108 May	0.000265	0.00395	0.0263	0.0000278	23.9	23.8	0.144	0.00605	101	0.0173	0.0117	0.0000608	0.00189	0.000991	0.403	0.00000151	0.00785	0.000945	0.00208	0.00594
2108 Jun	0.000264	0.00394	0.0263	0.0000278	23.9	23.8	0.143	0.00604	101	0.0173	0.0117	0.0000608	0.00189	0.00099	0.402	0.0000015	0.00784	0.000944	0.00208	0.00593
2108 Jul	0.000266	0.00397	0.0264	0.000028	24.1	24	0.145	0.00609	101	0.0174	0.0118	0.0000612	0.00191	0.000997	0.406	0.00000151	0.0079	0.000951	0.00209	0.00597
2108 Aug	0.000268	0.004	0.0266	0.0000282	24.3	24.2	0.146	0.00614	102	0.0176	0.0119	0.0000616	0.00192	0.00101	0.409	0.00000153	0.00796	0.000959	0.00211	0.00602
2108 Sep	0.000269	0.00401	0.0267	0.0000283	24.3	24.2	0.146	0.00615	102	0.0176	0.0119	0.0000616	0.00192	0.00101	0.409	0.00000153	0.00797	0.00096	0.00211	0.00603
2108 Oct	0.000267	0.00399	0.0265	0.0000282	24.2	24.1	0.145	0.00612	102	0.0175	0.0119	0.0000612	0.00191	0.001	0.408	0.00000152	0.00794	0.000956	0.0021	0.00601
2108 Nov	0.000267	0.00399	0.0265	0.0000282	24.2	24.1	0.145	0.00612	102	0.0175	0.0119	0.0000612	0.00191	0.001	0.407	0.00000152	0.00794	0.000955	0.0021	0.006
2108 Dec	0.000267	0.00399	0.0265	0.0000282	24.2	24.1	0.145	0.00612	102	0.0175	0.0119	0.0000612	0.00191	0.001	0.407	0.00000152	0.00794	0.000955	0.0021	0.006
2109 Jan	0.000267	0.00399	0.0265	0.0000282	24.2	24.1	0.145	0.00612	102	0.0175	0.0119	0.0000612	0.00191	0.001	0.407	0.00000152	0.00794	0.000955	0.0021	0.006
2109 Feb	0.000267	0.00399	0.0265	0.0000282	24.2	24.1	0.145	0.00612	102	0.0175	0.0119	0.0000612	0.00191	0.001	0.407	0.00000152	0.00794	0.000955	0.0021	0.006
2109 Mar	0.000267	0.00399	0.0265	0.0000282	24.2	24.1	0.145	0.00612	102	0.0175	0.0119	0.0000612	0.00191	0.001	0.408	0.00000152	0.00794	0.000955	0.0021	0.00601
2109 Apr	0.000268	0.00399	0.0265	0.0000282	24.2	24.1	0.145	0.00612	102	0.0176	0.0119	0.0000612	0.00192	0.001	0.408	0.00000152	0.00795	0.000956	0.0021	0.00601
2109 May	0.000268	0.004	0.0266	0.0000282	24.3	24.1	0.146	0.00613	102	0.0176	0.0119	0.0000615	0.00192	0.001	0.408	0.00000152	0.00795	0.000957	0.00211	0.00602
2109 Jun	0.000268	0.004	0.0267	0.0000282	24.3	24.2	0.146	0.00614	102	0.0176	0.0119	0.0000618	0.00192	0.00101	0.409	0.00000152	0.00796	0.000959	0.00211	0.00602
2109 Jul	0.00027	0.00402	0.0268	0.0000284	24.4	24.3	0.146	0.00617	102	0.0177	0.0119	0.000062	0.00193	0.00101	0.411	0.00000152	0.00801	0.000964	0.00212	0.00606
2109 Aug	0.000271	0.00404	0.0269	0.0000285	24.5	24.4	0.147	0.0062	103	0.0178	0.012	0.0000623	0.00194	0.00102	0.413	0.00000153	0.00805	0.000969	0.00213	0.00609
2109 Sep	0.000271	0.00404	0.0269	0.0000285	24.5	24.4	0.147	0.0062	103	0.0178	0.012	0.0000621	0.00194	0.00102	0.413	0.00000153	0.00805	0.000968	0.00213	0.00609
2109 Oct	0.00027	0.00402	0.0267	0.0000284	24.4	24.3	0.147	0.00618	102	0.0177	0.0119	0.0000617	0.00193	0.00101	0.411	0.00000152	0.00801	0.000964	0.00212	0.00606
2109 Nov	0.00027	0.00403	0.0267	0.0000284	24.4	24.3	0.147	0.00618	102	0.0177	0.0119	0.0000617	0.00193	0.00101	0.411	0.00000152	0.00801	0.000964	0.00212	0.00606
2109 Dec	0.00027	0.00403	0.0267	0.0000284	24.4	24.3	0.147	0.00618	102	0.0177	0.0119	0.0000617	0.00193	0.00101	0.411	0.00000152	0.00802	0.000964	0.00212	0.00606
2110 Jan	0.00027	0.00403	0.0267	0.0000284	24.4	24.3	0.147	0.00618	102	0.0177	0.0119	0.0000617	0.00193	0.00101	0.411	0.00000152	0.00802	0.000965	0.00212	0.00606
2110 Feb	0.00027	0.00403	0.0267	0.0000284	24.4	24.3	0.147	0.00618	102	0.0177	0.0119	0.0000617	0.00193	0.00101	0.411	0.00000152	0.00802	0.000965	0.00212	0.00606
2110 Mar	0.00027	0.00403	0.0267	0.0000284	24.4	24.3	0.147	0.00618	102	0.0177	0.012	0.0000617	0.00193	0.00101	0.411	0.00000152	0.00802	0.000965	0.00212	0.00606
2110 Apr	0.00027	0.00403	0.0267	0.0000284	24.5	24.3	0.147	0.00618	102	0.0177	0.012	0.0000618	0.00193	0.00101	0.412	0.00000152	0.00802	0.000965	0.00212	0.00607
2110 May	0.00027	0.00403	0.0268	0.0000285	24.5	24.4	0.147	0.00619	102	0.0177	0.012	0.0000619	0.00194	0.00101	0.412	0.00000152	0.00803	0.000967	0.00212	0.00608

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2110 Jun	0.000269	0.00401	0.0267	0.0000283	24.4	24.3	0.146	0.00616	102	0.0176	0.0119	0.0000619	0.00193	0.00101	0.41	0.00000151	0.00799	0.000962	0.00211	0.00604
2110 Jul	0.00027	0.00403	0.0268	0.0000285	24.5	24.4	0.147	0.00619	102	0.0177	0.012	0.0000621	0.00194	0.00101	0.412	0.00000152	0.00803	0.000967	0.00212	0.00607
2110 Aug	0.000269	0.00402	0.0267	0.0000284	24.4	24.3	0.146	0.00617	102	0.0177	0.0119	0.0000617	0.00193	0.00101	0.411	0.00000151	0.00801	0.000963	0.00211	0.00606
2110 Sep	0.000267	0.004	0.0265	0.0000282	24.3	24.2	0.146	0.00614	101	0.0176	0.0118	0.0000611	0.00192	0.00101	0.409	0.0000015	0.00797	0.000958	0.0021	0.00603
2110 Oct	0.000266	0.00397	0.0263	0.0000281	24.2	24.1	0.145	0.00611	100	0.0175	0.0118	0.0000607	0.00191	0.001	0.407	0.00000149	0.00793	0.000953	0.00209	0.006
2110 Nov	0.000266	0.00397	0.0263	0.0000281	24.1	24	0.145	0.0061	100	0.0175	0.0118	0.0000606	0.00191	0.000999	0.406	0.00000148	0.00792	0.000952	0.00208	0.00599
2110 Dec	0.000266	0.00397	0.0263	0.0000281	24.1	24	0.145	0.0061	100	0.0175	0.0118	0.0000606	0.00191	0.000999	0.406	0.00000148	0.00792	0.000952	0.00208	0.00599
2111 Jan	0.000266	0.00397	0.0263	0.0000281	24.1	24	0.145	0.0061	100	0.0175	0.0118	0.0000606	0.00191	0.000999	0.406	0.00000148	0.00792	0.000952	0.00209	0.00599
2111 Feb	0.000266	0.00397	0.0263	0.0000281	24.1	24	0.145	0.0061	100	0.0175	0.0118	0.0000606	0.00191	0.000999	0.406	0.00000148	0.00792	0.000952	0.00209	0.00599
2111 Mar	0.000266	0.00397	0.0263	0.0000281	24.1	24	0.145	0.0061	100	0.0175	0.0118	0.0000606	0.00191	0.000999	0.406	0.00000148	0.00792	0.000952	0.00209	0.00599
2111 Apr	0.000266	0.00397	0.0263	0.0000281	24.2	24.1	0.145	0.00611	100	0.0175	0.0118	0.0000606	0.00191	0.001	0.407	0.00000148	0.00793	0.000953	0.00209	0.006
2111 May	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00612	100	0.0175	0.0118	0.0000609	0.00191	0.001	0.407	0.00000149	0.00794	0.000955	0.00209	0.00601
2111 Jun	0.000266	0.00397	0.0264	0.0000281	24.1	24	0.145	0.0061	99.9	0.0175	0.0118	0.0000611	0.00191	0.000999	0.406	0.00000148	0.00792	0.000953	0.00208	0.00599
2111 Jul	0.000268	0.004	0.0266	0.0000283	24.3	24.2	0.146	0.00615	101	0.0176	0.0119	0.0000615	0.00192	0.00101	0.409	0.00000149	0.00798	0.00096	0.0021	0.00604
2111 Aug	0.000268	0.004	0.0266	0.0000283	24.3	24.2	0.146	0.00615	101	0.0176	0.0119	0.0000613	0.00193	0.00101	0.409	0.00000149	0.00798	0.00096	0.0021	0.00604
2111 Sep	0.000268	0.004	0.0265	0.0000283	24.3	24.2	0.146	0.00615	100	0.0176	0.0118	0.0000612	0.00193	0.00101	0.409	0.00000149	0.00798	0.00096	0.0021	0.00604
2111 Oct	0.000267	0.00399	0.0264	0.0000282	24.2	24.1	0.146	0.00613	100	0.0176	0.0118	0.0000609	0.00192	0.001	0.408	0.00000148	0.00796	0.000957	0.00209	0.00602
2111 Nov	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00612	99.8	0.0175	0.0118	0.0000607	0.00191	0.001	0.407	0.00000147	0.00794	0.000955	0.00209	0.00601
2111 Dec	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00612	99.8	0.0175	0.0118	0.0000607	0.00191	0.001	0.407	0.00000147	0.00794	0.000955	0.00209	0.00601
2112 Jan	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00612	99.8	0.0175	0.0118	0.0000607	0.00191	0.001	0.407	0.00000147	0.00794	0.000955	0.00209	0.00601
2112 Feb	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00612	99.8	0.0175	0.0118	0.0000607	0.00191	0.001	0.407	0.00000147	0.00794	0.000955	0.00209	0.00601
2112 Mar	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00612	99.8	0.0175	0.0118	0.0000607	0.00192	0.001	0.407	0.00000148	0.00794	0.000955	0.00209	0.00601
2112 Apr	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00613	99.9	0.0176	0.0118	0.0000608	0.00192	0.001	0.408	0.00000148	0.00795	0.000956	0.00209	0.00601
2112 May	0.000267	0.00399	0.0265	0.0000282	24.3	24.1	0.146	0.00613	100	0.0176	0.0118	0.0000611	0.00192	0.001	0.408	0.00000148	0.00796	0.000957	0.00209	0.00602
2112 Jun	0.000264	0.00394	0.0262	0.0000279	24	23.9	0.144	0.00607	98.8	0.0174	0.0117	0.0000607	0.0019	0.000994	0.404	0.00000146	0.00788	0.000948	0.00207	0.00596
2112 Jul	0.000265	0.00396	0.0263	0.000028	24.1	24	0.145	0.00609	99	0.0175	0.0117	0.0000608	0.00191	0.000998	0.405	0.00000146	0.00791	0.000951	0.00207	0.00598
2112 Aug	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00613	99.5	0.0176	0.0118	0.0000611	0.00192	0.001	0.408	0.00000147	0.00795	0.000956	0.00209	0.00602
2112 Sep	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.146	0.00613	99.5	0.0176	0.0118	0.000061	0.00192	0.001	0.408	0.00000147	0.00796	0.000957	0.00209	0.00602
2112 Oct	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00613	99.4	0.0176	0.0118	0.0000609	0.00192	0.001	0.407	0.00000146	0.00795	0.000956	0.00208	0.00601
2112 Nov	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00613	99.4	0.0176	0.0118	0.0000609	0.00192	0.001	0.408	0.00000146	0.00795	0.000956	0.00208	0.00601
2112 Dec	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00613	99.4	0.0176	0.0118	0.0000609	0.00192	0.001	0.408	0.00000146	0.00795	0.000956	0.00208	0.00602
2113 Jan	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00613	99.4	0.0176	0.0118	0.0000609	0.00192	0.001	0.408	0.00000146	0.00795	0.000956	0.00208	0.00602
2113 Feb	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.145	0.00613	99.4	0.0176	0.0118	0.0000609	0.00192	0.001	0.408	0.00000146	0.00795	0.000956	0.00208	0.00602
2113 Mar	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.146	0.00613	99.4	0.0176	0.0118	0.0000609	0.00192	0.001	0.408	0.00000146	0.00796	0.000957	0.00209	0.00602
2113 Apr	0.000266	0.00398	0.0264	0.0000282	24.3	24.1	0.146	0.00614	99.5	0.0176	0.0118	0.000061	0.00192	0.001	0.408	0.00000147	0.00796	0.000957	0.00209	0.00602
2113 May	0.000267	0.00399	0.0265	0.0000283	24.3	24.2	0.146	0.00615	99.7	0.0176	0.0118	0.0000612	0.00192	0.00101	0.409	0.00000147	0.00797	0.000959	0.00209	0.00603
2113 Jun	0.000266	0.00398	0.0264	0.0000282	24.2	24.1	0.146	0.00613	99.2	0.0176	0.0118	0.0000613	0.00192	0.001	0.408	0.00000146	0.00795	0.000956	0.00208	0.00601
2113 Jul	0.000268	0.004	0.0266	0.0000284	24.4	24.3	0.146	0.00616	99.7	0.0177	0.0118	0.0000616	0.00193	0.00101	0.41	0.00000147	0.008	0.000962	0.00209	0.00605
2113 Aug	0.000269	0.00402	0.0267	0.0000285	24.5	24.4	0.147	0.00619	100	0.0177	0.0119	0.0000618	0.00194	0.00101	0.412	0.00000147	0.00804	0.000966	0.0021	0.00608
2113 Sep	0.000269	0.00402	0.0266	0.0000285	24.5	24.4	0.147	0.00619	100	0.0177	0.0119	0.0000616	0.00194	0.00101	0.412	0.00000147	0.00803	0.000966	0.0021	0.00608
2113 Oct	0.000267	0.00399	0.0265	0.0000283	24.3	24.2	0.146	0.00615	99.3	0.0176	0.0118	0.0000611	0.00193	0.00101	0.409	0.00000146	0.00799	0.00096	0.00209	0.00604
2113 Nov	0.000267	0.00399	0.0264	0.0000283	24.3	24.2	0.146	0.00615	99.2	0.0176	0.0118	0.000061	0.00192	0.00101	0.409	0.00000146	0.00798	0.000959	0.00209	0.00604
2113 Dec	0.000267	0.00399	0.0264	0.0000283	24.3	24.2	0.146	0.00615	99.2	0.0176	0.0118	0.000061	0.00192	0.00101	0.409	0.00000146	0.00798	0.000959	0.00209	0.00604
2114 Jan	0.000267	0.00399	0.0264	0.0000283	24.3	24.2	0.146	0.00615	99.2	0.0176	0.0118	0.000061	0.00192	0.00101	0.409	0.00000146	0.00798	0.000959	0.00209	0.00604
2114 Feb	0.000267	0.00399	0.0264	0.0000283	24.3	24.2	0.146	0.00615	99.2	0.0176	0.0118	0.000061	0.00192	0.00101	0.409	0.00000146	0.00798	0.000959	0.00209	0.00604
2114 Mar	0.000267	0.00399	0.0264	0.0000283	24.3	24.2	0.146	0.00615	99.2	0.0176	0.0118	0.000061	0.00192	0.00101	0.409	0.00000146	0.00798	0.000959	0.00209	0.00604
2114 Apr	0.000267	0.00399	0.0265	0.0000283	24.3	24.2	0.146	0.00615	99.3	0.0176	0.0118	0.0000611	0.00193	0.00101	0.409	0.00000146	0.00799	0.00096	0.00209	0.00604
2114 May	0.000267	0.00399	0.0265	0.0000283	24.3	24.2	0.146	0.00615	99.2	0.0176	0.0118	0.0000612	0.00193	0.00101	0.409	0.00000146	0.00799	0.00096	0.00209	0.00604
2114 Jun	0.000267	0.004	0.0266	0.0000284	24.4	24.3	0.146	0.00617	99.3	0.0177	0.0118	0.0000616	0.00193	0.00101	0.41	0.00000146	0.008	0.000962	0.00209	0.00605
2114 Jul	0.00027	0.00403	0.0268	0.0000286	24.6	24.5	0.148	0.00622	100	0.0178	0.0119	0.0000621	0.00195	0.00102	0.414	0.00000147	0.00807	0.000971	0.00211	0.00611
2114 Aug	0.000272	0.00406	0.027	0.0000289	24.8	24.7	0.149	0.00627	101	0.018	0.012	0.0000625	0.00196	0.00103	0.417	0.00000148	0.00814	0.000978	0.00213	0.00616
2114 Sep	0.000271	0.00406	0.0269	0.0000288	24.8	24.7	0.149	0.00626	101	0.0179	0.012	0.0000623	0.00196	0.00103	0.417	0.00000148	0.00813	0.000977	0.00212	0.00615
2114 Oct	0.000271	0.00405	0.0268	0.0000287	24.7	24.6	0.148	0.00625	100	0.0179	0.012	0.000062	0.00195	0.00102	0.415	0.00000147	0.00811	0.000974	0.00212	0.00613
2114 Nov	0.00027	0.00404	0.0267	0.0000287	24.6	24.5	0.148	0.00623	100	0.0178	0.0119	0.0000618	0.00195	0.00102	0.414	0.00000146	0.00808	0.000972	0.00211	0.00612
2114 Dec	0.00027	0.00404	0.0267	0.0000287	24.6	24.5	0.148	0.00623	100	0.0178	0.0119	0.0000618	0.00195	0.00102	0.414	0.00000146	0.00808	0.000971	0.00211	0.00612
2115 Jan	0.00027	0.00404	0.0267	0.0000287	24.6	24.5	0.148	0.00623	100	0.0178	0.0119	0.0000618	0.00195	0.00102	0.414	0.00000146	0.00808	0.000972	0.00211	0.00612
2115 Feb	0.00027	0.00404	0.0267	0.0000287	24.6	24.5	0.148	0.00623	100	0.0178	0.0119	0.0000618	0.00195	0.00102	0.414	0.00000146	0.00808	0.000972	0.00211	0.00612
2115 Mar	0.00027	0.00404	0.0268	0.0000287	24.6	24.5	0.148	0.00623	100	0.0178	0.0119	0.0000618	0.00195	0.00102	0.414	0.00000146	0.00809	0.000972	0.00211	0.00612
2115 Apr	0.00027	0.00404	0.0268	0.0000287	24.6	24.5	0.148	0.00623	100	0.0179	0.0119	0.0000618	0.00195	0.00102	0.414	0.00000147	0.00809	0.000972	0.00211	0.00612
2115 May	0.00027	0.00404	0.0268	0.0000287	24.6	24.5	0.148	0.00624	100	0.0179	0.0119	0.000062	0.00195	0.00102	0.415	0.00000147	0.00809	0.000973	0.00211	0.00612

Appendix C.2-20: WES04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2115 Jun	0.000271	0.00406	0.027	0.0000288	24.8	24.6	0.149	0.00626	100	0.0179	0.012	0.0000625	0.00196	0.00102	0.416	0.00000147	0.00813	0.000977	0.00212	0.00615
2115 Jul	0.000273	0.00409	0.0271	0.000029	24.9	24.8	0.15	0.00631	101	0.0181	0.0121	0.0000629	0.00197	0.00103	0.419	0.00000148	0.00819	0.000985	0.00214	0.0062
2115 Aug	0.000273	0.00408	0.0271	0.000029	24.9	24.8	0.15	0.00631	101	0.0181	0.012	0.0000626	0.00197	0.00103	0.419	0.00000148	0.00818	0.000984	0.00213	0.00619
2115 Sep	0.000273	0.00409	0.0271	0.000029	25	24.8	0.15	0.00631	101	0.0181	0.0121	0.0000626	0.00198	0.00103	0.42	0.00000148	0.00819	0.000984	0.00213	0.0062
2115 Oct	0.000273	0.00409	0.0271	0.0000291	25	24.8	0.15	0.00631	101	0.0181	0.0121	0.0000625	0.00198	0.00103	0.42	0.00000148	0.0082	0.000985	0.00213	0.0062
2115 Nov	0.000273	0.00408	0.027	0.000029	24.9	24.8	0.15	0.00631	101	0.0181	0.012	0.0000624	0.00197	0.00103	0.419	0.00000147	0.00819	0.000983	0.00213	0.00619
2115 Dec	0.000273	0.00408	0.027	0.000029	24.9	24.8	0.15	0.00631	101	0.0181	0.012	0.0000624	0.00197	0.00103	0.419	0.00000147	0.00819	0.000983	0.00213	0.00619
2116 Jan	0.000273	0.00408	0.027	0.000029	24.9	24.8	0.15	0.00631	101	0.0181	0.012	0.0000624	0.00197	0.00103	0.419	0.00000147	0.00819	0.000983	0.00213	0.00619
2116 Feb	0.000273	0.00408	0.027	0.000029	24.9	24.8	0.15	0.00631	101	0.0181	0.012	0.0000624	0.00197	0.00103	0.419	0.00000147	0.00819	0.000984	0.00213	0.00619
2116 Mar	0.000273	0.00408	0.027	0.000029	24.9	24.8	0.15	0.00631	101	0.0181	0.012	0.0000624	0.00197	0.00103	0.419	0.00000147	0.00819	0.000984	0.00213	0.00619
2116 Apr	0.000273	0.00409	0.0271	0.000029	25	24.8	0.15	0.00631	101	0.0181	0.0121	0.0000625	0.00198	0.00103	0.42	0.00000147	0.00819	0.000984	0.00213	0.0062
2116 May	0.000273	0.00409	0.0271	0.0000291	25	24.9	0.15	0.00632	101	0.0181	0.0121	0.0000627	0.00198	0.00103	0.42	0.00000148	0.0082	0.000986	0.00214	0.0062
2116 Jun	0.000271	0.00406	0.027	0.0000288	24.8	24.7	0.149	0.00627	100	0.018	0.012	0.0000625	0.00196	0.00103	0.417	0.00000146	0.00814	0.000978	0.00212	0.00616
2116 Jul	0.000273	0.00409	0.0271	0.0000291	25	24.8	0.15	0.00632	101	0.0181	0.0121	0.0000629	0.00198	0.00103	0.42	0.00000147	0.0082	0.000986	0.00213	0.0062
2116 Aug	0.000275	0.00411	0.0273	0.0000293	25.1	25	0.151	0.00636	101	0.0182	0.0121	0.0000633	0.00199	0.00104	0.423	0.00000148	0.00825	0.000992	0.00215	0.00624
2116 Sep	0.000274	0.0041	0.0272	0.0000292	25.1	24.9	0.151	0.00634	101	0.0182	0.0121	0.0000629	0.00198	0.00104	0.421	0.00000147	0.00823	0.000989	0.00214	0.00623
2116 Oct	0.000273	0.00409	0.0271	0.0000291	25	24.9	0.15	0.00632	101	0.0181	0.012	0.0000626	0.00198	0.00103	0.42	0.00000146	0.0082	0.000986	0.00213	0.00621
2116 Nov	0.000273	0.00409	0.0271	0.0000291	25	24.9	0.15	0.00632	101	0.0181	0.012	0.0000626	0.00198	0.00103	0.42	0.00000146	0.0082	0.000986	0.00213	0.00621
2116 Dec	0.000273	0.00409	0.0271	0.0000291	25	24.9	0.15	0.00632	101	0.0181	0.012	0.0000626	0.00198	0.00103	0.42	0.00000146	0.0082	0.000986	0.00213	0.00621
2117 Jan	0.000273	0.00409	0.0271	0.0000291	25	24.9	0.15	0.00632	101	0.0181	0.012	0.0000626	0.00198	0.00103	0.42	0.00000146	0.00821	0.000986	0.00213	0.00621
2117 Feb	0.000273	0.00409	0.0271	0.0000291	25	24.9	0.15	0.00632	101	0.0181	0.012	0.0000626	0.00198	0.00103	0.42	0.00000146	0.00821	0.000986	0.00213	0.00621
2117 Mar	0.000273	0.00409	0.0271	0.0000291	25	24.9	0.15	0.00632	101	0.0181	0.012	0.0000626	0.00198	0.00103	0.42	0.00000146	0.00821	0.000986	0.00213	0.00621
2117 Apr	0.000273	0.00409	0.0271	0.0000291	25	24.9	0.15	0.00633	101	0.0181	0.0121	0.0000627	0.00198	0.00104	0.42	0.00000147	0.00821	0.000987	0.00213	0.00621
2117 May	0.000274	0.0041	0.0272	0.0000292	25	24.9	0.151	0.00634	101	0.0182	0.0121	0.0000629	0.00198	0.00104	0.421	0.00000147	0.00823	0.000989	0.00214	0.00622
2117 Jun	0.000274	0.0041	0.0273	0.0000292	25.1	25	0.151	0.00635	101	0.0182	0.0121	0.0000632	0.00199	0.00104	0.422	0.00000147	0.00824	0.00099	0.00214	0.00623
2117 Jul	0.000276	0.00414	0.0275	0.0000294	25.3	25.2	0.152	0.0064	102	0.0183	0.0122	0.0000637	0.002	0.00105	0.425	0.00000148	0.00831	0.000998	0.00216	0.00628
2117 Aug	0.000278	0.00415	0.0276	0.0000296	25.4	25.3	0.153	0.00643	102	0.0184	0.0122	0.0000638	0.00201	0.00105	0.427	0.00000148	0.00834	0.001	0.00217	0.00631
2117 Sep	0.000278	0.00416	0.0276	0.0000296	25.4	25.3	0.153	0.00644	102	0.0184	0.0123	0.0000639	0.00202	0.00105	0.428	0.00000149	0.00836	0.001	0.00217	0.00632
2117 Oct	0.000278	0.00416	0.0276	0.0000296	25.4	25.3	0.153	0.00643	102	0.0184	0.0122	0.0000638	0.00201	0.00105	0.427	0.00000148	0.00835	0.001	0.00217	0.00632
2117 Nov	0.000278	0.00416	0.0275	0.0000296	25.4	25.3	0.153	0.00643	102	0.0184	0.0122	0.0000637	0.00201	0.00105	0.427	0.00000148	0.00835	0.001	0.00217	0.00632
2117 Dec	0.000278	0.00416	0.0275	0.0000296	25.4	25.3	0.153	0.00643	102	0.0184	0.0122	0.0000637	0.00201	0.00105	0.427	0.00000148	0.00835	0.001	0.00217	0.00632
2118 Jan	0.000278	0.00416	0.0275	0.0000296	25.4	25.3	0.153	0.00643	102	0.0184	0.0122	0.0000637	0.00201	0.00105	0.427	0.00000148	0.00835	0.001	0.00217	0.00632
2118 Feb	0.000278	0.00416	0.0275	0.0000296	25.4	25.3	0.153	0.00643	102	0.0184	0.0122	0.0000637	0.00201	0.00105	0.427	0.00000148	0.00835	0.001	0.00217	0.00632
2118 Mar	0.000278	0.00416	0.0275	0.0000296	25.4	25.3	0.153	0.00643	102	0.0184	0.0122	0.0000637	0.00201	0.00105	0.427	0.00000148	0.00835	0.001	0.00217	0.00632
2118 Apr	0.000278	0.00416	0.0276	0.0000296	25.4	25.3	0.153	0.00644	102	0.0184	0.0123	0.0000638	0.00201	0.00105	0.428	0.00000148	0.00836	0.001	0.00217	0.00632
2118 May	0.000278	0.00415	0.0276	0.0000296	25.4	25.3	0.153	0.00643	102	0.0184	0.0122	0.000064	0.00201	0.00105	0.427	0.00000148	0.00834	0.001	0.00216	0.00631
2118 Jun	0.000276	0.00413	0.0275	0.0000294	25.2	25.1	0.152	0.00639	101	0.0183	0.0122	0.0000639	0.002	0.00104	0.424	0.00000147	0.00829	0.000997	0.00215	0.00627
2118 Jul	0.000278	0.00416	0.0277	0.0000297	25.5	25.3	0.153	0.00645	102	0.0185	0.0123	0.0000644	0.00202	0.00105	0.428	0.00000148	0.00837	0.00101	0.00217	0.00633
2118 Aug	0.000279	0.00417	0.0277	0.0000297	25.5	25.4	0.153	0.00645	102	0.0185	0.0123	0.0000643	0.00202	0.00106	0.429	0.00000148	0.00838	0.00101	0.00217	0.00634
2118 Sep	0.000277	0.00415	0.0275	0.0000296	25.4	25.3	0.153	0.00642	101	0.0184	0.0122	0.0000638	0.00201	0.00105	0.427	0.00000147	0.00834	0.001	0.00216	0.00631
2118 Oct	0.000276	0.00413	0.0274	0.0000295	25.3	25.2	0.152	0.0064	101	0.0183	0.0122	0.0000635	0.002	0.00105	0.425	0.00000146	0.00831	0.000998	0.00215	0.00629
2118 Nov	0.000276	0.00413	0.0274	0.0000294	25.3	25.2	0.152	0.0064	101	0.0183	0.0121	0.0000634	0.002	0.00105	0.425	0.00000146	0.0083	0.000997	0.00215	0.00628
2118 Dec	0.000276	0.00413	0.0274	0.0000294	25.3	25.2	0.152	0.0064	101	0.0183	0.0121	0.0000634	0.002	0.00105	0.425	0.00000146	0.00831	0.000998	0.00215	0.00628
2119 Jan	0.000276	0.00413	0.0274	0.0000294	25.3	25.2	0.152	0.0064	101	0.0183	0.0121	0.0000634	0.002	0.00105	0.425	0.00000146	0.00831	0.000998	0.00215	0.00628
2119 Feb	0.000276	0.00413	0.0274	0.0000294	25.3	25.2	0.152	0.0064	101	0.0183	0.0122	0.0000634	0.002	0.00105	0.425	0.00000146	0.00831	0.000998	0.00215	0.00628
2119 Mar	0.000276	0.00413	0.0274	0.0000294	25.3	25.2	0.152	0.0064	101	0.0183	0.0122	0.0000634	0.002	0.00105	0.425	0.00000146	0.00831	0.000998	0.00215	0.00629
2119 Apr	0.000276	0.00414	0.0274	0.0000295	25.3	25.2	0.152	0.00641	101	0.0184	0.0122	0.0000635	0.00201	0.00105	0.426	0.00000146	0.00832	0.000999	0.00215	0.00629
2119 May	0.000276	0.00412	0.0275	0.0000294	25.2	25.1	0.152	0.00639	101	0.0183	0.0121	0.0000637	0.002	0.00104	0.424	0.00000145	0.00829	0.000997	0.00214	0.00627
2119 Jun	0.000275	0.00412	0.0274	0.0000294	25.2	25.1	0.152	0.00638	100	0.0183	0.0121	0.0000637	0.002	0.00104	0.424	0.00000145	0.00828	0.000995	0.00214	0.00627
2119 Jul	0.000277	0.00415	0.0276	0.0000296	25.4	25.3	0.153	0.00643	101	0.0184	0.0122	0.0000641	0.00201	0.00105	0.427	0.00000146	0.00835	0.001	0.00216	0.00632
2119 Aug	0.000279	0.00417	0.0277	0.0000297	25.5	25.4	0.154	0.00646	101	0.0185	0.0123	0.0000643	0.00202	0.00106	0.429	0.00000147	0.00839	0.00101	0.00217	0.00635
2119 Sep	0.000278	0.00416	0.0276	0.0000297	25.5	25.4	0.153	0.00645	101	0.0185	0.0122	0.000064	0.00202	0.00105	0.428	0.00000146	0.00837	0.00101	0.00216	0.00633
2119 Oct	0.000277	0.00415	0.0275	0.0000296	25.4	25.3	0.153	0.00643	101	0.0184	0.0122	0.0000638	0.00201	0.00105	0.427	0.00000146	0.00835	0.001	0.00216	0.00632
2119 Nov	0.000277	0.00414	0.0275	0.0000296	25.4	25.3	0.153	0.00643	101	0.0184	0.0122	0.0000636	0.00201	0.00105	0.427	0.00000145	0.00834	0.001	0.00215	0.00631
2119 Dec	0.000277	0.00414	0.0275	0.0000296	25.4	25.3	0.153	0.00643	101	0.0184	0.0122	0.0000636	0.00201	0.00105	0.427	0.00000145	0.00834	0.001	0.00215	0.00631

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	312	0.455	1.13	0.023	148	0.0446	46.9	0.000357	0.000357	0.00000421	0.00558	0.00235	0.0561	0.0114	0.00000702	16.4	0.000017	0.000543
Operation (2024-2031): Mean	3740	6.52	11.5	0.206	1000	0.377	517	0.00142	0.00142	0.000012	0.0229	0.0114	0.545	0.0455	0.0000245	135	0.000121	0.0022
Operation (2024-2031): Max	9030	15.3	28	0.519	2810	0.976	1280	0.00404	0.00404	0.0000353	0.0618	0.0328	1.36	0.134	0.0000732	342	0.000299	0.00691
Active Closure (2032-2038): Min	305	0.489	0.684	0.0145	107	0.0621	68.1	0.000844	0.000844	0.00000458	0.00708	0.00171	0.0684	0.0148	0.00000521	28.7	0.0000257	0.000492
Active Closure (2032-2038): Mean	1070	1.82	2.91	0.0544	303	0.133	174	0.00103	0.00103	0.00000624	0.0109	0.00352	0.177	0.0245	0.00000867	53.3	0.0000492	0.000858
Active Closure (2032-2038): Max	12600	22.4	37.6	0.656	2920	1.18	1710	0.00361	0.00361	0.0000301	0.0679	0.0308	1.77	0.117	0.0000611	429	0.000396	0.00539
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	82.9	0.0717	0.0523	0.00165	22.6	0.0312	13.2	0.000876	0.000876	0.00000456	0.00588	0.00108	0.0173	0.0145	0.00000463	17	0.000016	0.000271
Post Closure (2039-2119): Mean	114	0.12	0.139	0.0035	33.9	0.0378	22.3	0.000955	0.000955	0.00000489	0.0065	0.00127	0.0268	0.0202	0.00000504	20.5	0.0000186	0.000315
Post Closure (2039-2119): Max	345	0.554	0.774	0.0164	121	0.0706	77.2	0.00106	0.00106	0.0000054	0.00805	0.00194	0.0775	0.0253	0.000006	32.5	0.0000292	0.000557
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun	312	0.455	1.13	0.023	148	0.0446	46.9	0.00062	0.00062	0.00000421	0.00558	0.00235	0.0561	0.0114	0.00000702	16.4	0.0000211	0.000543
2025 Jul	457	0.667	1.66	0.0336	219	0.0796	69.9	0.000879	0.000879	0.00000602	0.00599	0.00362	0.0804	0.0191	0.0000101	25.2	0.000017	0.000723
2025 Aug	1210	1.85	4.6	0.0918	598	0.159	190	0.000731	0.000731	0.00000818	0.00818	0.00815	0.212	0.0285	0.0000196	51.6	0.0000356	0.00184
2025 Sep	1160	1.78	4.34	0.0868	567	0.155	180	0.000758	0.000758	0.00000806	0.0095	0.00778	0.202	0.0291	0.0000188	51.1	0.0000382	0.00177
2025 Oct	913	1.43	3.39	0.0679	445	0.131	142	0.000825	0.000825	0.00000746	0.00977	0.00634	0.16	0.027	0.0000159	43.7	0.0000347	0.00143
2025 Nov	953	1.49	3.54	0.0709	464	0.139	148	0.000898	0.000898	0.00000797	0.0105	0.00665	0.167	0.0288	0.0000167	46.2	0.0000368	0.0015
2025 Dec	1140	1.79	4.23	0.0848	555	0.166	177	0.00107	0.00107	0.00000953	0.0126	0.00796	0.2	0.0345	0.00002	55.3	0.000044	0.00179
2026 Jan	1420	2.22	5.25	0.105	689	0.206	219	0.00133	0.00133	0.0000118	0.0156	0.00987	0.248	0.0428	0.0000248	68.6	0.0000546	0.00222
2026 Feb	1710	2.68	6.35	0.127	833	0.249	265	0.00161	0.00161	0.0000143	0.0189	0.0119	0.3	0.0518	0.00003	83	0.000066	0.00269
2026 Mar	2070	3.24	7.68	0.154	1010	0.301	321	0.00195	0.00195	0.0000173	0.0229	0.0144	0.362	0.0626	0.0000363	100	0.0000798	0.00325
2026 Apr	2430	3.8	8.99	0.18	1180	0.352	376	0.00228	0.00228	0.0000202	0.0267	0.0169	0.424	0.0732	0.0000424	117	0.0000935	0.0038
2026 May	2800	4.43	10.3	0.204	1320	0.397	431	0.00251	0.00251	0.0000223	0.0298	0.0187	0.484	0.0811	0.0000468	133	0.000107	0.00419
2026 Jun	1290	2.21	4.04	0.0729	362	0.131	179	0.000797	0.000797	0.0000059	0.00988	0.00455	0.191	0.022	0.0000108	50.8	0.0000502	0.000914
2026 Jul	2400	4.21	7.3	0.128	583	0.219	327	0.000676	0.000676	0.00000599	0.0117	0.00626	0.341	0.022	0.0000127	80.4	0.0000756	0.00112
2026 Aug	4380	7.83	13	0.224	950	0.372	590	0.00044	0.00044	0.00000573	0.0158	0.00886	0.606	0.0236	0.0000148	136	0.000124	0.00146
2026 Sep	5430	9.8	15.9	0.271	1100	0.446	726	0.000357	0.000357	0.00000532	0.019	0.00961	0.74	0.0239	0.0000145	165	0.000155	0.00146
2026 Oct	3530	6.37	10.3	0.177	739	0.32	473	0.000902	0.000902	0.00000701	0.0181	0.00726	0.487	0.0278	0.0000135	117	0.00011	0.00116
2026 Nov	4560	8.22	13.3	0.228	953	0.413	610	0.00119	0.00119	0.00000918	0.0235	0.00939	0.628	0.0364	0.0000175	152	0.000143	0.0015
2026 Dec	4560	8.22	13.3	0.228	953	0.413	610	0.00119	0.00119	0.00000918	0.0235	0.00939	0.628	0.0364	0.0000175	152	0.000143	0.0015
2027 Jan	4560	8.22	13.3	0.228	953	0.413	610	0.00119	0.00119	0.00000918	0.0235	0.00939	0.628	0.0364	0.0000175	152	0.000143	0.0015
2027 Feb	4560	8.22	13.3	0.228	953	0.413	610	0.00119	0.00119	0.00000918	0.0235	0.00939	0.628	0.0364	0.0000175	152	0.000143	0.0015
2027 Mar	4560	8.22	13.3	0.228	953	0.413	610	0.00119	0.00119	0.00000918	0.0235	0.00939	0.628	0.0364	0.0000175	152	0.000143	0.0015
2027 Apr	4560	8.22	13.3	0.228	953	0.413	610	0.00119	0.00119	0.00000918	0.0235	0.00939	0.628	0.0364	0.0000175	152	0.000143	0.0015
2027 May	4460	8.04	13	0.222	920	0.399	596	0.00109	0.00109	0.0000085	0.0223	0.00898	0.612	0.0352	0.0000164	148	0.000139	0.00142
2027 Jun	2220	3.91	6.69	0.117	521	0.198	301	0.000723	0.000723	0.00000583	0.012	0.00552	0.314	0.0196	0.0000115	74.2	0.0000761	0.001
2027 Jul	2420	4.23	7.38	0.13	596	0.224	331	0.0007	0.0007	0.00000622	0.0115	0.00643	0.345	0.0213	0.0000132	80.1	0.0000741	0.00115
2027 Aug	4340	7.74	13	0.224	966	0.372	587	0.000472	0.000472	0.00000611	0.0158	0.00919	0.604	0.0248	0.0000158	135	0.000123	0.00154
2027 Sep	4900	8.89	14.2	0.241	955	0.404	652	0.000457	0.000457	0.00000506	0.0181	0.00822	0.664	0.0223	0.0000123	150	0.000142	0.00118
2027 Oct	2990	5.28	9.17	0.162	752	0.28	411	0.000684	0.000684	0.0000069	0.0147	0.008	0.428	0.0271	0.0000158	101	0.0000915	0.00148
2027 Nov	2380	4.16	7.41	0.133	649	0.237	331	0.000783	0.000783	0.00000722	0.0138	0.00738	0.348	0.0276	0.0000156	84.5	0.0000756	0.00142
2027 Dec	3560	6.21	11.1	0.199	974	0.355	494	0.00118	0.00118	0.0000109	0.0207	0.0111	0.52	0.0416	0.0000236	127	0.000113	0.00214
2028 Jan	6700	11.7	20.9	0.375	1840	0.669	931	0.00222	0.00222	0.0000205	0.0389	0.0209	0.98	0.0783	0.0000444	238	0.000213	0.00404
2028 Feb	8590	15	26.8	0.481	2350	0.858	1190	0.00285	0.00285	0.0000263	0.0499	0.0268	1.26	0.1	0.0000569	306	0.000273	0.00518
2028 Mar	8590	15	26.8	0.481	2350	0.858	1190	0.00285	0.00285	0.0000263	0.0499	0.0268	1.26	0.1	0.0000569	306	0.000273	0.00518

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Apr	8590	15	26.8	0.481	2350	0.858	1190	0.00285	0.00285	0.0000263	0.0499	0.0268	1.26	0.1	0.0000569	306	0.000273	0.00518
2028 May	8620	15.1	26.9	0.482	2360	0.86	1200	0.00284	0.00284	0.0000263	0.0499	0.0268	1.26	0.1	0.0000569	306	0.000274	0.00518
2028 Jun	2260	3.96	6.89	0.122	559	0.208	309	0.000809	0.000809	0.00000659	0.013	0.0061	0.324	0.0216	0.0000131	76.7	0.000078	0.00114
2028 Jul	2020	3.52	6.14	0.108	498	0.193	276	0.000769	0.000769	0.00000611	0.0106	0.00555	0.288	0.0202	0.0000119	68.6	0.0000634	0.000978
2028 Aug	3720	6.61	11.2	0.195	856	0.326	506	0.000544	0.000544	0.00000623	0.0143	0.00843	0.521	0.0241	0.0000152	118	0.000107	0.00145
2028 Sep	4040	7.21	12.1	0.209	905	0.35	546	0.000508	0.000508	0.00000609	0.0161	0.00872	0.562	0.0251	0.0000152	128	0.000118	0.00148
2028 Oct	1720	3.09	5.01	0.087	377	0.174	231	0.000863	0.000863	0.0000057	0.0123	0.00423	0.241	0.0214	0.00000928	63.5	0.0000593	0.000712
2028 Nov	1390	2.48	4.07	0.0718	329	0.157	187	0.00104	0.00104	0.00000657	0.0129	0.00412	0.199	0.0241	0.0000101	56.7	0.0000524	0.000733
2028 Dec	1930	3.45	5.67	0.1	458	0.219	261	0.00145	0.00145	0.00000915	0.0179	0.00574	0.277	0.0336	0.000014	78.9	0.0000729	0.00102
2029 Jan	3490	6.24	10.2	0.181	827	0.396	472	0.00262	0.00262	0.0000165	0.0324	0.0104	0.501	0.0607	0.0000253	143	0.000132	0.00185
2029 Feb	5060	9.06	14.9	0.262	1200	0.575	685	0.00381	0.00381	0.000024	0.0471	0.0151	0.727	0.0881	0.0000368	207	0.000191	0.00268
2029 Mar	5060	9.06	14.9	0.262	1200	0.575	685	0.00381	0.00381	0.000024	0.0471	0.0151	0.727	0.0881	0.0000368	207	0.000191	0.00268
2029 Apr	5060	9.06	14.9	0.262	1200	0.575	685	0.00381	0.00381	0.000024	0.0471	0.0151	0.727	0.0881	0.0000368	207	0.000191	0.00268
2029 May	5190	9.31	15.2	0.267	1210	0.577	701	0.00367	0.00367	0.0000232	0.0462	0.0149	0.742	0.0855	0.0000357	209	0.000193	0.00262
2029 Jun	5200	9.43	14.7	0.247	942	0.414	685	0.000497	0.000497	0.00000452	0.0193	0.00735	0.695	0.0193	0.00000982	156	0.000155	0.000972
2029 Jul	1740	2.65	4.78	0.0936	593	0.177	248	0.000684	0.000684	0.00000615	0.0105	0.00575	0.263	0.0213	0.0000125	61.4	0.0000579	0.00147
2029 Aug	3110	5.04	8.49	0.158	884	0.291	432	0.000528	0.000528	0.00000606	0.0132	0.00768	0.449	0.0251	0.000014	102	0.0000875	0.00183
2029 Sep	3510	5.84	9.61	0.175	928	0.319	483	0.000495	0.000495	0.0000058	0.0152	0.00784	0.499	0.0254	0.0000136	113	0.000102	0.00178
2029 Oct	2340	3.95	6.84	0.125	655	0.23	325	0.000661	0.000661	0.00000626	0.0128	0.00667	0.34	0.0249	0.0000135	81.3	0.0000727	0.00142
2029 Nov	1800	3.04	5.6	0.104	563	0.195	255	0.000814	0.000814	0.00000713	0.0124	0.00659	0.272	0.027	0.0000148	68.4	0.0000598	0.00139
2029 Dec	2260	3.83	7.03	0.13	705	0.245	320	0.00102	0.00102	0.00000889	0.0155	0.00824	0.341	0.0336	0.0000184	85.8	0.000075	0.00174
2030 Jan	3010	5.08	9.34	0.173	936	0.325	426	0.00135	0.00135	0.0000118	0.0206	0.0109	0.453	0.0447	0.0000245	114	0.0000997	0.00231
2030 Feb	4020	6.79	12.5	0.231	1250	0.435	569	0.0018	0.0018	0.0000158	0.0276	0.0146	0.606	0.0598	0.0000327	152	0.000133	0.00308
2030 Mar	5180	8.75	16.1	0.298	1610	0.56	733	0.00232	0.00232	0.0000203	0.0355	0.0188	0.78	0.0769	0.0000421	196	0.000172	0.00397
2030 Apr	7040	11.9	21.9	0.405	2190	0.762	996	0.00316	0.00316	0.0000276	0.0483	0.0256	1.06	0.105	0.0000573	267	0.000233	0.0054
2030 May	9030	15.3	28	0.519	2810	0.976	1280	0.00404	0.00404	0.0000353	0.0618	0.0328	1.36	0.134	0.0000732	342	0.000299	0.00691
2030 Jun	2030	3.54	6.09	0.108	497	0.191	276	0.000861	0.000861	0.00000649	0.0127	0.00546	0.29	0.0211	0.0000121	70.3	0.0000721	0.00103
2030 Jul	2930	5.19	8.82	0.153	673	0.259	398	0.000619	0.000619	0.00000586	0.0126	0.0068	0.411	0.0208	0.0000129	93.9	0.0000886	0.00116
2030 Aug	3890	6.91	11.7	0.204	894	0.34	529	0.000517	0.000517	0.00000624	0.0147	0.00875	0.545	0.0246	0.0000156	123	0.00011	0.0015
2030 Sep	4660	8.32	13.9	0.241	1040	0.397	631	0.000434	0.000434	0.0000062	0.0171	0.0098	0.648	0.026	0.0000166	145	0.000133	0.00165
2030 Oct	2170	3.78	6.79	0.122	601	0.216	302	0.000686	0.000686	0.00000654	0.0123	0.00683	0.318	0.025	0.0000144	76.8	0.0000685	0.00133
2030 Nov	1760	3.01	5.71	0.105	562	0.195	251	0.000864	0.000864	0.00000763	0.0126	0.00699	0.269	0.0284	0.000016	68.2	0.0000592	0.00143
2030 Dec	2510	4.29	8.14	0.15	802	0.278	358	0.00123	0.00123	0.0000109	0.018	0.00997	0.383	0.0405	0.0000228	97.3	0.0000845	0.00204
2031 Jan	3810	6.51	12.3	0.228	1220	0.422	543	0.00187	0.00187	0.0000165	0.0273	0.0151	0.581	0.0614	0.0000346	148	0.000128	0.0031
2031 Feb	6600	11.3	21.4	0.395	2110	0.731	940	0.00324	0.00324	0.0000286	0.0473	0.0262	1.01	0.106	0.00006	256	0.000222	0.00537
2031 Mar	7640	13.1	24.8	0.457	2440	0.846	1090	0.00375	0.00375	0.0000331	0.0547	0.0303	1.17	0.123	0.0000694	296	0.000257	0.00622
2031 Apr	7650	13.1	24.8	0.457	2440	0.847	1090	0.00375	0.00375	0.0000331	0.0547	0.0303	1.17	0.123	0.0000694	296	0.000257	0.00622
2031 May	5420	9.26	17.5	0.321	1710	0.594	769	0.00269	0.00269	0.0000234	0.0387	0.0213	0.822	0.0917	0.0000485	213	0.000184	0.00437
2031 Jun	1810	3.16	5.43	0.0954	440	0.166	245	0.000768	0.000768	0.00000578	0.0108	0.00526	0.255	0.0322	0.0000107	72.5	0.0000638	0.00101
2031 Jul	3230	5.73	9.7	0.169	740	0.283	438	0.000631	0.000631	0.00000616	0.0137	0.00754	0.452	0.0273	0.0000139	107	0.0000974	0.00131
2031 Aug	4860	8.75	14.3	0.244	998	0.405	651	0.000442	0.000442	0.00000551	0.0171	0.00892	0.666	0.0232	0.0000141	149	0.000138	0.00137
2031 Sep	5690	10.4	16.4	0.276	1060	0.459	754	0.000386	0.000386	0.00000467	0.0199	0.0087	0.765	0.0217	0.0000119	171	0.000163	0.00116
2031 Oct	2770	4.96	8.26	0.144	629	0.255	375	0.000698	0.000698	0.00000599	0.0141	0.00645	0.388	0.0236	0.0000124	92.9	0.0000861	0.00111
2031 Nov	3100	5.54	9.3	0.162	723	0.292	422	0.000893	0.000893	0.00000745	0.0168	0.0076	0.438	0.029	0.0000151	106	0.0000978	0.00133
2031 Dec	4370	7.8	13.1	0.228	1020	0.411	594	0.00126	0.00126	0.0000105	0.0236	0.0107	0.616	0.0408	0.0000213	149	0.000138	0.00187
2032 Jan	6770	12.1	20.3	0.354	1580	0.637	919	0.00195	0.00195	0.0000162	0.0366	0.0166	0.955	0.0632	0.0000329	231	0.000213	0.0029
2032 Feb	11800	21	35.2	0.614	2730	1.11	1600	0.00338	0.00338	0.0000282	0.0635	0.0288	1.66	0.11	0.0000571	401	0.00037	0.00504
2032 Mar	12600	22.4	37.6	0.656	2920	1.18	1710	0.00361	0.00361	0.0000301	0.0679	0.0308	1.77	0.117	0.0000611	429	0.000396	0.00539
2032 Apr	12600	22.4	37.6	0.656	2920	1.18	1710	0.00361	0.00361	0.0000301	0.0679	0.0308	1.77	0.117	0.0000611	429	0.000396	0.00539
2032 May	11600	20.8	34.8	0.608	2720	1.1	1590	0.00336	0.00336	0.000028	0.0631	0.0285	1.65	0.11	0.0000566	400	0.000368	0.00505
2032 Jun	942	1.65	2.67	0.0493	264	0.11	148	0.000909	0.000909	0.00000546	0.0101	0.00301	0.152	0.0197	0.00000757	44.5	0.0000467	0.000714
2032 Jul	567	0.811	1.24	0.0265	199	0.0765	97.1	0.000852	0.000852	0.00000489	0.00823	0.00212	0.0975	0.0149	0.00000605	30.3	0.0000337	0.000664
2032 Aug	565	0.829	1.26	0.0269	203	0.0797	100	0.000855	0.000855	0.0000049	0.008	0.00211	0.0999	0.0149	0.00000604	30.8	0.0000325	0.000664
2032 Sep	555	0.82	1.24	0.0266	202	0.08	99.4	0.00086	0.00086	0.00000491	0.00786	0.00207	0.0991	0.0148	0.00000602	30.7	0.0000317	0.000654
2032 Oct	549	0.814	1.23	0.0263	200	0.0799	98.8	0.000863	0.000863	0.00000492	0.00782	0.00205	0.0984	0.0148	0.00000602	30.6	0.0000313	0.000648
2032 Nov	557	0.837	1.26	0.0269	203	0.0814	101	0.000866	0.000866	0.00000494	0.0079	0.00208	0.1	0.0149	0.00000605	31.1	0.0000318	0.000653
2032 Dec	573	0.871	1.31	0.0279	209	0.084	104	0.000884	0.000884	0.00000505	0.00812	0.00214	0.104	0.0153	0.00000619	32.1	0.0000327	0.000669
2033 Jan	595	0.905	1.36	0.029	217	0.0873	108	0.000919	0.000919	0.00000524	0.00843	0.00222	0.108	0.0159	0.00000643	33.3	0.000034	0.000696
2033 Feb	610	0.928	1.39	0.0297	223	0.0895	111	0.000942	0.000942	0.00000538	0.00865	0.00228	0.111	0.0163	0.00000659	34.2	0.0000349	0.000713
2033 Mar	622	0.946	1.42	0.0303	227	0.0913	113	0.000961	0.000961	0.00000548	0.00882	0.00232	0.113	0.0166	0.00000672	34.9	0.0000356	0.000728
2033 Apr	631	0.96	1.44	0.0308	231	0.0926	115	0.000975	0.000975	0.00000556	0.00895	0.00236	0.115	0.0168	0.00000682	35.4	0.0000361	0.000738
2033 May	572	0.885	1.32	0.028	208	0.0847	105	0.000922	0.000922	0.00000522	0.00839	0.00224	0.105	0.0182	0.00000634	34.6	0.000034	0.00069
2033 Jun	488	0.732	1.08	0.0232	179	0.0733	91.6	0.000857	0.000857	0.00000481	0.00771	0.00211	0.0904	0.0205	0.00000575	33.5	0.0000311	0.000659
2033 Jul	486	0.72	1.06	0.0229	180	0.0737	91.8	0.000861	0.000861	0.00000484	0.00767	0.0021	0.0904	0.0201	0.00000577	33.3	0.0000309	0.000663
2033 Aug	482	0.714	1.05	0.0228	179	0.074	91.7	0.000868	0.000868	0.00000487	0.00761	0.00209	0.0902	0.0199	0.0000058	33.1	0.0000305	0.000659
2033 Sep	482	0.726	1.06	0.023	180	0.0757	93.3	0.000866	0.000866	0.00000486	0.0076	0.00208	0.0918	0.0196	0.00000579	33.2	0.0000303	0.000656
2033 Oct	481	0.754	1.09	0.0234	180	0.0782	95.7	0.000857	0.000857	0.00000481	0.00773	0.00208	0.0942	0.0192	0.00000574	33.5	0.0000305	0.000647

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Nov	488	0.768	1.11	0.0238	182	0.0797	97.2	0.000874	0.000874	0.0000049	0.0079	0.00211	0.0957	0.0195	0.00000584	34.1	0.000031	0.000656
2033 Dec	501	0.788	1.14	0.0244	187	0.0818	99.7	0.000896	0.000896	0.00000503	0.0081	0.00217	0.0982	0.02	0.00000599	34.9	0.0000318	0.000673
2034 Jan	513	0.806	1.17	0.025	191	0.0837	102	0.000917	0.000917	0.00000515	0.00829	0.00222	0.101	0.0205	0.00000613	35.8	0.0000326	0.000689
2034 Feb	523	0.823	1.19	0.0255	195	0.0854	104	0.000936	0.000936	0.00000525	0.00846	0.00226	0.103	0.0209	0.00000626	36.5	0.0000332	0.000703
2034 Mar	532	0.837	1.21	0.0259	199	0.0869	106	0.000952	0.000952	0.00000534	0.0086	0.0023	0.104	0.0213	0.00000636	37.1	0.0000338	0.000715
2034 Apr	538	0.847	1.23	0.0262	201	0.0879	107	0.000963	0.000963	0.00000541	0.00871	0.00233	0.106	0.0215	0.00000644	37.5	0.0000342	0.000723
2034 May	524	0.823	1.19	0.0255	195	0.0856	104	0.000945	0.000945	0.0000053	0.00852	0.00228	0.103	0.0215	0.0000063	36.9	0.0000335	0.000708
2034 Jun	436	0.666	0.954	0.0207	162	0.0717	86.5	0.000851	0.000851	0.00000473	0.00753	0.00202	0.0851	0.0209	0.00000556	32.9	0.0000293	0.000629
2034 Jul	439	0.672	0.965	0.0209	163	0.0728	88.4	0.000852	0.000852	0.00000475	0.00753	0.00203	0.0868	0.0206	0.00000558	33	0.0000295	0.000633
2034 Aug	436	0.669	0.96	0.0208	162	0.0729	88.1	0.000859	0.000859	0.00000478	0.00751	0.00202	0.0866	0.0205	0.00000561	32.9	0.0000293	0.00063
2034 Sep	438	0.682	0.977	0.021	163	0.0744	89.9	0.000858	0.000858	0.00000478	0.00754	0.00202	0.0884	0.0202	0.00000562	33.1	0.0000294	0.000628
2034 Oct	442	0.706	1.01	0.0215	164	0.0765	92.5	0.000857	0.000857	0.00000477	0.00765	0.00204	0.091	0.02	0.00000562	33.6	0.0000298	0.000626
2034 Nov	451	0.723	1.03	0.022	167	0.0782	94.6	0.000873	0.000873	0.00000486	0.0078	0.00208	0.093	0.0204	0.00000573	34.3	0.0000305	0.000638
2034 Dec	461	0.738	1.06	0.0225	171	0.0798	96.6	0.000891	0.000891	0.00000496	0.00797	0.00212	0.095	0.0208	0.00000585	35	0.0000311	0.000651
2035 Jan	470	0.753	1.08	0.0229	174	0.0814	98.5	0.000909	0.000909	0.00000506	0.00813	0.00216	0.0969	0.0212	0.00000597	35.7	0.0000317	0.000664
2035 Feb	478	0.766	1.1	0.0233	177	0.0828	100	0.000924	0.000924	0.00000515	0.00826	0.0022	0.0985	0.0216	0.00000607	36.3	0.0000323	0.000675
2035 Mar	485	0.777	1.11	0.0237	180	0.084	102	0.000938	0.000938	0.00000522	0.00838	0.00223	0.1	0.0219	0.00000616	36.8	0.0000327	0.000685
2035 Apr	490	0.785	1.12	0.0239	181	0.0849	103	0.000947	0.000947	0.00000528	0.00847	0.00225	0.101	0.0221	0.00000622	37.2	0.0000331	0.000692
2035 May	488	0.782	1.12	0.0238	181	0.0846	102	0.000945	0.000945	0.00000527	0.00845	0.00225	0.101	0.0222	0.0000062	37.1	0.000033	0.000691
2035 Jun	406	0.633	0.9	0.0194	150	0.0712	84.9	0.000856	0.000856	0.00000473	0.00753	0.00197	0.0837	0.0202	0.00000551	32.2	0.000029	0.000605
2035 Jul	399	0.616	0.876	0.0189	147	0.0705	83.7	0.00086	0.00086	0.00000475	0.00752	0.00194	0.0826	0.0199	0.00000552	31.7	0.0000288	0.000602
2035 Aug	398	0.613	0.871	0.0189	146	0.0708	83.7	0.000864	0.000864	0.00000477	0.00749	0.00194	0.0826	0.0198	0.00000554	31.7	0.0000286	0.0006
2035 Sep	396	0.626	0.89	0.0191	145	0.0721	85.2	0.000861	0.000861	0.00000475	0.0075	0.00193	0.0842	0.0195	0.00000552	31.8	0.0000286	0.000591
2035 Oct	393	0.628	0.891	0.019	143	0.0723	85.1	0.000859	0.000859	0.00000473	0.0075	0.00192	0.0842	0.0193	0.00000549	31.7	0.0000285	0.000582
2035 Nov	397	0.638	0.904	0.0192	145	0.0734	86.3	0.000867	0.000867	0.00000478	0.0076	0.00194	0.0854	0.0195	0.00000554	32.1	0.0000289	0.000586
2035 Dec	409	0.658	0.933	0.0198	149	0.0758	89	0.000894	0.000894	0.00000493	0.00785	0.002	0.0882	0.0201	0.00000572	33.1	0.0000298	0.000605
2036 Jan	422	0.678	0.962	0.0204	154	0.0781	91.7	0.000922	0.000922	0.00000508	0.00808	0.00206	0.0908	0.0207	0.00000589	34.1	0.0000307	0.000623
2036 Feb	432	0.695	0.986	0.021	158	0.08	94	0.000945	0.000945	0.00000521	0.00829	0.00212	0.0931	0.0212	0.00000604	34.9	0.0000315	0.000639
2036 Mar	441	0.709	1.01	0.0214	161	0.0817	96	0.000964	0.000964	0.00000531	0.00846	0.00216	0.0951	0.0217	0.00000617	35.7	0.0000321	0.000652
2036 Apr	446	0.718	1.02	0.0216	163	0.0826	97.1	0.000975	0.000975	0.00000537	0.00855	0.00218	0.0961	0.0219	0.00000624	36.1	0.0000325	0.00066
2036 May	446	0.718	1.02	0.0216	163	0.0827	97.2	0.000975	0.000975	0.00000538	0.00856	0.00219	0.0962	0.022	0.00000624	36.1	0.0000325	0.00066
2036 Jun	383	0.614	0.871	0.0185	139	0.0717	83.7	0.000875	0.000875	0.0000048	0.00763	0.00191	0.0832	0.0194	0.00000554	31.5	0.0000289	0.000576
2036 Jul	368	0.588	0.834	0.0178	133	0.0694	80.6	0.000863	0.000863	0.00000473	0.00747	0.00185	0.0802	0.0188	0.00000544	30.4	0.0000282	0.000556
2036 Aug	367	0.586	0.831	0.0177	133	0.0695	80.4	0.00087	0.00087	0.00000476	0.00747	0.00185	0.0801	0.0188	0.00000547	30.4	0.0000281	0.000555
2036 Sep	364	0.585	0.83	0.0176	131	0.0697	80.4	0.00087	0.00087	0.00000476	0.00744	0.00184	0.0801	0.0186	0.00000546	30.3	0.000028	0.00055
2036 Oct	362	0.587	0.832	0.0176	130	0.0699	80.5	0.000867	0.000867	0.00000474	0.00745	0.00183	0.0802	0.0185	0.00000544	30.2	0.0000279	0.000543
2036 Nov	363	0.591	0.837	0.0177	130	0.0703	81	0.000869	0.000869	0.00000475	0.00748	0.00184	0.0807	0.0185	0.00000545	30.4	0.000028	0.000544
2036 Dec	371	0.605	0.857	0.0181	133	0.0719	82.9	0.000889	0.000889	0.00000486	0.00765	0.00188	0.0826	0.019	0.00000558	31.1	0.0000287	0.000556
2037 Jan	381	0.621	0.88	0.0186	137	0.0738	85.1	0.000912	0.000912	0.00000499	0.00785	0.00193	0.0848	0.0195	0.00000572	31.9	0.0000294	0.000571
2037 Feb	389	0.634	0.898	0.019	140	0.0754	86.8	0.000931	0.000931	0.00000509	0.00801	0.00197	0.0866	0.0199	0.00000584	32.6	0.0000301	0.000583
2037 Mar	395	0.644	0.913	0.0193	142	0.0766	88.2	0.000947	0.000947	0.00000517	0.00815	0.002	0.088	0.0202	0.00000594	33.1	0.0000305	0.000592
2037 Apr	400	0.652	0.924	0.0195	144	0.0776	89.3	0.000958	0.000958	0.00000524	0.00825	0.00203	0.0891	0.0204	0.00000601	33.5	0.0000309	0.0006
2037 May	370	0.6	0.848	0.0179	132	0.0716	82.2	0.000901	0.000901	0.00000492	0.00772	0.0019	0.082	0.0197	0.00000563	31.5	0.0000289	0.000561
2037 Jun	333	0.536	0.755	0.016	118	0.0648	73.9	0.000844	0.000844	0.00000458	0.00716	0.00177	0.0738	0.0191	0.00000522	29.4	0.0000267	0.000519
2037 Jul	331	0.534	0.753	0.0159	118	0.0648	73.8	0.000849	0.000849	0.00000461	0.00717	0.00177	0.0737	0.0191	0.00000525	29.4	0.0000267	0.000517
2037 Aug	331	0.533	0.751	0.0159	117	0.065	73.7	0.000855	0.000855	0.00000464	0.00717	0.00177	0.0736	0.0191	0.00000527	29.4	0.0000267	0.000516
2037 Sep	329	0.53	0.747	0.0158	117	0.0649	73.4	0.000858	0.000858	0.00000465	0.00716	0.00176	0.0734	0.019	0.00000528	29.3	0.0000266	0.000513
2037 Oct	325	0.525	0.739	0.0156	115	0.0646	72.6	0.000855	0.000855	0.00000463	0.00714	0.00174	0.0727	0.0189	0.00000525	29	0.0000263	0.000506
2037 Nov	328	0.531	0.747	0.0158	116	0.0654	73.5	0.000865	0.000865	0.00000469	0.00723	0.00176	0.0735	0.0191	0.00000531	29.4	0.0000266	0.000512
2037 Dec	337	0.545	0.767	0.0162	119	0.0671	75.4	0.000888	0.000888	0.00000481	0.00741	0.00181	0.0754	0.0196	0.00000545	30.1	0.0000273	0.000525
2038 Jan	346	0.559	0.787	0.0166	123	0.0689	77.4	0.000911	0.000911	0.00000494	0.00761	0.00186	0.0774	0.0201	0.0000056	30.9	0.0000281	0.000539
2038 Feb	354	0.572	0.805	0.017	125	0.0705	79.2	0.000933	0.000933	0.00000505	0.00779	0.0019	0.0792	0.0206	0.00000573	31.6	0.0000287	0.000552
2038 Mar	359	0.581	0.818	0.0173	127	0.0716	80.4	0.000947	0.000947	0.00000513	0.00791	0.00193	0.0805	0.0209	0.00000582	32.1	0.0000292	0.000561
2038 Apr	364	0.589	0.828	0.0175	129	0.0725	81.5	0.000959	0.000959	0.0000052	0.00801	0.00195	0.0815	0.0212	0.00000589	32.5	0.0000295	0.000568
2038 May	354	0.573	0.806	0.017	126	0.0706	79.3	0.00094	0.00094	0.00000509	0.00784	0.00191	0.0793	0.0209	0.00000577	31.9	0.0000289	0.000556
2038 Jun	311	0.498	0.697	0.0148	110	0.0621	69.1	0.000857	0.000857	0.00000462	0.00708	0.00173	0.0692	0.0196	0.00000521	28.9	0.000026	0.0005
2038 Jul	310	0.497	0.696	0.0148	109	0.0622	69	0.000865	0.000865	0.00000466	0.00711	0.00173	0.0692	0.0197	0.00000525	28.9	0.000026	0.0005
2038 Aug	309	0.496	0.694	0.0147	109	0.0624	68.9	0.000871	0.000871	0.00000469	0.00712	0.00173	0.0691	0.0197	0.00000528	28.9	0.000026	0.000499
2038 Sep	307	0.491	0.688	0.0146	108	0.0623	68.4	0.000873	0.000873	0.0000047	0.0071	0.00172	0.0686	0.0196	0.00000528	28.7	0.0000258	0.000495
2038 Oct	305	0.489	0.684	0.0145	107	0.0623	68.1	0.000877	0.000877	0.00000472	0.00711	0.00171	0.0684	0.0196	0.00000529	28.7	0.0000257	0.000492
2038 Nov	312	0.5	0.698	0.0148	110	0.0637	69.6	0.000896	0.000896	0.00000482	0.00726	0.00175	0.0699	0.02	0.00000541	29.3	0.0000263	0.000503
2038 Dec	320	0.513	0.717	0.0152	112	0.0653	71.4	0.00092	0.00092	0.00000494	0.00745	0.0018	0.0717	0.0205	0.00000555	30.1	0.000027	0.000516
2039 Jan	327	0.525	0.733	0.0156	115	0.0669	73.1	0.000941	0.000941	0.00000506	0.00763	0.00184	0.0734	0.021	0.00000568	30.8	0.0000276	0.000528
2039 Feb	334	0.536	0.749	0.0159	117	0.0683	74.6	0.000961	0.000961	0.00000517	0.00779	0.00188	0.075	0.0214	0.0000058	31.4	0.0000282	0.000539
2039 Mar	339	0.544	0.76	0.0161	119	0.0693	75.7	0.000975	0.000975	0.00000524	0.00791	0.00191	0.0761	0.0217	0.00000589	31.9	0.0000286	0.000547
2039 Apr	343	0.55	0.769	0.0163	121	0.0701	76.6	0.000986	0.000986	0.0000053	0.008	0.00193	0.077	0.022	0.00000595	32.3	0.000029	0.000553
2039 May	345	0.554	0.774	0.0164	121	0.0706	77.2	0.000994	0.000994	0.00000534	0.00805	0.00194	0.0775	0.0221	0.000006	32.5	0.0000292	0.000557

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Jun	293	0.468	0.654	0.0139	103	0.0611	65.7	0.000893	0.000893	0.00000478	0.00712	0.00167	0.0665	0.0191	0.00000534	27.9	0.0000256	0.000477
2039 Jul	274	0.433	0.605	0.0129	95.8	0.0581	61.2	0.000876	0.000876	0.00000468	0.00684	0.00158	0.0624	0.0181	0.00000519	26.2	0.0000244	0.000449
2039 Aug	271	0.427	0.598	0.0128	94.6	0.0581	60.6	0.00088	0.00088	0.00000469	0.00682	0.00157	0.0619	0.018	0.0000052	26	0.0000241	0.000444
2039 Sep	271	0.429	0.599	0.0128	94.7	0.0583	60.8	0.000882	0.000882	0.0000047	0.00684	0.00158	0.0621	0.0181	0.00000522	26.1	0.0000242	0.000445
2039 Oct	272	0.43	0.601	0.0128	94.8	0.0586	61	0.000886	0.000886	0.00000472	0.00687	0.00158	0.0623	0.0181	0.00000523	26.2	0.0000243	0.000446
2039 Nov	277	0.439	0.613	0.0131	96.7	0.0598	62.3	0.000903	0.000903	0.00000481	0.00701	0.00161	0.0636	0.0185	0.00000534	26.7	0.0000248	0.000454
2039 Dec	282	0.447	0.624	0.0133	98.5	0.0609	63.4	0.00092	0.00092	0.0000049	0.00714	0.00164	0.0648	0.0188	0.00000544	27.2	0.0000252	0.000463
2040 Jan	289	0.458	0.639	0.0137	101	0.0624	65	0.000942	0.000942	0.00000502	0.00731	0.00168	0.0664	0.0193	0.00000557	27.9	0.0000258	0.000474
2040 Feb	295	0.467	0.652	0.0139	103	0.0636	66.3	0.000961	0.000961	0.00000512	0.00746	0.00172	0.0677	0.0197	0.00000568	28.5	0.0000264	0.000483
2040 Mar	299	0.472	0.66	0.0141	104	0.0643	67.1	0.000972	0.000972	0.00000518	0.00755	0.00174	0.0685	0.0199	0.00000575	28.8	0.0000267	0.000489
2040 Apr	302	0.477	0.667	0.0142	105	0.065	67.8	0.000982	0.000982	0.00000524	0.00762	0.00176	0.0692	0.0201	0.00000581	29.1	0.0000269	0.000494
2040 May	298	0.471	0.657	0.014	104	0.0642	66.8	0.000972	0.000972	0.00000518	0.00754	0.00174	0.0683	0.02	0.00000574	28.8	0.0000266	0.000489
2040 Jun	255	0.398	0.553	0.0119	88.9	0.0557	56.7	0.000887	0.000887	0.00000471	0.00674	0.00154	0.0583	0.0185	0.00000519	25.6	0.0000236	0.000432
2040 Jul	254	0.395	0.549	0.0118	88.4	0.0557	56.5	0.000891	0.000891	0.00000473	0.00675	0.00154	0.0581	0.0184	0.0000052	25.5	0.0000236	0.000431
2040 Aug	255	0.396	0.551	0.0118	88.4	0.056	56.7	0.000894	0.000894	0.00000474	0.00677	0.00154	0.0584	0.0184	0.00000522	25.6	0.0000236	0.000431
2040 Sep	255	0.396	0.551	0.0118	88.3	0.0562	56.9	0.000896	0.000896	0.00000475	0.00679	0.00155	0.0586	0.0185	0.00000523	25.7	0.0000237	0.000432
2040 Oct	255	0.397	0.551	0.0118	88.3	0.0563	56.9	0.000898	0.000898	0.00000476	0.0068	0.00155	0.0586	0.0185	0.00000524	25.7	0.0000237	0.000432
2040 Nov	259	0.404	0.561	0.0121	89.8	0.0573	58	0.000914	0.000914	0.00000484	0.00693	0.00158	0.0597	0.0188	0.00000533	26.2	0.0000241	0.000439
2040 Dec	265	0.413	0.574	0.0123	91.9	0.0586	59.3	0.000934	0.000934	0.00000495	0.00708	0.00161	0.061	0.0192	0.00000545	26.7	0.0000247	0.000449
2041 Jan	270	0.421	0.585	0.0126	93.7	0.0597	60.4	0.000952	0.000952	0.00000505	0.00722	0.00164	0.0622	0.0196	0.00000555	27.3	0.0000251	0.000458
2041 Feb	275	0.428	0.595	0.0128	95.3	0.0608	61.5	0.000969	0.000969	0.00000514	0.00735	0.00167	0.0633	0.02	0.00000565	27.7	0.0000256	0.000466
2041 Mar	278	0.433	0.602	0.0129	96.5	0.0615	62.2	0.000981	0.000981	0.0000052	0.00743	0.00169	0.0641	0.0202	0.00000572	28.1	0.0000259	0.000471
2041 Apr	281	0.438	0.609	0.0131	97.5	0.0622	62.9	0.000991	0.000991	0.00000526	0.00752	0.00171	0.0648	0.0204	0.00000578	28.4	0.0000262	0.000477
2041 May	283	0.44	0.612	0.0131	97.8	0.0625	63.3	0.000994	0.000994	0.00000527	0.00754	0.00172	0.0652	0.0205	0.0000058	28.5	0.0000263	0.000478
2041 Jun	244	0.377	0.523	0.0113	84.3	0.0548	54.5	0.000903	0.000903	0.00000478	0.00678	0.00151	0.0565	0.0181	0.00000523	24.9	0.0000235	0.000419
2041 Jul	228	0.347	0.482	0.0105	78.6	0.0519	50.5	0.000884	0.000884	0.00000466	0.00653	0.00142	0.0528	0.0171	0.00000508	23.4	0.0000224	0.000395
2041 Aug	228	0.348	0.483	0.0105	78.8	0.0523	50.8	0.000888	0.000888	0.00000469	0.00656	0.00143	0.0531	0.0172	0.00000511	23.5	0.0000225	0.000397
2041 Sep	229	0.349	0.484	0.0105	78.8	0.0525	51	0.00089	0.00089	0.00000469	0.00658	0.00144	0.0534	0.0172	0.00000512	23.6	0.0000225	0.000397
2041 Oct	228	0.349	0.484	0.0105	78.6	0.0526	51	0.00089	0.00089	0.00000469	0.00659	0.00144	0.0534	0.0172	0.00000512	23.6	0.0000226	0.000396
2041 Nov	232	0.354	0.491	0.0106	79.7	0.0534	51.8	0.000903	0.000903	0.00000476	0.00669	0.00146	0.0542	0.0175	0.00000519	23.9	0.0000229	0.000402
2041 Dec	237	0.361	0.501	0.0109	81.4	0.0545	52.9	0.000922	0.000922	0.00000486	0.00683	0.00149	0.0554	0.0178	0.0000053	24.5	0.0000234	0.000411
2042 Jan	241	0.368	0.51	0.0111	82.9	0.0555	53.9	0.000939	0.000939	0.00000495	0.00696	0.00151	0.0564	0.0182	0.0000054	24.9	0.0000238	0.000418
2042 Feb	246	0.375	0.52	0.0113	84.4	0.0566	54.9	0.000956	0.000956	0.00000504	0.00709	0.00154	0.0574	0.0185	0.0000055	25.4	0.0000242	0.000426
2042 Mar	249	0.38	0.527	0.0114	85.6	0.0573	55.7	0.00097	0.00097	0.00000511	0.00719	0.00156	0.0583	0.0188	0.00000558	25.7	0.0000246	0.000432
2042 Apr	251	0.384	0.532	0.0115	86.5	0.0579	56.2	0.000979	0.000979	0.00000516	0.00726	0.00158	0.0588	0.019	0.00000563	26	0.0000248	0.000436
2042 May	249	0.38	0.527	0.0114	85.6	0.0574	55.7	0.00097	0.00097	0.00000512	0.00719	0.00157	0.0583	0.0188	0.00000558	25.8	0.0000246	0.000432
2042 Jun	221	0.335	0.464	0.0101	75.9	0.0514	49.2	0.000894	0.000894	0.00000471	0.00658	0.00141	0.0518	0.017	0.00000511	23.1	0.0000224	0.000389
2042 Jul	212	0.319	0.442	0.00966	72.8	0.05	47.2	0.000883	0.000883	0.00000464	0.00645	0.00137	0.0499	0.0165	0.00000503	22.3	0.0000218	0.000376
2042 Aug	209	0.313	0.433	0.00948	71.6	0.05	46.6	0.000884	0.000884	0.00000464	0.00641	0.00136	0.0494	0.0164	0.00000503	22.1	0.0000215	0.000371
2042 Sep	207	0.309	0.428	0.00937	70.8	0.05	46.2	0.000885	0.000885	0.00000464	0.00639	0.00135	0.0492	0.0163	0.00000503	22	0.0000213	0.000368
2042 Oct	207	0.309	0.426	0.00934	70.6	0.0502	46.2	0.000888	0.000888	0.00000466	0.00641	0.00135	0.0492	0.0163	0.00000504	22	0.0000213	0.000368
2042 Nov	211	0.316	0.435	0.00954	72.1	0.0513	47.2	0.000907	0.000907	0.00000476	0.00655	0.00138	0.0503	0.0167	0.00000515	22.5	0.0000217	0.000375
2042 Dec	215	0.322	0.444	0.00973	73.5	0.0523	48.2	0.000925	0.000925	0.00000486	0.00668	0.00141	0.0513	0.017	0.00000525	22.9	0.0000222	0.000383
2043 Jan	220	0.328	0.453	0.00992	75	0.0534	49.1	0.000944	0.000944	0.00000495	0.00681	0.00144	0.0523	0.0173	0.00000536	23.4	0.0000226	0.00039
2043 Feb	224	0.334	0.461	0.0101	76.3	0.0543	50	0.00096	0.00096	0.00000504	0.00693	0.00146	0.0532	0.0176	0.00000545	23.8	0.000023	0.000397
2043 Mar	228	0.34	0.469	0.0103	77.7	0.0553	50.9	0.000977	0.000977	0.00000513	0.00705	0.00149	0.0542	0.018	0.00000555	24.2	0.0000234	0.000404
2043 Apr	230	0.343	0.474	0.0104	78.4	0.0558	51.4	0.000986	0.000986	0.00000518	0.00712	0.0015	0.0547	0.0181	0.0000056	24.4	0.0000236	0.000408
2043 May	226	0.338	0.466	0.0102	77.3	0.055	50.6	0.000975	0.000975	0.00000511	0.00703	0.00148	0.0539	0.018	0.00000553	24.2	0.0000234	0.000403
2043 Jun	197	0.29	0.398	0.00878	67.2	0.0483	43.6	0.000888	0.000888	0.00000465	0.00633	0.00133	0.0466	0.0167	0.00000501	21.8	0.0000209	0.000362
2043 Jul	197	0.289	0.397	0.00877	67.1	0.0485	43.6	0.000894	0.000894	0.00000468	0.00636	0.00134	0.0467	0.0168	0.00000504	21.8	0.000021	0.000362
2043 Aug	198	0.291	0.399	0.0088	67.3	0.0488	43.9	0.000898	0.000898	0.0000047	0.00639	0.00134	0.0471	0.0168	0.00000506	21.9	0.0000211	0.000364
2043 Sep	198	0.291	0.399	0.0088	67.2	0.0491	44.2	0.000899	0.000899	0.00000471	0.0064	0.00135	0.0473	0.0169	0.00000507	22	0.0000211	0.000364
2043 Oct	198	0.291	0.399	0.00879	67.1	0.0494	44.3	0.000903	0.000903	0.00000472	0.00645	0.00135	0.0475	0.0169	0.00000508	22.1	0.0000212	0.000364
2043 Nov	199	0.293	0.4	0.0088	67.3	0.0498	44.5	0.000909	0.000909	0.00000475	0.0065	0.00136	0.0477	0.017	0.00000512	22.2	0.0000213	0.000366
2043 Dec	203	0.299	0.408	0.00899	68.7	0.0508	45.4	0.000929	0.000929	0.00000486	0.00664	0.00139	0.0487	0.0174	0.00000523	22.7	0.0000217	0.000373
2044 Jan	207	0.304	0.415	0.00914	69.8	0.0516	46.1	0.000943	0.000943	0.00000493	0.00675	0.00141	0.0495	0.0177	0.00000531	23.1	0.0000221	0.000379
2044 Feb	210	0.308	0.421	0.00928	70.9	0.0525	46.9	0.000958	0.000958	0.00000501	0.00686	0.00143	0.0503	0.0179	0.00000539	23.4	0.0000224	0.000385
2044 Mar	213	0.313	0.427	0.00941	71.8	0.0532	47.5	0.000971	0.000971	0.00000508	0.00695	0.00145	0.0509	0.0182	0.00000547	23.7	0.0000227	0.00039
2044 Apr	215	0.316	0.432	0.00951	72.7	0.0538	48	0.000982	0.000982	0.00000514	0.00703	0.00147	0.0515	0.0184	0.00000553	24	0.000023	0.000395
2044 May	216	0.318	0.434	0.00956	73	0.054	48.3	0.000987	0.000987	0.00000516	0.00706	0.00148	0.0518	0.0185	0.00000556	24.1	0.0000231	0.000397
2044 Jun	187	0.27	0.369	0.00819	63.1	0.0474	41.3	0.0009	0.0009	0.00000469	0.00636	0.0013	0.0448	0.0165	0.00000503	21.2	0.0000207	0.000351
2044 Jul	184	0.265	0.361	0.00805	62.2	0.047	40.7	0.000902	0.000902	0.0000047	0.00635	0.00129	0.0442	0.0164	0.00000503	21	0.0000206	0.000347
2044 Aug	185	0.266	0.363	0.0081	62.5	0.0474	41	0.000908	0.000908	0.00000473	0.00639	0.0013	0.0445	0.0165	0.00000507	21.1	0.0000207	0.00035
2044 Sep	184	0.264	0.36	0.00802	62	0.0475	40.8	0.000907	0.000907	0.00000473	0.00639	0.0013	0.0444	0.0164	0.00000506	21.1	0.0000206	0.000348
2044 Oct	184	0.264	0.359	0.008	61.8	0.0477	40.9	0.000909	0.000909	0.00000474	0.00642	0.0013	0.0445	0.0165	0.00000507	21.1	0.0000207	0.000348
2044 Nov	187	0.269	0.365	0.00813	62.8	0.0485	41.6	0.000925	0.000925	0.00000482	0.00654	0.00133	0.0452	0.0168	0.00000516	21.5	0.000021	0.000354
2044 Dec	191	0.275	0.372	0.0083	64.2	0.0495	42.5	0.000944	0.000944	0.00000492	0.00667	0.00135	0.0462	0.0171	0.00000527	21.9	0.0000215	0.000361

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Jan	196	0.281	0.381	0.0085	65.7	0.0507	43.5	0.000967	0.000967	0.00000504	0.00683	0.00139	0.0473	0.0175	0.00000539	22.5	0.000022	0.00037
2045 Feb	200	0.287	0.39	0.00869	67.1	0.0518	44.4	0.000988	0.000988	0.00000515	0.00698	0.00142	0.0483	0.0179	0.00000551	23	0.0000225	0.000378
2045 Mar	203	0.291	0.395	0.0088	68	0.0525	45	0.001	0.001	0.00000522	0.00707	0.00143	0.049	0.0181	0.00000558	23.3	0.0000228	0.000383
2045 Apr	205	0.294	0.399	0.0089	68.8	0.0531	45.5	0.00101	0.00101	0.00000528	0.00715	0.00145	0.0495	0.0183	0.00000565	23.5	0.000023	0.000387
2045 May	206	0.296	0.402	0.00897	69.3	0.0535	45.8	0.00102	0.00102	0.00000531	0.00721	0.00146	0.0499	0.0185	0.00000569	23.7	0.0000232	0.00039
2045 Jun	182	0.259	0.352	0.00787	60.8	0.0477	40.7	0.000923	0.000923	0.00000481	0.00651	0.0013	0.0445	0.0164	0.00000514	21	0.000021	0.000346
2045 Jul	174	0.245	0.334	0.00748	57.9	0.0459	38.7	0.000899	0.000899	0.00000468	0.00632	0.00125	0.0426	0.0157	0.00000499	20.1	0.0000203	0.000332
2045 Aug	174	0.246	0.334	0.00749	58	0.0462	38.9	0.000903	0.000903	0.0000047	0.00634	0.00125	0.0428	0.0158	0.00000501	20.2	0.0000204	0.000333
2045 Sep	174	0.246	0.333	0.00748	57.9	0.0463	39	0.000905	0.000905	0.00000471	0.00636	0.00126	0.0429	0.0158	0.00000502	20.3	0.0000204	0.000334
2045 Oct	177	0.249	0.338	0.00759	58.7	0.0471	39.6	0.000918	0.000918	0.00000477	0.00645	0.00128	0.0436	0.0161	0.00000509	20.6	0.0000207	0.000338
2045 Nov	180	0.254	0.345	0.00773	59.8	0.048	40.4	0.000935	0.000935	0.00000487	0.00658	0.0013	0.0444	0.0164	0.00000519	21	0.0000211	0.000345
2045 Dec	183	0.258	0.35	0.00786	60.8	0.0488	41.1	0.00095	0.00095	0.00000494	0.00668	0.00132	0.0452	0.0166	0.00000527	21.3	0.0000214	0.00035
2046 Jan	186	0.263	0.357	0.008	61.9	0.0497	41.8	0.000968	0.000968	0.00000503	0.0068	0.00135	0.046	0.0169	0.00000537	21.7	0.0000218	0.000357
2046 Feb	189	0.267	0.363	0.00814	62.9	0.0505	42.5	0.000984	0.000984	0.00000512	0.00692	0.00137	0.0468	0.0172	0.00000546	22.1	0.0000222	0.000363
2046 Mar	192	0.271	0.368	0.00824	63.7	0.0511	43.1	0.000996	0.000996	0.00000518	0.00701	0.00139	0.0474	0.0174	0.00000553	22.4	0.0000225	0.000367
2046 Apr	194	0.274	0.371	0.00833	64.4	0.0517	43.5	0.00101	0.00101	0.00000524	0.00708	0.0014	0.0479	0.0176	0.00000559	22.6	0.0000227	0.000371
2046 May	194	0.274	0.372	0.00835	64.6	0.0518	43.7	0.00101	0.00101	0.00000525	0.0071	0.00141	0.048	0.0177	0.0000056	22.7	0.0000228	0.000372
2046 Jun	171	0.238	0.323	0.00728	56.6	0.0461	38.2	0.000924	0.000924	0.0000048	0.00646	0.00126	0.0424	0.0158	0.00000511	20.1	0.0000207	0.000332
2046 Jul	161	0.221	0.301	0.00684	53.5	0.0441	35.8	0.000906	0.000906	0.0000047	0.00628	0.0012	0.04	0.0152	0.00000499	19.2	0.00002	0.000318
2046 Aug	162	0.222	0.301	0.00685	53.5	0.0444	36	0.00091	0.00091	0.00000472	0.00631	0.00121	0.0402	0.0152	0.00000501	19.2	0.00002	0.000319
2046 Sep	161	0.22	0.299	0.0068	53.2	0.0446	36	0.000909	0.000909	0.00000472	0.00631	0.00121	0.0403	0.0152	0.000005	19.3	0.00002	0.000318
2046 Oct	161	0.22	0.297	0.00676	53	0.0448	36	0.000911	0.000911	0.00000472	0.00632	0.00121	0.0403	0.0152	0.00000501	19.3	0.0000199	0.000317
2046 Nov	163	0.223	0.301	0.00686	53.7	0.0455	36.6	0.000923	0.000923	0.00000479	0.00641	0.00122	0.041	0.0154	0.00000508	19.5	0.0000202	0.000321
2046 Dec	166	0.227	0.306	0.00696	54.5	0.0462	37.2	0.000937	0.000937	0.00000486	0.00651	0.00124	0.0416	0.0157	0.00000516	19.8	0.0000205	0.000326
2047 Jan	169	0.231	0.312	0.0071	55.6	0.0471	37.9	0.000956	0.000956	0.00000496	0.00664	0.00127	0.0425	0.016	0.00000526	20.2	0.000021	0.000333
2047 Feb	172	0.235	0.318	0.00724	56.6	0.048	38.6	0.000974	0.000974	0.00000505	0.00676	0.00129	0.0432	0.0163	0.00000536	20.6	0.0000213	0.000339
2047 Mar	174	0.238	0.321	0.00731	57.2	0.0485	39	0.000984	0.000984	0.0000051	0.00683	0.0013	0.0437	0.0165	0.00000542	20.8	0.0000216	0.000343
2047 Apr	176	0.24	0.324	0.00738	57.8	0.049	39.4	0.000993	0.000993	0.00000515	0.0069	0.00132	0.0441	0.0166	0.00000547	21	0.0000218	0.000346
2047 May	173	0.236	0.319	0.00726	56.9	0.0483	38.8	0.000982	0.000982	0.00000509	0.00682	0.0013	0.0435	0.0166	0.0000054	20.9	0.0000215	0.000342
2047 Jun	156	0.209	0.28	0.00642	51.1	0.0435	34.5	0.000909	0.000909	0.00000471	0.00624	0.00121	0.0388	0.0159	0.00000498	19.5	0.0000197	0.000317
2047 Jul	156	0.209	0.28	0.00643	51.1	0.0437	34.6	0.000915	0.000915	0.00000474	0.00628	0.00121	0.0389	0.016	0.00000501	19.5	0.0000198	0.000318
2047 Aug	157	0.21	0.281	0.00645	51.3	0.044	34.9	0.00092	0.00092	0.00000476	0.00631	0.00122	0.0392	0.0161	0.00000504	19.6	0.0000199	0.00032
2047 Sep	157	0.209	0.28	0.00641	51.1	0.0442	34.9	0.000919	0.000919	0.00000476	0.00632	0.00122	0.0393	0.016	0.00000504	19.7	0.0000199	0.000319
2047 Oct	156	0.208	0.278	0.00637	50.7	0.0443	35	0.000917	0.000917	0.00000475	0.00633	0.00122	0.0393	0.016	0.00000502	19.7	0.0000199	0.000318
2047 Nov	158	0.211	0.281	0.00643	51.2	0.0448	35.4	0.000926	0.000926	0.00000479	0.0064	0.00123	0.0398	0.0162	0.00000507	19.9	0.0000201	0.000321
2047 Dec	161	0.215	0.286	0.00655	52.1	0.0457	36.1	0.000944	0.000944	0.00000489	0.00652	0.00126	0.0405	0.0165	0.00000517	20.3	0.0000204	0.000327
2048 Jan	163	0.218	0.291	0.00666	53	0.0464	36.7	0.000959	0.000959	0.00000497	0.00663	0.00128	0.0412	0.0167	0.00000526	20.6	0.0000208	0.000332
2048 Feb	166	0.222	0.295	0.00677	53.9	0.0472	37.3	0.000975	0.000975	0.00000505	0.00674	0.0013	0.0419	0.017	0.00000534	20.9	0.0000211	0.000338
2048 Mar	169	0.226	0.301	0.0069	54.9	0.0481	38	0.000994	0.000994	0.00000515	0.00687	0.00132	0.0427	0.0174	0.00000545	21.3	0.0000215	0.000344
2048 Apr	171	0.228	0.304	0.00697	55.4	0.0485	38.4	0.001	0.001	0.00000519	0.00693	0.00134	0.0431	0.0175	0.00000549	21.5	0.0000217	0.000348
2048 May	172	0.229	0.306	0.00701	55.8	0.0488	38.6	0.00101	0.00101	0.00000522	0.00697	0.00134	0.0434	0.0176	0.00000553	21.7	0.0000219	0.00035
2048 Jun	152	0.2	0.267	0.00619	49.5	0.0438	33.8	0.000931	0.000931	0.00000481	0.00639	0.00121	0.0384	0.0158	0.00000508	19.3	0.00002	0.000315
2048 Jul	143	0.185	0.248	0.00578	46.6	0.0416	31.5	0.000905	0.000905	0.00000468	0.00616	0.00115	0.036	0.0151	0.00000492	18.2	0.0000192	0.000299
2048 Aug	143	0.185	0.247	0.00576	46.4	0.0419	31.6	0.000908	0.000908	0.00000469	0.00618	0.00115	0.0362	0.0151	0.00000494	18.3	0.0000191	0.000299
2048 Sep	143	0.185	0.246	0.00574	46.3	0.0422	31.8	0.000908	0.000908	0.00000469	0.00618	0.00115	0.0364	0.0151	0.00000494	18.3	0.0000191	0.000299
2048 Oct	143	0.184	0.246	0.00573	46.2	0.0423	31.9	0.000908	0.000908	0.00000469	0.00619	0.00115	0.0365	0.0151	0.00000494	18.4	0.0000191	0.000299
2048 Nov	144	0.186	0.247	0.00577	46.5	0.0427	32.2	0.000916	0.000916	0.00000473	0.00625	0.00116	0.0368	0.0152	0.00000498	18.5	0.0000193	0.000301
2048 Dec	147	0.19	0.252	0.00589	47.5	0.0436	32.8	0.000935	0.000935	0.00000483	0.00637	0.00119	0.0376	0.0155	0.00000508	18.9	0.0000197	0.000307
2049 Jan	150	0.194	0.258	0.00601	48.5	0.0445	33.5	0.000955	0.000955	0.00000493	0.00651	0.00121	0.0384	0.0158	0.00000519	19.3	0.0000201	0.000314
2049 Feb	153	0.197	0.262	0.00612	49.4	0.0453	34.1	0.000972	0.000972	0.00000502	0.00663	0.00123	0.0391	0.0161	0.00000529	19.6	0.0000205	0.000319
2049 Mar	155	0.2	0.266	0.00621	50	0.0459	34.6	0.000985	0.000985	0.00000509	0.00672	0.00125	0.0396	0.0164	0.00000536	19.9	0.0000207	0.000324
2049 Apr	156	0.202	0.269	0.00627	50.5	0.0464	34.9	0.000995	0.000995	0.00000514	0.00678	0.00126	0.04	0.0165	0.00000541	20.1	0.0000209	0.000327
2049 May	157	0.203	0.27	0.00629	50.8	0.0466	35.1	0.001	0.001	0.00000516	0.00682	0.00127	0.0402	0.0166	0.00000544	20.2	0.000021	0.000329
2049 Jun	138	0.175	0.233	0.0055	44.7	0.0414	30.5	0.000915	0.000915	0.00000472	0.0062	0.00113	0.0352	0.0149	0.00000496	17.9	0.0000191	0.000294
2049 Jul	134	0.168	0.225	0.00533	43.4	0.0406	29.5	0.000907	0.000907	0.00000468	0.00612	0.00111	0.0343	0.0146	0.00000491	17.5	0.0000188	0.000288
2049 Aug	135	0.169	0.226	0.00535	43.7	0.0409	29.7	0.000913	0.000913	0.00000471	0.00616	0.00112	0.0346	0.0147	0.00000494	17.6	0.0000189	0.000289
2049 Sep	135	0.169	0.225	0.00532	43.4	0.0411	29.8	0.000913	0.000913	0.00000471	0.00617	0.00112	0.0347	0.0147	0.00000494	17.6	0.0000189	0.000289
2049 Oct	135	0.169	0.224	0.0053	43.3	0.0413	30	0.000913	0.000913	0.00000471	0.0062	0.00112	0.0348	0.0147	0.00000494	17.7	0.0000189	0.000289
2049 Nov	137	0.171	0.227	0.00537	43.8	0.0419	30.5	0.000925	0.000925	0.00000477	0.00628	0.00114	0.0354	0.0149	0.000005	17.9	0.0000192	0.000293
2049 Dec	140	0.175	0.231	0.00548	44.7	0.0428	31.1	0.000943	0.000943	0.00000486	0.0064	0.00116	0.0361	0.0152	0.0000051	18.3	0.0000196	0.000299
2050 Jan	142	0.178	0.235	0.00558	45.5	0.0436	31.7	0.000961	0.000961	0.00000495	0.00652	0.00118	0.0368	0.0154	0.0000052	18.6	0.0000199	0.000304
2050 Feb	145	0.181	0.24	0.00568	46.4	0.0444	32.3	0.000979	0.000979	0.00000505	0.00665	0.0012	0.0375	0.0157	0.0000053	19	0.0000203	0.00031
2050 Mar	147	0.184	0.244	0.00577	47.1	0.0451	32.8	0.000994	0.000994	0.00000513	0.00675	0.00122	0.0381	0.016	0.00000538	19.3	0.0000206	0.000315
2050 Apr	149	0.186	0.247	0.00584	47.7	0.0456	33.2	0.00101	0.00101	0.00000519	0.00683	0.00124	0.0385	0.0162	0.00000544	19.5	0.0000209	0.000318
2050 May	150	0.188	0.248	0.00588	48	0.0459	33.4	0.00101	0.00101	0.00000522	0.00687	0.00125	0.0388	0.0163	0.00000548	19.6	0.000021	0.000321
2050 Jun	133	0.164	0.217	0.00519	42.6	0.041	29.2	0.000927	0.000927	0.00000478	0.00626	0.00112	0.0342	0.0148	0.000005	17.7	0.0000191	0.00029
2050 Jul	129	0.157	0.208	0.005	41.3	0.04	28.1	0.000916	0.000916	0.00000472	0.00615	0.00109	0.0331	0.0145	0.00000493	17.1	0.0000187	0.000282

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Aug	129	0.157	0.208	0.005	41.4	0.0403	28.3	0.00092	0.00092	0.00000474	0.00617	0.0011	0.0333	0.0145	0.00000495	17.2	0.0000187	0.000283
2050 Sep	129	0.157	0.207	0.00499	41.3	0.0405	28.4	0.00092	0.00092	0.00000474	0.00618	0.0011	0.0334	0.0145	0.00000496	17.2	0.0000187	0.000283
2050 Oct	130	0.158	0.209	0.00502	41.5	0.0408	28.7	0.000926	0.000926	0.00000477	0.00623	0.00111	0.0337	0.0146	0.00000499	17.4	0.0000189	0.000285
2050 Nov	132	0.161	0.212	0.00511	42.2	0.0415	29.2	0.000942	0.000942	0.00000485	0.00633	0.00113	0.0343	0.0149	0.00000507	17.7	0.0000192	0.00029
2050 Dec	135	0.164	0.216	0.0052	43	0.0423	29.8	0.000959	0.000959	0.00000494	0.00645	0.00115	0.035	0.0152	0.00000517	18	0.0000196	0.000295
2051 Jan	137	0.166	0.22	0.00528	43.7	0.043	30.2	0.000974	0.000974	0.00000502	0.00655	0.00117	0.0356	0.0154	0.00000525	18.3	0.0000199	0.0003
2051 Feb	139	0.169	0.224	0.00538	44.5	0.0437	30.8	0.000992	0.000992	0.00000511	0.00667	0.00119	0.0362	0.0157	0.00000534	18.6	0.0000202	0.000305
2051 Mar	141	0.172	0.227	0.00546	45.2	0.0444	31.2	0.00101	0.00101	0.00000519	0.00677	0.00121	0.0368	0.0159	0.00000543	18.9	0.0000205	0.00031
2051 Apr	143	0.174	0.23	0.00552	45.6	0.0449	31.6	0.00102	0.00102	0.00000524	0.00684	0.00122	0.0371	0.0161	0.00000548	19.1	0.0000207	0.000313
2051 May	143	0.173	0.229	0.0055	45.5	0.0448	31.6	0.00101	0.00101	0.00000522	0.00682	0.00122	0.0371	0.0161	0.00000546	19.1	0.0000207	0.000313
2051 Jun	125	0.147	0.195	0.00472	39.5	0.0392	27.4	0.000911	0.000911	0.00000469	0.00609	0.00109	0.0324	0.0147	0.0000049	17.1	0.0000186	0.000279
2051 Jul	124	0.145	0.192	0.00467	39.2	0.0391	27.1	0.000914	0.000914	0.0000047	0.00609	0.00108	0.0321	0.0146	0.00000491	17	0.0000186	0.000278
2051 Aug	123	0.144	0.191	0.00465	39.1	0.0393	27.1	0.000917	0.000917	0.00000471	0.0061	0.00109	0.0322	0.0146	0.00000492	17.1	0.0000185	0.000278
2051 Sep	123	0.144	0.189	0.00461	38.9	0.0395	27.1	0.000916	0.000916	0.00000471	0.0061	0.00109	0.0321	0.0146	0.00000492	17	0.0000184	0.000277
2051 Oct	122	0.143	0.186	0.00455	38.5	0.0397	26.8	0.000915	0.000915	0.00000471	0.00611	0.00108	0.0319	0.0145	0.00000491	17	0.0000182	0.000275
2051 Nov	124	0.146	0.189	0.00464	39.3	0.0405	27.4	0.000933	0.000933	0.0000048	0.00623	0.0011	0.0326	0.0148	0.00000501	17.3	0.0000186	0.00028
2051 Dec	126	0.148	0.193	0.00472	40	0.0412	27.9	0.000949	0.000949	0.00000488	0.00634	0.00112	0.0332	0.0151	0.00000509	17.6	0.0000189	0.000285
2052 Jan	129	0.151	0.197	0.00481	40.8	0.042	28.4	0.000969	0.000969	0.00000498	0.00647	0.00114	0.0338	0.0154	0.0000052	18	0.0000193	0.000291
2052 Feb	131	0.154	0.2	0.0049	41.5	0.0428	28.9	0.000986	0.000986	0.00000507	0.00658	0.00116	0.0344	0.0157	0.00000529	18.3	0.0000197	0.000296
2052 Mar	133	0.156	0.203	0.00496	42	0.0433	29.3	0.000998	0.000998	0.00000513	0.00667	0.00118	0.0349	0.0159	0.00000536	18.5	0.0000199	0.0003
2052 Apr	134	0.158	0.205	0.00501	42.5	0.0438	29.6	0.00101	0.00101	0.00000519	0.00674	0.00119	0.0352	0.016	0.00000541	18.7	0.0000201	0.000303
2052 May	132	0.154	0.2	0.00489	41.5	0.0428	28.9	0.000989	0.000989	0.00000509	0.0066	0.00117	0.0344	0.0159	0.0000053	18.4	0.0000197	0.000298
2052 Jun	120	0.139	0.179	0.00441	37.8	0.0389	26	0.000913	0.000913	0.00000469	0.00607	0.00108	0.031	0.015	0.00000489	17.1	0.0000182	0.000276
2052 Jul	119	0.137	0.177	0.00438	37.6	0.039	25.9	0.000916	0.000916	0.00000471	0.00607	0.00109	0.031	0.015	0.0000049	17.1	0.0000181	0.000275
2052 Aug	119	0.137	0.177	0.00437	37.6	0.0392	26.1	0.000919	0.000919	0.00000472	0.00608	0.00109	0.0311	0.015	0.00000492	17.1	0.0000181	0.000276
2052 Sep	119	0.137	0.176	0.00435	37.5	0.0394	26.1	0.000919	0.000919	0.00000472	0.00609	0.00109	0.0312	0.015	0.00000492	17.2	0.000018	0.000276
2052 Oct	120	0.137	0.177	0.00437	37.6	0.0398	26.4	0.000924	0.000924	0.00000475	0.00614	0.0011	0.0315	0.0151	0.00000495	17.3	0.0000182	0.000277
2052 Nov	123	0.14	0.181	0.00446	38.4	0.0406	27	0.000943	0.000943	0.00000485	0.00626	0.00112	0.0322	0.0154	0.00000505	17.6	0.0000185	0.000283
2052 Dec	125	0.143	0.184	0.00454	39.1	0.0413	27.4	0.00096	0.00096	0.00000493	0.00637	0.00114	0.0327	0.0156	0.00000514	18	0.0000189	0.000288
2053 Jan	127	0.145	0.187	0.00461	39.7	0.042	27.9	0.000975	0.000975	0.00000501	0.00647	0.00116	0.0333	0.0159	0.00000522	18.3	0.0000192	0.000292
2053 Feb	129	0.148	0.19	0.00469	40.4	0.0427	28.4	0.000992	0.000992	0.0000051	0.00658	0.00118	0.0338	0.0162	0.00000531	18.6	0.0000195	0.000297
2053 Mar	131	0.149	0.192	0.00474	40.9	0.0432	28.7	0.001	0.001	0.00000516	0.00666	0.00119	0.0342	0.0164	0.00000537	18.8	0.0000197	0.000301
2053 Apr	132	0.151	0.194	0.00479	41.3	0.0436	29	0.00101	0.00101	0.00000521	0.00673	0.00121	0.0346	0.0165	0.00000542	19	0.0000199	0.000304
2053 May	126	0.144	0.185	0.00455	39.4	0.0417	27.9	0.000969	0.000969	0.00000498	0.00643	0.00116	0.0332	0.0161	0.00000519	18.4	0.0000191	0.000293
2053 Jun	117	0.131	0.167	0.00414	36.4	0.0383	25.5	0.000907	0.000907	0.00000466	0.00598	0.0011	0.0303	0.0157	0.00000484	17.6	0.0000179	0.000277
2053 Jul	117	0.13	0.167	0.00415	36.5	0.0384	25.5	0.000911	0.000911	0.00000468	0.006	0.0011	0.0304	0.0157	0.00000487	17.6	0.000018	0.000278
2053 Aug	118	0.131	0.168	0.00416	36.6	0.0388	25.8	0.000916	0.000916	0.0000047	0.00603	0.00111	0.0308	0.0158	0.00000489	17.7	0.000018	0.000279
2053 Sep	119	0.132	0.169	0.00418	36.7	0.0391	26.3	0.000918	0.000918	0.00000472	0.00606	0.00111	0.0312	0.0158	0.00000491	17.8	0.0000182	0.00028
2053 Oct	120	0.133	0.17	0.0042	36.8	0.0394	26.7	0.000921	0.000921	0.00000473	0.00608	0.00112	0.0316	0.0159	0.00000493	17.9	0.0000183	0.000282
2053 Nov	121	0.134	0.171	0.00423	37.1	0.0397	26.9	0.000927	0.000927	0.00000476	0.00613	0.00113	0.0319	0.016	0.00000496	18.1	0.0000184	0.000284
2053 Dec	123	0.136	0.174	0.00432	37.9	0.0406	27.5	0.000947	0.000947	0.00000487	0.00626	0.00115	0.0326	0.0163	0.00000507	18.5	0.0000188	0.00029
2054 Jan	126	0.139	0.178	0.0044	38.6	0.0413	28	0.000965	0.000965	0.00000496	0.00638	0.00117	0.0332	0.0166	0.00000516	18.8	0.0000191	0.000295
2054 Feb	127	0.141	0.18	0.00447	39.2	0.042	28.4	0.000979	0.000979	0.00000503	0.00648	0.00119	0.0337	0.0169	0.00000524	19.1	0.0000194	0.000299
2054 Mar	129	0.143	0.183	0.00454	39.8	0.0426	28.9	0.000995	0.000995	0.00000511	0.00658	0.00121	0.0342	0.0172	0.00000532	19.4	0.0000197	0.000304
2054 Apr	131	0.145	0.185	0.00459	40.2	0.0431	29.2	0.00101	0.00101	0.00000517	0.00665	0.00122	0.0346	0.0174	0.00000538	19.6	0.00002	0.000308
2054 May	129	0.143	0.183	0.00452	39.7	0.0425	28.8	0.000994	0.000994	0.00000511	0.00657	0.00121	0.0341	0.0172	0.00000532	19.4	0.0000197	0.000305
2054 Jun	117	0.127	0.161	0.00402	35.7	0.0382	25.5	0.000913	0.000913	0.00000469	0.00603	0.00112	0.0304	0.0162	0.00000487	18	0.0000182	0.000282
2054 Jul	115	0.125	0.159	0.00398	35.4	0.038	25.3	0.000913	0.000913	0.00000469	0.00602	0.00111	0.0301	0.0161	0.00000487	17.8	0.0000181	0.000279
2054 Aug	116	0.124	0.158	0.00396	35.3	0.0383	25.4	0.000915	0.000915	0.0000047	0.00602	0.00111	0.0303	0.0161	0.00000488	17.8	0.000018	0.00028
2054 Sep	116	0.124	0.158	0.00395	35.3	0.0385	25.4	0.000917	0.000917	0.0000047	0.00603	0.00112	0.0303	0.0161	0.00000489	17.8	0.000018	0.00028
2054 Oct	115	0.124	0.157	0.00394	35.2	0.0386	25.4	0.000916	0.000916	0.0000047	0.00604	0.00111	0.0303	0.016	0.00000489	17.8	0.0000179	0.000279
2054 Nov	117	0.126	0.159	0.00399	35.7	0.0392	25.8	0.00093	0.00093	0.00000477	0.00613	0.00113	0.0308	0.0163	0.00000496	18.1	0.0000182	0.000283
2054 Dec	119	0.128	0.162	0.00407	36.4	0.0399	26.3	0.000947	0.000947	0.00000486	0.00624	0.00115	0.0314	0.0166	0.00000505	18.4	0.0000185	0.000288
2055 Jan	122	0.131	0.166	0.00416	37.2	0.0409	26.9	0.000969	0.000969	0.00000497	0.00639	0.00118	0.0321	0.017	0.00000517	18.9	0.000019	0.000295
2055 Feb	125	0.134	0.169	0.00425	38	0.0417	27.5	0.000989	0.000989	0.00000508	0.00652	0.0012	0.0328	0.0173	0.00000528	19.2	0.0000194	0.000301
2055 Mar	126	0.136	0.172	0.00431	38.6	0.0423	27.9	0.001	0.001	0.00000515	0.00662	0.00122	0.0333	0.0176	0.00000535	19.5	0.0000196	0.000306
2055 Apr	128	0.137	0.173	0.00435	38.9	0.0427	28.1	0.00101	0.00101	0.0000052	0.00668	0.00123	0.0336	0.0177	0.00000541	19.7	0.0000198	0.000308
2055 May	129	0.138	0.175	0.00439	39.3	0.0431	28.3	0.00102	0.00102	0.00000524	0.00673	0.00124	0.0338	0.0179	0.00000545	19.9	0.00002	0.000311
2055 Jun	113	0.12	0.153	0.00387	34.6	0.0381	24.7	0.000925	0.000925	0.00000475	0.00609	0.0011	0.0298	0.0157	0.00000492	17.4	0.0000181	0.000276
2055 Jul	110	0.116	0.149	0.00378	33.9	0.0374	23.9	0.000917	0.000917	0.0000047	0.00602	0.00108	0.029	0.0154	0.00000488	17	0.0000179	0.000271
2055 Aug	111	0.116	0.149	0.00379	34	0.0377	24.1	0.000921	0.000921	0.00000472	0.00604	0.00108	0.0292	0.0154	0.0000049	17.1	0.0000179	0.000272
2055 Sep	111	0.116	0.148	0.00377	33.9	0.0378	24.1	0.000921	0.000921	0.00000473	0.00605	0.00108	0.0293	0.0154	0.0000049	17.1	0.0000179	0.000272
2055 Oct	111	0.116	0.148	0.00377	33.9	0.038	24.2	0.000923	0.000923	0.00000473	0.00606	0.00109	0.0294	0.0155	0.00000491	17.2	0.0000179	0.000272
2055 Nov	112	0.117	0.149	0.0038	34.1	0.0382	24.4	0.000928	0.000928	0.00000476	0.0061	0.00109	0.0296	0.0156	0.00000494	17.3	0.000018	0.000274
2055 Dec	113	0.119	0.151	0.00384	34.5	0.0387	24.8	0.000939	0.000939	0.00000482	0.00617	0.00111	0.03	0.0157	0.000005	17.5	0.0000183	0.000277
2056 Jan	115	0.121	0.154	0.00391	35.2	0.0394	25.2	0.000956	0.000956	0.0000049	0.00629	0.00113	0.0305	0.016	0.00000509	17.8	0.0000186	0.000282
2056 Feb	117	0.123	0.157	0.00399	35.8	0.0401	25.7	0.000974	0.000974	0.000005	0.0064	0.00115	0.0311	0.0163	0.00000518	18.1	0.0000189	0.000288

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Mar	119	0.125	0.159	0.00405	36.4	0.0408	26.1	0.00099	0.00099	0.00000508	0.00651	0.00117	0.0316	0.0166	0.00000527	18.4	0.0000192	0.000292
2056 Apr	121	0.126	0.161	0.0041	36.8	0.0412	26.4	0.001	0.001	0.00000513	0.00658	0.00118	0.032	0.0168	0.00000532	18.6	0.0000195	0.000296
2056 May	118	0.123	0.156	0.00398	35.9	0.0401	25.6	0.000978	0.000978	0.00000502	0.00643	0.00116	0.0311	0.0166	0.0000052	18.4	0.000019	0.00029
2056 Jun	109	0.112	0.142	0.00363	33.3	0.0367	23.2	0.000915	0.000915	0.00000469	0.00598	0.0011	0.0281	0.0162	0.00000486	17.5	0.0000177	0.000276
2056 Jul	109	0.112	0.142	0.00364	33.3	0.0369	23.3	0.00092	0.00092	0.00000472	0.00601	0.0011	0.0282	0.0162	0.00000488	17.5	0.0000178	0.000277
2056 Aug	109	0.112	0.141	0.00363	33.3	0.0372	23.4	0.000923	0.000923	0.00000473	0.00602	0.0011	0.0284	0.0163	0.0000049	17.6	0.0000178	0.000277
2056 Sep	110	0.112	0.141	0.00363	33.4	0.0374	23.6	0.000925	0.000925	0.00000474	0.00605	0.00111	0.0286	0.0163	0.00000491	17.7	0.0000179	0.000278
2056 Oct	109	0.112	0.14	0.00359	33	0.0373	23.5	0.000918	0.000918	0.00000471	0.00602	0.0011	0.0285	0.0162	0.00000487	17.6	0.0000178	0.000276
2056 Nov	111	0.113	0.142	0.00364	33.5	0.0379	23.9	0.000932	0.000932	0.00000477	0.00611	0.00112	0.029	0.0164	0.00000495	17.8	0.000018	0.00028
2056 Dec	113	0.116	0.145	0.00372	34.2	0.0387	24.5	0.000951	0.000951	0.00000488	0.00624	0.00114	0.0296	0.0168	0.00000505	18.2	0.0000184	0.000286
2057 Jan	115	0.118	0.147	0.00379	34.8	0.0394	24.9	0.000969	0.000969	0.00000496	0.00636	0.00116	0.0301	0.0171	0.00000514	18.5	0.0000188	0.000291
2057 Feb	117	0.12	0.15	0.00386	35.5	0.0402	25.4	0.000987	0.000987	0.00000506	0.00648	0.00119	0.0307	0.0174	0.00000524	18.9	0.0000191	0.000296
2057 Mar	119	0.122	0.152	0.00391	36	0.0407	25.7	0.001	0.001	0.00000513	0.00657	0.0012	0.0312	0.0177	0.00000532	19.2	0.0000194	0.000301
2057 Apr	120	0.123	0.154	0.00396	36.4	0.0412	26	0.00101	0.00101	0.00000519	0.00665	0.00122	0.0315	0.0179	0.00000538	19.4	0.0000196	0.000304
2057 May	120	0.123	0.153	0.00393	36.2	0.0409	25.8	0.00101	0.00101	0.00000516	0.00661	0.00121	0.0313	0.0178	0.00000534	19.3	0.0000195	0.000303
2057 Jun	105	0.107	0.133	0.00344	32	0.0359	22.3	0.000906	0.000906	0.00000464	0.00593	0.00108	0.0272	0.0162	0.0000048	17.3	0.0000175	0.000272
2057 Jul	105	0.106	0.133	0.00344	32	0.036	22.3	0.00091	0.00091	0.00000466	0.00595	0.00108	0.0272	0.0161	0.00000482	17.2	0.0000176	0.000272
2057 Aug	106	0.107	0.134	0.00346	32.2	0.0363	22.5	0.000916	0.000916	0.00000469	0.00599	0.00109	0.0275	0.0162	0.00000485	17.4	0.0000177	0.000274
2057 Sep	107	0.107	0.134	0.00346	32.2	0.0365	22.8	0.000917	0.000917	0.0000047	0.00601	0.0011	0.0278	0.0163	0.00000486	17.5	0.0000178	0.000275
2057 Oct	107	0.107	0.134	0.00346	32.2	0.0367	23	0.000917	0.000917	0.0000047	0.00602	0.0011	0.028	0.0163	0.00000486	17.5	0.0000178	0.000275
2057 Nov	109	0.109	0.136	0.00352	32.8	0.0374	23.5	0.000934	0.000934	0.00000478	0.00613	0.00112	0.0286	0.0166	0.00000495	17.8	0.0000182	0.00028
2057 Dec	111	0.111	0.139	0.00359	33.4	0.0382	24	0.000953	0.000953	0.00000488	0.00626	0.00114	0.0291	0.0169	0.00000505	18.2	0.0000185	0.000286
2058 Jan	113	0.113	0.141	0.00366	34	0.0389	24.4	0.000969	0.000969	0.00000497	0.00637	0.00116	0.0297	0.0172	0.00000514	18.5	0.0000189	0.000291
2058 Feb	116	0.116	0.144	0.00373	34.7	0.0396	24.9	0.000989	0.000989	0.00000507	0.00649	0.00119	0.0303	0.0175	0.00000524	18.9	0.0000192	0.000297
2058 Mar	117	0.117	0.146	0.00379	35.2	0.0402	25.3	0.001	0.001	0.00000514	0.00659	0.0012	0.0307	0.0178	0.00000532	19.2	0.0000195	0.000301
2058 Apr	119	0.119	0.148	0.00383	35.6	0.0407	25.6	0.00102	0.00102	0.0000052	0.00667	0.00122	0.0311	0.018	0.00000538	19.4	0.0000197	0.000304
2058 May	116	0.115	0.143	0.0037	34.6	0.0396	25.1	0.000986	0.000986	0.00000505	0.00648	0.00119	0.0303	0.0178	0.00000523	19.1	0.0000193	0.000298
2058 Jun	105	0.103	0.127	0.0033	31.3	0.0354	22.6	0.000898	0.000898	0.0000046	0.00588	0.00111	0.0272	0.017	0.00000476	17.9	0.0000176	0.000277
2058 Jul	106	0.103	0.127	0.00331	31.4	0.0355	22.6	0.000902	0.000902	0.00000462	0.0059	0.00111	0.0273	0.017	0.00000478	17.9	0.0000177	0.000277
2058 Aug	106	0.103	0.128	0.00331	31.5	0.0358	22.8	0.000906	0.000906	0.00000464	0.00592	0.00111	0.0275	0.017	0.0000048	18	0.0000178	0.000278
2058 Sep	106	0.103	0.127	0.0033	31.4	0.036	23	0.000906	0.000906	0.00000464	0.00594	0.00112	0.0277	0.017	0.0000048	18.1	0.0000178	0.000279
2058 Oct	107	0.103	0.127	0.0033	31.4	0.0363	23.1	0.000908	0.000908	0.00000465	0.00597	0.00112	0.0279	0.0171	0.00000481	18.1	0.0000178	0.000279
2058 Nov	108	0.105	0.129	0.00335	32	0.0369	23.6	0.000924	0.000924	0.00000473	0.00607	0.00114	0.0284	0.0173	0.00000489	18.4	0.0000181	0.000284
2058 Dec	111	0.107	0.132	0.00342	32.6	0.0377	24.1	0.000943	0.000943	0.00000483	0.0062	0.00116	0.029	0.0177	0.000005	18.8	0.0000185	0.00029
2059 Jan	113	0.11	0.135	0.0035	33.4	0.0386	24.6	0.000964	0.000964	0.00000494	0.00634	0.00119	0.0297	0.0181	0.00000511	19.3	0.0000189	0.000296
2059 Feb	115	0.112	0.137	0.00356	34	0.0393	25.1	0.000982	0.000982	0.00000503	0.00645	0.00121	0.0302	0.0184	0.0000052	19.6	0.0000193	0.000302
2059 Mar	117	0.114	0.139	0.00362	34.5	0.0399	25.4	0.000996	0.000996	0.0000051	0.00655	0.00123	0.0307	0.0187	0.00000528	19.9	0.0000196	0.000306
2059 Apr	118	0.115	0.141	0.00366	34.9	0.0403	25.7	0.00101	0.00101	0.00000516	0.00663	0.00124	0.031	0.0189	0.00000534	20.1	0.0000198	0.00031
2059 May	116	0.112	0.137	0.00357	34.1	0.0394	25.2	0.000988	0.000988	0.00000506	0.0065	0.00122	0.0303	0.0187	0.00000524	19.8	0.0000194	0.000305
2059 Jun	106	0.102	0.124	0.00324	31.3	0.0358	22.7	0.000908	0.000908	0.00000465	0.00596	0.00113	0.0274	0.0176	0.00000481	18.5	0.0000179	0.000283
2059 Jul	107	0.103	0.125	0.00326	31.4	0.036	22.9	0.000915	0.000915	0.00000469	0.006	0.00114	0.0276	0.0177	0.00000484	18.6	0.000018	0.000285
2059 Aug	108	0.103	0.125	0.00327	31.6	0.0363	23.1	0.00092	0.00092	0.00000471	0.00603	0.00115	0.0278	0.0178	0.00000487	18.7	0.0000181	0.000286
2059 Sep	108	0.103	0.125	0.00327	31.6	0.0365	23.2	0.000921	0.000921	0.00000472	0.00605	0.00115	0.028	0.0178	0.00000488	18.7	0.0000181	0.000287
2059 Oct	107	0.103	0.123	0.00322	31.2	0.0367	23.2	0.000918	0.000918	0.0000047	0.00607	0.00115	0.0279	0.0177	0.00000486	18.7	0.000018	0.000285
2059 Nov	108	0.104	0.124	0.00325	31.6	0.0372	23.5	0.000929	0.000929	0.00000476	0.00615	0.00116	0.0283	0.0179	0.00000492	18.9	0.0000183	0.000288
2059 Dec	111	0.107	0.127	0.00332	32.3	0.038	24	0.000949	0.000949	0.00000486	0.00628	0.00119	0.0289	0.0183	0.00000502	19.3	0.0000187	0.000294
2060 Jan	112	0.108	0.129	0.00337	32.8	0.0386	24.4	0.000963	0.000963	0.00000493	0.00638	0.00121	0.0293	0.0186	0.0000051	19.6	0.0000189	0.000299
2060 Feb	114	0.11	0.131	0.00343	33.4	0.0393	24.8	0.000981	0.000981	0.00000502	0.0065	0.00123	0.0299	0.019	0.00000519	20	0.0000193	0.000305
2060 Mar	116	0.112	0.133	0.00349	33.9	0.0399	25.2	0.000996	0.000996	0.0000051	0.0066	0.00125	0.0303	0.0192	0.00000527	20.3	0.0000196	0.000309
2060 Apr	117	0.113	0.134	0.00353	34.2	0.0403	25.5	0.00101	0.00101	0.00000516	0.00667	0.00126	0.0306	0.0195	0.00000533	20.5	0.0000198	0.000313
2060 May	112	0.108	0.127	0.00334	32.7	0.0383	24.2	0.000962	0.000962	0.00000493	0.00637	0.00121	0.0291	0.0189	0.00000509	19.8	0.000019	0.000301
2060 Jun	106	0.101	0.12	0.00314	31	0.0357	22.4	0.000913	0.000913	0.00000467	0.006	0.00116	0.0269	0.0184	0.00000483	19	0.0000179	0.000289
2060 Jul	106	0.101	0.12	0.00316	31.2	0.0359	22.5	0.00092	0.00092	0.00000471	0.00605	0.00116	0.0271	0.0185	0.00000486	19.1	0.000018	0.00029
2060 Aug	107	0.101	0.12	0.00315	31.2	0.0362	22.6	0.000923	0.000923	0.00000472	0.00606	0.00117	0.0272	0.0185	0.00000488	19.2	0.000018	0.000291
2060 Sep	106	0.1	0.118	0.00311	30.9	0.0364	22.6	0.000921	0.000921	0.00000471	0.00606	0.00117	0.0272	0.0184	0.00000487	19.1	0.0000179	0.00029
2060 Oct	106	0.101	0.118	0.00311	30.9	0.0366	22.7	0.000921	0.000921	0.00000471	0.00607	0.00117	0.0274	0.0184	0.00000487	19.1	0.0000179	0.000289
2060 Nov	107	0.102	0.119	0.00314	31.2	0.0371	23	0.000932	0.000932	0.00000477	0.00614	0.00118	0.0277	0.0186	0.00000492	19.3	0.0000181	0.000292
2060 Dec	109	0.104	0.121	0.0032	31.7	0.0377	23.4	0.000947	0.000947	0.00000484	0.00624	0.0012	0.0282	0.0189	0.000005	19.6	0.0000184	0.000297
2061 Jan	111	0.106	0.123	0.00325	32.3	0.0384	23.8	0.000963	0.000963	0.00000493	0.00635	0.00122	0.0287	0.0192	0.00000509	20	0.0000187	0.000302
2061 Feb	113	0.107	0.125	0.00331	32.8	0.039	24.2	0.000979	0.000979	0.00000501	0.00645	0.00124	0.0292	0.0195	0.00000517	20.3	0.000019	0.000307
2061 Mar	115	0.109	0.127	0.00335	33.3	0.0396	24.6	0.000993	0.000993	0.00000508	0.00655	0.00126	0.0296	0.0198	0.00000525	20.6	0.0000193	0.000311
2061 Apr	116	0.11	0.128	0.00339	33.7	0.04	24.8	0.001	0.001	0.00000514	0.00662	0.00127	0.0299	0.02	0.0000053	20.8	0.0000195	0.000315
2061 May	111	0.105	0.123	0.00324	32.3	0.0382	23.7	0.000963	0.000963	0.00000493	0.00634	0.00123	0.0286	0.0195	0.00000509	20.2	0.0000187	0.000304
2061 Jun	105	0.0983	0.115	0.00303	30.5	0.0353	21.9	0.000906	0.000906	0.00000464	0.00593	0.00116	0.0263	0.0187	0.00000478	19.2	0.0000176	0.000289
2061 Jul	105	0.0985	0.115	0.00304	30.6	0.0356	22	0.000912	0.000912	0.00000467	0.00596	0.00117	0.0265	0.0188	0.00000482	19.2	0.0000177	0.00029
2061 Aug	106	0.0988	0.116	0.00306	30.8	0.0359	22.2	0.000917	0.000917	0.00000469	0.006	0.00117	0.0267	0.0189	0.00000484	19.4	0.0000178	0.000292
2061 Sep	106	0.0989	0.116	0.00305	30.8	0.0361	22.4	0.000918	0.000918	0.0000047	0.00601	0.00118	0.0269	0.0189	0.00000485	19.4	0.0000178	0.000292

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Oct	106	0.0991	0.114	0.00303	30.6	0.0363	22.5	0.000917	0.000917	0.00000469	0.00603	0.00118	0.0271	0.0188	0.00000484	19.4	0.0000178	0.000292
2061 Nov	108	0.101	0.116	0.00308	31.2	0.0372	23.1	0.000936	0.000936	0.00000479	0.00617	0.0012	0.0277	0.0192	0.00000494	19.8	0.0000182	0.000297
2061 Dec	110	0.103	0.118	0.00314	31.8	0.0379	23.5	0.000953	0.000953	0.00000488	0.00628	0.00122	0.0282	0.0196	0.00000503	20.2	0.0000185	0.000303
2062 Jan	112	0.105	0.121	0.0032	32.3	0.0385	23.9	0.00097	0.00097	0.00000497	0.0064	0.00124	0.0287	0.0199	0.00000512	20.5	0.0000188	0.000308
2062 Feb	114	0.106	0.122	0.00324	32.8	0.0391	24.3	0.000984	0.000984	0.00000503	0.00649	0.00126	0.0291	0.0202	0.0000052	20.8	0.0000191	0.000313
2062 Mar	115	0.108	0.124	0.00328	33.2	0.0396	24.6	0.000997	0.000997	0.0000051	0.00657	0.00128	0.0295	0.0205	0.00000526	21.1	0.0000194	0.000317
2062 Apr	116	0.109	0.125	0.00331	33.6	0.04	24.8	0.00101	0.00101	0.00000515	0.00664	0.00129	0.0298	0.0207	0.00000532	21.3	0.0000195	0.00032
2062 May	117	0.11	0.126	0.00334	33.8	0.0403	25	0.00101	0.00101	0.00000519	0.00669	0.0013	0.0301	0.0208	0.00000536	21.5	0.0000197	0.000323
2062 Jun	106	0.0983	0.115	0.00305	30.7	0.0365	22.3	0.000936	0.000936	0.00000479	0.00617	0.00118	0.027	0.0187	0.00000494	19.2	0.0000182	0.000292
2062 Jul	102	0.0948	0.112	0.00298	29.8	0.0355	21.5	0.00092	0.00092	0.00000471	0.00606	0.00114	0.0262	0.018	0.00000485	18.5	0.0000178	0.000284
2062 Aug	102	0.0942	0.111	0.00297	29.7	0.0358	21.5	0.000922	0.000922	0.00000472	0.00606	0.00114	0.0263	0.018	0.00000486	18.6	0.0000178	0.000284
2062 Sep	102	0.0944	0.11	0.00296	29.7	0.036	21.6	0.000922	0.000922	0.00000472	0.00606	0.00114	0.0264	0.0179	0.00000486	18.5	0.0000177	0.000283
2062 Oct	102	0.0957	0.111	0.00297	29.8	0.0364	21.7	0.000922	0.000922	0.00000472	0.00608	0.00114	0.0265	0.0178	0.00000486	18.5	0.0000176	0.000281
2062 Nov	104	0.0976	0.113	0.00303	30.4	0.0371	22.1	0.00094	0.00094	0.00000481	0.0062	0.00116	0.027	0.0181	0.00000495	18.8	0.0000179	0.000286
2062 Dec	106	0.0996	0.115	0.00309	31	0.0379	22.6	0.000959	0.000959	0.00000491	0.00633	0.00118	0.0276	0.0185	0.00000506	19.2	0.0000183	0.000292
2063 Jan	108	0.101	0.117	0.00315	31.6	0.0386	23	0.000977	0.000977	0.000005	0.00644	0.00121	0.0281	0.0188	0.00000515	19.5	0.0000187	0.000297
2063 Feb	110	0.103	0.119	0.0032	32.1	0.0393	23.4	0.000993	0.000993	0.00000508	0.00655	0.00123	0.0286	0.0191	0.00000524	19.9	0.000019	0.000303
2063 Mar	112	0.105	0.121	0.00325	32.6	0.0399	23.8	0.00101	0.00101	0.00000517	0.00666	0.00125	0.029	0.0195	0.00000532	20.2	0.0000193	0.000308
2063 Apr	113	0.106	0.123	0.00329	33	0.0403	24	0.00102	0.00102	0.00000522	0.00673	0.00126	0.0293	0.0197	0.00000538	20.4	0.0000195	0.000311
2063 May	111	0.104	0.12	0.00321	32.3	0.0394	23.4	0.001	0.001	0.00000512	0.0066	0.00124	0.0286	0.0194	0.00000527	20.1	0.0000191	0.000306
2063 Jun	101	0.0941	0.11	0.00294	29.8	0.0351	20.5	0.000922	0.000922	0.00000471	0.00602	0.00114	0.0252	0.0183	0.00000485	18.6	0.0000176	0.000284
2063 Jul	101	0.0935	0.11	0.00295	29.8	0.0351	20.4	0.000923	0.000923	0.00000472	0.00603	0.00114	0.0252	0.0182	0.00000486	18.5	0.0000176	0.000284
2063 Aug	101	0.0938	0.11	0.00296	29.9	0.0354	20.6	0.000928	0.000928	0.00000475	0.00606	0.00114	0.0254	0.0183	0.00000488	18.6	0.0000177	0.000285
2063 Sep	102	0.0937	0.11	0.00295	29.9	0.0356	20.8	0.000929	0.000929	0.00000475	0.00607	0.00114	0.0256	0.0183	0.00000489	18.6	0.0000176	0.000285
2063 Oct	101	0.0929	0.108	0.00291	29.5	0.0354	20.7	0.000919	0.000919	0.0000047	0.00603	0.00113	0.0255	0.0181	0.00000484	18.4	0.0000175	0.000282
2063 Nov	102	0.0942	0.11	0.00294	29.9	0.036	21	0.000932	0.000932	0.00000477	0.00611	0.00115	0.0258	0.0183	0.0000049	18.7	0.0000177	0.000286
2063 Dec	103	0.0955	0.111	0.00298	30.3	0.0364	21.3	0.000944	0.000944	0.00000483	0.00619	0.00117	0.0262	0.0185	0.00000497	19	0.000018	0.00029
2064 Jan	105	0.0971	0.113	0.00303	30.8	0.0371	21.7	0.00096	0.00096	0.00000491	0.0063	0.00119	0.0266	0.0188	0.00000505	19.3	0.0000183	0.000294
2064 Feb	107	0.0987	0.115	0.00308	31.3	0.0377	22.1	0.000976	0.000976	0.00000499	0.0064	0.00121	0.0271	0.0192	0.00000514	19.6	0.0000186	0.000299
2064 Mar	108	0.0998	0.116	0.00312	31.6	0.0381	22.3	0.000987	0.000987	0.00000505	0.00647	0.00122	0.0274	0.0194	0.00000519	19.8	0.0000188	0.000303
2064 Apr	109	0.101	0.117	0.00315	32	0.0386	22.6	0.000999	0.000999	0.00000511	0.00655	0.00123	0.0277	0.0196	0.00000526	20.1	0.000019	0.000306
2064 May	107	0.0985	0.114	0.00307	31.3	0.0375	22	0.000974	0.000974	0.00000498	0.00639	0.00121	0.027	0.0194	0.00000513	19.8	0.0000186	0.000301
2064 Jun	101	0.0923	0.108	0.00287	29.6	0.0346	20.3	0.000915	0.000915	0.00000468	0.00596	0.00115	0.0249	0.0189	0.00000481	19	0.0000175	0.000288
2064 Jul	101	0.0921	0.107	0.00288	29.6	0.0348	20.4	0.000919	0.000919	0.0000047	0.00599	0.00116	0.025	0.0189	0.00000483	19	0.0000175	0.000288
2064 Aug	101	0.0918	0.107	0.00287	29.6	0.035	20.5	0.000922	0.000922	0.00000471	0.006	0.00116	0.0251	0.0189	0.00000485	19	0.0000175	0.000288
2064 Sep	101	0.0918	0.106	0.00286	29.5	0.0353	20.7	0.000921	0.000921	0.00000471	0.006	0.00116	0.0253	0.0188	0.00000484	19	0.0000174	0.000287
2064 Oct	102	0.0925	0.107	0.00287	29.6	0.0357	21	0.000925	0.000925	0.00000473	0.00603	0.00116	0.0256	0.0188	0.00000487	19.1	0.0000175	0.000288
2064 Nov	103	0.0937	0.108	0.00291	30	0.0361	21.3	0.000937	0.000937	0.00000479	0.00611	0.00118	0.026	0.0191	0.00000493	19.4	0.0000178	0.000292
2064 Dec	105	0.0952	0.11	0.00295	30.5	0.0367	21.6	0.000951	0.000951	0.00000487	0.00621	0.0012	0.0264	0.0194	0.00000501	19.7	0.0000181	0.000297
2065 Jan	107	0.0969	0.112	0.003	31	0.0374	22	0.000968	0.000968	0.00000495	0.00632	0.00122	0.0269	0.0197	0.00000509	20	0.0000184	0.000302
2065 Feb	109	0.0985	0.114	0.00305	31.5	0.038	22.4	0.000984	0.000984	0.00000503	0.00642	0.00124	0.0273	0.02	0.00000518	20.3	0.0000187	0.000307
2065 Mar	110	0.0997	0.115	0.00309	31.9	0.0384	22.7	0.000996	0.000996	0.00000509	0.0065	0.00125	0.0277	0.0203	0.00000524	20.6	0.0000189	0.000311
2065 Apr	111	0.101	0.116	0.00312	32.2	0.0388	22.9	0.00101	0.00101	0.00000514	0.00656	0.00127	0.0279	0.0205	0.00000529	20.8	0.0000191	0.000314
2065 May	107	0.0971	0.112	0.003	31.1	0.0374	22.1	0.000971	0.000971	0.00000497	0.00634	0.00123	0.027	0.02	0.00000511	20.2	0.0000185	0.000305
2065 Jun	102	0.0917	0.106	0.00285	29.6	0.0349	20.5	0.000923	0.000923	0.00000472	0.006	0.00117	0.0251	0.0193	0.00000485	19.3	0.0000176	0.000291
2065 Jul	102	0.0919	0.107	0.00287	29.7	0.0352	20.7	0.000929	0.000929	0.00000475	0.00604	0.00118	0.0253	0.0193	0.00000488	19.4	0.0000177	0.000292
2065 Aug	103	0.0922	0.107	0.00287	29.8	0.0355	20.9	0.000934	0.000934	0.00000478	0.00607	0.00118	0.0255	0.0194	0.00000491	19.5	0.0000178	0.000294
2065 Sep	102	0.0921	0.106	0.00284	29.6	0.0357	21	0.000932	0.000932	0.00000476	0.00608	0.00118	0.0256	0.0193	0.0000049	19.4	0.0000177	0.000293
2065 Oct	102	0.0929	0.105	0.00283	29.5	0.036	21	0.000928	0.000928	0.00000475	0.0061	0.00117	0.0256	0.0191	0.00000488	19.3	0.0000176	0.00029
2065 Nov	104	0.0947	0.107	0.00288	30	0.0367	21.4	0.000945	0.000945	0.00000483	0.00621	0.00119	0.0261	0.0194	0.00000497	19.6	0.0000179	0.000294
2065 Dec	106	0.0965	0.109	0.00293	30.6	0.0374	21.8	0.000963	0.000963	0.00000492	0.00633	0.00122	0.0266	0.0197	0.00000506	20	0.0000182	0.0003
2066 Jan	107	0.098	0.11	0.00298	31	0.038	22.1	0.000977	0.000977	0.000005	0.00642	0.00123	0.027	0.02	0.00000514	20.3	0.0000185	0.000305
2066 Feb	109	0.0992	0.112	0.00301	31.4	0.0385	22.4	0.000989	0.000989	0.00000506	0.00651	0.00125	0.0273	0.0203	0.0000052	20.5	0.0000187	0.000308
2066 Mar	110	0.1	0.113	0.00305	31.7	0.0389	22.6	0.001	0.001	0.00000511	0.00657	0.00126	0.0276	0.0205	0.00000526	20.7	0.0000189	0.000312
2066 Apr	111	0.101	0.114	0.00308	32.1	0.0393	22.9	0.00101	0.00101	0.00000517	0.00665	0.00128	0.0279	0.0207	0.00000532	21	0.0000191	0.000315
2066 May	111	0.102	0.115	0.00308	32.2	0.0394	22.9	0.00101	0.00101	0.00000518	0.00666	0.00128	0.028	0.0208	0.00000533	21	0.0000192	0.000316
2066 Jun	100	0.0912	0.104	0.00281	29.2	0.0352	20.2	0.000927	0.000927	0.00000474	0.00608	0.00116	0.0249	0.0189	0.00000487	19	0.0000176	0.000288
2066 Jul	100	0.0911	0.105	0.00283	29.3	0.0354	20.3	0.000934	0.000934	0.00000477	0.00612	0.00116	0.025	0.0188	0.0000049	19	0.0000177	0.000288
2066 Aug	101	0.0913	0.105	0.00284	29.4	0.0357	20.5	0.000938	0.000938	0.0000048	0.00615	0.00117	0.0252	0.0189	0.00000493	19.1	0.0000178	0.00029
2066 Sep	101	0.0914	0.104	0.00282	29.3	0.0359	20.6	0.000939	0.000939	0.0000048	0.00617	0.00117	0.0254	0.0189	0.00000493	19.1	0.0000178	0.00029
2066 Oct	101	0.0915	0.103	0.0028	29.2	0.0361	20.7	0.000938	0.000938	0.00000479	0.00619	0.00117	0.0255	0.0189	0.00000493	19.1	0.0000178	0.000289
2066 Nov	102	0.0925	0.104	0.00283	29.5	0.0365	21	0.000947	0.000947	0.00000484	0.00625	0.00118	0.0258	0.019	0.00000498	19.3	0.000018	0.000292
2066 Dec	104	0.0942	0.106	0.00288	30	0.0372	21.4	0.000965	0.000965	0.00000493	0.00637	0.00121	0.0263	0.0194	0.00000507	19.7	0.0000183	0.000297
2067 Jan	106	0.0957	0.108	0.00293	30.5	0.0378	21.7	0.00098	0.00098	0.00000501	0.00647	0.00123	0.0267	0.0197	0.00000515	20	0.0000186	0.000302
2067 Feb	107	0.0971	0.11	0.00297	30.9	0.0384	22	0.000994	0.000994	0.00000508	0.00657	0.00124	0.0271	0.02	0.00000522	20.3	0.0000189	0.000306
2067 Mar	109	0.0984	0.111	0.00301	31.4	0.0389	22.3	0.00101	0.00101	0.00000515	0.00666	0.00126	0.0275	0.0203	0.0000053	20.5	0.0000191	0.000311
2067 Apr	110	0.0997	0.112	0.00305	31.8	0.0394	22.6	0.00102	0.00102	0.00000522	0.00674	0.00128	0.0278	0.0205	0.00000536	20.8	0.0000194	0.000315

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 May	106	0.0961	0.108	0.00293	30.6	0.0379	21.7	0.000986	0.000986	0.00000504	0.00651	0.00124	0.0267	0.02	0.00000518	20.2	0.0000188	0.000305
2067 Jun	98.3	0.0887	0.0999	0.00271	28.4	0.0346	19.7	0.000914	0.000914	0.00000467	0.00602	0.00115	0.0243	0.0189	0.0000048	18.9	0.0000174	0.000286
2067 Jul	98.9	0.0889	0.1	0.00272	28.6	0.0348	19.9	0.00092	0.00092	0.0000047	0.00606	0.00116	0.0245	0.019	0.00000483	19	0.0000175	0.000287
2067 Aug	99.1	0.0885	0.0999	0.00271	28.5	0.0351	20.1	0.000924	0.000924	0.00000472	0.00607	0.00117	0.0246	0.019	0.00000485	19.1	0.0000175	0.000287
2067 Sep	99.2	0.0885	0.0993	0.0027	28.5	0.0353	20.2	0.000924	0.000924	0.00000472	0.00609	0.00117	0.0248	0.019	0.00000485	19.1	0.0000175	0.000288
2067 Oct	99.2	0.0889	0.0985	0.00269	28.4	0.0355	20.3	0.000924	0.000924	0.00000472	0.00611	0.00117	0.0249	0.019	0.00000485	19.1	0.0000175	0.000287
2067 Nov	100	0.0901	0.0996	0.00272	28.7	0.036	20.5	0.000934	0.000934	0.00000478	0.00618	0.00118	0.0252	0.0192	0.00000491	19.3	0.0000177	0.00029
2067 Dec	102	0.0915	0.101	0.00276	29.2	0.0366	20.8	0.000949	0.000949	0.00000485	0.00628	0.0012	0.0256	0.0194	0.00000498	19.6	0.000018	0.000294
2068 Jan	103	0.0927	0.102	0.00279	29.5	0.037	21.1	0.000961	0.000961	0.00000491	0.00636	0.00122	0.0259	0.0197	0.00000505	19.8	0.0000182	0.000298
2068 Feb	105	0.0942	0.104	0.00284	30	0.0377	21.5	0.000977	0.000977	0.000005	0.00647	0.00124	0.0264	0.02	0.00000513	20.2	0.0000185	0.000303
2068 Mar	106	0.0954	0.105	0.00288	30.4	0.0381	21.7	0.000989	0.000989	0.00000506	0.00655	0.00125	0.0267	0.0203	0.00000519	20.4	0.0000187	0.000307
2068 Apr	107	0.0963	0.106	0.0029	30.7	0.0385	21.9	0.000999	0.000999	0.00000511	0.00661	0.00126	0.0269	0.0205	0.00000524	20.6	0.0000189	0.00031
2068 May	105	0.0944	0.104	0.00284	30.1	0.0376	21.4	0.00098	0.00098	0.00000501	0.00648	0.00124	0.0263	0.0203	0.00000514	20.3	0.0000186	0.000305
2068 Jun	98.5	0.0884	0.0992	0.00268	28.5	0.0344	19.5	0.000918	0.000918	0.00000469	0.00603	0.00117	0.024	0.0194	0.00000481	19.2	0.0000174	0.00029
2068 Jul	98.7	0.0881	0.0991	0.00269	28.5	0.0346	19.6	0.000922	0.000922	0.00000471	0.00606	0.00117	0.0241	0.0194	0.00000484	19.2	0.0000175	0.00029
2068 Aug	99.3	0.0884	0.0994	0.0027	28.6	0.0349	19.8	0.000928	0.000928	0.00000474	0.00609	0.00118	0.0243	0.0195	0.00000487	19.3	0.0000176	0.000291
2068 Sep	99.3	0.0885	0.0987	0.00268	28.6	0.0351	19.9	0.000928	0.000928	0.00000474	0.00611	0.00118	0.0244	0.0195	0.00000487	19.4	0.0000176	0.000291
2068 Oct	99.6	0.0888	0.0986	0.00268	28.6	0.0353	20	0.000931	0.000931	0.00000476	0.00614	0.00119	0.0246	0.0195	0.00000488	19.4	0.0000176	0.000292
2068 Nov	101	0.0899	0.0998	0.00272	28.9	0.0358	20.3	0.000942	0.000942	0.00000481	0.00621	0.0012	0.0249	0.0197	0.00000494	19.7	0.0000179	0.000296
2068 Dec	102	0.0913	0.101	0.00276	29.4	0.0363	20.6	0.000956	0.000956	0.00000489	0.00631	0.00122	0.0253	0.02	0.00000501	20	0.0000181	0.0003
2069 Jan	104	0.0928	0.103	0.0028	29.9	0.0369	21	0.000972	0.000972	0.00000497	0.00641	0.00124	0.0257	0.0204	0.0000051	20.3	0.0000184	0.000305
2069 Feb	106	0.0942	0.104	0.00284	30.3	0.0375	21.3	0.000987	0.000987	0.00000504	0.00651	0.00126	0.0261	0.0207	0.00000518	20.6	0.0000187	0.00031
2069 Mar	107	0.0956	0.106	0.00289	30.8	0.038	21.6	0.001	0.001	0.00000512	0.00661	0.00128	0.0265	0.021	0.00000525	20.9	0.000019	0.000314
2069 Apr	108	0.0967	0.107	0.00292	31.1	0.0385	21.8	0.00101	0.00101	0.00000518	0.00668	0.00129	0.0268	0.0212	0.00000531	21.1	0.0000192	0.000318
2069 May	109	0.0968	0.107	0.00292	31.2	0.0385	21.9	0.00101	0.00101	0.00000519	0.00669	0.00129	0.0268	0.0213	0.00000532	21.2	0.0000192	0.000318
2069 Jun	97.6	0.0864	0.0968	0.00264	28	0.0345	19.4	0.000926	0.000926	0.00000473	0.00612	0.00117	0.024	0.0192	0.00000485	19.1	0.0000177	0.000289
2069 Jul	97.7	0.0862	0.0971	0.00265	28.1	0.0346	19.4	0.000931	0.000931	0.00000475	0.00615	0.00117	0.024	0.0191	0.00000488	19	0.0000178	0.000289
2069 Aug	98.1	0.0862	0.0969	0.00265	28.1	0.0349	19.6	0.000934	0.000934	0.00000477	0.00617	0.00117	0.0242	0.0192	0.00000489	19.1	0.0000178	0.00029
2069 Sep	97.9	0.0864	0.0961	0.00264	28	0.0351	19.6	0.000932	0.000932	0.00000476	0.00617	0.00117	0.0242	0.0191	0.00000489	19	0.0000177	0.000289
2069 Oct	97.6	0.0875	0.0961	0.00264	28	0.0354	19.5	0.000932	0.000932	0.00000476	0.00619	0.00117	0.0242	0.0189	0.00000488	18.9	0.0000176	0.000287
2069 Nov	98.3	0.0885	0.0969	0.00266	28.3	0.0357	19.6	0.00094	0.00094	0.0000048	0.00625	0.00118	0.0244	0.0191	0.00000493	19.1	0.0000177	0.000289
2069 Dec	100	0.0903	0.0989	0.00271	28.8	0.0364	20	0.000959	0.000959	0.0000049	0.00638	0.0012	0.0249	0.0195	0.00000503	19.5	0.0000181	0.000295
2070 Jan	102	0.0922	0.101	0.00277	29.4	0.0372	20.5	0.000979	0.000979	0.000005	0.00651	0.00123	0.0254	0.0199	0.00000513	19.8	0.0000185	0.000301
2070 Feb	104	0.0936	0.103	0.00281	29.9	0.0378	20.8	0.000994	0.000994	0.00000508	0.00661	0.00124	0.0258	0.0202	0.00000521	20.2	0.0000188	0.000306
2070 Mar	106	0.095	0.104	0.00286	30.3	0.0384	21.1	0.00101	0.00101	0.00000516	0.00671	0.00126	0.0262	0.0205	0.00000529	20.5	0.000019	0.00031
2070 Apr	107	0.0959	0.105	0.00288	30.6	0.0387	21.3	0.00102	0.00102	0.00000521	0.00677	0.00128	0.0265	0.0207	0.00000534	20.7	0.0000192	0.000313
2070 May	104	0.0935	0.102	0.00281	29.9	0.0376	20.7	0.000993	0.000993	0.00000507	0.0066	0.00125	0.0257	0.0203	0.0000052	20.3	0.0000187	0.000306
2070 Jun	97.6	0.0878	0.0963	0.00263	28.2	0.0347	19	0.000932	0.000932	0.00000476	0.00617	0.00118	0.0236	0.0196	0.00000488	19.3	0.0000176	0.000291
2070 Jul	98	0.0877	0.0963	0.00264	28.2	0.0349	19.2	0.000937	0.000937	0.00000479	0.00621	0.00119	0.0238	0.0196	0.0000049	19.3	0.0000177	0.000293
2070 Aug	98.4	0.0878	0.0963	0.00264	28.3	0.0352	19.3	0.000941	0.000941	0.00000481	0.00623	0.00119	0.0239	0.0197	0.00000493	19.4	0.0000178	0.000293
2070 Sep	98.1	0.0879	0.0951	0.00262	28.2	0.0354	19.3	0.000939	0.000939	0.0000048	0.00624	0.00119	0.0239	0.0196	0.00000492	19.4	0.0000177	0.000292
2070 Oct	98	0.0887	0.0952	0.00262	28.2	0.0356	19.3	0.00094	0.00094	0.0000048	0.00626	0.00119	0.0239	0.0195	0.00000492	19.3	0.0000176	0.000291
2070 Nov	99.8	0.0905	0.097	0.00267	28.7	0.0363	19.6	0.000957	0.000957	0.00000489	0.00638	0.00121	0.0244	0.0198	0.00000501	19.6	0.000018	0.000296
2070 Dec	102	0.0925	0.0992	0.00273	29.4	0.0371	20.1	0.000979	0.000979	0.000005	0.00652	0.00124	0.025	0.0203	0.00000512	20.1	0.0000184	0.000303
2071 Jan	104	0.0943	0.101	0.00278	29.9	0.0378	20.5	0.000998	0.000998	0.0000051	0.00665	0.00126	0.0254	0.0207	0.00000522	20.5	0.0000187	0.000309
2071 Feb	106	0.0961	0.103	0.00284	30.5	0.0386	20.9	0.00102	0.00102	0.00000519	0.00678	0.00129	0.0259	0.0211	0.00000532	20.9	0.0000191	0.000315
2071 Mar	108	0.0977	0.105	0.00288	31	0.0392	21.2	0.00103	0.00103	0.00000528	0.00689	0.00131	0.0264	0.0214	0.00000541	21.2	0.0000194	0.00032
2071 Apr	109	0.0988	0.106	0.00291	31.3	0.0396	21.5	0.00104	0.00104	0.00000534	0.00696	0.00132	0.0266	0.0216	0.00000547	21.4	0.0000196	0.000324
2071 May	105	0.0953	0.102	0.00281	30.3	0.0381	20.6	0.00101	0.00101	0.00000515	0.00671	0.00128	0.0256	0.0211	0.00000528	20.8	0.0000189	0.000314
2071 Jun	97.2	0.088	0.0955	0.00261	28.2	0.0345	18.6	0.000932	0.000932	0.00000476	0.00618	0.00119	0.0231	0.0199	0.00000487	19.4	0.0000175	0.000293
2071 Jul	97.3	0.0879	0.0958	0.00262	28.2	0.0346	18.6	0.000936	0.000936	0.00000478	0.0062	0.00119	0.0232	0.0198	0.00000489	19.4	0.0000176	0.000294
2071 Aug	97.7	0.0881	0.0958	0.00262	28.3	0.0348	18.8	0.00094	0.00094	0.0000048	0.00623	0.00119	0.0233	0.0199	0.00000492	19.5	0.0000177	0.000295
2071 Sep	97.4	0.0878	0.0946	0.0026	28.2	0.035	18.8	0.000939	0.000939	0.00000479	0.00623	0.00119	0.0234	0.0198	0.00000491	19.4	0.0000176	0.000294
2071 Oct	97.7	0.0884	0.0946	0.0026	28.2	0.0352	18.8	0.000941	0.000941	0.00000481	0.00626	0.0012	0.0235	0.0198	0.00000492	19.5	0.0000176	0.000294
2071 Nov	97.4	0.0884	0.0943	0.00259	28.1	0.0352	18.8	0.000939	0.000939	0.0000048	0.00625	0.00119	0.0234	0.0198	0.00000491	19.4	0.0000176	0.000293
2071 Dec	99.2	0.09	0.0961	0.00264	28.7	0.0359	19.2	0.000957	0.000957	0.00000489	0.00637	0.00121	0.0239	0.0201	0.000005	19.8	0.0000179	0.000299
2072 Jan	101	0.0916	0.0978	0.00269	29.2	0.0365	19.5	0.000974	0.000974	0.00000497	0.00648	0.00124	0.0243	0.0205	0.00000509	20.1	0.0000182	0.000304
2072 Feb	103	0.0935	0.0998	0.00274	29.8	0.0373	19.9	0.000994	0.000994	0.00000508	0.00661	0.00126	0.0248	0.0209	0.0000052	20.5	0.0000186	0.00031
2072 Mar	105	0.0949	0.101	0.00278	30.2	0.0378	20.2	0.00101	0.00101	0.00000515	0.00671	0.00128	0.0251	0.0212	0.00000527	20.8	0.0000189	0.000315
2072 Apr	106	0.0959	0.102	0.00281	30.5	0.0382	20.4	0.00102	0.00102	0.0000052	0.00678	0.00129	0.0254	0.0214	0.00000533	21.1	0.0000191	0.000318
2072 May	106	0.0966	0.103	0.00283	30.7	0.0385	20.5	0.00103	0.00103	0.00000524	0.00683	0.0013	0.0256	0.0216	0.00000537	21.2	0.0000192	0.000321
2072 Jun	96.3	0.087	0.0941	0.00259	27.9	0.0349	18.4	0.000943	0.000943	0.00000481	0.00628	0.00118	0.0232	0.0194	0.00000493	19.1	0.0000177	0.000291
2072 Jul	95.4	0.0857	0.0932	0.00257	27.6	0.0347	18.3	0.00094	0.00094	0.0000048	0.00625	0.00117	0.023	0.0192	0.00000491	18.9	0.0000176	0.000288
2072 Aug	95.2	0.0855	0.0928	0.00257	27.6	0.035	18.2	0.00094	0.00094	0.0000048	0.00623	0.00117	0.023	0.0191	0.00000491	18.8	0.0000174	0.000287
2072 Sep	95	0.0856	0.0926	0.00257	27.5	0.0352	18.2	0.00094	0.00094	0.0000048	0.00623	0.00117	0.023	0.019	0.00000491	18.7	0.0000172	0.000286
2072 Oct	94.8	0.0866	0.093	0.00257	27.6	0.0354	18.2	0.000939	0.000939	0.00000479	0.00623	0.00116	0.023	0.0189	0.0000049	18.6	0.0000172	0.000285
2072 Nov	96.4	0.0882	0.0947	0.00262	28	0.0361	18.5	0.000954	0.000954	0.00000487	0.00634	0.00118	0.0234	0.0192	0.00000499	18.9	0.0000174	0.000289

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2072 Dec	98.4	0.09	0.0966	0.00267	28.6	0.0368	18.9	0.000974	0.000974	0.00000497	0.00647	0.00121	0.0239	0.0195	0.00000509	19.3	0.0000178	0.000295
2073 Jan	100	0.0915	0.0982	0.00272	29.1	0.0374	19.2	0.000991	0.000991	0.00000506	0.00658	0.00123	0.0243	0.0199	0.00000518	19.7	0.0000181	0.0003
2073 Feb	102	0.0931	0.0999	0.00276	29.6	0.0381	19.5	0.00101	0.00101	0.00000514	0.00669	0.00125	0.0247	0.0202	0.00000526	20	0.0000184	0.000305
2073 Mar	103	0.0944	0.101	0.0028	30	0.0386	19.8	0.00102	0.00102	0.00000522	0.00679	0.00127	0.0251	0.0205	0.00000534	20.3	0.0000187	0.00031
2073 Apr	104	0.0953	0.102	0.00283	30.3	0.0389	20	0.00103	0.00103	0.00000526	0.00685	0.00128	0.0253	0.0207	0.00000539	20.5	0.0000188	0.000312
2073 May	101	0.092	0.0986	0.00272	29.3	0.0374	19.3	0.000995	0.000995	0.00000508	0.0066	0.00124	0.0244	0.0203	0.0000052	20	0.0000182	0.000304
2073 Jun	95.6	0.0869	0.0939	0.00258	27.8	0.0348	18.1	0.000938	0.000938	0.00000479	0.00621	0.00118	0.0228	0.0196	0.0000049	19.1	0.0000173	0.00029
2073 Jul	95.9	0.0869	0.0943	0.00259	27.9	0.035	18.1	0.000942	0.000942	0.00000481	0.00623	0.00118	0.0229	0.0196	0.00000492	19.1	0.0000174	0.000291
2073 Aug	96.2	0.0869	0.0942	0.00259	27.9	0.0352	18.3	0.000945	0.000945	0.00000483	0.00625	0.00119	0.023	0.0196	0.00000494	19.2	0.0000174	0.000292
2073 Sep	96.1	0.0868	0.0933	0.00257	27.8	0.0354	18.3	0.000945	0.000945	0.00000482	0.00625	0.00119	0.0231	0.0196	0.00000494	19.2	0.0000173	0.000291
2073 Oct	95.8	0.0871	0.0926	0.00256	27.7	0.0354	18.3	0.000941	0.000941	0.00000481	0.00625	0.00118	0.023	0.0194	0.00000492	19.1	0.0000173	0.000289
2073 Nov	97.1	0.0884	0.094	0.00259	28.1	0.036	18.5	0.000954	0.000954	0.00000487	0.00634	0.0012	0.0234	0.0197	0.00000498	19.3	0.0000175	0.000293
2073 Dec	98.8	0.0901	0.0957	0.00264	28.6	0.0366	18.9	0.000971	0.000971	0.00000496	0.00645	0.00122	0.0238	0.02	0.00000507	19.7	0.0000178	0.000298
2074 Jan	101	0.0919	0.0977	0.00269	29.2	0.0374	19.3	0.000991	0.000991	0.00000506	0.00658	0.00125	0.0243	0.0204	0.00000518	20.1	0.0000182	0.000304
2074 Feb	103	0.0937	0.0996	0.00275	29.8	0.0381	19.7	0.00101	0.00101	0.00000516	0.00671	0.00127	0.0248	0.0208	0.00000528	20.5	0.0000185	0.00031
2074 Mar	104	0.0951	0.101	0.00279	30.2	0.0387	20	0.00103	0.00103	0.00000524	0.00681	0.00129	0.0251	0.0211	0.00000536	20.8	0.0000188	0.000315
2074 Apr	106	0.0961	0.102	0.00282	30.5	0.0391	20.2	0.00104	0.00104	0.00000529	0.00689	0.0013	0.0254	0.0214	0.00000542	21	0.000019	0.000319
2074 May	102	0.0926	0.0983	0.00271	29.4	0.0374	19.4	0.000996	0.000996	0.00000508	0.00661	0.00126	0.0243	0.0209	0.0000052	20.5	0.0000183	0.000309
2074 Jun	96.8	0.0878	0.0943	0.00257	28	0.0347	18.1	0.000939	0.000939	0.00000479	0.00621	0.00121	0.0227	0.0203	0.0000049	19.7	0.0000174	0.000297
2074 Jul	97.3	0.0879	0.0947	0.00258	28.2	0.0349	18.3	0.000944	0.000944	0.00000482	0.00624	0.00121	0.0228	0.0204	0.00000493	19.8	0.0000175	0.000298
2074 Aug	97.9	0.0883	0.095	0.00259	28.3	0.0351	18.4	0.00095	0.00095	0.00000485	0.00628	0.00122	0.023	0.0205	0.00000496	19.9	0.0000176	0.0003
2074 Sep	97.8	0.0882	0.0937	0.00257	28.2	0.0354	18.5	0.000948	0.000948	0.00000484	0.00629	0.00122	0.0232	0.0204	0.00000495	19.8	0.0000175	0.000299
2074 Oct	97.4	0.088	0.0925	0.00254	28	0.0354	18.6	0.000944	0.000944	0.00000482	0.00628	0.00121	0.0232	0.0202	0.00000493	19.8	0.0000175	0.000297
2074 Nov	98.6	0.0889	0.0934	0.00257	28.2	0.0359	18.9	0.000953	0.000953	0.00000487	0.00635	0.00123	0.0236	0.0204	0.00000498	20	0.0000177	0.0003
2074 Dec	99.9	0.0901	0.0946	0.0026	28.6	0.0364	19.2	0.000965	0.000965	0.00000493	0.00643	0.00124	0.0239	0.0207	0.00000505	20.2	0.0000179	0.000304
2075 Jan	101	0.0913	0.0959	0.00264	29	0.0369	19.5	0.000979	0.000979	0.000005	0.00652	0.00126	0.0243	0.021	0.00000512	20.5	0.0000182	0.000308
2075 Feb	103	0.0928	0.0975	0.00268	29.4	0.0375	19.8	0.000995	0.000995	0.00000508	0.00663	0.00128	0.0247	0.0213	0.0000052	20.9	0.0000185	0.000313
2075 Mar	104	0.094	0.0988	0.00272	29.8	0.038	20.1	0.00101	0.00101	0.00000515	0.00671	0.0013	0.025	0.0216	0.00000527	21.1	0.0000187	0.000317
2075 Apr	105	0.0949	0.0997	0.00274	30.1	0.0383	20.2	0.00102	0.00102	0.00000519	0.00677	0.00131	0.0252	0.0218	0.00000531	21.3	0.0000189	0.00032
2075 May	104	0.0938	0.0983	0.0027	29.8	0.0379	20.1	0.00101	0.00101	0.00000514	0.0067	0.0013	0.025	0.0217	0.00000526	21.2	0.0000187	0.000317
2075 Jun	95.7	0.0858	0.0923	0.00254	27.4	0.0348	18.2	0.00094	0.00094	0.0000048	0.00627	0.00119	0.023	0.0196	0.00000491	19.2	0.0000176	0.000292
2075 Jul	94.8	0.0846	0.0922	0.00253	27.2	0.0345	18	0.000938	0.000938	0.00000479	0.00625	0.00117	0.0228	0.0193	0.0000049	18.9	0.0000176	0.000289
2075 Aug	95	0.0845	0.092	0.00253	27.3	0.0347	18.1	0.000941	0.000941	0.0000048	0.00626	0.00118	0.0229	0.0193	0.00000491	19	0.0000176	0.000289
2075 Sep	95.2	0.0847	0.0918	0.00253	27.3	0.0349	18.2	0.000942	0.000942	0.00000481	0.00628	0.00118	0.023	0.0194	0.00000492	19	0.0000176	0.00029
2075 Oct	94.7	0.0844	0.0908	0.00251	27.1	0.0348	18.1	0.000938	0.000938	0.00000479	0.00626	0.00118	0.0229	0.0192	0.0000049	18.9	0.0000175	0.000288
2075 Nov	95	0.0846	0.091	0.00251	27.2	0.035	18.2	0.00094	0.00094	0.0000048	0.00628	0.00118	0.023	0.0193	0.00000491	19	0.0000176	0.000289
2075 Dec	96.7	0.0862	0.0926	0.00256	27.7	0.0356	18.5	0.000957	0.000957	0.00000489	0.0064	0.0012	0.0234	0.0196	0.000005	19.3	0.0000179	0.000294
2076 Jan	98.5	0.0877	0.0943	0.00261	28.2	0.0362	18.9	0.000975	0.000975	0.00000497	0.00651	0.00122	0.0238	0.02	0.00000509	19.7	0.0000182	0.000299
2076 Feb	100	0.0893	0.0959	0.00265	28.7	0.0369	19.2	0.000991	0.000991	0.00000506	0.00662	0.00124	0.0243	0.0203	0.00000518	20	0.0000185	0.000305
2076 Mar	101	0.0904	0.0971	0.00268	29	0.0373	19.5	0.001	0.001	0.00000512	0.00671	0.00126	0.0246	0.0206	0.00000524	20.3	0.0000187	0.000308
2076 Apr	103	0.0914	0.0982	0.00271	29.3	0.0377	19.7	0.00101	0.00101	0.00000518	0.00678	0.00127	0.0248	0.0208	0.0000053	20.5	0.0000189	0.000312
2076 May	100	0.0892	0.0956	0.00264	28.6	0.0367	19.1	0.000991	0.000991	0.00000506	0.00662	0.00125	0.0241	0.0205	0.00000518	20.1	0.0000185	0.000306
2076 Jun	94.7	0.0843	0.0911	0.0025	27.2	0.034	17.7	0.000936	0.000936	0.00000478	0.00623	0.00119	0.0223	0.0199	0.00000488	19.3	0.0000176	0.000293
2076 Jul	94.9	0.0844	0.0915	0.00251	27.3	0.0341	17.7	0.00094	0.00094	0.0000048	0.00625	0.00119	0.0224	0.0199	0.0000049	19.3	0.0000176	0.000294
2076 Aug	95.4	0.0846	0.0916	0.00252	27.4	0.0344	17.8	0.000945	0.000945	0.00000482	0.00628	0.0012	0.0225	0.0199	0.00000493	19.4	0.0000177	0.000295
2076 Sep	95.6	0.0847	0.0914	0.00252	27.4	0.0345	17.9	0.000946	0.000946	0.00000483	0.0063	0.0012	0.0226	0.0199	0.00000494	19.4	0.0000177	0.000295
2076 Oct	95.4	0.0848	0.0904	0.0025	27.3	0.0347	18	0.000944	0.000944	0.00000482	0.00631	0.0012	0.0227	0.0199	0.00000493	19.4	0.0000177	0.000294
2076 Nov	96.6	0.0859	0.0914	0.00252	27.6	0.0352	18.2	0.000956	0.000956	0.00000488	0.00639	0.00121	0.023	0.0201	0.00000499	19.6	0.0000179	0.000298
2076 Dec	98.5	0.0876	0.0931	0.00257	28.1	0.0358	18.6	0.000975	0.000975	0.00000497	0.00652	0.00124	0.0234	0.0205	0.00000509	20	0.0000183	0.000304
2077 Jan	100	0.0892	0.0948	0.00262	28.7	0.0365	18.9	0.000992	0.000992	0.00000506	0.00663	0.00126	0.0239	0.0209	0.00000518	20.3	0.0000186	0.000309
2077 Feb	102	0.0906	0.0963	0.00266	29.1	0.0371	19.2	0.00101	0.00101	0.00000515	0.00674	0.00128	0.0242	0.0212	0.00000526	20.7	0.0000189	0.000314
2077 Mar	103	0.0919	0.0977	0.0027	29.5	0.0376	19.5	0.00102	0.00102	0.00000522	0.00684	0.0013	0.0246	0.0215	0.00000534	21	0.0000192	0.000319
2077 Apr	105	0.093	0.0988	0.00273	29.9	0.0381	19.7	0.00103	0.00103	0.00000528	0.00692	0.00131	0.0249	0.0218	0.0000054	21.2	0.0000194	0.000323
2077 May	102	0.091	0.0966	0.00267	29.3	0.0371	19.3	0.00101	0.00101	0.00000517	0.00677	0.00129	0.0243	0.0215	0.00000528	20.9	0.000019	0.000317
2077 Jun	94.6	0.084	0.0898	0.00247	27.1	0.0337	17.5	0.000934	0.000934	0.00000476	0.00622	0.0012	0.022	0.0202	0.00000487	19.5	0.0000176	0.000296
2077 Jul	94.9	0.084	0.0899	0.00247	27.2	0.0339	17.6	0.000939	0.000939	0.00000479	0.00626	0.0012	0.0222	0.0203	0.0000049	19.5	0.0000177	0.000297
2077 Aug	95.4	0.0842	0.0901	0.00248	27.3	0.0341	17.7	0.000944	0.000944	0.00000482	0.00629	0.00121	0.0223	0.0203	0.00000492	19.6	0.0000178	0.000298
2077 Sep	94.9	0.084	0.0886	0.00245	27.1	0.0343	17.7	0.000941	0.000941	0.0000048	0.00629	0.00121	0.0223	0.0202	0.00000491	19.5	0.0000176	0.000297
2077 Oct	95.1	0.0846	0.0886	0.00245	27.1	0.0345	17.8	0.000943	0.000943	0.00000481	0.00631	0.00121	0.0224	0.0202	0.00000492	19.5	0.0000176	0.000297
2077 Nov	96.4	0.0857	0.0898	0.00249	27.5	0.035	18	0.000956	0.000956	0.00000488	0.0064	0.00122	0.0227	0.0205	0.00000498	19.8	0.0000179	0.000301
2077 Dec	98	0.0871	0.0913	0.00253	27.9	0.0356	18.3	0.000971	0.000971	0.00000495	0.0065	0.00124	0.0231	0.0208	0.00000506	20.1	0.0000182	0.000306
2078 Jan	99.3	0.0883	0.0925	0.00256	28.3	0.0361	18.6	0.000984	0.000984	0.00000502	0.00659	0.00126	0.0234	0.0211	0.00000513	20.4	0.0000184	0.00031
2078 Feb	101	0.0895	0.0938	0.0026	28.7	0.0366	18.8	0.000998	0.000998	0.00000509	0.00668	0.00128	0.0237	0.0214	0.00000521	20.7	0.0000187	0.000314
2078 Mar	102	0.091	0.0953	0.00264	29.2	0.0372	19.1	0.00101	0.00101	0.00000517	0.00679	0.0013	0.0241	0.0217	0.00000529	21	0.000019	0.000319
2078 Apr	103	0.0919	0.0963	0.00267	29.5	0.0375	19.3	0.00102	0.00102	0.00000523	0.00686	0.00131	0.0244	0.0219	0.00000534	21.2	0.0000192	0.000322
2078 May	99	0.088	0.0921	0.00254	28.2	0.0355	18.3	0.000977	0.000977	0.00000499	0.00653	0.00126	0.023	0.0214	0.0000051	20.6	0.0000184	0.000311
2078 Jun	95.7	0.0851	0.09	0.00246	27.4	0.0336	17.4	0.000938	0.000938	0.00000478	0.00624	0.00122	0.0219	0.021	0.00000489	20.1	0.0000177	0.000303

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Jul	96.1	0.0853	0.0903	0.00247	27.5	0.0338	17.5	0.000943	0.000943	0.00000481	0.00627	0.00123	0.022	0.0211	0.00000492	20.1	0.0000178	0.000304
2078 Aug	96.3	0.085	0.0899	0.00247	27.5	0.0341	17.6	0.000946	0.000946	0.00000482	0.00629	0.00123	0.0221	0.0211	0.00000493	20.2	0.0000177	0.000304
2078 Sep	96.4	0.085	0.0894	0.00246	27.5	0.0343	17.7	0.000947	0.000947	0.00000483	0.0063	0.00124	0.0222	0.0211	0.00000494	20.2	0.0000177	0.000304
2078 Oct	96.6	0.0852	0.089	0.00245	27.5	0.0345	17.9	0.000948	0.000948	0.00000483	0.00632	0.00124	0.0224	0.0211	0.00000494	20.2	0.0000178	0.000305
2078 Nov	98.4	0.0868	0.0905	0.0025	28	0.0351	18.2	0.000965	0.000965	0.00000492	0.00643	0.00126	0.0228	0.0214	0.00000503	20.6	0.0000181	0.00031
2078 Dec	101	0.0886	0.0925	0.00255	28.6	0.0359	18.6	0.000985	0.000985	0.00000503	0.00657	0.00129	0.0233	0.0219	0.00000514	21	0.0000185	0.000317
2079 Jan	102	0.0902	0.0941	0.00259	29.1	0.0365	19	0.001	0.001	0.00000512	0.00669	0.00131	0.0237	0.0223	0.00000523	21.4	0.0000188	0.000322
2079 Feb	104	0.0917	0.0957	0.00264	29.6	0.0371	19.3	0.00102	0.00102	0.0000052	0.0068	0.00133	0.0241	0.0226	0.00000532	21.8	0.0000191	0.000328
2079 Mar	106	0.0931	0.0971	0.00268	30	0.0377	19.6	0.00103	0.00103	0.00000528	0.0069	0.00135	0.0245	0.023	0.0000054	22.1	0.0000194	0.000332
2079 Apr	107	0.0939	0.098	0.0027	30.3	0.038	19.7	0.00104	0.00104	0.00000533	0.00696	0.00137	0.0247	0.0232	0.00000545	22.3	0.0000196	0.000336
2079 May	107	0.094	0.098	0.0027	30.3	0.038	19.7	0.00105	0.00105	0.00000533	0.00697	0.00137	0.0247	0.0232	0.00000545	22.3	0.0000196	0.000336
2079 Jun	94.8	0.0833	0.0885	0.00244	27	0.0336	17.3	0.000941	0.000941	0.0000048	0.00628	0.00122	0.0218	0.0207	0.0000049	19.8	0.0000178	0.000301
2079 Jul	94.6	0.0828	0.0886	0.00244	27	0.0336	17.3	0.000944	0.000944	0.00000481	0.00629	0.00122	0.0219	0.0205	0.00000492	19.7	0.0000178	0.0003
2079 Aug	95	0.0828	0.0886	0.00244	27.1	0.0339	17.4	0.000948	0.000948	0.00000483	0.00631	0.00122	0.022	0.0206	0.00000494	19.8	0.0000178	0.000301
2079 Sep	94.9	0.0829	0.0876	0.00243	27	0.0341	17.4	0.000947	0.000947	0.00000483	0.00633	0.00122	0.0221	0.0205	0.00000494	19.7	0.0000178	0.0003
2079 Oct	94.8	0.0833	0.0875	0.00242	27	0.0342	17.5	0.000946	0.000946	0.00000483	0.00633	0.00122	0.0221	0.0205	0.00000493	19.7	0.0000178	0.000299
2079 Nov	95.1	0.0838	0.0878	0.00243	27.1	0.0344	17.5	0.00095	0.00095	0.00000484	0.00636	0.00122	0.0222	0.0205	0.00000495	19.7	0.0000178	0.0003
2079 Dec	96.1	0.0848	0.0888	0.00246	27.3	0.0348	17.7	0.00096	0.00096	0.00000489	0.00643	0.00123	0.0224	0.0207	0.000005	19.9	0.000018	0.000303
2080 Jan	97.7	0.0863	0.0903	0.0025	27.8	0.0354	18	0.000976	0.000976	0.00000498	0.00654	0.00126	0.0228	0.0211	0.00000509	20.3	0.0000183	0.000308
2080 Feb	98.9	0.0873	0.0914	0.00253	28.1	0.0358	18.2	0.000988	0.000988	0.00000504	0.00662	0.00127	0.0231	0.0213	0.00000515	20.5	0.0000185	0.000312
2080 Mar	101	0.0887	0.0929	0.00257	28.6	0.0364	18.5	0.001	0.001	0.00000512	0.00673	0.00129	0.0234	0.0217	0.00000523	20.9	0.0000188	0.000317
2080 Apr	102	0.0897	0.0939	0.0026	28.9	0.0368	18.7	0.00102	0.00102	0.00000518	0.0068	0.00131	0.0237	0.0219	0.00000529	21.1	0.000019	0.00032
2080 May	102	0.0901	0.0943	0.00261	29	0.0369	18.8	0.00102	0.00102	0.0000052	0.00683	0.00131	0.0238	0.022	0.00000531	21.2	0.0000191	0.000322
2080 Jun	93.9	0.0825	0.0878	0.00244	26.8	0.034	17.2	0.000951	0.000951	0.00000485	0.00638	0.00121	0.0219	0.0201	0.00000495	19.4	0.0000179	0.000297
2080 Jul	92.4	0.0808	0.0868	0.00241	26.4	0.0336	16.9	0.000943	0.000943	0.00000481	0.00632	0.00119	0.0217	0.0197	0.00000491	19	0.0000178	0.000292
2080 Aug	92.6	0.0806	0.0864	0.00241	26.4	0.0339	17	0.000946	0.000946	0.00000482	0.00633	0.00119	0.0217	0.0197	0.00000493	19	0.0000177	0.000292
2080 Sep	92.5	0.0806	0.086	0.0024	26.3	0.034	17	0.000946	0.000946	0.00000482	0.00633	0.00119	0.0218	0.0196	0.00000492	19	0.0000176	0.000292
2080 Oct	92.3	0.081	0.0859	0.0024	26.3	0.0341	17	0.000944	0.000944	0.00000481	0.00633	0.00119	0.0218	0.0195	0.00000492	18.9	0.0000176	0.000291
2080 Nov	92.4	0.0814	0.086	0.0024	26.3	0.0343	17	0.000945	0.000945	0.00000482	0.00634	0.00119	0.0218	0.0195	0.00000492	18.9	0.0000176	0.00029
2080 Dec	94.2	0.083	0.0877	0.00245	26.8	0.0349	17.4	0.000963	0.000963	0.00000491	0.00646	0.00121	0.0223	0.0199	0.00000501	19.3	0.0000179	0.000296
2081 Jan	95.8	0.0844	0.0892	0.00249	27.3	0.0355	17.7	0.000979	0.000979	0.00000499	0.00657	0.00123	0.0227	0.0202	0.0000051	19.6	0.0000182	0.000301
2081 Feb	97.5	0.0859	0.0907	0.00253	27.8	0.0362	18	0.000996	0.000996	0.00000508	0.00669	0.00125	0.0231	0.0206	0.00000519	20	0.0000186	0.000306
2081 Mar	98.9	0.0871	0.092	0.00257	28.2	0.0367	18.2	0.00101	0.00101	0.00000515	0.00678	0.00127	0.0234	0.0209	0.00000526	20.2	0.0000188	0.000311
2081 Apr	99.9	0.0881	0.093	0.0026	28.5	0.0371	18.4	0.00102	0.00102	0.00000521	0.00686	0.00128	0.0236	0.0211	0.00000532	20.4	0.000019	0.000314
2081 May	95.6	0.0843	0.0888	0.00247	27.2	0.0351	17.5	0.000975	0.000975	0.00000497	0.00654	0.00124	0.0224	0.0205	0.00000508	19.8	0.0000182	0.000302
2081 Jun	92.3	0.0814	0.0863	0.00239	26.4	0.0334	16.6	0.000937	0.000937	0.00000478	0.00627	0.0012	0.0213	0.0201	0.00000487	19.2	0.0000175	0.000294
2081 Jul	92.9	0.0818	0.0868	0.0024	26.5	0.0336	16.8	0.000943	0.000943	0.00000481	0.00631	0.0012	0.0214	0.0202	0.00000491	19.3	0.0000177	0.000296
2081 Aug	93.5	0.0822	0.0871	0.00242	26.7	0.0339	16.9	0.000948	0.000948	0.00000483	0.00634	0.00121	0.0216	0.0203	0.00000494	19.4	0.0000177	0.000297
2081 Sep	93.4	0.0821	0.0865	0.0024	26.6	0.034	17	0.000948	0.000948	0.00000484	0.00635	0.00121	0.0217	0.0202	0.00000494	19.4	0.0000177	0.000297
2081 Oct	93.5	0.0823	0.0861	0.0024	26.6	0.0342	17	0.000949	0.000949	0.00000484	0.00636	0.00121	0.0217	0.0202	0.00000494	19.4	0.0000177	0.000297
2081 Nov	93.6	0.0824	0.0858	0.00239	26.6	0.0343	17.1	0.000949	0.000949	0.00000484	0.00637	0.00121	0.0218	0.0202	0.00000494	19.5	0.0000177	0.000297
2081 Dec	95.3	0.084	0.0874	0.00244	27.1	0.0349	17.4	0.000967	0.000967	0.00000493	0.00649	0.00124	0.0222	0.0206	0.00000503	19.8	0.0000181	0.000303
2082 Jan	97.3	0.0857	0.0892	0.00249	27.7	0.0356	17.8	0.000987	0.000987	0.00000503	0.00663	0.00126	0.0227	0.021	0.00000514	20.2	0.0000184	0.000309
2082 Feb	98.9	0.0871	0.0907	0.00253	28.1	0.0362	18.1	0.001	0.001	0.00000511	0.00674	0.00128	0.023	0.0214	0.00000522	20.6	0.0000187	0.000314
2082 Mar	100	0.0883	0.0919	0.00256	28.5	0.0367	18.3	0.00102	0.00102	0.00000518	0.00683	0.0013	0.0233	0.0217	0.00000529	20.8	0.000019	0.000318
2082 Apr	101	0.0893	0.0929	0.00259	28.8	0.0371	18.5	0.00103	0.00103	0.00000524	0.0069	0.00131	0.0236	0.0219	0.00000535	21.1	0.0000192	0.000322
2082 May	102	0.0899	0.0936	0.00261	29	0.0374	18.6	0.00104	0.00104	0.00000528	0.00695	0.00132	0.0238	0.0221	0.00000539	21.2	0.0000193	0.000324
2082 Jun	92.6	0.0807	0.0858	0.0024	26.3	0.034	16.8	0.000955	0.000955	0.00000487	0.00643	0.0012	0.0217	0.0198	0.00000497	19.1	0.000018	0.000295
2082 Jul	90.3	0.0784	0.0847	0.00237	25.7	0.0332	16.4	0.00094	0.00094	0.00000479	0.00633	0.00117	0.0213	0.0191	0.00000489	18.5	0.0000178	0.000287
2082 Aug	90.7	0.0785	0.0847	0.00237	25.8	0.0335	16.5	0.000945	0.000945	0.00000481	0.00636	0.00117	0.0214	0.0192	0.00000491	18.5	0.0000178	0.000288
2082 Sep	90.8	0.0786	0.0844	0.00237	25.8	0.0336	16.5	0.000946	0.000946	0.00000482	0.00637	0.00118	0.0215	0.0192	0.00000492	18.5	0.0000178	0.000288
2082 Oct	90.7	0.0791	0.0836	0.00235	25.7	0.0338	16.5	0.000946	0.000946	0.00000482	0.00639	0.00118	0.0215	0.0192	0.00000492	18.5	0.0000178	0.000288
2082 Nov	91.9	0.0801	0.0847	0.00239	26.1	0.0343	16.8	0.000958	0.000958	0.00000488	0.00648	0.00119	0.0218	0.0194	0.00000498	18.8	0.000018	0.000292
2082 Dec	93.2	0.0813	0.0859	0.00242	26.4	0.0348	17	0.000972	0.000972	0.00000495	0.00657	0.00121	0.0221	0.0197	0.00000506	19.1	0.0000183	0.000296
2083 Jan	94.7	0.0825	0.0873	0.00246	26.8	0.0353	17.3	0.000987	0.000987	0.00000503	0.00667	0.00123	0.0225	0.02	0.00000513	19.3	0.0000186	0.0003
2083 Feb	96	0.0837	0.0884	0.00249	27.2	0.0358	17.5	0.001	0.001	0.0000051	0.00676	0.00124	0.0228	0.0203	0.0000052	19.6	0.0000188	0.000304
2083 Mar	97.3	0.0849	0.0897	0.00253	27.6	0.0363	17.8	0.00101	0.00101	0.00000517	0.00686	0.00126	0.0231	0.0205	0.00000528	19.9	0.0000191	0.000309
2083 Apr	98.4	0.0858	0.0907	0.00255	27.9	0.0367	18	0.00103	0.00103	0.00000523	0.00694	0.00128	0.0234	0.0208	0.00000534	20.1	0.0000193	0.000312
2083 May	95.8	0.0834	0.0879	0.00247	27.1	0.0355	17.5	0.000994	0.000994	0.00000507	0.00672	0.00125	0.0226	0.0204	0.00000517	19.7	0.0000187	0.000305
2083 Jun	91.2	0.0794	0.0844	0.00235	25.9	0.033	16.4	0.000938	0.000938	0.00000478	0.00631	0.00119	0.0211	0.0199	0.00000488	19	0.0000178	0.000293
2083 Jul	91.4	0.0793	0.0847	0.00236	25.9	0.0331	16.4	0.000941	0.000941	0.0000048	0.00633	0.00119	0.0212	0.0198	0.0000049	19	0.0000178	0.000293
2083 Aug	91.3	0.0787	0.0839	0.00235	25.8	0.0334	16.5	0.000944	0.000944	0.00000481	0.00633	0.00119	0.0212	0.0198	0.00000491	19	0.0000177	0.000292
2083 Sep	91.3	0.0791	0.0836	0.00234	25.8	0.0336	16.5	0.000943	0.000943	0.00000481	0.00634	0.00119	0.0213	0.0197	0.00000491	18.9	0.0000177	0.000292
2083 Oct	91.1	0.0801	0.0838	0.00235	25.8	0.0338	16.5	0.000942	0.000942	0.0000048	0.00635	0.00119	0.0213	0.0196	0.0000049	18.9	0.0000176	0.00029
2083 Nov	92	0.0812	0.0847	0.00237	26.1	0.0342	16.7	0.00095	0.00095	0.00000484	0.00641	0.0012	0.0215	0.0197	0.00000494	19	0.0000177	0.000292
2083 Dec	93.6	0.0826	0.0862	0.00241	26.5	0.0348	17	0.000966	0.000966	0.00000493	0.00653	0.00122	0.0219	0.0201	0.00000503	19.3	0.0000181	0.000297
2084 Jan	95.5	0.0842	0.0879	0.00246	27.1	0.0355	17.3	0.000985	0.000985	0.00000502	0.00665	0.00124	0.0224	0.0205	0.00000513	19.7	0.0000184	0.000303

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Feb	97.2	0.0857	0.0895	0.0025	27.6	0.0361	17.7	0.001	0.001	0.00000511	0.00677	0.00127	0.0228	0.0209	0.00000522	20.1	0.0000187	0.000308
2084 Mar	98.4	0.0869	0.0907	0.00254	27.9	0.0366	17.9	0.00102	0.00102	0.00000518	0.00686	0.00128	0.0231	0.0211	0.00000529	20.3	0.000019	0.000313
2084 Apr	99.3	0.0877	0.0915	0.00256	28.2	0.0369	18.1	0.00103	0.00103	0.00000523	0.00693	0.00129	0.0233	0.0213	0.00000534	20.5	0.0000192	0.000315
2084 May	95.4	0.0842	0.0875	0.00244	27	0.0351	17.2	0.000983	0.000983	0.00000501	0.00663	0.00125	0.0221	0.0208	0.00000511	19.9	0.0000184	0.000305
2084 Jun	92.1	0.0812	0.0852	0.00236	26.2	0.0332	16.4	0.000941	0.000941	0.0000048	0.00633	0.00121	0.021	0.0204	0.00000489	19.4	0.0000177	0.000297
2084 Jul	92.4	0.0812	0.0854	0.00237	26.3	0.0334	16.4	0.000945	0.000945	0.00000482	0.00635	0.00121	0.0211	0.0204	0.00000492	19.4	0.0000178	0.000297
2084 Aug	92.7	0.0813	0.0853	0.00237	26.3	0.0336	16.5	0.000949	0.000949	0.00000484	0.00637	0.00122	0.0212	0.0205	0.00000493	19.5	0.0000178	0.000298
2084 Sep	92.6	0.0811	0.0846	0.00236	26.3	0.0338	16.6	0.000948	0.000948	0.00000483	0.00637	0.00122	0.0213	0.0204	0.00000493	19.5	0.0000177	0.000298
2084 Oct	92.2	0.0813	0.0838	0.00234	26.1	0.0338	16.6	0.000945	0.000945	0.00000482	0.00637	0.00121	0.0212	0.0203	0.00000491	19.4	0.0000177	0.000296
2084 Nov	93	0.0823	0.0846	0.00236	26.4	0.0342	16.7	0.000953	0.000953	0.00000486	0.00643	0.00122	0.0214	0.0204	0.00000496	19.5	0.0000178	0.000298
2084 Dec	95	0.084	0.0864	0.00241	26.9	0.0349	17.1	0.000973	0.000973	0.00000496	0.00657	0.00125	0.0219	0.0209	0.00000506	19.9	0.0000182	0.000305
2085 Jan	97.2	0.0859	0.0884	0.00247	27.5	0.0357	17.5	0.000995	0.000995	0.00000507	0.00671	0.00128	0.0224	0.0213	0.00000518	20.4	0.0000186	0.000312
2085 Feb	99	0.0875	0.0901	0.00251	28.1	0.0364	17.8	0.00101	0.00101	0.00000517	0.00684	0.0013	0.0228	0.0217	0.00000527	20.8	0.0000189	0.000318
2085 Mar	100	0.0888	0.0914	0.00255	28.5	0.0369	18.1	0.00103	0.00103	0.00000524	0.00694	0.00132	0.0232	0.0221	0.00000535	21.1	0.0000192	0.000322
2085 Apr	102	0.0898	0.0924	0.00258	28.8	0.0373	18.3	0.00104	0.00104	0.0000053	0.00702	0.00133	0.0234	0.0223	0.00000541	21.3	0.0000194	0.000326
2085 May	96.7	0.0854	0.0877	0.00244	27.4	0.0353	17.3	0.000988	0.000988	0.00000504	0.00666	0.00128	0.0221	0.0215	0.00000514	20.5	0.0000185	0.000312
2085 Jun	92.4	0.0815	0.0839	0.00233	26.2	0.0332	16.3	0.000939	0.000939	0.00000479	0.00632	0.00122	0.0209	0.0208	0.00000488	19.7	0.0000176	0.0003
2085 Jul	92.8	0.0816	0.084	0.00233	26.3	0.0334	16.4	0.000944	0.000944	0.00000481	0.00635	0.00123	0.021	0.0209	0.00000491	19.8	0.0000177	0.000301
2085 Aug	92.7	0.081	0.0831	0.00232	26.2	0.0337	16.5	0.000945	0.000945	0.00000481	0.00634	0.00123	0.0211	0.0208	0.00000491	19.7	0.0000176	0.0003
2085 Sep	92.6	0.0813	0.0828	0.00231	26.2	0.0339	16.6	0.000943	0.000943	0.00000481	0.00634	0.00123	0.0212	0.0207	0.00000491	19.7	0.0000175	0.000299
2085 Oct	92.7	0.082	0.0831	0.00232	26.2	0.0341	16.6	0.000943	0.000943	0.00000481	0.00635	0.00122	0.0213	0.0206	0.0000049	19.6	0.0000175	0.000298
2085 Nov	93.3	0.0829	0.0838	0.00234	26.4	0.0344	16.8	0.000949	0.000949	0.00000484	0.0064	0.00123	0.0214	0.0207	0.00000494	19.7	0.0000176	0.0003
2085 Dec	95.2	0.0845	0.0855	0.00238	26.9	0.0351	17.1	0.000968	0.000968	0.00000493	0.00653	0.00126	0.0219	0.0211	0.00000504	20.1	0.0000179	0.000306
2086 Jan	96.8	0.086	0.0869	0.00242	27.4	0.0357	17.4	0.000985	0.000985	0.00000502	0.00664	0.00128	0.0222	0.0214	0.00000512	20.5	0.0000182	0.000311
2086 Feb	98.5	0.0875	0.0884	0.00247	27.9	0.0363	17.7	0.001	0.001	0.00000511	0.00675	0.0013	0.0226	0.0218	0.00000521	20.8	0.0000186	0.000316
2086 Mar	99.9	0.0887	0.0897	0.0025	28.3	0.0368	18	0.00102	0.00102	0.00000518	0.00685	0.00132	0.0229	0.0221	0.00000528	21.1	0.0000188	0.000321
2086 Apr	101	0.0895	0.0905	0.00252	28.5	0.0372	18.1	0.00103	0.00103	0.00000522	0.00691	0.00133	0.0231	0.0223	0.00000533	21.3	0.000019	0.000324
2086 May	99.6	0.0884	0.0892	0.00249	28.2	0.0367	17.9	0.00101	0.00101	0.00000516	0.00683	0.00132	0.0228	0.0222	0.00000527	21.1	0.0000188	0.00032
2086 Jun	92.4	0.0818	0.0838	0.00232	26.2	0.0335	16.3	0.000941	0.000941	0.00000479	0.00633	0.00123	0.0209	0.0208	0.00000489	19.7	0.0000176	0.0003
2086 Jul	92.6	0.0817	0.0842	0.00234	26.2	0.0336	16.4	0.000945	0.000945	0.00000482	0.00636	0.00123	0.021	0.0207	0.00000491	19.7	0.0000177	0.0003
2086 Aug	92.8	0.0815	0.0838	0.00233	26.3	0.0338	16.5	0.000948	0.000948	0.00000483	0.00637	0.00123	0.0211	0.0208	0.00000493	19.7	0.0000176	0.0003
2086 Sep	92.6	0.0812	0.0828	0.00231	26.2	0.034	16.5	0.000948	0.000948	0.00000483	0.00637	0.00123	0.0212	0.0207	0.00000493	19.7	0.0000176	0.0003
2086 Oct	93.4	0.082	0.0831	0.00233	26.3	0.0344	16.7	0.000955	0.000955	0.00000487	0.00644	0.00124	0.0214	0.0208	0.00000497	19.8	0.0000177	0.000302
2086 Nov	95.2	0.0836	0.0846	0.00237	26.8	0.0351	17.1	0.000973	0.000973	0.00000496	0.00656	0.00126	0.0218	0.0212	0.00000506	20.2	0.000018	0.000307
2086 Dec	96.9	0.0851	0.0862	0.00241	27.3	0.0357	17.4	0.000991	0.000991	0.00000505	0.00668	0.00129	0.0222	0.0216	0.00000515	20.6	0.0000184	0.000313
2087 Jan	98.5	0.0865	0.0876	0.00245	27.8	0.0363	17.7	0.00101	0.00101	0.00000513	0.00679	0.00131	0.0226	0.022	0.00000524	20.9	0.0000187	0.000318
2087 Feb	100	0.0879	0.0891	0.00249	28.2	0.0369	18	0.00102	0.00102	0.00000522	0.0069	0.00133	0.023	0.0223	0.00000532	21.3	0.000019	0.000324
2087 Mar	101	0.0891	0.0902	0.00253	28.6	0.0374	18.2	0.00104	0.00104	0.00000529	0.00699	0.00135	0.0233	0.0226	0.00000539	21.5	0.0000192	0.000328
2087 Apr	103	0.09	0.0912	0.00255	28.9	0.0378	18.4	0.00105	0.00105	0.00000534	0.00706	0.00136	0.0235	0.0229	0.00000545	21.8	0.0000194	0.000331
2087 May	100	0.0877	0.0888	0.00248	28.2	0.0367	17.8	0.00102	0.00102	0.0000052	0.00687	0.00133	0.0228	0.0224	0.00000531	21.3	0.0000189	0.000324
2087 Jun	93.2	0.0818	0.083	0.00231	26.3	0.0336	16.4	0.000948	0.000948	0.00000483	0.00637	0.00124	0.021	0.0212	0.00000493	20.1	0.0000177	0.000304
2087 Jul	93.3	0.0814	0.0827	0.00231	26.3	0.0338	16.5	0.000952	0.000952	0.00000485	0.00639	0.00125	0.021	0.0213	0.00000495	20.1	0.0000177	0.000305
2087 Aug	93.7	0.0815	0.0827	0.00231	26.4	0.034	16.6	0.000956	0.000956	0.00000487	0.00641	0.00125	0.0212	0.0213	0.00000497	20.2	0.0000177	0.000306
2087 Sep	93.9	0.0817	0.0825	0.00231	26.4	0.0342	16.7	0.000957	0.000957	0.00000488	0.00643	0.00126	0.0213	0.0213	0.00000498	20.2	0.0000178	0.000306
2087 Oct	94	0.0819	0.0822	0.0023	26.4	0.0343	16.7	0.000958	0.000958	0.00000488	0.00645	0.00126	0.0213	0.0213	0.00000498	20.2	0.0000178	0.000306
2087 Nov	95.1	0.083	0.083	0.00233	26.7	0.0348	16.9	0.00097	0.00097	0.00000494	0.00654	0.00127	0.0216	0.0216	0.00000504	20.5	0.000018	0.00031
2087 Dec	97	0.0846	0.0846	0.00238	27.2	0.0355	17.3	0.000989	0.000989	0.00000504	0.00666	0.0013	0.022	0.022	0.00000514	20.8	0.0000184	0.000316
2088 Jan	98.5	0.0859	0.0859	0.00241	27.6	0.036	17.5	0.001	0.001	0.00000512	0.00676	0.00132	0.0224	0.0223	0.00000522	21.2	0.0000186	0.000321
2088 Feb	100	0.0874	0.0873	0.00245	28.1	0.0366	17.8	0.00102	0.00102	0.0000052	0.00688	0.00134	0.0228	0.0227	0.00000531	21.5	0.000019	0.000326
2088 Mar	101	0.0884	0.0884	0.00248	28.4	0.0371	18.1	0.00103	0.00103	0.00000526	0.00696	0.00136	0.023	0.023	0.00000537	21.8	0.0000192	0.00033
2088 Apr	102	0.0891	0.0891	0.0025	28.7	0.0374	18.2	0.00104	0.00104	0.00000531	0.00702	0.00137	0.0232	0.0232	0.00000541	22	0.0000193	0.000333
2088 May	102	0.0892	0.0892	0.0025	28.7	0.0374	18.2	0.00104	0.00104	0.00000531	0.00702	0.00137	0.0232	0.0232	0.00000542	22	0.0000194	0.000333
2088 Jun	93.1	0.0807	0.0814	0.00229	26.1	0.0341	16.5	0.000962	0.000962	0.0000049	0.00649	0.00125	0.0212	0.0211	0.000005	20	0.000018	0.000305
2088 Jul	92.9	0.0802	0.0813	0.00229	26	0.034	16.4	0.000963	0.000963	0.00000491	0.00651	0.00125	0.0212	0.021	0.000005	19.9	0.0000181	0.000304
2088 Aug	93.5	0.0806	0.0816	0.00231	26.2	0.0343	16.6	0.00097	0.00097	0.00000494	0.00655	0.00126	0.0213	0.0211	0.00000504	20	0.0000182	0.000306
2088 Sep	93.7	0.0807	0.0814	0.0023	26.2	0.0344	16.6	0.000971	0.000971	0.00000495	0.00656	0.00126	0.0214	0.0211	0.00000504	20	0.0000182	0.000306
2088 Oct	93	0.0806	0.08	0.00227	26	0.0345	16.6	0.000966	0.000966	0.00000492	0.00655	0.00125	0.0213	0.0209	0.00000502	19.9	0.0000181	0.000304
2088 Nov	94	0.0816	0.0806	0.00229	26.2	0.0349	16.7	0.000976	0.000976	0.00000497	0.00663	0.00126	0.0216	0.0212	0.00000507	20.1	0.0000182	0.000307
2088 Dec	96	0.0833	0.0823	0.00234	26.8	0.0356	17.1	0.000997	0.000997	0.00000508	0.00677	0.00129	0.022	0.0216	0.00000518	20.5	0.0000186	0.000314
2089 Jan	97.9	0.085	0.0839	0.00239	27.3	0.0364	17.4	0.00102	0.00102	0.00000518	0.00691	0.00132	0.0225	0.022	0.00000528	21	0.000019	0.00032
2089 Feb	99.8	0.0866	0.0855	0.00244	27.9	0.0371	17.8	0.00104	0.00104	0.00000528	0.00704	0.00134	0.0229	0.0225	0.00000538	21.4	0.0000194	0.000326
2089 Mar	101	0.0877	0.0866	0.00247	28.2	0.0375	18	0.00105	0.00105	0.00000534	0.00713	0.00136	0.0232	0.0227	0.00000545	21.6	0.0000196	0.00033
2089 Apr	102	0.0886	0.0875	0.00249	28.5	0.0379	18.2	0.00106	0.00106	0.0000054	0.0072	0.00137	0.0234	0.023	0.00000551	21.8	0.0000198	0.000333
2089 May	98.4	0.0855	0.0842	0.0024	27.5	0.0363	17.4	0.00102	0.00102	0.0000052	0.00693	0.00133	0.0225	0.0224	0.0000053	21.2	0.0000191	0.000323
2089 Jun	92.8	0.0805	0.0793	0.00225	25.9	0.0337	16.2	0.000958	0.000958	0.00000488	0.00649	0.00126	0.0208	0.0215	0.00000498	20.2	0.000018	0.000307
2089 Jul	93	0.0802	0.079	0.00225	26	0.0339	16.3	0.000962	0.000962	0.0000049	0.00651	0.00126	0.0209	0.0215	0.000005	20.3	0.000018	0.000308
2089 Aug	93.3	0.0801	0.0789	0.00225	26	0.0342	16.4	0.000966	0.000966	0.00000492	0.00653	0.00127	0.021	0.0215	0.00000502	20.3	0.0000181	0.000308

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Sep	93.4	0.0802	0.0784	0.00224	26	0.0343	16.5	0.000966	0.000966	0.00000492	0.00654	0.00127	0.0212	0.0215	0.00000502	20.3	0.000018	0.000308
2089 Oct	92.8	0.0807	0.0779	0.00222	25.8	0.0344	16.5	0.00096	0.00096	0.00000489	0.00652	0.00126	0.0211	0.0212	0.00000498	20.1	0.0000179	0.000305
2089 Nov	94.2	0.0821	0.0792	0.00226	26.2	0.035	16.7	0.000975	0.000975	0.00000496	0.00663	0.00128	0.0214	0.0216	0.00000506	20.4	0.0000182	0.000309
2089 Dec	95.7	0.0834	0.0804	0.0023	26.6	0.0355	17	0.00099	0.00099	0.00000504	0.00673	0.0013	0.0218	0.0219	0.00000514	20.7	0.0000184	0.000314
2090 Jan	97.1	0.0846	0.0816	0.00233	27	0.0361	17.2	0.001	0.001	0.00000512	0.00683	0.00132	0.0221	0.0222	0.00000522	21	0.0000187	0.000319
2090 Feb	98.6	0.0859	0.0829	0.00237	27.4	0.0366	17.5	0.00102	0.00102	0.0000052	0.00694	0.00134	0.0224	0.0226	0.0000053	21.4	0.000019	0.000324
2090 Mar	99.9	0.087	0.0839	0.0024	27.8	0.0371	17.7	0.00103	0.00103	0.00000526	0.00703	0.00135	0.0227	0.0229	0.00000537	21.6	0.0000193	0.000328
2090 Apr	101	0.0881	0.085	0.00243	28.1	0.0376	17.9	0.00105	0.00105	0.00000533	0.00712	0.00137	0.023	0.0231	0.00000543	21.9	0.0000195	0.000332
2090 May	101	0.0878	0.0846	0.00242	28	0.0374	17.9	0.00104	0.00104	0.00000531	0.00709	0.00137	0.0229	0.0231	0.00000542	21.9	0.0000194	0.000331
2090 Jun	90.6	0.0786	0.077	0.00218	25.2	0.033	15.9	0.000932	0.000932	0.00000474	0.00632	0.00123	0.0204	0.021	0.00000484	19.8	0.0000175	0.000299
2090 Jul	90.8	0.0784	0.0772	0.00219	25.2	0.0331	16	0.000936	0.000936	0.00000477	0.00635	0.00123	0.0205	0.0209	0.00000486	19.7	0.0000176	0.0003
2090 Aug	90.5	0.0779	0.0766	0.00218	25.2	0.0334	16	0.000936	0.000936	0.00000477	0.00633	0.00123	0.0205	0.0208	0.00000486	19.6	0.0000174	0.000298
2090 Sep	90.5	0.0787	0.0768	0.00218	25.2	0.0336	16	0.000935	0.000935	0.00000476	0.00633	0.00123	0.0206	0.0206	0.00000486	19.6	0.0000173	0.000297
2090 Oct	90.2	0.08	0.0774	0.00219	25.2	0.0339	16	0.000933	0.000933	0.00000475	0.00635	0.00122	0.0206	0.0204	0.00000485	19.4	0.0000172	0.000294
2090 Nov	90.7	0.0808	0.078	0.00221	25.4	0.0341	16.1	0.000938	0.000938	0.00000478	0.00639	0.00122	0.0207	0.0205	0.00000487	19.5	0.0000173	0.000295
2090 Dec	92.3	0.0822	0.0793	0.00225	25.8	0.0347	16.4	0.000954	0.000954	0.00000486	0.00649	0.00124	0.0211	0.0209	0.00000496	19.8	0.0000176	0.0003
2091 Jan	93.7	0.0834	0.0805	0.00228	26.2	0.0353	16.6	0.000969	0.000969	0.00000494	0.00659	0.00126	0.0214	0.0212	0.00000503	20.1	0.0000179	0.000305
2091 Feb	95.2	0.0847	0.0818	0.00232	26.6	0.0358	16.9	0.000984	0.000984	0.00000501	0.0067	0.00128	0.0218	0.0215	0.00000511	20.4	0.0000181	0.00031
2091 Mar	96.3	0.0858	0.0828	0.00235	26.9	0.0363	17.1	0.000997	0.000997	0.00000508	0.00678	0.0013	0.022	0.0218	0.00000518	20.7	0.0000184	0.000314
2091 Apr	97.2	0.0865	0.0835	0.00237	27.2	0.0366	17.3	0.00101	0.00101	0.00000512	0.00684	0.00131	0.0222	0.022	0.00000522	20.9	0.0000185	0.000316
2091 May	96	0.0854	0.0823	0.00233	26.8	0.036	17	0.000992	0.000992	0.00000505	0.00675	0.0013	0.0219	0.0218	0.00000515	20.7	0.0000183	0.000313
2091 Jun	90.5	0.0804	0.0779	0.00219	25.3	0.0332	15.7	0.000932	0.000932	0.00000475	0.00632	0.00123	0.0202	0.021	0.00000484	19.8	0.0000173	0.000299
2091 Jul	90.9	0.0805	0.0782	0.0022	25.4	0.0334	15.8	0.000938	0.000938	0.00000477	0.00636	0.00124	0.0203	0.0211	0.00000487	19.9	0.0000174	0.0003
2091 Aug	90.8	0.08	0.0774	0.00219	25.4	0.0336	15.9	0.000939	0.000939	0.00000478	0.00636	0.00124	0.0204	0.021	0.00000487	19.8	0.0000173	0.0003
2091 Sep	90.7	0.0798	0.0768	0.00218	25.3	0.0339	15.9	0.000938	0.000938	0.00000478	0.00635	0.00124	0.0205	0.021	0.00000487	19.8	0.0000172	0.000299
2091 Oct	90.7	0.0805	0.077	0.00219	25.3	0.034	16	0.000937	0.000937	0.00000477	0.00636	0.00123	0.0206	0.0209	0.00000487	19.7	0.0000172	0.000298
2091 Nov	91	0.0813	0.0776	0.0022	25.4	0.0343	16	0.000941	0.000941	0.00000479	0.00639	0.00124	0.0207	0.0209	0.00000488	19.8	0.0000172	0.000298
2091 Dec	92.5	0.0827	0.0788	0.00223	25.8	0.0348	16.3	0.000956	0.000956	0.00000487	0.0065	0.00126	0.021	0.0212	0.00000496	20.1	0.0000175	0.000303
2092 Jan	94.1	0.0841	0.0802	0.00227	26.3	0.0354	16.6	0.000972	0.000972	0.00000495	0.00661	0.00128	0.0214	0.0216	0.00000505	20.4	0.0000178	0.000308
2092 Feb	95.4	0.0852	0.0812	0.0023	26.6	0.0359	16.8	0.000985	0.000985	0.00000502	0.0067	0.00129	0.0217	0.0218	0.00000511	20.7	0.000018	0.000312
2092 Mar	96.3	0.0861	0.0821	0.00233	26.9	0.0363	17	0.000995	0.000995	0.00000507	0.00676	0.00131	0.0219	0.0221	0.00000517	20.9	0.0000182	0.000315
2092 Apr	97.3	0.0869	0.0829	0.00235	27.2	0.0366	17.1	0.001	0.001	0.00000512	0.00683	0.00132	0.0221	0.0223	0.00000522	21.1	0.0000184	0.000318
2092 May	96	0.0857	0.0817	0.00231	26.8	0.036	16.9	0.00099	0.00099	0.00000504	0.00673	0.00131	0.0217	0.0221	0.00000514	20.9	0.0000182	0.000315
2092 Jun	90.9	0.0808	0.0784	0.0022	25.4	0.0332	15.7	0.000933	0.000933	0.00000475	0.00632	0.00124	0.0202	0.0213	0.00000484	20	0.0000173	0.000301
2092 Jul	90.9	0.0804	0.0787	0.00221	25.4	0.0332	15.8	0.000935	0.000935	0.00000476	0.00633	0.00124	0.0203	0.0212	0.00000485	19.9	0.0000174	0.000301
2092 Aug	91.4	0.0806	0.0788	0.00221	25.5	0.0335	15.9	0.000939	0.000939	0.00000478	0.00636	0.00124	0.0204	0.0212	0.00000487	20	0.0000174	0.000302
2092 Sep	91.5	0.0805	0.0783	0.0022	25.5	0.0336	16	0.000939	0.000939	0.00000478	0.00636	0.00124	0.0206	0.0212	0.00000487	20	0.0000174	0.000302
2092 Oct	91.7	0.0807	0.0779	0.0022	25.5	0.0338	16.1	0.00094	0.00094	0.00000479	0.00638	0.00125	0.0207	0.0212	0.00000488	20	0.0000174	0.000302
2092 Nov	93.4	0.0822	0.0792	0.00223	25.9	0.0345	16.4	0.000956	0.000956	0.00000487	0.0065	0.00127	0.0211	0.0216	0.00000497	20.4	0.0000177	0.000307
2092 Dec	94.6	0.0832	0.0802	0.00226	26.3	0.0349	16.6	0.000969	0.000969	0.00000493	0.00658	0.00128	0.0214	0.0218	0.00000503	20.6	0.000018	0.000311
2093 Jan	96.2	0.0847	0.0816	0.0023	26.7	0.0355	16.9	0.000985	0.000985	0.00000502	0.0067	0.00131	0.0217	0.0222	0.00000512	21	0.0000183	0.000317
2093 Feb	97.6	0.0858	0.0827	0.00233	27.1	0.036	17.2	0.000999	0.000999	0.00000509	0.00679	0.00132	0.022	0.0225	0.00000519	21.3	0.0000185	0.000321
2093 Mar	98.4	0.0866	0.0835	0.00236	27.3	0.0363	17.3	0.00101	0.00101	0.00000513	0.00685	0.00134	0.0222	0.0227	0.00000524	21.5	0.0000187	0.000324
2093 Apr	99.3	0.0874	0.0842	0.00238	27.6	0.0366	17.5	0.00102	0.00102	0.00000518	0.00691	0.00135	0.0224	0.0229	0.00000528	21.6	0.0000189	0.000327
2093 May	97.3	0.0855	0.0823	0.00232	27	0.0358	17.1	0.000995	0.000995	0.00000507	0.00676	0.00132	0.0219	0.0226	0.00000517	21.3	0.0000185	0.000321
2093 Jun	90.7	0.0796	0.0771	0.00216	25.2	0.0328	15.7	0.000926	0.000926	0.00000472	0.00628	0.00124	0.0201	0.0214	0.00000481	20	0.0000173	0.000302
2093 Jul	91	0.0795	0.0772	0.00217	25.3	0.033	15.8	0.000931	0.000931	0.00000474	0.00631	0.00124	0.0202	0.0214	0.00000483	20.1	0.0000174	0.000303
2093 Aug	91.4	0.0796	0.0772	0.00217	25.4	0.0332	15.9	0.000935	0.000935	0.00000476	0.00633	0.00125	0.0203	0.0215	0.00000485	20.1	0.0000174	0.000304
2093 Sep	91.4	0.0797	0.0766	0.00216	25.3	0.0333	16	0.000935	0.000935	0.00000476	0.00634	0.00125	0.0204	0.0214	0.00000485	20.1	0.0000174	0.000303
2093 Oct	90.9	0.0801	0.0759	0.00215	25.2	0.0335	15.9	0.00093	0.00093	0.00000474	0.00634	0.00124	0.0204	0.0212	0.00000483	20	0.0000173	0.000301
2093 Nov	91.1	0.0809	0.0763	0.00216	25.3	0.0337	16	0.000934	0.000934	0.00000476	0.00638	0.00124	0.0205	0.0212	0.00000485	20	0.0000173	0.000301
2093 Dec	92.4	0.0821	0.0774	0.00219	25.6	0.0342	16.2	0.000947	0.000947	0.00000482	0.00647	0.00126	0.0208	0.0215	0.00000492	20.3	0.0000176	0.000305
2094 Jan	93.8	0.0832	0.0785	0.00222	26	0.0347	16.4	0.000961	0.000961	0.00000489	0.00656	0.00128	0.0211	0.0218	0.00000499	20.6	0.0000178	0.00031
2094 Feb	95.2	0.0845	0.0797	0.00226	26.4	0.0352	16.7	0.000975	0.000975	0.00000497	0.00666	0.0013	0.0214	0.0222	0.00000506	20.9	0.0000181	0.000314
2094 Mar	96.5	0.0857	0.0808	0.00229	26.8	0.0357	16.9	0.000989	0.000989	0.00000503	0.00675	0.00132	0.0217	0.0225	0.00000513	21.2	0.0000184	0.000319
2094 Apr	97.4	0.0865	0.0816	0.00231	27	0.0361	17.1	0.000998	0.000998	0.00000508	0.00681	0.00133	0.0219	0.0227	0.00000518	21.4	0.0000185	0.000322
2094 May	95.1	0.0843	0.0796	0.00225	26.4	0.035	16.6	0.000972	0.000972	0.00000495	0.00663	0.0013	0.0213	0.0223	0.00000505	21	0.0000181	0.000315
2094 Jun	91.2	0.0806	0.0762	0.00214	25.3	0.033	15.8	0.000928	0.000928	0.00000473	0.00632	0.00125	0.0201	0.0217	0.00000482	20.3	0.0000174	0.000304
2094 Jul	91.8	0.0808	0.0764	0.00215	25.4	0.0333	15.9	0.000935	0.000935	0.00000476	0.00637	0.00126	0.0203	0.0218	0.00000485	20.4	0.0000175	0.000306
2094 Aug	92.5	0.0812	0.0768	0.00217	25.6	0.0336	16.1	0.000941	0.000941	0.00000479	0.0064	0.00127	0.0205	0.0219	0.00000488	20.5	0.0000176	0.000308
2094 Sep	92.5	0.0813	0.0761	0.00216	25.5	0.0337	16.1	0.000941	0.000941	0.00000479	0.00642	0.00127	0.0206	0.0219	0.00000488	20.5	0.0000176	0.000308
2094 Oct	92.1	0.0813	0.075	0.00213	25.3	0.0338	16.1	0.000937	0.000937	0.00000477	0.00642	0.00126	0.0206	0.0218	0.00000487	20.4	0.0000175	0.000306
2094 Nov	92.1	0.0818	0.0747	0.00213	25.3	0.034	16.2	0.000938	0.000938	0.00000478	0.00644	0.00126	0.0206	0.0217	0.00000487	20.4	0.0000175	0.000305
2094 Dec	93.7	0.0833	0.076	0.00217	25.8	0.0347	16.5	0.000955	0.000955	0.00000486	0.00656	0.00129	0.021	0.0221	0.00000496	20.8	0.0000178	0.000311
2095 Jan	94.8	0.0843	0.0769	0.00219	26.1	0.0351	16.6	0.000966	0.000966	0.00000492	0.00663	0.0013	0.0212	0.0223	0.00000501	21	0.000018	0.000314
2095 Feb	96.6	0.0859	0.0784	0.00223	26.6	0.0357	17	0.000984	0.000984	0.00000501	0.00676	0.00132	0.0216	0.0227	0.00000511	21.4	0.0000184	0.00032
2095 Mar	97.9	0.087	0.0794	0.00226	26.9	0.0362	17.2	0.000997	0.000997	0.00000508	0.00685	0.00134	0.0219	0.023	0.00000518	21.7	0.0000186	0.000324

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Apr	98.8	0.0879	0.0802	0.00229	27.2	0.0366	17.4	0.00101	0.00101	0.00000513	0.00692	0.00136	0.0221	0.0233	0.00000523	21.9	0.0000188	0.000328
2095 May	95.4	0.0847	0.0773	0.0022	26.2	0.035	16.7	0.00097	0.00097	0.00000494	0.00666	0.00131	0.0212	0.0227	0.00000503	21.3	0.0000181	0.000317
2095 Jun	92.2	0.0818	0.0747	0.00212	25.4	0.0335	16	0.000936	0.000936	0.00000476	0.00641	0.00127	0.0203	0.0222	0.00000486	20.7	0.0000176	0.000309
2095 Jul	92.7	0.082	0.0749	0.00213	25.5	0.0338	16.1	0.000943	0.000943	0.0000048	0.00645	0.00128	0.0204	0.0223	0.00000489	20.8	0.0000177	0.000311
2095 Aug	92.6	0.0814	0.0741	0.00212	25.4	0.034	16.1	0.000943	0.000943	0.0000048	0.00644	0.00128	0.0205	0.0222	0.00000489	20.8	0.0000175	0.00031
2095 Sep	92.5	0.0812	0.0735	0.00211	25.4	0.0341	16.1	0.000943	0.000943	0.0000048	0.00644	0.00128	0.0206	0.0221	0.00000489	20.7	0.0000175	0.000309
2095 Oct	92.6	0.0813	0.0733	0.0021	25.4	0.0342	16.2	0.000943	0.000943	0.0000048	0.00645	0.00128	0.0206	0.0221	0.00000489	20.7	0.0000175	0.000309
2095 Nov	92.2	0.0814	0.073	0.0021	25.3	0.0342	16.2	0.00094	0.00094	0.00000478	0.00644	0.00128	0.0206	0.022	0.00000488	20.6	0.0000174	0.000307
2095 Dec	93.2	0.0823	0.0738	0.00212	25.5	0.0346	16.3	0.00095	0.00095	0.00000483	0.00651	0.00129	0.0208	0.0222	0.00000493	20.8	0.0000176	0.000311
2096 Jan	94.8	0.0837	0.0751	0.00216	26	0.0352	16.6	0.000966	0.000966	0.00000492	0.00662	0.00131	0.0211	0.0226	0.00000501	21.2	0.0000179	0.000316
2096 Feb	96.1	0.0848	0.0761	0.00218	26.3	0.0356	16.8	0.000979	0.000979	0.00000498	0.0067	0.00133	0.0214	0.0229	0.00000508	21.5	0.0000181	0.00032
2096 Mar	97.4	0.086	0.0771	0.00221	26.7	0.0361	17.1	0.000992	0.000992	0.00000505	0.0068	0.00135	0.0217	0.0232	0.00000515	21.8	0.0000184	0.000325
2096 Apr	98.5	0.087	0.078	0.00224	27	0.0366	17.3	0.001	0.001	0.00000511	0.00688	0.00136	0.022	0.0235	0.00000521	22	0.0000186	0.000328
2096 May	97.3	0.0858	0.0769	0.00221	26.6	0.036	17	0.00099	0.00099	0.00000504	0.00678	0.00135	0.0217	0.0233	0.00000514	21.8	0.0000184	0.000325
2096 Jun	91.6	0.0803	0.074	0.00211	25.1	0.0334	15.9	0.000936	0.000936	0.00000476	0.0064	0.00127	0.0203	0.022	0.00000485	20.5	0.0000176	0.000307
2096 Jul	91.9	0.0802	0.0744	0.00212	25.2	0.0335	15.9	0.00094	0.00094	0.00000479	0.00643	0.00127	0.0204	0.0219	0.00000488	20.5	0.0000177	0.000308
2096 Aug	92.4	0.0805	0.0746	0.00213	25.3	0.0338	16.1	0.000946	0.000946	0.00000481	0.00647	0.00128	0.0205	0.022	0.00000491	20.6	0.0000177	0.000309
2096 Sep	92.3	0.0806	0.0738	0.00211	25.3	0.0339	16.1	0.000945	0.000945	0.00000481	0.00648	0.00128	0.0206	0.0219	0.0000049	20.6	0.0000177	0.000309
2096 Oct	91.5	0.0808	0.0728	0.00209	25	0.034	16	0.00094	0.00094	0.00000478	0.00647	0.00126	0.0205	0.0217	0.00000487	20.4	0.0000175	0.000305
2096 Nov	92.4	0.0818	0.0736	0.00212	25.3	0.0344	16.2	0.000949	0.000949	0.00000483	0.00654	0.00128	0.0207	0.0219	0.00000492	20.6	0.0000177	0.000308
2096 Dec	94.5	0.0837	0.0752	0.00216	25.8	0.0352	16.5	0.000971	0.000971	0.00000494	0.00669	0.00131	0.0212	0.0224	0.00000504	21	0.0000181	0.000315
2097 Jan	96.2	0.0852	0.0766	0.0022	26.3	0.0358	16.8	0.000988	0.000988	0.00000503	0.00681	0.00133	0.0216	0.0228	0.00000513	21.4	0.0000184	0.000321
2097 Feb	97.9	0.0867	0.0779	0.00224	26.8	0.0364	17.1	0.00101	0.00101	0.00000512	0.00693	0.00135	0.0219	0.0232	0.00000522	21.8	0.0000188	0.000326
2097 Mar	99.2	0.0878	0.0789	0.00227	27.1	0.0369	17.3	0.00102	0.00102	0.00000518	0.00702	0.00137	0.0222	0.0235	0.00000528	22.1	0.000019	0.000331
2097 Apr	100	0.0885	0.0796	0.00229	27.3	0.0372	17.5	0.00103	0.00103	0.00000523	0.00707	0.00138	0.0224	0.0237	0.00000533	22.2	0.0000192	0.000333
2097 May	98.2	0.0868	0.0779	0.00224	26.8	0.0364	17.1	0.00101	0.00101	0.00000513	0.00694	0.00136	0.0219	0.0233	0.00000523	21.9	0.0000188	0.000328
2097 Jun	91.8	0.081	0.073	0.00209	25.1	0.0336	15.8	0.000941	0.000941	0.00000479	0.00647	0.00128	0.0203	0.0221	0.00000488	20.7	0.0000177	0.000309
2097 Jul	92.2	0.0811	0.0732	0.0021	25.2	0.0338	15.9	0.000947	0.000947	0.00000482	0.00651	0.00128	0.0204	0.0222	0.00000491	20.7	0.0000178	0.000311
2097 Aug	92.6	0.0812	0.0732	0.0021	25.3	0.0341	16	0.000951	0.000951	0.00000484	0.00653	0.00129	0.0205	0.0222	0.00000493	20.8	0.0000178	0.000311
2097 Sep	92.8	0.0813	0.073	0.0021	25.3	0.0342	16.1	0.000953	0.000953	0.00000485	0.00654	0.00129	0.0206	0.0223	0.00000494	20.8	0.0000178	0.000312
2097 Oct	92.7	0.0814	0.0727	0.0021	25.3	0.0343	16.1	0.000953	0.000953	0.00000485	0.00655	0.00129	0.0206	0.0222	0.00000494	20.8	0.0000178	0.000312
2097 Nov	93.3	0.0821	0.073	0.00211	25.5	0.0346	16.2	0.000959	0.000959	0.00000488	0.00661	0.0013	0.0207	0.0224	0.00000498	21	0.0000179	0.000314
2097 Dec	94.6	0.0831	0.0739	0.00214	25.8	0.035	16.4	0.000972	0.000972	0.00000495	0.00669	0.00132	0.021	0.0227	0.00000504	21.2	0.0000182	0.000318
2098 Jan	96.2	0.0846	0.0752	0.00217	26.3	0.0356	16.7	0.000989	0.000989	0.00000503	0.00681	0.00134	0.0214	0.0231	0.00000513	21.6	0.0000185	0.000323
2098 Feb	97.9	0.0861	0.0765	0.00221	26.7	0.0363	17	0.00101	0.00101	0.00000512	0.00693	0.00136	0.0218	0.0235	0.00000522	22	0.0000188	0.000329
2098 Mar	99.3	0.0873	0.0776	0.00224	27.1	0.0368	17.3	0.00102	0.00102	0.00000519	0.00703	0.00138	0.0221	0.0238	0.00000529	22.3	0.0000191	0.000334
2098 Apr	100	0.0881	0.0783	0.00226	27.3	0.0371	17.4	0.00103	0.00103	0.00000524	0.00709	0.00139	0.0223	0.024	0.00000534	22.5	0.0000192	0.000337
2098 May	96.2	0.0845	0.0748	0.00216	26.2	0.0353	16.6	0.000987	0.000987	0.00000502	0.00679	0.00135	0.0211	0.0234	0.00000511	21.8	0.0000185	0.000326
2098 Jun	92	0.0805	0.0724	0.00207	25.2	0.033	15.6	0.000938	0.000938	0.00000477	0.00643	0.00129	0.0198	0.0228	0.00000486	21.1	0.0000177	0.000315
2098 Jul	92.5	0.0808	0.0727	0.00208	25.3	0.0332	15.7	0.000945	0.000945	0.00000481	0.00647	0.0013	0.02	0.0228	0.0000049	21.2	0.0000178	0.000316
2098 Aug	92.6	0.0805	0.0723	0.00207	25.3	0.0334	15.7	0.000947	0.000947	0.00000482	0.00648	0.0013	0.0201	0.0228	0.00000491	21.2	0.0000178	0.000316
2098 Sep	92.2	0.0806	0.0714	0.00206	25.2	0.0336	15.7	0.000944	0.000944	0.0000048	0.00647	0.00129	0.0201	0.0226	0.00000489	21	0.0000176	0.000314
2098 Oct	91.8	0.0813	0.0715	0.00206	25.1	0.0338	15.7	0.000941	0.000941	0.00000479	0.00648	0.00129	0.0201	0.0224	0.00000488	20.8	0.0000175	0.000311
2098 Nov	92.1	0.082	0.0719	0.00207	25.2	0.034	15.8	0.000945	0.000945	0.00000481	0.00651	0.00129	0.0202	0.0224	0.0000049	20.9	0.0000176	0.000312
2098 Dec	93.6	0.0833	0.073	0.0021	25.6	0.0345	16	0.00096	0.00096	0.00000488	0.00661	0.00131	0.0205	0.0228	0.00000497	21.2	0.0000179	0.000317
2099 Jan	94.8	0.0844	0.074	0.00213	26	0.035	16.2	0.000972	0.000972	0.00000495	0.0067	0.00133	0.0208	0.0231	0.00000504	21.5	0.0000181	0.000321
2099 Feb	96.2	0.0856	0.075	0.00216	26.3	0.0355	16.5	0.000986	0.000986	0.00000502	0.00679	0.00135	0.0211	0.0234	0.00000511	21.8	0.0000184	0.000325
2099 Mar	97.3	0.0866	0.0759	0.00219	26.7	0.0359	16.7	0.000997	0.000997	0.00000507	0.00687	0.00136	0.0213	0.0237	0.00000517	22.1	0.0000186	0.000329
2099 Apr	97.7	0.0869	0.0762	0.00219	26.8	0.036	16.7	0.001	0.001	0.00000509	0.0069	0.00137	0.0214	0.0238	0.00000519	22.2	0.0000187	0.000331
2099 May	92.6	0.0824	0.072	0.00206	25.4	0.0333	15.6	0.000939	0.000939	0.00000478	0.00644	0.00131	0.0198	0.0232	0.00000487	21.4	0.0000176	0.000318
2099 Jun	92.5	0.082	0.0723	0.00206	25.4	0.033	15.5	0.000935	0.000935	0.00000476	0.00641	0.00131	0.0196	0.0233	0.00000484	21.4	0.0000176	0.000318
2099 Jul	92.9	0.0822	0.0724	0.00207	25.5	0.0332	15.6	0.000941	0.000941	0.00000479	0.00644	0.00131	0.0198	0.0233	0.00000487	21.5	0.0000177	0.000319
2099 Aug	93.4	0.0823	0.0724	0.00207	25.6	0.0335	15.7	0.000946	0.000946	0.00000481	0.00647	0.00132	0.0199	0.0234	0.0000049	21.6	0.0000177	0.000321
2099 Sep	93.1	0.0821	0.0716	0.00205	25.5	0.0336	15.7	0.000944	0.000944	0.0000048	0.00647	0.00132	0.0199	0.0233	0.00000489	21.5	0.0000176	0.00032
2099 Oct	92.7	0.0822	0.0708	0.00204	25.4	0.0337	15.7	0.000941	0.000941	0.00000479	0.00647	0.00131	0.0199	0.0231	0.00000488	21.4	0.0000175	0.000318
2099 Nov	93.5	0.0833	0.0716	0.00206	25.6	0.0341	15.8	0.00095	0.00095	0.00000483	0.00653	0.00132	0.0201	0.0233	0.00000492	21.5	0.0000177	0.00032
2099 Dec	95.4	0.085	0.0731	0.0021	26.1	0.0348	16.2	0.000969	0.000969	0.00000493	0.00667	0.00135	0.0205	0.0237	0.00000502	22	0.000018	0.000326
2100 Jan	97.1	0.0865	0.0743	0.00214	26.6	0.0354	16.4	0.000986	0.000986	0.00000501	0.00678	0.00137	0.0209	0.0242	0.00000511	22.4	0.0000183	0.000332
2100 Feb	98.5	0.0878	0.0754	0.00217	27	0.0359	16.7	0.001	0.001	0.00000509	0.00688	0.00139	0.0212	0.0245	0.00000519	22.7	0.0000186	0.000337
2100 Mar	100	0.089	0.0765	0.0022	27.4	0.0364	16.9	0.00101	0.00101	0.00000516	0.00698	0.00141	0.0215	0.0249	0.00000526	23	0.0000189	0.000342
2100 Apr	101	0.0899	0.0772	0.00222	27.6	0.0368	17.1	0.00102	0.00102	0.00000521	0.00705	0.00142	0.0217	0.0251	0.00000531	23.2	0.0000191	0.000345
2100 May	96	0.0853	0.0732	0.00211	26.3	0.0347	16.1	0.000973	0.000973	0.00000495	0.00669	0.00136	0.0205	0.0241	0.00000504	22.3	0.0000182	0.00033
2100 Jun	91.7	0.0812	0.0711	0.00203	25.2	0.0326	15.2	0.000928	0.000928	0.00000472	0.00636	0.0013	0.0193	0.0233	0.00000481	21.4	0.0000174	0.000317
2100 Jul	91.8	0.081	0.0711	0.00203	25.2	0.0326	15.3	0.00093	0.00093	0.00000473	0.00638	0.0013	0.0194	0.0232	0.00000482	21.3	0.0000175	0.000317
2100 Aug	91.7	0.0805	0.0706	0.00202	25.2	0.0329	15.3	0.000931	0.000931	0.00000474	0.00637	0.0013	0.0195	0.0231	0.00000482	21.3	0.0000174	0.000316
2100 Sep	91.7	0.0805	0.0705	0.00202	25.2	0.033	15.4	0.000931	0.000931	0.00000474	0.00637	0.0013	0.0196	0.023	0.00000483	21.2	0.0000173	0.000316
2100 Oct	92.1	0.081	0.0707	0.00203	25.3	0.0332	15.5	0.000935	0.000935	0.00000476	0.0064	0.0013	0.0197	0.0231	0.00000485	21.3	0.0000174	0.000317

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2100 Nov	93.6	0.0823	0.0719	0.00206	25.7	0.0338	15.7	0.00095	0.00095	0.00000483	0.00651	0.00132	0.02	0.0234	0.00000493	21.6	0.0000177	0.000322
2100 Dec	94.8	0.0833	0.0727	0.00209	26	0.0342	15.9	0.000962	0.000962	0.00000489	0.00658	0.00134	0.0203	0.0237	0.00000498	21.9	0.0000179	0.000326
2101 Jan	96.4	0.0847	0.074	0.00212	26.4	0.0348	16.2	0.000978	0.000978	0.00000498	0.0067	0.00136	0.0206	0.0241	0.00000507	22.3	0.0000182	0.000331
2101 Feb	98.5	0.0865	0.0755	0.00217	27	0.0355	16.6	0.000999	0.000999	0.00000508	0.00684	0.00139	0.0211	0.0246	0.00000518	22.7	0.0000186	0.000339
2101 Mar	100	0.0878	0.0767	0.0022	27.4	0.0361	16.8	0.00101	0.00101	0.00000516	0.00694	0.00141	0.0214	0.025	0.00000526	23.1	0.0000189	0.000344
2101 Apr	101	0.0889	0.0776	0.00223	27.7	0.0365	17	0.00103	0.00103	0.00000522	0.00702	0.00143	0.0216	0.0253	0.00000532	23.4	0.0000191	0.000348
2101 May	95.3	0.0837	0.073	0.00209	26.1	0.0341	15.9	0.000966	0.000966	0.00000491	0.0066	0.00135	0.0202	0.0241	0.000005	22.2	0.000018	0.000329
2101 Jun	90.3	0.0791	0.0696	0.00199	24.8	0.0319	14.9	0.000914	0.000914	0.00000465	0.00624	0.00128	0.019	0.023	0.00000473	21.1	0.0000171	0.000314
2101 Jul	90.8	0.0794	0.07	0.002	24.9	0.0321	15	0.00092	0.00092	0.00000468	0.00628	0.00129	0.0191	0.0231	0.00000476	21.2	0.0000173	0.000315
2101 Aug	91.3	0.0796	0.0702	0.00201	25.1	0.0324	15.2	0.000925	0.000925	0.0000047	0.00631	0.0013	0.0193	0.0232	0.00000479	21.3	0.0000173	0.000317
2101 Sep	91.1	0.0795	0.0693	0.00199	25	0.0325	15.2	0.000924	0.000924	0.0000047	0.00631	0.0013	0.0193	0.0231	0.00000479	21.2	0.0000172	0.000316
2101 Oct	90.9	0.0795	0.0689	0.00198	24.9	0.0326	15.2	0.000922	0.000922	0.00000469	0.00631	0.00129	0.0193	0.023	0.00000478	21.2	0.0000172	0.000315
2101 Nov	90.3	0.0792	0.068	0.00196	24.7	0.0325	15.1	0.000917	0.000917	0.00000466	0.00629	0.00128	0.0192	0.0228	0.00000475	21	0.0000171	0.000313
2101 Dec	91.6	0.0803	0.0689	0.00199	25	0.033	15.3	0.00093	0.00093	0.00000473	0.00638	0.0013	0.0195	0.0231	0.00000482	21.3	0.0000173	0.000317
2102 Jan	93.3	0.0819	0.0702	0.00203	25.5	0.0336	15.6	0.000948	0.000948	0.00000482	0.0065	0.00133	0.0199	0.0236	0.00000491	21.7	0.0000177	0.000323
2102 Feb	94.8	0.0831	0.0713	0.00206	25.9	0.0341	15.8	0.000962	0.000962	0.0000049	0.0066	0.00135	0.0202	0.0239	0.00000499	22.1	0.0000179	0.000328
2102 Mar	96	0.0842	0.0723	0.00209	26.2	0.0346	16.1	0.000975	0.000975	0.00000496	0.00669	0.00137	0.0204	0.0242	0.00000505	22.3	0.0000182	0.000332
2102 Apr	97	0.0851	0.073	0.00211	26.5	0.035	16.2	0.000986	0.000986	0.00000501	0.00676	0.00138	0.0207	0.0245	0.00000511	22.6	0.0000184	0.000336
2102 May	97.7	0.0857	0.0735	0.00212	26.7	0.0352	16.3	0.000993	0.000993	0.00000505	0.00681	0.00139	0.0208	0.0247	0.00000514	22.7	0.0000185	0.000338
2102 Jun	88.8	0.0772	0.0681	0.00197	24.3	0.0321	14.8	0.00092	0.00092	0.00000468	0.00633	0.00126	0.0191	0.0222	0.00000476	20.5	0.0000173	0.000308
2102 Jul	86.9	0.0751	0.0674	0.00195	23.8	0.0315	14.5	0.000909	0.000909	0.00000462	0.00626	0.00123	0.0188	0.0215	0.00000471	19.9	0.0000172	0.000301
2102 Aug	87.1	0.0751	0.0672	0.00195	23.8	0.0318	14.5	0.000913	0.000913	0.00000464	0.00628	0.00124	0.0189	0.0215	0.00000473	19.9	0.0000172	0.000302
2102 Sep	87.2	0.0752	0.0668	0.00195	23.8	0.0319	14.6	0.000914	0.000914	0.00000465	0.00629	0.00124	0.0189	0.0215	0.00000473	19.9	0.0000172	0.000302
2102 Oct	87.1	0.0757	0.0665	0.00194	23.8	0.0321	14.6	0.000914	0.000914	0.00000465	0.00631	0.00124	0.019	0.0214	0.00000473	19.9	0.0000171	0.000301
2102 Nov	88.2	0.0767	0.0674	0.00197	24.1	0.0326	14.8	0.000926	0.000926	0.00000471	0.00639	0.00125	0.0192	0.0217	0.00000479	20.1	0.0000174	0.000305
2102 Dec	89.6	0.0779	0.0684	0.002	24.5	0.0331	15	0.000941	0.000941	0.00000478	0.00649	0.00127	0.0195	0.022	0.00000487	20.4	0.0000176	0.00031
2103 Jan	91.1	0.0792	0.0695	0.00203	24.9	0.0336	15.2	0.000956	0.000956	0.00000486	0.00659	0.00129	0.0199	0.0224	0.00000495	20.8	0.0000179	0.000315
2103 Feb	92.4	0.0803	0.0705	0.00206	25.2	0.0341	15.5	0.00097	0.00097	0.00000493	0.00669	0.00131	0.0201	0.0227	0.00000502	21.1	0.0000182	0.000319
2103 Mar	93.7	0.0815	0.0715	0.00209	25.6	0.0346	15.7	0.000983	0.000983	0.000005	0.00678	0.00133	0.0204	0.023	0.00000509	21.4	0.0000184	0.000324
2103 Apr	94.7	0.0824	0.0723	0.00211	25.9	0.035	15.9	0.000994	0.000994	0.00000506	0.00686	0.00135	0.0207	0.0233	0.00000515	21.6	0.0000186	0.000327
2103 May	91.9	0.0798	0.0699	0.00204	25.1	0.0337	15.3	0.000962	0.000962	0.00000489	0.00663	0.00131	0.0199	0.0228	0.00000498	21.1	0.0000181	0.000318
2103 Jun	86.9	0.0751	0.0667	0.00193	23.7	0.0312	14.3	0.000905	0.000905	0.0000046	0.00622	0.00124	0.0186	0.0218	0.00000468	20.1	0.0000171	0.000303
2103 Jul	86.9	0.0748	0.0669	0.00194	23.8	0.0313	14.4	0.000909	0.000909	0.00000462	0.00624	0.00124	0.0187	0.0217	0.0000047	20	0.0000172	0.000303
2103 Aug	86.6	0.0741	0.0664	0.00193	23.7	0.0316	14.3	0.000911	0.000911	0.00000463	0.00623	0.00124	0.0187	0.0216	0.00000471	19.9	0.000017	0.000301
2103 Sep	86.6	0.0746	0.0663	0.00193	23.7	0.0319	14.4	0.000911	0.000911	0.00000463	0.00624	0.00124	0.0187	0.0215	0.00000471	19.9	0.000017	0.0003
2103 Oct	86.3	0.0757	0.0664	0.00194	23.7	0.0321	14.4	0.000909	0.000909	0.00000462	0.00626	0.00123	0.0187	0.0213	0.00000471	19.7	0.0000169	0.000297
2103 Nov	86.9	0.0766	0.067	0.00195	23.8	0.0324	14.5	0.000917	0.000917	0.00000466	0.00631	0.00124	0.0189	0.0214	0.00000474	19.9	0.000017	0.000299
2103 Dec	88.3	0.0778	0.0681	0.00199	24.2	0.033	14.7	0.000931	0.000931	0.00000473	0.00641	0.00126	0.0192	0.0218	0.00000482	20.2	0.0000173	0.000304
2104 Jan	90.2	0.0794	0.0695	0.00203	24.7	0.0337	15	0.000951	0.000951	0.00000483	0.00655	0.00129	0.0196	0.0222	0.00000492	20.6	0.0000176	0.00031
2104 Feb	91.9	0.0809	0.0708	0.00206	25.2	0.0343	15.3	0.000968	0.000968	0.00000492	0.00667	0.00131	0.02	0.0226	0.00000501	21	0.000018	0.000316
2104 Mar	93.1	0.082	0.0718	0.00209	25.5	0.0348	15.5	0.000982	0.000982	0.00000499	0.00676	0.00133	0.0202	0.023	0.00000508	21.3	0.0000182	0.00032
2104 Apr	94	0.0828	0.0724	0.00211	25.8	0.0351	15.6	0.000991	0.000991	0.00000504	0.00682	0.00134	0.0204	0.0232	0.00000513	21.5	0.0000184	0.000323
2104 May	90.1	0.0793	0.0692	0.00201	24.7	0.0333	14.9	0.000948	0.000948	0.00000482	0.00652	0.00129	0.0194	0.0225	0.0000049	20.8	0.0000176	0.000312
2104 Jun	87.4	0.0765	0.0675	0.00195	24	0.0317	14.3	0.000914	0.000914	0.00000465	0.00628	0.00125	0.0186	0.0221	0.00000473	20.3	0.0000171	0.000305
2104 Jul	87.6	0.0764	0.0675	0.00196	24	0.0319	14.3	0.000918	0.000918	0.00000467	0.0063	0.00126	0.0187	0.0221	0.00000475	20.3	0.0000172	0.000305
2104 Aug	87.7	0.0762	0.0672	0.00195	24.1	0.0321	14.4	0.000921	0.000921	0.00000468	0.00631	0.00126	0.0187	0.0221	0.00000476	20.3	0.0000172	0.000305
2104 Sep	87.5	0.0761	0.0666	0.00194	24	0.0322	14.4	0.00092	0.00092	0.00000468	0.00631	0.00126	0.0188	0.022	0.00000476	20.2	0.0000171	0.000304
2104 Oct	87.3	0.0767	0.0665	0.00194	23.9	0.0324	14.4	0.000918	0.000918	0.00000467	0.00631	0.00125	0.0188	0.0218	0.00000475	20.1	0.000017	0.000303
2104 Nov	88.1	0.0777	0.0672	0.00196	24.2	0.0328	14.5	0.000927	0.000927	0.00000471	0.00638	0.00126	0.019	0.022	0.0000048	20.3	0.0000172	0.000305
2104 Dec	89.9	0.0793	0.0686	0.002	24.7	0.0334	14.8	0.000946	0.000946	0.00000481	0.00651	0.00129	0.0193	0.0224	0.0000049	20.7	0.0000175	0.000311
2105 Jan	91.7	0.0809	0.07	0.00204	25.2	0.0341	15.1	0.000965	0.000965	0.00000491	0.00664	0.00132	0.0197	0.0229	0.000005	21.1	0.0000179	0.000318
2105 Feb	93.3	0.0823	0.0712	0.00208	25.6	0.0347	15.4	0.000983	0.000983	0.000005	0.00676	0.00134	0.0201	0.0233	0.00000508	21.5	0.0000182	0.000323
2105 Mar	94.7	0.0835	0.0722	0.00211	26	0.0352	15.6	0.000996	0.000996	0.00000507	0.00686	0.00136	0.0204	0.0236	0.00000516	21.8	0.0000184	0.000328
2105 Apr	95.7	0.0844	0.073	0.00213	26.3	0.0356	15.8	0.00101	0.00101	0.00000512	0.00693	0.00137	0.0206	0.0239	0.00000521	22	0.0000186	0.000331
2105 May	90.5	0.0797	0.0688	0.00201	24.8	0.0334	14.8	0.00095	0.00095	0.00000483	0.00653	0.0013	0.0193	0.0228	0.00000492	21	0.0000176	0.000315
2105 Jun	86.5	0.0759	0.0657	0.00191	23.7	0.0315	14.1	0.000905	0.000905	0.0000046	0.00621	0.00125	0.0183	0.022	0.00000468	20.2	0.0000169	0.000303
2105 Jul	86.7	0.0758	0.0656	0.00191	23.8	0.0317	14.2	0.000909	0.000909	0.00000462	0.00624	0.00125	0.0184	0.0221	0.0000047	20.2	0.0000169	0.000303
2105 Aug	86.5	0.0751	0.0649	0.0019	23.7	0.0319	14.2	0.000909	0.000909	0.00000462	0.00621	0.00125	0.0184	0.0219	0.0000047	20.1	0.0000167	0.000302
2105 Sep	86.3	0.0756	0.0651	0.00191	23.7	0.0323	14.2	0.000908	0.000908	0.00000462	0.00621	0.00124	0.0185	0.0217	0.0000047	20	0.0000165	0.0003
2105 Oct	86.2	0.0764	0.0653	0.00191	23.7	0.0325	14.2	0.000908	0.000908	0.00000462	0.00623	0.00124	0.0186	0.0215	0.0000047	19.9	0.0000165	0.000298
2105 Nov	87	0.0774	0.066	0.00193	23.9	0.0329	14.4	0.000916	0.000916	0.00000466	0.00629	0.00125	0.0188	0.0217	0.00000474	20	0.0000167	0.0003
2105 Dec	88.7	0.0789	0.0673	0.00197	24.4	0.0335	14.7	0.000934	0.000934	0.00000475	0.00642	0.00127	0.0192	0.0221	0.00000483	20.4	0.000017	0.000306
2106 Jan	90.4	0.0804	0.0685	0.00201	24.8	0.0341	14.9	0.000952	0.000952	0.00000484	0.00653	0.0013	0.0195	0.0225	0.00000492	20.8	0.0000173	0.000312
2106 Feb	92	0.0818	0.0697	0.00204	25.3	0.0347	15.2	0.000968	0.000968	0.00000492	0.00665	0.00132	0.0198	0.0229	0.00000501	21.2	0.0000176	0.000318
2106 Mar	93.4	0.083	0.0708	0.00207	25.7	0.0353	15.4	0.000983	0.000983	0.000005	0.00675	0.00134	0.0202	0.0233	0.00000509	21.5	0.0000179	0.000322
2106 Apr	94.2	0.0838	0.0714	0.00209	25.9	0.0356	15.6	0.000992	0.000992	0.00000504	0.00681	0.00135	0.0203	0.0235	0.00000513	21.7	0.000018	0.000325
2106 May	92.8	0.0825	0.0702	0.00205	25.5	0.0349	15.3	0.000977	0.000977	0.00000496	0.00671	0.00133	0.02	0.0232	0.00000505	21.4	0.0000178	0.000321

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Jun	86	0.0759	0.0655	0.00191	23.6	0.0319	14	0.000907	0.000907	0.00000461	0.00622	0.00124	0.0183	0.0217	0.00000469	20	0.0000167	0.0003
2106 Jul	86.2	0.0755	0.0656	0.00192	23.7	0.032	14.1	0.000912	0.000912	0.00000464	0.00626	0.00124	0.0184	0.0217	0.00000472	19.9	0.0000168	0.0003
2106 Aug	86	0.0749	0.0648	0.00191	23.6	0.0323	14.1	0.000913	0.000913	0.00000464	0.00625	0.00124	0.0185	0.0216	0.00000472	19.9	0.0000167	0.000299
2106 Sep	85.8	0.0751	0.0647	0.0019	23.5	0.0325	14.1	0.000913	0.000913	0.00000464	0.00624	0.00124	0.0186	0.0214	0.00000472	19.8	0.0000165	0.000298
2106 Oct	86.5	0.0761	0.0652	0.00192	23.7	0.0329	14.3	0.00092	0.00092	0.00000468	0.0063	0.00125	0.0188	0.0215	0.00000476	19.9	0.0000166	0.000299
2106 Nov	88.3	0.0776	0.0665	0.00196	24.2	0.0336	14.5	0.000938	0.000938	0.00000477	0.00643	0.00127	0.0191	0.022	0.00000485	20.3	0.000017	0.000305
2106 Dec	89.9	0.079	0.0677	0.002	24.6	0.0342	14.8	0.000955	0.000955	0.00000486	0.00655	0.0013	0.0195	0.0224	0.00000494	20.7	0.0000173	0.000311
2107 Jan	91.5	0.0805	0.069	0.00203	25.1	0.0348	15.1	0.000973	0.000973	0.00000495	0.00666	0.00132	0.0198	0.0228	0.00000503	21	0.0000176	0.000317
2107 Feb	92.9	0.0817	0.07	0.00206	25.5	0.0353	15.3	0.000988	0.000988	0.00000502	0.00677	0.00134	0.0201	0.0231	0.00000511	21.4	0.0000179	0.000321
2107 Mar	94.1	0.0827	0.0709	0.00209	25.8	0.0358	15.5	0.001	0.001	0.00000508	0.00685	0.00136	0.0204	0.0234	0.00000517	21.6	0.0000181	0.000325
2107 Apr	95.1	0.0836	0.0716	0.00211	26.1	0.0362	15.7	0.00101	0.00101	0.00000514	0.00692	0.00137	0.0206	0.0236	0.00000523	21.9	0.0000183	0.000329
2107 May	92.3	0.0811	0.0694	0.00204	25.3	0.0349	15.2	0.00098	0.00098	0.00000498	0.00671	0.00133	0.0199	0.0231	0.00000507	21.3	0.0000178	0.00032
2107 Jun	86.5	0.0757	0.0649	0.0019	23.7	0.0322	14.1	0.000915	0.000915	0.00000465	0.00626	0.00126	0.0184	0.022	0.00000473	20.2	0.0000167	0.000303
2107 Jul	86.5	0.0752	0.0645	0.0019	23.7	0.0324	14.1	0.000918	0.000918	0.00000467	0.00627	0.00126	0.0185	0.0219	0.00000475	20.1	0.0000167	0.000302
2107 Aug	86.8	0.0753	0.0645	0.0019	23.8	0.0326	14.2	0.000922	0.000922	0.00000469	0.00629	0.00126	0.0186	0.022	0.00000477	20.2	0.0000167	0.000303
2107 Sep	86.9	0.0755	0.0641	0.0019	23.8	0.0328	14.2	0.000923	0.000923	0.00000469	0.00631	0.00126	0.0186	0.022	0.00000477	20.2	0.0000167	0.000303
2107 Oct	86.9	0.0759	0.0639	0.0019	23.7	0.0329	14.2	0.000924	0.000924	0.00000469	0.00633	0.00126	0.0187	0.0219	0.00000478	20.2	0.0000167	0.000303
2107 Nov	88.1	0.077	0.0648	0.00192	24.1	0.0334	14.4	0.000936	0.000936	0.00000476	0.00642	0.00128	0.0189	0.0222	0.00000484	20.4	0.000017	0.000307
2107 Dec	89.6	0.0784	0.0659	0.00196	24.5	0.034	14.7	0.000952	0.000952	0.00000484	0.00653	0.0013	0.0193	0.0226	0.00000493	20.8	0.0000173	0.000312
2108 Jan	90.9	0.0795	0.0669	0.00199	24.8	0.0345	14.9	0.000967	0.000967	0.00000491	0.00663	0.00132	0.0196	0.0229	0.000005	21.1	0.0000175	0.000316
2108 Feb	92.3	0.0808	0.0679	0.00202	25.2	0.035	15.1	0.000981	0.000981	0.00000499	0.00673	0.00134	0.0199	0.0233	0.00000508	21.4	0.0000178	0.000321
2108 Mar	93.5	0.0818	0.0687	0.00204	25.5	0.0354	15.3	0.000994	0.000994	0.00000505	0.00681	0.00136	0.0201	0.0236	0.00000514	21.7	0.000018	0.000325
2108 Apr	94.2	0.0824	0.0693	0.00206	25.7	0.0357	15.5	0.001	0.001	0.00000509	0.00687	0.00137	0.0203	0.0237	0.00000518	21.9	0.0000182	0.000328
2108 May	94.2	0.0824	0.0692	0.00205	25.7	0.0357	15.4	0.001	0.001	0.00000509	0.00686	0.00137	0.0202	0.0238	0.00000518	21.9	0.0000181	0.000328
2108 Jun	86.6	0.0751	0.0636	0.0019	23.6	0.0327	14.1	0.000929	0.000929	0.00000472	0.00638	0.00126	0.0186	0.0219	0.0000048	20.1	0.000017	0.000303
2108 Jul	86.9	0.0751	0.0638	0.0019	23.7	0.0328	14.2	0.000934	0.000934	0.00000475	0.00642	0.00127	0.0187	0.0219	0.00000483	20.2	0.0000171	0.000305
2108 Aug	87.4	0.0754	0.0639	0.00191	23.8	0.0331	14.3	0.00094	0.00094	0.00000478	0.00645	0.00128	0.0188	0.022	0.00000486	20.3	0.0000172	0.000306
2108 Sep	87.5	0.0755	0.0636	0.00191	23.8	0.0332	14.3	0.000941	0.000941	0.00000478	0.00646	0.00128	0.0189	0.022	0.00000486	20.3	0.0000172	0.000306
2108 Oct	86.6	0.0756	0.0623	0.00188	23.6	0.0332	14.2	0.000934	0.000934	0.00000475	0.00645	0.00126	0.0188	0.0218	0.00000483	20.1	0.000017	0.000303
2108 Nov	87.5	0.0766	0.0629	0.0019	23.8	0.0336	14.3	0.000944	0.000944	0.0000048	0.00652	0.00128	0.019	0.022	0.00000488	20.3	0.0000172	0.000306
2108 Dec	89.2	0.078	0.0641	0.00194	24.3	0.0343	14.6	0.000962	0.000962	0.00000489	0.00664	0.0013	0.0193	0.0224	0.00000497	20.7	0.0000175	0.000312
2109 Jan	90.7	0.0794	0.0652	0.00197	24.7	0.0349	14.9	0.000979	0.000979	0.00000497	0.00676	0.00132	0.0197	0.0228	0.00000506	21	0.0000178	0.000317
2109 Feb	92.3	0.0807	0.0664	0.002	25.1	0.0355	15.1	0.000996	0.000996	0.00000506	0.00688	0.00135	0.02	0.0232	0.00000515	21.4	0.0000182	0.000323
2109 Mar	93.5	0.0817	0.0672	0.00203	25.4	0.0359	15.3	0.00101	0.00101	0.00000512	0.00696	0.00136	0.0202	0.0235	0.00000521	21.7	0.0000184	0.000327
2109 Apr	94.4	0.0825	0.0678	0.00205	25.7	0.0362	15.5	0.00102	0.00102	0.00000517	0.00703	0.00138	0.0204	0.0237	0.00000526	21.9	0.0000186	0.00033
2109 May	90.7	0.0792	0.0651	0.00196	24.7	0.0346	14.8	0.000976	0.000976	0.00000496	0.00674	0.00133	0.0195	0.023	0.00000505	21.2	0.0000178	0.000318
2109 Jun	86.6	0.0753	0.0619	0.00186	23.5	0.0325	14	0.000928	0.000928	0.00000472	0.0064	0.00127	0.0184	0.0223	0.0000048	20.4	0.0000171	0.000306
2109 Jul	86.7	0.075	0.0616	0.00186	23.5	0.0327	14	0.000932	0.000932	0.00000473	0.00641	0.00128	0.0185	0.0223	0.00000481	20.4	0.0000171	0.000306
2109 Aug	86.9	0.0748	0.0614	0.00186	23.6	0.0329	14.1	0.000935	0.000935	0.00000475	0.00643	0.00128	0.0185	0.0223	0.00000483	20.4	0.0000171	0.000306
2109 Sep	86.8	0.075	0.061	0.00185	23.5	0.0331	14.1	0.000934	0.000934	0.00000475	0.00643	0.00128	0.0186	0.0222	0.00000483	20.4	0.000017	0.000306
2109 Oct	86	0.0754	0.0606	0.00184	23.3	0.0331	14	0.000926	0.000926	0.0000047	0.0064	0.00126	0.0185	0.0218	0.00000479	20.1	0.0000168	0.000301
2109 Nov	87.2	0.0766	0.0615	0.00187	23.7	0.0336	14.2	0.000939	0.000939	0.00000477	0.00649	0.00128	0.0188	0.0221	0.00000485	20.4	0.0000171	0.000305
2109 Dec	88.6	0.0778	0.0625	0.0019	24.1	0.0341	14.5	0.000955	0.000955	0.00000485	0.0066	0.0013	0.0191	0.0225	0.00000493	20.7	0.0000173	0.00031
2110 Jan	89.8	0.0788	0.0633	0.00192	24.4	0.0346	14.7	0.000967	0.000967	0.00000491	0.00669	0.00132	0.0193	0.0228	0.000005	21	0.0000176	0.000314
2110 Feb	91.2	0.0801	0.0643	0.00195	24.8	0.0351	14.9	0.000982	0.000982	0.00000499	0.00679	0.00134	0.0196	0.0231	0.00000508	21.3	0.0000178	0.000319
2110 Mar	92.5	0.0812	0.0652	0.00198	25.1	0.0356	15.1	0.000996	0.000996	0.00000506	0.00689	0.00136	0.0199	0.0235	0.00000515	21.6	0.0000181	0.000324
2110 Apr	93.7	0.0822	0.0661	0.00201	25.4	0.036	15.3	0.00101	0.00101	0.00000512	0.00697	0.00137	0.0202	0.0238	0.00000521	21.9	0.0000183	0.000328
2110 May	92.6	0.0812	0.0652	0.00198	25.1	0.0355	15.1	0.000996	0.000996	0.00000506	0.00689	0.00136	0.0199	0.0235	0.00000515	21.7	0.0000181	0.000325
2110 Jun	83.8	0.0729	0.0593	0.00179	22.7	0.0315	13.5	0.000897	0.000897	0.00000456	0.00619	0.00123	0.0178	0.0216	0.00000463	19.8	0.0000165	0.000296
2110 Jul	84	0.0726	0.0593	0.00179	22.7	0.0316	13.6	0.000901	0.000901	0.00000458	0.00622	0.00124	0.0179	0.0216	0.00000466	19.7	0.0000166	0.000296
2110 Aug	83.4	0.0717	0.0592	0.00179	22.6	0.032	13.6	0.000902	0.000902	0.00000458	0.00617	0.00123	0.0179	0.0213	0.00000466	19.5	0.0000163	0.000293
2110 Sep	83.3	0.0728	0.0595	0.0018	22.6	0.0323	13.6	0.0009	0.0009	0.00000457	0.00618	0.00122	0.018	0.021	0.00000465	19.4	0.0000161	0.00029
2110 Oct	82.9	0.074	0.0596	0.0018	22.6	0.0326	13.5	0.000898	0.000898	0.00000456	0.0062	0.00121	0.018	0.0208	0.00000464	19.2	0.000016	0.000287
2110 Nov	83.2	0.0746	0.0599	0.00181	22.7	0.0328	13.6	0.000902	0.000902	0.00000458	0.00623	0.00122	0.0181	0.0208	0.00000466	19.2	0.0000161	0.000288
2110 Dec	84.4	0.0757	0.0608	0.00184	23	0.0333	13.8	0.000915	0.000915	0.00000465	0.00633	0.00124	0.0184	0.0212	0.00000473	19.5	0.0000164	0.000293
2111 Jan	85.8	0.0769	0.0618	0.00187	23.4	0.0338	14	0.00093	0.00093	0.00000472	0.00643	0.00126	0.0186	0.0215	0.0000048	19.8	0.0000166	0.000297

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2111 Feb	87.1	0.0781	0.0627	0.0019	23.7	0.0343	14.3	0.000944	0.000944	0.00000479	0.00652	0.00127	0.0189	0.0218	0.00000488	20.1	0.0000169	0.000302
2111 Mar	88.1	0.0789	0.0634	0.00192	24	0.0347	14.4	0.000954	0.000954	0.00000485	0.0066	0.00129	0.0191	0.0221	0.00000493	20.4	0.0000171	0.000305
2111 Apr	88.8	0.0796	0.064	0.00193	24.2	0.035	14.5	0.000962	0.000962	0.00000489	0.00665	0.0013	0.0193	0.0222	0.00000497	20.5	0.0000172	0.000308
2111 May	87.6	0.0784	0.0629	0.0019	23.9	0.0343	14.3	0.000948	0.000948	0.00000482	0.00655	0.00128	0.0189	0.0221	0.0000049	20.4	0.000017	0.000304
2111 Jun	83.9	0.0746	0.0601	0.00181	22.8	0.0321	13.5	0.000904	0.000904	0.00000459	0.00624	0.00124	0.0178	0.0216	0.00000467	19.8	0.0000164	0.000295
2111 Jul	84.3	0.0747	0.0602	0.00182	22.9	0.0323	13.6	0.00091	0.00091	0.00000462	0.00628	0.00125	0.0179	0.0217	0.0000047	19.9	0.0000165	0.000297
2111 Aug	84	0.0739	0.0595	0.0018	22.8	0.0326	13.6	0.00091	0.00091	0.00000462	0.00625	0.00124	0.018	0.0215	0.0000047	19.7	0.0000163	0.000295
2111 Sep	83.9	0.0739	0.0593	0.0018	22.8	0.0328	13.6	0.000911	0.000911	0.00000462	0.00625	0.00124	0.018	0.0214	0.0000047	19.7	0.0000162	0.000294
2111 Oct	83.9	0.0747	0.0595	0.00181	22.8	0.033	13.6	0.00091	0.00091	0.00000462	0.00626	0.00124	0.0181	0.0213	0.0000047	19.6	0.0000162	0.000293
2111 Nov	83.6	0.0751	0.0594	0.00181	22.8	0.033	13.6	0.000908	0.000908	0.00000461	0.00626	0.00123	0.0181	0.0212	0.00000469	19.5	0.0000161	0.000291
2111 Dec	84.9	0.0762	0.0603	0.00183	23.1	0.0335	13.8	0.000921	0.000921	0.00000468	0.00636	0.00125	0.0183	0.0215	0.00000476	19.8	0.0000164	0.000295
2112 Jan	86.3	0.0775	0.0613	0.00186	23.5	0.0341	14	0.000936	0.000936	0.00000475	0.00646	0.00127	0.0186	0.0218	0.00000484	20.1	0.0000166	0.0003
2112 Feb	87.3	0.0784	0.0621	0.00189	23.8	0.0345	14.2	0.000948	0.000948	0.00000481	0.00654	0.00129	0.0189	0.0221	0.0000049	20.4	0.0000168	0.000304
2112 Mar	88.1	0.0791	0.0626	0.0019	24	0.0348	14.3	0.000956	0.000956	0.00000486	0.0066	0.0013	0.019	0.0223	0.00000494	20.6	0.000017	0.000307
2112 Apr	88.9	0.0798	0.0632	0.00192	24.2	0.0351	14.4	0.000965	0.000965	0.0000049	0.00666	0.00131	0.0192	0.0225	0.00000498	20.7	0.0000171	0.000309
2112 May	87.2	0.0781	0.0618	0.00187	23.7	0.0341	14.1	0.000944	0.000944	0.00000479	0.00651	0.00129	0.0187	0.0223	0.00000487	20.5	0.0000168	0.000305
2112 Jun	83.5	0.074	0.0595	0.00179	22.7	0.0318	13.3	0.000898	0.000898	0.00000456	0.00619	0.00124	0.0176	0.0217	0.00000464	19.8	0.0000163	0.000295
2112 Jul	83.5	0.0736	0.0596	0.0018	22.7	0.0319	13.4	0.000902	0.000902	0.00000458	0.00621	0.00124	0.0177	0.0216	0.00000466	19.7	0.0000164	0.000295
2112 Aug	83.9	0.0736	0.0595	0.0018	22.8	0.0321	13.5	0.000905	0.000905	0.0000046	0.00623	0.00124	0.0178	0.0216	0.00000467	19.8	0.0000164	0.000296
2112 Sep	83.8	0.0735	0.059	0.00179	22.7	0.0323	13.5	0.000905	0.000905	0.0000046	0.00623	0.00124	0.0179	0.0215	0.00000467	19.7	0.0000163	0.000295
2112 Oct	84	0.0739	0.059	0.00179	22.8	0.0324	13.6	0.000906	0.000906	0.0000046	0.00625	0.00124	0.018	0.0215	0.00000468	19.7	0.0000163	0.000295
2112 Nov	85.3	0.0751	0.0599	0.00182	23.1	0.0329	13.8	0.00092	0.00092	0.00000467	0.00635	0.00126	0.0183	0.0218	0.00000475	20	0.0000166	0.0003
2112 Dec	86.6	0.0762	0.0607	0.00184	23.4	0.0334	14	0.000933	0.000933	0.00000474	0.00644	0.00128	0.0185	0.0221	0.00000482	20.3	0.0000168	0.000304
2113 Jan	88.2	0.0776	0.0619	0.00188	23.9	0.034	14.2	0.000951	0.000951	0.00000483	0.00656	0.0013	0.0189	0.0226	0.00000491	20.7	0.0000171	0.00031
2113 Feb	89.6	0.0789	0.0629	0.00191	24.3	0.0346	14.5	0.000966	0.000966	0.00000491	0.00667	0.00132	0.0192	0.0229	0.00000499	21	0.0000174	0.000315
2113 Mar	90.5	0.0796	0.0635	0.00193	24.5	0.0349	14.6	0.000976	0.000976	0.00000495	0.00673	0.00134	0.0194	0.0231	0.00000504	21.2	0.0000176	0.000318
2113 Apr	91.3	0.0803	0.064	0.00194	24.7	0.0352	14.7	0.000984	0.000984	0.000005	0.00679	0.00135	0.0196	0.0233	0.00000508	21.4	0.0000177	0.000321
2113 May	88.7	0.0779	0.062	0.00188	24	0.034	14.3	0.000955	0.000955	0.00000485	0.00658	0.00131	0.0189	0.0228	0.00000493	20.9	0.0000172	0.000313
2113 Jun	84.1	0.0734	0.0587	0.00177	22.7	0.0317	13.4	0.000901	0.000901	0.00000458	0.00621	0.00125	0.0177	0.022	0.00000465	20	0.0000164	0.000299
2113 Jul	84.3	0.0732	0.0586	0.00178	22.8	0.0319	13.4	0.000905	0.000905	0.0000046	0.00623	0.00125	0.0178	0.022	0.00000467	20	0.0000165	0.000299
2113 Aug	84.4	0.073	0.0583	0.00177	22.8	0.0321	13.5	0.000908	0.000908	0.00000461	0.00624	0.00126	0.0178	0.022	0.00000469	20.1	0.0000164	0.000299
2113 Sep	84.4	0.0732	0.0579	0.00177	22.8	0.0323	13.5	0.000908	0.000908	0.00000461	0.00625	0.00125	0.0179	0.0219	0.00000469	20	0.0000164	0.000299
2113 Oct	83.9	0.0741	0.0579	0.00177	22.7	0.0325	13.5	0.000905	0.000905	0.00000459	0.00625	0.00124	0.0179	0.0216	0.00000467	19.8	0.0000163	0.000296
2113 Nov	84.2	0.0748	0.0581	0.00178	22.8	0.0327	13.6	0.000908	0.000908	0.00000461	0.00629	0.00125	0.018	0.0216	0.00000469	19.9	0.0000163	0.000296
2113 Dec	85.4	0.0759	0.059	0.0018	23.1	0.0332	13.8	0.000922	0.000922	0.00000468	0.00638	0.00127	0.0182	0.022	0.00000476	20.2	0.0000166	0.000301
2114 Jan	86.8	0.0771	0.0599	0.00183	23.5	0.0337	14	0.000936	0.000936	0.00000475	0.00648	0.00129	0.0185	0.0223	0.00000483	20.5	0.0000168	0.000305
2114 Feb	88.3	0.0784	0.0609	0.00186	23.9	0.0343	14.2	0.000953	0.000953	0.00000484	0.0066	0.00131	0.0189	0.0227	0.00000492	20.8	0.0000171	0.000311
2114 Mar	89.6	0.0795	0.0618	0.00189	24.2	0.0348	14.4	0.000966	0.000966	0.00000491	0.00669	0.00133	0.0191	0.023	0.00000499	21.1	0.0000174	0.000315
2114 Apr	90.4	0.0803	0.0624	0.00191	24.5	0.0351	14.6	0.000975	0.000975	0.00000495	0.00675	0.00134	0.0193	0.0232	0.00000504	21.3	0.0000175	0.000318
2114 May	87.5	0.0775	0.0602	0.00184	23.6	0.0337	14	0.000941	0.000941	0.00000478	0.00651	0.0013	0.0185	0.0227	0.00000486	20.8	0.000017	0.000309
2114 Jun	84.5	0.0743	0.0578	0.00176	22.8	0.032	13.4	0.000905	0.000905	0.0000046	0.00626	0.00126	0.0177	0.0222	0.00000467	20.2	0.0000165	0.0003
2114 Jul	85	0.0745	0.058	0.00177	22.9	0.0323	13.5	0.000911	0.000911	0.00000463	0.0063	0.00127	0.0179	0.0223	0.0000047	20.3	0.0000166	0.000302
2114 Aug	85.5	0.0748	0.0581	0.00178	23	0.0325	13.6	0.000917	0.000917	0.00000465	0.00633	0.00127	0.018	0.0224	0.00000473	20.4	0.0000166	0.000304
2114 Sep	85.3	0.0748	0.0573	0.00176	22.9	0.0327	13.7	0.000916	0.000916	0.00000465	0.00633	0.00127	0.018	0.0223	0.00000473	20.3	0.0000166	0.000302
2114 Oct	84.9	0.0751	0.0567	0.00175	22.8	0.0328	13.6	0.000913	0.000913	0.00000463	0.00634	0.00126	0.018	0.0221	0.00000471	20.2	0.0000165	0.0003
2114 Nov	85.1	0.0759	0.0569	0.00176	22.9	0.0331	13.7	0.000915	0.000915	0.00000465	0.00637	0.00126	0.0181	0.022	0.00000473	20.2	0.0000165	0.0003
2114 Dec	86.7	0.0774	0.058	0.00179	23.3	0.0337	13.9	0.000933	0.000933	0.00000474	0.0065	0.00129	0.0184	0.0225	0.00000482	20.6	0.0000168	0.000306
2115 Jan	87.8	0.0783	0.0587	0.00181	23.6	0.0341	14.1	0.000944	0.000944	0.00000479	0.00657	0.0013	0.0187	0.0227	0.00000488	20.8	0.000017	0.00031
2115 Feb	89.3	0.0797	0.0597	0.00184	24	0.0347	14.4	0.000961	0.000961	0.00000488	0.00669	0.00133	0.019	0.0231	0.00000496	21.2	0.0000173	0.000315
2115 Mar	90.4	0.0807	0.0605	0.00187	24.3	0.0352	14.5	0.000973	0.000973	0.00000494	0.00677	0.00134	0.0192	0.0234	0.00000502	21.5	0.0000176	0.000319
2115 Apr	91.3	0.0815	0.061	0.00189	24.5	0.0355	14.7	0.000982	0.000982	0.00000499	0.00684	0.00136	0.0194	0.0237	0.00000507	21.7	0.0000177	0.000322
2115 May	87.1	0.0775	0.0581	0.00179	23.4	0.0335	13.9	0.000935	0.000935	0.00000474	0.0065	0.0013	0.0184	0.0228	0.00000482	20.8	0.0000169	0.000309
2115 Jun	84.9	0.0753	0.0564	0.00174	22.8	0.0324	13.5	0.000909	0.000909	0.00000461	0.00631	0.00127	0.0178	0.0224	0.00000469	20.4	0.0000165	0.000303
2115 Jul	85.2	0.0753	0.0564	0.00174	22.9	0.0326	13.6	0.000914	0.000914	0.00000464	0.00634	0.00128	0.0179	0.0225	0.00000472	20.5	0.0000166	0.000304
2115 Aug	84.9	0.0744	0.0556	0.00173	22.8	0.0328	13.6	0.000913	0.000913	0.00000464	0.00632	0.00127	0.0179	0.0223	0.00000471	20.4	0.0000164	0.000302
2115 Sep	84.9	0.0744	0.0554	0.00173	22.8	0.033	13.6	0.000914	0.000914	0.00000464	0.00631	0.00127	0.0179	0.0222	0.00000472	20.3	0.0000163	0.000301

Appendix C.2-21: PUMP01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2115 Oct	84.9	0.0745	0.0553	0.00172	22.8	0.033	13.6	0.000914	0.000914	0.00000464	0.00632	0.00127	0.018	0.0222	0.00000472	20.3	0.0000163	0.000301
2115 Nov	84.8	0.0748	0.0553	0.00173	22.7	0.0331	13.6	0.000913	0.000913	0.00000464	0.00632	0.00127	0.018	0.0221	0.00000471	20.2	0.0000163	0.0003
2115 Dec	85.7	0.0756	0.0559	0.00174	23	0.0335	13.8	0.000922	0.000922	0.00000468	0.00639	0.00128	0.0182	0.0223	0.00000476	20.4	0.0000164	0.000303
2116 Jan	86.9	0.0767	0.0567	0.00177	23.3	0.034	14	0.000936	0.000936	0.00000475	0.00648	0.0013	0.0185	0.0227	0.00000483	20.7	0.0000167	0.000308
2116 Feb	88.1	0.0777	0.0574	0.00179	23.6	0.0344	14.2	0.000948	0.000948	0.00000481	0.00657	0.00132	0.0187	0.023	0.0000049	21	0.0000169	0.000312
2116 Mar	89.2	0.0787	0.0582	0.00182	23.9	0.0348	14.3	0.000961	0.000961	0.00000488	0.00665	0.00133	0.0189	0.0233	0.00000496	21.3	0.0000171	0.000316
2116 Apr	90.1	0.0795	0.0588	0.00183	24.2	0.0352	14.5	0.00097	0.00097	0.00000493	0.00672	0.00135	0.0191	0.0235	0.00000501	21.5	0.0000173	0.000319
2116 May	88.3	0.0778	0.0574	0.00179	23.6	0.0342	14.1	0.000949	0.000949	0.00000482	0.00657	0.00132	0.0186	0.0232	0.0000049	21.2	0.000017	0.000313
2116 Jun	85.2	0.0743	0.0558	0.00172	22.8	0.0322	13.5	0.00091	0.00091	0.00000462	0.00629	0.00128	0.0177	0.0227	0.0000047	20.6	0.0000165	0.000305
2116 Jul	85.5	0.0743	0.056	0.00173	22.9	0.0324	13.6	0.000916	0.000916	0.00000465	0.00633	0.00128	0.0179	0.0227	0.00000473	20.6	0.0000166	0.000306
2116 Aug	85.9	0.0745	0.056	0.00174	23	0.0326	13.6	0.00092	0.00092	0.00000467	0.00636	0.00129	0.018	0.0228	0.00000475	20.7	0.0000167	0.000308
2116 Sep	85.6	0.0746	0.0553	0.00172	22.9	0.0328	13.6	0.000918	0.000918	0.00000466	0.00636	0.00128	0.018	0.0226	0.00000474	20.6	0.0000166	0.000306
2116 Oct	85.2	0.0754	0.055	0.00172	22.8	0.033	13.6	0.000917	0.000917	0.00000465	0.00638	0.00128	0.018	0.0224	0.00000473	20.4	0.0000165	0.000303
2116 Nov	86.3	0.0765	0.0557	0.00174	23.1	0.0335	13.8	0.000928	0.000928	0.00000471	0.00647	0.00129	0.0182	0.0226	0.00000479	20.7	0.0000167	0.000307
2116 Dec	88	0.0781	0.0569	0.00178	23.6	0.0342	14.1	0.000948	0.000948	0.00000481	0.0066	0.00132	0.0186	0.0231	0.00000489	21.1	0.0000171	0.000313
2117 Jan	89.6	0.0794	0.0578	0.00181	24	0.0348	14.3	0.000964	0.000964	0.00000489	0.00671	0.00134	0.0189	0.0235	0.00000497	21.5	0.0000174	0.000319
2117 Feb	91	0.0807	0.0588	0.00184	24.3	0.0353	14.5	0.00098	0.00098	0.00000497	0.00682	0.00136	0.0192	0.0239	0.00000506	21.8	0.0000176	0.000324
2117 Mar	92	0.0816	0.0595	0.00186	24.6	0.0357	14.7	0.000991	0.000991	0.00000503	0.0069	0.00138	0.0194	0.0242	0.00000511	22.1	0.0000178	0.000327
2117 Apr	92.8	0.0823	0.0599	0.00187	24.8	0.036	14.8	0.000999	0.000999	0.00000507	0.00695	0.00139	0.0196	0.0243	0.00000515	22.2	0.000018	0.00033
2117 May	90	0.0796	0.0579	0.00181	24.1	0.0347	14.3	0.000967	0.000967	0.00000491	0.00673	0.00135	0.0189	0.0238	0.00000499	21.7	0.0000175	0.000321
2117 Jun	85.5	0.0753	0.0549	0.00171	22.9	0.0326	13.5	0.000917	0.000917	0.00000465	0.00637	0.00129	0.0178	0.0228	0.00000473	20.7	0.0000167	0.000307
2117 Jul	85.9	0.0754	0.055	0.00172	22.9	0.0328	13.6	0.000922	0.000922	0.00000468	0.00641	0.0013	0.0179	0.0229	0.00000476	20.8	0.0000167	0.000308
2117 Aug	86.1	0.0753	0.0548	0.00172	23	0.033	13.6	0.000925	0.000925	0.0000047	0.00642	0.0013	0.018	0.0229	0.00000477	20.9	0.0000167	0.000309
2117 Sep	86.3	0.0755	0.0546	0.00172	23	0.0332	13.7	0.000927	0.000927	0.0000047	0.00643	0.0013	0.018	0.0229	0.00000478	20.9	0.0000167	0.000309
2117 Oct	86	0.0755	0.0541	0.00171	22.9	0.0332	13.7	0.000925	0.000925	0.00000469	0.00643	0.0013	0.018	0.0228	0.00000477	20.8	0.0000167	0.000308
2117 Nov	86.4	0.076	0.0542	0.00171	23	0.0334	13.7	0.00093	0.00093	0.00000472	0.00647	0.0013	0.0181	0.0229	0.0000048	20.9	0.0000168	0.000309
2117 Dec	87.5	0.077	0.0549	0.00174	23.3	0.0338	13.9	0.000941	0.000941	0.00000478	0.00655	0.00132	0.0183	0.0232	0.00000486	21.1	0.000017	0.000313
2118 Jan	89.1	0.0784	0.0559	0.00177	23.8	0.0345	14.2	0.000959	0.000959	0.00000486	0.00667	0.00134	0.0187	0.0236	0.00000495	21.5	0.0000173	0.000319
2118 Feb	90.6	0.0797	0.0569	0.0018	24.2	0.035	14.4	0.000975	0.000975	0.00000495	0.00679	0.00137	0.019	0.0241	0.00000503	21.9	0.0000176	0.000325
2118 Mar	91.9	0.0808	0.0577	0.00182	24.5	0.0355	14.6	0.000988	0.000988	0.00000502	0.00688	0.00138	0.0193	0.0244	0.0000051	22.2	0.0000178	0.000329
2118 Apr	92.4	0.0813	0.0579	0.00183	24.6	0.0357	14.7	0.000993	0.000993	0.00000504	0.00692	0.00139	0.0194	0.0245	0.00000513	22.3	0.0000179	0.000331
2118 May	88.6	0.0777	0.0554	0.00174	23.6	0.0337	13.9	0.000949	0.000949	0.00000481	0.00659	0.00134	0.0183	0.0239	0.00000489	21.7	0.0000172	0.00032
2118 Jun	86.6	0.0754	0.0546	0.0017	23.1	0.0323	13.5	0.000921	0.000921	0.00000467	0.00639	0.00131	0.0177	0.0236	0.00000475	21.3	0.0000169	0.000315
2118 Jul	87.1	0.0756	0.0547	0.00171	23.2	0.0325	13.6	0.000928	0.000928	0.00000471	0.00643	0.00132	0.0178	0.0237	0.00000478	21.4	0.000017	0.000317
2118 Aug	86.9	0.0751	0.0541	0.0017	23.2	0.0327	13.6	0.000928	0.000928	0.00000471	0.00642	0.00132	0.0178	0.0236	0.00000479	21.3	0.0000168	0.000316
2118 Sep	86.4	0.0755	0.0537	0.0017	23.1	0.033	13.6	0.000925	0.000925	0.00000469	0.00642	0.00131	0.0179	0.0233	0.00000477	21.1	0.0000167	0.000313
2118 Oct	85.5	0.0756	0.0534	0.00168	22.8	0.0329	13.5	0.000916	0.000916	0.00000465	0.00638	0.00129	0.0178	0.0229	0.00000473	20.8	0.0000165	0.000308
2118 Nov	85.2	0.0756	0.0533	0.00168	22.8	0.0329	13.4	0.000914	0.000914	0.00000464	0.00637	0.00129	0.0177	0.0228	0.00000471	20.7	0.0000165	0.000307
2118 Dec	86.7	0.0769	0.0542	0.00171	23.2	0.0334	13.7	0.000929	0.000929	0.00000472	0.00648	0.00131	0.018	0.0232	0.00000479	21.1	0.0000167	0.000312
2119 Jan	88	0.078	0.055	0.00173	23.5	0.0339	13.9	0.000943	0.000943	0.00000479	0.00657	0.00133	0.0183	0.0236	0.00000487	21.4	0.000017	0.000316
2119 Feb	89.2	0.0791	0.0558	0.00176	23.8	0.0344	14.1	0.000957	0.000957	0.00000486	0.00667	0.00135	0.0186	0.0239	0.00000494	21.7	0.0000172	0.000321
2119 Mar	90.2	0.08	0.0564	0.00178	24.1	0.0348	14.2	0.000967	0.000967	0.00000491	0.00674	0.00136	0.0188	0.0241	0.00000499	21.9	0.0000174	0.000324
2119 Apr	90	0.0798	0.0561	0.00177	24	0.0346	14.2	0.000963	0.000963	0.00000489	0.00671	0.00136	0.0187	0.0242	0.00000497	22	0.0000173	0.000324
2119 May	85.5	0.0756	0.0531	0.00166	22.9	0.0319	13.2	0.000903	0.000903	0.00000458	0.00627	0.0013	0.0173	0.0236	0.00000466	21.3	0.0000164	0.000312
2119 Jun	85.5	0.0751	0.0532	0.00166	22.9	0.0317	13.2	0.000902	0.000902	0.00000458	0.00626	0.0013	0.0173	0.0236	0.00000465	21.3	0.0000165	0.000312
2119 Jul	85.9	0.0751	0.0533	0.00166	22.9	0.0319	13.3	0.000908	0.000908	0.00000461	0.0063	0.00131	0.0174	0.0237	0.00000468	21.3	0.0000166	0.000314
2119 Aug	86.1	0.075	0.0529	0.00166	23	0.0321	13.4	0.000911	0.000911	0.00000462	0.00632	0.00131	0.0175	0.0237	0.0000047	21.3	0.0000166	0.000314
2119 Sep	85.8	0.0749	0.0523	0.00165	22.9	0.0323	13.4	0.00091	0.00091	0.00000462	0.00631	0.00131	0.0175	0.0235	0.00000469	21.2	0.0000164	0.000313
2119 Oct	85.7	0.0755	0.0524	0.00165	22.9	0.0325	13.4	0.00091	0.00091	0.00000462	0.00633	0.0013	0.0176	0.0233	0.00000469	21.1	0.0000164	0.000311
2119 Nov	86.7	0.0767	0.0531	0.00168	23.2	0.033	13.6	0.000921	0.000921	0.00000467	0.00641	0.00132	0.0178	0.0236	0.00000475	21.3	0.0000166	0.000315
2119 Dec	88.3	0.0781	0.0541	0.00171	23.6	0.0336	13.8	0.000938	0.000938	0.00000476	0.00653	0.00134	0.0181	0.024	0.00000484	21.8	0.0000169	0.00032

Appendix C.2-21: PUMP01

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000129	0.000891	0.0468	0.00000872	3.89	5.63	0.0412	0.00141	82.8	0.00277	0.0109	0.0000351	0.000416	0.000143	0.224	0.00000667	0.000796	0.000469	0.00168	0.000743
Operation (2024-2031): Mean	0.000933	0.00759	0.139	0.0000268	18	61.1	0.266	0.00886	600	0.0236	0.0405	0.000103	0.00375	0.00149	1.22	0.0000304	0.00397	0.00241	0.00572	0.00548
Operation (2024-2031): Max	0.00234	0.0191	0.384	0.0000809	54.8	150	0.697	0.0252	1630	0.0599	0.124	0.000478	0.00895	0.00366	3.42	0.0000948	0.0124	0.00614	0.0147	0.0151
Active Closure (2032-2038): Min	0.00021	0.00154	0.0695	0.00000997	3.17	9.51	0.052	0.00105	58.3	0.00369	0.00884	0.0000976	0.000556	0.000244	0.142	0.00000199	0.000725	0.000614	0.00177	0.000827
Active Closure (2032-2038): Mean	0.000427	0.00295	0.109	0.0000143	6.17	21.9	0.1	0.0026	176	0.00833	0.0142	0.000224	0.00133	0.000545	0.332	0.00000589	0.00148	0.00106	0.00278	0.00191
Active Closure (2032-2038): Max	0.00295	0.0244	0.37	0.0000676	45.8	202	0.803	0.025	1790	0.0758	0.0985	0.000279	0.0126	0.00493	3.39	0.0000706	0.0101	0.00741	0.0172	0.0163
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000181	0.00097	0.0769	0.00000786	1.64	3.3	0.03	0.000373	9.73	0.00155	0.00789	0.000158	0.000188	0.0000939	0.0863	0.00000182	0.000176	0.000445	0.00143	0.000322
Post Closure (2039-2119): Mean	0.000267	0.00109	0.109	0.00000901	1.89	4.28	0.0439	0.000472	16.3	0.00193	0.00908	0.000297	0.000265	0.000121	0.105	0.00000197	0.000255	0.000587	0.00159	0.000396
Post Closure (2039-2119): Max	0.00034	0.00175	0.138	0.0000113	3.59	10.8	0.0637	0.00119	66	0.00418	0.0103	0.000405	0.00063	0.000276	0.161	0.00000229	0.000821	0.000747	0.002	0.000936
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun	0.000129	0.000891	0.0502	0.00000872	3.89	5.63	0.0412	0.00141	82.8	0.00277	0.0118	0.0000704	0.000416	0.000143	0.224	0.00000835	0.000796	0.000533	0.00168	0.000743
2025 Jul	0.000198	0.00151	0.0824	0.0000125	5.75	8.47	0.0579	0.00214	122	0.00401	0.0171	0.000115	0.000474	0.000212	0.333	0.0000121	0.00117	0.000469	0.00168	0.0011
2025 Aug	0.000348	0.00269	0.0539	0.0000177	14.4	21.2	0.138	0.00571	335	0.00952	0.0318	0.00007	0.00118	0.000514	0.83	0.0000303	0.00318	0.00103	0.0025	0.00305
2025 Sep	0.000348	0.00266	0.0607	0.0000174	13.7	20.3	0.131	0.00553	317	0.00908	0.0318	0.0000499	0.0011	0.000486	0.795	0.0000287	0.00302	0.00103	0.00242	0.00288
2025 Oct	0.000306	0.00234	0.0723	0.0000159	11	16.2	0.104	0.00446	248	0.00731	0.0279	0.0000435	0.000864	0.000386	0.639	0.0000229	0.00238	0.000864	0.00215	0.00224
2025 Nov	0.000324	0.00247	0.0792	0.0000169	11.5	17	0.109	0.00468	259	0.00765	0.0296	0.0000462	0.000901	0.000403	0.669	0.000024	0.00248	0.000909	0.00228	0.00234
2025 Dec	0.000388	0.00296	0.0947	0.0000203	13.7	20.3	0.13	0.0056	310	0.00915	0.0354	0.0000552	0.00108	0.000482	0.8	0.0000287	0.00297	0.00109	0.00273	0.0028
2026 Jan	0.000482	0.00367	0.118	0.0000251	17.1	25.2	0.161	0.00695	384	0.0114	0.0439	0.0000685	0.00134	0.000599	0.993	0.0000356	0.00368	0.00135	0.00339	0.00347
2026 Feb	0.000582	0.00444	0.142	0.0000304	20.6	30.5	0.195	0.0084	465	0.0137	0.0531	0.0000829	0.00162	0.000724	1.2	0.000043	0.00445	0.00163	0.00409	0.0042
2026 Mar	0.000704	0.00537	0.172	0.0000367	24.9	36.9	0.236	0.0102	562	0.0166	0.0642	0.0001	0.00196	0.000875	1.45	0.000052	0.00538	0.00197	0.00495	0.00507
2026 Apr	0.000824	0.00629	0.201	0.000043	29.1	43.2	0.276	0.0119	657	0.0194	0.0751	0.000117	0.00229	0.00103	1.7	0.0000608	0.00629	0.00231	0.00579	0.00593
2026 May	0.000941	0.00715	0.224	0.0000474	32.2	49.6	0.312	0.0132	737	0.0221	0.0826	0.000144	0.00266	0.00118	1.89	0.0000668	0.00696	0.00262	0.00651	0.00665
2026 Jun	0.000411	0.00277	0.0876	0.0000126	7.06	21.5	0.112	0.00317	215	0.00858	0.0179	0.000186	0.0014	0.000532	0.477	0.0000128	0.00147	0.00117	0.00283	0.00194
2026 Jul	0.000575	0.00454	0.072	0.0000134	9.49	38.6	0.165	0.00482	356	0.0147	0.0192	0.00013	0.00249	0.000951	0.685	0.0000155	0.00209	0.00156	0.00364	0.00324
2026 Aug	0.00091	0.00768	0.0468	0.0000139	13.1	69.2	0.262	0.00757	592	0.0254	0.0199	0.0000577	0.00444	0.0017	1.02	0.0000183	0.00301	0.00233	0.00504	0.00541
2026 Sep	0.00111	0.00941	0.051	0.0000135	13.7	85.4	0.31	0.00854	694	0.0309	0.0188	0.0000606	0.00552	0.0021	1.14	0.0000167	0.00318	0.00283	0.00595	0.00635
2026 Oct	0.000806	0.00674	0.096	0.0000159	10.2	56.4	0.21	0.00612	461	0.0207	0.0212	0.0000535	0.00357	0.00138	0.817	0.0000136	0.00226	0.00198	0.0046	0.00419
2026 Nov	0.00104	0.00872	0.126	0.0000208	13.2	72.7	0.271	0.0079	594	0.0268	0.0277	0.0000694	0.0046	0.00178	1.06	0.0000176	0.00291	0.00256	0.00597	0.00541
2026 Dec	0.00104	0.00872	0.126	0.0000208	13.2	72.7	0.271	0.0079	594	0.0268	0.0277	0.0000694	0.0046	0.00178	1.06	0.0000176	0.00291	0.00256	0.00597	0.00541
2027 Jan	0.00104	0.00872	0.126	0.0000208	13.2	72.7	0.271	0.0079	594	0.0268	0.0277	0.0000694	0.0046	0.00178	1.06	0.0000176	0.00291	0.00256	0.00597	0.00541
2027 Feb	0.00104	0.00872	0.126	0.0000208	13.2	72.7	0.271	0.0079	594	0.0268	0.0277	0.0000694	0.0046	0.00178	1.06	0.0000176	0.00291	0.00256	0.00597	0.00541
2027 Mar	0.00104	0.00872	0.126	0.0000208	13.2	72.7	0.271	0.0079	594	0.0268	0.0277	0.0000694	0.0046	0.00178	1.06	0.0000176	0.00291	0.00256	0.00597	0.00541
2027 Apr	0.00104	0.00872	0.126	0.0000208	13.2	72.7	0.271	0.0079	594	0.0268	0.0277	0.0000694	0.0046	0.00178	1.06	0.0000176	0.00291	0.00256	0.00597	0.00541
2027 May	0.00104	0.00847	0.124	0.0000194	12.5	71.1	0.267	0.00756	576	0.0261	0.0255	0.000113	0.00451	0.00174	1.02	0.0000163	0.00276	0.00253	0.00578	0.00524
2027 Jun	0.000532	0.00418	0.071	0.0000129	8.27	35.7	0.151	0.00424	320	0.0136	0.0173	0.000123	0.00237	0.000882	0.605	0.0000132	0.00181	0.00156	0.00378	0.00291
2027 Jul	0.000554	0.00458	0.0681	0.0000139	9.79	38.8	0.163	0.00493	364	0.0148	0.0197	0.0000982	0.0025	0.000957	0.696	0.0000162	0.00218	0.0015	0.00363	0.00331
2027 Aug	0.000909	0.00765	0.0498	0.0000147	13.7	68.8	0.265	0.00775	599	0.0254	0.0215	0.0000654	0.00441	0.00169	1.05	0.0000199	0.00315	0.00234	0.00508	0.00548
2027 Sep	0.00101	0.0086	0.0587	0.0000126	11.3	77.1	0.274	0.00738	606	0.0278	0.0159	0.0000541	0.00499	0.00189	0.978	0.0000125	0.00261	0.00253	0.00546	0.00554
2027 Oct	0.000687	0.00567	0.07	0.0000157	12.5	48.2	0.2	0.00644	456	0.0183	0.025	0.0000532	0.00301	0.00118	0.883	0.0000206	0.00279	0.00179	0.00398	0.00416
2027 Nov	0.00058	0.00474	0.0765	0.000016	11.7	38.8	0.17	0.00576	388	0.015	0.0257	0.0000505	0.00237	0.000943	0.795	0.0000205	0.00259	0.00152	0.00349	0.00353
2027 Dec	0.000869	0.00709	0.115	0.0000241	17.6	58	0.255	0.00865	582	0.0225	0.0388	0.000076	0.00355	0.00141	1.19	0.0000309	0.00389	0.00227	0.00523	0.00529
2028 Jan	0.00164	0.0134	0.217	0.0000455	33.2	109	0.48	0.0163	1100	0.0423	0.0731	0.000143	0.00668	0.00265	2.25	0.0000581	0.00733	0.00428	0.00984	0.00997
2028 Feb	0.0021	0.0171	0.278	0.0000583	42.5	140	0.615	0.0209	1410	0.0543	0.0938	0.000184	0.00857	0.0034	2.89	0.0000746	0.0094	0.00549	0.0126	0.0128
2028 Mar	0.0021	0.0171	0.278	0.0000583	42.5	140	0.615	0.0209	1410	0.0543	0.0938	0.000184	0.00857	0.0034	2.89	0.0000746	0.0094	0.00549	0.0126	0.0128

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Apr	0.0021	0.0171	0.278	0.0000583	42.5	140	0.615	0.0209	1410	0.0543	0.0938	0.000184	0.00857	0.0034	2.89	0.0000746	0.0094	0.00549	0.0126	0.0128
2028 May	0.0021	0.0172	0.278	0.0000582	42.6	141	0.617	0.0209	1410	0.0544	0.0937	0.000184	0.0086	0.00342	2.89	0.0000746	0.00941	0.0055	0.0126	0.0128
2028 Jun	0.000538	0.00433	0.074	0.0000146	9.33	36.4	0.156	0.00466	340	0.014	0.0202	0.0000976	0.0024	0.000899	0.661	0.0000156	0.00205	0.00159	0.00392	0.0031
2028 Jul	0.00048	0.00396	0.0737	0.0000135	8.33	32.6	0.138	0.00414	303	0.0125	0.0181	0.000101	0.0021	0.000805	0.59	0.0000139	0.00182	0.00128	0.00328	0.00276
2028 Aug	0.000796	0.00668	0.0555	0.0000146	12.7	59.2	0.234	0.00694	528	0.0221	0.0215	0.0000754	0.00378	0.00146	0.952	0.0000194	0.0029	0.00207	0.00459	0.00483
2028 Sep	0.000862	0.00723	0.0569	0.0000145	13.1	64.1	0.248	0.00735	560	0.0237	0.0219	0.0000574	0.00409	0.00157	0.996	0.0000191	0.00298	0.00223	0.0048	0.00512
2028 Oct	0.000444	0.00367	0.086	0.0000124	5.92	27.9	0.108	0.00336	232	0.0105	0.0162	0.0000351	0.00172	0.00068	0.451	0.00000865	0.00124	0.00105	0.00271	0.00209
2028 Nov	0.000403	0.00328	0.101	0.000014	5.84	23	0.0936	0.00313	198	0.00885	0.0185	0.0000365	0.00137	0.000557	0.422	0.00000932	0.00118	0.000932	0.00258	0.00178
2028 Dec	0.000561	0.00456	0.141	0.0000194	8.13	32	0.13	0.00436	276	0.0123	0.0257	0.0000508	0.00191	0.000776	0.588	0.000013	0.00165	0.0013	0.00359	0.00248
2029 Jan	0.00101	0.00825	0.255	0.0000351	14.7	57.8	0.236	0.00787	499	0.0223	0.0465	0.0000918	0.00345	0.0014	1.06	0.0000234	0.00298	0.00234	0.00649	0.00448
2029 Feb	0.00147	0.012	0.37	0.000051	21.3	83.9	0.342	0.0114	725	0.0323	0.0675	0.000133	0.00501	0.00204	1.54	0.000034	0.00433	0.00341	0.00943	0.0065
2029 Mar	0.00147	0.012	0.37	0.000051	21.3	83.9	0.342	0.0114	725	0.0323	0.0675	0.000133	0.00501	0.00204	1.54	0.000034	0.00433	0.00341	0.00943	0.0065
2029 Apr	0.00147	0.012	0.37	0.000051	21.3	83.9	0.342	0.0114	725	0.0323	0.0675	0.000133	0.00501	0.00204	1.54	0.000034	0.00433	0.00341	0.00943	0.0065
2029 May	0.00148	0.0121	0.358	0.0000494	21	85.7	0.346	0.0114	733	0.0329	0.0652	0.000134	0.00515	0.00208	1.53	0.0000329	0.00427	0.00343	0.00939	0.00658
2029 Jun	0.00106	0.00903	0.0668	0.0000122	9.59	81.5	0.279	0.00685	605	0.0291	0.0109	0.0000946	0.00539	0.00201	0.892	0.00000667	0.0023	0.00273	0.00605	0.00558
2029 Jul	0.000406	0.00349	0.062	0.0000173	11.1	29.1	0.134	0.00454	335	0.0119	0.0191	0.0000907	0.00185	0.000742	0.569	0.0000145	0.00284	0.00124	0.00314	0.0033
2029 Aug	0.000651	0.00576	0.0495	0.0000192	14.4	50.7	0.204	0.00666	513	0.0196	0.0197	0.0000522	0.00316	0.00128	0.802	0.0000159	0.00377	0.0017	0.0039	0.00502
2029 Sep	0.000735	0.00647	0.0554	0.0000186	14.3	56.9	0.22	0.00697	545	0.0216	0.0195	0.0000475	0.00357	0.00143	0.838	0.0000148	0.00374	0.00192	0.00423	0.00531
2029 Oct	0.000544	0.00459	0.0664	0.0000159	11.4	38.2	0.161	0.00544	385	0.0148	0.0217	0.0000441	0.00235	0.000943	0.706	0.0000166	0.00272	0.00142	0.00326	0.00363
2029 Nov	0.000468	0.00382	0.0774	0.0000163	11	30	0.14	0.00506	328	0.012	0.025	0.0000456	0.00179	0.000731	0.687	0.0000191	0.00249	0.00123	0.00294	0.00302
2029 Dec	0.000587	0.00479	0.0965	0.0000204	13.8	37.6	0.175	0.00633	410	0.015	0.0312	0.000057	0.00225	0.000918	0.859	0.0000238	0.00311	0.00154	0.00368	0.00379
2030 Jan	0.00078	0.00637	0.128	0.000027	18.3	50	0.233	0.00841	545	0.02	0.0414	0.0000758	0.00298	0.00122	1.14	0.0000317	0.00413	0.00205	0.00489	0.00503
2030 Feb	0.00104	0.00851	0.171	0.0000361	24.4	66.9	0.311	0.0112	729	0.0267	0.0554	0.000101	0.00399	0.00163	1.52	0.0000423	0.00552	0.00274	0.00654	0.00673
2030 Mar	0.00134	0.011	0.221	0.0000465	31.5	86.1	0.4	0.0145	939	0.0344	0.0713	0.00013	0.00514	0.0021	1.96	0.0000545	0.00711	0.00353	0.00842	0.00866
2030 Apr	0.00182	0.0149	0.3	0.0000633	42.8	117	0.545	0.0197	1280	0.0467	0.097	0.000177	0.00698	0.00285	2.67	0.0000742	0.00966	0.0048	0.0114	0.0118
2030 May	0.00234	0.0191	0.384	0.0000809	54.8	150	0.697	0.0252	1630	0.0599	0.124	0.000227	0.00895	0.00366	3.42	0.0000948	0.0124	0.00614	0.0147	0.0151
2030 Jun	0.000494	0.00399	0.0787	0.0000144	8.32	32.8	0.139	0.00415	302	0.0127	0.019	0.0000923	0.00216	0.000811	0.584	0.0000134	0.00183	0.00145	0.00369	0.00276
2030 Jul	0.000646	0.00537	0.0628	0.0000134	10.1	46.7	0.187	0.00543	415	0.0175	0.0187	0.0000932	0.00303	0.00115	0.757	0.0000156	0.00228	0.00174	0.00405	0.00379
2030 Aug	0.000828	0.00695	0.0533	0.0000148	13.2	61.9	0.243	0.00724	551	0.023	0.0219	0.0000715	0.00395	0.00152	0.991	0.00002	0.00302	0.00213	0.0047	0.00504
2030 Sep	0.000974	0.00819	0.0502	0.0000151	14.7	73.8	0.284	0.00834	644	0.0272	0.023	0.0000627	0.00472	0.00181	1.13	0.0000213	0.00339	0.00253	0.00537	0.00589
2030 Oct	0.000526	0.0043	0.0668	0.0000145	10.9	35.4	0.156	0.00532	358	0.0137	0.0236	0.0000462	0.00217	0.00086	0.736	0.0000192	0.00242	0.00138	0.00316	0.00326
2030 Nov	0.000472	0.00378	0.0808	0.0000166	11.4	29.3	0.142	0.00524	329	0.0118	0.0273	0.0000487	0.00174	0.000709	0.732	0.0000215	0.0025	0.00125	0.00299	0.00298
2030 Dec	0.000673	0.00539	0.115	0.0000236	16.3	41.9	0.203	0.00747	469	0.0168	0.039	0.0000695	0.00248	0.00101	1.04	0.0000307	0.00356	0.00178	0.00426	0.00425
2031 Jan	0.00102	0.00819	0.175	0.0000358	24.7	63.5	0.308	0.0113	711	0.0255	0.0591	0.000105	0.00376	0.00153	1.58	0.0000466	0.0054	0.00271	0.00646	0.00645
2031 Feb	0.00177	0.0142	0.303	0.0000621	42.8	110	0.534	0.0196	1230	0.0442	0.102	0.000183	0.00651	0.00266	2.74	0.0000807	0.00935	0.00469	0.0112	0.0112
2031 Mar	0.00205	0.0164	0.35	0.0000718	49.6	127	0.618	0.0227	1430	0.0512	0.119	0.000211	0.00753	0.00308	3.17	0.0000934	0.0108	0.00543	0.013	0.0129
2031 Apr	0.00205	0.0164	0.35	0.0000718	49.6	127	0.618	0.0227	1430	0.0512	0.119	0.000211	0.00754	0.00308	3.17	0.0000934	0.0108	0.00543	0.013	0.0129
2031 May	0.00155	0.0117	0.278	0.0000508	34.6	90.6	0.453	0.0158	998	0.0363	0.083	0.000326	0.00538	0.00219	2.24	0.0000646	0.00751	0.00404	0.00932	0.00905
2031 Jun	0.000687	0.00378	0.137	0.0000126	7.8	30.4	0.167	0.00366	267	0.0115	0.0179	0.000478	0.00192	0.000753	0.577	0.0000121	0.00158	0.00167	0.00323	0.0024
2031 Jul	0.000796	0.00598	0.089	0.0000142	11.2	51.9	0.22	0.00597	456	0.0194	0.0205	0.000234	0.00333	0.00128	0.848	0.0000169	0.00249	0.00204	0.00435	0.00416
2031 Aug	0.001	0.00849	0.051	0.0000136	12.7	76.6	0.281	0.00779	628	0.0279	0.018	0.0000637	0.00495	0.00189	1.05	0.0000161	0.00294	0.00253	0.00548	0.00575
2031 Sep	0.00115	0.00985	0.0568	0.0000122	11.5	89.2	0.308	0.00804	681	0.0319	0.0141	0.0000569	0.0058	0.00219	1.06	0.000011	0.0027	0.00288	0.00613	0.00623
2031 Oct	0.000637	0.0053	0.073	0.0000136	9.52	44.4	0.174	0.00531	387	0.0166	0.0196	0.0000455	0.00279	0.00109	0.717	0.0000143	0.00212	0.0016	0.00367	0.00353
2031 Nov	0.000728	0.00603	0.0915	0.0000167	11.3	49.9	0.198	0.00618	443	0.0187	0.0244	0.0000543	0.00312	0.00122	0.838	0.0000175	0.0025	0.00183	0.00425	0.00403
2031 Dec	0.00103	0.0085	0.129	0.0000235	15.9	70.3	0.279	0.0087	623	0.0264	0.0343	0.0000764	0.0044	0.00172	1.18	0.0000246	0.00352	0.00258	0.00598	0.00567
2032 Jan	0.00159	0.0132	0.2	0.0000364	24.7	109	0.433	0.0135	965	0.0409	0.0531	0.000118	0.00681	0.00266	1.83	0.0000381	0.00545	0.00399	0.00926	0.00878
2032 Feb	0.00275	0.0228	0.346	0.0000632	42.8	189	0.751	0.0234	1680	0.0709	0.0921	0.000205	0.0118	0.00461	3.17	0.0000661	0.00945	0.00693	0.0161	0.0152
2032 Mar	0.00295	0.0244	0.37	0.0000676	45.8	202	0.803	0.025	1790	0.0758	0.0985	0.00022	0.0126	0.00493	3.39	0.0000706	0.0101	0.00741	0.0172	0.0163
2032 Apr	0.00295	0.0244	0.37	0.0000676	45.8	202	0.803	0.025	1790	0.0758	0.0985	0.00022	0.0126	0.00493	3.39	0.0000706	0.0101	0.00741	0.0172	0.0163
2032 May	0.00276	0.0227	0.35	0.0000632	42.7	188	0.749	0.0232	1670	0.0706	0.0911	0.000242	0.0118	0.00459	3.14	0.000065	0.00947	0.00692	0.016	0.0152
2032 Jun	0.000353	0.00246	0.0965	0.000013	5.02	18.5	0.0855	0.00213	155	0.00716	0.0126	0.000185	0.0012	0.000463	0.285	0.00000529	0.00118	0.001	0.00273	0.00157
2032 Jul	0.000213	0.0017	0.0766	0.0000125	4.34	12.3	0.0541	0.0015	110	0.00491	0.00977	0.000117	0.000793	0.000313	0.163	0.00000291	0.00117	0.000689	0.00225	0.00126
2032 Aug	0.000213	0.00175	0.0731	0.0000123	4.4	12.7	0.0537	0.00154	112	0.00501	0.00947	0.000107	0.000794	0.000322	0.163	0.00000278	0.00119	0.00065	0.00217	0.00129
2032 Sep	0.000211	0.00175	0.0704	0.000012	4.37	12.6	0.0526	0.00153	111	0.00496	0.00929	0.0001	0.00078	0.00032	0.16	0.00000272	0.00118	0.000625	0.00211	0.00128
2032 Oct	0.00021	0.00174	0.0695	0.0000119	4.35	12.5	0.052	0.00152	110	0.00492	0.00924	0.0000979	0.000771	0.000318	0.159	0.0000027	0.00117	0.000614	0.00209	0.00127
2032 Nov	0.000213	0.00177	0.0699	0.0000119	4.4	12.8	0.0528	0.00155	112	0.00501	0.0093	0.0000976	0.000786	0.000324	0.162	0.0000027	0.00119	0.000621	0.0021	0.00129
2032 Dec	0.00022	0.00183	0.0716	0.0000122	4.51	13.2	0.0543	0.0016	115	0.00517	0.00952	0.000099	0.000811	0.000335	0.166	0.00000276	0.00122	0.000637	0.00215	0.00133
2033 Jan	0.000228	0.0019	0.0744	0.0000127	4.69	13.7	0.0565	0.00166	120	0.00537	0.0099	0.000103	0.000843	0.000348	0.173	0.00000286	0.00127	0.000662	0.00223	0.00138
2033 Feb	0.000234	0.00195	0.0763	0.000013	4.81	14.1	0.0579	0.0017	123	0.00551	0.0101	0.000105	0.000864	0.000357	0.177	0.00000294	0.0013	0.000679	0.00229	0.00142
2033 Mar	0.000239	0.00199	0.0778	0.0000133	4.9	14.4	0.0591	0.00174	125	0.00562	0.0104	0.000108	0.000882	0.000364	0.181	0.000003	0.00132	0.000693	0.00234	0.00145
2033 Apr	0.000242	0.00202	0.0789	0.0000135	4.97	14.6	0.0599	0.00176	127	0.0057	0.0105	0.000109	0.000894	0.00037	0.183	0.00000304	0.00134	0.000703	0.00237	0.00147
2033 May	0.000272	0.00191	0.0877	0.0000126	4.59	13.6	0.0632	0.0016	115	0.0053	0.01	0.000176	0.000831	0.000346	0.179	0.00000279	0.0012	0.000734	0.00223	0.00133
2033 Jun	0.000313	0.00176	0.102	0.0000118	4.24	12.3	0.0685	0.00139	97.8	0.00475	0.00955	0.000277	0.000736	0.000313	0.172	0.00000241	0.00108	0.000789	0.00207	0.00116
2033 Jul	0.000305	0.00176	0.0997	0.0000118	4.28	12.3	0.0672	0.0014	97.9	0.00475	0.00949	0.000266	0.000734	0.000313	0.169	0.00000239	0.0011	0.000773	0.00206	0.00118
2033 Aug	0.000301	0.00176	0.0977	0.0000117	4.27	12.2	0.0662	0.0014	97.4	0.00473	0.00942	0.000259	0.000728	0.000312	0.168	0.00000238	0.0011	0.000757	0.00204	0.00118
2033 Sep	0.000295	0.00178	0.0944	0.0000116	4.29	12.4	0.0649	0.00142	97.9	0.00478	0.00934	0.000241	0.000731	0.000315	0.167	0.00000235	0.00111	0.000732	0.00201	0.00119
2033 Oct	0.000288	0.00181	0.0917	0.0000115	4.26	12.6	0.0633	0.00146	98.1	0.00485	0.00937	0.000218	0.000738	0.00032	0.168	0.00000229	0.0011	0.000706	0.00196	0.00121

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Nov	0.000292	0.00185	0.0934	0.0000117	4.32	12.8	0.0641	0.00149	99.5	0.00492	0.00957	0.000219	0.000749	0.000325	0.17	0.00000233	0.00112	0.000716	0.00199	0.00123
2033 Dec	0.0003	0.00189	0.0958	0.000012	4.43	13.1	0.0658	0.00153	102	0.00505	0.00982	0.000225	0.000768	0.000333	0.175	0.00000239	0.00115	0.000734	0.00205	0.00126
2034 Jan	0.000307	0.00194	0.098	0.0000123	4.54	13.4	0.0673	0.00156	105	0.00517	0.01	0.00023	0.000786	0.000341	0.179	0.00000245	0.00117	0.000752	0.00209	0.00129
2034 Feb	0.000313	0.00198	0.1	0.0000126	4.63	13.7	0.0687	0.00159	107	0.00528	0.0103	0.000235	0.000802	0.000348	0.183	0.0000025	0.0012	0.000767	0.00214	0.00131
2034 Mar	0.000319	0.00201	0.102	0.0000128	4.71	14	0.0699	0.00162	108	0.00537	0.0104	0.000239	0.000816	0.000354	0.186	0.00000254	0.00122	0.00078	0.00217	0.00134
2034 Apr	0.000322	0.00204	0.103	0.0000129	4.76	14.1	0.0707	0.00164	110	0.00543	0.0105	0.000241	0.000826	0.000358	0.188	0.00000257	0.00123	0.000789	0.0022	0.00135
2034 May	0.000322	0.00199	0.103	0.0000127	4.65	13.8	0.0702	0.0016	107	0.0053	0.0104	0.000248	0.000805	0.000349	0.185	0.00000251	0.0012	0.000784	0.00216	0.00131
2034 Jun	0.000314	0.00173	0.103	0.0000113	4.05	11.7	0.0665	0.00133	87.9	0.00451	0.0094	0.000279	0.000681	0.000298	0.165	0.00000219	0.00101	0.000749	0.00192	0.0011
2034 Jul	0.00031	0.00175	0.101	0.0000113	4.09	11.9	0.066	0.00135	88.7	0.00458	0.00935	0.00027	0.000693	0.000303	0.165	0.00000218	0.00103	0.000743	0.00193	0.00112
2034 Aug	0.000308	0.00175	0.0997	0.0000113	4.08	11.9	0.0655	0.00135	88.2	0.00456	0.00932	0.000267	0.00069	0.000302	0.164	0.00000219	0.00103	0.000736	0.00193	0.00112
2034 Sep	0.000304	0.00177	0.0976	0.0000112	4.1	12.1	0.0648	0.00138	88.7	0.00462	0.00929	0.000254	0.000698	0.000306	0.165	0.00000218	0.00104	0.000723	0.00191	0.00114
2034 Oct	0.000303	0.0018	0.0962	0.0000112	4.11	12.3	0.0645	0.00141	89.4	0.00472	0.00933	0.000242	0.000713	0.000312	0.167	0.00000217	0.00104	0.000715	0.00191	0.00116
2034 Nov	0.000308	0.00184	0.098	0.0000114	4.18	12.6	0.0658	0.00144	91.2	0.00482	0.00951	0.000246	0.000729	0.000319	0.17	0.00000221	0.00106	0.000729	0.00195	0.00118
2034 Dec	0.000315	0.00188	0.1	0.0000117	4.27	12.9	0.0672	0.00147	93.2	0.00492	0.00971	0.000251	0.000744	0.000326	0.174	0.00000226	0.00109	0.000745	0.00199	0.00121
2035 Jan	0.000321	0.00192	0.102	0.0000119	4.36	13.1	0.0685	0.0015	95	0.00502	0.00991	0.000256	0.000759	0.000332	0.177	0.0000023	0.00111	0.000759	0.00203	0.00123
2035 Feb	0.000327	0.00195	0.104	0.0000121	4.43	13.3	0.0696	0.00152	96.6	0.0051	0.0101	0.00026	0.000772	0.000338	0.18	0.00000234	0.00113	0.000772	0.00206	0.00125
2035 Mar	0.000331	0.00198	0.105	0.0000123	4.5	13.5	0.0707	0.00155	98	0.00518	0.0102	0.000264	0.000783	0.000343	0.183	0.00000237	0.00114	0.000783	0.00209	0.00127
2035 Apr	0.000335	0.002	0.106	0.0000124	4.54	13.7	0.0714	0.00156	99	0.00523	0.0103	0.000267	0.000791	0.000347	0.185	0.0000024	0.00115	0.000791	0.00211	0.00128
2035 May	0.000335	0.002	0.106	0.0000124	4.53	13.6	0.0714	0.00156	98.7	0.00522	0.0103	0.000268	0.000789	0.000346	0.184	0.00000239	0.00115	0.000792	0.00211	0.00128
2035 Jun	0.000303	0.00171	0.0996	0.0000111	3.91	11.5	0.0636	0.0013	81.4	0.00442	0.00929	0.00026	0.000669	0.000292	0.16	0.00000211	0.000977	0.000723	0.0019	0.00107
2035 Jul	0.000296	0.00169	0.0983	0.0000111	3.88	11.3	0.0623	0.00129	80	0.00437	0.00927	0.000253	0.000662	0.000288	0.157	0.00000211	0.000973	0.000714	0.00191	0.00106
2035 Aug	0.000293	0.00169	0.0972	0.0000111	3.88	11.3	0.0617	0.00129	79.6	0.00436	0.00923	0.000248	0.00066	0.000288	0.156	0.00000211	0.000973	0.000704	0.0019	0.00106
2035 Sep	0.000289	0.00171	0.0949	0.000011	3.84	11.4	0.0609	0.0013	79.1	0.00441	0.00917	0.000235	0.000667	0.000291	0.157	0.0000021	0.000963	0.000689	0.00188	0.00107
2035 Oct	0.000287	0.00171	0.0939	0.0000109	3.8	11.4	0.0601	0.0013	78.2	0.00439	0.00915	0.000228	0.000664	0.00029	0.156	0.00000209	0.00095	0.00068	0.00186	0.00106
2035 Nov	0.000289	0.00173	0.0947	0.000011	3.83	11.6	0.0606	0.00132	78.9	0.00445	0.00926	0.000228	0.000672	0.000294	0.158	0.00000211	0.000957	0.000684	0.00188	0.00107
2035 Dec	0.000298	0.00179	0.0977	0.0000114	3.95	11.9	0.0625	0.00136	81.4	0.00459	0.00956	0.000235	0.000694	0.000303	0.163	0.00000217	0.000987	0.000706	0.00194	0.00111
2036 Jan	0.000307	0.00184	0.101	0.0000117	4.07	12.3	0.0644	0.0014	83.8	0.00473	0.00985	0.000242	0.000715	0.000312	0.168	0.00000224	0.00102	0.000728	0.002	0.00114
2036 Feb	0.000315	0.00189	0.103	0.000012	4.18	12.6	0.066	0.00144	86	0.00485	0.0101	0.000248	0.000733	0.00032	0.172	0.0000023	0.00104	0.000746	0.00205	0.00117
2036 Mar	0.000321	0.00193	0.105	0.0000122	4.26	12.9	0.0674	0.00147	87.7	0.00495	0.0103	0.000253	0.000748	0.000327	0.176	0.00000234	0.00106	0.000761	0.00209	0.00119
2036 Apr	0.000325	0.00195	0.107	0.0000124	4.31	13	0.0682	0.00148	88.7	0.00501	0.0104	0.000256	0.000757	0.000331	0.178	0.00000237	0.00108	0.00077	0.00211	0.00121
2036 May	0.000326	0.00195	0.107	0.0000124	4.31	13	0.0684	0.00148	88.8	0.00501	0.0104	0.000257	0.000757	0.000331	0.178	0.00000237	0.00108	0.000772	0.00212	0.00121
2036 Jun	0.000287	0.0017	0.0956	0.000011	3.74	11.3	0.0598	0.00128	75.8	0.00435	0.00929	0.000229	0.000662	0.000287	0.155	0.00000211	0.000926	0.000689	0.0019	0.00104
2036 Jul	0.000276	0.00165	0.093	0.0000108	3.61	10.9	0.0575	0.00123	72.5	0.00421	0.00909	0.00022	0.000641	0.000276	0.15	0.00000207	0.000891	0.000668	0.00187	0.001
2036 Aug	0.000275	0.00165	0.0927	0.0000108	3.61	10.8	0.0573	0.00123	72.3	0.0042	0.0091	0.000219	0.00064	0.000276	0.15	0.00000208	0.000889	0.000665	0.00187	0.000998
2036 Sep	0.000273	0.00165	0.0917	0.0000107	3.58	10.8	0.0568	0.00122	71.8	0.00419	0.00906	0.000214	0.000638	0.000276	0.149	0.00000207	0.000882	0.000658	0.00186	0.000995
2036 Oct	0.000271	0.00165	0.091	0.0000106	3.55	10.8	0.0563	0.00122	71.1	0.00419	0.00904	0.000209	0.000637	0.000275	0.149	0.00000207	0.000872	0.000651	0.00185	0.000991
2036 Nov	0.000272	0.00166	0.0911	0.0000106	3.56	10.9	0.0564	0.00123	71.3	0.00421	0.00907	0.000209	0.000641	0.000277	0.15	0.00000207	0.000873	0.000653	0.00185	0.000996
2036 Dec	0.000278	0.0017	0.0932	0.0000109	3.64	11.1	0.0577	0.00126	72.9	0.00431	0.00928	0.000213	0.000656	0.000283	0.153	0.00000212	0.000893	0.000668	0.0019	0.00102
2037 Jan	0.000286	0.00174	0.0957	0.0000112	3.73	11.4	0.0592	0.00129	74.9	0.00442	0.00952	0.000219	0.000673	0.000291	0.157	0.00000217	0.000917	0.000685	0.00195	0.00105
2037 Feb	0.000292	0.00178	0.0977	0.0000114	3.81	11.7	0.0604	0.00132	76.4	0.00451	0.00972	0.000224	0.000687	0.000297	0.16	0.00000222	0.000936	0.0007	0.00199	0.00107
2037 Mar	0.000296	0.00181	0.0992	0.0000116	3.87	11.9	0.0614	0.00134	77.7	0.00459	0.00988	0.000227	0.000698	0.000302	0.163	0.00000225	0.000951	0.000711	0.00202	0.00109
2037 Apr	0.0003	0.00183	0.1	0.0000117	3.92	12	0.0622	0.00136	78.6	0.00464	0.01	0.00023	0.000707	0.000305	0.165	0.00000228	0.000963	0.00072	0.00204	0.0011
2037 May	0.00029	0.00171	0.0974	0.000011	3.65	11.1	0.0596	0.00125	72.3	0.0043	0.00943	0.000233	0.000654	0.000283	0.156	0.00000214	0.000887	0.00069	0.00192	0.00101
2037 Jun	0.000283	0.00157	0.0956	0.0000102	3.34	10.1	0.0573	0.00113	64.6	0.00392	0.00886	0.000243	0.000596	0.000258	0.146	0.00000199	0.000797	0.000667	0.00179	0.000905
2037 Jul	0.000282	0.00158	0.0955	0.0000102	3.34	10.1	0.0571	0.00112	64.3	0.00392	0.00888	0.000242	0.000596	0.000258	0.145	0.00000199	0.000794	0.000666	0.0018	0.000903
2037 Aug	0.000282	0.00158	0.0952	0.0000102	3.33	10.1	0.0569	0.00112	64.1	0.00391	0.00888	0.000241	0.000595	0.000258	0.145	0.000002	0.000791	0.000663	0.0018	0.000902
2037 Sep	0.00028	0.00158	0.0947	0.0000102	3.32	10.1	0.0566	0.00112	63.7	0.0039	0.00888	0.000238	0.000592	0.000257	0.145	0.00000201	0.000787	0.000658	0.00179	0.000897
2037 Oct	0.000277	0.00157	0.0939	0.0000101	3.28	9.97	0.0558	0.00111	62.8	0.00386	0.00884	0.000234	0.000585	0.000254	0.143	0.000002	0.000776	0.00065	0.00177	0.000886
2037 Nov	0.00028	0.00159	0.095	0.0000102	3.32	10.1	0.0564	0.00112	63.4	0.0039	0.00895	0.000236	0.000592	0.000257	0.145	0.00000202	0.000784	0.000657	0.00179	0.000896
2037 Dec	0.000288	0.00163	0.0975	0.0000105	3.4	10.3	0.0579	0.00115	65.1	0.004	0.00919	0.000242	0.000607	0.000264	0.149	0.00000207	0.000804	0.000674	0.00184	0.00092
2038 Jan	0.000295	0.00167	0.1	0.0000108	3.49	10.6	0.0594	0.00118	66.8	0.00411	0.00943	0.000249	0.000623	0.000271	0.153	0.00000213	0.000826	0.000692	0.00189	0.000944
2038 Feb	0.000302	0.00171	0.102	0.000011	3.58	10.9	0.0608	0.00121	68.4	0.00421	0.00965	0.000255	0.000638	0.000277	0.156	0.00000218	0.000845	0.000708	0.00193	0.000966
2038 Mar	0.000307	0.00174	0.104	0.0000112	3.63	11	0.0617	0.00123	69.5	0.00427	0.0098	0.000259	0.000648	0.000282	0.159	0.00000221	0.000858	0.000719	0.00196	0.000981
2038 Apr	0.000311	0.00176	0.105	0.0000113	3.68	11.2	0.0625	0.00124	70.4	0.00433	0.00993	0.000262	0.000656	0.000285	0.161	0.00000224	0.000869	0.000728	0.00199	0.000994
2038 May	0.000307	0.00172	0.104	0.0000111	3.59	10.9	0.0616	0.00121	68.5	0.00422	0.00974	0.000262	0.00064	0.000278	0.158	0.00000219	0.000846	0.000718	0.00195	0.000967
2038 Jun	0.00029	0.00154	0.0989	0.00001	3.2	9.64	0.0574	0.00106	59.5	0.00373	0.00891	0.000261	0.000565	0.000247	0.143	0.00000199	0.000739	0.000672	0.00177	0.00084
2038 Jul	0.00029	0.00154	0.0991	0.0000101	3.2	9.63	0.0574	0.00106	59.5	0.00374	0.00895	0.000261	0.000565	0.000247	0.143	0.000002	0.000738	0.000673	0.00178	0.000839
2038 Aug	0.000289	0.00155	0.0989	0.0000101	3.2	9.62	0.0572	0.00106	59.2	0.00373	0.00896	0.00026	0.000564	0.000246	0.143	0.00000201	0.000736	0.00067	0.00178	0.000837
2038 Sep	0.000287	0.00154	0.0981	0.00000999	3.18	9.55	0.0566	0.00105	58.7	0.00371	0.00894	0.000257	0.000559	0.000245	0.142	0.00000201	0.000729	0.000663	0.00177	0.000831
2038 Oct	0.000286	0.00154	0.0979	0.00000997	3.17	9.51	0.0563	0.00105	58.3	0.00369	0.00896	0.000254	0.000556	0.000244	0.142	0.00000202	0.000725	0.000659	0.00177	0.000827
2038 Nov	0.000292	0.00157	0.1	0.0000102	3.24	9.71	0.0574	0.00107	59.5	0.00377	0.00915	0.00026	0.000568	0.000249	0.145	0.00000206	0.00074	0.000673	0.00181	0.000844
2038 Dec	0.0003	0.00162	0.103	0.0000105	3.32	9.97	0.059	0.0011	61.1	0.00387	0.00939	0.000266	0.000583	0.000256	0.149	0.00000212	0.00076	0.000691	0.00185	0.000867
2039 Jan	0.000307	0.00165	0.105	0.0000107	3.4	10.2	0.0603	0.00112	62.5	0.00396	0.00961	0.000273	0.000597	0.000262	0.152	0.00000217	0.000777	0.000707	0.0019	0.000887
2039 Feb	0.000314	0.00169	0.107	0.0000109	3.47	10.4	0.0616	0.00115	63.9	0.00405	0.00981	0.000278	0.00061	0.000267	0.156	0.00000221	0.000794	0.000722	0.00194	0.000906
2039 Mar	0.000318	0.00171	0.109	0.0000111	3.52	10.6	0.0625	0.00117	64.8	0.00411	0.00996	0.000283	0.000619	0.000271	0.158	0.00000225	0.000806	0.000733	0.00197	0.000919
2039 Apr	0.000322	0.00173	0.11	0.0000112	3.56	10.7	0.0632	0.00118	65.6	0.00415	0.0101	0.000286	0.000626	0.000274	0.16	0.00000227	0.000815	0.000741	0.00199	0.00093
2039 May	0.000324	0.00175	0.111	0.0000113	3.59	10.8	0.0637	0.00119	66	0.00418	0.0101	0.000288	0.00063	0.000276	0.161	0.00000229	0.000821	0.000747	0.002	0.000936

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Jun	0.000278	0.00151	0.0959	0.00000988	3.08	9.19	0.0542	0.00101	55.8	0.0036	0.00893	0.000244	0.000546	0.000237	0.138	0.00000204	0.000695	0.000649	0.00179	0.000799
2039 Jul	0.000261	0.00144	0.0913	0.00000948	2.9	8.59	0.0507	0.000946	52	0.00339	0.00861	0.000229	0.000515	0.000223	0.13	0.00000199	0.00065	0.000613	0.00173	0.000749
2039 Aug	0.000259	0.00144	0.091	0.00000947	2.88	8.52	0.0501	0.000938	51.3	0.00337	0.00861	0.000226	0.00051	0.000221	0.129	0.00000199	0.000643	0.000604	0.00172	0.000742
2039 Sep	0.000259	0.00144	0.0912	0.00000949	2.88	8.54	0.0501	0.000941	51.4	0.00338	0.00864	0.000225	0.000511	0.000222	0.13	0.000002	0.000643	0.000605	0.00172	0.000744
2039 Oct	0.00026	0.00145	0.0915	0.00000953	2.89	8.57	0.0502	0.000945	51.4	0.00339	0.00867	0.000225	0.000513	0.000222	0.13	0.000002	0.000644	0.000606	0.00173	0.000746
2039 Nov	0.000265	0.00148	0.0932	0.00000972	2.95	8.74	0.0512	0.000964	52.5	0.00346	0.00885	0.00023	0.000523	0.000227	0.133	0.00000204	0.000657	0.000618	0.00176	0.000761
2039 Dec	0.00027	0.0015	0.095	0.0000099	3	8.91	0.0522	0.000982	53.4	0.00352	0.00901	0.000234	0.000533	0.000231	0.135	0.00000208	0.000669	0.00063	0.00179	0.000775
2040 Jan	0.000276	0.00154	0.0973	0.0000101	3.08	9.13	0.0534	0.00101	54.7	0.00361	0.00923	0.00024	0.000546	0.000237	0.139	0.00000213	0.000686	0.000645	0.00184	0.000794
2040 Feb	0.000282	0.00157	0.0992	0.0000103	3.14	9.31	0.0545	0.00103	55.8	0.00368	0.00941	0.000244	0.000557	0.000241	0.141	0.00000217	0.000699	0.000658	0.00187	0.00081
2040 Mar	0.000285	0.00159	0.1	0.0000105	3.17	9.42	0.0552	0.00104	56.5	0.00372	0.00952	0.000247	0.000563	0.000244	0.143	0.0000022	0.000708	0.000666	0.0019	0.000819
2040 Apr	0.000288	0.00161	0.101	0.0000106	3.21	9.52	0.0557	0.00105	57.1	0.00376	0.00962	0.00025	0.000569	0.000247	0.145	0.00000222	0.000715	0.000673	0.00192	0.000828
2040 May	0.000287	0.00159	0.101	0.0000105	3.17	9.4	0.0553	0.00103	56.3	0.00372	0.00953	0.00025	0.000562	0.000244	0.143	0.0000022	0.000705	0.000668	0.00189	0.000816
2040 Jun	0.000265	0.00141	0.0936	0.00000932	2.79	8.11	0.0504	0.000885	48	0.00323	0.00862	0.000242	0.000486	0.000212	0.128	0.00000199	0.000604	0.000613	0.0017	0.000695
2040 Jul	0.000264	0.0014	0.0933	0.00000932	2.78	8.08	0.0501	0.000882	47.7	0.00322	0.00862	0.000241	0.000486	0.000211	0.127	0.00000199	0.000601	0.000611	0.00171	0.000693
2040 Aug	0.000264	0.00141	0.0936	0.00000936	2.78	8.11	0.0502	0.000885	47.7	0.00323	0.00865	0.000241	0.000487	0.000212	0.128	0.000002	0.000602	0.000611	0.00171	0.000695
2040 Sep	0.000264	0.00141	0.0937	0.00000939	2.78	8.13	0.0502	0.000888	47.7	0.00324	0.00867	0.00024	0.000488	0.000212	0.128	0.000002	0.000601	0.000611	0.00172	0.000697
2040 Oct	0.000264	0.00142	0.0938	0.0000094	2.79	8.13	0.0502	0.00089	47.7	0.00324	0.0087	0.000239	0.000488	0.000212	0.128	0.00000201	0.000601	0.000611	0.00172	0.000697
2040 Nov	0.000269	0.00144	0.0955	0.00000957	2.83	8.28	0.0511	0.000906	48.5	0.0033	0.00885	0.000243	0.000497	0.000216	0.131	0.00000204	0.000612	0.000622	0.00175	0.000709
2040 Dec	0.000275	0.00147	0.0976	0.00000978	2.9	8.47	0.0522	0.000926	49.6	0.00338	0.00905	0.000249	0.000508	0.000221	0.133	0.00000209	0.000625	0.000636	0.00179	0.000725
2041 Jan	0.00028	0.0015	0.0995	0.00000997	2.95	8.63	0.0532	0.000944	50.6	0.00344	0.00922	0.000254	0.000518	0.000225	0.136	0.00000213	0.000638	0.000648	0.00182	0.00074
2041 Feb	0.000285	0.00153	0.101	0.0000102	3.01	8.79	0.0542	0.000961	51.4	0.0035	0.00939	0.000258	0.000528	0.000229	0.138	0.00000217	0.000649	0.000659	0.00185	0.000753
2041 Mar	0.000289	0.00155	0.102	0.0000103	3.04	8.89	0.0548	0.000972	52.1	0.00354	0.0095	0.000261	0.000534	0.000232	0.14	0.00000219	0.000657	0.000667	0.00188	0.000762
2041 Apr	0.000292	0.00156	0.104	0.0000104	3.08	8.99	0.0554	0.000983	52.6	0.00358	0.0096	0.000264	0.00054	0.000235	0.142	0.00000222	0.000664	0.000675	0.0019	0.00077
2041 May	0.000293	0.00157	0.104	0.0000104	3.09	9.04	0.0557	0.000987	52.8	0.0036	0.00964	0.000266	0.000543	0.000236	0.142	0.00000222	0.000666	0.000678	0.0019	0.000774
2041 Jun	0.000256	0.00138	0.0922	0.00000932	2.7	7.82	0.0484	0.000853	45.5	0.00314	0.00865	0.000232	0.000476	0.000205	0.124	0.00000201	0.000576	0.000601	0.00172	0.000669
2041 Jul	0.000241	0.00131	0.0876	0.00000894	2.55	7.28	0.0451	0.000797	42.3	0.00295	0.00833	0.000216	0.000448	0.000192	0.117	0.00000195	0.000539	0.000569	0.00167	0.000625
2041 Aug	0.000241	0.00132	0.088	0.00000899	2.56	7.32	0.0453	0.000801	42.4	0.00297	0.00837	0.000217	0.00045	0.000193	0.118	0.00000196	0.000541	0.000571	0.00168	0.000628
2041 Sep	0.000242	0.00132	0.0881	0.00000901	2.56	7.34	0.0453	0.000804	42.4	0.00298	0.00839	0.000216	0.000452	0.000194	0.118	0.00000197	0.000541	0.000571	0.00168	0.000631
2041 Oct	0.000241	0.00132	0.0881	0.00000902	2.56	7.35	0.0453	0.000806	42.3	0.00298	0.0084	0.000215	0.000451	0.000194	0.118	0.00000197	0.00054	0.00057	0.00168	0.000631
2041 Nov	0.000245	0.00134	0.0894	0.00000915	2.6	7.46	0.0459	0.000818	42.9	0.00302	0.00853	0.000218	0.000458	0.000197	0.12	0.000002	0.000548	0.000578	0.0017	0.00064
2041 Dec	0.00025	0.00137	0.0913	0.00000934	2.65	7.62	0.0469	0.000835	43.8	0.00309	0.00871	0.000223	0.000468	0.000201	0.122	0.00000204	0.000559	0.00059	0.00174	0.000654
2042 Jan	0.000255	0.0014	0.0929	0.00000951	2.7	7.75	0.0477	0.00085	44.6	0.00314	0.00886	0.000227	0.000476	0.000204	0.124	0.00000207	0.000569	0.000601	0.00177	0.000665
2042 Feb	0.000259	0.00142	0.0946	0.00000969	2.75	7.9	0.0486	0.000866	45.4	0.0032	0.00903	0.000231	0.000485	0.000208	0.127	0.00000211	0.00058	0.000612	0.0018	0.000678
2042 Mar	0.000263	0.00144	0.096	0.00000983	2.79	8.01	0.0493	0.000878	46.1	0.00325	0.00916	0.000234	0.000492	0.000211	0.129	0.00000214	0.000588	0.00062	0.00183	0.000687
2042 Apr	0.000266	0.00146	0.0969	0.00000992	2.82	8.09	0.0498	0.000887	46.5	0.00328	0.00925	0.000236	0.000497	0.000213	0.13	0.00000216	0.000594	0.000627	0.00184	0.000694
2042 May	0.000264	0.00144	0.0962	0.00000983	2.79	8.02	0.0494	0.000879	46.1	0.00325	0.00916	0.000235	0.000493	0.000211	0.129	0.00000214	0.000588	0.000622	0.00183	0.000688
2042 Jun	0.000237	0.0013	0.0875	0.00000898	2.5	7.12	0.0442	0.00078	40.8	0.00291	0.00839	0.000212	0.000442	0.000188	0.115	0.00000197	0.000523	0.000565	0.00168	0.00061
2042 Jul	0.000228	0.00126	0.0852	0.0000088	2.42	6.84	0.0425	0.00075	39.1	0.00281	0.00823	0.000203	0.000427	0.000182	0.112	0.00000194	0.000503	0.000548	0.00165	0.000586
2042 Aug	0.000225	0.00126	0.0842	0.00000876	2.4	6.76	0.0417	0.000745	38.4	0.00278	0.00819	0.000199	0.000421	0.00018	0.111	0.00000194	0.000496	0.000536	0.00164	0.000581
2042 Sep	0.000223	0.00125	0.0836	0.00000873	2.38	6.71	0.0412	0.000743	37.9	0.00277	0.00817	0.000195	0.000417	0.000179	0.11	0.00000194	0.000491	0.000529	0.00163	0.000577
2042 Oct	0.000223	0.00126	0.0836	0.00000874	2.38	6.71	0.0411	0.000745	37.8	0.00277	0.0082	0.000194	0.000416	0.000179	0.11	0.00000194	0.00049	0.000527	0.00163	0.000577
2042 Nov	0.000228	0.00128	0.0853	0.00000892	2.43	6.85	0.042	0.000761	38.6	0.00283	0.00837	0.000198	0.000426	0.000183	0.112	0.00000198	0.0005	0.000538	0.00166	0.000589
2042 Dec	0.000232	0.00131	0.087	0.0000091	2.48	6.99	0.0428	0.000777	39.4	0.00288	0.00854	0.000202	0.000434	0.000186	0.115	0.00000202	0.00051	0.000549	0.00169	0.000601
2043 Jan	0.000237	0.00134	0.0888	0.00000928	2.53	7.13	0.0437	0.000792	40.2	0.00294	0.00871	0.000206	0.000443	0.00019	0.117	0.00000206	0.00052	0.00056	0.00173	0.000613
2043 Feb	0.000241	0.00136	0.0903	0.00000945	2.58	7.26	0.0444	0.000806	40.9	0.00299	0.00886	0.000209	0.000451	0.000193	0.119	0.0000021	0.000529	0.00057	0.00176	0.000624
2043 Mar	0.000245	0.00138	0.0919	0.00000961	2.62	7.38	0.0452	0.00082	41.6	0.00305	0.00902	0.000213	0.000459	0.000197	0.121	0.00000214	0.000539	0.00058	0.00179	0.000635
2043 Apr	0.000248	0.0014	0.0928	0.0000097	2.65	7.45	0.0456	0.000828	42	0.00307	0.0091	0.000215	0.000463	0.000199	0.122	0.00000216	0.000544	0.000585	0.00181	0.000641
2043 May	0.000246	0.00138	0.092	0.00000958	2.61	7.36	0.0453	0.000816	41.4	0.00303	0.009	0.000214	0.000457	0.000196	0.121	0.00000213	0.000536	0.00058	0.00178	0.000632
2043 Jun	0.00023	0.00123	0.086	0.00000861	2.33	6.44	0.0419	0.000708	35.8	0.00267	0.00818	0.000211	0.000401	0.000173	0.109	0.00000193	0.000465	0.000539	0.00161	0.000545
2043 Jul	0.00023	0.00124	0.0862	0.00000865	2.33	6.45	0.0419	0.000709	35.8	0.00268	0.00822	0.000211	0.000402	0.000173	0.11	0.00000194	0.000465	0.00054	0.00162	0.000546
2043 Aug	0.000231	0.00124	0.0866	0.0000087	2.34	6.49	0.0421	0.000714	35.9	0.00269	0.00826	0.000211	0.000404	0.000174	0.11	0.00000195	0.000467	0.000541	0.00163	0.00055
2043 Sep	0.000231	0.00125	0.0866	0.00000873	2.35	6.52	0.0421	0.000717	35.8	0.0027	0.00827	0.00021	0.000405	0.000175	0.111	0.00000195	0.000467	0.00054	0.00163	0.000553
2043 Oct	0.000231	0.00125	0.0869	0.00000877	2.35	6.54	0.0421	0.000722	35.7	0.00271	0.00832	0.000209	0.000406	0.000175	0.111	0.00000196	0.000467	0.00054	0.00163	0.000554
2043 Nov	0.000232	0.00126	0.0875	0.00000883	2.36	6.57	0.0422	0.000727	35.8	0.00272	0.0084	0.000209	0.000407	0.000176	0.112	0.00000197	0.000468	0.000542	0.00164	0.000556
2043 Dec	0.000237	0.00129	0.0894	0.00000902	2.41	6.71	0.0431	0.000742	36.6	0.00278	0.00858	0.000213	0.000416	0.00018	0.114	0.00000202	0.000478	0.000553	0.00168	0.000567
2044 Jan	0.000241	0.00131	0.0908	0.00000917	2.45	6.81	0.0438	0.000754	37.2	0.00283	0.00872	0.000217	0.000422	0.000182	0.116	0.00000205	0.000486	0.000562	0.0017	0.000577
2044 Feb	0.000245	0.00133	0.0923	0.00000931	2.48	6.92	0.0445	0.000766	37.7	0.00287	0.00885	0.00022	0.000429	0.000185	0.118	0.00000208	0.000493	0.000571	0.00173	0.000586
2044 Mar	0.000248	0.00135	0.0935	0.00000944	2.52	7.01	0.045	0.000776	38.2	0.00291	0.00897	0.000223	0.000435	0.000188	0.119	0.00000211	0.0005	0.000579	0.00175	0.000593
2044 Apr	0.000251	0.00136	0.0946	0.00000954	2.55	7.09	0.0456	0.000785	38.7	0.00294	0.00907	0.000226	0.00044	0.00019	0.121	0.00000213	0.000506	0.000585	0.00177	0.0006
2044 May	0.000253	0.00137	0.0951	0.00000959	2.56	7.13	0.0458	0.000789	38.9	0.00296	0.00912	0.000227	0.000442	0.000191	0.121	0.00000214	0.000508	0.000589	0.00178	0.000603
2044 Jun	0.000224	0.00121	0.0853	0.0000086	2.25	6.16	0.0403	0.000681	33.5	0.00258	0.00822	0.000203	0.000388	0.000166	0.107	0.00000194	0.00044	0.000528	0.00162	0.000521
2044 Jul	0.000221	0.0012	0.0846	0.00000857	2.24	6.07	0.0397	0.000672	33	0.00256	0.0082	0.0002	0.000384	0.000164	0.105	0.00000194	0.000435	0.000524	0.00162	0.000514
2044 Aug	0.000222	0.00121	0.0851	0.00000863	2.25	6.12	0.04	0.000677	33.1	0.00257	0.00825	0.000201	0.000386	0.000165	0.106	0.00000196	0.000438	0.000527	0.00163	0.000518
2044 Sep	0.000221	0.00121	0.0849	0.00000864	2.24	6.09	0.0396	0.000678	32.8	0.00256	0.00826	0.000198	0.000384	0.000165	0.106	0.00000195	0.000435	0.000522	0.00162	0.000515
2044 Oct	0.000221	0.00121	0.0851	0.00000867	2.24	6.1	0.0396	0.000681	32.7	0.00257	0.00829	0.000198	0.000384	0.000165	0.106	0.00000196	0.000434	0.000521	0.00162	0.000516
2044 Nov	0.000225	0.00123	0.0866	0.00000882	2.28	6.21	0.0402	0.000693	33.3	0.00261	0.00844	0.000201	0.00039	0.000168	0.108	0.00000199	0.000441	0.00053	0.00165	0.000525
2044 Dec	0.00023	0.00126	0.0884	0.00000901	2.32	6.34	0.0411	0.000707	34	0.00267	0.00862	0.000205	0.000399	0.000171	0.11	0.00000203	0.000451	0.000541	0.00168	0.000536

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Jan	0.000235	0.00129	0.0905	0.00000922	2.38	6.49	0.0421	0.000724	34.8	0.00273	0.00883	0.00021	0.000408	0.000175	0.113	0.00000208	0.000462	0.000554	0.00172	0.000549
2045 Feb	0.00024	0.00132	0.0925	0.00000942	2.43	6.63	0.043	0.00074	35.5	0.00279	0.00902	0.000214	0.000417	0.000179	0.115	0.00000213	0.000472	0.000566	0.00176	0.000561
2045 Mar	0.000243	0.00133	0.0937	0.00000955	2.46	6.72	0.0436	0.00075	36	0.00283	0.00913	0.000217	0.000422	0.000181	0.117	0.00000216	0.000478	0.000573	0.00178	0.000568
2045 Apr	0.000246	0.00135	0.0948	0.00000966	2.49	6.79	0.044	0.000758	36.4	0.00286	0.00924	0.00022	0.000427	0.000183	0.118	0.00000218	0.000483	0.00058	0.0018	0.000574
2045 May	0.000248	0.00136	0.0955	0.00000973	2.51	6.84	0.0444	0.000764	36.7	0.00288	0.00931	0.000221	0.00043	0.000185	0.119	0.0000022	0.000487	0.000584	0.00182	0.000579
2045 Jun	0.000219	0.00121	0.085	0.00000874	2.23	6.07	0.0392	0.000675	32.2	0.00257	0.00837	0.000194	0.000387	0.000165	0.106	0.00000198	0.000429	0.000524	0.00165	0.000516
2045 Jul	0.00021	0.00117	0.0819	0.00000847	2.14	5.8	0.0374	0.000644	30.6	0.00247	0.00811	0.000185	0.000372	0.000157	0.101	0.00000193	0.000409	0.000505	0.00161	0.000494
2045 Aug	0.00021	0.00117	0.0822	0.00000851	2.15	5.82	0.0375	0.000647	30.6	0.00248	0.00814	0.000185	0.000374	0.000158	0.102	0.00000194	0.00041	0.000506	0.00161	0.000496
2045 Sep	0.00021	0.00118	0.0823	0.00000854	2.15	5.83	0.0374	0.00065	30.6	0.00248	0.00816	0.000184	0.000374	0.000158	0.102	0.00000194	0.00041	0.000505	0.00161	0.000497
2045 Oct	0.000213	0.00119	0.0834	0.00000866	2.18	5.92	0.038	0.00066	31	0.00252	0.00828	0.000187	0.00038	0.000161	0.104	0.00000197	0.000416	0.000512	0.00164	0.000505
2045 Nov	0.000217	0.00122	0.085	0.00000883	2.22	6.04	0.0387	0.000673	31.6	0.00257	0.00844	0.00019	0.000387	0.000164	0.106	0.00000201	0.000424	0.000522	0.00167	0.000515
2045 Dec	0.000221	0.00124	0.0864	0.00000897	2.25	6.14	0.0393	0.000684	32.1	0.00261	0.00857	0.000193	0.000393	0.000167	0.107	0.00000204	0.000431	0.00053	0.0017	0.000524
2046 Jan	0.000225	0.00126	0.088	0.00000913	2.3	6.25	0.04	0.000696	32.7	0.00266	0.00873	0.000197	0.000401	0.00017	0.109	0.00000208	0.000439	0.00054	0.00173	0.000533
2046 Feb	0.000229	0.00128	0.0894	0.00000928	2.33	6.35	0.0407	0.000708	33.2	0.0027	0.00888	0.0002	0.000407	0.000172	0.111	0.00000211	0.000446	0.000549	0.00176	0.000542
2046 Mar	0.000232	0.0013	0.0906	0.0000094	2.36	6.44	0.0412	0.000717	33.7	0.00274	0.00899	0.000203	0.000413	0.000175	0.112	0.00000214	0.000452	0.000556	0.00178	0.000549
2046 Apr	0.000234	0.00131	0.0915	0.0000095	2.39	6.5	0.0417	0.000725	34	0.00277	0.00909	0.000205	0.000417	0.000177	0.114	0.00000216	0.000457	0.000562	0.0018	0.000555
2046 May	0.000235	0.00131	0.0919	0.00000953	2.4	6.52	0.0418	0.000727	34.1	0.00277	0.00911	0.000206	0.000418	0.000177	0.114	0.00000217	0.000458	0.000564	0.0018	0.000556
2046 Jun	0.000209	0.00117	0.0829	0.00000864	2.13	5.74	0.0371	0.000638	29.8	0.00246	0.00828	0.000184	0.000374	0.000157	0.101	0.00000198	0.000403	0.00051	0.00165	0.00049
2046 Jul	0.000199	0.00113	0.0797	0.00000838	2.04	5.41	0.035	0.000603	28.1	0.00234	0.00804	0.000174	0.000357	0.000149	0.0966	0.00000193	0.000382	0.00049	0.00161	0.000463
2046 Aug	0.000199	0.00113	0.08	0.00000843	2.05	5.43	0.0351	0.000606	28.2	0.00236	0.00808	0.000174	0.000358	0.000149	0.097	0.00000194	0.000383	0.000491	0.00162	0.000466
2046 Sep	0.000198	0.00113	0.0798	0.00000844	2.05	5.43	0.0349	0.000609	28	0.00235	0.00808	0.000172	0.000357	0.000149	0.097	0.00000194	0.000382	0.000487	0.00161	0.000466
2046 Oct	0.000198	0.00113	0.0797	0.00000843	2.04	5.43	0.0347	0.000611	27.8	0.00235	0.0081	0.00017	0.000356	0.000149	0.097	0.00000194	0.000381	0.000484	0.00161	0.000467
2046 Nov	0.000201	0.00115	0.0807	0.00000855	2.07	5.52	0.0352	0.000621	28.2	0.00239	0.00821	0.000172	0.000361	0.000151	0.0984	0.00000197	0.000386	0.00049	0.00163	0.000475
2046 Dec	0.000204	0.00117	0.0819	0.00000868	2.1	5.6	0.0358	0.00063	28.6	0.00243	0.00834	0.000175	0.000367	0.000154	0.1	0.000002	0.000392	0.000498	0.00165	0.000482
2047 Jan	0.000208	0.00119	0.0836	0.00000885	2.15	5.72	0.0365	0.000643	29.2	0.00248	0.0085	0.000178	0.000374	0.000157	0.102	0.00000204	0.0004	0.000508	0.00169	0.000492
2047 Feb	0.000212	0.00121	0.0851	0.00000901	2.19	5.82	0.0372	0.000655	29.7	0.00252	0.00866	0.000181	0.000381	0.00016	0.104	0.00000207	0.000407	0.000517	0.00172	0.000501
2047 Mar	0.000214	0.00123	0.086	0.00000911	2.21	5.88	0.0375	0.000662	30.1	0.00255	0.00875	0.000183	0.000385	0.000161	0.105	0.0000021	0.000411	0.000523	0.00174	0.000506
2047 Apr	0.000216	0.00124	0.0868	0.0000092	2.23	5.94	0.0379	0.000668	30.3	0.00257	0.00884	0.000185	0.000389	0.000163	0.106	0.00000212	0.000415	0.000528	0.00175	0.000511
2047 May	0.000216	0.00123	0.0865	0.00000908	2.21	5.87	0.0379	0.000658	29.9	0.00254	0.00874	0.000187	0.000384	0.000161	0.105	0.00000209	0.000409	0.000526	0.00173	0.000504
2047 Jun	0.000211	0.00113	0.0832	0.00000831	2.03	5.33	0.0368	0.000588	26.7	0.00231	0.0081	0.000194	0.000347	0.000147	0.0986	0.00000193	0.000366	0.000504	0.0016	0.00045
2047 Jul	0.000211	0.00113	0.0836	0.00000837	2.04	5.34	0.0368	0.00059	26.7	0.00232	0.00815	0.000194	0.000349	0.000147	0.0989	0.00000194	0.000366	0.000507	0.00161	0.000451
2047 Aug	0.000212	0.00114	0.084	0.00000842	2.05	5.38	0.037	0.000594	26.8	0.00233	0.00819	0.000195	0.000351	0.000148	0.0995	0.00000195	0.000368	0.000508	0.00161	0.000455
2047 Sep	0.000212	0.00114	0.0839	0.00000844	2.04	5.39	0.0369	0.000597	26.6	0.00233	0.0082	0.000193	0.00035	0.000148	0.0995	0.00000195	0.000368	0.000506	0.00161	0.000456
2047 Oct	0.000211	0.00114	0.0837	0.00000844	2.04	5.39	0.0367	0.000599	26.4	0.00233	0.0082	0.000191	0.000349	0.000148	0.0995	0.00000195	0.000366	0.000503	0.0016	0.000456
2047 Nov	0.000213	0.00115	0.0845	0.00000852	2.05	5.44	0.037	0.000606	26.7	0.00236	0.00829	0.000192	0.000353	0.00015	0.1	0.00000197	0.000369	0.000507	0.00162	0.000461
2047 Dec	0.000217	0.00118	0.0861	0.00000868	2.09	5.55	0.0377	0.000618	27.2	0.0024	0.00844	0.000196	0.00036	0.000153	0.102	0.000002	0.000376	0.000517	0.00165	0.000471
2048 Jan	0.000221	0.0012	0.0875	0.00000883	2.13	5.64	0.0383	0.000628	27.6	0.00244	0.00859	0.000199	0.000366	0.000155	0.104	0.00000204	0.000383	0.000526	0.00168	0.000478
2048 Feb	0.000224	0.00122	0.089	0.00000897	2.16	5.73	0.039	0.000638	28.1	0.00248	0.00872	0.000202	0.000372	0.000158	0.106	0.00000207	0.000389	0.000534	0.0017	0.000486
2048 Mar	0.000229	0.00124	0.0907	0.00000915	2.21	5.85	0.0397	0.000651	28.6	0.00253	0.0089	0.000206	0.000379	0.000161	0.108	0.00000211	0.000397	0.000545	0.00174	0.000496
2048 Apr	0.000231	0.00125	0.0915	0.00000923	2.23	5.9	0.0401	0.000657	28.9	0.00255	0.00898	0.000208	0.000382	0.000162	0.109	0.00000213	0.0004	0.00055	0.00175	0.0005
2048 May	0.000232	0.00126	0.0921	0.00000928	2.24	5.94	0.0403	0.00066	29.1	0.00257	0.00903	0.00021	0.000385	0.000163	0.11	0.00000214	0.000403	0.000553	0.00176	0.000503
2048 Jun	0.000207	0.00113	0.0831	0.00000847	2.01	5.24	0.0357	0.000584	25.7	0.00229	0.00825	0.000186	0.000345	0.000145	0.0977	0.00000197	0.000358	0.000501	0.00163	0.000445
2048 Jul	0.000195	0.00108	0.0793	0.00000816	1.92	4.9	0.0335	0.000548	24.1	0.00217	0.00796	0.000175	0.000327	0.000136	0.0923	0.00000191	0.000338	0.000477	0.00158	0.000418
2048 Aug	0.000195	0.00108	0.0795	0.00000821	1.92	4.92	0.0334	0.000551	24.1	0.00218	0.00799	0.000174	0.000328	0.000137	0.0926	0.00000192	0.000338	0.000476	0.00158	0.00042
2048 Sep	0.000194	0.00108	0.0794	0.00000823	1.92	4.94	0.0334	0.000554	24	0.00218	0.00799	0.000172	0.000328	0.000137	0.0928	0.00000192	0.000338	0.000474	0.00158	0.000423
2048 Oct	0.000194	0.00109	0.0793	0.00000822	1.92	4.94	0.0333	0.000557	23.9	0.00219	0.008	0.000171	0.000328	0.000137	0.0929	0.00000192	0.000338	0.000472	0.00157	0.000424
2048 Nov	0.000195	0.0011	0.0799	0.00000828	1.93	4.98	0.0335	0.000562	24.1	0.0022	0.00807	0.000172	0.00033	0.000139	0.0937	0.00000193	0.00034	0.000475	0.00159	0.000428
2048 Dec	0.000199	0.00112	0.0815	0.00000845	1.97	5.09	0.0342	0.000574	24.6	0.00225	0.00823	0.000175	0.000337	0.000141	0.0956	0.00000197	0.000347	0.000485	0.00162	0.000437
2049 Jan	0.000204	0.00114	0.0833	0.00000864	2.02	5.2	0.0349	0.000586	25.1	0.0023	0.00841	0.000179	0.000345	0.000144	0.0976	0.00000201	0.000355	0.000495	0.00165	0.000446
2049 Feb	0.000207	0.00116	0.0848	0.00000879	2.05	5.29	0.0356	0.000596	25.6	0.00234	0.00856	0.000182	0.000351	0.000147	0.0994	0.00000205	0.000361	0.000504	0.00168	0.000454
2049 Mar	0.00021	0.00118	0.0859	0.00000891	2.08	5.36	0.0361	0.000605	25.9	0.00237	0.00868	0.000185	0.000356	0.000149	0.101	0.00000208	0.000366	0.000511	0.00171	0.000461
2049 Apr	0.000212	0.00119	0.0868	0.000009	2.1	5.42	0.0364	0.000611	26.2	0.00239	0.00876	0.000187	0.000359	0.000151	0.102	0.0000021	0.00037	0.000516	0.00172	0.000465
2049 May	0.000214	0.0012	0.0873	0.00000904	2.11	5.44	0.0366	0.000613	26.3	0.0024	0.00881	0.000188	0.000361	0.000151	0.102	0.00000211	0.000371	0.000519	0.00173	0.000467
2049 Jun	0.00019	0.00107	0.0786	0.00000819	1.89	4.76	0.0324	0.000537	23.1	0.00213	0.008	0.000168	0.000321	0.000133	0.0908	0.00000192	0.000327	0.000469	0.00159	0.000409
2049 Jul	0.000185	0.00105	0.0771	0.00000808	1.85	4.62	0.0314	0.000522	22.4	0.00208	0.00789	0.000163	0.000315	0.00013	0.0886	0.00000191	0.000319	0.00046	0.00157	0.000399
2049 Aug	0.000186	0.00105	0.0776	0.00000814	1.86	4.66	0.0316	0.000526	22.5	0.0021	0.00794	0.000164	0.000317	0.000131	0.0892	0.00000192	0.000321	0.000462	0.00158	0.000403
2049 Sep	0.000186	0.00106	0.0775	0.00000816	1.86	4.67	0.0315	0.00053	22.4	0.0021	0.00796	0.000162	0.000316	0.000131	0.0894	0.00000192	0.000321	0.00046	0.00158	0.000404
2049 Oct	0.000186	0.00106	0.0776	0.00000818	1.86	4.68	0.0314	0.000533	22.3	0.0021	0.00799	0.000161	0.000316	0.000131	0.0896	0.00000192	0.000321	0.000459	0.00157	0.000406
2049 Nov	0.000188	0.00107	0.0786	0.00000828	1.88	4.76	0.0318	0.000541	22.6	0.00213	0.00809	0.000162	0.000321	0.000133	0.0908	0.00000194	0.000325	0.000464	0.00159	0.000413
2049 Dec	0.000192	0.0011	0.0802	0.00000845	1.92	4.85	0.0325	0.000552	23	0.00218	0.00825	0.000166	0.000327	0.000136	0.0926	0.00000198	0.000331	0.000474	0.00163	0.000421
2050 Jan	0.000195	0.00112	0.0816	0.00000861	1.95	4.94	0.0331	0.000563	23.5	0.00222	0.0084	0.000169	0.000334	0.000138	0.0944	0.00000202	0.000337	0.000483	0.00166	0.000429
2050 Feb	0.000199	0.00114	0.0832	0.00000877	1.99	5.04	0.0337	0.000574	23.9	0.00226	0.00856	0.000172	0.00034	0.000141	0.0962	0.00000206	0.000344	0.000492	0.00169	0.000437
2050 Mar	0.000202	0.00116	0.0845	0.00000891	2.02	5.12	0.0343	0.000582	24.3	0.0023	0.0087	0.000175	0.000345	0.000143	0.0977	0.00000209	0.000349	0.000499	0.00171	0.000444
2050 Apr	0.000204	0.00117	0.0855	0.00000901	2.05	5.18	0.0347	0.000589	24.6	0.00232	0.0088	0.000177	0.000349	0.000145	0.0988	0.00000211	0.000353	0.000505	0.00173	0.000449
2050 May	0.000206	0.00118	0.0861	0.00000907	2.06	5.21	0.0349	0.000593	24.7	0.00234	0.00886	0.000178	0.000351	0.000146	0.0995	0.00000213	0.000355	0.000509	0.00174	0.000452
2050 Jun	0.000187	0.00106	0.0788	0.00000825	1.86	4.61	0.0316	0.000524	21.9	0.00209	0.00808	0.000165	0.000315	0.00013	0.0896	0.00000194	0.000316	0.000467	0.0016	0.000399
2050 Jul	0.000181	0.00103	0.0769	0.00000811	1.81	4.45	0.0305	0.000506	21.2	0.00203	0.00794	0.000159	0.000306	0.000126	0.0869	0.00000192	0.000307	0.000454	0.00158	0.000386

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Aug	0.000182	0.00104	0.0772	0.00000815	1.82	4.47	0.0305	0.000509	21.2	0.00204	0.00797	0.000159	0.000308	0.000127	0.0873	0.00000192	0.000308	0.000455	0.00158	0.000389
2050 Sep	0.000182	0.00104	0.0772	0.00000817	1.82	4.49	0.0305	0.000512	21.1	0.00204	0.00798	0.000158	0.000308	0.000127	0.0875	0.00000193	0.000308	0.000453	0.00158	0.00039
2050 Oct	0.000183	0.00105	0.0778	0.00000823	1.83	4.53	0.0307	0.000517	21.3	0.00206	0.00804	0.000159	0.00031	0.000128	0.0882	0.00000194	0.00031	0.000456	0.00159	0.000394
2050 Nov	0.000186	0.00107	0.079	0.00000836	1.86	4.61	0.0313	0.000526	21.6	0.0021	0.00818	0.000161	0.000316	0.00013	0.0897	0.00000197	0.000315	0.000464	0.00162	0.000402
2050 Dec	0.00019	0.00109	0.0805	0.00000852	1.9	4.7	0.0319	0.000536	22	0.00214	0.00833	0.000165	0.000322	0.000133	0.0914	0.00000201	0.000321	0.000473	0.00165	0.00041
2051 Jan	0.000192	0.0011	0.0818	0.00000865	1.93	4.77	0.0323	0.000544	22.4	0.00217	0.00846	0.000167	0.000327	0.000135	0.0928	0.00000204	0.000326	0.00048	0.00167	0.000416
2051 Feb	0.000196	0.00112	0.0833	0.00000881	1.96	4.86	0.0329	0.000554	22.8	0.00221	0.00861	0.00017	0.000333	0.000137	0.0945	0.00000208	0.000332	0.000489	0.0017	0.000423
2051 Mar	0.000199	0.00114	0.0845	0.00000895	1.99	4.93	0.0334	0.000562	23.1	0.00224	0.00874	0.000173	0.000338	0.000139	0.096	0.00000211	0.000337	0.000496	0.00173	0.00043
2051 Apr	0.000201	0.00115	0.0854	0.00000904	2.01	4.98	0.0338	0.000568	23.4	0.00227	0.00884	0.000175	0.000341	0.000141	0.097	0.00000213	0.000341	0.000502	0.00175	0.000435
2051 May	0.000201	0.00115	0.0854	0.00000901	2.01	4.98	0.0339	0.000567	23.3	0.00226	0.00881	0.000175	0.000341	0.000141	0.097	0.00000212	0.00034	0.000502	0.00174	0.000435
2051 Jun	0.000186	0.00103	0.0782	0.00000802	1.79	4.39	0.0313	0.000491	20.1	0.002	0.00789	0.000169	0.000303	0.000125	0.0874	0.0000019	0.000294	0.000463	0.00157	0.000382
2051 Jul	0.000185	0.00102	0.0777	0.00000801	1.78	4.35	0.0309	0.000487	20	0.00199	0.00789	0.000167	0.000302	0.000124	0.0867	0.00000191	0.000293	0.000461	0.00157	0.00038
2051 Aug	0.000184	0.00103	0.0779	0.00000805	1.78	4.35	0.0309	0.000489	19.9	0.00199	0.00791	0.000166	0.000301	0.000124	0.0869	0.00000191	0.000293	0.000459	0.00157	0.000381
2051 Sep	0.000183	0.00103	0.0776	0.00000806	1.78	4.34	0.0306	0.000492	19.8	0.00199	0.00792	0.000164	0.000299	0.000123	0.0867	0.00000191	0.000292	0.000454	0.00156	0.000381
2051 Oct	0.000181	0.00103	0.077	0.00000802	1.77	4.31	0.03	0.000496	19.5	0.00198	0.00793	0.000159	0.000294	0.000122	0.0863	0.00000191	0.00029	0.000445	0.00154	0.000379
2051 Nov	0.000185	0.00105	0.0785	0.00000817	1.81	4.39	0.0306	0.000506	19.9	0.00202	0.00809	0.000162	0.000299	0.000125	0.0881	0.00000195	0.000296	0.000454	0.00157	0.000387
2051 Dec	0.000188	0.00107	0.0799	0.00000831	1.84	4.47	0.0311	0.000515	20.2	0.00205	0.00823	0.000164	0.000305	0.000127	0.0896	0.00000198	0.000301	0.000461	0.0016	0.000394
2052 Jan	0.000192	0.00109	0.0815	0.00000848	1.88	4.56	0.0317	0.000526	20.7	0.00209	0.0084	0.000168	0.000311	0.00013	0.0914	0.00000202	0.000307	0.000471	0.00163	0.000402
2052 Feb	0.000195	0.00111	0.0829	0.00000863	1.91	4.64	0.0323	0.000535	21	0.00213	0.00855	0.000171	0.000316	0.000132	0.093	0.00000206	0.000312	0.000479	0.00166	0.000409
2052 Mar	0.000198	0.00112	0.084	0.00000874	1.93	4.7	0.0327	0.000542	21.3	0.00216	0.00866	0.000173	0.00032	0.000133	0.0942	0.00000208	0.000316	0.000485	0.00168	0.000414
2052 Apr	0.0002	0.00113	0.0849	0.00000884	1.95	4.75	0.0331	0.000548	21.5	0.00218	0.00875	0.000175	0.000324	0.000135	0.0952	0.0000021	0.00032	0.00049	0.0017	0.000419
2052 May	0.000198	0.00111	0.0839	0.00000867	1.92	4.66	0.0328	0.000535	21	0.00214	0.00859	0.000175	0.000317	0.000132	0.0938	0.00000206	0.000313	0.000485	0.00167	0.000409
2052 Jun	0.000189	0.00102	0.0793	0.00000797	1.77	4.25	0.0313	0.000483	19.1	0.00195	0.00794	0.000174	0.000289	0.000121	0.0873	0.0000019	0.000283	0.000459	0.00154	0.000368
2052 Jul	0.000188	0.00102	0.0794	0.00000801	1.77	4.24	0.0311	0.000482	19	0.00195	0.00796	0.000173	0.000289	0.000121	0.0872	0.00000191	0.000283	0.000456	0.00154	0.000368
2052 Aug	0.000188	0.00103	0.0796	0.00000805	1.77	4.26	0.0311	0.000485	18.9	0.00196	0.00799	0.000172	0.000289	0.000121	0.0874	0.00000191	0.000283	0.000455	0.00154	0.00037
2052 Sep	0.000188	0.00103	0.0795	0.00000806	1.77	4.26	0.031	0.000488	18.9	0.00196	0.008	0.000171	0.000288	0.000121	0.0875	0.00000191	0.000283	0.000453	0.00154	0.000371
2052 Oct	0.000189	0.00104	0.0799	0.00000811	1.78	4.3	0.0311	0.000493	19	0.00197	0.00805	0.000171	0.00029	0.000122	0.0881	0.00000192	0.000285	0.000454	0.00155	0.000376
2052 Nov	0.000193	0.00106	0.0815	0.00000828	1.82	4.39	0.0318	0.000503	19.3	0.00201	0.00822	0.000174	0.000297	0.000125	0.0899	0.00000196	0.000291	0.000464	0.00158	0.000384
2052 Dec	0.000196	0.00108	0.083	0.00000842	1.85	4.47	0.0323	0.000512	19.7	0.00205	0.00836	0.000177	0.000302	0.000127	0.0915	0.000002	0.000296	0.000472	0.00161	0.000391
2053 Jan	0.000199	0.00109	0.0843	0.00000856	1.88	4.54	0.0329	0.000521	20	0.00208	0.00849	0.00018	0.000307	0.000129	0.093	0.00000203	0.000301	0.00048	0.00163	0.000398
2053 Feb	0.000203	0.00111	0.0857	0.0000087	1.91	4.62	0.0334	0.000529	20.3	0.00212	0.00864	0.000183	0.000312	0.000131	0.0946	0.00000206	0.000306	0.000488	0.00166	0.000404
2053 Mar	0.000205	0.00113	0.0868	0.0000088	1.93	4.68	0.0338	0.000536	20.6	0.00214	0.00874	0.000185	0.000316	0.000133	0.0957	0.00000209	0.00031	0.000494	0.00168	0.000409
2053 Apr	0.000207	0.00114	0.0876	0.00000889	1.95	4.72	0.0342	0.000541	20.8	0.00217	0.00883	0.000187	0.000319	0.000134	0.0966	0.00000211	0.000313	0.000498	0.0017	0.000413
2053 May	0.000204	0.00109	0.0854	0.0000085	1.88	4.57	0.0338	0.000517	19.8	0.00209	0.00846	0.000189	0.000307	0.00013	0.094	0.00000202	0.000298	0.000488	0.00163	0.000399
2053 Jun	0.000203	0.00103	0.0831	0.0000079	1.77	4.26	0.0336	0.000472	18.2	0.00194	0.00794	0.000198	0.000285	0.000121	0.09	0.00000188	0.000273	0.000477	0.00152	0.000366
2053 Jul	0.000203	0.00103	0.0832	0.00000793	1.77	4.27	0.0336	0.000473	18.2	0.00195	0.00796	0.000197	0.000286	0.000122	0.0901	0.00000189	0.000274	0.000478	0.00153	0.000368
2053 Aug	0.000204	0.00104	0.0835	0.00000799	1.78	4.31	0.0338	0.000478	18.3	0.00196	0.008	0.000197	0.000288	0.000123	0.0907	0.0000019	0.000276	0.00048	0.00154	0.000373
2053 Sep	0.000205	0.00105	0.0838	0.00000802	1.79	4.37	0.034	0.000483	18.4	0.00198	0.00803	0.000197	0.000292	0.000124	0.0914	0.00000191	0.000278	0.000482	0.00154	0.000381
2053 Oct	0.000206	0.00105	0.084	0.00000805	1.8	4.41	0.0342	0.000488	18.4	0.002	0.00806	0.000198	0.000295	0.000125	0.092	0.00000192	0.000279	0.000484	0.00155	0.000387
2053 Nov	0.000207	0.00106	0.0846	0.00000811	1.81	4.45	0.0344	0.000492	18.5	0.00202	0.00812	0.000199	0.000297	0.000126	0.0927	0.00000193	0.000281	0.000487	0.00156	0.00039
2053 Dec	0.000212	0.00108	0.0864	0.00000828	1.85	4.54	0.0351	0.000503	18.9	0.00206	0.00829	0.000203	0.000303	0.000129	0.0946	0.00000197	0.000287	0.000498	0.00159	0.000399
2054 Jan	0.000216	0.0011	0.088	0.00000844	1.89	4.63	0.0358	0.000512	19.3	0.0021	0.00844	0.000207	0.000309	0.000131	0.0964	0.00000201	0.000293	0.000507	0.00162	0.000406
2054 Feb	0.000219	0.00112	0.0894	0.00000856	1.92	4.7	0.0363	0.00052	19.6	0.00213	0.00857	0.00021	0.000314	0.000133	0.0979	0.00000204	0.000297	0.000515	0.00165	0.000412
2054 Mar	0.000222	0.00114	0.0908	0.0000087	1.95	4.77	0.0369	0.000528	19.9	0.00217	0.00871	0.000213	0.000319	0.000136	0.0994	0.00000207	0.000302	0.000523	0.00167	0.000419
2054 Apr	0.000225	0.00115	0.0918	0.0000088	1.97	4.83	0.0373	0.000534	20.1	0.00219	0.00881	0.000216	0.000322	0.000137	0.101	0.00000209	0.000305	0.000528	0.00169	0.000424
2054 May	0.000224	0.00114	0.0912	0.0000087	1.95	4.77	0.0371	0.000527	19.8	0.00216	0.00871	0.000216	0.000318	0.000136	0.0997	0.00000207	0.000301	0.000525	0.00167	0.000418
2054 Jun	0.000213	0.00104	0.0863	0.000008	1.78	4.32	0.0353	0.00047	17.8	0.00196	0.00804	0.000212	0.000289	0.000123	0.0923	0.0000019	0.00027	0.000498	0.00154	0.00037
2054 Jul	0.000209	0.00103	0.0855	0.00000799	1.77	4.27	0.0347	0.000466	17.6	0.00195	0.00802	0.000208	0.000287	0.000122	0.0913	0.0000019	0.000268	0.000492	0.00154	0.000368
2054 Aug	0.000209	0.00103	0.0855	0.00000802	1.77	4.28	0.0346	0.000469	17.6	0.00195	0.00803	0.000207	0.000287	0.000122	0.0915	0.0000019	0.000269	0.000489	0.00154	0.00037
2054 Sep	0.000208	0.00104	0.0854	0.00000804	1.78	4.29	0.0345	0.000472	17.5	0.00195	0.00804	0.000205	0.000286	0.000122	0.0915	0.0000019	0.000269	0.000487	0.00154	0.000371
2054 Oct	0.000208	0.00104	0.0851	0.00000804	1.77	4.28	0.0343	0.000474	17.5	0.00195	0.00805	0.000203	0.000285	0.000122	0.0914	0.0000019	0.000269	0.000484	0.00153	0.000372
2054 Nov	0.00021	0.00105	0.0863	0.00000815	1.8	4.34	0.0347	0.000481	17.7	0.00198	0.00817	0.000206	0.000289	0.000124	0.0927	0.00000193	0.000273	0.00049	0.00155	0.000377
2054 Dec	0.000214	0.00107	0.0879	0.0000083	1.83	4.43	0.0354	0.00049	18.1	0.00202	0.00832	0.00021	0.000294	0.000126	0.0944	0.00000196	0.000278	0.000499	0.00158	0.000385
2055 Jan	0.000219	0.0011	0.0899	0.0000085	1.88	4.53	0.0362	0.000502	18.5	0.00206	0.00852	0.000214	0.000301	0.000129	0.0967	0.00000201	0.000285	0.000511	0.00162	0.000394
2055 Feb	0.000224	0.00112	0.0918	0.00000867	1.91	4.62	0.037	0.000512	18.9	0.00211	0.00869	0.000219	0.000308	0.000132	0.0987	0.00000205	0.000291	0.000522	0.00165	0.000402
2055 Mar	0.000227	0.00114	0.0932	0.0000088	1.94	4.69	0.0375	0.00052	19.1	0.00214	0.00882	0.000222	0.000312	0.000134	0.1	0.00000208	0.000295	0.000529	0.00168	0.000408
2055 Apr	0.000229	0.00115	0.0941	0.00000889	1.96	4.74	0.0379	0.000525	19.3	0.00216	0.0089	0.000224	0.000315	0.000135	0.101	0.0000021	0.000298	0.000534	0.0017	0.000412
2055 May	0.000231	0.00116	0.0948	0.00000896	1.98	4.77	0.0382	0.000529	19.5	0.00218	0.00897	0.000226	0.000318	0.000136	0.102	0.00000212	0.0003	0.000539	0.00171	0.000415
2055 Jun	0.000201	0.00102	0.0839	0.00000806	1.75	4.17	0.0332	0.000462	17.1	0.00192	0.00806	0.000195	0.000284	0.00012	0.0895	0.00000192	0.000264	0.00048	0.00156	0.000365
2055 Jul	0.000196	0.00101	0.0821	0.00000797	1.72	4.05	0.0322	0.00045	16.8	0.00188	0.00796	0.000189	0.000279	0.000117	0.0873	0.0000019	0.000259	0.000471	0.00154	0.000357
2055 Aug	0.000196	0.00101	0.0825	0.00000801	1.73	4.07	0.0323	0.000453	16.8	0.00189	0.00799	0.00019	0.00028	0.000117	0.0877	0.00000191	0.000261	0.000472	0.00155	0.000359
2055 Sep	0.000196	0.00101	0.0824	0.00000803	1.73	4.08	0.0322	0.000456	16.8	0.00189	0.00801	0.000188	0.000279	0.000117	0.0878	0.00000191	0.000261	0.00047	0.00155	0.00036
2055 Oct	0.000196	0.00101	0.0825	0.00000805	1.73	4.09	0.0322	0.000458	16.8	0.0019	0.00802	0.000188	0.00028	0.000118	0.088	0.00000191	0.000261	0.00047	0.00155	0.000362
2055 Nov	0.000197	0.00102	0.0831	0.0000081	1.75	4.12	0.0324	0.000461	16.9	0.00191	0.00807	0.000189	0.000282	0.000118	0.0886	0.00000192	0.000263	0.000473	0.00156	0.000365
2055 Dec	0.0002	0.00103	0.084	0.0000082	1.77	4.18	0.0328	0.000467	17.1	0.00194	0.00817	0.000191	0.000286	0.00012	0.0896	0.00000194	0.000266	0.000478	0.00158	0.00037
2056 Jan	0.000203	0.00105	0.0856	0.00000835	1.8	4.25	0.0334	0.000476	17.4	0.00197	0.00832	0.000195	0.000291	0.000122	0.0913	0.00000198	0.000271	0.000487	0.00161	0.000376
2056 Feb	0.000207	0.00107	0.0872	0.0000085	1.83	4.33	0.034	0.000485	17.7	0.00201	0.00848	0.000198	0.000296	0.000124	0.093	0.00000202	0.000276	0.000496	0.00164	0.000384

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.000211	0.00109	0.0886	0.00000864	1.86	4.4	0.0346	0.000492	18	0.00204	0.00861	0.000202	0.000301	0.000126	0.0945	0.00000205	0.000281	0.000504	0.00166	0.00039
2056 Apr	0.000213	0.0011	0.0896	0.00000874	1.88	4.45	0.035	0.000498	18.2	0.00206	0.00871	0.000204	0.000304	0.000128	0.0955	0.00000207	0.000284	0.00051	0.00168	0.000394
2056 May	0.000212	0.00108	0.0888	0.00000855	1.84	4.35	0.0349	0.000484	17.7	0.00202	0.00853	0.000206	0.000297	0.000125	0.0941	0.00000203	0.000276	0.000505	0.00164	0.000382
2056 Jun	0.00021	0.00101	0.0865	0.00000796	1.74	4.04	0.0346	0.000441	16.3	0.00187	0.00802	0.000214	0.000273	0.000116	0.09	0.00000189	0.000253	0.000494	0.00154	0.000345
2056 Jul	0.00021	0.00101	0.0868	0.00000801	1.74	4.06	0.0346	0.000443	16.4	0.00188	0.00806	0.000214	0.000275	0.000117	0.0903	0.0000019	0.000254	0.000495	0.00155	0.000347
2056 Aug	0.00021	0.00102	0.087	0.00000805	1.75	4.07	0.0346	0.000445	16.4	0.00188	0.00809	0.000214	0.000275	0.000117	0.0905	0.00000191	0.000255	0.000494	0.00155	0.00035
2056 Sep	0.000211	0.00102	0.0872	0.00000808	1.75	4.09	0.0347	0.000449	16.4	0.00189	0.00811	0.000213	0.000276	0.000118	0.0908	0.00000191	0.000256	0.000494	0.00155	0.000353
2056 Oct	0.000209	0.00102	0.0865	0.00000804	1.74	4.08	0.0343	0.000449	16.2	0.00188	0.00807	0.00021	0.000275	0.000117	0.0903	0.0000019	0.000255	0.000489	0.00154	0.000353
2056 Nov	0.000212	0.00103	0.0878	0.00000816	1.76	4.14	0.0348	0.000456	16.4	0.00191	0.0082	0.000213	0.000279	0.000119	0.0917	0.00000193	0.000258	0.000496	0.00156	0.000359
2056 Dec	0.000217	0.00105	0.0897	0.00000834	1.8	4.24	0.0356	0.000466	16.8	0.00195	0.00837	0.000218	0.000285	0.000122	0.0936	0.00000197	0.000264	0.000507	0.00159	0.000367
2057 Jan	0.00022	0.00107	0.0913	0.00000849	1.83	4.31	0.0362	0.000475	17.1	0.00199	0.00852	0.000222	0.00029	0.000124	0.0953	0.000002	0.000269	0.000516	0.00162	0.000373
2057 Feb	0.000225	0.00109	0.0931	0.00000865	1.87	4.4	0.0369	0.000484	17.4	0.00203	0.00869	0.000226	0.000296	0.000126	0.0972	0.00000204	0.000274	0.000526	0.00165	0.000381
2057 Mar	0.000228	0.00111	0.0944	0.00000878	1.9	4.46	0.0375	0.000491	17.7	0.00206	0.00881	0.000229	0.0003	0.000128	0.0986	0.00000207	0.000278	0.000533	0.00168	0.000386
2057 Apr	0.000231	0.00112	0.0955	0.00000888	1.92	4.51	0.0379	0.000496	17.9	0.00208	0.00891	0.000232	0.000303	0.000129	0.0997	0.00000209	0.000281	0.000539	0.0017	0.00039
2057 May	0.00023	0.00112	0.0952	0.00000882	1.91	4.48	0.0378	0.000493	17.7	0.00207	0.00886	0.000232	0.000301	0.000129	0.0993	0.00000208	0.000279	0.000538	0.00169	0.000387
2057 Jun	0.00021	0.000993	0.0866	0.00000791	1.7	3.94	0.0345	0.000429	15.6	0.00183	0.00797	0.000216	0.000267	0.000114	0.089	0.00000187	0.000245	0.000492	0.00152	0.000335
2057 Jul	0.000209	0.000993	0.0866	0.00000794	1.71	3.93	0.0343	0.000428	15.6	0.00183	0.00799	0.000214	0.000268	0.000114	0.0888	0.00000188	0.000245	0.000492	0.00153	0.000336
2057 Aug	0.00021	0.001	0.0872	0.00000801	1.72	3.97	0.0345	0.000433	15.7	0.00184	0.00805	0.000216	0.00027	0.000115	0.0895	0.00000189	0.000247	0.000495	0.00154	0.00034
2057 Sep	0.00021	0.00101	0.0873	0.00000803	1.72	4	0.0346	0.000436	15.7	0.00185	0.00807	0.000215	0.000272	0.000115	0.0899	0.00000189	0.000249	0.000495	0.00154	0.000345
2057 Oct	0.00021	0.00101	0.0872	0.00000804	1.73	4.03	0.0346	0.000439	15.7	0.00186	0.00807	0.000214	0.000273	0.000116	0.0901	0.00000189	0.000249	0.000495	0.00154	0.00035
2057 Nov	0.000214	0.00103	0.0888	0.00000819	1.76	4.11	0.0353	0.000448	16	0.0019	0.00822	0.000218	0.000278	0.000118	0.0918	0.00000193	0.000254	0.000504	0.00157	0.000357
2057 Dec	0.000219	0.00105	0.0906	0.00000835	1.79	4.19	0.036	0.000457	16.3	0.00194	0.00839	0.000223	0.000284	0.000121	0.0937	0.00000197	0.000259	0.000514	0.0016	0.000365
2058 Jan	0.000223	0.00107	0.0922	0.0000085	1.83	4.27	0.0366	0.000465	16.6	0.00197	0.00854	0.000227	0.000289	0.000123	0.0954	0.000002	0.000264	0.000523	0.00163	0.000371
2058 Feb	0.000227	0.00109	0.0941	0.00000867	1.86	4.35	0.0373	0.000475	17	0.00201	0.00871	0.000231	0.000295	0.000125	0.0973	0.00000204	0.000269	0.000534	0.00166	0.000379
2058 Mar	0.00023	0.0011	0.0954	0.0000088	1.89	4.42	0.0379	0.000482	17.2	0.00204	0.00883	0.000235	0.000299	0.000127	0.0987	0.00000207	0.000273	0.000542	0.00169	0.000384
2058 Apr	0.000233	0.00112	0.0966	0.0000089	1.91	4.47	0.0383	0.000487	17.4	0.00207	0.00894	0.000237	0.000303	0.000129	0.0999	0.0000021	0.000276	0.000548	0.00171	0.000389
2058 May	0.000232	0.00109	0.0953	0.00000866	1.87	4.39	0.0382	0.000474	16.9	0.00202	0.00871	0.000239	0.000297	0.000126	0.0984	0.00000204	0.000268	0.000542	0.00166	0.000382
2058 Jun	0.000227	0.00101	0.091	0.00000786	1.72	4.05	0.0376	0.000424	15.2	0.00185	0.00798	0.000244	0.000271	0.000116	0.0929	0.00000185	0.000239	0.000522	0.00152	0.000348
2058 Jul	0.000226	0.00101	0.0909	0.00000789	1.73	4.05	0.0374	0.000425	15.2	0.00185	0.008	0.000242	0.000272	0.000117	0.0928	0.00000186	0.000241	0.000522	0.00153	0.00035
2058 Aug	0.000227	0.00101	0.0912	0.00000793	1.73	4.08	0.0375	0.000428	15.3	0.00187	0.00803	0.000242	0.000273	0.000117	0.0932	0.00000187	0.000242	0.000523	0.00153	0.000354
2058 Sep	0.000226	0.00102	0.0911	0.00000796	1.73	4.1	0.0374	0.000432	15.2	0.00187	0.00805	0.000241	0.000273	0.000118	0.0933	0.00000187	0.000243	0.000521	0.00153	0.000357
2058 Oct	0.000226	0.00102	0.0913	0.00000799	1.74	4.12	0.0374	0.000436	15.2	0.00188	0.00809	0.00024	0.000274	0.000118	0.0937	0.00000188	0.000244	0.000521	0.00153	0.00036
2058 Nov	0.00023	0.00104	0.0929	0.00000813	1.77	4.19	0.038	0.000444	15.5	0.00191	0.00823	0.000244	0.000279	0.00012	0.0953	0.00000191	0.000248	0.000529	0.00156	0.000367
2058 Dec	0.000235	0.00106	0.0948	0.0000083	1.81	4.28	0.0388	0.000454	15.8	0.00195	0.0084	0.000249	0.000285	0.000123	0.0973	0.00000195	0.000253	0.000541	0.00159	0.000375
2059 Jan	0.00024	0.00108	0.097	0.00000848	1.85	4.38	0.0397	0.000464	16.2	0.002	0.00859	0.000255	0.000292	0.000125	0.0995	0.00000199	0.000259	0.000553	0.00163	0.000383
2059 Feb	0.000245	0.0011	0.0987	0.00000864	1.88	4.46	0.0404	0.000472	16.4	0.00203	0.00874	0.000259	0.000297	0.000128	0.101	0.00000203	0.000264	0.000563	0.00166	0.00039
2059 Mar	0.000248	0.00112	0.1	0.00000877	1.91	4.53	0.041	0.000479	16.7	0.00206	0.00887	0.000263	0.000301	0.00013	0.103	0.00000206	0.000268	0.000571	0.00168	0.000396
2059 Apr	0.000251	0.00113	0.101	0.00000887	1.93	4.58	0.0415	0.000485	16.9	0.00209	0.00898	0.000266	0.000305	0.000131	0.104	0.00000208	0.000271	0.000578	0.0017	0.000401
2059 May	0.000249	0.00111	0.1	0.0000087	1.9	4.5	0.0411	0.000474	16.5	0.00205	0.00881	0.000265	0.000299	0.000129	0.102	0.00000204	0.000265	0.000571	0.00167	0.000392
2059 Jun	0.000237	0.00103	0.0944	0.00000799	1.75	4.13	0.0392	0.000429	15.1	0.00188	0.00813	0.000258	0.000273	0.000118	0.0957	0.00000187	0.00024	0.000539	0.00153	0.000354
2059 Jul	0.000238	0.00103	0.095	0.00000805	1.76	4.16	0.0394	0.000432	15.1	0.00189	0.00819	0.000259	0.000275	0.000119	0.0963	0.00000189	0.000242	0.000543	0.00155	0.000357
2059 Aug	0.000239	0.00104	0.0954	0.0000081	1.77	4.19	0.0396	0.000436	15.2	0.0019	0.00823	0.00026	0.000277	0.00012	0.0968	0.0000019	0.000244	0.000545	0.00155	0.000361
2059 Sep	0.000239	0.00104	0.0955	0.00000812	1.78	4.2	0.0396	0.000439	15.2	0.00191	0.00826	0.000259	0.000278	0.00012	0.097	0.0000019	0.000245	0.000544	0.00155	0.000363
2059 Oct	0.000236	0.00104	0.095	0.00000812	1.76	4.18	0.039	0.000443	15	0.0019	0.00827	0.000254	0.000274	0.000119	0.0965	0.00000189	0.000243	0.000537	0.00154	0.000362
2059 Nov	0.000239	0.00105	0.0961	0.00000823	1.78	4.24	0.0394	0.000449	15.2	0.00192	0.00838	0.000256	0.000278	0.000121	0.0977	0.00000192	0.000246	0.000543	0.00156	0.000367
2059 Dec	0.000244	0.00107	0.0982	0.0000084	1.82	4.33	0.0403	0.000459	15.5	0.00196	0.00855	0.000262	0.000284	0.000123	0.0998	0.00000196	0.000251	0.000554	0.00159	0.000375
2060 Jan	0.000248	0.00109	0.0997	0.00000854	1.85	4.39	0.0409	0.000466	15.7	0.00199	0.00869	0.000266	0.000288	0.000125	0.101	0.00000199	0.000255	0.000563	0.00162	0.000381
2060 Feb	0.000252	0.00111	0.101	0.00000869	1.88	4.47	0.0416	0.000475	16	0.00203	0.00885	0.00027	0.000293	0.000128	0.103	0.00000202	0.00026	0.000573	0.00165	0.000388
2060 Mar	0.000256	0.00113	0.103	0.00000883	1.91	4.54	0.0423	0.000482	16.3	0.00206	0.00898	0.000275	0.000298	0.00013	0.105	0.00000205	0.000264	0.000582	0.00167	0.000394
2060 Apr	0.000259	0.00114	0.104	0.00000892	1.93	4.59	0.0427	0.000487	16.5	0.00208	0.00908	0.000278	0.000301	0.000131	0.106	0.00000208	0.000267	0.000588	0.00169	0.000398
2060 May	0.000254	0.00109	0.101	0.00000853	1.86	4.41	0.0419	0.000463	15.7	0.00199	0.00871	0.000276	0.000287	0.000126	0.102	0.00000198	0.000253	0.000573	0.00162	0.000379
2060 Jun	0.00025	0.00104	0.0986	0.00000805	1.77	4.15	0.0412	0.00043	14.8	0.00188	0.00827	0.000277	0.00027	0.000119	0.0986	0.00000188	0.000237	0.000559	0.00153	0.00035
2060 Jul	0.00025	0.00104	0.099	0.00000811	1.78	4.18	0.0414	0.000432	14.9	0.00189	0.00833	0.000278	0.000272	0.000119	0.099	0.00000189	0.000239	0.000562	0.00154	0.000352
2060 Aug	0.00025	0.00105	0.0991	0.00000815	1.79	4.19	0.0413	0.000435	14.9	0.0019	0.00835	0.000277	0.000272	0.00012	0.0993	0.0000019	0.00024	0.00056	0.00155	0.000355
2060 Sep	0.000247	0.00104	0.0983	0.00000817	1.78	4.17	0.0408	0.000439	14.7	0.00189	0.00834	0.000271	0.000269	0.000119	0.0988	0.0000019	0.000239	0.000551	0.00154	0.000355
2060 Oct	0.000246	0.00105	0.098	0.00000817	1.78	4.18	0.0405	0.000443	14.7	0.00189	0.00835	0.000269	0.000269	0.000119	0.0987	0.0000019	0.00024	0.000548	0.00153	0.000359
2060 Nov	0.000248	0.00106	0.099	0.00000826	1.8	4.23	0.0409	0.000449	14.9	0.00192	0.00845	0.000271	0.000272	0.000121	0.0998	0.00000192	0.000242	0.000553	0.00155	0.000364
2060 Dec	0.000253	0.00108	0.101	0.0000084	1.83	4.31	0.0416	0.000457	15.1	0.00195	0.00858	0.000275	0.000277	0.000123	0.101	0.00000195	0.000246	0.000562	0.00157	0.00037
2061 Jan	0.000257	0.0011	0.102	0.00000854	1.86	4.38	0.0423	0.000464	15.4	0.00198	0.00873	0.00028	0.000281	0.000125	0.103	0.00000198	0.000251	0.000572	0.0016	0.000377
2061 Feb	0.000261	0.00111	0.104	0.00000868	1.89	4.45	0.043	0.000472	15.7	0.00202	0.00888	0.000284	0.000286	0.000127	0.105	0.00000202	0.000255	0.000582	0.00163	0.000383
2061 Mar	0.000265	0.00113	0.105	0.00000881	1.92	4.52	0.0436	0.000479	15.9	0.00204	0.009	0.000288	0.00029	0.000129	0.106	0.00000205	0.000258	0.00059	0.00165	0.000388
2061 Apr	0.000268	0.00114	0.107	0.0000089	1.94	4.57	0.0441	0.000484	16	0.00207	0.0091	0.000292	0.000293	0.00013	0.108	0.00000207	0.000261	0.000596	0.00167	0.000393
2061 May	0.000263	0.0011	0.104	0.00000854	1.87	4.4	0.0434	0.000462	15.4	0.00199	0.00876	0.00029	0.000282	0.000126	0.105	0.00000198	0.000249	0.000583	0.0016	0.000376
2061 Jun	0.000255	0.00104	0.0997	0.00000798	1.77	4.13	0.0421	0.000426	14.5	0.00186	0.00823	0.000287	0.000264	0.000118	0.0996	0.00000187	0.000232	0.000562	0.00151	0.000349
2061 Jul	0.000256	0.00104	0.1	0.00000803	1.78	4.15	0.0422	0.000429	14.5	0.00187	0.00828	0.000287	0.000265	0.000119	0.0999	0.00000188	0.000234	0.000564	0.00152	0.000352
2061 Aug	0.000257	0.00105	0.101	0.00000809	1.79	4.18	0.0424	0.000432	14.6	0.00188	0.00833	0.000288	0.000267	0.00012	0.1	0.00000189	0.000236	0.000566	0.00153	0.000355
2061 Sep	0.000257	0.00105	0.101	0.00000811	1.79	4.2	0.0424	0.000435	14.6	0.00189	0.00834	0.000287	0.000268	0.00012	0.101	0.00000189	0.000237	0.000566	0.00153	0.000359

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Oct	0.000255	0.00105	0.1	0.00000813	1.79	4.21	0.042	0.00044	14.5	0.00189	0.00836	0.000283	0.000267	0.00012	0.101	0.00000189	0.000237	0.000561	0.00152	0.000363
2061 Nov	0.00026	0.00108	0.102	0.0000083	1.83	4.3	0.0428	0.000451	14.8	0.00193	0.00855	0.000288	0.000273	0.000123	0.103	0.00000193	0.000242	0.000572	0.00155	0.000371
2061 Dec	0.000265	0.0011	0.104	0.00000846	1.86	4.38	0.0436	0.00046	15	0.00197	0.0087	0.000293	0.000278	0.000125	0.105	0.00000196	0.000246	0.000582	0.00158	0.000379
2062 Jan	0.000269	0.00112	0.106	0.00000861	1.89	4.46	0.0444	0.000468	15.3	0.00201	0.00886	0.000298	0.000283	0.000127	0.106	0.000002	0.000251	0.000592	0.00161	0.000386
2062 Feb	0.000273	0.00113	0.108	0.00000873	1.92	4.52	0.045	0.000474	15.5	0.00203	0.00898	0.000302	0.000287	0.000129	0.108	0.00000203	0.000254	0.000601	0.00163	0.000391
2062 Mar	0.000277	0.00115	0.109	0.00000884	1.94	4.58	0.0456	0.000481	15.7	0.00206	0.0091	0.000306	0.000291	0.000131	0.109	0.00000205	0.000257	0.000609	0.00165	0.000396
2062 Apr	0.000279	0.00116	0.11	0.00000893	1.96	4.63	0.046	0.000485	15.9	0.00208	0.00919	0.000309	0.000293	0.000132	0.11	0.00000207	0.00026	0.000615	0.00167	0.0004
2062 May	0.000282	0.00117	0.111	0.000009	1.98	4.67	0.0464	0.00049	16	0.0021	0.00927	0.000312	0.000296	0.000133	0.111	0.00000209	0.000262	0.00062	0.00168	0.000404
2062 Jun	0.00025	0.00105	0.1	0.00000828	1.79	4.16	0.0412	0.000438	14.5	0.0019	0.00849	0.000276	0.00027	0.000119	0.0997	0.00000193	0.000237	0.000561	0.00156	0.000361
2062 Jul	0.00024	0.00102	0.0966	0.00000812	1.75	4.01	0.0393	0.000423	14.2	0.00184	0.0083	0.000262	0.000264	0.000115	0.0961	0.00000189	0.000231	0.000543	0.00154	0.000349
2062 Aug	0.000239	0.00102	0.0965	0.00000816	1.75	4.01	0.0391	0.000426	14.1	0.00184	0.00832	0.00026	0.000263	0.000115	0.0961	0.0000019	0.000232	0.000539	0.00154	0.000351
2062 Sep	0.000237	0.00103	0.096	0.00000816	1.74	4.01	0.0388	0.00043	14.1	0.00184	0.00832	0.000256	0.000262	0.000115	0.0959	0.0000019	0.000232	0.000534	0.00153	0.000353
2062 Oct	0.000234	0.00103	0.095	0.00000814	1.74	4	0.038	0.000437	14.1	0.00184	0.00833	0.000249	0.000259	0.000115	0.0954	0.0000019	0.000233	0.000524	0.00152	0.000357
2062 Nov	0.000238	0.00105	0.0966	0.00000829	1.78	4.08	0.0387	0.000446	14.4	0.00187	0.00849	0.000253	0.000264	0.000117	0.0971	0.00000193	0.000237	0.000533	0.00155	0.000364
2062 Dec	0.000243	0.00107	0.0986	0.00000846	1.81	4.16	0.0395	0.000455	14.7	0.00191	0.00866	0.000259	0.000269	0.000119	0.0992	0.00000197	0.000242	0.000544	0.00158	0.000372
2063 Jan	0.000247	0.00109	0.1	0.00000862	1.85	4.24	0.0402	0.000464	15	0.00195	0.00882	0.000263	0.000275	0.000122	0.101	0.00000201	0.000247	0.000554	0.00161	0.000379
2063 Feb	0.000252	0.00111	0.102	0.00000877	1.88	4.31	0.0409	0.000472	15.2	0.00198	0.00897	0.000268	0.000279	0.000124	0.103	0.00000204	0.000251	0.000564	0.00164	0.000385
2063 Mar	0.000256	0.00113	0.104	0.00000891	1.91	4.38	0.0416	0.000479	15.5	0.00201	0.00912	0.000272	0.000284	0.000126	0.104	0.00000208	0.000255	0.000573	0.00166	0.000392
2063 Apr	0.000258	0.00114	0.105	0.00000901	1.93	4.43	0.042	0.000484	15.6	0.00204	0.00922	0.000275	0.000287	0.000127	0.106	0.0000021	0.000258	0.000579	0.00168	0.000396
2063 May	0.000256	0.00112	0.104	0.00000883	1.89	4.35	0.0417	0.000473	15.3	0.002	0.00905	0.000275	0.000281	0.000125	0.104	0.00000206	0.000252	0.000573	0.00165	0.000386
2063 Jun	0.000245	0.00102	0.0979	0.00000806	1.75	3.93	0.0399	0.000418	14.1	0.00181	0.00832	0.000271	0.000254	0.000113	0.0967	0.00000189	0.000227	0.000546	0.00152	0.000337
2063 Jul	0.000242	0.00102	0.0972	0.00000807	1.75	3.9	0.0394	0.000416	14.1	0.0018	0.00831	0.000267	0.000255	0.000113	0.0959	0.00000189	0.000227	0.000543	0.00153	0.000337
2063 Aug	0.000243	0.00102	0.0976	0.00000812	1.76	3.93	0.0396	0.00042	14.1	0.00182	0.00836	0.000267	0.000256	0.000114	0.0964	0.00000191	0.000229	0.000544	0.00153	0.000341
2063 Sep	0.000242	0.00103	0.0975	0.00000815	1.76	3.95	0.0395	0.000423	14.1	0.00182	0.00837	0.000266	0.000257	0.000114	0.0966	0.00000191	0.00023	0.000542	0.00153	0.000345
2063 Oct	0.000239	0.00102	0.0964	0.00000808	1.74	3.92	0.0389	0.000423	13.9	0.00181	0.0083	0.000261	0.000254	0.000113	0.0957	0.00000189	0.000228	0.000535	0.00152	0.000345
2063 Nov	0.000242	0.00103	0.0977	0.00000819	1.76	3.98	0.0395	0.000429	14.1	0.00183	0.00842	0.000264	0.000258	0.000115	0.097	0.00000191	0.000231	0.000542	0.00154	0.00035
2063 Dec	0.000245	0.00105	0.099	0.0000083	1.79	4.03	0.04	0.000435	14.3	0.00186	0.00853	0.000268	0.000261	0.000116	0.0983	0.00000194	0.000234	0.000549	0.00156	0.000355
2064 Jan	0.00025	0.00106	0.101	0.00000844	1.82	4.1	0.0407	0.000442	14.5	0.00189	0.00867	0.000272	0.000266	0.000118	0.0999	0.00000197	0.000238	0.000558	0.00158	0.000362
2064 Feb	0.000254	0.00108	0.102	0.00000858	1.85	4.17	0.0413	0.000449	14.8	0.00192	0.00882	0.000277	0.00027	0.00012	0.102	0.000002	0.000242	0.000567	0.00161	0.000368
2064 Mar	0.000257	0.00109	0.103	0.00000867	1.87	4.21	0.0418	0.000454	14.9	0.00194	0.00891	0.00028	0.000273	0.000121	0.103	0.00000203	0.000244	0.000574	0.00163	0.000372
2064 Apr	0.00026	0.00111	0.105	0.00000878	1.89	4.27	0.0423	0.00046	15.1	0.00197	0.00902	0.000283	0.000276	0.000123	0.104	0.00000205	0.000247	0.000581	0.00165	0.000376
2064 May	0.000259	0.00108	0.104	0.00000857	1.85	4.19	0.0422	0.000447	14.7	0.00192	0.00882	0.000285	0.00027	0.000121	0.103	0.000002	0.00024	0.000576	0.00161	0.000367
2064 Jun	0.000255	0.00102	0.101	0.00000801	1.76	3.95	0.0418	0.000412	13.9	0.00181	0.00831	0.000289	0.000253	0.000114	0.0987	0.00000188	0.000224	0.000563	0.00151	0.00034
2064 Jul	0.000255	0.00103	0.101	0.00000806	1.77	3.97	0.0417	0.000413	13.9	0.00181	0.00835	0.000288	0.000255	0.000114	0.0988	0.00000189	0.000225	0.000563	0.00152	0.000342
2064 Aug	0.000254	0.00103	0.101	0.0000081	1.77	3.98	0.0417	0.000416	13.9	0.00182	0.00837	0.000287	0.000255	0.000115	0.0989	0.00000189	0.000225	0.000561	0.00152	0.000345
2064 Sep	0.000252	0.00103	0.1	0.00000811	1.77	3.99	0.0412	0.000421	13.8	0.00182	0.00836	0.000282	0.000254	0.000115	0.0987	0.00000189	0.000226	0.000555	0.00152	0.00035
2064 Oct	0.000253	0.00104	0.1	0.00000815	1.77	4.02	0.0413	0.000425	13.9	0.00184	0.0084	0.000282	0.000256	0.000116	0.0992	0.0000019	0.000227	0.000556	0.00152	0.000357
2064 Nov	0.000256	0.00105	0.102	0.00000826	1.8	4.08	0.0419	0.000431	14.1	0.00186	0.00851	0.000286	0.00026	0.000117	0.101	0.00000192	0.00023	0.000563	0.00154	0.000363
2064 Dec	0.00026	0.00107	0.103	0.00000838	1.83	4.15	0.0425	0.000438	14.3	0.00189	0.00864	0.00029	0.000264	0.000119	0.102	0.00000195	0.000234	0.000572	0.00156	0.000369
2065 Jan	0.000265	0.00109	0.105	0.00000853	1.86	4.22	0.0433	0.000446	14.5	0.00193	0.0088	0.000295	0.000269	0.000121	0.104	0.00000199	0.000238	0.000582	0.00159	0.000376
2065 Feb	0.000269	0.00111	0.107	0.00000867	1.89	4.29	0.044	0.000453	14.8	0.00196	0.00894	0.0003	0.000273	0.000123	0.106	0.00000202	0.000242	0.000592	0.00162	0.000382
2065 Mar	0.000272	0.00112	0.108	0.00000878	1.91	4.34	0.0445	0.000459	15	0.00198	0.00905	0.000304	0.000277	0.000125	0.107	0.00000204	0.000245	0.000599	0.00164	0.000386
2065 Apr	0.000275	0.00113	0.109	0.00000886	1.93	4.38	0.045	0.000463	15.1	0.002	0.00914	0.000307	0.000279	0.000126	0.108	0.00000206	0.000247	0.000605	0.00165	0.00039
2065 May	0.00027	0.0011	0.107	0.00000857	1.87	4.26	0.0442	0.000447	14.5	0.00194	0.00884	0.000303	0.000271	0.000122	0.105	0.00000199	0.000238	0.000592	0.0016	0.000378
2065 Jun	0.000261	0.00104	0.103	0.00000811	1.78	4.01	0.0428	0.000416	13.8	0.00183	0.00841	0.000298	0.000256	0.000116	0.101	0.00000189	0.000224	0.000573	0.00153	0.00035
2065 Jul	0.000261	0.00104	0.103	0.00000817	1.79	4.03	0.0428	0.000418	13.9	0.00184	0.00845	0.000297	0.000258	0.000116	0.101	0.00000191	0.000226	0.000575	0.00154	0.000354
2065 Aug	0.000262	0.00105	0.103	0.00000822	1.8	4.06	0.043	0.000421	14	0.00185	0.00849	0.000297	0.000259	0.000117	0.101	0.00000192	0.000227	0.000576	0.00154	0.000358
2065 Sep	0.00026	0.00105	0.103	0.00000823	1.79	4.06	0.0425	0.000426	13.9	0.00185	0.0085	0.000293	0.000258	0.000117	0.101	0.00000191	0.000228	0.00057	0.00154	0.000361
2065 Oct	0.000255	0.00105	0.101	0.00000821	1.78	4.04	0.0415	0.000433	13.8	0.00184	0.00849	0.000283	0.000254	0.000116	0.1	0.00000191	0.000227	0.000557	0.00152	0.000363
2065 Nov	0.000259	0.00107	0.103	0.00000835	1.81	4.11	0.0421	0.000442	14	0.00187	0.00865	0.000287	0.000258	0.000118	0.102	0.00000194	0.000231	0.000565	0.00154	0.00037
2065 Dec	0.000264	0.00109	0.105	0.00000851	1.85	4.19	0.0429	0.00045	14.3	0.00191	0.00881	0.000292	0.000263	0.00012	0.104	0.00000198	0.000236	0.000576	0.00157	0.000378
2066 Jan	0.000268	0.0011	0.106	0.00000863	1.87	4.25	0.0435	0.000457	14.5	0.00194	0.00894	0.000296	0.000267	0.000122	0.105	0.000002	0.000239	0.000584	0.00159	0.000384
2066 Feb	0.000271	0.00112	0.108	0.00000875	1.9	4.3	0.0441	0.000463	14.7	0.00196	0.00906	0.0003	0.000271	0.000123	0.107	0.00000203	0.000242	0.000591	0.00161	0.000389
2066 Mar	0.000274	0.00113	0.109	0.00000884	1.92	4.35	0.0446	0.000468	14.8	0.00198	0.00915	0.000303	0.000273	0.000125	0.108	0.00000205	0.000245	0.000598	0.00163	0.000393
2066 Apr	0.000277	0.00114	0.11	0.00000894	1.94	4.4	0.0451	0.000473	15	0.00201	0.00926	0.000307	0.000277	0.000126	0.109	0.00000208	0.000247	0.000605	0.00165	0.000397
2066 May	0.000278	0.00114	0.111	0.00000896	1.95	4.41	0.0453	0.000474	15	0.00201	0.00928	0.000308	0.000277	0.000126	0.109	0.00000208	0.000248	0.000607	0.00165	0.000398
2066 Jun	0.000252	0.00103	0.101	0.00000817	1.76	3.93	0.0411	0.000419	13.6	0.00181	0.00845	0.000282	0.000251	0.000113	0.0987	0.0000019	0.000223	0.000557	0.00152	0.00035
2066 Jul	0.000251	0.00103	0.101	0.00000823	1.77	3.94	0.0409	0.00042	13.7	0.00182	0.0085	0.00028	0.000253	0.000114	0.0986	0.00000191	0.000224	0.000557	0.00154	0.000352
2066 Aug	0.000252	0.00104	0.101	0.00000828	1.78	3.97	0.041	0.000424	13.7	0.00183	0.00854	0.00028	0.000255	0.000114	0.0991	0.00000192	0.000226	0.000559	0.00154	0.000357
2066 Sep	0.000251	0.00104	0.101	0.0000083	1.78	3.98	0.0409	0.000428	13.7	0.00183	0.00856	0.000278	0.000255	0.000115	0.0992	0.00000192	0.000226	0.000557	0.00154	0.00036
2066 Oct	0.00025	0.00104	0.101	0.00000831	1.78	3.99	0.0406	0.000431	13.6	0.00183	0.00857	0.000275	0.000254	0.000115	0.0991	0.00000192	0.000226	0.000553	0.00154	0.000364
2066 Nov	0.000253	0.00106	0.102	0.0000084	1.79	4.03	0.041	0.000437	13.8	0.00185	0.00866	0.000278	0.000257	0.000116	0.1	0.00000194	0.000229	0.000558	0.00155	0.000369
2066 Dec	0.000257	0.00108	0.104	0.00000856	1.83	4.11	0.0418	0.000445	14	0.00189	0.00883	0.000283	0.000262	0.000118	0.102	0.00000198	0.000233	0.000569	0.00158	0.000376
2067 Jan	0.000261	0.00109	0.105	0.0000087	1.86	4.17	0.0424	0.000452	14.2	0.00192	0.00897	0.000287	0.000266	0.00012	0.104	0.00000201	0.000237	0.000578	0.00161	0.000382
2067 Feb	0.000265	0.00111	0.107	0.00000882	1.88	4.24	0.043	0.000459	14.4	0.00195	0.0091	0.000291	0.00027	0.000122	0.105	0.00000204	0.00024	0.000586	0.00163	0.000388
2067 Mar	0.000269	0.00112	0.108	0.00000895	1.91	4.29	0.0436	0.000465	14.6	0.00197	0.00922	0.000295	0.000274	0.000123	0.107	0.00000207	0.000244	0.000594	0.00165	0.000393
2067 Apr	0.000272	0.00114	0.11	0.00000906	1.93	4.35	0.0442	0.000471	14.8	0.002	0.00934	0.000299	0.000277	0.000125	0.108	0.00000209	0.000247	0.000602	0.00167	0.000398

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 May	0.000267	0.0011	0.107	0.00000876	1.87	4.21	0.0433	0.000453	14.3	0.00193	0.00904	0.000295	0.000268	0.000121	0.105	0.00000202	0.000237	0.000588	0.00162	0.000381
2067 Jun	0.000254	0.00102	0.101	0.00000811	1.74	3.89	0.0414	0.000412	13.2	0.00178	0.0084	0.000287	0.000247	0.000112	0.0984	0.00000187	0.000218	0.000559	0.0015	0.000344
2067 Jul	0.000255	0.00103	0.102	0.00000817	1.75	3.91	0.0415	0.000415	13.3	0.00179	0.00845	0.000287	0.000249	0.000113	0.0989	0.00000189	0.000219	0.000561	0.00152	0.000348
2067 Aug	0.000254	0.00103	0.102	0.00000822	1.76	3.93	0.0414	0.000417	13.3	0.0018	0.00848	0.000286	0.00025	0.000113	0.099	0.00000189	0.00022	0.000559	0.00152	0.000352
2067 Sep	0.000254	0.00103	0.102	0.00000824	1.76	3.94	0.0413	0.00042	13.3	0.00181	0.00849	0.000284	0.00025	0.000113	0.0991	0.00000189	0.000221	0.000557	0.00152	0.000355
2067 Oct	0.000252	0.00103	0.102	0.00000826	1.76	3.94	0.041	0.000425	13.2	0.00181	0.00852	0.000281	0.000249	0.000113	0.099	0.00000189	0.000221	0.000553	0.00151	0.000358
2067 Nov	0.000255	0.00105	0.103	0.00000835	1.77	3.99	0.0413	0.000431	13.3	0.00183	0.00862	0.000282	0.000251	0.000114	0.1	0.00000192	0.000224	0.000558	0.00153	0.000363
2067 Dec	0.000258	0.00106	0.104	0.00000848	1.8	4.05	0.0419	0.000438	13.5	0.00186	0.00875	0.000287	0.000255	0.000116	0.102	0.00000194	0.000227	0.000566	0.00155	0.000369
2068 Jan	0.000262	0.00108	0.106	0.00000859	1.82	4.1	0.0425	0.000444	13.7	0.00188	0.00886	0.000291	0.000259	0.000118	0.103	0.00000197	0.00023	0.000574	0.00157	0.000374
2068 Feb	0.000266	0.00109	0.107	0.00000874	1.86	4.17	0.0432	0.000451	13.9	0.00191	0.00901	0.000295	0.000263	0.00012	0.105	0.000002	0.000234	0.000583	0.0016	0.00038
2068 Mar	0.00027	0.00111	0.109	0.00000884	1.88	4.22	0.0438	0.000457	14.1	0.00194	0.00912	0.000299	0.000266	0.000121	0.106	0.00000203	0.000237	0.00059	0.00162	0.000385
2068 Apr	0.000272	0.00112	0.11	0.00000893	1.9	4.27	0.0442	0.000461	14.3	0.00195	0.00921	0.000302	0.000269	0.000122	0.107	0.00000205	0.000239	0.000596	0.00163	0.000389
2068 May	0.000271	0.0011	0.109	0.00000876	1.86	4.19	0.044	0.00045	14	0.00192	0.00905	0.000302	0.000264	0.00012	0.106	0.00000201	0.000234	0.000591	0.0016	0.000379
2068 Jun	0.000262	0.00103	0.104	0.00000816	1.76	3.91	0.0427	0.00041	13.2	0.00179	0.00847	0.0003	0.000246	0.000112	0.1	0.00000188	0.000217	0.000572	0.00151	0.000344
2068 Jul	0.000261	0.00103	0.104	0.00000821	1.76	3.91	0.0425	0.000411	13.2	0.00179	0.0085	0.000298	0.000248	0.000113	0.1	0.00000189	0.000218	0.000571	0.00152	0.000348
2068 Aug	0.000262	0.00104	0.105	0.00000826	1.77	3.94	0.0427	0.000415	13.3	0.00181	0.00855	0.000299	0.000249	0.000113	0.101	0.0000019	0.000219	0.000573	0.00153	0.000352
2068 Sep	0.000261	0.00104	0.104	0.00000829	1.77	3.95	0.0425	0.000419	13.2	0.00181	0.00857	0.000296	0.000249	0.000114	0.101	0.0000019	0.00022	0.00057	0.00152	0.000354
2068 Oct	0.000261	0.00104	0.105	0.00000832	1.78	3.97	0.0425	0.000422	13.2	0.00181	0.00861	0.000296	0.00025	0.000114	0.101	0.00000191	0.000221	0.000571	0.00153	0.000357
2068 Nov	0.000265	0.00106	0.106	0.00000842	1.8	4.02	0.0431	0.000427	13.4	0.00184	0.00871	0.000299	0.000253	0.000115	0.102	0.00000193	0.000223	0.000578	0.00155	0.000362
2068 Dec	0.000268	0.00107	0.107	0.00000855	1.83	4.08	0.0437	0.000433	13.6	0.00186	0.00884	0.000304	0.000256	0.000117	0.104	0.00000196	0.000227	0.000586	0.00157	0.000368
2069 Jan	0.000273	0.00109	0.109	0.00000869	1.86	4.15	0.0444	0.000441	13.8	0.0019	0.00899	0.000309	0.000261	0.000119	0.106	0.00000199	0.00023	0.000596	0.0016	0.000374
2069 Feb	0.000277	0.00111	0.111	0.00000882	1.89	4.21	0.0451	0.000447	14	0.00192	0.00912	0.000314	0.000265	0.000121	0.107	0.00000202	0.000234	0.000605	0.00162	0.00038
2069 Mar	0.000281	0.00112	0.113	0.00000896	1.91	4.27	0.0458	0.000454	14.2	0.00195	0.00926	0.000318	0.000269	0.000123	0.109	0.00000205	0.000237	0.000614	0.00164	0.000386
2069 Apr	0.000284	0.00113	0.114	0.00000906	1.93	4.32	0.0463	0.000459	14.4	0.00198	0.00937	0.000322	0.000272	0.000124	0.11	0.00000207	0.00024	0.000621	0.00166	0.00039
2069 May	0.000285	0.00114	0.114	0.00000907	1.94	4.33	0.0464	0.00046	14.4	0.00198	0.00938	0.000323	0.000272	0.000124	0.11	0.00000208	0.00024	0.000623	0.00166	0.000391
2069 Jun	0.000257	0.00102	0.104	0.00000829	1.75	3.87	0.0418	0.000409	13	0.00178	0.00854	0.000292	0.000248	0.000111	0.0991	0.0000019	0.000216	0.000568	0.00153	0.000345
2069 Jul	0.000255	0.00102	0.103	0.00000833	1.75	3.86	0.0416	0.000409	13	0.00179	0.00857	0.000289	0.000249	0.000111	0.0989	0.0000019	0.000217	0.000568	0.00154	0.000347
2069 Aug	0.000255	0.00103	0.103	0.00000837	1.76	3.88	0.0416	0.000412	13	0.00179	0.0086	0.000289	0.00025	0.000112	0.0992	0.00000191	0.000218	0.000567	0.00155	0.00035
2069 Sep	0.000253	0.00103	0.103	0.00000837	1.75	3.87	0.0411	0.000416	13	0.00179	0.0086	0.000284	0.000248	0.000111	0.0988	0.00000191	0.000218	0.00056	0.00154	0.000351
2069 Oct	0.00025	0.00103	0.102	0.00000836	1.75	3.85	0.0403	0.000422	13	0.00178	0.00862	0.000277	0.000244	0.000111	0.0981	0.00000191	0.000219	0.000551	0.00153	0.000351
2069 Nov	0.000251	0.00104	0.103	0.00000843	1.76	3.88	0.0405	0.000426	13.1	0.00179	0.00869	0.000278	0.000246	0.000111	0.0988	0.00000192	0.00022	0.000553	0.00154	0.000353
2069 Dec	0.000256	0.00106	0.105	0.00000861	1.8	3.96	0.0413	0.000435	13.4	0.00183	0.00887	0.000283	0.000251	0.000114	0.101	0.00000196	0.000225	0.000565	0.00157	0.000361
2070 Jan	0.000261	0.00108	0.107	0.00000878	1.83	4.04	0.0422	0.000444	13.6	0.00187	0.00905	0.000289	0.000256	0.000116	0.103	0.000002	0.000229	0.000576	0.0016	0.000368
2070 Feb	0.000265	0.0011	0.109	0.00000892	1.86	4.1	0.0429	0.000451	13.8	0.0019	0.0092	0.000294	0.00026	0.000118	0.105	0.00000204	0.000233	0.000585	0.00162	0.000374
2070 Mar	0.000269	0.00111	0.11	0.00000906	1.89	4.16	0.0435	0.000458	14.1	0.00193	0.00933	0.000298	0.000264	0.00012	0.106	0.00000207	0.000236	0.000594	0.00165	0.00038
2070 Apr	0.000272	0.00112	0.111	0.00000914	1.91	4.2	0.0439	0.000462	14.2	0.00194	0.00942	0.000301	0.000266	0.000121	0.107	0.00000209	0.000239	0.0006	0.00166	0.000383
2070 May	0.000268	0.0011	0.109	0.00000891	1.87	4.1	0.0434	0.000448	13.8	0.0019	0.0092	0.000299	0.000259	0.000118	0.105	0.00000203	0.000232	0.00059	0.00162	0.000371
2070 Jun	0.000261	0.00103	0.105	0.00000835	1.76	3.85	0.0423	0.000413	13	0.00178	0.00866	0.000297	0.000243	0.000111	0.1	0.00000191	0.000216	0.000571	0.00153	0.000339
2070 Jul	0.000261	0.00104	0.106	0.0000084	1.77	3.87	0.0424	0.000415	13	0.00179	0.0087	0.000297	0.000245	0.000111	0.101	0.00000192	0.000217	0.000573	0.00154	0.000342
2070 Aug	0.000262	0.00104	0.106	0.00000845	1.78	3.89	0.0424	0.000418	13.1	0.00179	0.00873	0.000297	0.000246	0.000112	0.101	0.00000192	0.000218	0.000573	0.00154	0.000346
2070 Sep	0.000259	0.00104	0.105	0.00000846	1.77	3.88	0.0419	0.000422	13	0.00179	0.00874	0.000292	0.000243	0.000111	0.1	0.00000192	0.000218	0.000567	0.00153	0.000346
2070 Oct	0.000257	0.00104	0.105	0.00000846	1.77	3.87	0.0414	0.000426	13	0.00178	0.00876	0.000287	0.000241	0.000111	0.1	0.00000192	0.000219	0.00056	0.00153	0.000346
2070 Nov	0.000261	0.00106	0.107	0.00000861	1.8	3.94	0.0421	0.000434	13.2	0.00182	0.00892	0.000292	0.000246	0.000113	0.102	0.00000196	0.000223	0.00057	0.00155	0.000353
2070 Dec	0.000267	0.00108	0.109	0.00000881	1.84	4.03	0.0431	0.000445	13.5	0.00186	0.00913	0.000298	0.000251	0.000116	0.104	0.000002	0.000228	0.000583	0.00159	0.000362
2071 Jan	0.000272	0.0011	0.111	0.00000898	1.88	4.11	0.0439	0.000453	13.8	0.0019	0.0093	0.000304	0.000256	0.000118	0.106	0.00000204	0.000232	0.000594	0.00162	0.000369
2071 Feb	0.000278	0.00113	0.113	0.00000916	1.91	4.19	0.0448	0.000462	14.1	0.00193	0.00948	0.00031	0.000261	0.00012	0.108	0.00000208	0.000237	0.000606	0.00165	0.000376
2071 Mar	0.000282	0.00114	0.115	0.0000093	1.95	4.25	0.0455	0.000469	14.3	0.00196	0.00963	0.000315	0.000265	0.000122	0.11	0.00000211	0.00024	0.000616	0.00168	0.000382
2071 Apr	0.000285	0.00116	0.116	0.0000094	1.97	4.3	0.046	0.000474	14.4	0.00198	0.00974	0.000318	0.000268	0.000123	0.111	0.00000214	0.000243	0.000622	0.0017	0.000386
2071 May	0.000279	0.00112	0.113	0.00000907	1.9	4.16	0.0451	0.000456	13.9	0.00192	0.00941	0.000314	0.000259	0.000119	0.108	0.00000206	0.000234	0.000608	0.00164	0.00037
2071 Jun	0.000265	0.00103	0.107	0.00000836	1.77	3.83	0.043	0.000412	12.9	0.00176	0.0087	0.000304	0.000239	0.00011	0.101	0.0000019	0.000214	0.000577	0.00152	0.000331
2071 Jul	0.000264	0.00103	0.107	0.00000839	1.77	3.83	0.0428	0.000412	13	0.00177	0.00872	0.000302	0.00024	0.00011	0.101	0.00000191	0.000215	0.000577	0.00153	0.000332
2071 Aug	0.000265	0.00104	0.107	0.00000844	1.78	3.85	0.0429	0.000415	13	0.00178	0.00876	0.000303	0.000241	0.000111	0.101	0.00000192	0.000216	0.000578	0.00154	0.000335
2071 Sep	0.000263	0.00104	0.106	0.00000845	1.78	3.84	0.0425	0.000418	12.9	0.00177	0.00876	0.000299	0.000239	0.00011	0.101	0.00000192	0.000216	0.000572	0.00153	0.000336
2071 Oct	0.000262	0.00104	0.107	0.00000848	1.78	3.85	0.0424	0.000422	13	0.00178	0.0088	0.000297	0.000239	0.000111	0.101	0.00000192	0.000217	0.00057	0.00153	0.000338
2071 Nov	0.000261	0.00104	0.106	0.00000847	1.77	3.84	0.0421	0.000422	12.9	0.00177	0.00879	0.000295	0.000238	0.00011	0.101	0.00000192	0.000217	0.000567	0.00152	0.000337
2071 Dec	0.000266	0.00106	0.108	0.00000863	1.81	3.91	0.0429	0.00043	13.2	0.0018	0.00895	0.0003	0.000242	0.000112	0.103	0.00000196	0.000221	0.000578	0.00155	0.000343
2072 Jan	0.000271	0.00108	0.11	0.00000878	1.84	3.98	0.0437	0.000438	13.4	0.00184	0.00911	0.000306	0.000247	0.000114	0.104	0.00000199	0.000225	0.000588	0.00158	0.00035
2072 Feb	0.000276	0.0011	0.112	0.00000896	1.88	4.06	0.0446	0.000447	13.7	0.00187	0.0093	0.000312	0.000252	0.000117	0.107	0.00000203	0.000229	0.0006	0.00161	0.000357
2072 Mar	0.00028	0.00111	0.114	0.00000909	1.9	4.12	0.0452	0.000453	13.9	0.0019	0.00943	0.000316	0.000255	0.000118	0.108	0.00000206	0.000233	0.000609	0.00164	0.000362
2072 Apr	0.000283	0.00113	0.115	0.00000919	1.93	4.16	0.0457	0.000458	14	0.00192	0.00953	0.00032	0.000258	0.00012	0.109	0.00000208	0.000235	0.000616	0.00165	0.000366
2072 May	0.000285	0.00113	0.116	0.00000925	1.94	4.19	0.046	0.000461	14.1	0.00194	0.0096	0.000322	0.00026	0.00012	0.11	0.0000021	0.000237	0.00062	0.00167	0.000368
2072 Jun	0.000256	0.00103	0.105	0.0000085	1.76	3.77	0.0412	0.000414	12.8	0.00175	0.00878	0.000288	0.000239	0.000109	0.0991	0.00000193	0.000215	0.000564	0.00154	0.00033
2072 Jul	0.000252	0.00102	0.104	0.00000847	1.74	3.73	0.0405	0.000411	12.7	0.00174	0.00873	0.000283	0.000237	0.000108	0.0979	0.00000192	0.000213	0.000557	0.00154	0.000328
2072 Aug	0.000249	0.00102	0.103	0.00000849	1.74	3.71	0.04	0.000414	12.7	0.00174	0.00871	0.000277	0.000235	0.000107	0.0974	0.00000192	0.000214	0.000548	0.00153	0.000328
2072 Sep	0.000246	0.00102	0.102	0.00000849	1.74	3.69	0.0394	0.000417	12.7	0.00173	0.0087	0.000272	0.000233	0.000107	0.097	0.00000192	0.000214	0.00054	0.00152	0.000327
2072 Oct	0.000243	0.00101	0.101	0.00000847	1.73	3.67	0.0388	0.000421	12.7	0.00172	0.0087	0.000266	0.00023	0.000106	0.0964	0.00000192	0.000214	0.000532	0.00151	0.000327
2072 Nov	0.000247	0.00103	0.103	0.00000861	1.76	3.74	0.0394	0.000429	12.9	0.00175	0.00885	0.00027	0.000234	0.000108	0.098	0.00000195	0.000218	0.00054	0.00153	0.000334

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2072 Dec	0.000252	0.00105	0.105	0.00000879	1.8	3.81	0.0402	0.000438	13.2	0.00179	0.00903	0.000275	0.000238	0.00011	0.1	0.00000199	0.000222	0.000551	0.00157	0.000341
2073 Jan	0.000256	0.00107	0.107	0.00000894	1.83	3.88	0.0409	0.000445	13.4	0.00182	0.00918	0.00028	0.000243	0.000112	0.102	0.00000202	0.000226	0.00056	0.00159	0.000347
2073 Feb	0.000261	0.00109	0.109	0.00000909	1.86	3.95	0.0416	0.000453	13.6	0.00185	0.00934	0.000285	0.000247	0.000114	0.103	0.00000206	0.00023	0.00057	0.00162	0.000353
2073 Mar	0.000264	0.00111	0.11	0.00000922	1.89	4	0.0422	0.000459	13.8	0.00188	0.00947	0.000289	0.00025	0.000116	0.105	0.00000209	0.000233	0.000578	0.00164	0.000358
2073 Apr	0.000267	0.00111	0.111	0.0000093	1.9	4.04	0.0426	0.000463	14	0.0019	0.00956	0.000292	0.000252	0.000117	0.106	0.00000211	0.000235	0.000583	0.00166	0.000361
2073 May	0.000263	0.00108	0.109	0.00000898	1.84	3.93	0.0421	0.000445	13.5	0.00184	0.00924	0.000291	0.000245	0.000113	0.103	0.00000203	0.000226	0.000573	0.0016	0.00035
2073 Jun	0.000257	0.00102	0.105	0.00000845	1.75	3.73	0.0414	0.000413	12.7	0.00174	0.00874	0.000291	0.000233	0.000108	0.0994	0.00000192	0.000211	0.00056	0.00152	0.000328
2073 Jul	0.000257	0.00103	0.105	0.00000849	1.76	3.74	0.0413	0.000415	12.8	0.00174	0.00876	0.00029	0.000234	0.000108	0.0994	0.00000192	0.000213	0.000559	0.00153	0.00033
2073 Aug	0.000257	0.00103	0.106	0.00000853	1.77	3.76	0.0414	0.000417	12.8	0.00175	0.00879	0.00029	0.000234	0.000109	0.0996	0.00000193	0.000214	0.000559	0.00153	0.000333
2073 Sep	0.000256	0.00103	0.105	0.00000855	1.76	3.76	0.0411	0.00042	12.8	0.00175	0.0088	0.000287	0.000233	0.000108	0.0995	0.00000193	0.000215	0.000555	0.00153	0.000334
2073 Oct	0.000253	0.00103	0.104	0.00000853	1.75	3.74	0.0405	0.000423	12.7	0.00174	0.00878	0.000282	0.000231	0.000108	0.0989	0.00000192	0.000214	0.000548	0.00151	0.000335
2073 Nov	0.000256	0.00104	0.106	0.00000864	1.78	3.79	0.041	0.000429	12.9	0.00177	0.0089	0.000284	0.000234	0.000109	0.1	0.00000195	0.000217	0.000554	0.00153	0.000341
2073 Dec	0.000261	0.00106	0.108	0.0000088	1.81	3.86	0.0417	0.000437	13.1	0.0018	0.00906	0.000289	0.000238	0.000111	0.102	0.00000198	0.000221	0.000564	0.00156	0.000347
2074 Jan	0.000266	0.00108	0.11	0.00000897	1.85	3.94	0.0426	0.000446	13.4	0.00184	0.00925	0.000295	0.000243	0.000113	0.104	0.00000202	0.000226	0.000576	0.00159	0.000355
2074 Feb	0.000271	0.0011	0.112	0.00000915	1.88	4.02	0.0434	0.000455	13.7	0.00187	0.00943	0.000301	0.000248	0.000116	0.106	0.00000206	0.00023	0.000587	0.00162	0.000362
2074 Mar	0.000275	0.00112	0.114	0.00000929	1.91	4.08	0.0441	0.000462	13.9	0.0019	0.00957	0.000306	0.000252	0.000117	0.108	0.00000209	0.000233	0.000596	0.00165	0.000367
2074 Apr	0.000278	0.00113	0.115	0.00000939	1.93	4.12	0.0445	0.000467	14	0.00192	0.00967	0.000309	0.000255	0.000119	0.109	0.00000212	0.000236	0.000602	0.00167	0.000371
2074 May	0.000275	0.00109	0.112	0.00000902	1.87	4	0.0442	0.000446	13.5	0.00185	0.00932	0.000309	0.000246	0.000115	0.106	0.00000203	0.000226	0.000593	0.0016	0.000357
2074 Jun	0.000271	0.00104	0.109	0.00000848	1.78	3.81	0.0438	0.000413	12.8	0.00176	0.00881	0.000312	0.000234	0.00011	0.102	0.00000192	0.000212	0.000582	0.00152	0.000334
2074 Jul	0.000271	0.00104	0.109	0.00000854	1.79	3.83	0.0438	0.000415	12.9	0.00177	0.00885	0.000312	0.000236	0.00011	0.103	0.00000193	0.000213	0.000584	0.00153	0.000337
2074 Aug	0.000272	0.00105	0.11	0.00000859	1.8	3.86	0.044	0.000419	13	0.00178	0.0089	0.000313	0.000237	0.000111	0.103	0.00000194	0.000215	0.000586	0.00154	0.000342
2074 Sep	0.00027	0.00105	0.109	0.0000086	1.8	3.86	0.0436	0.000423	12.9	0.00178	0.0089	0.000309	0.000236	0.000111	0.103	0.00000194	0.000215	0.000581	0.00153	0.000346
2074 Oct	0.000268	0.00105	0.109	0.00000859	1.79	3.85	0.0432	0.000425	12.8	0.00178	0.00889	0.000305	0.000235	0.000111	0.103	0.00000193	0.000215	0.000575	0.00152	0.00035
2074 Nov	0.000271	0.00106	0.11	0.00000868	1.81	3.91	0.0436	0.000431	12.9	0.0018	0.00897	0.000307	0.000238	0.000112	0.104	0.00000195	0.000217	0.000581	0.00154	0.000359
2074 Dec	0.000274	0.00107	0.111	0.00000879	1.83	3.96	0.0442	0.000437	13.1	0.00182	0.00909	0.000311	0.000242	0.000114	0.105	0.00000197	0.00022	0.000588	0.00156	0.000365
2075 Jan	0.000278	0.00109	0.113	0.00000891	1.86	4.02	0.0448	0.000443	13.2	0.00185	0.00922	0.000316	0.000245	0.000115	0.107	0.000002	0.000223	0.000597	0.00158	0.00037
2075 Feb	0.000282	0.00111	0.115	0.00000906	1.89	4.08	0.0456	0.00045	13.5	0.00188	0.00937	0.000321	0.000249	0.000117	0.108	0.00000203	0.000227	0.000606	0.00161	0.000376
2075 Mar	0.000286	0.00112	0.116	0.00000918	1.91	4.14	0.0462	0.000456	13.6	0.0019	0.00949	0.000325	0.000252	0.000119	0.11	0.00000206	0.00023	0.000614	0.00163	0.000381
2075 Apr	0.000289	0.00113	0.117	0.00000926	1.93	4.18	0.0466	0.00046	13.8	0.00192	0.00958	0.000328	0.000255	0.00012	0.111	0.00000208	0.000232	0.00062	0.00164	0.000385
2075 May	0.000287	0.00112	0.116	0.00000917	1.91	4.15	0.0464	0.000456	13.6	0.00191	0.00948	0.000327	0.000253	0.000119	0.11	0.00000206	0.000229	0.000617	0.00163	0.000385
2075 Jun	0.000258	0.00103	0.106	0.00000855	1.76	3.76	0.0417	0.000414	12.6	0.00175	0.00879	0.000292	0.000236	0.000108	0.0998	0.00000192	0.000211	0.000567	0.00154	0.000348
2075 Jul	0.000253	0.00101	0.105	0.00000852	1.74	3.7	0.0408	0.000408	12.5	0.00173	0.00874	0.000285	0.000236	0.000107	0.0982	0.00000191	0.00021	0.00056	0.00154	0.000343
2075 Aug	0.000253	0.00102	0.105	0.00000856	1.74	3.72	0.0408	0.00041	12.5	0.00174	0.00876	0.000285	0.000236	0.000107	0.0984	0.00000192	0.000211	0.000559	0.00154	0.000346
2075 Sep	0.000253	0.00102	0.105	0.00000858	1.75	3.73	0.0407	0.000413	12.5	0.00174	0.00878	0.000284	0.000237	0.000108	0.0986	0.00000192	0.000212	0.000558	0.00154	0.000349
2075 Oct	0.000251	0.00102	0.104	0.00000855	1.74	3.71	0.0404	0.000413	12.4	0.00174	0.00875	0.000281	0.000235	0.000107	0.098	0.00000191	0.000211	0.000554	0.00153	0.000348
2075 Nov	0.000252	0.00102	0.104	0.00000858	1.74	3.72	0.0405	0.000415	12.5	0.00174	0.00878	0.000281	0.000236	0.000107	0.0983	0.00000192	0.000212	0.000555	0.00154	0.00035
2075 Dec	0.000256	0.00104	0.106	0.00000873	1.77	3.79	0.0412	0.000422	12.7	0.00177	0.00894	0.000286	0.00024	0.000109	0.1	0.00000195	0.000215	0.000565	0.00156	0.000357
2076 Jan	0.000261	0.00106	0.108	0.00000889	1.81	3.86	0.042	0.00043	12.9	0.00181	0.0091	0.000292	0.000244	0.000111	0.102	0.00000199	0.000219	0.000575	0.00159	0.000363
2076 Feb	0.000265	0.00108	0.11	0.00000905	1.84	3.93	0.0427	0.000438	13.1	0.00184	0.00926	0.000297	0.000248	0.000113	0.104	0.00000202	0.000223	0.000585	0.00162	0.00037
2076 Mar	0.000269	0.00109	0.111	0.00000916	1.86	3.98	0.0432	0.000443	13.3	0.00186	0.00937	0.0003	0.000252	0.000115	0.105	0.00000205	0.000226	0.000593	0.00164	0.000374
2076 Apr	0.000272	0.0011	0.113	0.00000926	1.88	4.02	0.0437	0.000448	13.5	0.00188	0.00947	0.000304	0.000254	0.000116	0.106	0.00000207	0.000228	0.000599	0.00166	0.000378
2076 May	0.000269	0.00108	0.111	0.00000905	1.84	3.94	0.0433	0.000436	13.1	0.00184	0.00927	0.000303	0.000248	0.000113	0.104	0.00000202	0.000222	0.000592	0.00162	0.000367
2076 Jun	0.000264	0.00102	0.108	0.00000853	1.75	3.72	0.0427	0.000402	12.4	0.00173	0.00878	0.000304	0.000235	0.000107	0.1	0.00000191	0.000207	0.000578	0.00154	0.000334
2076 Jul	0.000263	0.00102	0.108	0.00000856	1.76	3.72	0.0425	0.000403	12.5	0.00174	0.0088	0.000302	0.000236	0.000108	0.1	0.00000192	0.000209	0.000578	0.00155	0.000335
2076 Aug	0.000264	0.00103	0.108	0.00000861	1.76	3.75	0.0426	0.000406	12.5	0.00175	0.00884	0.000303	0.000237	0.000108	0.101	0.00000193	0.00021	0.000579	0.00155	0.000338
2076 Sep	0.000263	0.00103	0.108	0.00000863	1.77	3.76	0.0426	0.000409	12.5	0.00175	0.00886	0.000302	0.000237	0.000108	0.101	0.00000193	0.000211	0.000578	0.00155	0.000341
2076 Oct	0.000262	0.00103	0.108	0.00000864	1.76	3.75	0.0423	0.000411	12.5	0.00175	0.00887	0.000298	0.000236	0.000108	0.1	0.00000193	0.000211	0.000574	0.00155	0.000343
2076 Nov	0.000265	0.00104	0.109	0.00000875	1.78	3.8	0.0427	0.000418	12.6	0.00177	0.00899	0.000302	0.000239	0.000109	0.102	0.00000195	0.000214	0.000581	0.00157	0.000348
2076 Dec	0.00027	0.00106	0.111	0.00000892	1.82	3.88	0.0436	0.000426	12.9	0.0018	0.00916	0.000307	0.000243	0.000112	0.104	0.00000199	0.000218	0.000592	0.0016	0.000356
2077 Jan	0.000275	0.00108	0.113	0.00000908	1.85	3.95	0.0444	0.000434	13.1	0.00184	0.00933	0.000313	0.000248	0.000114	0.106	0.00000202	0.000222	0.000603	0.00163	0.000362
2077 Feb	0.000279	0.0011	0.115	0.00000923	1.88	4.01	0.0451	0.000441	13.3	0.00187	0.00948	0.000318	0.000252	0.000115	0.107	0.00000206	0.000225	0.000613	0.00165	0.000368
2077 Mar	0.000283	0.00111	0.117	0.00000937	1.91	4.07	0.0457	0.000447	13.5	0.00189	0.00961	0.000323	0.000255	0.000117	0.109	0.00000209	0.000229	0.000621	0.00168	0.000373
2077 Apr	0.000287	0.00113	0.118	0.00000947	1.93	4.11	0.0463	0.000452	13.7	0.00192	0.00972	0.000326	0.000258	0.000119	0.11	0.00000211	0.000231	0.000629	0.00169	0.000378
2077 May	0.000284	0.0011	0.116	0.00000927	1.89	4.04	0.0458	0.000441	13.4	0.00188	0.00953	0.000324	0.000253	0.000116	0.108	0.00000207	0.000226	0.000621	0.00166	0.000368
2077 Jun	0.00027	0.00102	0.11	0.00000854	1.76	3.73	0.0437	0.0004	12.4	0.00173	0.0088	0.000314	0.000234	0.000108	0.101	0.0000019	0.000207	0.000589	0.00154	0.000332
2077 Jul	0.00027	0.00102	0.11	0.00000859	1.76	3.75	0.0437	0.000401	12.4	0.00174	0.00885	0.000314	0.000236	0.000108	0.102	0.00000192	0.000208	0.000591	0.00155	0.000334
2077 Aug	0.00027	0.00103	0.11	0.00000865	1.77	3.77	0.0439	0.000404	12.5	0.00175	0.00889	0.000314	0.000237	0.000109	0.102	0.00000193	0.000209	0.000592	0.00156	0.000337
2077 Sep	0.000267	0.00103	0.109	0.00000865	1.76	3.75	0.0432	0.000408	12.4	0.00174	0.00888	0.000308	0.000234	0.000108	0.101	0.00000192	0.000209	0.000583	0.00154	0.000337
2077 Oct	0.000266	0.00103	0.109	0.00000867	1.77	3.75	0.043	0.000411	12.4	0.00174	0.00891	0.000306	0.000233	0.000108	0.101	0.00000192	0.000209	0.000581	0.00154	0.00034
2077 Nov	0.00027	0.00104	0.111	0.00000879	1.79	3.81	0.0436	0.000417	12.5	0.00177	0.00903	0.00031	0.000237	0.00011	0.103	0.00000195	0.000212	0.000589	0.00156	0.000346
2077 Dec	0.000274	0.00106	0.112	0.00000893	1.82	3.87	0.0443	0.000424	12.7	0.0018	0.00917	0.000315	0.000241	0.000111	0.105	0.00000198	0.000216	0.000598	0.00159	0.000351
2078 Jan	0.000278	0.00107	0.114	0.00000905	1.84	3.92	0.0449	0.00043	12.9	0.00182	0.0093	0.000319	0.000244	0.000113	0.106	0.00000201	0.000219	0.000606	0.00161	0.000356
2078 Feb	0.000282	0.00109	0.116	0.00000918	1.87	3.98	0.0455	0.000436	13.1	0.00185	0.00943	0.000323	0.000247	0.000114	0.107	0.00000204	0.000222	0.000615	0.00163	0.000361
2078 Mar	0.000286	0.00111	0.117	0.00000932	1.9	4.04	0.0463	0.000443	13.3	0.00188	0.00958	0.000329	0.000251	0.000116	0.109	0.00000207	0.000225	0.000625	0.00166	0.000367
2078 Apr	0.000289	0.00112	0.119	0.00000942	1.92	4.08	0.0467	0.000447	13.4	0.00189	0.00968	0.000332	0.000254	0.000117	0.11	0.00000209	0.000228	0.000631	0.00168	0.000371
2078 May	0.000285	0.00107	0.116	0.00000898	1.84	3.93	0.0462	0.000422	12.8	0.00181	0.00926	0.000332	0.000243	0.000113	0.107	0.00000199	0.000215	0.000619	0.0016	0.000351
2078 Jun	0.000283	0.00103	0.114	0.00000859	1.79	3.8	0.046	0.0004	12.5	0.00175	0.0089	0.000335	0.000234	0.000109	0.105	0.00000191	0.000206	0.000611	0.00154	0.000331

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Jul	0.000284	0.00104	0.114	0.00000865	1.8	3.82	0.0461	0.000402	12.5	0.00176	0.00895	0.000335	0.000235	0.00011	0.105	0.00000192	0.000208	0.000613	0.00155	0.000333
2078 Aug	0.000283	0.00104	0.114	0.00000869	1.8	3.83	0.046	0.000404	12.5	0.00176	0.00897	0.000334	0.000236	0.00011	0.105	0.00000193	0.000209	0.000611	0.00155	0.000336
2078 Sep	0.000282	0.00104	0.114	0.00000871	1.8	3.84	0.0459	0.000407	12.5	0.00177	0.00898	0.000332	0.000236	0.00011	0.105	0.00000193	0.000209	0.000609	0.00155	0.000341
2078 Oct	0.000282	0.00105	0.114	0.00000874	1.8	3.85	0.0458	0.000411	12.5	0.00177	0.00901	0.000331	0.000236	0.000111	0.105	0.00000193	0.00021	0.000608	0.00155	0.000346
2078 Nov	0.000287	0.00107	0.116	0.00000889	1.84	3.92	0.0466	0.000419	12.7	0.0018	0.00917	0.000336	0.00024	0.000113	0.107	0.00000197	0.000214	0.000618	0.00158	0.000353
2078 Dec	0.000293	0.00109	0.118	0.00000909	1.88	4.01	0.0476	0.000428	13	0.00184	0.00937	0.000344	0.000246	0.000115	0.109	0.00000201	0.000219	0.000631	0.00161	0.000361
2079 Jan	0.000298	0.00111	0.12	0.00000925	1.91	4.08	0.0484	0.000435	13.2	0.00187	0.00953	0.00035	0.00025	0.000117	0.111	0.00000204	0.000222	0.000642	0.00164	0.000368
2079 Feb	0.000303	0.00113	0.122	0.0000094	1.94	4.15	0.0492	0.000443	13.4	0.00191	0.00969	0.000356	0.000254	0.000119	0.113	0.00000208	0.000226	0.000653	0.00167	0.000374
2079 Mar	0.000308	0.00114	0.124	0.00000954	1.97	4.21	0.05	0.000449	13.6	0.00193	0.00984	0.000361	0.000258	0.000121	0.115	0.00000211	0.00023	0.000663	0.0017	0.000379
2079 Apr	0.000311	0.00115	0.125	0.00000963	1.99	4.25	0.0504	0.000453	13.7	0.00195	0.00993	0.000364	0.00026	0.000122	0.116	0.00000213	0.000232	0.000669	0.00171	0.000383
2079 May	0.000311	0.00116	0.126	0.00000964	1.99	4.25	0.0506	0.000453	13.8	0.00195	0.00994	0.000365	0.00026	0.000122	0.116	0.00000213	0.000232	0.000671	0.00171	0.000383
2079 Jun	0.000277	0.00103	0.112	0.00000867	1.78	3.76	0.045	0.000397	12.3	0.00174	0.00892	0.000326	0.000235	0.000108	0.103	0.00000192	0.000206	0.000605	0.00156	0.000333
2079 Jul	0.000274	0.00102	0.112	0.00000869	1.77	3.74	0.0445	0.000396	12.3	0.00174	0.00892	0.000322	0.000236	0.000108	0.103	0.00000192	0.000206	0.000602	0.00157	0.000333
2079 Aug	0.000275	0.00103	0.112	0.00000874	1.78	3.76	0.0446	0.000399	12.3	0.00175	0.00895	0.000322	0.000237	0.000108	0.103	0.00000193	0.000207	0.000602	0.00157	0.000337
2079 Sep	0.000273	0.00103	0.112	0.00000876	1.78	3.75	0.0443	0.000402	12.3	0.00174	0.00897	0.000319	0.000236	0.000108	0.103	0.00000193	0.000208	0.000597	0.00157	0.000339
2079 Oct	0.000271	0.00103	0.111	0.00000875	1.77	3.75	0.0439	0.000405	12.3	0.00174	0.00897	0.000315	0.000234	0.000108	0.102	0.00000193	0.000208	0.000593	0.00156	0.000341
2079 Nov	0.000271	0.00103	0.112	0.00000878	1.78	3.76	0.0439	0.000407	12.3	0.00175	0.009	0.000315	0.000235	0.000108	0.103	0.00000194	0.000209	0.000593	0.00156	0.000342
2079 Dec	0.000274	0.00104	0.113	0.00000887	1.8	3.8	0.0443	0.000412	12.4	0.00176	0.0091	0.000317	0.000237	0.000109	0.104	0.00000196	0.000211	0.000598	0.00158	0.000346
2080 Jan	0.000279	0.00106	0.114	0.00000902	1.83	3.86	0.0451	0.000419	12.6	0.00179	0.00925	0.000323	0.000241	0.000111	0.105	0.00000199	0.000214	0.000608	0.0016	0.000352
2080 Feb	0.000282	0.00108	0.116	0.00000913	1.85	3.91	0.0456	0.000425	12.8	0.00182	0.00937	0.000327	0.000244	0.000113	0.107	0.00000201	0.000217	0.000616	0.00162	0.000357
2080 Mar	0.000287	0.00109	0.118	0.00000928	1.88	3.97	0.0463	0.000431	13	0.00185	0.00952	0.000332	0.000248	0.000114	0.108	0.00000205	0.000221	0.000626	0.00165	0.000362
2080 Apr	0.00029	0.0011	0.119	0.00000938	1.9	4.01	0.0469	0.000436	13.1	0.00187	0.00962	0.000336	0.000251	0.000116	0.11	0.00000207	0.000223	0.000633	0.00167	0.000366
2080 May	0.000291	0.00111	0.12	0.00000942	1.91	4.03	0.0471	0.000438	13.2	0.00187	0.00966	0.000337	0.000252	0.000116	0.11	0.00000208	0.000224	0.000636	0.00168	0.000368
2080 Jun	0.000264	0.00102	0.11	0.00000878	1.76	3.68	0.0427	0.0004	12.2	0.00173	0.00897	0.000305	0.000235	0.000106	0.101	0.00000194	0.000207	0.000587	0.00158	0.000335
2080 Jul	0.000258	0.001	0.108	0.00000871	1.73	3.61	0.0416	0.000393	12	0.0017	0.00887	0.000297	0.000233	0.000105	0.0985	0.00000192	0.000204	0.000576	0.00157	0.000329
2080 Aug	0.000257	0.00101	0.108	0.00000875	1.73	3.62	0.0415	0.000395	12	0.00171	0.00889	0.000295	0.000233	0.000105	0.0986	0.00000193	0.000205	0.000573	0.00157	0.000331
2080 Sep	0.000255	0.00101	0.107	0.00000876	1.73	3.61	0.0412	0.000398	12	0.00171	0.00889	0.000292	0.000231	0.000105	0.0983	0.00000193	0.000206	0.000568	0.00156	0.000332
2080 Oct	0.000254	0.00101	0.107	0.00000875	1.73	3.61	0.0409	0.000401	12	0.0017	0.00888	0.000289	0.00023	0.000104	0.098	0.00000192	0.000206	0.000564	0.00156	0.000334
2080 Nov	0.000253	0.00101	0.107	0.00000875	1.73	3.61	0.0407	0.000403	12	0.0017	0.0089	0.000287	0.00023	0.000104	0.098	0.00000192	0.000206	0.000562	0.00155	0.000336
2080 Dec	0.000258	0.00103	0.109	0.00000892	1.76	3.68	0.0415	0.000411	12.2	0.00174	0.00907	0.000293	0.000234	0.000106	0.0999	0.00000196	0.00021	0.000573	0.00158	0.000343
2081 Jan	0.000262	0.00104	0.111	0.00000908	1.79	3.74	0.0422	0.000418	12.5	0.00177	0.00922	0.000298	0.000238	0.000108	0.102	0.00000199	0.000213	0.000582	0.00161	0.000348
2081 Feb	0.000267	0.00106	0.113	0.00000924	1.82	3.81	0.0429	0.000425	12.7	0.0018	0.00939	0.000303	0.000242	0.00011	0.103	0.00000203	0.000217	0.000593	0.00164	0.000355
2081 Mar	0.000271	0.00108	0.114	0.00000936	1.85	3.86	0.0435	0.000431	12.9	0.00182	0.00952	0.000307	0.000246	0.000112	0.105	0.00000206	0.00022	0.000601	0.00166	0.00036
2081 Apr	0.000274	0.00109	0.115	0.00000947	1.87	3.9	0.044	0.000435	13	0.00184	0.00962	0.00031	0.000248	0.000113	0.106	0.00000208	0.000223	0.000607	0.00168	0.000363
2081 May	0.000268	0.00104	0.112	0.00000903	1.79	3.74	0.0432	0.000412	12.4	0.00176	0.00921	0.000308	0.000237	0.000108	0.103	0.00000199	0.000211	0.000592	0.00161	0.000342
2081 Jun	0.000265	0.00101	0.11	0.00000866	1.74	3.62	0.0428	0.000392	12	0.0017	0.00886	0.000308	0.000229	0.000105	0.0999	0.00000191	0.000202	0.000583	0.00155	0.000322
2081 Jul	0.000266	0.00101	0.11	0.00000872	1.75	3.64	0.043	0.000395	12.1	0.00171	0.00892	0.000309	0.00023	0.000105	0.1	0.00000192	0.000204	0.000586	0.00156	0.000325
2081 Aug	0.000267	0.00102	0.111	0.00000878	1.76	3.66	0.0432	0.000398	12.2	0.00172	0.00897	0.00031	0.000232	0.000106	0.101	0.00000193	0.000205	0.000588	0.00157	0.000329
2081 Sep	0.000266	0.00102	0.11	0.0000088	1.76	3.67	0.043	0.000401	12.1	0.00172	0.00897	0.000308	0.000231	0.000106	0.101	0.00000193	0.000206	0.000585	0.00156	0.000331
2081 Oct	0.000266	0.00102	0.11	0.00000881	1.76	3.67	0.0429	0.000403	12.1	0.00172	0.00899	0.000307	0.000231	0.000106	0.101	0.00000193	0.000206	0.000584	0.00156	0.000335
2081 Nov	0.000265	0.00102	0.11	0.00000882	1.76	3.68	0.0428	0.000405	12.1	0.00172	0.009	0.000306	0.000231	0.000106	0.101	0.00000193	0.000207	0.000583	0.00156	0.000336
2081 Dec	0.00027	0.00104	0.112	0.00000899	1.79	3.75	0.0436	0.000412	12.3	0.00175	0.00917	0.000311	0.000235	0.000108	0.103	0.00000197	0.00021	0.000593	0.00159	0.000343
2082 Jan	0.000276	0.00106	0.115	0.00000918	1.83	3.82	0.0445	0.000421	12.6	0.00179	0.00936	0.000318	0.00024	0.00011	0.105	0.00000201	0.000215	0.000606	0.00162	0.00035
2082 Feb	0.00028	0.00108	0.117	0.00000932	1.86	3.89	0.0452	0.000428	12.8	0.00182	0.00951	0.000323	0.000244	0.000112	0.107	0.00000204	0.000218	0.000615	0.00165	0.000356
2082 Mar	0.000284	0.00109	0.118	0.00000945	1.88	3.94	0.0458	0.000433	12.9	0.00184	0.00964	0.000327	0.000247	0.000114	0.108	0.00000207	0.000221	0.000624	0.00167	0.000361
2082 Apr	0.000287	0.00111	0.119	0.00000955	1.9	3.98	0.0463	0.000438	13.1	0.00187	0.00975	0.000331	0.00025	0.000115	0.109	0.00000209	0.000224	0.000631	0.00169	0.000365
2082 May	0.000289	0.00111	0.12	0.00000963	1.92	4.01	0.0467	0.000442	13.2	0.00188	0.00982	0.000333	0.000252	0.000116	0.11	0.00000211	0.000225	0.000635	0.0017	0.000367
2082 Jun	0.000258	0.00101	0.109	0.00000888	1.74	3.61	0.0415	0.000397	12	0.00171	0.009	0.000295	0.000234	0.000105	0.0989	0.00000194	0.000205	0.000579	0.00159	0.000335
2082 Jul	0.000247	0.000984	0.105	0.00000874	1.7	3.5	0.0399	0.000386	11.7	0.00167	0.00882	0.000282	0.000231	0.000102	0.0957	0.00000191	0.000201	0.000563	0.00157	0.000326
2082 Aug	0.000248	0.000988	0.106	0.00000879	1.7	3.52	0.0399	0.000388	11.8	0.00168	0.00886	0.000282	0.000232	0.000102	0.0961	0.00000192	0.000202	0.000563	0.00158	0.000328
2082 Sep	0.000248	0.00099	0.106	0.00000881	1.71	3.52	0.0399	0.000391	11.8	0.00168	0.00888	0.000281	0.000231	0.000102	0.0961	0.00000193	0.000203	0.000562	0.00158	0.000329
2082 Oct	0.000246	0.000991	0.105	0.00000882	1.7	3.52	0.0395	0.000395	11.7	0.00168	0.0089	0.000278	0.00023	0.000102	0.0959	0.00000193	0.000203	0.000557	0.00157	0.000331
2082 Nov	0.000249	0.001	0.107	0.00000894	1.73	3.57	0.04	0.0004	11.9	0.0017	0.00902	0.000281	0.000233	0.000103	0.0972	0.00000195	0.000206	0.000564	0.00159	0.000337
2082 Dec	0.000253	0.00102	0.108	0.00000907	1.75	3.62	0.0406	0.000406	12.1	0.00173	0.00915	0.000285	0.000236	0.000105	0.0986	0.00000198	0.000209	0.000572	0.00162	0.000342
2083 Jan	0.000257	0.00103	0.11	0.00000921	1.78	3.67	0.0412	0.000413	12.3	0.00175	0.00929	0.000289	0.00024	0.000106	0.1	0.00000201	0.000212	0.000581	0.00164	0.000347
2083 Feb	0.00026	0.00105	0.111	0.00000933	1.8	3.72	0.0418	0.000418	12.4	0.00178	0.00941	0.000293	0.000243	0.000108	0.101	0.00000204	0.000215	0.000589	0.00166	0.000352
2083 Mar	0.000264	0.00106	0.113	0.00000946	1.83	3.78	0.0424	0.000424	12.6	0.0018	0.00955	0.000298	0.000247	0.000109	0.103	0.00000207	0.000218	0.000598	0.00169	0.000357
2083 Apr	0.000267	0.00108	0.114	0.00000957	1.85	3.82	0.0429	0.000429	12.7	0.00182	0.00966	0.000301	0.000249	0.000111	0.104	0.00000209	0.000221	0.000604	0.00171	0.000361
2083 May	0.000264	0.00105	0.112	0.00000928	1.8	3.73	0.0426	0.000414	12.4	0.00177	0.00938	0.000301	0.000243	0.000108	0.102	0.00000202	0.000213	0.000596	0.00166	0.000352
2083 Jun	0.000261	0.000996	0.109	0.00000873	1.72	3.57	0.0422	0.000385	11.8	0.00168	0.00887	0.000303	0.000231	0.000103	0.0987	0.00000191	0.0002	0.000584	0.00157	0.000329
2083 Jul	0.00026	0.000997	0.109	0.00000877	1.72	3.57	0.0421	0.000386	11.8	0.00169	0.00889	0.000302	0.000232	0.000104	0.0987	0.00000192	0.000201	0.000583	0.00157	0.000331
2083 Aug	0.000259	0.000999	0.109	0.00000881	1.72	3.57	0.0418	0.000387	11.8	0.00169	0.00891	0.0003	0.000231	0.000104	0.0985	0.00000192	0.000201	0.000579	0.00157	0.000332
2083 Sep	0.000257	0.001	0.108	0.00000882	1.72	3.57	0.0415	0.000391	11.8	0.00169	0.00892	0.000296	0.00023	0.000103	0.0983	0.00000192	0.000202	0.000574	0.00157	0.000335
2083 Oct	0.000254	0.001	0.108	0.0000088	1.72	3.56	0.0408	0.000396	11.8	0.00168	0.00892	0.00029	0.000227	0.000103	0.0978	0.00000192	0.000202	0.000566	0.00156	0.000337
2083 Nov	0.000255	0.00101	0.108	0.00000887	1.73	3.59	0.041	0.000401	11.9	0.0017	0.009	0.000291	0.000229	0.000104	0.0985	0.00000193	0.000204	0.000568	0.00157	0.000341
2083 Dec	0.00026	0.00103	0.11	0.00000903	1.76	3.65	0.0418	0.000408	12.1	0.00173	0.00916	0.000296	0.000233	0.000105	0.1	0.00000197	0.000208	0.000578	0.00159	0.000347
2084 Jan	0.000265	0.00105	0.112	0.00000921	1.79	3.72	0.0426	0.000416	12.3	0.00176	0.00934	0.000302	0.000238	0.000108	0.102	0.00000201	0.000212	0.00059	0.00163	0.000354

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Feb	0.00027	0.00107	0.114	0.00000937	1.83	3.79	0.0433	0.000424	12.5	0.00179	0.00951	0.000307	0.000242	0.000109	0.104	0.00000204	0.000216	0.0006	0.00165	0.00036
2084 Mar	0.000273	0.00108	0.116	0.0000095	1.85	3.84	0.0439	0.000429	12.7	0.00182	0.00964	0.000312	0.000245	0.000111	0.105	0.00000207	0.000218	0.000608	0.00168	0.000365
2084 Apr	0.000276	0.00109	0.117	0.00000958	1.87	3.87	0.0443	0.000433	12.8	0.00183	0.00972	0.000314	0.000247	0.000112	0.106	0.00000209	0.00022	0.000614	0.00169	0.000369
2084 May	0.000272	0.00105	0.114	0.00000918	1.8	3.74	0.0437	0.000412	12.3	0.00176	0.00934	0.000313	0.000237	0.000108	0.103	0.000002	0.00021	0.000601	0.00162	0.00035
2084 Jun	0.000269	0.00101	0.112	0.00000878	1.74	3.61	0.0436	0.00039	11.9	0.0017	0.00897	0.000316	0.000229	0.000104	0.101	0.00000192	0.0002	0.000594	0.00156	0.000328
2084 Jul	0.000269	0.00101	0.112	0.00000882	1.75	3.62	0.0436	0.000391	11.9	0.0017	0.009	0.000316	0.00023	0.000105	0.101	0.00000192	0.000202	0.000594	0.00157	0.00033
2084 Aug	0.000269	0.00102	0.112	0.00000886	1.75	3.64	0.0436	0.000394	12	0.00171	0.00903	0.000315	0.00023	0.000105	0.101	0.00000193	0.000203	0.000594	0.00157	0.000333
2084 Sep	0.000268	0.00102	0.112	0.00000888	1.75	3.64	0.0433	0.000396	11.9	0.00171	0.00903	0.000313	0.00023	0.000105	0.101	0.00000193	0.000203	0.00059	0.00157	0.000336
2084 Oct	0.000266	0.00101	0.111	0.00000885	1.74	3.62	0.0428	0.000398	11.8	0.0017	0.00901	0.000308	0.000227	0.000104	0.101	0.00000192	0.000203	0.000584	0.00156	0.000337
2084 Nov	0.000267	0.00102	0.112	0.00000893	1.76	3.65	0.0431	0.000403	12	0.00171	0.0091	0.000309	0.000229	0.000105	0.101	0.00000194	0.000205	0.000587	0.00157	0.000341
2084 Dec	0.000273	0.00104	0.114	0.00000912	1.8	3.73	0.044	0.000412	12.2	0.00175	0.00929	0.000316	0.000234	0.000107	0.104	0.00000198	0.000209	0.000599	0.0016	0.000348
2085 Jan	0.000279	0.00107	0.117	0.00000932	1.84	3.81	0.045	0.000421	12.5	0.00179	0.0095	0.000323	0.000239	0.00011	0.106	0.00000203	0.000214	0.000613	0.00164	0.000356
2085 Feb	0.000284	0.00109	0.119	0.0000095	1.87	3.89	0.0458	0.000429	12.7	0.00183	0.00968	0.000329	0.000244	0.000112	0.108	0.00000206	0.000218	0.000625	0.00167	0.000363
2085 Mar	0.000288	0.0011	0.121	0.00000964	1.9	3.94	0.0465	0.000435	12.9	0.00185	0.00982	0.000334	0.000247	0.000114	0.109	0.00000209	0.000221	0.000634	0.00169	0.000369
2085 Apr	0.000292	0.00112	0.122	0.00000975	1.92	3.99	0.047	0.00044	13.1	0.00187	0.00993	0.000338	0.00025	0.000115	0.111	0.00000212	0.000224	0.000641	0.00171	0.000373
2085 May	0.000283	0.00106	0.118	0.00000926	1.83	3.81	0.0457	0.000416	12.4	0.00178	0.00945	0.00033	0.000238	0.00011	0.106	0.00000201	0.000211	0.000619	0.00163	0.000352
2085 Jun	0.000276	0.00102	0.114	0.00000879	1.75	3.65	0.0447	0.000392	11.8	0.0017	0.00901	0.000326	0.000227	0.000105	0.103	0.00000191	0.0002	0.000602	0.00155	0.00033
2085 Jul	0.000277	0.00102	0.114	0.00000885	1.76	3.66	0.0448	0.000394	11.9	0.00171	0.00905	0.000327	0.000228	0.000106	0.103	0.00000192	0.000202	0.000604	0.00156	0.000333
2085 Aug	0.000275	0.00102	0.114	0.00000887	1.76	3.66	0.0445	0.000396	11.8	0.00171	0.00905	0.000323	0.000227	0.000106	0.103	0.00000192	0.000202	0.000598	0.00156	0.000336
2085 Sep	0.000272	0.00102	0.113	0.00000887	1.76	3.66	0.0439	0.0004	11.8	0.00171	0.00903	0.000318	0.000226	0.000105	0.102	0.00000192	0.000203	0.00059	0.00155	0.00034
2085 Oct	0.00027	0.00102	0.112	0.00000887	1.75	3.65	0.0435	0.000404	11.8	0.00171	0.00904	0.000314	0.000225	0.000105	0.102	0.00000192	0.000203	0.000585	0.00154	0.000344
2085 Nov	0.000271	0.00103	0.113	0.00000893	1.76	3.68	0.0436	0.000409	11.9	0.00172	0.0091	0.000314	0.000226	0.000106	0.102	0.00000193	0.000205	0.000587	0.00155	0.000348
2085 Dec	0.000276	0.00105	0.115	0.0000091	1.8	3.75	0.0445	0.000417	12.2	0.00175	0.00928	0.00032	0.00023	0.000108	0.104	0.00000197	0.000209	0.000598	0.00158	0.000355
2086 Jan	0.000281	0.00107	0.117	0.00000926	1.83	3.81	0.0452	0.000424	12.4	0.00178	0.00944	0.000326	0.000234	0.00011	0.106	0.000002	0.000213	0.000609	0.00161	0.000361
2086 Feb	0.000286	0.00109	0.119	0.00000942	1.86	3.88	0.046	0.000431	12.6	0.00181	0.00961	0.000331	0.000238	0.000112	0.108	0.00000204	0.000216	0.000619	0.00164	0.000367
2086 Mar	0.00029	0.0011	0.121	0.00000955	1.89	3.94	0.0467	0.000437	12.8	0.00184	0.00974	0.000336	0.000242	0.000113	0.11	0.00000207	0.000219	0.000628	0.00166	0.000373
2086 Apr	0.000292	0.00111	0.122	0.00000964	1.91	3.97	0.0471	0.000441	12.9	0.00185	0.00983	0.000339	0.000244	0.000114	0.111	0.00000209	0.000221	0.000634	0.00167	0.000376
2086 May	0.000291	0.0011	0.121	0.00000952	1.89	3.93	0.0468	0.000435	12.7	0.00183	0.00972	0.000338	0.000241	0.000113	0.11	0.00000206	0.000218	0.000629	0.00165	0.000371
2086 Jun	0.000275	0.00102	0.114	0.00000883	1.75	3.64	0.0445	0.000395	11.8	0.0017	0.00903	0.000324	0.000226	0.000105	0.103	0.00000191	0.0002	0.000599	0.00155	0.000335
2086 Jul	0.000274	0.00102	0.114	0.00000888	1.76	3.64	0.0443	0.000396	11.9	0.00171	0.00906	0.000322	0.000227	0.000105	0.102	0.00000192	0.000202	0.000598	0.00156	0.000336
2086 Aug	0.000273	0.00102	0.114	0.00000892	1.76	3.66	0.0442	0.000398	11.9	0.00171	0.00908	0.00032	0.000227	0.000105	0.102	0.00000193	0.000203	0.000596	0.00156	0.000341
2086 Sep	0.000271	0.00102	0.113	0.00000893	1.76	3.65	0.0438	0.000402	11.8	0.00171	0.00908	0.000317	0.000226	0.000105	0.102	0.00000193	0.000203	0.00059	0.00156	0.000344
2086 Oct	0.000273	0.00103	0.114	0.00000902	1.77	3.69	0.044	0.000407	11.9	0.00172	0.00916	0.000318	0.000228	0.000106	0.103	0.00000194	0.000205	0.000593	0.00157	0.000351
2086 Nov	0.000278	0.00105	0.116	0.00000918	1.81	3.75	0.0448	0.000415	12.1	0.00176	0.00933	0.000324	0.000232	0.000108	0.105	0.00000198	0.000209	0.000604	0.0016	0.000358
2086 Dec	0.000283	0.00107	0.118	0.00000935	1.84	3.82	0.0457	0.000422	12.3	0.00179	0.0095	0.00033	0.000236	0.00011	0.107	0.00000202	0.000213	0.000615	0.00163	0.000365
2087 Jan	0.000288	0.00109	0.12	0.00000951	1.87	3.89	0.0464	0.000429	12.5	0.00182	0.00965	0.000335	0.00024	0.000112	0.109	0.00000205	0.000216	0.000625	0.00165	0.000371
2087 Feb	0.000293	0.0011	0.122	0.00000967	1.9	3.95	0.0472	0.000436	12.7	0.00185	0.00982	0.000341	0.000244	0.000114	0.11	0.00000208	0.00022	0.000636	0.00168	0.000377
2087 Mar	0.000296	0.00112	0.124	0.00000979	1.92	4	0.0478	0.000442	12.9	0.00187	0.00994	0.000345	0.000247	0.000115	0.112	0.00000211	0.000223	0.000644	0.0017	0.000382
2087 Apr	0.000299	0.00113	0.125	0.00000989	1.94	4.05	0.0483	0.000447	13	0.00189	0.01	0.000349	0.00025	0.000116	0.113	0.00000213	0.000225	0.000651	0.00172	0.000386
2087 May	0.000295	0.0011	0.122	0.00000963	1.9	3.95	0.0476	0.000433	12.7	0.00184	0.00979	0.000345	0.000244	0.000114	0.111	0.00000208	0.000218	0.000639	0.00167	0.000373
2087 Jun	0.000282	0.00103	0.116	0.00000894	1.78	3.69	0.0457	0.000397	11.9	0.00172	0.00912	0.000335	0.000227	0.000106	0.104	0.00000193	0.000202	0.000611	0.00156	0.000338
2087 Jul	0.000282	0.00103	0.116	0.00000898	1.78	3.7	0.0456	0.000398	11.9	0.00172	0.00915	0.000334	0.000228	0.000107	0.104	0.00000194	0.000203	0.00061	0.00157	0.000341
2087 Aug	0.000282	0.00104	0.117	0.00000903	1.79	3.71	0.0457	0.000401	11.9	0.00173	0.00919	0.000334	0.000229	0.000107	0.105	0.00000194	0.000204	0.000611	0.00157	0.000344
2087 Sep	0.000282	0.00104	0.117	0.00000906	1.79	3.73	0.0457	0.000403	11.9	0.00173	0.00921	0.000333	0.000229	0.000107	0.105	0.00000195	0.000205	0.00061	0.00157	0.000348
2087 Oct	0.000281	0.00104	0.117	0.00000907	1.79	3.73	0.0455	0.000406	11.9	0.00174	0.00923	0.000332	0.000229	0.000107	0.105	0.00000195	0.000205	0.000608	0.00157	0.000351
2087 Nov	0.000285	0.00105	0.118	0.00000919	1.81	3.78	0.046	0.000412	12	0.00176	0.00935	0.000335	0.000231	0.000109	0.106	0.00000197	0.000208	0.000615	0.00159	0.000356
2087 Dec	0.00029	0.00107	0.12	0.00000937	1.85	3.85	0.0469	0.00042	12.3	0.00179	0.00953	0.000342	0.000236	0.000111	0.108	0.00000201	0.000212	0.000627	0.00162	0.000364
2088 Jan	0.000295	0.00109	0.122	0.00000951	1.88	3.91	0.0477	0.000426	12.4	0.00182	0.00968	0.000347	0.00024	0.000112	0.11	0.00000204	0.000215	0.000637	0.00165	0.00037
2088 Feb	0.0003	0.00111	0.124	0.00000967	1.91	3.98	0.0484	0.000433	12.7	0.00185	0.00984	0.000353	0.000244	0.000114	0.112	0.00000208	0.000219	0.000647	0.00168	0.000376
2088 Mar	0.000303	0.00112	0.126	0.00000979	1.93	4.02	0.049	0.000439	12.8	0.00187	0.00996	0.000357	0.000246	0.000116	0.113	0.0000021	0.000221	0.000655	0.0017	0.00038
2088 Apr	0.000306	0.00113	0.127	0.00000987	1.95	4.06	0.0494	0.000442	12.9	0.00189	0.01	0.00036	0.000249	0.000117	0.114	0.00000212	0.000223	0.00066	0.00171	0.000384
2088 May	0.000306	0.00113	0.127	0.00000988	1.95	4.06	0.0495	0.000443	12.9	0.00189	0.0101	0.00036	0.000249	0.000117	0.114	0.00000212	0.000223	0.000662	0.00171	0.000384
2088 Jun	0.000277	0.00103	0.116	0.00000912	1.78	3.68	0.0449	0.0004	11.8	0.00172	0.00924	0.000326	0.00023	0.000106	0.104	0.00000196	0.000203	0.000608	0.00159	0.000344
2088 Jul	0.000275	0.00103	0.115	0.00000913	1.77	3.67	0.0445	0.000398	11.7	0.00172	0.00924	0.000323	0.000231	0.000106	0.103	0.00000196	0.000203	0.000606	0.0016	0.000344
2088 Aug	0.000277	0.00104	0.116	0.0000092	1.78	3.69	0.0447	0.000402	11.8	0.00173	0.0093	0.000325	0.000232	0.000106	0.104	0.00000197	0.000205	0.000609	0.00161	0.000348
2088 Sep	0.000276	0.00104	0.116	0.00000922	1.79	3.7	0.0447	0.000404	11.8	0.00174	0.00932	0.000324	0.000233	0.000107	0.104	0.00000197	0.000206	0.000608	0.00161	0.000352
2088 Oct	0.000273	0.00103	0.115	0.00000919	1.77	3.68	0.0441	0.000406	11.7	0.00173	0.0093	0.000318	0.00023	0.000106	0.103	0.00000196	0.000205	0.0006	0.0016	0.000351
2088 Nov	0.000276	0.00104	0.116	0.00000929	1.79	3.71	0.0444	0.000412	11.8	0.00174	0.0094	0.00032	0.000232	0.000107	0.104	0.00000199	0.000207	0.000605	0.00161	0.000355
2088 Dec	0.000281	0.00107	0.119	0.00000949	1.83	3.79	0.0454	0.00042	12.1	0.00178	0.0096	0.000327	0.000237	0.000109	0.106	0.00000203	0.000211	0.000618	0.00165	0.000363
2089 Jan	0.000287	0.00109	0.121	0.00000968	1.87	3.87	0.0463	0.000429	12.3	0.00182	0.0098	0.000334	0.000241	0.000111	0.109	0.00000207	0.000216	0.00063	0.00168	0.00037
2089 Feb	0.000293	0.00111	0.123	0.00000987	1.9	3.94	0.0472	0.000437	12.5	0.00185	0.00998	0.00034	0.000246	0.000113	0.111	0.00000211	0.00022	0.000642	0.00171	0.000377
2089 Mar	0.000296	0.00112	0.125	0.00000999	1.93	3.99	0.0478	0.000443	12.7	0.00187	0.0101	0.000344	0.000249	0.000115	0.112	0.00000213	0.000223	0.00065	0.00173	0.000382
2089 Apr	0.000299	0.00113	0.126	0.0000101	1.94	4.03	0.0482	0.000447	12.8	0.00189	0.0102	0.000348	0.000252	0.000116	0.113	0.00000216	0.000225	0.000657	0.00175	0.000386
2089 May	0.000293	0.0011	0.123	0.00000972	1.88	3.9	0.0473	0.000429	12.4	0.00183	0.00985	0.000343	0.000243	0.000112	0.11	0.00000208	0.000216	0.000641	0.00169	0.000368
2089 Jun	0.000284	0.00103	0.118	0.00000912	1.78	3.69	0.046	0.000397	11.6	0.00172	0.00928	0.000337	0.000229	0.000106	0.105	0.00000195	0.000201	0.000619	0.00159	0.000337
2089 Jul	0.000284	0.00104	0.118	0.00000917	1.78	3.7	0.046	0.000399	11.7	0.00173	0.00931	0.000337	0.000229	0.000106	0.105	0.00000196	0.000202	0.000619	0.00159	0.000342
2089 Aug	0.000284	0.00104	0.118	0.00000921	1.79	3.71	0.046	0.000401	11.7	0.00173	0.00935	0.000337	0.00023	0.000107	0.105	0.00000196	0.000203	0.000618	0.0016	0.000346

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Sep	0.000283	0.00104	0.118	0.00000923	1.79	3.72	0.0458	0.000404	11.7	0.00174	0.00936	0.000334	0.00023	0.000107	0.105	0.00000196	0.000204	0.000616	0.0016	0.000351
2089 Oct	0.000278	0.00104	0.117	0.00000917	1.77	3.69	0.0449	0.000407	11.6	0.00172	0.00931	0.000326	0.000226	0.000106	0.104	0.00000195	0.000203	0.000604	0.00158	0.000352
2089 Nov	0.000282	0.00105	0.118	0.00000932	1.8	3.75	0.0455	0.000414	11.8	0.00175	0.00946	0.00033	0.00023	0.000107	0.106	0.00000198	0.000206	0.000612	0.0016	0.000358
2089 Dec	0.000287	0.00107	0.12	0.00000946	1.83	3.8	0.0462	0.000421	11.9	0.00177	0.00961	0.000335	0.000233	0.000109	0.107	0.00000201	0.00021	0.000622	0.00163	0.000364
2090 Jan	0.000291	0.00109	0.122	0.0000096	1.86	3.86	0.0469	0.000427	12.1	0.0018	0.00975	0.00034	0.000237	0.000111	0.109	0.00000204	0.000213	0.000631	0.00165	0.00037
2090 Feb	0.000295	0.0011	0.124	0.00000975	1.89	3.92	0.0476	0.000434	12.3	0.00183	0.0099	0.000346	0.00024	0.000112	0.111	0.00000207	0.000216	0.000641	0.00168	0.000375
2090 Mar	0.000299	0.00112	0.126	0.00000988	1.91	3.97	0.0482	0.000439	12.5	0.00185	0.01	0.00035	0.000243	0.000114	0.112	0.0000021	0.000219	0.000649	0.0017	0.00038
2090 Apr	0.000303	0.00113	0.127	0.00001	1.93	4.02	0.0488	0.000445	12.6	0.00188	0.0102	0.000355	0.000247	0.000115	0.114	0.00000213	0.000222	0.000657	0.00172	0.000385
2090 May	0.000303	0.00113	0.127	0.00000997	1.93	4.01	0.0488	0.000443	12.6	0.00187	0.0101	0.000355	0.000246	0.000115	0.113	0.00000212	0.000221	0.000657	0.00171	0.000385
2090 Jun	0.000278	0.00101	0.115	0.00000889	1.73	3.61	0.045	0.000389	11.3	0.00168	0.00905	0.00033	0.000223	0.000104	0.103	0.00000189	0.000196	0.000604	0.00154	0.000345
2090 Jul	0.000277	0.00101	0.115	0.00000894	1.74	3.62	0.0448	0.000389	11.3	0.00169	0.00908	0.000328	0.000224	0.000104	0.103	0.0000019	0.000197	0.000604	0.00155	0.000347
2090 Aug	0.000273	0.00101	0.114	0.00000895	1.73	3.6	0.0442	0.000392	11.3	0.00168	0.00906	0.000322	0.000222	0.000103	0.102	0.0000019	0.000197	0.000594	0.00154	0.000349
2090 Sep	0.00027	0.00101	0.113	0.00000894	1.73	3.59	0.0435	0.000397	11.3	0.00168	0.00905	0.000316	0.00022	0.000103	0.101	0.0000019	0.000198	0.000585	0.00153	0.000352
2090 Oct	0.000266	0.00101	0.112	0.00000892	1.72	3.56	0.0426	0.000402	11.3	0.00167	0.00904	0.000307	0.000217	0.000102	0.101	0.0000019	0.000198	0.000574	0.00152	0.000351
2090 Nov	0.000266	0.00101	0.112	0.00000896	1.73	3.58	0.0427	0.000406	11.4	0.00168	0.0091	0.000307	0.000217	0.000103	0.101	0.00000191	0.000199	0.000574	0.00152	0.000354
2090 Dec	0.000271	0.00103	0.114	0.00000911	1.76	3.64	0.0434	0.000413	11.6	0.00171	0.00925	0.000312	0.000221	0.000104	0.103	0.00000194	0.000203	0.000584	0.00155	0.00036
2091 Jan	0.000275	0.00105	0.116	0.00000925	1.79	3.7	0.0441	0.00042	11.8	0.00173	0.00939	0.000317	0.000225	0.000106	0.104	0.00000197	0.000206	0.000593	0.00157	0.000366
2091 Feb	0.000279	0.00106	0.118	0.0000094	1.81	3.76	0.0448	0.000426	11.9	0.00176	0.00954	0.000322	0.000228	0.000108	0.106	0.000002	0.000209	0.000603	0.0016	0.000372
2091 Mar	0.000283	0.00108	0.119	0.00000952	1.84	3.8	0.0453	0.000432	12.1	0.00178	0.00966	0.000326	0.000231	0.000109	0.107	0.00000203	0.000212	0.00061	0.00162	0.000376
2091 Apr	0.000285	0.00109	0.12	0.0000096	1.85	3.83	0.0457	0.000435	12.2	0.0018	0.00974	0.000329	0.000233	0.00011	0.108	0.00000204	0.000213	0.000615	0.00163	0.00038
2091 May	0.000284	0.00107	0.119	0.00000947	1.83	3.79	0.0456	0.000428	12	0.00177	0.00963	0.000329	0.00023	0.000109	0.107	0.00000202	0.00021	0.000612	0.00161	0.000373
2091 Jun	0.000278	0.00101	0.115	0.00000889	1.73	3.59	0.0448	0.000394	11.3	0.00167	0.00907	0.000328	0.000218	0.000103	0.103	0.00000189	0.000195	0.000597	0.00153	0.000339
2091 Jul	0.000278	0.00102	0.116	0.00000895	1.74	3.61	0.0449	0.000396	11.4	0.00168	0.00912	0.000329	0.000219	0.000104	0.103	0.00000191	0.000196	0.0006	0.00154	0.000342
2091 Aug	0.000276	0.00102	0.115	0.00000897	1.74	3.61	0.0445	0.000398	11.4	0.00168	0.00912	0.000325	0.000219	0.000104	0.103	0.00000191	0.000197	0.000594	0.00153	0.000345
2091 Sep	0.000274	0.00102	0.115	0.00000899	1.74	3.6	0.0442	0.000401	11.3	0.00168	0.00911	0.000321	0.000217	0.000103	0.103	0.00000191	0.000197	0.000588	0.00153	0.00035
2091 Oct	0.000272	0.00102	0.114	0.00000898	1.74	3.6	0.0437	0.000405	11.3	0.00168	0.00911	0.000317	0.000216	0.000103	0.102	0.00000191	0.000198	0.000583	0.00152	0.000353
2091 Nov	0.000271	0.00102	0.114	0.000009	1.74	3.6	0.0435	0.000409	11.4	0.00168	0.00914	0.000315	0.000216	0.000103	0.102	0.00000191	0.000198	0.000581	0.00152	0.000355
2091 Dec	0.000276	0.00104	0.116	0.00000915	1.77	3.66	0.0442	0.000415	11.6	0.00171	0.00929	0.00032	0.00022	0.000105	0.104	0.00000194	0.000202	0.00059	0.00155	0.000362
2092 Jan	0.00028	0.00105	0.118	0.0000093	1.8	3.72	0.045	0.000422	11.8	0.00174	0.00945	0.000325	0.000223	0.000107	0.106	0.00000198	0.000205	0.0006	0.00157	0.000368
2092 Feb	0.000284	0.00107	0.119	0.00000943	1.82	3.77	0.0456	0.000428	11.9	0.00176	0.00958	0.000329	0.000226	0.000108	0.107	0.000002	0.000208	0.000608	0.00159	0.000373
2092 Mar	0.000287	0.00108	0.12	0.00000952	1.84	3.81	0.046	0.000432	12	0.00178	0.00967	0.000333	0.000229	0.000109	0.108	0.00000202	0.00021	0.000614	0.00161	0.000377
2092 Apr	0.00029	0.00109	0.122	0.00000962	1.86	3.85	0.0465	0.000437	12.2	0.0018	0.00977	0.000336	0.000231	0.00011	0.109	0.00000204	0.000212	0.00062	0.00163	0.00038
2092 May	0.000289	0.00108	0.121	0.00000948	1.84	3.81	0.0464	0.000429	12	0.00177	0.00964	0.000337	0.000228	0.000109	0.108	0.00000201	0.000208	0.000618	0.00161	0.000375
2092 Jun	0.000282	0.00102	0.116	0.00000891	1.74	3.62	0.0456	0.000394	11.4	0.00168	0.00909	0.000335	0.000218	0.000104	0.104	0.0000019	0.000195	0.000605	0.00153	0.000345
2092 Jul	0.00028	0.00101	0.116	0.00000893	1.74	3.61	0.0452	0.000394	11.4	0.00168	0.00909	0.000332	0.000219	0.000104	0.103	0.0000019	0.000196	0.000602	0.00153	0.000347
2092 Aug	0.00028	0.00102	0.116	0.00000898	1.75	3.63	0.0453	0.000397	11.4	0.00169	0.00913	0.000332	0.00022	0.000104	0.104	0.00000191	0.000197	0.000603	0.00154	0.000353
2092 Sep	0.000279	0.00102	0.116	0.000009	1.75	3.64	0.0451	0.0004	11.4	0.00169	0.00913	0.00033	0.00022	0.000104	0.104	0.00000191	0.000198	0.0006	0.00154	0.000361
2092 Oct	0.000279	0.00102	0.116	0.00000902	1.75	3.65	0.045	0.000403	11.4	0.0017	0.00915	0.000328	0.000221	0.000105	0.104	0.00000191	0.000198	0.000599	0.00154	0.000367
2092 Nov	0.000284	0.00104	0.118	0.00000918	1.78	3.71	0.0458	0.000411	11.6	0.00173	0.00931	0.000333	0.000225	0.000106	0.106	0.00000194	0.000202	0.000609	0.00156	0.000376
2092 Dec	0.000287	0.00105	0.119	0.0000093	1.81	3.76	0.0464	0.000416	11.8	0.00175	0.00943	0.000338	0.000227	0.000108	0.107	0.00000197	0.000204	0.000617	0.00158	0.000381
2093 Jan	0.000292	0.00107	0.121	0.00000946	1.84	3.83	0.0472	0.000423	12	0.00178	0.00959	0.000344	0.000231	0.00011	0.109	0.000002	0.000208	0.000628	0.00161	0.000388
2093 Feb	0.000296	0.00109	0.123	0.00000959	1.86	3.88	0.0478	0.000429	12.1	0.0018	0.00973	0.000348	0.000235	0.000111	0.11	0.00000203	0.000211	0.000636	0.00163	0.000393
2093 Mar	0.000299	0.0011	0.124	0.00000968	1.88	3.92	0.0483	0.000433	12.2	0.00182	0.00981	0.000351	0.000237	0.000112	0.111	0.00000205	0.000213	0.000642	0.00165	0.000397
2093 Apr	0.000302	0.00111	0.125	0.00000976	1.9	3.95	0.0487	0.000437	12.3	0.00184	0.0099	0.000355	0.000239	0.000113	0.112	0.00000207	0.000215	0.000648	0.00166	0.000401
2093 May	0.000298	0.00108	0.123	0.00000956	1.86	3.88	0.0481	0.000426	12.1	0.0018	0.0097	0.000351	0.000234	0.000111	0.11	0.00000202	0.000209	0.000639	0.00163	0.000392
2093 Jun	0.000285	0.00101	0.117	0.00000888	1.74	3.62	0.0462	0.00039	11.3	0.00168	0.00904	0.000341	0.000219	0.000104	0.104	0.00000188	0.000193	0.000611	0.00153	0.000354
2093 Jul	0.000285	0.00102	0.117	0.00000893	1.75	3.63	0.0462	0.000391	11.3	0.00168	0.00908	0.000341	0.00022	0.000104	0.104	0.00000189	0.000195	0.000612	0.00154	0.000356
2093 Aug	0.000285	0.00102	0.118	0.00000898	1.75	3.65	0.0462	0.000393	11.3	0.00169	0.00912	0.000341	0.000221	0.000105	0.105	0.0000019	0.000196	0.000612	0.00154	0.00036
2093 Sep	0.000284	0.00102	0.117	0.00000899	1.75	3.65	0.046	0.000396	11.3	0.00169	0.00913	0.000338	0.000221	0.000105	0.105	0.0000019	0.000197	0.000609	0.00154	0.000365
2093 Oct	0.00028	0.00102	0.116	0.00000896	1.74	3.62	0.0451	0.0004	11.2	0.00168	0.0091	0.00033	0.000218	0.000104	0.104	0.00000189	0.000196	0.000598	0.00152	0.000366
2093 Nov	0.000279	0.00102	0.116	0.00000899	1.74	3.63	0.045	0.000404	11.3	0.00168	0.00915	0.000328	0.000217	0.000104	0.104	0.0000019	0.000197	0.000597	0.00152	0.000368
2093 Dec	0.000283	0.00103	0.118	0.00000912	1.77	3.68	0.0456	0.00041	11.4	0.00171	0.00927	0.000333	0.00022	0.000105	0.105	0.00000193	0.0002	0.000605	0.00154	0.000373
2094 Jan	0.000287	0.00105	0.119	0.00000925	1.79	3.74	0.0463	0.000415	11.6	0.00173	0.00941	0.000338	0.000224	0.000107	0.107	0.00000195	0.000202	0.000614	0.00157	0.000379
2094 Feb	0.000291	0.00107	0.121	0.00000939	1.82	3.79	0.047	0.000422	11.8	0.00176	0.00955	0.000343	0.000227	0.000108	0.108	0.00000198	0.000205	0.000623	0.00159	0.000384
2094 Mar	0.000295	0.00108	0.123	0.00000952	1.85	3.84	0.0476	0.000428	11.9	0.00178	0.00968	0.000348	0.00023	0.00011	0.11	0.00000201	0.000208	0.000632	0.00161	0.00039
2094 Apr	0.000298	0.00109	0.124	0.00000961	1.86	3.88	0.0481	0.000432	12.1	0.0018	0.00977	0.000351	0.000232	0.000111	0.111	0.00000203	0.00021	0.000638	0.00163	0.000393
2094 May	0.000295	0.00107	0.122	0.00000936	1.82	3.8	0.0476	0.000419	11.8	0.00176	0.00953	0.000349	0.000227	0.000109	0.109	0.00000198	0.000204	0.000629	0.00159	0.000383
2094 Jun	0.000289	0.00102	0.119	0.00000893	1.75	3.66	0.0469	0.000395	11.2	0.00169	0.00912	0.000347	0.000218	0.000105	0.106	0.00000189	0.000194	0.000617	0.00152	0.000361
2094 Jul	0.000291	0.00103	0.119	0.000009	1.76	3.68	0.0471	0.000398	11.3	0.0017	0.00919	0.000348	0.00022	0.000105	0.106	0.0000019	0.000196	0.00062	0.00153	0.000366
2094 Aug	0.000292	0.00103	0.12	0.00000907	1.78	3.71	0.0474	0.000401	11.4	0.00171	0.00924	0.00035	0.000222	0.000106	0.107	0.00000191	0.000197	0.000623	0.00154	0.000373
2094 Sep	0.000291	0.00104	0.12	0.00000908	1.77	3.71	0.0471	0.000404	11.4	0.00171	0.00925	0.000347	0.000221	0.000106	0.107	0.00000191	0.000198	0.00062	0.00154	0.000378
2094 Oct	0.000288	0.00103	0.119	0.00000907	1.76	3.7	0.0466	0.000407	11.3	0.0017	0.00924	0.000342	0.000219	0.000105	0.106	0.00000191	0.000197	0.000613	0.00153	0.000382
2094 Nov	0.000286	0.00103	0.119	0.00000909	1.76	3.7	0.0462	0.000411	11.2	0.0017	0.00926	0.000338	0.000218	0.000105	0.106	0.00000191	0.000198	0.000608	0.00153	0.000385
2094 Dec	0.000291	0.00105	0.121	0.00000925	1.79	3.76	0.0469	0.000418	11.4	0.00173	0.00943	0.000344	0.000222	0.000107	0.108	0.00000194	0.000201	0.000619	0.00155	0.000392
2095 Jan	0.000295	0.00106	0.122	0.00000935	1.81	3.8	0.0475	0.000423	11.6	0.00175	0.00954	0.000348	0.000225	0.000108	0.109	0.00000196	0.000203	0.000626	0.00157	0.000397
2095 Feb	0.0003	0.00109	0.124	0.00000953	1.85	3.88	0.0484	0.000431	11.8	0.00179	0.00972	0.000354	0.000229	0.00011	0.111	0.000002	0.000207	0.000638	0.0016	0.000405
2095 Mar	0.000304	0.0011	0.126	0.00000966	1.87	3.93	0.049	0.000437	11.9	0.00181	0.00985	0.000359	0.000232	0.000112	0.112	0.00000203	0.00021	0.000646	0.00162	0.00041

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.000307	0.00111	0.127	0.00000975	1.89	3.97	0.0495	0.000441	12.1	0.00183	0.00994	0.000362	0.000234	0.000113	0.114	0.00000205	0.000212	0.000653	0.00164	0.000414
2095 May	0.0003	0.00107	0.124	0.00000939	1.83	3.84	0.0485	0.000423	11.6	0.00176	0.00959	0.000357	0.000226	0.000109	0.11	0.00000197	0.000204	0.000637	0.00158	0.000394
2095 Jun	0.000296	0.00104	0.121	0.00000906	1.77	3.72	0.0479	0.000404	11.2	0.0017	0.00928	0.000355	0.000219	0.000106	0.108	0.0000019	0.000195	0.000627	0.00153	0.000374
2095 Jul	0.000297	0.00104	0.122	0.00000913	1.78	3.74	0.0481	0.000406	11.3	0.00172	0.00934	0.000356	0.00022	0.000106	0.108	0.00000192	0.000197	0.000629	0.00154	0.000377
2095 Aug	0.000295	0.00104	0.121	0.00000915	1.78	3.73	0.0477	0.000408	11.3	0.00171	0.00933	0.000353	0.000219	0.000106	0.108	0.00000192	0.000198	0.000623	0.00154	0.000379
2095 Sep	0.000293	0.00104	0.121	0.00000917	1.78	3.73	0.0474	0.00041	11.2	0.00171	0.00933	0.00035	0.000218	0.000106	0.108	0.00000192	0.000198	0.000619	0.00153	0.000383
2095 Oct	0.000293	0.00104	0.121	0.00000917	1.78	3.74	0.0473	0.000412	11.2	0.00171	0.00933	0.000348	0.000218	0.000106	0.107	0.00000192	0.000198	0.000618	0.00153	0.000387
2095 Nov	0.000291	0.00104	0.12	0.00000914	1.77	3.72	0.0469	0.000413	11.2	0.00171	0.00931	0.000344	0.000217	0.000106	0.107	0.00000191	0.000198	0.000612	0.00152	0.000387
2095 Dec	0.000293	0.00105	0.121	0.00000924	1.79	3.76	0.0473	0.000417	11.3	0.00172	0.0094	0.000348	0.000219	0.000107	0.108	0.00000193	0.0002	0.000618	0.00154	0.000392
2096 Jan	0.000298	0.00107	0.123	0.0000094	1.82	3.82	0.0481	0.000424	11.5	0.00176	0.00957	0.000354	0.000223	0.000109	0.11	0.00000196	0.000203	0.000629	0.00157	0.000399
2096 Feb	0.000302	0.00108	0.125	0.00000952	1.84	3.87	0.0488	0.00043	11.6	0.00178	0.00969	0.000358	0.000226	0.00011	0.111	0.00000199	0.000206	0.000637	0.00159	0.000404
2096 Mar	0.000307	0.0011	0.127	0.00000965	1.87	3.93	0.0495	0.000436	11.8	0.0018	0.00983	0.000363	0.000229	0.000112	0.113	0.00000202	0.000209	0.000646	0.00161	0.00041
2096 Apr	0.00031	0.00111	0.128	0.00000976	1.89	3.97	0.05	0.000441	11.9	0.00182	0.00994	0.000368	0.000232	0.000113	0.114	0.00000204	0.000211	0.000654	0.00163	0.000415
2096 May	0.000308	0.0011	0.127	0.00000963	1.87	3.93	0.0498	0.000434	11.8	0.0018	0.00981	0.000366	0.000229	0.000112	0.113	0.00000201	0.000208	0.000649	0.00161	0.000412
2096 Jun	0.000292	0.00103	0.12	0.00000908	1.76	3.69	0.0473	0.0004	11.1	0.0017	0.00924	0.00035	0.00022	0.000105	0.107	0.0000019	0.000194	0.000623	0.00154	0.000382
2096 Jul	0.000291	0.00103	0.12	0.00000913	1.77	3.69	0.0471	0.0004	11.2	0.0017	0.00927	0.000348	0.000221	0.000105	0.106	0.00000191	0.000196	0.000622	0.00155	0.000383
2096 Aug	0.000292	0.00104	0.121	0.00000918	1.78	3.71	0.0473	0.000403	11.2	0.00171	0.00932	0.000349	0.000222	0.000106	0.107	0.00000192	0.000197	0.000624	0.00156	0.000388
2096 Sep	0.00029	0.00104	0.12	0.0000092	1.77	3.71	0.0469	0.000407	11.2	0.00171	0.00933	0.000345	0.000221	0.000106	0.107	0.00000192	0.000198	0.00062	0.00155	0.000391
2096 Oct	0.000285	0.00103	0.119	0.00000915	1.76	3.67	0.046	0.000409	11.1	0.0017	0.00929	0.000337	0.000218	0.000105	0.106	0.00000191	0.000197	0.000608	0.00153	0.000391
2096 Nov	0.000288	0.00104	0.12	0.00000925	1.77	3.71	0.0463	0.000414	11.2	0.00171	0.00939	0.000339	0.000219	0.000105	0.107	0.00000193	0.000199	0.000613	0.00155	0.000395
2096 Dec	0.000294	0.00107	0.122	0.00000945	1.81	3.79	0.0474	0.000424	11.5	0.00175	0.0096	0.000347	0.000224	0.000108	0.109	0.00000197	0.000203	0.000627	0.00158	0.000404
2097 Jan	0.000299	0.00108	0.125	0.00000962	1.85	3.86	0.0482	0.000431	11.7	0.00178	0.00977	0.000353	0.000228	0.00011	0.111	0.00000201	0.000207	0.000638	0.00161	0.000411
2097 Feb	0.000305	0.0011	0.127	0.00000979	1.88	3.93	0.0491	0.000439	11.9	0.00181	0.00995	0.000359	0.000232	0.000112	0.113	0.00000204	0.00021	0.000649	0.00164	0.000419
2097 Mar	0.000309	0.00112	0.128	0.00000992	1.9	3.98	0.0497	0.000445	12	0.00184	0.0101	0.000364	0.000235	0.000113	0.114	0.00000207	0.000213	0.000657	0.00166	0.000424
2097 Apr	0.000311	0.00113	0.13	0.00001	1.92	4.01	0.0501	0.000448	12.1	0.00185	0.0102	0.000367	0.000237	0.000114	0.115	0.00000209	0.000215	0.000663	0.00167	0.000428
2097 May	0.000308	0.00111	0.128	0.00000982	1.89	3.94	0.0496	0.000439	11.9	0.00182	0.00998	0.000364	0.000233	0.000112	0.114	0.00000205	0.00021	0.000655	0.00164	0.000418
2097 Jun	0.000294	0.00104	0.121	0.00000916	1.77	3.7	0.0475	0.000404	11.1	0.0017	0.00933	0.000351	0.000219	0.000105	0.107	0.00000191	0.000195	0.000625	0.00154	0.000379
2097 Jul	0.000295	0.00104	0.122	0.00000922	1.78	3.72	0.0476	0.000406	11.2	0.00171	0.00939	0.000352	0.00022	0.000106	0.108	0.00000193	0.000196	0.000628	0.00155	0.000383
2097 Aug	0.000295	0.00105	0.122	0.00000927	1.78	3.73	0.0476	0.000408	11.2	0.00172	0.00942	0.000352	0.000221	0.000106	0.108	0.00000193	0.000198	0.000627	0.00156	0.000386
2097 Sep	0.000295	0.00105	0.122	0.00000929	1.79	3.74	0.0476	0.000411	11.2	0.00172	0.00944	0.000351	0.000221	0.000106	0.108	0.00000194	0.000198	0.000627	0.00156	0.000389
2097 Oct	0.000294	0.00105	0.122	0.0000093	1.79	3.74	0.0474	0.000413	11.2	0.00172	0.00945	0.000349	0.00022	0.000106	0.108	0.00000194	0.000199	0.000625	0.00156	0.000391
2097 Nov	0.000295	0.00106	0.123	0.00000937	1.8	3.76	0.0477	0.000416	11.3	0.00173	0.00952	0.000351	0.000222	0.000107	0.109	0.00000195	0.0002	0.000628	0.00157	0.000395
2097 Dec	0.000299	0.00107	0.124	0.00000949	1.82	3.81	0.0483	0.000422	11.4	0.00175	0.00964	0.000355	0.000225	0.000108	0.11	0.00000197	0.000203	0.000636	0.00159	0.000401
2098 Jan	0.000304	0.00109	0.126	0.00000966	1.85	3.88	0.0491	0.000429	11.6	0.00179	0.00981	0.000362	0.000229	0.00011	0.112	0.00000201	0.000206	0.000647	0.00161	0.000408
2098 Feb	0.00031	0.00111	0.129	0.00000983	1.89	3.94	0.05	0.000437	11.8	0.00182	0.00999	0.000368	0.000233	0.000112	0.114	0.00000204	0.00021	0.000659	0.00164	0.000415
2098 Mar	0.000314	0.00112	0.13	0.00000997	1.91	4	0.0507	0.000443	12	0.00184	0.0101	0.000373	0.000236	0.000114	0.116	0.00000207	0.000213	0.000668	0.00167	0.000421
2098 Apr	0.000317	0.00113	0.132	0.0000101	1.93	4.04	0.0512	0.000447	12.1	0.00186	0.0102	0.000377	0.000238	0.000115	0.117	0.00000209	0.000215	0.000674	0.00168	0.000424
2098 May	0.000312	0.00109	0.128	0.00000963	1.86	3.89	0.0504	0.000425	11.6	0.00179	0.00982	0.000372	0.000228	0.000111	0.113	0.000002	0.000204	0.00066	0.00161	0.000399
2098 Jun	0.000306	0.00104	0.125	0.00000914	1.79	3.73	0.0498	0.000396	11.1	0.00171	0.00936	0.000372	0.000219	0.000106	0.11	0.00000191	0.000193	0.000649	0.00155	0.000363
2098 Jul	0.000307	0.00105	0.125	0.0000092	1.8	3.75	0.0499	0.000398	11.2	0.00172	0.00941	0.000373	0.000221	0.000107	0.11	0.00000192	0.000195	0.000652	0.00156	0.000366
2098 Aug	0.000306	0.00105	0.125	0.00000923	1.8	3.75	0.0497	0.0004	11.2	0.00172	0.00942	0.000371	0.000221	0.000107	0.11	0.00000192	0.000196	0.000648	0.00156	0.00037
2098 Sep	0.000302	0.00104	0.124	0.00000922	1.79	3.73	0.0489	0.000404	11.1	0.00171	0.0094	0.000363	0.000218	0.000106	0.109	0.00000192	0.000196	0.000638	0.00155	0.000372
2098 Oct	0.000297	0.00104	0.122	0.00000919	1.78	3.7	0.048	0.000408	11.1	0.0017	0.00938	0.000354	0.000215	0.000105	0.108	0.00000191	0.000196	0.000627	0.00153	0.000375
2098 Nov	0.000297	0.00104	0.123	0.00000923	1.78	3.72	0.0479	0.000412	11.1	0.00171	0.00942	0.000354	0.000216	0.000105	0.108	0.00000192	0.000197	0.000626	0.00154	0.000378
2098 Dec	0.000302	0.00106	0.124	0.00000937	1.81	3.77	0.0487	0.000418	11.3	0.00173	0.00957	0.000359	0.000219	0.000107	0.11	0.00000195	0.0002	0.000636	0.00156	0.000384
2099 Jan	0.000306	0.00108	0.126	0.0000095	1.84	3.82	0.0493	0.000424	11.5	0.00176	0.00969	0.000364	0.000222	0.000108	0.111	0.00000197	0.000202	0.000645	0.00158	0.000389
2099 Feb	0.00031	0.00109	0.128	0.00000963	1.86	3.88	0.05	0.00043	11.6	0.00178	0.00983	0.000369	0.000225	0.00011	0.113	0.000002	0.000205	0.000654	0.0016	0.000395
2099 Mar	0.000314	0.0011	0.129	0.00000974	1.88	3.92	0.0506	0.000435	11.8	0.0018	0.00995	0.000373	0.000228	0.000111	0.114	0.00000203	0.000208	0.000661	0.00162	0.000399
2099 Apr	0.000316	0.00111	0.13	0.00000978	1.89	3.94	0.0509	0.000436	11.8	0.00181	0.00999	0.000375	0.000229	0.000112	0.115	0.00000203	0.000208	0.000665	0.00163	0.000401
2099 May	0.000313	0.00105	0.127	0.00000916	1.8	3.77	0.0508	0.000404	11.2	0.00171	0.00943	0.000371	0.000216	0.000106	0.111	0.00000191	0.000194	0.000653	0.00153	0.000364
2099 Jun	0.000315	0.00105	0.127	0.00000911	1.8	3.77	0.0512	0.000399	11.2	0.00171	0.00939	0.000376	0.000216	0.000106	0.112	0.0000019	0.000193	0.000658	0.00153	0.000359
2099 Jul	0.000315	0.00105	0.127	0.00000917	1.81	3.78	0.0513	0.000401	11.2	0.00172	0.00944	0.000377	0.000218	0.000107	0.112	0.00000191	0.000195	0.00066	0.00154	0.000362
2099 Aug	0.000316	0.00106	0.128	0.00000923	1.82	3.8	0.0513	0.000405	11.3	0.00173	0.00948	0.000376	0.000218	0.000107	0.112	0.00000192	0.000196	0.00066	0.00154	0.000367
2099 Sep	0.000313	0.00106	0.127	0.00000923	1.81	3.79	0.0509	0.000407	11.2	0.00172	0.00947	0.000372	0.000217	0.000107	0.112	0.00000192	0.000196	0.000654	0.00154	0.00037
2099 Oct	0.00031	0.00105	0.126	0.00000921	1.8	3.77	0.0502	0.000409	11.1	0.00171	0.00945	0.000366	0.000215	0.000106	0.111	0.00000191	0.000196	0.000646	0.00153	0.000371
2099 Nov	0.000311	0.00106	0.127	0.0000093	1.82	3.8	0.0504	0.000415	11.2	0.00173	0.00954	0.000367	0.000216	0.000107	0.112	0.00000193	0.000198	0.000649	0.00154	0.000376
2099 Dec	0.000318	0.00108	0.129	0.00000948	1.86	3.88	0.0514	0.000423	11.5	0.00176	0.00973	0.000374	0.00022	0.000109	0.114	0.00000197	0.000202	0.000662	0.00157	0.000383
2100 Jan	0.000323	0.0011	0.132	0.00000965	1.89	3.94	0.0523	0.000431	11.7	0.00179	0.0099	0.000381	0.000224	0.000111	0.116	0.000002	0.000205	0.000674	0.0016	0.00039
2100 Feb	0.000328	0.00112	0.134	0.0000098	1.92	4	0.0531	0.000437	11.8	0.00182	0.0101	0.000387	0.000228	0.000112	0.118	0.00000203	0.000208	0.000684	0.00162	0.000397
2100 Mar	0.000333	0.00114	0.136	0.00000994	1.94	4.06	0.0539	0.000444	12	0.00185	0.0102	0.000392	0.000231	0.000114	0.12	0.00000206	0.000211	0.000694	0.00164	0.000402
2100 Apr	0.000336	0.00115	0.137	0.00001	1.96	4.1	0.0544	0.000448	12.1	0.00186	0.0103	0.000396	0.000233	0.000115	0.121	0.00000208	0.000213	0.0007	0.00166	0.000406
2100 May	0.000325	0.00109	0.132	0.00000952	1.87	3.91	0.0527	0.000422	11.5	0.00177	0.00979	0.000386	0.000222	0.00011	0.116	0.00000198	0.000201	0.000676	0.00158	0.000383
2100 Jun	0.000315	0.00104	0.127	0.00000906	1.79	3.74	0.0513	0.000395	11	0.00169	0.00933	0.00038	0.000214	0.000105	0.111	0.00000188	0.000191	0.000659	0.00152	0.000353
2100 Jul	0.000314	0.00104	0.127	0.00000909	1.79	3.74	0.0511	0.000395	11.1	0.0017	0.00935	0.000378	0.000215	0.000106	0.111	0.00000189	0.000192	0.000658	0.00153	0.000357
2100 Aug	0.000311	0.00104	0.126	0.00000911	1.79	3.73	0.0506	0.000397	11	0.0017	0.00933	0.000373	0.000214	0.000105	0.111	0.00000189	0.000193	0.000651	0.00152	0.000359
2100 Sep	0.000309	0.00104	0.125	0.00000912	1.79	3.73	0.0503	0.0004	11	0.0017	0.00933	0.00037	0.000214	0.000105	0.11	0.00000189	0.000193	0.000646	0.00152	0.000362
2100 Oct	0.00031	0.00104	0.126	0.00000916	1.8	3.74	0.0503	0.000403	11.1	0.0017	0.00937	0.00037	0.000214	0.000106	0.111	0.0000019	0.000195	0.000647	0.00152	0.000366

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2100 Nov	0.000315	0.00106	0.128	0.00000931	1.83	3.81	0.0511	0.00041	11.3	0.00173	0.00952	0.000375	0.000218	0.000107	0.112	0.00000193	0.000198	0.000657	0.00155	0.000373
2100 Dec	0.000319	0.00107	0.129	0.00000942	1.85	3.85	0.0517	0.000415	11.4	0.00175	0.00964	0.00038	0.00022	0.000109	0.114	0.00000195	0.0002	0.000665	0.00157	0.000378
2101 Jan	0.000324	0.00109	0.131	0.00000958	1.88	3.92	0.0526	0.000422	11.6	0.00178	0.0098	0.000386	0.000224	0.000111	0.116	0.00000199	0.000204	0.000676	0.00159	0.000385
2101 Feb	0.000331	0.00112	0.134	0.00000979	1.92	4	0.0537	0.000431	11.9	0.00182	0.01	0.000395	0.000229	0.000113	0.118	0.00000203	0.000208	0.000691	0.00163	0.000393
2101 Mar	0.000336	0.00113	0.136	0.00000994	1.95	4.06	0.0546	0.000438	12	0.00185	0.0102	0.000401	0.000232	0.000115	0.12	0.00000206	0.000211	0.000701	0.00165	0.000399
2101 Apr	0.00034	0.00115	0.138	0.00001	1.97	4.11	0.0552	0.000443	12.2	0.00187	0.0103	0.000405	0.000235	0.000116	0.121	0.00000208	0.000214	0.000709	0.00167	0.000404
2101 May	0.000325	0.00108	0.131	0.00000946	1.86	3.88	0.0529	0.000413	11.4	0.00176	0.00969	0.000391	0.000222	0.00011	0.115	0.00000196	0.0002	0.000678	0.00158	0.000374
2101 Jun	0.000312	0.00102	0.125	0.00000893	1.77	3.68	0.0509	0.000386	10.9	0.00167	0.00918	0.000378	0.000211	0.000104	0.11	0.00000185	0.000188	0.000652	0.0015	0.000346
2101 Jul	0.000313	0.00103	0.126	0.000009	1.78	3.7	0.0511	0.000388	10.9	0.00168	0.00923	0.00038	0.000213	0.000105	0.11	0.00000187	0.00019	0.000655	0.00151	0.000349
2101 Aug	0.000314	0.00103	0.126	0.00000905	1.79	3.72	0.0512	0.000391	11	0.00169	0.00928	0.000381	0.000214	0.000105	0.111	0.00000188	0.000191	0.000657	0.00152	0.000353
2101 Sep	0.000312	0.00103	0.126	0.00000906	1.78	3.71	0.0508	0.000394	10.9	0.00169	0.00927	0.000376	0.000213	0.000105	0.11	0.00000188	0.000192	0.00065	0.00151	0.000356
2101 Oct	0.00031	0.00103	0.125	0.00000906	1.78	3.71	0.0505	0.000395	10.9	0.00168	0.00926	0.000373	0.000212	0.000105	0.11	0.00000187	0.000191	0.000647	0.00151	0.000359
2101 Nov	0.000307	0.00103	0.124	0.00000901	1.77	3.68	0.0499	0.000395	10.8	0.00167	0.00922	0.000368	0.00021	0.000104	0.109	0.00000186	0.00019	0.00064	0.0015	0.000359
2101 Dec	0.000311	0.00104	0.126	0.00000914	1.79	3.73	0.0506	0.000401	11	0.00169	0.00935	0.000373	0.000213	0.000105	0.111	0.00000189	0.000193	0.000649	0.00152	0.000365
2102 Jan	0.000317	0.00106	0.128	0.00000931	1.83	3.8	0.0515	0.000409	11.2	0.00173	0.00953	0.000381	0.000217	0.000107	0.113	0.00000192	0.000197	0.000661	0.00155	0.000372
2102 Feb	0.000322	0.00108	0.13	0.00000946	1.85	3.86	0.0523	0.000415	11.3	0.00175	0.00968	0.000386	0.00022	0.000109	0.115	0.00000195	0.0002	0.000671	0.00157	0.000378
2102 Mar	0.000326	0.00109	0.132	0.00000958	1.88	3.91	0.053	0.00042	11.5	0.00178	0.00981	0.000392	0.000223	0.00011	0.116	0.00000198	0.000202	0.00068	0.00159	0.000383
2102 Apr	0.00033	0.0011	0.134	0.00000968	1.9	3.95	0.0536	0.000425	11.6	0.0018	0.00991	0.000396	0.000225	0.000112	0.117	0.000002	0.000205	0.000687	0.00161	0.000387
2102 May	0.000332	0.00111	0.135	0.00000975	1.91	3.98	0.054	0.000428	11.7	0.00181	0.00998	0.000399	0.000227	0.000112	0.118	0.00000201	0.000206	0.000692	0.00162	0.000389
2102 Jun	0.000296	0.00101	0.122	0.00000903	1.74	3.59	0.0481	0.000386	10.7	0.00165	0.00918	0.000354	0.000212	0.000102	0.106	0.00000187	0.000188	0.000631	0.00152	0.000352
2102 Jul	0.000286	0.000986	0.118	0.00000891	1.7	3.49	0.0464	0.000376	10.5	0.00162	0.00903	0.00034	0.000211	0.0000994	0.103	0.00000185	0.000185	0.000616	0.00151	0.000342
2102 Aug	0.000286	0.000989	0.119	0.00000896	1.7	3.5	0.0464	0.000379	10.5	0.00163	0.00906	0.00034	0.000211	0.0000997	0.103	0.00000185	0.000186	0.000614	0.00152	0.000344
2102 Sep	0.000285	0.00099	0.118	0.00000898	1.71	3.5	0.0462	0.000381	10.5	0.00163	0.00907	0.000338	0.00021	0.0000997	0.103	0.00000186	0.000187	0.000612	0.00151	0.000345
2102 Oct	0.000283	0.000991	0.118	0.00000899	1.7	3.49	0.0457	0.000385	10.5	0.00162	0.00909	0.000333	0.000209	0.0000993	0.103	0.00000186	0.000187	0.000607	0.00151	0.000346
2102 Nov	0.000286	0.001	0.119	0.0000091	1.72	3.54	0.0463	0.00039	10.6	0.00164	0.0092	0.000337	0.000211	0.000101	0.104	0.00000188	0.00019	0.000614	0.00153	0.000352
2102 Dec	0.000291	0.00102	0.121	0.00000925	1.75	3.59	0.047	0.000396	10.8	0.00167	0.00935	0.000343	0.000215	0.000102	0.106	0.00000191	0.000193	0.000624	0.00155	0.000358
2103 Jan	0.000295	0.00104	0.123	0.0000094	1.78	3.65	0.0478	0.000403	11	0.0017	0.0095	0.000348	0.000218	0.000104	0.108	0.00000194	0.000196	0.000634	0.00158	0.000363
2103 Feb	0.0003	0.00105	0.125	0.00000953	1.81	3.7	0.0485	0.000408	11.1	0.00172	0.00964	0.000353	0.000221	0.000105	0.109	0.00000197	0.000199	0.000643	0.0016	0.000369
2103 Mar	0.000304	0.00107	0.127	0.00000967	1.83	3.76	0.0492	0.000414	11.3	0.00175	0.00977	0.000358	0.000225	0.000107	0.111	0.000002	0.000202	0.000652	0.00162	0.000374
2103 Apr	0.000307	0.00108	0.128	0.00000977	1.85	3.8	0.0497	0.000419	11.4	0.00177	0.00988	0.000362	0.000227	0.000108	0.112	0.00000202	0.000204	0.000659	0.00164	0.000378
2103 May	0.000302	0.00105	0.125	0.00000946	1.8	3.7	0.049	0.000403	11	0.00171	0.00958	0.000359	0.00022	0.000105	0.109	0.00000195	0.000196	0.000647	0.00159	0.000366
2103 Jun	0.000292	0.000987	0.12	0.00000888	1.7	3.51	0.0476	0.000373	10.4	0.00162	0.00902	0.000352	0.00021	0.0000999	0.104	0.00000184	0.000183	0.000626	0.00151	0.000339
2103 Jul	0.00029	0.000988	0.12	0.00000892	1.71	3.5	0.0473	0.000373	10.5	0.00162	0.00904	0.000349	0.000211	0.0000999	0.104	0.00000184	0.000184	0.000624	0.00151	0.00034
2103 Aug	0.000287	0.000989	0.119	0.00000895	1.7	3.49	0.0467	0.000374	10.4	0.00162	0.00904	0.000345	0.000209	0.0000995	0.104	0.00000185	0.000185	0.000615	0.00151	0.000341
2103 Sep	0.000285	0.000988	0.119	0.00000896	1.7	3.48	0.0461	0.000378	10.4	0.00162	0.00905	0.00034	0.000208	0.0000992	0.103	0.00000185	0.000185	0.000608	0.0015	0.000343
2103 Oct	0.00028	0.000987	0.117	0.00000894	1.69	3.46	0.0452	0.000383	10.4	0.00161	0.00905	0.000331	0.000205	0.0000983	0.102	0.00000185	0.000185	0.000598	0.00149	0.000343
2103 Nov	0.000282	0.000995	0.118	0.00000901	1.7	3.48	0.0454	0.000388	10.5	0.00162	0.00913	0.000332	0.000206	0.0000989	0.103	0.00000186	0.000187	0.0006	0.0015	0.000346
2103 Dec	0.000286	0.00101	0.12	0.00000915	1.73	3.53	0.0461	0.000394	10.7	0.00164	0.00927	0.000337	0.000209	0.0001	0.105	0.00000189	0.00019	0.00061	0.00152	0.000352
2104 Jan	0.000292	0.00103	0.122	0.00000934	1.77	3.61	0.0471	0.000402	10.9	0.00168	0.00947	0.000344	0.000214	0.000103	0.107	0.00000193	0.000194	0.000622	0.00155	0.000359
2104 Feb	0.000298	0.00105	0.125	0.00000952	1.8	3.67	0.048	0.00041	11.1	0.00171	0.00964	0.000351	0.000217	0.000105	0.109	0.00000196	0.000197	0.000634	0.00158	0.000366
2104 Mar	0.000302	0.00107	0.126	0.00000965	1.82	3.73	0.0486	0.000415	11.3	0.00173	0.00978	0.000356	0.00022	0.000106	0.11	0.00000199	0.0002	0.000643	0.00161	0.000371
2104 Apr	0.000304	0.00108	0.127	0.00000974	1.84	3.76	0.0491	0.000419	11.4	0.00175	0.00986	0.000359	0.000222	0.000107	0.111	0.00000201	0.000202	0.000648	0.00162	0.000374
2104 May	0.000298	0.00103	0.124	0.00000931	1.77	3.62	0.0482	0.000397	10.9	0.00168	0.00946	0.000355	0.000214	0.000103	0.108	0.00000192	0.000192	0.000634	0.00155	0.000354
2104 Jun	0.000295	0.001	0.121	0.00000897	1.72	3.52	0.0478	0.000378	10.5	0.00163	0.00914	0.000356	0.000208	0.0001	0.105	0.00000185	0.000185	0.000627	0.00151	0.000333
2104 Jul	0.000294	0.001	0.122	0.00000901	1.72	3.53	0.0477	0.000379	10.6	0.00163	0.00917	0.000355	0.000209	0.000101	0.105	0.00000186	0.000186	0.000626	0.00152	0.000335
2104 Aug	0.000293	0.001	0.121	0.00000905	1.73	3.53	0.0476	0.000381	10.6	0.00164	0.00919	0.000353	0.000209	0.000101	0.105	0.00000187	0.000187	0.000624	0.00152	0.000337
2104 Sep	0.000291	0.001	0.121	0.00000906	1.72	3.52	0.0471	0.000384	10.6	0.00163	0.00918	0.000349	0.000208	0.0001	0.105	0.00000187	0.000187	0.000618	0.00151	0.000339
2104 Oct	0.000288	0.001	0.12	0.00000904	1.72	3.5	0.0465	0.000387	10.5	0.00162	0.00917	0.000343	0.000206	0.0000997	0.104	0.00000186	0.000187	0.00061	0.0015	0.000339
2104 Nov	0.00029	0.00101	0.121	0.00000912	1.73	3.53	0.0468	0.000392	10.6	0.00164	0.00926	0.000345	0.000207	0.000101	0.105	0.00000188	0.000189	0.000614	0.00151	0.000343
2104 Dec	0.000296	0.00103	0.123	0.00000931	1.77	3.6	0.0477	0.0004	10.8	0.00167	0.00945	0.000352	0.000211	0.000103	0.107	0.00000192	0.000193	0.000627	0.00154	0.00035
2105 Jan	0.000302	0.00105	0.126	0.0000095	1.8	3.68	0.0487	0.000408	11.1	0.00171	0.00964	0.000359	0.000216	0.000105	0.11	0.00000196	0.000197	0.000639	0.00158	0.000357
2105 Feb	0.000307	0.00107	0.128	0.00000967	1.83	3.74	0.0496	0.000416	11.3	0.00174	0.00982	0.000365	0.000219	0.000107	0.112	0.00000199	0.0002	0.000651	0.0016	0.000364
2105 Mar	0.000311	0.00109	0.13	0.0000098	1.86	3.8	0.0503	0.000421	11.4	0.00176	0.00995	0.00037	0.000223	0.000108	0.113	0.00000202	0.000203	0.00066	0.00163	0.000369
2105 Apr	0.000315	0.0011	0.131	0.00000991	1.88	3.84	0.0508	0.000426	11.5	0.00178	0.0101	0.000374	0.000225	0.000109	0.114	0.00000204	0.000205	0.000667	0.00164	0.000373
2105 May	0.000303	0.00104	0.125	0.00000935	1.78	3.64	0.049	0.000399	10.9	0.00169	0.00951	0.000363	0.000213	0.000104	0.109	0.00000193	0.000192	0.00064	0.00155	0.000349
2105 Jun	0.000294	0.000993	0.121	0.0000089	1.71	3.49	0.0477	0.000377	10.4	0.00161	0.00907	0.000356	0.000204	0.0000994	0.105	0.00000183	0.000183	0.000621	0.00149	0.000327
2105 Jul	0.000294	0.000996	0.121	0.00000895	1.71	3.5	0.0477	0.000378	10.4	0.00162	0.00911	0.000356	0.000205	0.0000998	0.105	0.00000184	0.000184	0.000622	0.00149	0.00033
2105 Aug	0.00029	0.000994	0.12	0.00000896	1.71	3.49	0.047	0.00038	10.4	0.00161	0.00909	0.00035	0.000203	0.0000994	0.104	0.00000184	0.000185	0.000612	0.00148	0.000333
2105 Sep	0.000285	0.000991	0.119	0.00000895	1.7	3.47	0.0461	0.000386	10.4	0.00161	0.00906	0.000341	0.000201	0.0000988	0.104	0.00000184	0.000185	0.000599	0.00147	0.000337
2105 Oct	0.000283	0.000991	0.118	0.00000895	1.7	3.46	0.0455	0.00039	10.4	0.0016	0.00907	0.000335	0.000199	0.0000984	0.103	0.00000184	0.000185	0.000593	0.00147	0.00034
2105 Nov	0.000284	0.001	0.119	0.00000904	1.71	3.48	0.0457	0.000395	10.5	0.00162	0.00916	0.000336	0.0002	0.0000991	0.104	0.00000186	0.000187	0.000596	0.00148	0.000344
2105 Dec	0.00029	0.00102	0.121	0.00000921	1.74	3.55	0.0466	0.000403	10.7	0.00165	0.00934	0.000343	0.000204	0.000101	0.106	0.0000019	0.000191	0.000607	0.00151	0.000351
2106 Jan	0.000295	0.00104	0.123	0.00000938	1.78	3.62	0.0475	0.00041	10.9	0.00168	0.00951	0.000349	0.000208	0.000103	0.108	0.00000193	0.000194	0.000619	0.00153	0.000358
2106 Feb	0.0003	0.00106	0.126	0.00000955	1.81	3.68	0.0483	0.000417	11.1	0.00171	0.00968	0.000355	0.000212	0.000105	0.11	0.00000196	0.000198	0.000629	0.00156	0.000364
2106 Mar	0.000305	0.00107	0.127	0.0000097	1.84	3.74	0.049	0.000424	11.3	0.00174	0.00983	0.000361	0.000215	0.000106	0.111	0.00000199	0.000201	0.000639	0.00159	0.000369
2106 Apr	0.000308	0.00108	0.129	0.00000979	1.85	3.77	0.0495	0.000428	11.4	0.00175	0.00992	0.000364	0.000217	0.000107	0.112	0.00000201	0.000203	0.000645	0.0016	0.000373
2106 May	0.000305	0.00107	0.127	0.00000963	1.83	3.72	0.0491	0.00042	11.2	0.00172	0.00977	0.000362	0.000214	0.000106	0.111	0.00000198	0.000199	0.000639	0.00158	0.000366

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Jun	0.000288	0.000989	0.119	0.00000893	1.7	3.46	0.0465	0.000381	10.4	0.0016	0.00907	0.000345	0.000202	0.0000986	0.104	0.00000184	0.000183	0.000607	0.00148	0.000331
2106 Jul	0.000286	0.000991	0.119	0.00000899	1.7	3.46	0.0462	0.000381	10.4	0.00161	0.0091	0.000343	0.000203	0.0000987	0.104	0.00000185	0.000184	0.000606	0.00149	0.000333
2106 Aug	0.000284	0.00099	0.119	0.00000902	1.7	3.45	0.0458	0.000383	10.4	0.00161	0.0091	0.000339	0.000202	0.0000985	0.103	0.00000185	0.000185	0.000599	0.00149	0.000336
2106 Sep	0.00028	0.000989	0.118	0.00000902	1.69	3.43	0.0451	0.000387	10.3	0.0016	0.00908	0.000332	0.0002	0.0000981	0.103	0.00000185	0.000185	0.00059	0.00148	0.00034
2106 Oct	0.000281	0.000997	0.118	0.00000909	1.7	3.46	0.0452	0.000392	10.4	0.00161	0.00916	0.000332	0.000201	0.0000987	0.103	0.00000187	0.000187	0.000591	0.00149	0.000346
2106 Nov	0.000286	0.00102	0.121	0.00000927	1.74	3.52	0.0461	0.0004	10.6	0.00165	0.00934	0.000339	0.000205	0.000101	0.105	0.0000019	0.00019	0.000603	0.00152	0.000354
2106 Dec	0.000292	0.00104	0.123	0.00000944	1.77	3.59	0.0469	0.000408	10.8	0.00168	0.00952	0.000345	0.000209	0.000102	0.107	0.00000194	0.000194	0.000614	0.00154	0.000361
2107 Jan	0.000297	0.00105	0.125	0.00000962	1.8	3.66	0.0478	0.000415	11	0.00171	0.00969	0.000351	0.000212	0.000104	0.109	0.00000197	0.000197	0.000625	0.00157	0.000367
2107 Feb	0.000302	0.00107	0.127	0.00000976	1.83	3.71	0.0485	0.000421	11.2	0.00173	0.00984	0.000356	0.000216	0.000106	0.111	0.000002	0.0002	0.000635	0.0016	0.000373
2107 Mar	0.000305	0.00108	0.129	0.00000988	1.85	3.76	0.0491	0.000427	11.3	0.00175	0.00996	0.000361	0.000218	0.000107	0.112	0.00000203	0.000203	0.000643	0.00162	0.000377
2107 Apr	0.000309	0.00109	0.13	0.00000999	1.87	3.8	0.0496	0.000431	11.4	0.00177	0.0101	0.000365	0.000221	0.000108	0.113	0.00000205	0.000205	0.000649	0.00163	0.000381
2107 May	0.000302	0.00106	0.127	0.00000968	1.82	3.7	0.0487	0.000417	11.1	0.00172	0.00977	0.000359	0.000214	0.000105	0.11	0.00000199	0.000198	0.000636	0.00159	0.000367
2107 Jun	0.00029	0.000997	0.121	0.00000904	1.71	3.48	0.0469	0.000384	10.4	0.00161	0.00915	0.000349	0.000202	0.0000994	0.105	0.00000186	0.000184	0.00061	0.00149	0.000333
2107 Jul	0.000289	0.000999	0.121	0.00000908	1.71	3.48	0.0467	0.000384	10.4	0.00162	0.00917	0.000348	0.000202	0.0000994	0.105	0.00000186	0.000185	0.000608	0.00149	0.000336
2107 Aug	0.00029	0.001	0.121	0.00000912	1.72	3.49	0.0468	0.000386	10.4	0.00162	0.00921	0.000348	0.000203	0.0000997	0.105	0.00000187	0.000186	0.000608	0.0015	0.000339
2107 Sep	0.000289	0.001	0.121	0.00000914	1.72	3.49	0.0465	0.000389	10.4	0.00162	0.00922	0.000345	0.000202	0.0000997	0.105	0.00000187	0.000187	0.000606	0.0015	0.000343
2107 Oct	0.000287	0.00101	0.121	0.00000916	1.72	3.49	0.0463	0.000392	10.4	0.00162	0.00924	0.000343	0.000202	0.0000995	0.105	0.00000187	0.000187	0.000603	0.00149	0.000346
2107 Nov	0.000291	0.00102	0.122	0.00000928	1.74	3.54	0.0468	0.000398	10.5	0.00164	0.00937	0.000346	0.000204	0.000101	0.106	0.0000019	0.000189	0.00061	0.00151	0.000351
2107 Dec	0.000296	0.00104	0.124	0.00000944	1.77	3.6	0.0476	0.000405	10.7	0.00167	0.00953	0.000352	0.000208	0.000103	0.108	0.00000193	0.000193	0.00062	0.00154	0.000358
2108 Jan	0.0003	0.00105	0.126	0.00000958	1.8	3.65	0.0483	0.000411	10.9	0.0017	0.00967	0.000358	0.000211	0.000104	0.109	0.00000196	0.000196	0.000629	0.00156	0.000364
2108 Feb	0.000305	0.00107	0.128	0.00000973	1.82	3.71	0.0491	0.000417	11.1	0.00172	0.00982	0.000363	0.000214	0.000106	0.111	0.00000199	0.000199	0.000639	0.00159	0.000369
2108 Mar	0.000309	0.00108	0.129	0.00000985	1.85	3.75	0.0497	0.000423	11.2	0.00174	0.00994	0.000368	0.000217	0.000107	0.112	0.00000201	0.000201	0.000647	0.00161	0.000374
2108 Apr	0.000311	0.00109	0.131	0.00000993	1.86	3.78	0.0501	0.000426	11.3	0.00176	0.01	0.000371	0.000218	0.000108	0.113	0.00000203	0.000203	0.000652	0.00162	0.000377
2108 May	0.000311	0.00109	0.131	0.00000992	1.86	3.78	0.0501	0.000426	11.3	0.00176	0.01	0.000371	0.000218	0.000108	0.113	0.00000203	0.000203	0.000653	0.00162	0.000376
2108 Jun	0.000287	0.001	0.121	0.0000092	1.71	3.48	0.0463	0.000387	10.3	0.00162	0.00928	0.000343	0.000204	0.0000993	0.104	0.00000188	0.000186	0.000609	0.00152	0.000339
2108 Jul	0.000287	0.00101	0.121	0.00000926	1.72	3.48	0.0463	0.000388	10.4	0.00163	0.00933	0.000343	0.000206	0.0000996	0.105	0.00000189	0.000187	0.000611	0.00153	0.000341
2108 Aug	0.000288	0.00101	0.122	0.00000932	1.73	3.5	0.0465	0.000391	10.4	0.00164	0.00938	0.000344	0.000207	0.0001	0.105	0.00000191	0.000188	0.000613	0.00154	0.000345
2108 Sep	0.000288	0.00101	0.122	0.00000934	1.73	3.51	0.0463	0.000393	10.4	0.00164	0.00939	0.000342	0.000207	0.0001	0.105	0.00000191	0.000189	0.000611	0.00153	0.000348
2108 Oct	0.000283	0.00101	0.12	0.00000929	1.71	3.47	0.0454	0.000396	10.3	0.00162	0.00935	0.000334	0.000203	0.0000988	0.104	0.00000189	0.000188	0.000599	0.00152	0.000346
2108 Nov	0.000285	0.00102	0.121	0.00000939	1.73	3.5	0.0458	0.000401	10.4	0.00164	0.00945	0.000337	0.000204	0.0000997	0.105	0.00000191	0.00019	0.000604	0.00153	0.00035
2108 Dec	0.000291	0.00104	0.124	0.00000956	1.76	3.57	0.0466	0.000408	10.6	0.00167	0.00963	0.000343	0.000208	0.000102	0.107	0.00000195	0.000193	0.000615	0.00156	0.000357
2109 Jan	0.000296	0.00105	0.126	0.00000973	1.79	3.63	0.0475	0.000416	10.8	0.0017	0.0098	0.000349	0.000212	0.000103	0.109	0.00000198	0.000197	0.000626	0.00159	0.000364
2109 Feb	0.000301	0.00107	0.128	0.0000099	1.83	3.69	0.0483	0.000423	11	0.00173	0.00997	0.000355	0.000216	0.000105	0.111	0.00000202	0.0002	0.000637	0.00161	0.00037
2109 Mar	0.000305	0.00109	0.129	0.00001	1.85	3.74	0.0489	0.000428	11.1	0.00175	0.0101	0.000359	0.000218	0.000106	0.112	0.00000204	0.000203	0.000645	0.00163	0.000374
2109 Apr	0.000308	0.0011	0.131	0.0000101	1.87	3.78	0.0493	0.000432	11.2	0.00177	0.0102	0.000363	0.00022	0.000108	0.113	0.00000206	0.000205	0.000651	0.00165	0.000378
2109 May	0.0003	0.00105	0.127	0.0000097	1.8	3.64	0.0482	0.000412	10.8	0.0017	0.00979	0.000357	0.000212	0.000104	0.109	0.00000198	0.000195	0.000634	0.00159	0.000358
2109 Jun	0.000293	0.00101	0.123	0.00000922	1.72	3.49	0.0473	0.000387	10.3	0.00162	0.00933	0.000353	0.000203	0.0000995	0.106	0.00000188	0.000185	0.000619	0.00152	0.000333
2109 Jul	0.000292	0.00101	0.123	0.00000926	1.72	3.5	0.0472	0.000388	10.3	0.00163	0.00936	0.000352	0.000204	0.0000996	0.106	0.00000189	0.000186	0.000618	0.00152	0.000337
2109 Aug	0.000292	0.00101	0.123	0.00000931	1.73	3.5	0.0471	0.00039	10.3	0.00163	0.00939	0.000351	0.000204	0.0000999	0.106	0.0000019	0.000186	0.000616	0.00152	0.000342
2109 Sep	0.00029	0.00101	0.122	0.00000931	1.72	3.5	0.0467	0.000393	10.3	0.00163	0.00938	0.000347	0.000203	0.0000996	0.105	0.00000189	0.000187	0.000611	0.00152	0.000347
2109 Oct	0.000284	0.001	0.12	0.00000923	1.7	3.45	0.0455	0.000395	10.2	0.00161	0.00932	0.000337	0.000199	0.0000981	0.104	0.00000188	0.000186	0.000597	0.00149	0.000347
2109 Nov	0.000288	0.00102	0.122	0.00000936	1.73	3.5	0.0461	0.000401	10.3	0.00163	0.00945	0.000341	0.000202	0.0000995	0.105	0.0000019	0.000189	0.000605	0.00152	0.000353
2109 Dec	0.000292	0.00103	0.124	0.00000951	1.76	3.56	0.0469	0.000408	10.5	0.00166	0.0096	0.000346	0.000205	0.000101	0.107	0.00000193	0.000192	0.000614	0.00154	0.000359
2110 Jan	0.000296	0.00105	0.126	0.00000964	1.78	3.61	0.0475	0.000413	10.6	0.00168	0.00973	0.000351	0.000208	0.000102	0.108	0.00000196	0.000194	0.000622	0.00156	0.000364
2110 Feb	0.000301	0.00106	0.128	0.00000979	1.81	3.66	0.0482	0.000419	10.8	0.00171	0.00988	0.000356	0.000211	0.000104	0.11	0.00000199	0.000197	0.000632	0.00158	0.00037
2110 Mar	0.000305	0.00108	0.129	0.00000993	1.83	3.71	0.0489	0.000425	11	0.00173	0.01	0.000361	0.000214	0.000105	0.112	0.00000202	0.0002	0.000641	0.00161	0.000375
2110 Apr	0.000309	0.00109	0.131	0.0000101	1.86	3.76	0.0495	0.000431	11.1	0.00175	0.0101	0.000366	0.000217	0.000107	0.113	0.00000204	0.000202	0.000649	0.00163	0.000379
2110 May	0.000307	0.00108	0.13	0.00000993	1.84	3.72	0.0492	0.000425	11	0.00173	0.01	0.000364	0.000214	0.000106	0.112	0.00000202	0.0002	0.000644	0.00161	0.000376
2110 Jun	0.000284	0.000977	0.119	0.00000894	1.66	3.38	0.0458	0.000375	9.89	0.00157	0.00904	0.000343	0.000196	0.0000963	0.102	0.00000182	0.000178	0.000599	0.00146	0.000337
2110 Jul	0.000283	0.000978	0.119	0.00000898	1.67	3.39	0.0457	0.000376	9.91	0.00157	0.00907	0.000341	0.000198	0.0000965	0.102	0.00000183	0.000179	0.000599	0.00147	0.000339
2110 Aug	0.000277	0.000975	0.117	0.00000899	1.66	3.35	0.0446	0.000377	9.89	0.00157	0.00903	0.000332	0.000195	0.0000957	0.101	0.00000183	0.00018	0.000583	0.00146	0.00034
2110 Sep	0.000272	0.000973	0.116	0.00000898	1.65	3.33	0.0436	0.000384	9.9	0.00156	0.00902	0.000322	0.000192	0.000095	0.1	0.00000183	0.00018	0.00057	0.00145	0.000343
2110 Oct	0.000267	0.00097	0.114	0.00000895	1.64	3.3	0.0426	0.000389	9.87	0.00155	0.00902	0.000312	0.000189	0.0000939	0.0991	0.00000182	0.00018	0.000558	0.00143	0.000342
2110 Nov	0.000267	0.000975	0.115	0.00000898	1.64	3.31	0.0426	0.000392	9.92	0.00155	0.00906	0.000312	0.000189	0.0000942	0.0994	0.00000183	0.000181	0.000558	0.00144	0.000344
2110 Dec	0.000271	0.000989	0.116	0.00000912	1.67	3.36	0.0432	0.000398	10.1	0.00158	0.00919	0.000317	0.000192	0.0000956	0.101	0.00000186	0.000184	0.000567	0.00146	0.00035
2111 Jan	0.000276	0.001	0.118	0.00000926	1.69	3.42	0.0439	0.000404	10.2	0.0016	0.00934	0.000322	0.000195	0.0000971	0.102	0.00000188	0.000186	0.000576	0.00148	0.000356

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2111 Feb	0.00028	0.00102	0.12	0.00000941	1.72	3.47	0.0446	0.00041	10.4	0.00163	0.00948	0.000327	0.000198	0.0000986	0.104	0.00000191	0.000189	0.000585	0.0015	0.000361
2111 Mar	0.000283	0.00103	0.121	0.00000951	1.74	3.51	0.0451	0.000415	10.5	0.00165	0.00959	0.00033	0.0002	0.0000997	0.105	0.00000193	0.000191	0.000591	0.00152	0.000365
2111 Apr	0.000285	0.00104	0.122	0.00000959	1.75	3.54	0.0454	0.000418	10.6	0.00166	0.00967	0.000333	0.000202	0.000101	0.106	0.00000195	0.000193	0.000596	0.00153	0.000368
2111 May	0.000285	0.00103	0.122	0.00000944	1.73	3.5	0.0454	0.00041	10.4	0.00164	0.00953	0.000334	0.000199	0.0000994	0.105	0.00000192	0.000189	0.000594	0.00151	0.000359
2111 Jun	0.000282	0.000984	0.119	0.00000899	1.67	3.37	0.0453	0.000383	9.95	0.00157	0.00912	0.000338	0.000193	0.000096	0.102	0.00000183	0.000179	0.00059	0.00145	0.00033
2111 Jul	0.000283	0.000989	0.119	0.00000906	1.68	3.39	0.0454	0.000385	9.99	0.00158	0.00917	0.000338	0.000194	0.0000965	0.103	0.00000184	0.00018	0.000592	0.00147	0.000334
2111 Aug	0.00028	0.000987	0.119	0.00000908	1.67	3.37	0.0448	0.000386	9.95	0.00157	0.00915	0.000333	0.000192	0.0000961	0.102	0.00000184	0.00018	0.000583	0.00146	0.000337
2111 Sep	0.000277	0.000986	0.118	0.00000909	1.67	3.36	0.0444	0.000389	9.94	0.00157	0.00914	0.000328	0.000191	0.0000959	0.102	0.00000184	0.000181	0.000577	0.00145	0.000342
2111 Oct	0.000275	0.000985	0.117	0.00000908	1.66	3.35	0.0438	0.000393	9.95	0.00157	0.00915	0.000323	0.00019	0.0000955	0.101	0.00000184	0.000181	0.00057	0.00145	0.000345
2111 Nov	0.000272	0.000983	0.116	0.00000906	1.66	3.34	0.0433	0.000395	9.92	0.00156	0.00913	0.000319	0.000188	0.0000949	0.101	0.00000184	0.000181	0.000565	0.00144	0.000345
2111 Dec	0.000276	0.000998	0.118	0.00000919	1.68	3.39	0.044	0.000401	10.1	0.00159	0.00927	0.000323	0.000191	0.0000963	0.102	0.00000187	0.000183	0.000573	0.00146	0.00035
2112 Jan	0.000281	0.00101	0.12	0.00000934	1.71	3.44	0.0447	0.000407	10.2	0.00161	0.00942	0.000329	0.000194	0.0000979	0.104	0.0000019	0.000186	0.000582	0.00148	0.000356
2112 Feb	0.000284	0.00103	0.122	0.00000946	1.73	3.49	0.0452	0.000412	10.4	0.00163	0.00954	0.000333	0.000197	0.0000991	0.105	0.00000192	0.000189	0.00059	0.0015	0.000361
2112 Mar	0.000287	0.00104	0.123	0.00000954	1.75	3.52	0.0457	0.000416	10.5	0.00165	0.00963	0.000336	0.000198	0.0001	0.106	0.00000194	0.00019	0.000595	0.00152	0.000364
2112 Apr	0.000289	0.00105	0.124	0.00000963	1.76	3.55	0.046	0.00042	10.5	0.00166	0.00971	0.000339	0.0002	0.000101	0.107	0.00000195	0.000192	0.0006	0.00153	0.000368
2112 May	0.000288	0.00103	0.122	0.00000942	1.73	3.49	0.0459	0.000408	10.3	0.00163	0.00951	0.00034	0.000197	0.0000993	0.106	0.00000191	0.000187	0.000597	0.0015	0.000357
2112 Jun	0.000284	0.000979	0.119	0.00000895	1.66	3.36	0.0457	0.000379	9.87	0.00156	0.00907	0.000342	0.000192	0.0000958	0.103	0.00000182	0.000177	0.000592	0.00145	0.00033
2112 Jul	0.000282	0.000979	0.119	0.00000899	1.66	3.36	0.0454	0.000379	9.89	0.00157	0.00908	0.000339	0.000193	0.0000958	0.102	0.00000183	0.000178	0.000591	0.00146	0.000333
2112 Aug	0.000282	0.000982	0.119	0.00000903	1.67	3.37	0.0453	0.000382	9.92	0.00157	0.00911	0.000338	0.000194	0.0000962	0.102	0.00000183	0.000179	0.000591	0.00146	0.000338
2112 Sep	0.00028	0.000981	0.118	0.00000905	1.67	3.37	0.045	0.000384	9.89	0.00157	0.00911	0.000335	0.000193	0.0000961	0.102	0.00000183	0.000179	0.000586	0.00146	0.000346
2112 Oct	0.00028	0.000983	0.118	0.00000907	1.67	3.37	0.0449	0.000387	9.9	0.00157	0.00913	0.000333	0.000193	0.0000961	0.102	0.00000184	0.00018	0.000584	0.00146	0.000352
2112 Nov	0.000284	0.000999	0.12	0.00000921	1.69	3.42	0.0455	0.000393	10.1	0.0016	0.00927	0.000338	0.000196	0.0000976	0.104	0.00000186	0.000183	0.000593	0.00148	0.00036
2112 Dec	0.000288	0.00101	0.122	0.00000934	1.72	3.47	0.0462	0.000399	10.2	0.00162	0.0094	0.000343	0.000198	0.000099	0.105	0.00000189	0.000185	0.000601	0.0015	0.000365
2113 Jan	0.000293	0.00103	0.124	0.00000951	1.75	3.54	0.047	0.000407	10.4	0.00165	0.00958	0.000349	0.000202	0.000101	0.107	0.00000193	0.000189	0.000613	0.00153	0.000372
2113 Feb	0.000298	0.00105	0.126	0.00000967	1.78	3.6	0.0478	0.000413	10.6	0.00168	0.00973	0.000355	0.000205	0.000102	0.109	0.00000196	0.000192	0.000623	0.00155	0.000378
2113 Mar	0.000301	0.00106	0.127	0.00000976	1.8	3.63	0.0483	0.000417	10.7	0.00169	0.00983	0.000358	0.000207	0.000103	0.11	0.00000198	0.000194	0.000629	0.00157	0.000382
2113 Apr	0.000304	0.00107	0.129	0.00000985	1.81	3.66	0.0487	0.000421	10.8	0.00171	0.00991	0.000361	0.000209	0.000104	0.111	0.00000199	0.000196	0.000634	0.00158	0.000385
2113 May	0.000298	0.00104	0.126	0.00000955	1.76	3.57	0.0479	0.000406	10.4	0.00166	0.00963	0.000357	0.000204	0.000102	0.108	0.00000193	0.000189	0.000622	0.00154	0.000372
2113 Jun	0.00029	0.000984	0.121	0.00000901	1.68	3.4	0.0467	0.000378	9.87	0.00158	0.00911	0.000351	0.000195	0.000097	0.104	0.00000183	0.000177	0.000605	0.00146	0.000342
2113 Jul	0.000289	0.000987	0.121	0.00000906	1.68	3.41	0.0466	0.000379	9.89	0.00158	0.00915	0.00035	0.000195	0.0000972	0.104	0.00000183	0.000178	0.000605	0.00147	0.000344
2113 Aug	0.000289	0.00099	0.121	0.0000091	1.68	3.41	0.0465	0.000381	9.9	0.00158	0.00917	0.000349	0.000195	0.0000974	0.104	0.00000184	0.000179	0.000603	0.00147	0.000349
2113 Sep	0.000287	0.000989	0.121	0.00000911	1.68	3.41	0.0461	0.000384	9.89	0.00158	0.00917	0.000345	0.000194	0.0000971	0.104	0.00000184	0.00018	0.000597	0.00146	0.000353
2113 Oct	0.000281	0.000986	0.119	0.00000907	1.67	3.37	0.0451	0.000389	9.85	0.00157	0.00915	0.000335	0.000191	0.000096	0.102	0.00000183	0.00018	0.000585	0.00145	0.000353
2113 Nov	0.000281	0.000989	0.119	0.00000911	1.67	3.38	0.045	0.000392	9.88	0.00157	0.00919	0.000334	0.000191	0.0000961	0.103	0.00000184	0.00018	0.000584	0.00145	0.000355
2113 Dec	0.000285	0.001	0.121	0.00000924	1.7	3.43	0.0456	0.000398	10	0.0016	0.00933	0.000339	0.000194	0.0000975	0.104	0.00000187	0.000183	0.000593	0.00147	0.000361
2114 Jan	0.00029	0.00102	0.123	0.00000939	1.72	3.49	0.0464	0.000404	10.2	0.00162	0.00948	0.000344	0.000197	0.0000991	0.106	0.0000019	0.000186	0.000602	0.0015	0.000366
2114 Feb	0.000295	0.00104	0.125	0.00000955	1.75	3.55	0.0472	0.000411	10.4	0.00165	0.00964	0.00035	0.0002	0.000101	0.108	0.00000193	0.000189	0.000613	0.00152	0.000373
2114 Mar	0.000299	0.00105	0.127	0.00000969	1.78	3.6	0.0478	0.000417	10.5	0.00168	0.00978	0.000356	0.000203	0.000102	0.109	0.00000196	0.000192	0.000622	0.00154	0.000378
2114 Apr	0.000302	0.00106	0.128	0.00000978	1.8	3.63	0.0483	0.000421	10.6	0.00169	0.00987	0.000359	0.000205	0.000103	0.11	0.00000198	0.000194	0.000627	0.00156	0.000382
2114 May	0.000297	0.00103	0.125	0.00000943	1.74	3.53	0.0476	0.000403	10.2	0.00164	0.00954	0.000355	0.000199	0.0001	0.108	0.00000191	0.000186	0.000616	0.00151	0.000367
2114 Jun	0.000292	0.000993	0.122	0.00000907	1.68	3.42	0.047	0.000384	9.86	0.00158	0.0092	0.000354	0.000193	0.0000973	0.105	0.00000183	0.000178	0.000607	0.00146	0.000349
2114 Jul	0.000293	0.000999	0.123	0.00000914	1.69	3.44	0.0472	0.000386	9.92	0.00159	0.00926	0.000355	0.000195	0.0000979	0.105	0.00000185	0.00018	0.00061	0.00147	0.000354
2114 Aug	0.000294	0.001	0.123	0.0000092	1.7	3.46	0.0474	0.000389	9.97	0.0016	0.00931	0.000356	0.000196	0.0000985	0.106	0.00000186	0.000181	0.000612	0.00148	0.00036
2114 Sep	0.000292	0.001	0.122	0.00000921	1.7	3.45	0.0468	0.000392	9.92	0.0016	0.0093	0.000351	0.000194	0.000098	0.105	0.00000185	0.000181	0.000605	0.00147	0.000364
2114 Oct	0.000288	0.001	0.121	0.00000919	1.69	3.43	0.0462	0.000395	9.87	0.00159	0.00929	0.000344	0.000192	0.0000972	0.105	0.00000185	0.000181	0.000597	0.00146	0.000368
2114 Nov	0.000287	0.001	0.121	0.00000922	1.69	3.43	0.0458	0.000399	9.89	0.00159	0.00932	0.000341	0.000191	0.0000971	0.104	0.00000185	0.000182	0.000593	0.00146	0.000372
2114 Dec	0.000292	0.00102	0.124	0.0000094	1.72	3.5	0.0467	0.000407	10.1	0.00162	0.0095	0.000347	0.000195	0.000099	0.106	0.00000189	0.000185	0.000604	0.00149	0.00038
2115 Jan	0.000296	0.00103	0.125	0.00000951	1.74	3.54	0.0473	0.000412	10.2	0.00164	0.00962	0.000352	0.000197	0.0001	0.108	0.00000191	0.000187	0.000612	0.0015	0.000385
2115 Feb	0.000301	0.00105	0.127	0.00000968	1.77	3.6	0.0481	0.000419	10.4	0.00167	0.00979	0.000358	0.000201	0.000102	0.11	0.00000195	0.000191	0.000622	0.00153	0.000391
2115 Mar	0.000305	0.00107	0.129	0.0000098	1.8	3.65	0.0487	0.000424	10.5	0.00169	0.00991	0.000362	0.000203	0.000103	0.111	0.00000197	0.000193	0.00063	0.00155	0.000396
2115 Apr	0.000308	0.00108	0.13	0.00000989	1.81	3.68	0.0492	0.000429	10.6	0.00171	0.01	0.000366	0.000205	0.000104	0.112	0.00000199	0.000195	0.000636	0.00157	0.0004
2115 May	0.000298	0.00103	0.125	0.00000941	1.73	3.52	0.0477	0.000405	10.1	0.00163	0.00954	0.000357	0.000196	0.0000998	0.108	0.00000189	0.000185	0.000616	0.00149	0.000375
2115 Jun	0.000295	0.001	0.123	0.00000914	1.69	3.45	0.0474	0.00039	9.83	0.00159	0.00929	0.000356	0.000192	0.0000976	0.106	0.00000184	0.000179	0.00061	0.00146	0.000359
2115 Jul	0.000296	0.00101	0.124	0.0000092	1.7	3.46	0.0475	0.000392	9.87	0.0016	0.00933	0.000357	0.000193	0.0000981	0.106	0.00000185	0.00018	0.00061	0.00146	0.000362
2115 Aug	0.000292	0.001	0.123	0.00000921	1.69	3.44	0.0468	0.000393	9.83	0.00159	0.00931	0.000351	0.000191	0.0000976	0.105	0.00000185	0.00018	0.000601	0.00146	0.000363
2115 Sep	0.00029	0.001	0.122	0.00000923	1.69	3.44	0.0464	0.000396	9.82	0.00159	0.0093	0.000347	0.00019	0.0000975	0.105	0.00000185	0.000181	0.000596	0.00145	0.000368

Appendix C.2-21: PUMP01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2115 Oct	0.000289	0.001	0.122	0.00000923	1.69	3.44	0.0463	0.000397	9.82	0.00159	0.0093	0.000346	0.00019	0.0000974	0.105	0.00000185	0.000181	0.000594	0.00145	0.000373
2115 Nov	0.000288	0.001	0.121	0.00000922	1.69	3.43	0.046	0.000399	9.81	0.00159	0.0093	0.000343	0.000189	0.0000971	0.105	0.00000185	0.000181	0.000591	0.00145	0.000375
2115 Dec	0.00029	0.00101	0.123	0.00000932	1.71	3.46	0.0465	0.000403	9.91	0.0016	0.00939	0.000346	0.000191	0.0000981	0.106	0.00000187	0.000183	0.000596	0.00146	0.000379
2116 Jan	0.000295	0.00103	0.125	0.00000946	1.73	3.52	0.0471	0.000409	10.1	0.00163	0.00953	0.000352	0.000194	0.0000996	0.107	0.0000019	0.000186	0.000605	0.00148	0.000385
2116 Feb	0.000299	0.00104	0.126	0.00000958	1.75	3.56	0.0478	0.000414	10.2	0.00165	0.00966	0.000356	0.000196	0.000101	0.109	0.00000192	0.000188	0.000613	0.0015	0.00039
2116 Mar	0.000303	0.00105	0.128	0.00000971	1.78	3.61	0.0484	0.00042	10.3	0.00167	0.00978	0.000361	0.000199	0.000102	0.11	0.00000195	0.000191	0.000621	0.00152	0.000396
2116 Apr	0.000306	0.00106	0.129	0.0000098	1.79	3.64	0.0489	0.000424	10.4	0.00169	0.00988	0.000364	0.000201	0.000103	0.111	0.00000197	0.000192	0.000628	0.00154	0.000399
2116 May	0.000303	0.00104	0.127	0.00000959	1.76	3.58	0.0485	0.000412	10.2	0.00165	0.00968	0.000363	0.000197	0.000101	0.11	0.00000192	0.000187	0.000622	0.00151	0.000391
2116 Jun	0.0003	0.001	0.125	0.00000918	1.7	3.47	0.0483	0.000387	9.82	0.0016	0.00929	0.000365	0.000193	0.0000985	0.107	0.00000184	0.000179	0.000618	0.00146	0.000365
2116 Jul	0.0003	0.00101	0.125	0.00000924	1.71	3.48	0.0483	0.000388	9.87	0.0016	0.00934	0.000365	0.000195	0.0000989	0.107	0.00000186	0.00018	0.000621	0.00148	0.000368
2116 Aug	0.0003	0.00101	0.125	0.00000929	1.72	3.5	0.0484	0.000391	9.91	0.00161	0.00938	0.000365	0.000196	0.0000993	0.107	0.00000186	0.000181	0.000621	0.00148	0.000372
2116 Sep	0.000296	0.00101	0.124	0.00000929	1.71	3.48	0.0476	0.000395	9.86	0.0016	0.00937	0.000358	0.000193	0.0000986	0.107	0.00000186	0.000182	0.000612	0.00147	0.000375
2116 Oct	0.000292	0.00101	0.123	0.00000927	1.7	3.45	0.0468	0.000399	9.81	0.00159	0.00937	0.00035	0.000191	0.0000977	0.106	0.00000186	0.000181	0.000602	0.00146	0.000377
2116 Nov	0.000295	0.00102	0.124	0.00000939	1.72	3.49	0.0472	0.000405	9.93	0.00161	0.00949	0.000353	0.000193	0.0000988	0.107	0.00000188	0.000183	0.000608	0.00148	0.000383
2116 Dec	0.000301	0.00104	0.127	0.00000958	1.75	3.56	0.0482	0.000413	10.1	0.00165	0.00968	0.00036	0.000197	0.000101	0.109	0.00000192	0.000187	0.000621	0.00151	0.000391
2117 Jan	0.000306	0.00106	0.129	0.00000975	1.78	3.62	0.049	0.00042	10.3	0.00168	0.00985	0.000366	0.0002	0.000103	0.111	0.00000195	0.00019	0.000631	0.00154	0.000398
2117 Feb	0.000311	0.00108	0.131	0.00000991	1.81	3.68	0.0498	0.000427	10.5	0.0017	0.01	0.000372	0.000204	0.000104	0.113	0.00000198	0.000193	0.000642	0.00156	0.000405
2117 Mar	0.000315	0.00109	0.133	0.00001	1.83	3.73	0.0504	0.000432	10.6	0.00172	0.0101	0.000377	0.000206	0.000105	0.114	0.00000201	0.000196	0.000649	0.00158	0.000409
2117 Apr	0.000317	0.0011	0.134	0.0000101	1.85	3.76	0.0508	0.000436	10.7	0.00174	0.0102	0.00038	0.000208	0.000106	0.115	0.00000202	0.000197	0.000654	0.00159	0.000412
2117 May	0.000311	0.00106	0.13	0.00000978	1.8	3.65	0.0498	0.00042	10.3	0.00168	0.00989	0.000373	0.000202	0.000103	0.112	0.00000196	0.00019	0.00064	0.00154	0.000396
2117 Jun	0.000301	0.00101	0.125	0.00000926	1.71	3.48	0.0484	0.000393	9.81	0.0016	0.00939	0.000365	0.000193	0.0000987	0.107	0.00000186	0.000179	0.00062	0.00147	0.000366
2117 Jul	0.000302	0.00102	0.126	0.00000932	1.72	3.5	0.0485	0.000395	9.86	0.00161	0.00945	0.000366	0.000194	0.0000991	0.108	0.00000187	0.000181	0.000622	0.00148	0.000369
2117 Aug	0.000301	0.00102	0.126	0.00000936	1.72	3.51	0.0484	0.000398	9.88	0.00161	0.00947	0.000365	0.000194	0.0000993	0.108	0.00000187	0.000182	0.000621	0.00148	0.000372
2117 Sep	0.000301	0.00102	0.126	0.00000939	1.73	3.51	0.0483	0.0004	9.89	0.00162	0.00949	0.000364	0.000194	0.0000994	0.108	0.00000188	0.000183	0.000619	0.00148	0.000377
2117 Oct	0.000299	0.00102	0.125	0.00000937	1.72	3.5	0.0479	0.000401	9.84	0.00161	0.00948	0.00036	0.000192	0.0000989	0.107	0.00000187	0.000182	0.000615	0.00148	0.000378
2117 Nov	0.0003	0.00102	0.126	0.00000943	1.73	3.51	0.0481	0.000404	9.89	0.00162	0.00953	0.000361	0.000193	0.0000994	0.108	0.00000188	0.000183	0.000617	0.00148	0.000381
2117 Dec	0.000304	0.00104	0.128	0.00000954	1.75	3.56	0.0487	0.000409	10	0.00164	0.00965	0.000366	0.000195	0.000101	0.109	0.00000191	0.000186	0.000624	0.0015	0.000386
2118 Jan	0.000309	0.00106	0.13	0.00000972	1.78	3.62	0.0496	0.000417	10.2	0.00167	0.00983	0.000372	0.000199	0.000102	0.111	0.00000194	0.000189	0.000636	0.00153	0.000394
2118 Feb	0.000315	0.00107	0.132	0.00000989	1.81	3.69	0.0504	0.000424	10.4	0.0017	0.01	0.000379	0.000203	0.000104	0.113	0.00000197	0.000192	0.000647	0.00155	0.0004
2118 Mar	0.000319	0.00109	0.134	0.00001	1.84	3.74	0.0511	0.00043	10.5	0.00172	0.0101	0.000384	0.000205	0.000106	0.115	0.000002	0.000195	0.000656	0.00158	0.000406
2118 Apr	0.000321	0.0011	0.135	0.0000101	1.85	3.76	0.0515	0.000432	10.6	0.00173	0.0102	0.000386	0.000206	0.000106	0.116	0.00000201	0.000196	0.00066	0.00158	0.000408
2118 May	0.000316	0.00105	0.131	0.00000961	1.78	3.63	0.0508	0.000408	10.1	0.00166	0.00976	0.000383	0.000199	0.000102	0.112	0.00000192	0.000186	0.000648	0.00152	0.00038
2118 Jun	0.000316	0.00103	0.13	0.00000931	1.74	3.56	0.051	0.00039	9.89	0.00162	0.00949	0.000388	0.000196	0.000101	0.111	0.00000186	0.00018	0.000649	0.00149	0.000355
2118 Jul	0.000317	0.00103	0.13	0.00000938	1.75	3.58	0.0512	0.000392	9.95	0.00163	0.00955	0.00039	0.000197	0.000101	0.111	0.00000188	0.000181	0.000652	0.0015	0.000359
2118 Aug	0.000314	0.00103	0.13	0.0000094	1.75	3.57	0.0507	0.000394	9.92	0.00163	0.00953	0.000385	0.000196	0.000101	0.111	0.00000188	0.000182	0.000644	0.00149	0.000363
2118 Sep	0.000308	0.00102	0.128	0.00000938	1.74	3.53	0.0495	0.000399	9.88	0.00162	0.0095	0.000373	0.000193	0.0000999	0.109	0.00000187	0.000182	0.00063	0.00148	0.000366
2118 Oct	0.000301	0.00101	0.126	0.00000929	1.71	3.49	0.0484	0.000399	9.78	0.0016	0.00942	0.000363	0.00019	0.0000984	0.108	0.00000185	0.000181	0.000616	0.00146	0.000367
2118 Nov	0.0003	0.00101	0.125	0.00000927	1.71	3.47	0.0481	0.0004	9.75	0.00159	0.0094	0.000361	0.000189	0.000098	0.107	0.00000185	0.00018	0.000613	0.00145	0.000367
2118 Dec	0.000305	0.00103	0.127	0.00000942	1.74	3.53	0.0489	0.000406	9.92	0.00162	0.00956	0.000367	0.000192	0.0000997	0.109	0.00000188	0.000183	0.000623	0.00148	0.000374
2119 Jan	0.000309	0.00104	0.129	0.00000956	1.76	3.58	0.0496	0.000412	10.1	0.00165	0.0097	0.000372	0.000195	0.000101	0.111	0.00000191	0.000186	0.000632	0.0015	0.000379
2119 Feb	0.000314	0.00106	0.131	0.0000097	1.79	3.64	0.0503	0.000418	10.2	0.00167	0.00984	0.000378	0.000198	0.000103	0.112	0.00000194	0.000189	0.000641	0.00152	0.000385
2119 Mar	0.000317	0.00107	0.132	0.0000098	1.81	3.67	0.0508	0.000423	10.3	0.00169	0.00994	0.000382	0.0002	0.000104	0.114	0.00000196	0.000191	0.000648	0.00154	0.000389
2119 Apr	0.000318	0.00107	0.132	0.00000976	1.81	3.67	0.051	0.000421	10.3	0.00168	0.00991	0.000381	0.000199	0.000103	0.114	0.00000195	0.00019	0.000649	0.00153	0.000387
2119 May	0.000316	0.00102	0.129	0.00000914	1.73	3.53	0.0511	0.000389	9.73	0.0016	0.00936	0.000377	0.000189	0.0000984	0.11	0.00000183	0.000176	0.000641	0.00144	0.00035
2119 Jun	0.000317	0.00101	0.129	0.00000913	1.73	3.53	0.0513	0.000386	9.74	0.0016	0.00934	0.00038	0.000191	0.0000985	0.11	0.00000183	0.000177	0.000645	0.00145	0.000347
2119 Jul	0.000317	0.00102	0.13	0.0000092	1.73	3.55	0.0514	0.000388	9.78	0.00161	0.0094	0.00038	0.000192	0.000099	0.111	0.00000184	0.000178	0.000648	0.00146	0.000351
2119 Aug	0.000316	0.00102	0.13	0.00000924	1.74	3.55	0.0511	0.000391	9.8	0.00161	0.00941	0.000378	0.000192	0.0000991	0.111	0.00000184	0.000179	0.000644	0.00146	0.000355
2119 Sep	0.000313	0.00102	0.128	0.00000924	1.73	3.53	0.0505	0.000394	9.76	0.0016	0.0094	0.000372	0.00019	0.0000986	0.11	0.00000184	0.000179	0.000636	0.00145	0.000359
2119 Oct	0.00031	0.00102	0.128	0.00000924	1.72	3.52	0.0499	0.000397	9.75	0.0016	0.0094	0.000366	0.000189	0.0000981	0.109	0.00000184	0.00018	0.000629	0.00145	0.000362
2119 Nov	0.000312	0.00103	0.129	0.00000935	1.74	3.56	0.0503	0.000403	9.87	0.00162	0.00952	0.000369	0.000191	0.0000992	0.111	0.00000186	0.000182	0.000634	0.00146	0.000367
2119 Dec	0.000318	0.00105	0.131	0.00000953	1.78	3.62	0.0512	0.000411	10.1	0.00165	0.0097	0.000376	0.000194	0.000101	0.113	0.0000019	0.000185	0.000646	0.00149	0.000375

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	331	0.273	0.351	0.0123	161	0.0244	54.4	0.00052	0.00052	0.00000294	0.00525	0.00122	0.0545	0.00858	0.00000356	16.8	0.0000204	0.000221
Operation (2024-2031): Mean	28000	80.9	99.9	4.18	16200	0.0756	1680	0.00279	0.00279	0.000246	0.0154	0.0246	0.674	0.173	0.0000389	814	0.000264	0.00127
Operation (2024-2031): Max	46500	152	176	7.99	27200	0.178	2680	0.00453	0.00453	0.000446	0.0191	0.06	1.03	0.314	0.0000631	1340	0.00045	0.0047
Active Closure (2032-2038): Min	198	0.41	0.821	0.0145	84.3	0.0404	32.4	0.00091	0.00091	0.00000528	0.00446	0.000897	0.0297	0.0117	0.00000524	16.9	0.0000131	0.000248
Active Closure (2032-2038): Mean	911	2.14	4.26	0.0857	464	0.0522	91	0.000973	0.000973	0.00000959	0.00527	0.00208	0.0607	0.0155	0.00000612	37.7	0.0000211	0.000483
Active Closure (2032-2038): Max	9310	21.6	40.4	0.918	4980	0.147	707	0.00124	0.00124	0.0000678	0.0131	0.0153	0.356	0.0608	0.0000163	282	0.000107	0.00236
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	75.7	0.0805	0.0542	0.00168	18	0.0315	9.83	0.000973	0.000973	0.00000496	0.0045	0.0009	0.0141	0.0123	0.00000498	16.8	0.0000132	0.000245
Post Closure (2039-2119): Mean	114	0.179	0.291	0.00565	37.3	0.0354	19.1	0.000999	0.000999	0.00000514	0.00639	0.00121	0.0219	0.02	0.00000516	20	0.0000177	0.000276
Post Closure (2039-2119): Max	198	0.411	0.822	0.0145	84.4	0.0407	32.5	0.00102	0.00102	0.00000532	0.00704	0.00137	0.0299	0.0254	0.00000531	22.4	0.0000191	0.000302
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun	331	0.273	0.351	0.0123	161	0.0433	54.4	0.00052	0.00052	0.00000294	0.00525	0.00122	0.0545	0.00858	0.00000356	16.8	0.0000204	0.000493
2025 Jul	540	0.446	0.574	0.0202	265	0.0809	89.6	0.000834	0.000834	0.00000473	0.00704	0.00211	0.0879	0.0153	0.00000574	27.9	0.0000236	0.000751
2025 Aug	1010	0.854	1.09	0.0378	502	0.13	170	0.000678	0.000678	0.00000446	0.00797	0.00315	0.162	0.0181	0.00000639	44.8	0.0000321	0.00132
2025 Sep	1100	0.966	1.2	0.0413	551	0.141	186	0.000647	0.000647	0.00000441	0.0092	0.00336	0.177	0.0197	0.00000652	49.7	0.0000365	0.00146
2025 Oct	901	0.816	0.966	0.0335	447	0.123	151	0.000717	0.000717	0.00000453	0.00967	0.00293	0.145	0.0198	0.00000623	43.7	0.0000342	0.00122
2025 Nov	866	0.789	0.925	0.0321	429	0.12	145	0.00073	0.00073	0.00000455	0.00972	0.00286	0.14	0.0198	0.00000619	42.6	0.0000337	0.00118
2025 Dec	866	0.789	0.926	0.0321	429	0.12	145	0.00073	0.00073	0.00000456	0.00972	0.00286	0.14	0.0198	0.00000619	42.6	0.0000337	0.00118
2026 Jan	3820	11.9	13.7	0.619	2160	0.114	308	0.000949	0.000949	0.0000299	0.0103	0.00395	0.197	0.0349	0.00000945	127	0.0000576	0.00112
2026 Feb	8910	31	35.6	1.63	5150	0.105	589	0.00133	0.00133	0.0000737	0.0112	0.00585	0.295	0.0612	0.0000151	271	0.0000988	0.00102
2026 Mar	13100	46.9	53.8	2.47	7630	0.0967	821	0.00164	0.00164	0.00011	0.0119	0.00742	0.377	0.0829	0.0000198	391	0.0000133	0.000942
2026 Apr	16800	60.8	69.7	3.21	9790	0.0899	1020	0.00191	0.00191	0.0000142	0.0126	0.00879	0.448	0.102	0.0000239	496	0.0000163	0.000872
2026 May	19900	72.2	82.9	3.81	11600	0.086	1200	0.00214	0.00214	0.0000168	0.0132	0.00996	0.51	0.118	0.0000273	584	0.0000188	0.000815
2026 Jun	9120	33.4	44.4	1.69	5200	0.0782	605	0.00137	0.00137	0.0000072	0.0111	0.00624	0.274	0.0598	0.0000171	276	0.0000977	0.0013
2026 Jul	12700	47.5	67.4	2.34	7210	0.102	862	0.0015	0.0015	0.0000949	0.0126	0.00878	0.377	0.0744	0.0000233	378	0.0000123	0.00205
2026 Aug	13500	51.4	84.4	2.39	7440	0.155	1010	0.00129	0.00129	0.0000867	0.0144	0.0112	0.449	0.0728	0.000028	402	0.0000121	0.00351
2026 Sep	17000	65.5	109	3.02	9350	0.178	1270	0.00139	0.00139	0.0000107	0.0173	0.0139	0.553	0.0876	0.0000346	504	0.00015	0.00439
2026 Oct	15000	57.5	91	2.71	8310	0.146	1080	0.00147	0.00147	0.0000101	0.016	0.0115	0.469	0.0817	0.0000295	446	0.0000137	0.00322
2026 Nov	24100	90.8	124	4.54	13700	0.117	1550	0.00221	0.00221	0.0000185	0.0168	0.0141	0.632	0.131	0.0000379	704	0.0000213	0.00253
2026 Dec	30100	113	146	5.75	17300	0.0985	1850	0.00269	0.00269	0.0000239	0.0174	0.0159	0.74	0.163	0.0000434	873	0.0000263	0.00211
2027 Jan	35600	122	153	6.29	20600	0.0806	2140	0.00316	0.00316	0.0000292	0.0179	0.017	0.839	0.195	0.0000488	1030	0.0000311	0.00169
2027 Feb	40000	123	151	6.35	23200	0.0656	2360	0.00355	0.00355	0.0000336	0.0183	0.0176	0.917	0.223	0.0000533	1160	0.0000351	0.00135
2027 Mar	42900	123	150	6.4	24900	0.056	2510	0.0038	0.0038	0.0000365	0.0186	0.018	0.969	0.241	0.0000562	1240	0.0000377	0.00112
2027 Apr	45000	124	149	6.44	26200	0.0491	2620	0.00399	0.00399	0.0000386	0.0189	0.0183	1.01	0.254	0.0000584	1300	0.0000396	0.000962
2027 May	46100	123	147	6.39	26800	0.0481	2680	0.00409	0.00409	0.0000397	0.0191	0.0184	1.03	0.261	0.0000594	1330	0.0000407	0.00085
2027 Jun	19500	52.3	70.4	2.63	11200	0.0698	1210	0.00211	0.00211	0.0000161	0.0135	0.00978	0.487	0.114	0.0000288	571	0.0000184	0.00161
2027 Jul	17600	43.6	60.1	2.17	10100	0.0798	1110	0.00196	0.00196	0.0000145	0.0128	0.0091	0.457	0.104	0.0000262	517	0.0000168	0.00173
2027 Aug	21500	52.7	79.1	2.55	12200	0.126	1410	0.00201	0.00201	0.0000168	0.0143	0.012	0.591	0.119	0.00003	629	0.0000196	0.00297
2027 Sep	17300	48.6	90.8	2.13	9600	0.147	1250	0.00155	0.00155	0.0000116	0.0151	0.0127	0.513	0.0872	0.0000251	512	0.00015	0.0047
2027 Oct	21400	51.4	74.7	2.51	12200	0.118	1380	0.00209	0.00209	0.00017	0.0151	0.0114	0.578	0.121	0.0000296	626	0.0000199	0.00248
2027 Nov	27100	62.2	80.8	3.16	15600	0.0908	1650	0.00262	0.00262	0.0000228	0.0155	0.0122	0.669	0.157	0.0000362	788	0.00025	0.00164
2027 Dec	32400	73.5	91.9	3.78	18800	0.0763	1930	0.00305	0.00305	0.0000277	0.0164	0.0135	0.768	0.188	0.0000423	940	0.0000296	0.00133
2028 Jan	37000	87.1	106	4.52	21500	0.0635	2170	0.00343	0.00343	0.00032	0.0171	0.0162	0.852	0.215	0.0000476	1070	0.0000335	0.00109
2028 Feb	40500	100	120	5.24	23600	0.0535	2360	0.00372	0.00372	0.0000354	0.0176	0.0194	0.917	0.236	0.0000518	1170	0.0000366	0.000895
2028 Mar	43000	109	130	5.73	25000	0.0467	2490	0.00392	0.00392	0.0000377	0.018	0.0216	0.961	0.25	0.0000546	1240	0.0000387	0.000764

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Apr	44800	116	137	6.09	26100	0.0417	2590	0.00407	0.00407	0.000394	0.0183	0.0233	0.995	0.261	0.0000568	1290	0.000403	0.000668
2028 May	46300	122	143	6.39	27000	0.0382	2670	0.0042	0.0042	0.000408	0.0185	0.0246	1.02	0.27	0.0000586	1330	0.000416	0.000597
2028 Jun	27300	73.4	89.9	3.8	15900	0.0526	1610	0.00277	0.00277	0.000238	0.0145	0.0159	0.634	0.162	0.0000367	792	0.000254	0.00105
2028 Jul	25300	70.2	85.4	3.65	14700	0.0559	1500	0.00264	0.00264	0.000221	0.0139	0.0159	0.596	0.151	0.0000345	736	0.000238	0.000992
2028 Aug	36100	103	126	5.33	21000	0.0655	2130	0.00335	0.00335	0.000313	0.0165	0.0232	0.837	0.211	0.0000469	1040	0.000327	0.00131
2028 Sep	26700	77.6	103	3.92	15300	0.106	1660	0.0025	0.0025	0.000221	0.0157	0.0191	0.679	0.154	0.0000359	777	0.000246	0.00221
2028 Oct	16400	48.3	67.1	2.4	9340	0.0955	1050	0.00186	0.00186	0.000133	0.0134	0.0126	0.437	0.0989	0.0000239	483	0.000156	0.00182
2028 Nov	25700	73.8	90.9	3.81	14900	0.0673	1530	0.00265	0.00265	0.000223	0.0147	0.0171	0.608	0.155	0.0000348	749	0.000239	0.00107
2028 Dec	32400	92.4	111	4.82	18900	0.0547	1900	0.00317	0.00317	0.000284	0.0159	0.0207	0.738	0.193	0.0000426	939	0.000296	0.000844
2029 Jan	37100	110	130	5.77	21600	0.0456	2150	0.00355	0.00355	0.000328	0.0167	0.0257	0.831	0.221	0.0000482	1070	0.000338	0.000683
2029 Feb	40400	126	148	6.62	23600	0.039	2330	0.00381	0.00381	0.00036	0.0173	0.0312	0.895	0.242	0.0000522	1170	0.000368	0.000568
2029 Mar	42700	137	160	7.21	24900	0.0345	2450	0.004	0.004	0.000382	0.0177	0.0349	0.939	0.256	0.000055	1230	0.000389	0.000489
2029 Apr	44400	145	169	7.65	25900	0.0311	2550	0.00414	0.00414	0.000398	0.0181	0.0377	0.972	0.267	0.0000571	1280	0.000404	0.00043
2029 May	45700	152	176	7.99	26700	0.0295	2620	0.00424	0.00424	0.000411	0.0183	0.0398	0.999	0.275	0.0000587	1320	0.000416	0.000387
2029 Jun	34800	118	143	6.12	20200	0.0454	2040	0.00336	0.00336	0.000307	0.0163	0.0319	0.782	0.208	0.0000457	1010	0.000319	0.00112
2029 Jul	16500	56.4	69.9	2.92	9540	0.0665	1010	0.00198	0.00198	0.000144	0.0119	0.0168	0.418	0.104	0.0000243	483	0.000164	0.00112
2029 Aug	25300	90.2	113	4.65	14700	0.0871	1550	0.00254	0.00254	0.000219	0.0142	0.0269	0.63	0.154	0.0000347	738	0.000238	0.00162
2029 Sep	30000	108	138	5.54	17300	0.0929	1840	0.00282	0.00282	0.000256	0.0161	0.0321	0.734	0.178	0.0000399	871	0.000277	0.00204
2029 Oct	31800	113	135	5.92	18468	0.0761	1890	0.0031	0.0031	0.000282	0.0163	0.0331	0.758	0.195	0.0000424	923	0.000301	0.000974
2029 Nov	31600	112	131	5.89	18400	0.0702	1860	0.00312	0.00312	0.000283	0.016	0.0326	0.748	0.196	0.0000422	917	0.000301	0.000679
2029 Dec	37000	132	153	6.93	21600	0.0566	2150	0.00356	0.00356	0.000333	0.017	0.0378	0.848	0.227	0.0000486	1070	0.000347	0.000537
2030 Jan	40500	140	161	7.35	23600	0.0469	2340	0.00385	0.00385	0.000368	0.0176	0.0421	0.91	0.251	0.0000531	1170	0.000378	0.000438
2030 Feb	42700	141	162	7.41	24900	0.0402	2450	0.00406	0.00406	0.000392	0.018	0.0456	0.949	0.268	0.0000561	1230	0.000401	0.000369
2030 Mar	44200	141	163	7.45	25800	0.0356	2530	0.00421	0.00421	0.000408	0.0183	0.0481	0.976	0.28	0.0000583	1270	0.000416	0.000322
2030 Apr	45300	142	163	7.48	26500	0.0321	2600	0.00432	0.00432	0.000421	0.0186	0.0499	0.997	0.289	0.0000599	1310	0.000427	0.000286
2030 May	46300	143	164	7.52	27100	0.0296	2650	0.00441	0.00441	0.000432	0.0188	0.0515	1.02	0.297	0.0000613	1330	0.000437	0.00026
2030 Jun	33800	103	122	5.41	19700	0.0389	1960	0.00342	0.00342	0.000313	0.016	0.0384	0.757	0.218	0.0000461	977	0.000325	0.000662
2030 Jul	26700	80	97.7	4.16	15500	0.0575	1590	0.00282	0.00282	0.000245	0.0145	0.0314	0.627	0.174	0.0000376	775	0.000261	0.00103
2030 Aug	33600	95.8	118	4.96	19500	0.0666	2000	0.00331	0.00331	0.000308	0.0163	0.0404	0.783	0.218	0.0000463	972	0.000323	0.00128
2030 Sep	40500	113	137	5.89	23600	0.0583	2380	0.00387	0.00387	0.000375	0.018	0.0486	0.922	0.264	0.000055	1170	0.000388	0.00112
2030 Oct	32300	89.5	107	4.67	18800	0.0684	1910	0.00326	0.00326	0.000301	0.0164	0.039	0.759	0.215	0.0000449	936	0.000317	0.000899
2030 Nov	34500	95.1	111	5	20100	0.0566	2010	0.00348	0.00348	0.000325	0.0167	0.0412	0.793	0.231	0.0000477	999	0.000338	0.000583
2030 Dec	39400	108	126	5.71	23000	0.0441	2270	0.00389	0.00389	0.000372	0.0176	0.0467	0.882	0.262	0.0000537	1140	0.000382	0.000443
2031 Jan	42400	110	127	5.81	24800	0.036	2430	0.00416	0.00416	0.000402	0.0182	0.0514	0.937	0.283	0.0000576	1220	0.00041	0.000351
2031 Feb	44300	106	122	5.59	25900	0.0305	2540	0.00433	0.00433	0.000423	0.0186	0.0554	0.972	0.297	0.0000602	1280	0.000429	0.00029
2031 Mar	45500	103	119	5.45	26600	0.027	2600	0.00445	0.00445	0.000436	0.0188	0.058	0.995	0.307	0.0000619	1310	0.000441	0.000251
2031 Apr	46500	101	117	5.35	27200	0.0245	2650	0.00453	0.00453	0.000446	0.019	0.06	1.01	0.314	0.0000631	1340	0.00045	0.000222
2031 May	45700	96.9	112	5.11	26700	0.0244	2610	0.00449	0.00449	0.00044	0.0188	0.0596	0.997	0.311	0.0000623	1320	0.000444	0.000221
2031 Jun	35400	73.8	87.4	3.86	20600	0.0351	2040	0.00363	0.00363	0.000338	0.0164	0.047	0.786	0.246	0.0000493	1020	0.000348	0.00059
2031 Jul	36300	73.5	87.6	3.84	21200	0.0375	2100	0.00371	0.00371	0.000347	0.0167	0.0488	0.81	0.251	0.0000506	1050	0.000357	0.000652
2031 Aug	32000	62.7	83.7	3.16	18500	0.08	1930	0.00318	0.00318	0.000295	0.0164	0.0451	0.766	0.214	0.0000453	928	0.000313	0.00177
2031 Sep	21900	47.3	79.6	2.17	12400	0.127	1450	0.00215	0.00215	0.000182	0.0155	0.0333	0.6	0.137	0.0000324	641	0.000212	0.00333
2031 Oct	10900	25.5	48	1.1	5940	0.137	802	0.00135	0.00135	0.0000812	0.0132	0.0178	0.375	0.0696	0.0000184	327	0.000117	0.00268
2031 Nov	9290	21.5	40.3	0.917	4980	0.144	705	0.00124	0.00124	0.0000677	0.013	0.0152	0.353	0.0607	0.0000163	281	0.000107	0.00236
2031 Dec	9290	21.5	40.3	0.917	4980	0.144	706	0.00124	0.00124	0.0000677	0.013	0.0152	0.353	0.0607	0.0000163	281	0.000107	0.00236
2032 Jan	9290	21.5	40.3	0.917	4980	0.144	706	0.00124	0.00124	0.0000677	0.013	0.0152	0.353	0.0607	0.0000163	281	0.000107	0.00236
2032 Feb	9290	21.5	40.3	0.917	4980	0.144	706	0.00124	0.00124	0.0000677	0.013	0.0152	0.353	0.0607	0.0000163	281	0.000107	0.00236
2032 Mar	9300	21.6	40.3	0.917	4980	0.144	706	0.00124	0.00124	0.0000677	0.013	0.0152	0.353	0.0607	0.0000163	281	0.000107	0.00236
2032 Apr	9310	21.6	40.4	0.918	4980	0.145	707	0.00124	0.00124	0.0000678	0.013	0.0153	0.354	0.0608	0.0000163	282	0.000107	0.00236
2032 May	9240	21.4	40	0.911	4940	0.147	705	0.00124	0.00124	0.0000672	0.0131	0.0152	0.356	0.0608	0.0000163	280	0.000107	0.00236
2032 Jun	2720	7.35	16	0.284	1410	0.08	249	0.000966	0.000966	0.0000187	0.00856	0.00549	0.141	0.0247	0.00000834	92.9	0.0000448	0.00133
2032 Jul	1250	3.5	8.24	0.128	626	0.0649	136	0.00091	0.00091	0.00000907	0.00663	0.003	0.0881	0.0152	0.00000654	47.6	0.000028	0.000939
2032 Aug	881	2.4	5.59	0.0877	438	0.0576	101	0.000929	0.000929	0.0000077	0.00562	0.00221	0.0686	0.0131	0.0000061	36.1	0.0000218	0.000693
2032 Sep	700	1.87	4.34	0.0686	346	0.0524	81.6	0.000943	0.000943	0.00000708	0.00511	0.00181	0.0571	0.0121	0.00000588	30.1	0.0000186	0.000555
2032 Oct	635	1.69	3.9	0.0617	313	0.0503	74.4	0.000948	0.000948	0.00000686	0.00492	0.00166	0.0526	0.0117	0.0000058	28	0.0000174	0.000504
2032 Nov	636	1.69	3.9	0.0618	313	0.0508	75.1	0.000947	0.000947	0.00000686	0.00495	0.00166	0.0534	0.0117	0.0000058	28.1	0.0000175	0.000506
2032 Dec	637	1.69	3.9	0.0618	314	0.0512	75.7	0.000946	0.000946	0.00000684	0.00497	0.00167	0.054	0.0117	0.0000058	28.2	0.0000177	0.000507
2033 Jan	637	1.69	3.9	0.0618	314	0.0512	75.7	0.000946	0.000946	0.00000684	0.00497	0.00167	0.054	0.0117	0.0000058	28.2	0.0000177	0.000507
2033 Feb	637	1.69	3.9	0.0618	314	0.0512	75.7	0.000946	0.000946	0.00000684	0.00497	0.00167	0.054	0.0117	0.0000058	28.2	0.0000177	0.000507
2033 Mar	637	1.69	3.9	0.0618	314	0.0513	75.7	0.000946	0.000946	0.00000685	0.00497	0.00167	0.054	0.0117	0.0000058	28.2	0.0000177	0.000507
2033 Apr	638	1.69	3.9	0.0618	314	0.0513	75.7	0.000947	0.000947	0.00000685	0.00497	0.00167	0.054	0.0117	0.0000058	28.3	0.0000177	0.000507
2033 May	627	1.65	3.79	0.0601	306	0.0516	75.6	0.000947	0.000947	0.00000678	0.00508	0.0017	0.0547	0.0129	0.00000579	28.9	0.0000183	0.000512
2033 Jun	580	1.46	3.3	0.0531	280	0.0519	73.6	0.000935	0.000935	0.00000647	0.00527	0.00171	0.0556	0.0147	0.00000571	29.3	0.0000192	0.000524
2033 Jul	526	1.3	2.93	0.0474	252	0.0503	67.7	0.000942	0.000942	0.0000063	0.00508	0.00158	0.0517	0.0141	0.00000566	27.2	0.0000181	0.000491
2033 Aug	469	1.15	2.58	0.0419	224	0.0482	60.9	0.000952	0.000952	0.00000616	0.00484	0.00144	0.047	0.0133	0.00000561	25	0.0000167	0.000444
2033 Sep	427	1.03	2.29	0.0375	203	0.0474	56.8	0.000953	0.000953	0.000006	0.00473	0.00133	0.0448	0.0128	0.00000555	23.5	0.0000159	0.000407
2033 Oct	411	0.978	2.14	0.0353	193	0.0485	56.6	0.000947	0.000947	0.00000588	0.0048	0.00131	0.0457	0.0127	0.00000551	23.2	0.000016	0.000395

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Nov	410	0.977	2.13	0.0352	193	0.0486	56.7	0.000947	0.000947	0.00000588	0.00482	0.00131	0.0459	0.0127	0.00000551	23.2	0.0000161	0.000395
2033 Dec	410	0.977	2.13	0.0352	193	0.0486	56.8	0.000947	0.000947	0.00000588	0.00482	0.00131	0.0459	0.0127	0.00000551	23.2	0.0000161	0.000395
2034 Jan	410	0.977	2.13	0.0352	193	0.0486	56.8	0.000947	0.000947	0.00000588	0.00482	0.00131	0.0459	0.0127	0.00000551	23.2	0.0000161	0.000395
2034 Feb	410	0.977	2.13	0.0352	193	0.0486	56.8	0.000947	0.000947	0.00000588	0.00482	0.00131	0.0459	0.0127	0.00000551	23.2	0.0000161	0.000395
2034 Mar	410	0.977	2.13	0.0352	193	0.0486	56.8	0.000947	0.000947	0.00000588	0.00482	0.00131	0.0459	0.0127	0.00000551	23.2	0.0000161	0.000395
2034 Apr	410	0.978	2.13	0.0353	193	0.0487	56.8	0.000947	0.000947	0.00000588	0.00482	0.00131	0.0459	0.0127	0.00000551	23.3	0.0000161	0.000395
2034 May	410	0.975	2.13	0.0351	192	0.0487	56.8	0.000948	0.000948	0.00000588	0.00484	0.00132	0.046	0.0129	0.00000551	23.4	0.0000162	0.000397
2034 Jun	393	0.915	1.98	0.033	183	0.0481	55.2	0.000946	0.000946	0.0000058	0.00493	0.00133	0.0452	0.0138	0.00000549	23.6	0.0000165	0.000403
2034 Jul	375	0.86	1.85	0.031	174	0.0478	53.6	0.000948	0.000948	0.00000574	0.00486	0.00129	0.0444	0.0135	0.00000547	22.9	0.0000162	0.000392
2034 Aug	350	0.799	1.72	0.0288	162	0.0466	50.3	0.000956	0.000956	0.00000571	0.00472	0.00122	0.0418	0.0131	0.00000546	21.8	0.0000155	0.000369
2034 Sep	332	0.749	1.6	0.027	152	0.0463	48.6	0.000956	0.000956	0.00000564	0.00467	0.00117	0.0409	0.0128	0.00000543	21.1	0.0000151	0.00035
2034 Oct	325	0.73	1.54	0.0261	148	0.0468	48.7	0.000953	0.000953	0.00000559	0.0047	0.00116	0.0414	0.0127	0.00000541	21	0.0000151	0.000343
2034 Nov	325	0.731	1.54	0.0261	148	0.0469	48.8	0.000953	0.000953	0.00000559	0.00471	0.00116	0.0416	0.0127	0.00000541	21	0.0000152	0.000343
2034 Dec	325	0.731	1.54	0.0261	148	0.0469	48.8	0.000953	0.000953	0.00000559	0.00471	0.00116	0.0416	0.0127	0.00000541	21	0.0000152	0.000343
2035 Jan	325	0.731	1.54	0.0261	148	0.0469	48.8	0.000953	0.000953	0.00000559	0.00471	0.00116	0.0416	0.0127	0.00000541	21	0.0000152	0.000343
2035 Feb	325	0.731	1.54	0.0261	148	0.0469	48.8	0.000953	0.000953	0.00000559	0.00471	0.00116	0.0416	0.0127	0.00000541	21	0.0000152	0.000343
2035 Mar	325	0.731	1.54	0.0261	148	0.0469	48.8	0.000953	0.000953	0.00000559	0.00471	0.00116	0.0416	0.0127	0.00000541	21	0.0000152	0.000343
2035 Apr	325	0.731	1.54	0.0261	148	0.0469	48.9	0.000953	0.000953	0.00000559	0.00471	0.00116	0.0416	0.0127	0.00000541	21	0.0000152	0.000343
2035 May	325	0.732	1.54	0.0262	148	0.047	48.9	0.000954	0.000954	0.00000559	0.00472	0.00116	0.0417	0.0127	0.00000542	21.1	0.0000152	0.000344
2035 Jun	315	0.693	1.46	0.0248	142	0.0464	47.8	0.000951	0.000951	0.00000554	0.00481	0.00117	0.0411	0.0131	0.00000539	21.1	0.0000156	0.000349
2035 Jul	303	0.66	1.38	0.0236	136	0.0458	46.3	0.000953	0.000953	0.00000551	0.00476	0.00114	0.0401	0.0129	0.00000538	20.5	0.0000153	0.000342
2035 Aug	289	0.625	1.31	0.0224	130	0.0452	44.5	0.000957	0.000957	0.00000549	0.00468	0.0011	0.0386	0.0126	0.00000538	19.9	0.0000148	0.000329
2035 Sep	277	0.598	1.24	0.0213	124	0.0452	43.7	0.000955	0.000955	0.00000544	0.00465	0.00107	0.0383	0.0124	0.00000535	19.5	0.0000146	0.000315
2035 Oct	271	0.584	1.2	0.0208	120	0.0451	43	0.000954	0.000954	0.00000541	0.00465	0.00105	0.038	0.0123	0.00000533	19.3	0.0000145	0.000308
2035 Nov	271	0.585	1.2	0.0208	120	0.0453	43.3	0.000953	0.000953	0.0000054	0.00467	0.00106	0.0383	0.0123	0.00000533	19.4	0.0000146	0.000308
2035 Dec	271	0.585	1.2	0.0208	120	0.0453	43.3	0.000953	0.000953	0.0000054	0.00467	0.00106	0.0383	0.0123	0.00000533	19.4	0.0000146	0.000308
2036 Jan	271	0.585	1.2	0.0208	120	0.0453	43.3	0.000953	0.000953	0.0000054	0.00467	0.00106	0.0383	0.0123	0.00000533	19.4	0.0000146	0.000308
2036 Feb	271	0.585	1.2	0.0208	120	0.0453	43.3	0.000953	0.000953	0.0000054	0.00467	0.00106	0.0383	0.0123	0.00000533	19.4	0.0000146	0.000308
2036 Mar	271	0.585	1.2	0.0208	120	0.0453	43.3	0.000953	0.000953	0.0000054	0.00467	0.00106	0.0383	0.0123	0.00000533	19.4	0.0000146	0.000308
2036 Apr	271	0.585	1.2	0.0208	120	0.0453	43.3	0.000953	0.000953	0.0000054	0.00467	0.00106	0.0383	0.0124	0.00000533	19.4	0.0000146	0.000308
2036 May	272	0.586	1.2	0.0208	120	0.0454	43.4	0.000955	0.000955	0.00000541	0.00468	0.00106	0.0384	0.0124	0.00000534	19.4	0.0000146	0.000309
2036 Jun	265	0.569	1.17	0.0202	117	0.0449	42.6	0.000953	0.000953	0.00000538	0.00472	0.00106	0.0379	0.0124	0.00000532	19.2	0.0000148	0.000306
2036 Jul	256	0.546	1.12	0.0194	112	0.0443	41.2	0.000955	0.000955	0.00000537	0.00468	0.00103	0.0368	0.0122	0.00000531	18.8	0.0000146	0.000299
2036 Aug	247	0.525	1.07	0.0187	108	0.0437	39.8	0.000961	0.000961	0.00000537	0.00462	0.001	0.0356	0.0121	0.00000532	18.4	0.0000142	0.00029
2036 Sep	238	0.505	1.03	0.018	104	0.0432	38.5	0.000962	0.000962	0.00000536	0.00457	0.000973	0.0346	0.0119	0.0000053	18	0.0000139	0.000279
2036 Oct	234	0.496	1.01	0.0176	102	0.0431	38.1	0.000961	0.000961	0.00000534	0.00456	0.000961	0.0343	0.0118	0.00000529	17.8	0.0000138	0.000272
2036 Nov	234	0.497	1.01	0.0176	102	0.0432	38.2	0.000961	0.000961	0.00000533	0.00457	0.000962	0.0345	0.0119	0.00000528	17.8	0.0000139	0.000272
2036 Dec	234	0.497	1.01	0.0176	102	0.0432	38.2	0.000961	0.000961	0.00000533	0.00457	0.000962	0.0345	0.0119	0.00000528	17.8	0.0000139	0.000272
2037 Jan	234	0.497	1.01	0.0176	102	0.0432	38.2	0.000961	0.000961	0.00000533	0.00457	0.000962	0.0345	0.0119	0.00000528	17.8	0.0000139	0.000272
2037 Feb	234	0.497	1.01	0.0176	102	0.0432	38.2	0.000961	0.000961	0.00000533	0.00457	0.000962	0.0345	0.0119	0.00000528	17.8	0.0000139	0.000272
2037 Mar	234	0.497	1.01	0.0176	102	0.0432	38.2	0.000961	0.000961	0.00000533	0.00457	0.000962	0.0345	0.0119	0.00000528	17.8	0.0000139	0.000272
2037 Apr	234	0.497	1.01	0.0176	102	0.0432	38.2	0.000961	0.000961	0.00000533	0.00457	0.000963	0.0345	0.0119	0.00000529	17.8	0.0000139	0.000272
2037 May	233	0.494	1	0.0175	101	0.043	38	0.000962	0.000962	0.00000533	0.00459	0.00097	0.0343	0.0121	0.00000528	18	0.0000139	0.000274
2037 Jun	227	0.48	0.971	0.017	98.3	0.0424	37.1	0.000958	0.000958	0.0000053	0.0046	0.000972	0.0336	0.0124	0.00000525	18	0.000014	0.000273
2037 Jul	222	0.468	0.945	0.0165	95.9	0.0421	36.3	0.000962	0.000962	0.0000053	0.00457	0.000956	0.0329	0.0123	0.00000526	17.7	0.0000138	0.000269
2037 Aug	216	0.453	0.914	0.016	93	0.0417	35.3	0.000966	0.000966	0.00000531	0.00452	0.000934	0.0321	0.0122	0.00000527	17.4	0.0000136	0.000262
2037 Sep	209	0.438	0.884	0.0155	90.2	0.0413	34.3	0.000969	0.000969	0.00000531	0.00448	0.000911	0.0312	0.012	0.00000527	17.1	0.0000133	0.000254
2037 Oct	206	0.43	0.866	0.0152	88.5	0.0411	33.8	0.000968	0.000968	0.00000529	0.00446	0.0009	0.0308	0.012	0.00000526	16.9	0.0000132	0.000249
2037 Nov	206	0.43	0.866	0.0152	88.4	0.0411	33.8	0.000968	0.000968	0.00000529	0.00447	0.000901	0.0309	0.012	0.00000526	16.9	0.0000132	0.000249
2037 Dec	206	0.431	0.866	0.0152	88.5	0.0411	33.8	0.000968	0.000968	0.00000529	0.00447	0.000901	0.0309	0.012	0.00000526	16.9	0.0000132	0.000249
2038 Jan	206	0.431	0.866	0.0152	88.5	0.0411	33.8	0.000968	0.000968	0.00000529	0.00447	0.000901	0.0309	0.012	0.00000526	16.9	0.0000132	0.000249
2038 Feb	206	0.431	0.866	0.0152	88.5	0.0411	33.8	0.000968	0.000968	0.00000529	0.00447	0.000901	0.0309	0.012	0.00000526	16.9	0.0000132	0.000249
2038 Mar	206	0.431	0.866	0.0152	88.5	0.0411	33.8	0.000968	0.000968	0.00000529	0.00447	0.000901	0.0309	0.012	0.00000526	16.9	0.0000132	0.000249
2038 Apr	206	0.431	0.867	0.0152	88.5	0.0411	33.8	0.000969	0.000969	0.00000529	0.00447	0.000901	0.0309	0.012	0.00000526	16.9	0.0000132	0.000249
2038 May	206	0.43	0.865	0.0152	88.4	0.0411	33.8	0.00097	0.00097	0.0000053	0.00448	0.000905	0.0308	0.0121	0.00000526	17	0.0000132	0.00025
2038 Jun	202	0.42	0.843	0.0148	86.4	0.0405	33	0.000968	0.000968	0.00000528	0.00449	0.000908	0.0302	0.0124	0.00000524	17.1	0.0000133	0.000251
2038 Jul	199	0.412	0.827	0.0146	84.9	0.0404	32.5	0.000973	0.000973	0.00000529	0.00447	0.000898	0.0298	0.0123	0.00000526	16.9	0.0000132	0.000248
2038 Aug	198	0.41	0.822	0.0145	84.5	0.0405	32.4	0.000977	0.000977	0.00000531	0.00448	0.000897	0.0297	0.0123	0.00000528	16.9	0.0000131	0.000248
2038 Sep	198	0.41	0.822	0.0145	84.4	0.0406	32.4	0.000978	0.000978	0.00000531	0.00449	0.000898	0.0298	0.0123	0.00000528	16.9	0.0000132	0.000248
2038 Oct	198	0.41	0.821	0.0145	84.3	0.0406	32.4	0.000977	0.000977	0.00000531	0.0045	0.000899	0.0298	0.0123	0.00000528	16.9	0.0000132	0.000248
2038 Nov	198	0.41	0.821	0.0145	84.3	0.0406	32.5	0.000977	0.000977	0.00000531	0.0045	0.000899	0.0298	0.0123	0.00000528	16.9	0.0000132	0.000248
2038 Dec	198	0.41	0.821	0.0145	84.3	0.0406	32.5	0.000977	0.000977	0.00000531	0.0045	0.0009	0.0298	0.0123	0.00000528	16.9	0.0000132	0.000248
2039 Jan	198	0.41	0.821	0.0145	84.3	0.0406	32.5	0.000977	0.000977	0.00000531	0.0045	0.0009	0.0298	0.0123	0.00000528	16.9	0.0000132	0.000248
2039 Feb	198	0.41	0.821	0.0145	84.3	0.0406	32.5	0.000977	0.000977	0.00000531	0.0045	0.0009	0.0298	0.0123	0.00000528	16.9	0.0000132	0.000248
2039 Mar	198	0.41	0.821	0.0145	84.3	0.0406	32.5	0.000977	0.000977	0.00000531	0.0045	0.0009	0.0298	0.0123	0.00000528	16.9	0.0000132	0.000248
2039 Apr	198	0.41	0.821	0.0145	84.3	0.0406	32.5	0.000978	0.000978	0.00000531	0.0045	0.0009	0.0298	0.0123	0.00000528	16.9	0.0000132	0.000248
2039 May	198	0.411	0.822	0.0145	84.4	0.0407	32.5	0.000979	0.000979	0.00000532	0.00451	0.000901	0.0299	0.0124	0.00000529	17	0.0000132	0.000248

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Jun	195	0.404	0.808	0.0143	82.9	0.0404	32.3	0.000976	0.000976	0.0000053	0.00456	0.000901	0.0298	0.0123	0.00000527	16.9	0.0000134	0.000247
2039 Jul	193	0.399	0.797	0.0141	81.7	0.0402	31.9	0.000973	0.000973	0.00000528	0.00457	0.0009	0.0296	0.0123	0.00000525	16.8	0.0000135	0.000245
2039 Aug	193	0.398	0.794	0.014	81.5	0.0403	32	0.000975	0.000975	0.00000528	0.00458	0.000904	0.0297	0.0123	0.00000526	16.8	0.0000135	0.000245
2039 Sep	193	0.399	0.795	0.0141	81.6	0.0405	32.1	0.000976	0.000976	0.00000529	0.0046	0.000907	0.0298	0.0123	0.00000526	16.8	0.0000135	0.000245
2039 Oct	193	0.399	0.795	0.0141	81.5	0.0405	32.1	0.000976	0.000976	0.00000529	0.0046	0.000907	0.0298	0.0123	0.00000526	16.8	0.0000135	0.000245
2039 Nov	193	0.399	0.795	0.0141	81.5	0.0405	32.1	0.000976	0.000976	0.00000529	0.00461	0.000908	0.0299	0.0123	0.00000526	16.8	0.0000135	0.000245
2039 Dec	193	0.399	0.795	0.0141	81.5	0.0405	32.1	0.000976	0.000976	0.00000529	0.00461	0.000908	0.0299	0.0123	0.00000526	16.8	0.0000135	0.000245
2040 Jan	193	0.399	0.795	0.0141	81.5	0.0405	32.1	0.000976	0.000976	0.00000529	0.00461	0.000908	0.0299	0.0123	0.00000526	16.8	0.0000135	0.000245
2040 Feb	193	0.399	0.795	0.0141	81.5	0.0405	32.1	0.000976	0.000976	0.00000529	0.00461	0.000908	0.0299	0.0123	0.00000526	16.8	0.0000135	0.000245
2040 Mar	193	0.399	0.795	0.0141	81.5	0.0405	32.1	0.000976	0.000976	0.00000529	0.00461	0.000908	0.0299	0.0123	0.00000527	16.8	0.0000135	0.000246
2040 Apr	193	0.399	0.795	0.0141	81.5	0.0405	32.1	0.000977	0.000977	0.00000529	0.00461	0.000908	0.0299	0.0123	0.00000527	16.8	0.0000135	0.000246
2040 May	193	0.399	0.795	0.0141	81.5	0.0405	32.1	0.000978	0.000978	0.0000053	0.00462	0.00091	0.0299	0.0124	0.00000527	16.9	0.0000136	0.000246
2040 Jun	190	0.391	0.777	0.0138	80	0.04	31.5	0.000975	0.000975	0.00000527	0.00465	0.000919	0.0294	0.0127	0.00000525	17	0.0000137	0.000248
2040 Jul	190	0.391	0.777	0.0138	80	0.0401	31.6	0.000977	0.000977	0.00000528	0.00466	0.000922	0.0295	0.0127	0.00000526	17	0.0000137	0.000248
2040 Aug	191	0.392	0.778	0.0138	80.1	0.0403	31.7	0.000979	0.000979	0.0000053	0.00468	0.000925	0.0296	0.0128	0.00000527	17.1	0.0000138	0.000248
2040 Sep	191	0.392	0.778	0.0138	80	0.0404	31.8	0.00098	0.00098	0.0000053	0.00469	0.000927	0.0297	0.0128	0.00000528	17.1	0.0000138	0.000249
2040 Oct	191	0.392	0.778	0.0138	80	0.0404	31.8	0.000981	0.000981	0.0000053	0.0047	0.000928	0.0297	0.0128	0.00000528	17.1	0.0000138	0.000249
2040 Nov	191	0.392	0.778	0.0138	80	0.0404	31.8	0.000981	0.000981	0.0000053	0.0047	0.000928	0.0297	0.0128	0.00000528	17.1	0.0000138	0.000249
2040 Dec	191	0.392	0.778	0.0138	80	0.0404	31.8	0.000981	0.000981	0.0000053	0.0047	0.000928	0.0297	0.0128	0.00000528	17.1	0.0000138	0.000249
2041 Jan	191	0.392	0.778	0.0138	80	0.0404	31.8	0.000981	0.000981	0.0000053	0.0047	0.000928	0.0298	0.0128	0.00000528	17.1	0.0000138	0.000249
2041 Feb	191	0.392	0.778	0.0138	80	0.0404	31.8	0.000981	0.000981	0.0000053	0.0047	0.000928	0.0298	0.0128	0.00000528	17.1	0.0000138	0.000249
2041 Mar	191	0.392	0.778	0.0138	80	0.0404	31.8	0.000981	0.000981	0.0000053	0.0047	0.000928	0.0298	0.0128	0.00000528	17.1	0.0000138	0.000249
2041 Apr	191	0.392	0.778	0.0138	80	0.0404	31.8	0.000981	0.000981	0.0000053	0.0047	0.000929	0.0298	0.0128	0.00000528	17.1	0.0000138	0.000249
2041 May	191	0.393	0.779	0.0138	80.1	0.0405	31.9	0.000982	0.000982	0.00000531	0.00471	0.00093	0.0298	0.0128	0.00000529	17.2	0.0000139	0.000249
2041 Jun	188	0.386	0.765	0.0135	78.7	0.0401	31.4	0.000979	0.000979	0.00000529	0.00474	0.000929	0.0295	0.0128	0.00000527	17.1	0.000014	0.000248
2041 Jul	186	0.38	0.752	0.0133	77.5	0.0398	31	0.000976	0.000976	0.00000526	0.00476	0.000925	0.0292	0.0127	0.00000524	16.9	0.000014	0.000246
2041 Aug	186	0.381	0.755	0.0134	77.7	0.04	31.1	0.00098	0.00098	0.00000528	0.00478	0.00093	0.0294	0.0128	0.00000526	17	0.0000141	0.000247
2041 Sep	186	0.381	0.755	0.0134	77.7	0.0401	31.2	0.000981	0.000981	0.00000529	0.00479	0.000932	0.0295	0.0128	0.00000527	17	0.0000141	0.000247
2041 Oct	186	0.381	0.754	0.0134	77.6	0.0401	31.2	0.00098	0.00098	0.00000529	0.00479	0.000933	0.0295	0.0128	0.00000527	17	0.0000141	0.000247
2041 Nov	186	0.381	0.754	0.0134	77.6	0.0401	31.3	0.000981	0.000981	0.00000529	0.0048	0.000933	0.0296	0.0128	0.00000527	17	0.0000141	0.000247
2041 Dec	186	0.381	0.754	0.0134	77.6	0.0401	31.3	0.000981	0.000981	0.00000529	0.0048	0.000933	0.0296	0.0128	0.00000527	17	0.0000141	0.000247
2042 Jan	186	0.381	0.754	0.0134	77.6	0.0401	31.3	0.000981	0.000981	0.00000529	0.0048	0.000933	0.0296	0.0128	0.00000527	17	0.0000141	0.000247
2042 Feb	186	0.381	0.754	0.0134	77.6	0.0401	31.3	0.000981	0.000981	0.00000529	0.0048	0.000933	0.0296	0.0128	0.00000527	17	0.0000141	0.000247
2042 Mar	186	0.381	0.754	0.0134	77.6	0.0401	31.3	0.000981	0.000981	0.00000529	0.0048	0.000933	0.0296	0.0128	0.00000527	17	0.0000141	0.000247
2042 Apr	187	0.382	0.755	0.0134	77.6	0.0402	31.3	0.000981	0.000981	0.00000529	0.0048	0.000934	0.0296	0.0128	0.00000527	17.1	0.0000141	0.000248
2042 May	187	0.382	0.756	0.0134	77.8	0.0402	31.3	0.000983	0.000983	0.0000053	0.00481	0.000936	0.0296	0.0129	0.00000528	17.1	0.0000142	0.000248
2042 Jun	185	0.377	0.745	0.0132	76.7	0.0399	30.9	0.000981	0.000981	0.00000529	0.00483	0.000934	0.0293	0.0128	0.00000527	17	0.0000143	0.000247
2042 Jul	183	0.373	0.738	0.0131	76	0.0398	30.7	0.000981	0.000981	0.00000528	0.00485	0.000934	0.0292	0.0128	0.00000526	16.9	0.0000143	0.000246
2042 Aug	182	0.371	0.733	0.013	75.5	0.0399	30.7	0.000979	0.000979	0.00000527	0.00485	0.000935	0.0292	0.0128	0.00000525	16.9	0.0000143	0.000246
2042 Sep	182	0.37	0.73	0.013	75.2	0.0399	30.7	0.000979	0.000979	0.00000527	0.00486	0.000937	0.0293	0.0128	0.00000525	16.9	0.0000142	0.000245
2042 Oct	182	0.37	0.728	0.0129	75	0.04	30.6	0.000978	0.000978	0.00000526	0.00487	0.000937	0.0293	0.0128	0.00000525	16.9	0.0000142	0.000245
2042 Nov	182	0.37	0.728	0.0129	75	0.04	30.7	0.000978	0.000978	0.00000526	0.00487	0.000937	0.0293	0.0128	0.00000525	16.9	0.0000143	0.000245
2042 Dec	182	0.37	0.728	0.0129	75.1	0.04	30.7	0.000978	0.000978	0.00000526	0.00487	0.000938	0.0293	0.0128	0.00000525	16.9	0.0000143	0.000245
2043 Jan	182	0.37	0.728	0.0129	75.1	0.04	30.7	0.000978	0.000978	0.00000526	0.00487	0.000938	0.0293	0.0128	0.00000525	16.9	0.0000143	0.000245
2043 Feb	182	0.37	0.728	0.0129	75.1	0.04	30.7	0.000978	0.000978	0.00000526	0.00487	0.000938	0.0293	0.0128	0.00000525	16.9	0.0000143	0.000245
2043 Mar	182	0.37	0.728	0.0129	75.1	0.04	30.7	0.000978	0.000978	0.00000526	0.00487	0.000938	0.0293	0.0128	0.00000525	16.9	0.0000143	0.000245
2043 Apr	182	0.37	0.728	0.0129	75.1	0.04	30.7	0.000979	0.000979	0.00000527	0.00487	0.000938	0.0293	0.0128	0.00000525	16.9	0.0000143	0.000245
2043 May	182	0.37	0.729	0.013	75.1	0.04	30.7	0.00098	0.00098	0.00000527	0.00488	0.00094	0.0294	0.0129	0.00000526	17	0.0000143	0.000246
2043 Jun	180	0.364	0.715	0.0127	74	0.0396	30.2	0.000978	0.000978	0.00000526	0.0049	0.000948	0.029	0.0132	0.00000524	17.1	0.0000144	0.000247
2043 Jul	180	0.365	0.716	0.0127	74.1	0.0398	30.3	0.000982	0.000982	0.00000528	0.00493	0.000952	0.0291	0.0132	0.00000526	17.2	0.0000145	0.000248
2043 Aug	181	0.366	0.718	0.0128	74.3	0.04	30.5	0.000986	0.000986	0.00000529	0.00495	0.000957	0.0292	0.0133	0.00000528	17.2	0.0000145	0.000249
2043 Sep	181	0.366	0.717	0.0128	74.2	0.0401	30.6	0.000986	0.000986	0.0000053	0.00496	0.000959	0.0293	0.0133	0.00000528	17.3	0.0000145	0.000249
2043 Oct	180	0.365	0.715	0.0127	74	0.0401	30.6	0.000986	0.000986	0.00000529	0.00497	0.00096	0.0294	0.0133	0.00000528	17.3	0.0000145	0.000249
2043 Nov	180	0.364	0.713	0.0127	73.8	0.0402	30.5	0.000985	0.000985	0.00000529	0.00498	0.00096	0.0294	0.0133	0.00000528	17.3	0.0000146	0.000249
2043 Dec	180	0.364	0.713	0.0127	73.8	0.0402	30.5	0.000985	0.000985	0.00000529	0.00498	0.00096	0.0294	0.0133	0.00000528	17.3	0.0000146	0.000249
2044 Jan	180	0.364	0.714	0.0127	73.8	0.0402	30.5	0.000985	0.000985	0.00000529	0.00498	0.00096	0.0294	0.0133	0.00000528	17.3	0.0000146	0.000249
2044 Feb	180	0.364	0.714	0.0127	73.8	0.0402	30.5	0.000985	0.000985	0.00000529	0.00498	0.00096	0.0294	0.0133	0.00000528	17.3	0.0000146	0.000249
2044 Mar	180	0.365	0.714	0.0127	73.8	0.0402	30.5	0.000985	0.000985	0.00000529	0.00498	0.00096	0.0294	0.0133	0.00000528	17.3	0.0000146	0.000249
2044 Apr	180	0.365	0.714	0.0127	73.8	0.0402	30.5	0.000986	0.000986	0.00000529	0.00498	0.00096	0.0294	0.0133	0.00000528	17.3	0.0000146	0.000249
2044 May	180	0.365	0.715	0.0127	73.9	0.0402	30.6	0.000987	0.000987	0.0000053	0.00499	0.000962	0.0294	0.0133	0.00000529	17.3	0.0000146	0.000249
2044 Jun	177	0.357	0.698	0.0125	72.4	0.0397	30	0.000982	0.000982	0.00000527	0.00501	0.000959	0.0289	0.0133	0.00000526	17.2	0.0000147	0.000248
2044 Jul	177	0.356	0.696	0.0124	72.2	0.0397	29.9	0.000985	0.000985	0.00000528	0.00503	0.000961	0.0289	0.0134	0.00000527	17.2	0.0000147	0.000248
2044 Aug	178	0.358	0.699	0.0125	72.5	0.0399	30.1	0.000989	0.000989	0.0000053	0.00506	0.000966	0.0291	0.0134	0.00000529	17.3	0.0000148	0.000249
2044 Sep	177	0.356	0.696	0.0124	72.1	0.0399	30	0.000988	0.000988	0.00000529	0.00506	0.000966	0.0291	0.0134	0.00000528	17.3	0.0000148	0.000249
2044 Oct	177	0.356	0.694	0.0124	72	0.04	30	0.000988	0.000988	0.00000529	0.00507	0.000966	0.0291	0.0134	0.00000528	17.3	0.0000148	0.000249
2044 Nov	177	0.356	0.693	0.0124	71.9	0.04	30	0.000988	0.000988	0.00000529	0.00507	0.000967	0.0291	0.0134	0.00000528	17.3	0.0000148	0.000249
2044 Dec	177	0.356	0.693	0.0124	71.9	0.04	30	0.000988	0.000988	0.00000529	0.00507	0.000967	0.0291	0.0134	0.00000528	17.3	0.0000148	0.000249

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Jan	177	0.356	0.693	0.0124	71.9	0.04	30	0.000988	0.000988	0.00000529	0.00507	0.000967	0.0291	0.0134	0.00000528	17.3	0.0000148	0.000249
2045 Feb	177	0.356	0.693	0.0124	71.9	0.04	30	0.000988	0.000988	0.00000529	0.00507	0.000967	0.0291	0.0134	0.00000528	17.3	0.0000148	0.000249
2045 Mar	177	0.356	0.693	0.0124	71.9	0.04	30	0.000988	0.000988	0.00000529	0.00507	0.000967	0.0291	0.0134	0.00000528	17.3	0.0000148	0.000249
2045 Apr	177	0.356	0.694	0.0124	72	0.04	30	0.000988	0.000988	0.00000529	0.00507	0.000967	0.0291	0.0134	0.00000528	17.3	0.0000148	0.000249
2045 May	177	0.356	0.694	0.0124	72	0.04	30.1	0.000989	0.000989	0.0000053	0.00508	0.000968	0.0292	0.0134	0.00000529	17.3	0.0000148	0.000249
2045 Jun	175	0.351	0.685	0.0122	71	0.0399	29.9	0.000987	0.000987	0.00000528	0.00511	0.000967	0.0291	0.0134	0.00000527	17.2	0.000015	0.000248
2045 Jul	174	0.349	0.68	0.0122	70.6	0.0398	29.8	0.000988	0.000988	0.00000529	0.00514	0.000969	0.0291	0.0134	0.00000528	17.2	0.0000151	0.000248
2045 Aug	175	0.35	0.682	0.0122	70.7	0.04	29.9	0.000991	0.000991	0.0000053	0.00515	0.000972	0.0292	0.0134	0.0000053	17.2	0.0000151	0.000249
2045 Sep	175	0.35	0.681	0.0122	70.7	0.04	29.9	0.000992	0.000992	0.00000531	0.00516	0.000974	0.0293	0.0134	0.0000053	17.3	0.0000151	0.000249
2045 Oct	175	0.35	0.681	0.0122	70.7	0.0401	30	0.000992	0.000992	0.00000531	0.00517	0.000975	0.0293	0.0135	0.0000053	17.3	0.0000151	0.000249
2045 Nov	175	0.35	0.681	0.0122	70.7	0.0401	30	0.000993	0.000993	0.00000531	0.00517	0.000975	0.0293	0.0135	0.0000053	17.3	0.0000151	0.000249
2045 Dec	175	0.35	0.681	0.0122	70.7	0.0401	30	0.000993	0.000993	0.00000531	0.00517	0.000975	0.0293	0.0135	0.0000053	17.3	0.0000151	0.000249
2046 Jan	175	0.35	0.681	0.0122	70.7	0.0401	30	0.000993	0.000993	0.00000531	0.00517	0.000975	0.0293	0.0135	0.0000053	17.3	0.0000151	0.000249
2046 Feb	175	0.35	0.681	0.0122	70.7	0.0401	30	0.000993	0.000993	0.00000531	0.00517	0.000975	0.0293	0.0135	0.0000053	17.3	0.0000151	0.000249
2046 Mar	175	0.35	0.681	0.0122	70.7	0.0401	30	0.000993	0.000993	0.00000531	0.00517	0.000975	0.0293	0.0135	0.0000053	17.3	0.0000151	0.000249
2046 Apr	175	0.35	0.681	0.0122	70.7	0.0401	30	0.000993	0.000993	0.00000531	0.00517	0.000975	0.0294	0.0135	0.00000531	17.3	0.0000151	0.000249
2046 May	175	0.351	0.682	0.0122	70.8	0.0402	30.1	0.000994	0.000994	0.00000532	0.00518	0.000977	0.0294	0.0135	0.00000531	17.3	0.0000152	0.000249
2046 Jun	172	0.344	0.668	0.012	69.4	0.0397	29.6	0.000991	0.000991	0.00000529	0.0052	0.000974	0.0291	0.0134	0.00000529	17.2	0.0000153	0.000248
2046 Jul	170	0.339	0.658	0.0118	68.4	0.0394	29.2	0.000988	0.000988	0.00000528	0.00521	0.000971	0.0288	0.0134	0.00000527	17.1	0.0000153	0.000247
2046 Aug	171	0.339	0.659	0.0118	68.6	0.0396	29.3	0.000991	0.000991	0.00000529	0.00523	0.000975	0.0289	0.0134	0.00000529	17.1	0.0000153	0.000247
2046 Sep	170	0.338	0.656	0.0118	68.3	0.0396	29.3	0.00099	0.00099	0.00000528	0.00524	0.000975	0.0289	0.0134	0.00000528	17.1	0.0000153	0.000247
2046 Oct	170	0.337	0.654	0.0117	68	0.0397	29.3	0.000989	0.000989	0.00000528	0.00524	0.000975	0.0289	0.0134	0.00000527	17.1	0.0000153	0.000247
2046 Nov	170	0.337	0.654	0.0117	68	0.0397	29.3	0.000989	0.000989	0.00000528	0.00525	0.000976	0.029	0.0134	0.00000527	17.1	0.0000153	0.000247
2046 Dec	170	0.337	0.654	0.0117	68	0.0397	29.3	0.000989	0.000989	0.00000528	0.00525	0.000976	0.029	0.0134	0.00000527	17.1	0.0000153	0.000247
2047 Jan	170	0.337	0.654	0.0117	68	0.0397	29.3	0.000989	0.000989	0.00000528	0.00525	0.000976	0.029	0.0134	0.00000527	17.1	0.0000153	0.000247
2047 Feb	170	0.337	0.654	0.0117	68	0.0397	29.3	0.000989	0.000989	0.00000528	0.00525	0.000976	0.029	0.0134	0.00000527	17.1	0.0000153	0.000247
2047 Mar	170	0.337	0.654	0.0117	68	0.0397	29.3	0.000989	0.000989	0.00000528	0.00525	0.000976	0.029	0.0134	0.00000528	17.1	0.0000153	0.000247
2047 Apr	170	0.337	0.654	0.0117	68	0.0397	29.3	0.00099	0.00099	0.00000528	0.00525	0.000976	0.029	0.0134	0.00000528	17.1	0.0000153	0.000247
2047 May	170	0.337	0.653	0.0117	68	0.0397	29.3	0.00099	0.00099	0.00000528	0.00526	0.000979	0.029	0.0135	0.00000528	17.2	0.0000154	0.000247
2047 Jun	168	0.332	0.641	0.0115	67	0.0393	29	0.000987	0.000987	0.00000526	0.00527	0.000988	0.0287	0.0138	0.00000526	17.3	0.0000154	0.000249
2047 Jul	168	0.332	0.642	0.0115	67.1	0.0395	29.1	0.000991	0.000991	0.00000528	0.0053	0.000992	0.0288	0.0139	0.00000528	17.4	0.0000155	0.00025
2047 Aug	169	0.333	0.643	0.0115	67.3	0.0397	29.2	0.000995	0.000995	0.0000053	0.00532	0.000996	0.0289	0.0139	0.0000053	17.5	0.0000156	0.000251
2047 Sep	169	0.332	0.641	0.0115	67	0.0397	29.2	0.000994	0.000994	0.0000053	0.00532	0.000997	0.029	0.0139	0.0000053	17.5	0.0000156	0.000251
2047 Oct	168	0.332	0.639	0.0115	66.8	0.0398	29.2	0.000993	0.000993	0.00000529	0.00533	0.000997	0.029	0.0139	0.00000529	17.5	0.0000156	0.00025
2047 Nov	168	0.332	0.638	0.0115	66.8	0.0398	29.2	0.000993	0.000993	0.00000529	0.00533	0.000997	0.029	0.0139	0.00000529	17.5	0.0000156	0.00025
2047 Dec	168	0.332	0.638	0.0115	66.8	0.0398	29.2	0.000993	0.000993	0.00000529	0.00533	0.000997	0.029	0.0139	0.00000529	17.5	0.0000156	0.00025
2048 Jan	168	0.332	0.639	0.0115	66.8	0.0398	29.2	0.000993	0.000993	0.00000529	0.00533	0.000997	0.029	0.0139	0.00000529	17.5	0.0000156	0.00025
2048 Feb	168	0.332	0.639	0.0115	66.8	0.0398	29.2	0.000993	0.000993	0.00000529	0.00533	0.000998	0.029	0.0139	0.00000529	17.5	0.0000156	0.00025
2048 Mar	168	0.332	0.639	0.0115	66.8	0.0398	29.2	0.000993	0.000993	0.00000529	0.00533	0.000998	0.029	0.0139	0.00000529	17.5	0.0000156	0.00025
2048 Apr	168	0.332	0.639	0.0115	66.8	0.0398	29.2	0.000993	0.000993	0.00000529	0.00533	0.000998	0.029	0.0139	0.00000529	17.5	0.0000156	0.00025
2048 May	168	0.332	0.64	0.0115	66.9	0.0399	29.3	0.000995	0.000995	0.0000053	0.00534	0.000999	0.0291	0.014	0.0000053	17.5	0.0000156	0.000251
2048 Jun	166	0.326	0.627	0.0113	65.7	0.0394	28.7	0.000991	0.000991	0.00000527	0.00536	0.000994	0.0287	0.0139	0.00000527	17.3	0.0000157	0.000249
2048 Jul	164	0.321	0.618	0.0111	64.8	0.0391	28.4	0.00099	0.00099	0.00000526	0.00538	0.000991	0.0284	0.0138	0.00000526	17.2	0.0000157	0.000248
2048 Aug	164	0.321	0.617	0.0111	64.7	0.0393	28.4	0.000992	0.000992	0.00000527	0.00539	0.000994	0.0285	0.0138	0.00000527	17.3	0.0000157	0.000248
2048 Sep	164	0.32	0.616	0.0111	64.6	0.0394	28.5	0.000992	0.000992	0.00000527	0.00539	0.000996	0.0286	0.0139	0.00000527	17.3	0.0000157	0.000248
2048 Oct	163	0.32	0.614	0.0111	64.4	0.0394	28.5	0.000991	0.000991	0.00000527	0.0054	0.000996	0.0286	0.0139	0.00000527	17.3	0.0000157	0.000248
2048 Nov	163	0.32	0.614	0.0111	64.4	0.0394	28.5	0.000991	0.000991	0.00000527	0.0054	0.000996	0.0286	0.0139	0.00000527	17.3	0.0000158	0.000248
2048 Dec	163	0.32	0.614	0.0111	64.4	0.0394	28.5	0.000991	0.000991	0.00000527	0.0054	0.000996	0.0286	0.0139	0.00000527	17.3	0.0000158	0.000248
2049 Jan	163	0.32	0.614	0.0111	64.4	0.0394	28.5	0.000991	0.000991	0.00000527	0.0054	0.000996	0.0286	0.0139	0.00000527	17.3	0.0000158	0.000248
2049 Feb	163	0.32	0.614	0.0111	64.4	0.0394	28.5	0.000991	0.000991	0.00000527	0.0054	0.000996	0.0286	0.0139	0.00000527	17.3	0.0000158	0.000248
2049 Mar	163	0.32	0.614	0.0111	64.4	0.0394	28.5	0.000991	0.000991	0.00000527	0.0054	0.000997	0.0286	0.0139	0.00000527	17.3	0.0000158	0.000248
2049 Apr	164	0.32	0.614	0.0111	64.4	0.0394	28.5	0.000992	0.000992	0.00000527	0.00541	0.000997	0.0286	0.0139	0.00000527	17.3	0.0000158	0.000248
2049 May	164	0.32	0.615	0.0111	64.5	0.0395	28.5	0.000993	0.000993	0.00000528	0.00541	0.000998	0.0287	0.0139	0.00000528	17.3	0.0000158	0.000248
2049 Jun	161	0.314	0.601	0.0108	63.2	0.039	28	0.000989	0.000989	0.00000525	0.00543	0.000993	0.0282	0.0138	0.00000525	17.2	0.0000158	0.000247
2049 Jul	160	0.311	0.596	0.0108	62.7	0.0389	27.8	0.000989	0.000989	0.00000525	0.00544	0.000993	0.0281	0.0138	0.00000525	17.1	0.0000159	0.000246
2049 Aug	160	0.312	0.598	0.0108	62.9	0.0391	27.9	0.000993	0.000993	0.00000527	0.00547	0.000998	0.0283	0.0139	0.00000527	17.2	0.000016	0.000247
2049 Sep	160	0.311	0.596	0.0108	62.7	0.0391	27.9	0.000993	0.000993	0.00000527	0.00548	0.000998	0.0283	0.0139	0.00000527	17.2	0.000016	0.000247
2049 Oct	160	0.31	0.594	0.0107	62.5	0.0392	27.9	0.000992	0.000992	0.00000526	0.00548	0.000999	0.0283	0.0139	0.00000526	17.2	0.000016	0.000247
2049 Nov	160	0.31	0.593	0.0107	62.5	0.0392	28	0.000992	0.000992	0.00000526	0.00548	0.000999	0.0284	0.0139	0.00000526	17.2	0.000016	0.000247
2049 Dec	160	0.31	0.593	0.0107	62.5	0.0392	28	0.000992	0.000992	0.00000526	0.00548	0.000999	0.0284	0.0139	0.00000526	17.2	0.000016	0.000247
2050 Jan	160	0.31	0.593	0.0107	62.5	0.0392	28	0.000992	0.000992	0.00000526	0.00548	0.000999	0.0284	0.0139	0.00000526	17.2	0.000016	0.000247
2050 Feb	160	0.31	0.593	0.0107	62.5	0.0392	28	0.000992	0.000992	0.00000526	0.00548	0.000999	0.0284	0.0139	0.00000526	17.2	0.000016	0.000247
2050 Mar	160	0.31	0.593	0.0107	62.5	0.0392	28	0.000992	0.000992	0.00000526	0.00548	0.000999	0.0284	0.0139	0.00000526	17.2	0.000016	0.000247
2050 Apr	160	0.311	0.594	0.0107	62.5	0.0392	28	0.000992	0.000992	0.00000526	0.00549	0.000999	0.0284	0.0139	0.00000527	17.2	0.000016	0.000247
2050 May	160	0.311	0.594	0.0107	62.5	0.0393	28	0.000993	0.000993	0.00000527	0.00549	0.001	0.0284	0.0139	0.00000527	17.2	0.000016	0.000247
2050 Jun	158	0.305	0.583	0.0105	61.5	0.0389	27.6	0.000991	0.000991	0.00000525	0.00551	0.000999	0.028	0.0139	0.00000525	17.1	0.0000161	0.000246
2050 Jul	156	0.302	0.576	0.0104	60.8	0.0387	27.3	0.000989	0.000989	0.00000524	0.00551	0.000997	0.0278	0.0139	0.00000524	17	0.0000161	0.000245

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Aug	157	0.302	0.577	0.0104	60.9	0.0388	27.4	0.000992	0.000992	0.00000525	0.00553	0.001	0.0279	0.0139	0.00000526	17.1	0.0000161	0.000246
2050 Sep	156	0.302	0.576	0.0104	60.8	0.0389	27.4	0.000992	0.000992	0.00000525	0.00554	0.001	0.028	0.0139	0.00000526	17.1	0.0000161	0.000246
2050 Oct	157	0.302	0.576	0.0104	60.8	0.0389	27.4	0.000993	0.000993	0.00000526	0.00554	0.001	0.028	0.0139	0.00000526	17.1	0.0000161	0.000246
2050 Nov	157	0.302	0.576	0.0104	60.9	0.0389	27.5	0.000993	0.000993	0.00000526	0.00554	0.001	0.0281	0.0139	0.00000526	17.1	0.0000161	0.000246
2050 Dec	157	0.302	0.576	0.0104	60.9	0.039	27.5	0.000993	0.000993	0.00000526	0.00554	0.001	0.0281	0.0139	0.00000526	17.1	0.0000161	0.000246
2051 Jan	157	0.302	0.576	0.0104	60.9	0.039	27.5	0.000993	0.000993	0.00000526	0.00554	0.001	0.0281	0.0139	0.00000526	17.1	0.0000161	0.000246
2051 Feb	157	0.302	0.576	0.0104	60.9	0.039	27.5	0.000993	0.000993	0.00000526	0.00554	0.001	0.0281	0.0139	0.00000526	17.1	0.0000161	0.000246
2051 Mar	157	0.302	0.576	0.0104	60.9	0.039	27.5	0.000993	0.000993	0.00000526	0.00554	0.001	0.0281	0.0139	0.00000526	17.1	0.0000161	0.000246
2051 Apr	157	0.302	0.576	0.0104	60.9	0.039	27.5	0.000993	0.000993	0.00000526	0.00555	0.001	0.0281	0.0139	0.00000526	17.1	0.0000161	0.000246
2051 May	157	0.303	0.577	0.0104	60.9	0.039	27.5	0.000994	0.000994	0.00000526	0.00555	0.00101	0.0281	0.014	0.00000527	17.2	0.0000162	0.000247
2051 Jun	154	0.295	0.56	0.0102	59.4	0.0385	27.1	0.000989	0.000989	0.00000523	0.00557	0.00101	0.0278	0.0141	0.00000523	17.2	0.0000163	0.000247
2051 Jul	153	0.293	0.557	0.0101	59.1	0.0384	27	0.000989	0.000989	0.00000523	0.00558	0.00101	0.0278	0.0141	0.00000524	17.2	0.0000163	0.000247
2051 Aug	153	0.292	0.556	0.0101	59	0.0385	27	0.000991	0.000991	0.00000524	0.00559	0.00101	0.0278	0.0142	0.00000524	17.2	0.0000163	0.000247
2051 Sep	153	0.291	0.553	0.01	58.7	0.0386	26.9	0.00099	0.00099	0.00000523	0.0056	0.00101	0.0278	0.0142	0.00000524	17.2	0.0000163	0.000246
2051 Oct	152	0.289	0.547	0.00993	58.2	0.0385	26.8	0.000986	0.000986	0.00000521	0.0056	0.00101	0.0276	0.0141	0.00000522	17.2	0.0000163	0.000245
2051 Nov	152	0.289	0.546	0.00993	58.1	0.0386	26.8	0.000986	0.000986	0.00000521	0.0056	0.00101	0.0277	0.0141	0.00000522	17.2	0.0000163	0.000245
2051 Dec	152	0.289	0.546	0.00993	58.1	0.0386	26.8	0.000986	0.000986	0.00000521	0.0056	0.00101	0.0277	0.0141	0.00000522	17.2	0.0000163	0.000245
2052 Jan	152	0.289	0.546	0.00993	58.1	0.0386	26.8	0.000986	0.000986	0.00000521	0.0056	0.00101	0.0277	0.0141	0.00000522	17.2	0.0000163	0.000245
2052 Feb	152	0.289	0.546	0.00993	58.1	0.0386	26.8	0.000986	0.000986	0.00000521	0.00561	0.00101	0.0277	0.0141	0.00000522	17.2	0.0000163	0.000245
2052 Mar	152	0.289	0.547	0.00993	58.1	0.0386	26.8	0.000986	0.000986	0.00000521	0.00561	0.00101	0.0277	0.0141	0.00000522	17.2	0.0000163	0.000245
2052 Apr	152	0.289	0.547	0.00993	58.2	0.0386	26.8	0.000987	0.000987	0.00000521	0.00561	0.00101	0.0277	0.0141	0.00000522	17.2	0.0000163	0.000245
2052 May	152	0.289	0.546	0.00992	58.1	0.0386	26.8	0.000987	0.000987	0.00000521	0.00561	0.00101	0.0277	0.0142	0.00000522	17.2	0.0000163	0.000246
2052 Jun	151	0.286	0.539	0.0098	57.5	0.0383	26.5	0.000987	0.000987	0.00000521	0.00563	0.00102	0.0274	0.0144	0.00000522	17.3	0.0000164	0.000247
2052 Jul	150	0.285	0.537	0.00977	57.3	0.0384	26.5	0.000988	0.000988	0.00000521	0.00564	0.00102	0.0274	0.0144	0.00000522	17.3	0.0000164	0.000247
2052 Aug	150	0.285	0.536	0.00976	57.3	0.0385	26.5	0.00099	0.00099	0.00000522	0.00565	0.00102	0.0275	0.0144	0.00000523	17.3	0.0000164	0.000247
2052 Sep	150	0.284	0.535	0.00974	57.2	0.0386	26.5	0.00099	0.00099	0.00000522	0.00565	0.00102	0.0275	0.0144	0.00000523	17.3	0.0000164	0.000247
2052 Oct	150	0.284	0.534	0.00972	57.1	0.0386	26.6	0.00099	0.00099	0.00000522	0.00566	0.00102	0.0276	0.0144	0.00000523	17.3	0.0000164	0.000247
2052 Nov	150	0.284	0.534	0.00973	57.1	0.0386	26.6	0.00099	0.00099	0.00000522	0.00566	0.00102	0.0276	0.0144	0.00000523	17.4	0.0000164	0.000247
2052 Dec	150	0.284	0.534	0.00973	57.1	0.0386	26.6	0.00099	0.00099	0.00000522	0.00566	0.00102	0.0276	0.0145	0.00000523	17.4	0.0000164	0.000247
2053 Jan	150	0.284	0.534	0.00973	57.1	0.0386	26.6	0.00099	0.00099	0.00000522	0.00566	0.00102	0.0276	0.0145	0.00000523	17.4	0.0000164	0.000247
2053 Feb	150	0.284	0.534	0.00973	57.1	0.0386	26.6	0.00099	0.00099	0.00000522	0.00566	0.00102	0.0276	0.0145	0.00000523	17.4	0.0000164	0.000247
2053 Mar	150	0.284	0.534	0.00973	57.1	0.0386	26.6	0.00099	0.00099	0.00000522	0.00566	0.00102	0.0276	0.0145	0.00000523	17.4	0.0000164	0.000247
2053 Apr	150	0.284	0.535	0.00973	57.2	0.0387	26.6	0.000991	0.000991	0.00000522	0.00566	0.00102	0.0276	0.0145	0.00000523	17.4	0.0000164	0.000247
2053 May	150	0.283	0.532	0.0097	57	0.0387	26.7	0.000991	0.000991	0.00000523	0.00567	0.00103	0.0277	0.0146	0.00000524	17.5	0.0000165	0.000248
2053 Jun	149	0.278	0.521	0.0095	56	0.0383	26.4	0.000987	0.000987	0.0000052	0.00568	0.00104	0.0274	0.0149	0.00000521	17.7	0.0000165	0.00025
2053 Jul	149	0.278	0.521	0.0095	56.1	0.0383	26.4	0.00099	0.00099	0.00000521	0.0057	0.00104	0.0274	0.015	0.00000522	17.7	0.0000166	0.000251
2053 Aug	149	0.279	0.522	0.00952	56.2	0.0385	26.5	0.000993	0.000993	0.00000523	0.00572	0.00105	0.0276	0.015	0.00000524	17.8	0.0000166	0.000252
2053 Sep	150	0.279	0.523	0.00953	56.3	0.0387	26.7	0.000995	0.000995	0.00000524	0.00574	0.00105	0.0278	0.0151	0.00000526	17.8	0.0000167	0.000252
2053 Oct	150	0.279	0.523	0.00953	56.3	0.0388	26.8	0.000996	0.000996	0.00000524	0.00574	0.00105	0.0279	0.0151	0.00000526	17.9	0.0000167	0.000252
2053 Nov	150	0.279	0.523	0.00953	56.3	0.0388	26.8	0.000996	0.000996	0.00000524	0.00574	0.00105	0.0279	0.0151	0.00000526	17.9	0.0000167	0.000252
2053 Dec	150	0.279	0.523	0.00953	56.3	0.0388	26.8	0.000996	0.000996	0.00000524	0.00574	0.00105	0.0279	0.0151	0.00000526	17.9	0.0000167	0.000252
2054 Jan	150	0.279	0.523	0.00953	56.3	0.0388	26.8	0.000996	0.000996	0.00000524	0.00574	0.00105	0.0279	0.0151	0.00000526	17.9	0.0000167	0.000252
2054 Feb	150	0.279	0.523	0.00953	56.3	0.0388	26.8	0.000996	0.000996	0.00000524	0.00574	0.00105	0.0279	0.0151	0.00000526	17.9	0.0000167	0.000252
2054 Mar	150	0.279	0.523	0.00953	56.3	0.0388	26.8	0.000996	0.000996	0.00000524	0.00574	0.00105	0.0279	0.0151	0.00000526	17.9	0.0000167	0.000252
2054 Apr	150	0.279	0.523	0.00954	56.3	0.0388	26.8	0.000996	0.000996	0.00000525	0.00575	0.00105	0.0279	0.0151	0.00000526	17.9	0.0000167	0.000252
2054 May	150	0.279	0.523	0.00953	56.3	0.0388	26.8	0.000997	0.000997	0.00000525	0.00575	0.00105	0.0279	0.0151	0.00000527	17.9	0.0000168	0.000253
2054 Jun	148	0.274	0.511	0.00934	55.3	0.0384	26.4	0.000993	0.000993	0.00000522	0.00575	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000253
2054 Jul	147	0.272	0.508	0.00928	54.9	0.0383	26.3	0.000992	0.000992	0.00000522	0.00576	0.00106	0.0274	0.0153	0.00000523	17.9	0.0000168	0.000253
2054 Aug	147	0.272	0.507	0.00926	54.9	0.0384	26.3	0.000993	0.000993	0.00000522	0.00576	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000253
2054 Sep	147	0.271	0.506	0.00925	54.8	0.0385	26.3	0.000994	0.000994	0.00000523	0.00577	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000253
2054 Oct	147	0.271	0.504	0.00922	54.6	0.0385	26.2	0.000993	0.000993	0.00000522	0.00577	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000253
2054 Nov	147	0.271	0.504	0.00921	54.6	0.0385	26.2	0.000993	0.000993	0.00000522	0.00577	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000252
2054 Dec	147	0.271	0.504	0.00921	54.6	0.0385	26.2	0.000993	0.000993	0.00000522	0.00577	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000252
2055 Jan	147	0.271	0.504	0.00921	54.6	0.0385	26.2	0.000993	0.000993	0.00000522	0.00577	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000252
2055 Feb	147	0.271	0.504	0.00921	54.6	0.0385	26.2	0.000993	0.000993	0.00000522	0.00577	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000252
2055 Mar	147	0.271	0.504	0.00921	54.6	0.0385	26.2	0.000993	0.000993	0.00000522	0.00577	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000253
2055 Apr	147	0.271	0.504	0.00922	54.6	0.0385	26.3	0.000993	0.000993	0.00000522	0.00578	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000253
2055 May	147	0.271	0.504	0.00923	54.7	0.0385	26.3	0.000994	0.000994	0.00000523	0.00578	0.00106	0.0275	0.0153	0.00000524	17.9	0.0000168	0.000253
2055 Jun	144	0.265	0.493	0.00903	53.5	0.0381	25.8	0.00099	0.00099	0.0000052	0.00579	0.00105	0.0272	0.0152	0.00000522	17.7	0.0000168	0.000251
2055 Jul	143	0.263	0.488	0.00896	53.1	0.038	25.6	0.000991	0.000991	0.0000052	0.00581	0.00105	0.027	0.0151	0.00000522	17.7	0.0000169	0.00025
2055 Aug	144	0.263	0.489	0.00898	53.2	0.0381	25.7	0.000994	0.000994	0.00000522	0.00582	0.00106	0.0271	0.0152	0.00000523	17.7	0.0000169	0.000251
2055 Sep	143	0.263	0.488	0.00896	53.1	0.0381	25.7	0.000994	0.000994	0.00000522	0.00583	0.00106	0.0271	0.0152	0.00000523	17.7	0.0000169	0.000251
2055 Oct	143	0.263	0.488	0.00896	53.1	0.0382	25.7	0.000994	0.000994	0.00000522	0.00583	0.00106	0.0272	0.0152	0.00000524	17.7	0.0000169	0.000251
2055 Nov	143	0.263	0.488	0.00896	53.1	0.0382	25.7	0.000994	0.000994	0.00000522	0.00584	0.00106	0.0272	0.0152	0.00000524	17.7	0.0000169	0.000251
2055 Dec	143	0.263	0.488	0.00896	53.1	0.0382	25.7	0.000994	0.000994	0.00000522	0.00584	0.00106	0.0272	0.0152	0.00000524	17.7	0.0000169	0.000251
2056 Jan	143	0.263	0.488	0.00896	53.1	0.0382	25.7	0.000994	0.000994	0.00000522	0.00584	0.00106	0.0272	0.0152	0.00000524	17.7	0.0000169	0.000251
2056 Feb	143	0.263	0.488	0.00896	53.1	0.0382	25.7	0.000994	0.000994	0.00000522	0.00584	0.00106	0.0272	0.0152	0.00000524	17.7	0.0000169	0.000251

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Mar	143	0.263	0.488	0.00896	53.1	0.0382	25.7	0.000994	0.000994	0.00000522	0.00584	0.00106	0.0272	0.0152	0.00000524	17.8	0.0000169	0.000251
2056 Apr	144	0.263	0.488	0.00896	53.1	0.0382	25.8	0.000995	0.000995	0.00000522	0.00584	0.00106	0.0272	0.0152	0.00000524	17.8	0.0000169	0.000251
2056 May	143	0.262	0.487	0.00894	53	0.0382	25.7	0.000996	0.000996	0.00000523	0.00585	0.00106	0.0272	0.0153	0.00000524	17.8	0.000017	0.000252
2056 Jun	142	0.258	0.477	0.00877	52.2	0.0377	25.3	0.000992	0.000992	0.0000052	0.00584	0.00107	0.0267	0.0156	0.00000522	17.9	0.000017	0.000253
2056 Jul	142	0.258	0.477	0.00877	52.3	0.0379	25.3	0.000995	0.000995	0.00000522	0.00586	0.00107	0.0268	0.0156	0.00000523	18	0.000017	0.000254
2056 Aug	142	0.258	0.477	0.00877	52.2	0.038	25.4	0.000997	0.000997	0.00000523	0.00587	0.00107	0.0269	0.0157	0.00000524	18	0.0000171	0.000254
2056 Sep	142	0.258	0.477	0.00878	52.3	0.0381	25.5	0.000999	0.000999	0.00000524	0.00589	0.00108	0.027	0.0157	0.00000525	18.1	0.0000171	0.000255
2056 Oct	142	0.258	0.476	0.00875	52.1	0.0381	25.5	0.000998	0.000998	0.00000523	0.00589	0.00107	0.027	0.0157	0.00000525	18	0.0000171	0.000254
2056 Nov	142	0.258	0.475	0.00875	52.1	0.0381	25.5	0.000998	0.000998	0.00000523	0.00589	0.00107	0.027	0.0157	0.00000525	18.1	0.0000171	0.000254
2056 Dec	142	0.258	0.475	0.00875	52.1	0.0381	25.5	0.000998	0.000998	0.00000523	0.00589	0.00108	0.027	0.0157	0.00000525	18.1	0.0000171	0.000254
2057 Jan	142	0.258	0.475	0.00875	52.1	0.0381	25.5	0.000998	0.000998	0.00000523	0.00589	0.00108	0.027	0.0157	0.00000525	18.1	0.0000171	0.000254
2057 Feb	142	0.258	0.475	0.00875	52.1	0.0381	25.5	0.000998	0.000998	0.00000523	0.00589	0.00108	0.027	0.0157	0.00000525	18.1	0.0000171	0.000254
2057 Mar	142	0.258	0.475	0.00875	52.1	0.0381	25.5	0.000998	0.000998	0.00000523	0.00589	0.00108	0.027	0.0157	0.00000525	18.1	0.0000171	0.000254
2057 Apr	142	0.258	0.476	0.00875	52.1	0.0381	25.5	0.000998	0.000998	0.00000523	0.00589	0.00108	0.027	0.0157	0.00000525	18.1	0.0000171	0.000255
2057 May	142	0.258	0.476	0.00876	52.2	0.0382	25.5	0.000999	0.000999	0.00000524	0.0059	0.00108	0.027	0.0157	0.00000526	18.1	0.0000171	0.000255
2057 Jun	140	0.253	0.465	0.00857	51.2	0.0377	25	0.000995	0.000995	0.00000521	0.0059	0.00108	0.0266	0.0158	0.00000523	18.1	0.0000171	0.000255
2057 Jul	140	0.252	0.464	0.00855	51.1	0.0377	25	0.000997	0.000997	0.00000522	0.00592	0.00108	0.0266	0.0158	0.00000524	18.1	0.0000172	0.000255
2057 Aug	141	0.253	0.466	0.00859	51.3	0.0379	25.1	0.001	0.001	0.00000525	0.00595	0.00108	0.0268	0.0159	0.00000527	18.2	0.0000173	0.000256
2057 Sep	141	0.253	0.466	0.00859	51.4	0.0381	25.2	0.001	0.001	0.00000526	0.00597	0.00109	0.0269	0.016	0.00000528	18.2	0.0000173	0.000257
2057 Oct	141	0.253	0.465	0.00858	51.3	0.0381	25.3	0.001	0.001	0.00000526	0.00597	0.00109	0.0269	0.016	0.00000527	18.2	0.0000173	0.000257
2057 Nov	141	0.253	0.465	0.00858	51.3	0.0381	25.3	0.001	0.001	0.00000526	0.00597	0.00109	0.027	0.016	0.00000528	18.2	0.0000173	0.000257
2057 Dec	141	0.253	0.465	0.00858	51.3	0.0381	25.3	0.001	0.001	0.00000526	0.00597	0.00109	0.027	0.016	0.00000528	18.2	0.0000173	0.000257
2058 Jan	141	0.253	0.465	0.00858	51.3	0.0381	25.3	0.001	0.001	0.00000526	0.00597	0.00109	0.027	0.016	0.00000528	18.2	0.0000173	0.000257
2058 Feb	141	0.253	0.465	0.00858	51.3	0.0381	25.3	0.001	0.001	0.00000526	0.00597	0.00109	0.027	0.016	0.00000528	18.2	0.0000173	0.000257
2058 Mar	141	0.253	0.465	0.00858	51.3	0.0381	25.3	0.001	0.001	0.00000526	0.00597	0.00109	0.027	0.016	0.00000528	18.2	0.0000173	0.000257
2058 Apr	141	0.253	0.465	0.00859	51.3	0.0381	25.3	0.001	0.001	0.00000526	0.00597	0.00109	0.027	0.016	0.00000528	18.2	0.0000173	0.000257
2058 May	141	0.253	0.464	0.00856	51.2	0.0382	25.4	0.001	0.001	0.00000526	0.00598	0.00109	0.0271	0.0161	0.00000528	18.3	0.0000174	0.000258
2058 Jun	139	0.246	0.45	0.00831	50	0.0376	25	0.000997	0.000997	0.00000521	0.00596	0.0011	0.0267	0.0165	0.00000523	18.5	0.0000174	0.00026
2058 Jul	139	0.246	0.448	0.00829	49.9	0.0376	25	0.000999	0.000999	0.00000522	0.00598	0.00111	0.0267	0.0165	0.00000524	18.6	0.0000175	0.000261
2058 Aug	139	0.246	0.449	0.00831	50	0.0378	25.1	0.001	0.001	0.00000524	0.006	0.00111	0.0268	0.0166	0.00000526	18.6	0.0000175	0.000261
2058 Sep	139	0.246	0.448	0.00828	49.9	0.0378	25.1	0.001	0.001	0.00000524	0.00601	0.00111	0.0269	0.0166	0.00000526	18.7	0.0000175	0.000261
2058 Oct	139	0.245	0.447	0.00827	49.8	0.0379	25.2	0.001	0.001	0.00000524	0.00601	0.00111	0.0269	0.0166	0.00000526	18.7	0.0000175	0.000261
2058 Nov	139	0.245	0.447	0.00827	49.8	0.0379	25.2	0.001	0.001	0.00000524	0.00601	0.00111	0.0269	0.0166	0.00000526	18.7	0.0000176	0.000261
2058 Dec	139	0.245	0.447	0.00827	49.8	0.0379	25.2	0.001	0.001	0.00000524	0.00601	0.00111	0.0269	0.0166	0.00000526	18.7	0.0000176	0.000261
2059 Jan	139	0.245	0.447	0.00827	49.8	0.0379	25.2	0.001	0.001	0.00000524	0.00601	0.00111	0.0269	0.0166	0.00000526	18.7	0.0000176	0.000261
2059 Feb	139	0.245	0.447	0.00827	49.8	0.0379	25.2	0.001	0.001	0.00000524	0.00601	0.00111	0.0269	0.0166	0.00000526	18.7	0.0000176	0.000261
2059 Mar	139	0.245	0.447	0.00827	49.8	0.0379	25.2	0.001	0.001	0.00000524	0.00601	0.00111	0.0269	0.0166	0.00000526	18.7	0.0000176	0.000261
2059 Apr	139	0.245	0.447	0.00827	49.8	0.0379	25.2	0.001	0.001	0.00000524	0.00602	0.00111	0.0269	0.0166	0.00000526	18.7	0.0000176	0.000261
2059 May	139	0.245	0.446	0.00826	49.8	0.0379	25.2	0.001	0.001	0.00000524	0.00602	0.00111	0.0269	0.0167	0.00000526	18.7	0.0000176	0.000262
2059 Jun	138	0.243	0.44	0.00816	49.3	0.0377	25	0.001	0.001	0.00000523	0.00603	0.00112	0.0267	0.0169	0.00000526	18.9	0.0000176	0.000263
2059 Jul	139	0.244	0.442	0.00819	49.5	0.0379	25.1	0.00101	0.00101	0.00000526	0.00606	0.00113	0.0269	0.017	0.00000528	18.9	0.0000177	0.000265
2059 Aug	139	0.244	0.443	0.00822	49.7	0.0381	25.2	0.00101	0.00101	0.00000528	0.00609	0.00113	0.027	0.017	0.00000531	19	0.0000178	0.000266
2059 Sep	139	0.244	0.443	0.00821	49.7	0.0381	25.2	0.00101	0.00101	0.00000529	0.0061	0.00113	0.027	0.0171	0.00000531	19	0.0000178	0.000266
2059 Oct	139	0.243	0.439	0.00814	49.3	0.0381	25.1	0.00101	0.00101	0.00000527	0.0061	0.00113	0.0269	0.017	0.00000529	19	0.0000178	0.000265
2059 Nov	138	0.243	0.439	0.00814	49.3	0.0381	25.1	0.00101	0.00101	0.00000527	0.0061	0.00113	0.0269	0.017	0.00000529	19	0.0000178	0.000265
2059 Dec	138	0.243	0.439	0.00814	49.3	0.0381	25.1	0.00101	0.00101	0.00000527	0.0061	0.00113	0.0269	0.017	0.00000529	19	0.0000178	0.000265
2060 Jan	138	0.243	0.439	0.00814	49.3	0.0381	25.1	0.00101	0.00101	0.00000527	0.0061	0.00113	0.0269	0.017	0.00000529	19	0.0000178	0.000265
2060 Feb	138	0.243	0.439	0.00814	49.3	0.0381	25.1	0.00101	0.00101	0.00000527	0.0061	0.00113	0.0269	0.017	0.00000529	19	0.0000178	0.000265
2060 Mar	139	0.243	0.439	0.00814	49.3	0.0381	25.1	0.00101	0.00101	0.00000527	0.0061	0.00113	0.0269	0.017	0.00000529	19	0.0000178	0.000265
2060 Apr	139	0.243	0.439	0.00814	49.3	0.0381	25.1	0.00101	0.00101	0.00000527	0.0061	0.00113	0.0269	0.017	0.00000529	19	0.0000178	0.000265
2060 May	138	0.242	0.436	0.00809	49.1	0.0381	25.1	0.00101	0.00101	0.00000527	0.00611	0.00113	0.0269	0.0172	0.00000529	19.1	0.0000178	0.000266
2060 Jun	137	0.238	0.428	0.00795	48.4	0.0377	24.7	0.00101	0.00101	0.00000525	0.0061	0.00114	0.0265	0.0174	0.00000527	19.2	0.0000178	0.000267
2060 Jul	137	0.239	0.429	0.00797	48.6	0.0378	24.8	0.00101	0.00101	0.00000527	0.00613	0.00115	0.0266	0.0175	0.00000529	19.3	0.0000179	0.000268
2060 Aug	138	0.239	0.429	0.00797	48.6	0.0379	24.8	0.00101	0.00101	0.00000528	0.00614	0.00115	0.0267	0.0175	0.00000531	19.3	0.0000179	0.000269
2060 Sep	137	0.237	0.425	0.00791	48.2	0.0379	24.7	0.00101	0.00101	0.00000527	0.00613	0.00115	0.0266	0.0175	0.00000529	19.3	0.0000178	0.000268
2060 Oct	137	0.236	0.424	0.00788	48.1	0.038	24.8	0.00101	0.00101	0.00000526	0.00614	0.00115	0.0267	0.0175	0.00000529	19.3	0.0000178	0.000268
2060 Nov	136	0.236	0.423	0.00788	48	0.038	24.8	0.00101	0.00101	0.00000526	0.00614	0.00115	0.0267	0.0175	0.00000529	19.3	0.0000178	0.000267
2060 Dec	137	0.236	0.423	0.00788	48	0.038	24.8	0.00101	0.00101	0.00000526	0.00614	0.00115	0.0267	0.0175	0.00000529	19.3	0.0000178	0.000267
2061 Jan	137	0.236	0.423	0.00788	48	0.038	24.8	0.00101	0.00101	0.00000526	0.00614	0.00115	0.0267	0.0175	0.00000529	19.3	0.0000178	0.000267
2061 Feb	137	0.236	0.423	0.00788	48	0.038	24.8	0.00101	0.00101	0.00000526	0.00614	0.00115	0.0267	0.0175	0.00000529	19.3	0.0000178	0.000267
2061 Mar	137	0.236	0.423	0.00788	48	0.038	24.8	0.00101	0.00101	0.00000526	0.00614	0.00115	0.0267	0.0175	0.00000529	19.3	0.0000178	0.000267
2061 Apr	137	0.236	0.423	0.00788	48.1	0.038	24.8	0.00101	0.00101	0.00000526	0.00614	0.00115	0.0267	0.0175	0.00000529	19.3	0.0000178	0.000268
2061 May	136	0.235	0.421	0.00783	47.9	0.038	24.7	0.00101	0.00101	0.00000526	0.00615	0.00115	0.0266	0.0177	0.00000529	19.4	0.0000179	0.000269
2061 Jun	135	0.231	0.411	0.00766	47.1	0.0375	24.4	0.001	0.001	0.00000523	0.00613	0.00115	0.0263	0.0179	0.00000525	19.5	0.0000179	0.00027
2061 Jul	135	0.231	0.412	0.00768	47.2	0.0376	24.4	0.00101	0.00101	0.00000525	0.00616	0.00116	0.0264	0.0179	0.00000528	19.5	0.0000179	0.000271
2061 Aug	136	0.232	0.413	0.0077	47.3	0.0378	24.5	0.00101	0.00101	0.00000527	0.00618	0.00116	0.0265	0.018	0.0000053	19.6	0.000018	0.000272
2061 Sep	136	0.232	0.412	0.0077	47.3	0.0379	24.6	0.00101	0.00101	0.00000527	0.00619	0.00117	0.0266	0.018	0.0000053	19.6	0.000018	0.000272

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Oct	135	0.231	0.41	0.00765	47	0.0379	24.6	0.00101	0.00101	0.00000526	0.00619	0.00116	0.0265	0.018	0.00000529	19.6	0.000018	0.000271
2061 Nov	135	0.23	0.409	0.00764	46.9	0.0379	24.5	0.00101	0.00101	0.00000526	0.00619	0.00116	0.0265	0.018	0.00000528	19.6	0.000018	0.000271
2061 Dec	135	0.23	0.409	0.00764	46.9	0.0379	24.6	0.00101	0.00101	0.00000526	0.00619	0.00116	0.0265	0.018	0.00000528	19.6	0.000018	0.000271
2062 Jan	135	0.23	0.409	0.00764	46.9	0.0379	24.6	0.00101	0.00101	0.00000526	0.00619	0.00116	0.0265	0.018	0.00000528	19.6	0.000018	0.000271
2062 Feb	135	0.23	0.409	0.00764	46.9	0.0379	24.6	0.00101	0.00101	0.00000526	0.00619	0.00116	0.0265	0.018	0.00000528	19.6	0.000018	0.000271
2062 Mar	135	0.231	0.409	0.00764	46.9	0.0379	24.6	0.00101	0.00101	0.00000526	0.00619	0.00116	0.0265	0.018	0.00000528	19.6	0.000018	0.000271
2062 Apr	135	0.231	0.409	0.00764	47	0.0379	24.6	0.00101	0.00101	0.00000526	0.00619	0.00116	0.0266	0.018	0.00000528	19.6	0.000018	0.000271
2062 May	135	0.231	0.409	0.00765	47	0.0379	24.6	0.00101	0.00101	0.00000526	0.00619	0.00116	0.0266	0.018	0.00000529	19.6	0.000018	0.000271
2062 Jun	133	0.227	0.402	0.00751	46.2	0.0376	24.2	0.00101	0.00101	0.00000524	0.0062	0.00116	0.0262	0.0178	0.00000527	19.4	0.000018	0.000269
2062 Jul	132	0.224	0.397	0.00744	45.8	0.0374	24	0.00101	0.00101	0.00000524	0.00621	0.00115	0.0261	0.0178	0.00000527	19.3	0.0000181	0.000268
2062 Aug	132	0.224	0.396	0.00742	45.6	0.0375	23.9	0.00101	0.00101	0.00000524	0.00621	0.00115	0.0261	0.0178	0.00000527	19.3	0.000018	0.000268
2062 Sep	132	0.223	0.394	0.00739	45.5	0.0375	23.9	0.00101	0.00101	0.00000524	0.00621	0.00115	0.0261	0.0177	0.00000527	19.3	0.000018	0.000268
2062 Oct	131	0.221	0.39	0.00732	45.1	0.0375	23.8	0.001	0.001	0.00000522	0.00621	0.00115	0.026	0.0177	0.00000524	19.2	0.0000179	0.000266
2062 Nov	131	0.221	0.39	0.00732	45.1	0.0375	23.8	0.001	0.001	0.00000522	0.00621	0.00115	0.026	0.0177	0.00000524	19.2	0.0000179	0.000266
2062 Dec	131	0.221	0.39	0.00732	45.1	0.0375	23.8	0.001	0.001	0.00000522	0.00621	0.00115	0.026	0.0177	0.00000525	19.2	0.0000179	0.000266
2063 Jan	131	0.221	0.39	0.00732	45.1	0.0375	23.8	0.001	0.001	0.00000522	0.00621	0.00115	0.026	0.0177	0.00000525	19.2	0.0000179	0.000266
2063 Feb	131	0.221	0.39	0.00732	45.1	0.0375	23.8	0.001	0.001	0.00000522	0.00621	0.00115	0.026	0.0177	0.00000525	19.2	0.0000179	0.000266
2063 Mar	131	0.221	0.39	0.00732	45.1	0.0375	23.8	0.001	0.001	0.00000522	0.00621	0.00115	0.026	0.0177	0.00000525	19.2	0.0000179	0.000266
2063 Apr	131	0.221	0.39	0.00732	45.1	0.0375	23.8	0.001	0.001	0.00000522	0.00621	0.00115	0.026	0.0177	0.00000525	19.2	0.0000179	0.000266
2063 May	131	0.221	0.389	0.0073	45	0.0375	23.8	0.001	0.001	0.00000522	0.00622	0.00115	0.026	0.0178	0.00000525	19.3	0.000018	0.000267
2063 Jun	128	0.214	0.375	0.00705	43.8	0.0367	23.1	0.000995	0.000995	0.00000517	0.00619	0.00115	0.0253	0.018	0.0000052	19.3	0.0000179	0.000267
2063 Jul	127	0.213	0.373	0.00702	43.6	0.0366	23	0.000995	0.000995	0.00000517	0.00619	0.00115	0.0253	0.0179	0.00000519	19.2	0.0000179	0.000267
2063 Aug	128	0.214	0.374	0.00704	43.7	0.0368	23.1	0.000999	0.000999	0.00000519	0.00622	0.00116	0.0254	0.018	0.00000521	19.3	0.000018	0.000268
2063 Sep	128	0.213	0.373	0.00703	43.6	0.0369	23.1	0.001	0.001	0.00000519	0.00622	0.00116	0.0254	0.018	0.00000522	19.3	0.000018	0.000268
2063 Oct	128	0.213	0.371	0.007	43.5	0.0369	23.1	0.000999	0.000999	0.00000518	0.00622	0.00116	0.0254	0.018	0.00000521	19.3	0.000018	0.000267
2063 Nov	128	0.213	0.371	0.007	43.5	0.0369	23.1	0.000999	0.000999	0.00000518	0.00622	0.00116	0.0254	0.018	0.00000521	19.3	0.000018	0.000267
2063 Dec	128	0.213	0.371	0.007	43.5	0.0369	23.1	0.000999	0.000999	0.00000518	0.00622	0.00116	0.0254	0.018	0.00000521	19.3	0.000018	0.000267
2064 Jan	128	0.213	0.371	0.007	43.5	0.0369	23.1	0.000999	0.000999	0.00000518	0.00622	0.00116	0.0254	0.018	0.00000521	19.3	0.000018	0.000267
2064 Feb	128	0.213	0.371	0.007	43.5	0.0369	23.1	0.000999	0.000999	0.00000518	0.00622	0.00116	0.0254	0.018	0.00000521	19.3	0.000018	0.000267
2064 Mar	128	0.213	0.371	0.007	43.5	0.0369	23.1	0.000999	0.000999	0.00000518	0.00622	0.00116	0.0254	0.018	0.00000521	19.3	0.000018	0.000267
2064 Apr	128	0.213	0.371	0.007	43.5	0.037	23.1	0.000999	0.000999	0.00000519	0.00623	0.00116	0.0255	0.018	0.00000521	19.3	0.000018	0.000267
2064 May	127	0.212	0.369	0.00697	43.4	0.0369	23.1	0.000999	0.000999	0.00000518	0.00623	0.00116	0.0254	0.0181	0.00000521	19.4	0.000018	0.000268
2064 Jun	126	0.208	0.36	0.0068	42.6	0.0364	22.7	0.000993	0.000993	0.00000515	0.00621	0.00117	0.025	0.0184	0.00000518	19.5	0.000018	0.00027
2064 Jul	126	0.207	0.359	0.0068	42.6	0.0365	22.8	0.000996	0.000996	0.00000516	0.00623	0.00117	0.0251	0.0185	0.00000519	19.6	0.0000181	0.000271
2064 Aug	126	0.207	0.359	0.00679	42.5	0.0366	22.8	0.000997	0.000997	0.00000517	0.00624	0.00117	0.0251	0.0185	0.0000052	19.6	0.0000181	0.000271
2064 Sep	126	0.206	0.357	0.00675	42.3	0.0366	22.8	0.000996	0.000996	0.00000516	0.00623	0.00117	0.0251	0.0185	0.00000519	19.6	0.000018	0.00027
2064 Oct	126	0.206	0.356	0.00674	42.3	0.0367	22.8	0.000996	0.000996	0.00000516	0.00624	0.00117	0.0252	0.0185	0.00000519	19.6	0.000018	0.00027
2064 Nov	126	0.206	0.356	0.00675	42.3	0.0367	22.9	0.000997	0.000997	0.00000517	0.00624	0.00117	0.0252	0.0185	0.00000519	19.6	0.000018	0.00027
2064 Dec	126	0.206	0.356	0.00675	42.3	0.0367	22.9	0.000997	0.000997	0.00000517	0.00624	0.00117	0.0252	0.0185	0.0000052	19.6	0.000018	0.00027
2065 Jan	126	0.206	0.356	0.00675	42.3	0.0367	22.9	0.000997	0.000997	0.00000517	0.00624	0.00117	0.0252	0.0185	0.0000052	19.6	0.000018	0.00027
2065 Feb	126	0.206	0.356	0.00675	42.3	0.0367	22.9	0.000997	0.000997	0.00000517	0.00624	0.00117	0.0252	0.0185	0.0000052	19.6	0.000018	0.00027
2065 Mar	126	0.206	0.356	0.00675	42.3	0.0367	22.9	0.000997	0.000997	0.00000517	0.00624	0.00117	0.0252	0.0185	0.0000052	19.6	0.000018	0.00027
2065 Apr	126	0.206	0.356	0.00675	42.3	0.0368	22.9	0.000997	0.000997	0.00000517	0.00625	0.00117	0.0252	0.0185	0.0000052	19.6	0.000018	0.00027
2065 May	126	0.206	0.355	0.00673	42.2	0.0367	22.9	0.000998	0.000998	0.00000517	0.00625	0.00118	0.0253	0.0186	0.0000052	19.7	0.0000181	0.000271
2065 Jun	124	0.202	0.347	0.0066	41.6	0.0363	22.5	0.000993	0.000993	0.00000515	0.00624	0.00118	0.0249	0.0188	0.00000517	19.7	0.0000181	0.000272
2065 Jul	125	0.203	0.348	0.00661	41.7	0.0364	22.6	0.000997	0.000997	0.00000517	0.00627	0.00118	0.025	0.0188	0.0000052	19.8	0.0000182	0.000273
2065 Aug	125	0.203	0.349	0.00662	41.8	0.0366	22.7	0.001	0.001	0.00000519	0.00629	0.00119	0.0251	0.0189	0.00000522	19.9	0.0000182	0.000274
2065 Sep	125	0.202	0.346	0.00658	41.5	0.0366	22.6	0.000999	0.000999	0.00000518	0.00629	0.00119	0.0251	0.0188	0.0000052	19.8	0.0000182	0.000273
2065 Oct	124	0.2	0.342	0.00651	41.1	0.0366	22.5	0.000995	0.000995	0.00000515	0.00628	0.00118	0.025	0.0187	0.00000518	19.8	0.0000181	0.000271
2065 Nov	124	0.2	0.341	0.0065	41.1	0.0367	22.5	0.000995	0.000995	0.00000515	0.00629	0.00118	0.025	0.0187	0.00000518	19.7	0.0000181	0.000271
2065 Dec	124	0.2	0.341	0.0065	41.1	0.0367	22.5	0.000995	0.000995	0.00000515	0.00629	0.00118	0.025	0.0187	0.00000518	19.8	0.0000181	0.000271
2066 Jan	124	0.2	0.341	0.0065	41.1	0.0367	22.5	0.000995	0.000995	0.00000515	0.00629	0.00118	0.025	0.0187	0.00000518	19.8	0.0000181	0.000271
2066 Feb	124	0.2	0.341	0.0065	41.1	0.0367	22.5	0.000995	0.000995	0.00000515	0.00629	0.00118	0.025	0.0187	0.00000518	19.8	0.0000181	0.000271
2066 Mar	124	0.2	0.341	0.0065	41.1	0.0367	22.5	0.000995	0.000995	0.00000515	0.00629	0.00118	0.025	0.0187	0.00000518	19.8	0.0000181	0.000271
2066 Apr	124	0.2	0.341	0.0065	41.1	0.0367	22.5	0.000995	0.000995	0.00000515	0.00629	0.00118	0.025	0.0187	0.00000518	19.8	0.0000181	0.000271
2066 May	124	0.201	0.342	0.0065	41.1	0.0367	22.5	0.000996	0.000996	0.00000516	0.0063	0.00118	0.025	0.0188	0.00000519	19.8	0.0000181	0.000271
2066 Jun	122	0.196	0.333	0.00635	40.3	0.0362	22.1	0.000991	0.000991	0.00000513	0.00628	0.00118	0.0246	0.0188	0.00000516	19.7	0.0000181	0.00027
2066 Jul	122	0.196	0.333	0.00635	40.3	0.0363	22.1	0.000996	0.000996	0.00000515	0.00632	0.00118	0.0247	0.0188	0.00000518	19.7	0.0000182	0.000271
2066 Aug	122	0.196	0.333	0.00637	40.4	0.0365	22.2	0.000999	0.000999	0.00000517	0.00634	0.00119	0.0248	0.0189	0.0000052	19.8	0.0000183	0.000272
2066 Sep	122	0.196	0.333	0.00635	40.3	0.0365	22.2	0.001	0.001	0.00000517	0.00635	0.00119	0.0248	0.0189	0.0000052	19.8	0.0000183	0.000272
2066 Oct	122	0.196	0.331	0.00632	40.1	0.0366	22.2	0.000998	0.000998	0.00000516	0.00635	0.00119	0.0248	0.0188	0.00000519	19.8	0.0000182	0.000271
2066 Nov	122	0.195	0.33	0.00632	40.1	0.0366	22.2	0.000998	0.000998	0.00000516	0.00635	0.00119	0.0248	0.0188	0.00000519	19.8	0.0000182	0.000271
2066 Dec	122	0.195	0.331	0.00632	40.1	0.0366	22.2	0.000998	0.000998	0.00000516	0.00635	0.00119	0.0248	0.0188	0.00000519	19.8	0.0000182	0.000271
2067 Jan	122	0.195	0.331	0.00632	40.1	0.0366	22.2	0.000998	0.000998	0.00000516	0.00635	0.00119	0.0248	0.0188	0.00000519	19.8	0.0000182	0.000271
2067 Feb	122	0.195	0.331	0.00632	40.1	0.0366	22.2	0.000998	0.000998	0.00000516	0.00635	0.00119	0.0248	0.0188	0.00000519	19.8	0.0000182	0.000271
2067 Mar	122	0.195	0.331	0.00632	40.1	0.0366	22.2	0.000998	0.000998	0.00000516	0.00635	0.00119	0.0248	0.0188	0.00000519	19.8	0.0000182	0.000271
2067 Apr	122	0.195	0.331	0.00632	40.1	0.0366	22.2	0.000998	0.000998	0.00000516	0.00635	0.00119	0.0248	0.0188	0.00000519	19.8	0.0000182	0.000271

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 May	122	0.195	0.33	0.00631	40.1	0.0366	22.2	0.000999	0.000999	0.00000517	0.00636	0.00119	0.0248	0.0189	0.0000052	19.8	0.0000183	0.000272
2067 Jun	121	0.192	0.324	0.00621	39.6	0.0362	21.9	0.000996	0.000996	0.00000515	0.00635	0.00119	0.0245	0.0191	0.00000518	19.9	0.0000183	0.000273
2067 Jul	121	0.193	0.325	0.00622	39.7	0.0364	22	0.001	0.001	0.00000517	0.00638	0.0012	0.0246	0.0192	0.0000052	20	0.0000184	0.000274
2067 Aug	121	0.193	0.324	0.00622	39.7	0.0365	22	0.001	0.001	0.00000518	0.00639	0.0012	0.0247	0.0192	0.00000522	20	0.0000184	0.000274
2067 Sep	121	0.193	0.324	0.00621	39.6	0.0366	22	0.001	0.001	0.00000519	0.0064	0.0012	0.0247	0.0192	0.00000522	20	0.0000184	0.000274
2067 Oct	121	0.192	0.322	0.00617	39.4	0.0366	22	0.001	0.001	0.00000518	0.00639	0.0012	0.0247	0.0192	0.00000521	20	0.0000183	0.000273
2067 Nov	121	0.192	0.321	0.00616	39.4	0.0366	22	0.001	0.001	0.00000517	0.00639	0.0012	0.0247	0.0192	0.0000052	20	0.0000183	0.000273
2067 Dec	121	0.192	0.321	0.00617	39.4	0.0366	22	0.001	0.001	0.00000517	0.0064	0.0012	0.0247	0.0192	0.0000052	20	0.0000183	0.000273
2068 Jan	121	0.192	0.321	0.00617	39.4	0.0366	22	0.001	0.001	0.00000517	0.0064	0.0012	0.0247	0.0192	0.00000521	20	0.0000183	0.000273
2068 Feb	121	0.192	0.321	0.00617	39.4	0.0366	22	0.001	0.001	0.00000517	0.0064	0.0012	0.0247	0.0192	0.00000521	20	0.0000183	0.000273
2068 Mar	121	0.192	0.321	0.00617	39.4	0.0366	22	0.001	0.001	0.00000517	0.0064	0.0012	0.0247	0.0192	0.00000521	20	0.0000183	0.000273
2068 Apr	121	0.192	0.321	0.00617	39.4	0.0367	22	0.001	0.001	0.00000518	0.0064	0.0012	0.0247	0.0192	0.00000521	20	0.0000183	0.000274
2068 May	121	0.192	0.32	0.00615	39.4	0.0366	22	0.001	0.001	0.00000518	0.00641	0.0012	0.0247	0.0193	0.00000521	20.1	0.0000184	0.000275
2068 Jun	119	0.186	0.31	0.00597	38.5	0.0359	21.4	0.000994	0.000994	0.00000513	0.00636	0.0012	0.0241	0.0194	0.00000516	20.1	0.0000183	0.000275
2068 Jul	119	0.186	0.309	0.00596	38.4	0.036	21.5	0.000997	0.000997	0.00000514	0.00638	0.00121	0.0242	0.0195	0.00000517	20.1	0.0000184	0.000275
2068 Aug	119	0.187	0.31	0.00598	38.6	0.0362	21.6	0.001	0.001	0.00000517	0.00641	0.00121	0.0243	0.0195	0.0000052	20.2	0.0000184	0.000276
2068 Sep	119	0.186	0.309	0.00597	38.5	0.0363	21.6	0.001	0.001	0.00000517	0.00642	0.00121	0.0243	0.0195	0.0000052	20.2	0.0000184	0.000276
2068 Oct	119	0.186	0.309	0.00596	38.4	0.0363	21.6	0.001	0.001	0.00000517	0.00642	0.00121	0.0243	0.0195	0.0000052	20.2	0.0000184	0.000276
2068 Nov	119	0.186	0.309	0.00596	38.4	0.0363	21.6	0.001	0.001	0.00000517	0.00642	0.00121	0.0243	0.0195	0.0000052	20.2	0.0000184	0.000276
2068 Dec	119	0.186	0.309	0.00596	38.4	0.0363	21.6	0.001	0.001	0.00000517	0.00642	0.00121	0.0243	0.0195	0.0000052	20.2	0.0000184	0.000276
2069 Jan	119	0.186	0.309	0.00596	38.4	0.0363	21.6	0.001	0.001	0.00000517	0.00642	0.00121	0.0243	0.0195	0.0000052	20.2	0.0000184	0.000276
2069 Feb	119	0.186	0.309	0.00596	38.4	0.0363	21.6	0.001	0.001	0.00000517	0.00642	0.00121	0.0243	0.0195	0.0000052	20.2	0.0000184	0.000276
2069 Mar	119	0.186	0.309	0.00596	38.4	0.0363	21.6	0.001	0.001	0.00000517	0.00642	0.00121	0.0243	0.0195	0.0000052	20.2	0.0000184	0.000276
2069 Apr	119	0.186	0.309	0.00596	38.4	0.0363	21.6	0.001	0.001	0.00000517	0.00643	0.00121	0.0243	0.0195	0.0000052	20.2	0.0000184	0.000276
2069 May	119	0.187	0.309	0.00597	38.5	0.0364	21.6	0.001	0.001	0.00000518	0.00644	0.00121	0.0244	0.0196	0.00000521	20.2	0.0000185	0.000276
2069 Jun	118	0.183	0.303	0.00586	37.9	0.036	21.3	0.001	0.001	0.00000516	0.00643	0.00121	0.024	0.0195	0.00000519	20.1	0.0000185	0.000275
2069 Jul	118	0.183	0.303	0.00586	37.8	0.0361	21.3	0.001	0.001	0.00000517	0.00645	0.00121	0.0241	0.0195	0.0000052	20.1	0.0000185	0.000276
2069 Aug	118	0.183	0.303	0.00586	37.9	0.0362	21.3	0.00101	0.00101	0.00000519	0.00647	0.00121	0.0242	0.0196	0.00000522	20.1	0.0000186	0.000276
2069 Sep	117	0.182	0.301	0.00582	37.7	0.0362	21.2	0.001	0.001	0.00000517	0.00646	0.00121	0.0241	0.0195	0.00000521	20.1	0.0000185	0.000275
2069 Oct	117	0.181	0.297	0.00577	37.4	0.0362	21.1	0.001	0.001	0.00000516	0.00646	0.00121	0.024	0.0194	0.00000519	20	0.0000184	0.000274
2069 Nov	116	0.181	0.297	0.00576	37.3	0.0362	21.1	0.001	0.001	0.00000515	0.00646	0.00121	0.024	0.0194	0.00000519	20	0.0000184	0.000274
2069 Dec	116	0.181	0.297	0.00576	37.3	0.0362	21.1	0.001	0.001	0.00000516	0.00646	0.00121	0.024	0.0194	0.00000519	20	0.0000184	0.000274
2070 Jan	116	0.181	0.297	0.00576	37.3	0.0362	21.1	0.001	0.001	0.00000516	0.00646	0.00121	0.024	0.0194	0.00000519	20	0.0000184	0.000274
2070 Feb	116	0.181	0.297	0.00576	37.3	0.0362	21.1	0.001	0.001	0.00000516	0.00646	0.00121	0.024	0.0194	0.00000519	20	0.0000184	0.000274
2070 Mar	116	0.181	0.297	0.00576	37.3	0.0362	21.1	0.001	0.001	0.00000516	0.00646	0.00121	0.024	0.0194	0.00000519	20	0.0000184	0.000274
2070 Apr	116	0.181	0.297	0.00576	37.3	0.0362	21.1	0.001	0.001	0.00000516	0.00646	0.00121	0.024	0.0194	0.00000519	20	0.0000184	0.000274
2070 May	116	0.181	0.296	0.00575	37.3	0.0362	21.1	0.001	0.001	0.00000516	0.00647	0.00121	0.0239	0.0195	0.00000519	20.1	0.0000185	0.000275
2070 Jun	116	0.178	0.291	0.00566	36.9	0.0358	20.8	0.000999	0.000999	0.00000514	0.00646	0.00122	0.0237	0.0197	0.00000518	20.2	0.0000185	0.000276
2070 Jul	116	0.179	0.292	0.00567	37	0.036	20.9	0.001	0.001	0.00000516	0.00648	0.00122	0.0237	0.0198	0.00000519	20.2	0.0000185	0.000277
2070 Aug	116	0.179	0.292	0.00568	37	0.0361	20.9	0.00101	0.00101	0.00000518	0.0065	0.00122	0.0238	0.0198	0.00000521	20.3	0.0000186	0.000277
2070 Sep	116	0.178	0.29	0.00564	36.8	0.0361	20.8	0.001	0.001	0.00000517	0.0065	0.00122	0.0238	0.0198	0.0000052	20.2	0.0000185	0.000276
2070 Oct	115	0.178	0.288	0.00561	36.6	0.0361	20.8	0.001	0.001	0.00000516	0.0065	0.00122	0.0237	0.0197	0.00000519	20.2	0.0000185	0.000276
2070 Nov	115	0.177	0.288	0.00561	36.6	0.0361	20.8	0.001	0.001	0.00000516	0.0065	0.00122	0.0237	0.0197	0.00000519	20.2	0.0000185	0.000275
2070 Dec	115	0.177	0.288	0.00561	36.6	0.0361	20.8	0.001	0.001	0.00000516	0.0065	0.00122	0.0237	0.0197	0.00000519	20.2	0.0000185	0.000275
2071 Jan	115	0.177	0.288	0.00561	36.6	0.0361	20.8	0.001	0.001	0.00000516	0.0065	0.00122	0.0237	0.0197	0.00000519	20.2	0.0000185	0.000275
2071 Feb	115	0.177	0.288	0.00561	36.6	0.0361	20.8	0.001	0.001	0.00000516	0.0065	0.00122	0.0237	0.0197	0.00000519	20.2	0.0000185	0.000275
2071 Mar	115	0.178	0.288	0.00561	36.6	0.0361	20.8	0.001	0.001	0.00000516	0.0065	0.00122	0.0237	0.0197	0.00000519	20.2	0.0000185	0.000275
2071 Apr	115	0.178	0.288	0.00561	36.6	0.0361	20.8	0.001	0.001	0.00000516	0.0065	0.00122	0.0237	0.0197	0.00000519	20.2	0.0000185	0.000276
2071 May	115	0.177	0.287	0.00559	36.6	0.0361	20.7	0.001	0.001	0.00000516	0.0065	0.00122	0.0236	0.0198	0.00000519	20.2	0.0000185	0.000276
2071 Jun	114	0.174	0.28	0.00547	36	0.0356	20.3	0.000997	0.000997	0.00000513	0.00648	0.00122	0.0233	0.02	0.00000516	20.3	0.0000185	0.000277
2071 Jul	114	0.174	0.28	0.00547	36	0.0356	20.3	0.000999	0.000999	0.00000514	0.00649	0.00122	0.0233	0.02	0.00000517	20.3	0.0000185	0.000277
2071 Aug	114	0.174	0.281	0.00548	36.1	0.0358	20.4	0.001	0.001	0.00000516	0.00652	0.00123	0.0234	0.0201	0.00000519	20.3	0.0000186	0.000278
2071 Sep	114	0.173	0.279	0.00546	35.9	0.0358	20.4	0.001	0.001	0.00000515	0.00651	0.00123	0.0233	0.02	0.00000518	20.3	0.0000185	0.000277
2071 Oct	113	0.173	0.278	0.00544	35.8	0.0358	20.3	0.001	0.001	0.00000515	0.00651	0.00122	0.0233	0.02	0.00000518	20.3	0.0000185	0.000277
2071 Nov	113	0.173	0.278	0.00543	35.8	0.0358	20.3	0.001	0.001	0.00000515	0.00651	0.00122	0.0233	0.02	0.00000518	20.3	0.0000185	0.000277
2071 Dec	113	0.173	0.277	0.00543	35.8	0.0358	20.3	0.001	0.001	0.00000515	0.00651	0.00122	0.0233	0.02	0.00000518	20.3	0.0000185	0.000277
2072 Jan	113	0.173	0.277	0.00543	35.8	0.0358	20.3	0.001	0.001	0.00000515	0.00651	0.00122	0.0233	0.02	0.00000518	20.3	0.0000185	0.000277
2072 Feb	113	0.173	0.277	0.00543	35.8	0.0358	20.3	0.001	0.001	0.00000515	0.00651	0.00122	0.0233	0.02	0.00000518	20.3	0.0000185	0.000277
2072 Mar	113	0.173	0.278	0.00543	35.8	0.0358	20.3	0.001	0.001	0.00000515	0.00651	0.00122	0.0233	0.02	0.00000518	20.3	0.0000185	0.000277
2072 Apr	113	0.173	0.278	0.00543	35.8	0.0358	20.3	0.001	0.001	0.00000515	0.00651	0.00122	0.0233	0.02	0.00000518	20.3	0.0000185	0.000277
2072 May	114	0.173	0.278	0.00544	35.8	0.0359	20.3	0.001	0.001	0.00000515	0.00652	0.00123	0.0233	0.02	0.00000518	20.3	0.0000185	0.000277
2072 Jun	112	0.171	0.274	0.00538	35.4	0.0356	20.1	0.001	0.001	0.00000515	0.00653	0.00122	0.0231	0.0199	0.00000518	20.1	0.0000185	0.000276
2072 Jul	112	0.17	0.273	0.00536	35.3	0.0357	20	0.001	0.001	0.00000515	0.00654	0.00122	0.0231	0.0199	0.00000518	20.1	0.0000186	0.000276
2072 Aug	112	0.169	0.271	0.00533	35.1	0.0357	20	0.001	0.001	0.00000515	0.00653	0.00122	0.0231	0.0199	0.00000518	20.1	0.0000185	0.000275
2072 Sep	111	0.169	0.269	0.0053	35	0.0357	19.9	0.001	0.001	0.00000515	0.00653	0.00122	0.023	0.0198	0.00000518	20	0.0000184	0.000274
2072 Oct	111	0.168	0.267	0.00526	34.8	0.0357	19.8	0.000999	0.000999	0.00000513	0.00652	0.00121	0.0229	0.0197	0.00000516	20	0.0000183	0.000273
2072 Nov	111	0.168	0.267	0.00526	34.7	0.0357	19.8	0.000998	0.000998	0.00000513	0.00652	0.00121	0.0229	0.0197	0.00000516	20	0.0000183	0.000273

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2072 Dec	111	0.168	0.267	0.00526	34.7	0.0357	19.8	0.000998	0.000998	0.00000513	0.00652	0.00121	0.0229	0.0197	0.00000516	20	0.0000183	0.000273
2073 Jan	111	0.168	0.267	0.00526	34.7	0.0357	19.8	0.000998	0.000998	0.00000513	0.00652	0.00121	0.0229	0.0197	0.00000516	20	0.0000183	0.000273
2073 Feb	111	0.168	0.267	0.00526	34.7	0.0357	19.8	0.000998	0.000998	0.00000513	0.00652	0.00121	0.0229	0.0197	0.00000516	20	0.0000183	0.000273
2073 Mar	111	0.168	0.267	0.00526	34.7	0.0357	19.8	0.000998	0.000998	0.00000513	0.00652	0.00121	0.0229	0.0197	0.00000516	20	0.0000183	0.000273
2073 Apr	111	0.168	0.267	0.00526	34.8	0.0358	19.8	0.000999	0.000999	0.00000513	0.00653	0.00122	0.0229	0.0198	0.00000516	20	0.0000184	0.000273
2073 May	111	0.167	0.266	0.00524	34.7	0.0357	19.8	0.000999	0.000999	0.00000513	0.00653	0.00122	0.0229	0.0199	0.00000516	20.1	0.0000184	0.000275
2073 Jun	110	0.165	0.26	0.00515	34.3	0.0354	19.5	0.000996	0.000996	0.00000511	0.00652	0.00122	0.0227	0.0201	0.00000514	20.2	0.0000184	0.000276
2073 Jul	110	0.165	0.26	0.00514	34.3	0.0354	19.6	0.000998	0.000998	0.00000513	0.00653	0.00123	0.0227	0.0201	0.00000516	20.2	0.0000184	0.000276
2073 Aug	110	0.165	0.261	0.00515	34.3	0.0355	19.6	0.001	0.001	0.00000514	0.00655	0.00123	0.0228	0.0202	0.00000517	20.3	0.0000185	0.000277
2073 Sep	110	0.165	0.259	0.00513	34.2	0.0356	19.6	0.001	0.001	0.00000514	0.00655	0.00123	0.0227	0.0202	0.00000517	20.2	0.0000184	0.000276
2073 Oct	110	0.164	0.258	0.0051	34.1	0.0356	19.5	0.000998	0.000998	0.00000513	0.00654	0.00123	0.0227	0.0201	0.00000516	20.2	0.0000184	0.000276
2073 Nov	110	0.164	0.257	0.0051	34	0.0356	19.5	0.000998	0.000998	0.00000512	0.00654	0.00123	0.0227	0.0201	0.00000515	20.2	0.0000184	0.000275
2073 Dec	110	0.164	0.257	0.0051	34	0.0356	19.5	0.000998	0.000998	0.00000512	0.00654	0.00123	0.0227	0.0201	0.00000515	20.2	0.0000184	0.000275
2074 Jan	110	0.164	0.257	0.0051	34	0.0356	19.5	0.000998	0.000998	0.00000512	0.00654	0.00123	0.0227	0.0201	0.00000515	20.2	0.0000184	0.000275
2074 Feb	110	0.164	0.257	0.0051	34	0.0356	19.5	0.000998	0.000998	0.00000512	0.00654	0.00123	0.0227	0.0201	0.00000515	20.2	0.0000184	0.000275
2074 Mar	110	0.164	0.258	0.0051	34	0.0356	19.5	0.000998	0.000998	0.00000512	0.00654	0.00123	0.0227	0.0201	0.00000516	20.2	0.0000184	0.000275
2074 Apr	110	0.164	0.258	0.0051	34	0.0356	19.5	0.000998	0.000998	0.00000513	0.00655	0.00123	0.0227	0.0201	0.00000516	20.2	0.0000184	0.000276
2074 May	110	0.163	0.256	0.00507	33.9	0.0355	19.5	0.000998	0.000998	0.00000513	0.00655	0.00123	0.0227	0.0203	0.00000516	20.3	0.0000184	0.000277
2074 Jun	109	0.16	0.249	0.00495	33.4	0.035	19.2	0.000992	0.000992	0.00000509	0.00652	0.00123	0.0223	0.0205	0.00000512	20.4	0.0000184	0.000278
2074 Jul	109	0.16	0.25	0.00496	33.5	0.0352	19.2	0.000996	0.000996	0.00000511	0.00654	0.00124	0.0224	0.0206	0.00000514	20.5	0.0000185	0.000279
2074 Aug	109	0.161	0.25	0.00498	33.6	0.0353	19.3	0.001	0.001	0.00000513	0.00657	0.00125	0.0225	0.0207	0.00000517	20.6	0.0000186	0.00028
2074 Sep	109	0.16	0.249	0.00495	33.4	0.0354	19.3	0.000999	0.000999	0.00000513	0.00657	0.00124	0.0225	0.0206	0.00000516	20.5	0.0000185	0.00028
2074 Oct	109	0.16	0.248	0.00493	33.3	0.0354	19.3	0.000998	0.000998	0.00000512	0.00657	0.00124	0.0225	0.0206	0.00000515	20.5	0.0000185	0.000279
2074 Nov	109	0.16	0.247	0.00493	33.3	0.0354	19.4	0.000998	0.000998	0.00000512	0.00657	0.00124	0.0226	0.0206	0.00000515	20.5	0.0000185	0.000279
2074 Dec	109	0.16	0.247	0.00493	33.3	0.0354	19.4	0.000998	0.000998	0.00000512	0.00657	0.00124	0.0226	0.0206	0.00000515	20.5	0.0000185	0.000279
2075 Jan	109	0.16	0.247	0.00493	33.3	0.0355	19.4	0.000998	0.000998	0.00000512	0.00657	0.00124	0.0226	0.0206	0.00000515	20.5	0.0000185	0.000279
2075 Feb	109	0.16	0.247	0.00493	33.3	0.0355	19.4	0.000998	0.000998	0.00000512	0.00657	0.00124	0.0226	0.0206	0.00000515	20.5	0.0000185	0.000279
2075 Mar	109	0.16	0.248	0.00493	33.3	0.0355	19.4	0.000998	0.000998	0.00000512	0.00657	0.00124	0.0226	0.0206	0.00000515	20.5	0.0000185	0.000279
2075 Apr	109	0.16	0.248	0.00493	33.3	0.0355	19.4	0.000998	0.000998	0.00000512	0.00658	0.00124	0.0226	0.0206	0.00000515	20.5	0.0000185	0.000279
2075 May	109	0.16	0.248	0.00493	33.4	0.0355	19.4	0.000999	0.000999	0.00000513	0.00658	0.00125	0.0226	0.0206	0.00000516	20.6	0.0000185	0.00028
2075 Jun	107	0.157	0.242	0.00484	32.7	0.0351	19	0.000995	0.000995	0.0000051	0.00657	0.00123	0.0223	0.0204	0.00000514	20.3	0.0000185	0.000277
2075 Jul	107	0.156	0.24	0.00481	32.5	0.035	18.9	0.000996	0.000996	0.00000511	0.00658	0.00123	0.0222	0.0204	0.00000514	20.3	0.0000186	0.000277
2075 Aug	107	0.156	0.24	0.00481	32.5	0.0351	19	0.000998	0.000998	0.00000512	0.0066	0.00124	0.0223	0.0204	0.00000515	20.3	0.0000186	0.000277
2075 Sep	107	0.156	0.24	0.00481	32.5	0.0352	19	0.000999	0.000999	0.00000512	0.0066	0.00124	0.0223	0.0204	0.00000515	20.3	0.0000186	0.000277
2075 Oct	107	0.156	0.239	0.0048	32.5	0.0352	19	0.000999	0.000999	0.00000512	0.00661	0.00124	0.0223	0.0204	0.00000515	20.3	0.0000186	0.000277
2075 Nov	107	0.156	0.239	0.0048	32.5	0.0352	19	0.000999	0.000999	0.00000512	0.00661	0.00124	0.0223	0.0204	0.00000515	20.3	0.0000186	0.000277
2075 Dec	107	0.156	0.239	0.0048	32.5	0.0352	19	0.000999	0.000999	0.00000512	0.00661	0.00124	0.0223	0.0204	0.00000515	20.3	0.0000186	0.000277
2076 Jan	107	0.156	0.239	0.0048	32.5	0.0352	19	0.000999	0.000999	0.00000512	0.00661	0.00124	0.0223	0.0204	0.00000515	20.3	0.0000186	0.000277
2076 Feb	107	0.156	0.239	0.0048	32.5	0.0352	19	0.000999	0.000999	0.00000512	0.00661	0.00124	0.0223	0.0204	0.00000515	20.3	0.0000186	0.000277
2076 Mar	107	0.156	0.239	0.0048	32.5	0.0353	19	0.000999	0.000999	0.00000512	0.00661	0.00124	0.0223	0.0204	0.00000515	20.3	0.0000186	0.000277
2076 Apr	107	0.156	0.24	0.0048	32.5	0.0353	19	0.000999	0.000999	0.00000512	0.00661	0.00124	0.0223	0.0204	0.00000515	20.3	0.0000186	0.000277
2076 May	107	0.156	0.239	0.00479	32.5	0.0352	19	0.001	0.001	0.00000513	0.00662	0.00124	0.0223	0.0205	0.00000516	20.4	0.0000186	0.000278
2076 Jun	106	0.153	0.233	0.00469	32	0.0348	18.6	0.000996	0.000996	0.0000051	0.00659	0.00124	0.0219	0.0207	0.00000513	20.4	0.0000186	0.000279
2076 Jul	106	0.153	0.233	0.00469	32	0.0348	18.6	0.000998	0.000998	0.00000511	0.00661	0.00124	0.022	0.0207	0.00000514	20.4	0.0000186	0.000279
2076 Aug	106	0.153	0.234	0.0047	32.1	0.035	18.7	0.001	0.001	0.00000513	0.00663	0.00125	0.022	0.0208	0.00000516	20.5	0.0000187	0.00028
2076 Sep	106	0.153	0.234	0.0047	32.1	0.0351	18.7	0.001	0.001	0.00000514	0.00664	0.00125	0.0221	0.0208	0.00000517	20.5	0.0000187	0.00028
2076 Oct	106	0.153	0.232	0.00468	32	0.035	18.7	0.001	0.001	0.00000513	0.00663	0.00125	0.022	0.0207	0.00000516	20.5	0.0000187	0.00028
2076 Nov	106	0.153	0.232	0.00468	32	0.0351	18.7	0.001	0.001	0.00000512	0.00663	0.00125	0.022	0.0207	0.00000516	20.5	0.0000187	0.00028
2076 Dec	106	0.153	0.232	0.00468	32	0.0351	18.7	0.001	0.001	0.00000512	0.00663	0.00125	0.022	0.0207	0.00000516	20.5	0.0000187	0.00028
2077 Jan	106	0.153	0.232	0.00468	32	0.0351	18.7	0.001	0.001	0.00000512	0.00663	0.00125	0.022	0.0207	0.00000516	20.5	0.0000187	0.00028
2077 Feb	106	0.153	0.232	0.00468	32	0.0351	18.7	0.001	0.001	0.00000512	0.00663	0.00125	0.0221	0.0207	0.00000516	20.5	0.0000187	0.00028
2077 Mar	106	0.153	0.232	0.00468	32	0.0351	18.7	0.001	0.001	0.00000512	0.00664	0.00125	0.0221	0.0207	0.00000516	20.5	0.0000187	0.00028
2077 Apr	106	0.153	0.232	0.00468	32	0.0351	18.7	0.001	0.001	0.00000513	0.00664	0.00125	0.0221	0.0207	0.00000516	20.5	0.0000187	0.00028
2077 May	106	0.153	0.232	0.00467	32	0.035	18.7	0.001	0.001	0.00000513	0.00664	0.00125	0.022	0.0208	0.00000516	20.5	0.0000187	0.00028
2077 Jun	105	0.15	0.227	0.00458	31.5	0.0346	18.4	0.000997	0.000997	0.0000051	0.00662	0.00125	0.0217	0.0209	0.00000513	20.6	0.0000187	0.000281
2077 Jul	105	0.15	0.227	0.00459	31.6	0.0348	18.4	0.001	0.001	0.00000512	0.00664	0.00125	0.0218	0.021	0.00000515	20.6	0.0000187	0.000282
2077 Aug	106	0.151	0.228	0.0046	31.7	0.0349	18.5	0.001	0.001	0.00000514	0.00667	0.00126	0.0219	0.0211	0.00000517	20.7	0.0000188	0.000283
2077 Sep	105	0.15	0.226	0.00457	31.5	0.0349	18.4	0.001	0.001	0.00000513	0.00666	0.00125	0.0218	0.021	0.00000516	20.6	0.0000187	0.000281
2077 Oct	105	0.15	0.225	0.00455	31.4	0.0349	18.4	0.001	0.001	0.00000512	0.00666	0.00125	0.0218	0.021	0.00000516	20.6	0.0000187	0.000281
2077 Nov	105	0.15	0.225	0.00455	31.4	0.0349	18.4	0.001	0.001	0.00000513	0.00666	0.00125	0.0218	0.021	0.00000516	20.6	0.0000187	0.000281
2077 Dec	105	0.15	0.225	0.00455	31.4	0.0349	18.4	0.001	0.001	0.00000513	0.00666	0.00125	0.0218	0.021	0.00000516	20.6	0.0000187	0.000281
2078 Jan	105	0.15	0.225	0.00455	31.4	0.0349	18.4	0.001	0.001	0.00000513	0.00666	0.00125	0.0218	0.021	0.00000516	20.6	0.0000187	0.000281
2078 Feb	105	0.15	0.225	0.00455	31.4	0.0349	18.4	0.001	0.001	0.00000513	0.00666	0.00125	0.0218	0.021	0.00000516	20.6	0.0000187	0.000281
2078 Mar	105	0.15	0.225	0.00455	31.4	0.0349	18.4	0.001	0.001	0.00000513	0.00666	0.00125	0.0218	0.021	0.00000516	20.6	0.0000187	0.000281
2078 Apr	105	0.15	0.225	0.00456	31.4	0.035	18.4	0.001	0.001	0.00000513	0.00666	0.00125	0.0218	0.021	0.00000516	20.6	0.0000187	0.000281
2078 May	105	0.149	0.223	0.00452	31.3	0.0348	18.3	0.001	0.001	0.00000512	0.00666	0.00126	0.0217	0.0212	0.00000515	20.8	0.0000187	0.000283
2078 Jun	104	0.147	0.218	0.00443	30.9	0.0344	18.1	0.000996	0.000996	0.00000509	0.00663	0.00126	0.0214	0.0214	0.00000513	20.8	0.0000187	0.000284

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Jul	104	0.147	0.219	0.00444	31	0.0345	18.1	0.001	0.001	0.00000512	0.00665	0.00127	0.0215	0.0214	0.00000515	20.9	0.0000188	0.000285
2078 Aug	104	0.147	0.218	0.00444	31	0.0346	18.1	0.001	0.001	0.00000513	0.00666	0.00127	0.0215	0.0215	0.00000516	20.9	0.0000188	0.000285
2078 Sep	104	0.147	0.218	0.00444	31	0.0347	18.2	0.001	0.001	0.00000513	0.00667	0.00127	0.0216	0.0215	0.00000516	20.9	0.0000188	0.000285
2078 Oct	104	0.147	0.217	0.00443	30.9	0.0347	18.2	0.001	0.001	0.00000513	0.00667	0.00127	0.0216	0.0214	0.00000516	20.9	0.0000187	0.000284
2078 Nov	104	0.147	0.217	0.00442	30.9	0.0347	18.2	0.001	0.001	0.00000512	0.00667	0.00127	0.0216	0.0214	0.00000516	20.9	0.0000187	0.000284
2078 Dec	104	0.147	0.217	0.00442	30.9	0.0348	18.2	0.001	0.001	0.00000513	0.00667	0.00127	0.0216	0.0214	0.00000516	20.9	0.0000187	0.000284
2079 Jan	104	0.147	0.217	0.00442	30.9	0.0348	18.2	0.001	0.001	0.00000513	0.00667	0.00127	0.0216	0.0214	0.00000516	20.9	0.0000187	0.000284
2079 Feb	104	0.147	0.217	0.00442	30.9	0.0348	18.2	0.001	0.001	0.00000513	0.00667	0.00127	0.0216	0.0214	0.00000516	20.9	0.0000187	0.000284
2079 Mar	104	0.147	0.217	0.00442	30.9	0.0348	18.2	0.001	0.001	0.00000513	0.00667	0.00127	0.0216	0.0214	0.00000516	20.9	0.0000187	0.000284
2079 Apr	104	0.147	0.217	0.00443	30.9	0.0348	18.2	0.001	0.001	0.00000513	0.00667	0.00127	0.0216	0.0214	0.00000516	20.9	0.0000188	0.000285
2079 May	104	0.147	0.218	0.00443	31	0.0348	18.2	0.001	0.001	0.00000513	0.00668	0.00127	0.0216	0.0215	0.00000517	20.9	0.0000188	0.000285
2079 Jun	103	0.144	0.212	0.00433	30.4	0.0343	17.8	0.000999	0.000999	0.0000051	0.00666	0.00126	0.0213	0.0214	0.00000514	20.8	0.0000188	0.000284
2079 Jul	103	0.143	0.211	0.00432	30.3	0.0343	17.8	0.001	0.001	0.00000511	0.00667	0.00126	0.0212	0.0213	0.00000514	20.7	0.0000188	0.000283
2079 Aug	103	0.143	0.211	0.00433	30.3	0.0345	17.8	0.001	0.001	0.00000513	0.00669	0.00127	0.0213	0.0214	0.00000516	20.8	0.0000188	0.000284
2079 Sep	103	0.143	0.21	0.00431	30.2	0.0345	17.8	0.001	0.001	0.00000512	0.00669	0.00127	0.0213	0.0214	0.00000515	20.8	0.0000188	0.000283
2079 Oct	102	0.143	0.21	0.0043	30.1	0.0345	17.8	0.001	0.001	0.00000512	0.00669	0.00126	0.0213	0.0213	0.00000515	20.7	0.0000188	0.000283
2079 Nov	102	0.143	0.209	0.00429	30.1	0.0345	17.7	0.001	0.001	0.00000511	0.00669	0.00126	0.0213	0.0213	0.00000515	20.7	0.0000188	0.000283
2079 Dec	102	0.143	0.209	0.00429	30.1	0.0345	17.7	0.001	0.001	0.00000511	0.00669	0.00126	0.0212	0.0213	0.00000514	20.7	0.0000187	0.000283
2080 Jan	102	0.143	0.209	0.00429	30.1	0.0345	17.7	0.001	0.001	0.00000511	0.00669	0.00126	0.0212	0.0213	0.00000514	20.7	0.0000187	0.000283
2080 Feb	102	0.143	0.209	0.00429	30.1	0.0345	17.7	0.001	0.001	0.00000511	0.00669	0.00126	0.0212	0.0213	0.00000514	20.7	0.0000187	0.000283
2080 Mar	102	0.143	0.209	0.00429	30.1	0.0345	17.7	0.001	0.001	0.00000511	0.00669	0.00126	0.0212	0.0213	0.00000514	20.7	0.0000187	0.000283
2080 Apr	102	0.143	0.209	0.00429	30.1	0.0345	17.7	0.001	0.001	0.00000511	0.00669	0.00126	0.0213	0.0213	0.00000515	20.7	0.0000188	0.000283
2080 May	102	0.143	0.209	0.00429	30.1	0.0346	17.8	0.001	0.001	0.00000512	0.0067	0.00127	0.0213	0.0213	0.00000515	20.8	0.0000188	0.000283
2080 Jun	101	0.141	0.206	0.00424	29.8	0.0343	17.5	0.001	0.001	0.00000511	0.0067	0.00126	0.0211	0.0212	0.00000514	20.6	0.0000188	0.000281
2080 Jul	101	0.14	0.205	0.00421	29.6	0.0343	17.4	0.001	0.001	0.00000511	0.0067	0.00126	0.021	0.0211	0.00000514	20.5	0.0000188	0.000281
2080 Aug	101	0.14	0.204	0.00421	29.6	0.0344	17.4	0.001	0.001	0.00000512	0.00671	0.00126	0.021	0.0211	0.00000515	20.5	0.0000188	0.000281
2080 Sep	101	0.139	0.203	0.0042	29.5	0.0344	17.4	0.001	0.001	0.00000512	0.00671	0.00126	0.021	0.0211	0.00000515	20.5	0.0000188	0.00028
2080 Oct	100	0.139	0.203	0.00419	29.4	0.0344	17.4	0.001	0.001	0.00000511	0.00671	0.00126	0.021	0.0211	0.00000514	20.5	0.0000187	0.00028
2080 Nov	100	0.139	0.202	0.00418	29.4	0.0344	17.4	0.001	0.001	0.00000511	0.00671	0.00125	0.021	0.0211	0.00000514	20.5	0.0000187	0.00028
2080 Dec	100	0.139	0.202	0.00418	29.4	0.0344	17.4	0.001	0.001	0.00000511	0.00671	0.00125	0.021	0.0211	0.00000514	20.5	0.0000187	0.00028
2081 Jan	100	0.139	0.202	0.00418	29.4	0.0344	17.4	0.001	0.001	0.00000511	0.00671	0.00125	0.021	0.0211	0.00000514	20.5	0.0000187	0.00028
2081 Feb	100	0.139	0.202	0.00418	29.4	0.0344	17.4	0.001	0.001	0.00000511	0.00671	0.00126	0.021	0.0211	0.00000514	20.5	0.0000187	0.00028
2081 Apr	100	0.139	0.202	0.00418	29.4	0.0345	17.4	0.001	0.001	0.00000511	0.00671	0.00126	0.021	0.0211	0.00000514	20.5	0.0000187	0.00028
2081 May	100	0.139	0.201	0.00416	29.3	0.0344	17.3	0.001	0.001	0.00000511	0.00672	0.00126	0.0209	0.0212	0.00000514	20.6	0.0000188	0.000281
2081 Jun	99.9	0.137	0.198	0.00411	29.1	0.0341	17.1	0.000999	0.000999	0.0000051	0.0067	0.00126	0.0207	0.0213	0.00000513	20.6	0.0000187	0.000282
2081 Jul	100	0.138	0.199	0.00412	29.2	0.0343	17.2	0.001	0.001	0.00000512	0.00673	0.00127	0.0208	0.0214	0.00000515	20.7	0.0000188	0.000283
2081 Aug	101	0.138	0.2	0.00414	29.3	0.0344	17.3	0.00101	0.00101	0.00000515	0.00676	0.00127	0.0209	0.0215	0.00000518	20.8	0.0000189	0.000284
2081 Sep	101	0.138	0.199	0.00413	29.3	0.0345	17.3	0.00101	0.00101	0.00000515	0.00676	0.00127	0.0209	0.0215	0.00000518	20.8	0.0000189	0.000284
2081 Oct	101	0.138	0.199	0.00412	29.3	0.0345	17.3	0.00101	0.00101	0.00000514	0.00677	0.00127	0.0209	0.0215	0.00000518	20.8	0.0000189	0.000284
2081 Nov	100	0.138	0.198	0.00411	29.2	0.0345	17.3	0.00101	0.00101	0.00000514	0.00676	0.00127	0.0209	0.0215	0.00000517	20.8	0.0000189	0.000284
2081 Dec	100	0.138	0.198	0.00411	29.2	0.0345	17.3	0.00101	0.00101	0.00000514	0.00676	0.00127	0.0209	0.0215	0.00000517	20.8	0.0000189	0.000283
2082 Jan	100	0.138	0.198	0.00411	29.2	0.0345	17.3	0.00101	0.00101	0.00000514	0.00676	0.00127	0.0209	0.0215	0.00000517	20.8	0.0000189	0.000284
2082 Feb	100	0.138	0.198	0.00411	29.2	0.0345	17.3	0.00101	0.00101	0.00000514	0.00676	0.00127	0.0209	0.0215	0.00000517	20.8	0.0000189	0.000284
2082 Mar	100	0.138	0.198	0.00411	29.2	0.0345	17.3	0.00101	0.00101	0.00000514	0.00676	0.00127	0.0209	0.0215	0.00000517	20.8	0.0000189	0.000284
2082 Apr	100	0.138	0.198	0.00411	29.2	0.0345	17.3	0.00101	0.00101	0.00000514	0.00676	0.00127	0.0209	0.0215	0.00000517	20.8	0.0000189	0.000284
2082 May	101	0.138	0.199	0.00412	29.2	0.0346	17.3	0.00101	0.00101	0.00000515	0.00677	0.00127	0.021	0.0215	0.00000518	20.8	0.0000189	0.000284
2082 Jun	98.9	0.135	0.194	0.00404	28.6	0.0342	17	0.001	0.001	0.00000512	0.00676	0.00126	0.0207	0.0212	0.00000515	20.5	0.0000189	0.000281
2082 Jul	98.1	0.133	0.191	0.004	28.3	0.034	16.8	0.001	0.001	0.00000511	0.00676	0.00125	0.0206	0.0211	0.00000514	20.3	0.0000189	0.00028
2082 Aug	98.3	0.134	0.192	0.004	28.4	0.0341	16.8	0.00101	0.00101	0.00000513	0.00678	0.00126	0.0206	0.0211	0.00000516	20.4	0.0000189	0.00028
2082 Sep	98.4	0.134	0.191	0.004	28.4	0.0342	16.9	0.00101	0.00101	0.00000513	0.00678	0.00126	0.0207	0.0211	0.00000517	20.4	0.0000189	0.00028
2082 Oct	98	0.133	0.19	0.00398	28.3	0.0342	16.8	0.001	0.001	0.00000512	0.00677	0.00126	0.0206	0.0211	0.00000515	20.3	0.0000189	0.000279
2082 Nov	98	0.133	0.19	0.00398	28.3	0.0342	16.8	0.001	0.001	0.00000512	0.00677	0.00126	0.0206	0.0211	0.00000515	20.4	0.0000189	0.000279
2082 Dec	98	0.133	0.19	0.00398	28.3	0.0342	16.8	0.001	0.001	0.00000512	0.00677	0.00126	0.0206	0.0211	0.00000515	20.4	0.0000189	0.000279
2083 Jan	98	0.133	0.19	0.00398	28.3	0.0342	16.8	0.001	0.001	0.00000512	0.00677	0.00126	0.0206	0.0211	0.00000515	20.4	0.0000189	0.000279
2083 Feb	98	0.133	0.19	0.00398	28.3	0.0342	16.8	0.001	0.001	0.00000512	0.00678	0.00126	0.0206	0.0211	0.00000515	20.4	0.0000189	0.00028
2083 Mar	98	0.133	0.19	0.00398	28.3	0.0342	16.8	0.001	0.001	0.00000512	0.00678	0.00126	0.0206	0.0211	0.00000515	20.4	0.0000189	0.00028
2083 Apr	98	0.133	0.19	0.00398	28.3	0.0342	16.8	0.001	0.001	0.00000512	0.00678	0.00126	0.0206	0.0211	0.00000515	20.4	0.0000189	0.00028
2083 May	98.1	0.133	0.189	0.00397	28.3	0.0342	16.8	0.00101	0.00101	0.00000513	0.00678	0.00126	0.0206	0.0212	0.00000516	20.5	0.0000189	0.000281
2083 Jun	97.3	0.131	0.185	0.00389	27.9	0.0337	16.6	0.001	0.001	0.0000051	0.00675	0.00126	0.0203	0.0214	0.00000513	20.5	0.0000189	0.000282
2083 Jul	97.4	0.131	0.185	0.00388	27.9	0.0338	16.6	0.001	0.001	0.00000511	0.00676	0.00126	0.0203	0.0214	0.00000514	20.6	0.0000189	0.000282
2083 Aug	97.3	0.13	0.184	0.00387	27.8	0.0339	16.6	0.001	0.001	0.00000512	0.00677	0.00127	0.0203	0.0214	0.00000515	20.6	0.0000189	0.000282
2083 Sep	97.1	0.13	0.183	0.00386	27.8	0.0339	16.5	0.001	0.001	0.00000511	0.00677	0.00127	0.0203	0.0214	0.00000514	20.5	0.0000189	0.000281
2083 Oct	96.6	0.13	0.182	0.00383	27.6	0.0339	16.5	0.001	0.001	0.0000051	0.00676	0.00126	0.0203	0.0213	0.00000513	20.5	0.0000188	0.00028
2083 Nov	96.5	0.13	0.181	0.00383	27.6	0.0339	16.4	0.001	0.001	0.0000051	0.00676	0.00126	0.0202	0.0213	0.00000513	20.4	0.0000188	0.00028
2083 Dec	96.5	0.13	0.181	0.00383	27.6	0.0339	16.4	0.001	0.001	0.0000051	0.00676	0.00126	0.0203	0.0213	0.00000513	20.4	0.0000188	0.00028
2084 Jan	96.5	0.13	0.181	0.00383	27.6	0.0339	16.4	0.001	0.001	0.0000051	0.00676	0.00126	0.0203	0.0213	0.00000513	20.4	0.0000188	0.00028

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Feb	96.5	0.13	0.181	0.00383	27.6	0.0339	16.4	0.001	0.001	0.0000051	0.00676	0.00126	0.0203	0.0213	0.00000513	20.4	0.0000188	0.00028
2084 Mar	96.5	0.13	0.181	0.00383	27.6	0.0339	16.4	0.001	0.001	0.0000051	0.00676	0.00126	0.0203	0.0213	0.00000513	20.4	0.0000188	0.00028
2084 Apr	96.6	0.13	0.181	0.00383	27.6	0.034	16.5	0.001	0.001	0.0000051	0.00677	0.00126	0.0203	0.0213	0.00000513	20.5	0.0000188	0.00028
2084 May	96.6	0.129	0.18	0.00381	27.5	0.0339	16.4	0.001	0.001	0.0000051	0.00677	0.00127	0.0202	0.0215	0.00000513	20.6	0.0000188	0.000282
2084 Jun	95.9	0.127	0.177	0.00374	27.2	0.0335	16.2	0.000996	0.000996	0.00000507	0.00674	0.00127	0.0199	0.0216	0.0000051	20.6	0.0000188	0.000282
2084 Jul	96	0.127	0.177	0.00375	27.3	0.0336	16.2	0.000999	0.000999	0.00000509	0.00676	0.00127	0.02	0.0217	0.00000512	20.7	0.0000188	0.000283
2084 Aug	96.2	0.128	0.177	0.00375	27.3	0.0337	16.2	0.001	0.001	0.0000051	0.00677	0.00127	0.02	0.0217	0.00000513	20.7	0.0000189	0.000283
2084 Sep	96.1	0.127	0.176	0.00374	27.3	0.0337	16.2	0.001	0.001	0.0000051	0.00677	0.00127	0.02	0.0217	0.00000513	20.7	0.0000188	0.000283
2084 Oct	95.8	0.127	0.175	0.00372	27.2	0.0337	16.2	0.001	0.001	0.00000509	0.00677	0.00127	0.02	0.0216	0.00000512	20.6	0.0000188	0.000282
2084 Nov	95.7	0.127	0.175	0.00372	27.1	0.0338	16.2	0.000999	0.000999	0.00000509	0.00677	0.00127	0.02	0.0216	0.00000512	20.6	0.0000188	0.000282
2084 Dec	95.7	0.127	0.175	0.00372	27.1	0.0338	16.2	0.000999	0.000999	0.00000509	0.00677	0.00127	0.02	0.0216	0.00000512	20.6	0.0000188	0.000282
2085 Jan	95.7	0.127	0.175	0.00372	27.1	0.0338	16.2	0.000999	0.000999	0.00000509	0.00677	0.00127	0.02	0.0216	0.00000512	20.6	0.0000188	0.000282
2085 Feb	95.7	0.127	0.175	0.00372	27.1	0.0338	16.2	0.000999	0.000999	0.00000509	0.00677	0.00127	0.02	0.0216	0.00000512	20.6	0.0000188	0.000282
2085 Mar	95.7	0.127	0.175	0.00372	27.1	0.0338	16.2	0.000999	0.000999	0.00000509	0.00677	0.00127	0.02	0.0216	0.00000512	20.6	0.0000188	0.000282
2085 Apr	95.7	0.127	0.175	0.00372	27.1	0.0338	16.2	0.001	0.001	0.00000509	0.00677	0.00127	0.02	0.0216	0.00000512	20.6	0.0000188	0.000282
2085 May	95.8	0.127	0.174	0.0037	27.1	0.0337	16.1	0.001	0.001	0.00000509	0.00677	0.00127	0.0199	0.0218	0.00000512	20.7	0.0000188	0.000283
2085 Jun	95.5	0.126	0.172	0.00367	27	0.0335	16	0.000999	0.000999	0.00000508	0.00676	0.00128	0.0198	0.0219	0.00000511	20.8	0.0000188	0.000284
2085 Jul	95.8	0.126	0.172	0.00368	27	0.0336	16.1	0.001	0.001	0.0000051	0.00679	0.00128	0.0199	0.022	0.00000513	20.9	0.0000189	0.000285
2085 Aug	95.6	0.126	0.172	0.00367	27	0.0337	16.1	0.001	0.001	0.0000051	0.00678	0.00128	0.0199	0.0219	0.00000513	20.8	0.0000188	0.000285
2085 Sep	95.3	0.125	0.171	0.00364	26.8	0.0337	16	0.001	0.001	0.00000509	0.00678	0.00128	0.0198	0.0219	0.00000512	20.8	0.0000188	0.000284
2085 Oct	95	0.125	0.17	0.00363	26.7	0.0338	16	0.000999	0.000999	0.00000509	0.00677	0.00128	0.0198	0.0218	0.00000512	20.7	0.0000187	0.000283
2085 Nov	94.9	0.125	0.169	0.00362	26.7	0.0338	16	0.000998	0.000998	0.00000508	0.00677	0.00127	0.0198	0.0218	0.00000511	20.7	0.0000187	0.000283
2085 Dec	94.9	0.125	0.169	0.00362	26.7	0.0338	16	0.000998	0.000998	0.00000508	0.00677	0.00127	0.0198	0.0218	0.00000511	20.7	0.0000187	0.000283
2086 Jan	94.9	0.125	0.169	0.00362	26.7	0.0338	16	0.000998	0.000998	0.00000508	0.00677	0.00127	0.0198	0.0218	0.00000511	20.7	0.0000187	0.000283
2086 Feb	94.9	0.125	0.169	0.00362	26.7	0.0338	16	0.000998	0.000998	0.00000508	0.00677	0.00127	0.0198	0.0218	0.00000511	20.7	0.0000187	0.000283
2086 Mar	94.9	0.125	0.169	0.00362	26.7	0.0338	16	0.000999	0.000999	0.00000508	0.00677	0.00127	0.0198	0.0218	0.00000511	20.7	0.0000187	0.000283
2086 Apr	94.9	0.125	0.169	0.00362	26.7	0.0338	16	0.000999	0.000999	0.00000508	0.00677	0.00127	0.0198	0.0218	0.00000511	20.7	0.0000187	0.000283
2086 May	95.1	0.125	0.169	0.00362	26.7	0.0338	16	0.001	0.001	0.00000509	0.00678	0.00128	0.0198	0.0219	0.00000512	20.8	0.0000187	0.000283
2086 Jun	94.1	0.123	0.165	0.00355	26.4	0.0334	15.7	0.000996	0.000996	0.00000507	0.00676	0.00128	0.0195	0.0219	0.00000509	20.8	0.0000187	0.000284
2086 Jul	94.2	0.123	0.165	0.00355	26.3	0.0334	15.7	0.000999	0.000999	0.00000508	0.00678	0.00128	0.0196	0.022	0.00000511	20.8	0.0000188	0.000284
2086 Aug	94.2	0.123	0.165	0.00355	26.4	0.0336	15.7	0.001	0.001	0.00000509	0.00679	0.00128	0.0196	0.022	0.00000512	20.8	0.0000188	0.000284
2086 Sep	94	0.122	0.164	0.00353	26.3	0.0336	15.7	0.001	0.001	0.00000509	0.00679	0.00128	0.0196	0.0219	0.00000512	20.8	0.0000187	0.000284
2086 Oct	94	0.122	0.164	0.00353	26.2	0.0336	15.7	0.001	0.001	0.00000509	0.00679	0.00128	0.0196	0.0219	0.00000512	20.8	0.0000187	0.000283
2086 Nov	94	0.122	0.164	0.00353	26.2	0.0337	15.7	0.001	0.001	0.00000509	0.00679	0.00128	0.0196	0.0219	0.00000512	20.8	0.0000187	0.000283
2086 Dec	94	0.122	0.164	0.00353	26.2	0.0337	15.7	0.001	0.001	0.00000509	0.00679	0.00128	0.0196	0.0219	0.00000512	20.8	0.0000187	0.000283
2087 Jan	94	0.122	0.164	0.00353	26.2	0.0337	15.7	0.001	0.001	0.00000509	0.00679	0.00128	0.0196	0.0219	0.00000512	20.8	0.0000187	0.000283
2087 Feb	94	0.122	0.164	0.00353	26.2	0.0337	15.7	0.001	0.001	0.00000509	0.00679	0.00128	0.0196	0.0219	0.00000512	20.8	0.0000187	0.000283
2087 Mar	94	0.122	0.164	0.00353	26.2	0.0337	15.7	0.001	0.001	0.00000509	0.00679	0.00128	0.0196	0.0219	0.00000512	20.8	0.0000187	0.000283
2087 Apr	94.1	0.122	0.164	0.00353	26.3	0.0337	15.7	0.001	0.001	0.00000509	0.00679	0.00128	0.0196	0.0219	0.00000512	20.8	0.0000187	0.000284
2087 May	94.1	0.122	0.163	0.00352	26.2	0.0336	15.7	0.001	0.001	0.00000509	0.00679	0.00128	0.0196	0.022	0.00000512	20.8	0.0000188	0.000284
2087 Jun	93.6	0.121	0.161	0.00348	26.1	0.0334	15.5	0.000998	0.000998	0.00000508	0.00678	0.00128	0.0194	0.0221	0.00000511	20.9	0.0000188	0.000285
2087 Jul	93.7	0.121	0.161	0.00348	26.1	0.0335	15.6	0.001	0.001	0.00000509	0.00679	0.00129	0.0194	0.0222	0.00000512	20.9	0.0000188	0.000285
2087 Aug	94	0.121	0.161	0.00349	26.1	0.0336	15.6	0.001	0.001	0.00000511	0.00681	0.00129	0.0195	0.0222	0.00000514	21	0.0000188	0.000286
2087 Sep	94.1	0.121	0.161	0.00349	26.1	0.0337	15.6	0.00101	0.00101	0.00000511	0.00682	0.00129	0.0195	0.0223	0.00000514	21	0.0000188	0.000286
2087 Oct	94	0.121	0.161	0.00348	26.1	0.0337	15.6	0.001	0.001	0.00000511	0.00682	0.00129	0.0195	0.0222	0.00000514	21	0.0000188	0.000286
2087 Nov	93.9	0.121	0.16	0.00348	26.1	0.0337	15.6	0.001	0.001	0.00000511	0.00682	0.00129	0.0195	0.0222	0.00000514	21	0.0000188	0.000286
2087 Dec	93.9	0.121	0.16	0.00348	26.1	0.0337	15.6	0.001	0.001	0.00000511	0.00682	0.00129	0.0195	0.0222	0.00000514	21	0.0000188	0.000286
2088 Jan	93.9	0.121	0.16	0.00348	26.1	0.0337	15.6	0.001	0.001	0.00000511	0.00682	0.00129	0.0195	0.0222	0.00000514	21	0.0000188	0.000286
2088 Feb	93.9	0.121	0.16	0.00348	26.1	0.0337	15.6	0.001	0.001	0.00000511	0.00682	0.00129	0.0195	0.0222	0.00000514	21	0.0000188	0.000286
2088 Mar	93.9	0.121	0.16	0.00348	26.1	0.0337	15.6	0.001	0.001	0.00000511	0.00683	0.00129	0.0195	0.0222	0.00000514	21	0.0000188	0.000286
2088 Apr	94	0.121	0.161	0.00348	26.1	0.0337	15.6	0.00101	0.00101	0.00000511	0.00683	0.00129	0.0195	0.0222	0.00000514	21	0.0000188	0.000286
2088 May	94.2	0.122	0.161	0.00349	26.1	0.0338	15.7	0.00101	0.00101	0.00000512	0.00684	0.00129	0.0196	0.0223	0.00000515	21	0.0000189	0.000287
2088 Jun	93.3	0.12	0.158	0.00344	25.8	0.0335	15.5	0.00101	0.00101	0.00000511	0.00684	0.00129	0.0194	0.0221	0.00000514	20.9	0.0000189	0.000285
2088 Jul	93.3	0.12	0.158	0.00344	25.8	0.0336	15.5	0.00101	0.00101	0.00000513	0.00686	0.00129	0.0194	0.0222	0.00000516	20.9	0.000019	0.000286
2088 Aug	93.8	0.12	0.159	0.00346	25.9	0.0338	15.5	0.00101	0.00101	0.00000515	0.0069	0.0013	0.0195	0.0223	0.00000518	21	0.000019	0.000287
2088 Sep	93.8	0.12	0.159	0.00346	25.9	0.0338	15.6	0.00101	0.00101	0.00000516	0.0069	0.0013	0.0196	0.0223	0.00000519	21	0.0000191	0.000287
2088 Oct	93.4	0.12	0.157	0.00344	25.8	0.0338	15.5	0.00101	0.00101	0.00000514	0.00689	0.00129	0.0195	0.0222	0.00000517	20.9	0.000019	0.000286
2088 Nov	93.4	0.12	0.157	0.00343	25.8	0.0338	15.5	0.00101	0.00101	0.00000514	0.00689	0.00129	0.0195	0.0222	0.00000517	20.9	0.000019	0.000286
2088 Dec	93.4	0.12	0.157	0.00343	25.8	0.0338	15.5	0.00101	0.00101	0.00000514	0.00689	0.00129	0.0195	0.0222	0.00000517	20.9	0.000019	0.000286
2089 Jan	93.4	0.12	0.157	0.00343	25.8	0.0338	15.5	0.00101	0.00101	0.00000514	0.00689	0.00129	0.0195	0.0222	0.00000517	20.9	0.000019	0.000286
2089 Feb	93.4	0.12	0.157	0.00343	25.8	0.0338	15.5	0.00101	0.00101	0.00000514	0.00689	0.00129	0.0195	0.0222	0.00000517	20.9	0.000019	0.000286
2089 Mar	93.4	0.12	0.157	0.00343	25.8	0.0338	15.5	0.00101	0.00101	0.00000514	0.0069	0.00129	0.0195	0.0222	0.00000517	20.9	0.000019	0.000286
2089 Apr	93.4	0.12	0.157	0.00343	25.8	0.0339	15.5	0.00101	0.00101	0.00000514	0.0069	0.00129	0.0195	0.0222	0.00000517	20.9	0.000019	0.000286
2089 May	93.5	0.12	0.157	0.00342	25.8	0.0338	15.5	0.00101	0.00101	0.00000515	0.0069	0.0013	0.0195	0.0223	0.00000518	21	0.000019	0.000287
2089 Jun	93.2	0.119	0.155	0.00339	25.7	0.0336	15.3	0.00101	0.00101	0.00000514	0.00689	0.0013	0.0193	0.0225	0.00000517	21.1	0.000019	0.000289
2089 Jul	93.4	0.119	0.155	0.00339	25.7	0.0337	15.4	0.00101	0.00101	0.00000515	0.00691	0.0013	0.0194	0.0225	0.00000518	21.2	0.0000191	0.000289
2089 Aug	93.5	0.119	0.155	0.00339	25.7	0.0338	15.4	0.00102	0.00102	0.00000517	0.00693	0.00131	0.0194	0.0226	0.0000052	21.2	0.0000191	0.000289

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Sep	93.5	0.119	0.154	0.00339	25.7	0.0339	15.4	0.00102	0.00102	0.00000517	0.00693	0.00131	0.0194	0.0226	0.0000052	21.2	0.0000191	0.000289
2089 Oct	93	0.119	0.153	0.00336	25.5	0.0339	15.3	0.00101	0.00101	0.00000515	0.00692	0.0013	0.0194	0.0225	0.00000518	21.1	0.000019	0.000288
2089 Nov	93	0.118	0.153	0.00336	25.5	0.0339	15.3	0.00101	0.00101	0.00000515	0.00692	0.0013	0.0194	0.0224	0.00000518	21.1	0.000019	0.000288
2089 Dec	93	0.118	0.153	0.00336	25.5	0.0339	15.3	0.00101	0.00101	0.00000515	0.00692	0.0013	0.0194	0.0225	0.00000518	21.1	0.000019	0.000288
2090 Jan	93	0.118	0.153	0.00336	25.5	0.0339	15.3	0.00101	0.00101	0.00000515	0.00692	0.0013	0.0194	0.0225	0.00000518	21.1	0.000019	0.000288
2090 Feb	93	0.118	0.153	0.00336	25.5	0.0339	15.3	0.00101	0.00101	0.00000515	0.00692	0.0013	0.0194	0.0225	0.00000518	21.1	0.000019	0.000288
2090 Mar	93	0.119	0.153	0.00336	25.5	0.0339	15.3	0.00101	0.00101	0.00000515	0.00692	0.0013	0.0194	0.0225	0.00000518	21.1	0.000019	0.000288
2090 Apr	93	0.119	0.153	0.00336	25.5	0.0339	15.3	0.00101	0.00101	0.00000515	0.00692	0.0013	0.0194	0.0225	0.00000518	21.1	0.000019	0.000288
2090 May	93.1	0.119	0.153	0.00336	25.5	0.0339	15.4	0.00102	0.00102	0.00000516	0.00693	0.00131	0.0194	0.0225	0.00000519	21.1	0.000019	0.000288
2090 Jun	92.4	0.117	0.149	0.00329	25.2	0.0335	15.2	0.00101	0.00101	0.00000513	0.0069	0.0013	0.0191	0.0226	0.00000516	21.2	0.000019	0.000289
2090 Jul	92.4	0.116	0.149	0.00329	25.2	0.0336	15.1	0.00101	0.00101	0.00000514	0.00692	0.00131	0.0192	0.0226	0.00000517	21.2	0.0000191	0.000289
2090 Aug	92.1	0.116	0.148	0.00327	25.1	0.0336	15.1	0.00101	0.00101	0.00000514	0.0069	0.0013	0.0191	0.0226	0.00000517	21.1	0.000019	0.000288
2090 Sep	91.7	0.115	0.147	0.00325	25	0.0336	15	0.00101	0.00101	0.00000513	0.00689	0.0013	0.0191	0.0225	0.00000515	21.1	0.0000189	0.000287
2090 Oct	91.1	0.115	0.145	0.00322	24.8	0.0336	14.9	0.00101	0.00101	0.00000511	0.00688	0.0013	0.019	0.0224	0.00000514	21	0.0000188	0.000285
2090 Nov	91	0.115	0.145	0.00322	24.7	0.0336	14.9	0.00101	0.00101	0.0000051	0.00688	0.00129	0.019	0.0223	0.00000513	20.9	0.0000188	0.000285
2090 Dec	91	0.115	0.145	0.00322	24.7	0.0336	14.9	0.00101	0.00101	0.0000051	0.00688	0.00129	0.019	0.0223	0.00000513	20.9	0.0000188	0.000285
2091 Jan	91	0.115	0.145	0.00322	24.7	0.0336	14.9	0.00101	0.00101	0.0000051	0.00688	0.00129	0.019	0.0223	0.00000513	20.9	0.0000188	0.000285
2091 Feb	91	0.115	0.145	0.00322	24.7	0.0336	14.9	0.00101	0.00101	0.0000051	0.00688	0.00129	0.019	0.0223	0.00000513	20.9	0.0000188	0.000285
2091 Mar	91	0.115	0.145	0.00322	24.7	0.0336	14.9	0.00101	0.00101	0.0000051	0.00688	0.00129	0.019	0.0223	0.00000513	20.9	0.0000188	0.000285
2091 Apr	91.1	0.115	0.145	0.00322	24.8	0.0337	14.9	0.00101	0.00101	0.00000511	0.00688	0.00129	0.019	0.0223	0.00000514	20.9	0.0000188	0.000285
2091 May	91.2	0.115	0.145	0.00322	24.8	0.0337	14.9	0.00101	0.00101	0.00000511	0.00689	0.0013	0.019	0.0224	0.00000514	21	0.0000188	0.000286
2091 Jun	90.7	0.114	0.142	0.00316	24.6	0.0333	14.7	0.001	0.001	0.00000509	0.00687	0.0013	0.0187	0.0226	0.00000512	21.1	0.0000188	0.000287
2091 Jul	91	0.114	0.142	0.00317	24.6	0.0334	14.8	0.00101	0.00101	0.00000512	0.0069	0.00131	0.0188	0.0227	0.00000514	21.2	0.0000189	0.000288
2091 Aug	90.9	0.113	0.141	0.00316	24.6	0.0335	14.8	0.00101	0.00101	0.00000512	0.0069	0.00131	0.0188	0.0227	0.00000515	21.1	0.0000188	0.000288
2091 Sep	90.7	0.113	0.141	0.00315	24.5	0.0336	14.7	0.00101	0.00101	0.00000512	0.00689	0.0013	0.0188	0.0226	0.00000514	21.1	0.0000188	0.000287
2091 Oct	90.4	0.113	0.14	0.00314	24.4	0.0336	14.7	0.00101	0.00101	0.00000511	0.00688	0.0013	0.0188	0.0226	0.00000513	21.1	0.0000187	0.000287
2091 Nov	90.2	0.113	0.139	0.00313	24.3	0.0336	14.7	0.001	0.001	0.0000051	0.00688	0.0013	0.0188	0.0225	0.00000513	21	0.0000187	0.000286
2091 Dec	90.2	0.113	0.139	0.00313	24.3	0.0336	14.7	0.001	0.001	0.0000051	0.00688	0.0013	0.0188	0.0225	0.00000513	21	0.0000187	0.000286
2092 Jan	90.2	0.113	0.139	0.00313	24.3	0.0336	14.7	0.001	0.001	0.0000051	0.00688	0.0013	0.0188	0.0225	0.00000513	21	0.0000187	0.000286
2092 Feb	90.2	0.113	0.139	0.00313	24.3	0.0336	14.7	0.001	0.001	0.0000051	0.00688	0.0013	0.0188	0.0225	0.00000513	21	0.0000187	0.000286
2092 Mar	90.2	0.113	0.139	0.00313	24.4	0.0336	14.7	0.001	0.001	0.0000051	0.00688	0.0013	0.0188	0.0225	0.00000513	21	0.0000187	0.000286
2092 Apr	90.3	0.113	0.139	0.00313	24.4	0.0336	14.7	0.00101	0.00101	0.0000051	0.00688	0.0013	0.0188	0.0225	0.00000513	21	0.0000187	0.000286
2092 May	90.4	0.113	0.139	0.00312	24.4	0.0336	14.7	0.00101	0.00101	0.0000051	0.00689	0.0013	0.0188	0.0226	0.00000513	21.1	0.0000187	0.000287
2092 Jun	89.4	0.111	0.135	0.00305	24	0.033	14.4	0.000998	0.000998	0.00000506	0.00684	0.0013	0.0184	0.0227	0.00000509	21.1	0.0000187	0.000287
2092 Jul	89.2	0.11	0.134	0.00304	23.9	0.033	14.4	0.000999	0.000999	0.00000507	0.00684	0.0013	0.0184	0.0227	0.00000509	21.1	0.0000187	0.000287
2092 Aug	89.5	0.11	0.135	0.00304	24	0.0331	14.4	0.001	0.001	0.00000508	0.00687	0.0013	0.0185	0.0228	0.00000511	21.1	0.0000188	0.000288
2092 Sep	89.5	0.11	0.134	0.00304	23.9	0.0332	14.4	0.001	0.001	0.00000508	0.00687	0.0013	0.0185	0.0227	0.00000511	21.1	0.0000187	0.000288
2092 Oct	89.4	0.11	0.134	0.00303	23.9	0.0332	14.4	0.001	0.001	0.00000508	0.00687	0.0013	0.0185	0.0227	0.00000511	21.1	0.0000187	0.000287
2092 Nov	89.4	0.11	0.134	0.00303	23.9	0.0333	14.5	0.001	0.001	0.00000508	0.00687	0.0013	0.0185	0.0227	0.00000511	21.1	0.0000187	0.000287
2092 Dec	89.4	0.11	0.134	0.00303	23.9	0.0333	14.5	0.001	0.001	0.00000508	0.00687	0.0013	0.0185	0.0227	0.00000511	21.1	0.0000187	0.000287
2093 Jan	89.4	0.11	0.134	0.00303	23.9	0.0333	14.5	0.001	0.001	0.00000508	0.00687	0.0013	0.0185	0.0227	0.00000511	21.1	0.0000187	0.000287
2093 Feb	89.4	0.11	0.134	0.00303	23.9	0.0333	14.5	0.001	0.001	0.00000508	0.00687	0.0013	0.0185	0.0227	0.00000511	21.1	0.0000187	0.000287
2093 Mar	89.4	0.11	0.134	0.00303	23.9	0.0333	14.5	0.001	0.001	0.00000508	0.00687	0.0013	0.0185	0.0227	0.00000511	21.1	0.0000187	0.000287
2093 Apr	89.5	0.11	0.134	0.00303	23.9	0.0333	14.5	0.001	0.001	0.00000508	0.00687	0.0013	0.0185	0.0227	0.00000511	21.1	0.0000187	0.000287
2093 May	89.6	0.11	0.134	0.00303	23.9	0.0333	14.5	0.001	0.001	0.00000509	0.00688	0.00131	0.0185	0.0228	0.00000512	21.2	0.0000188	0.000288
2093 Jun	89.1	0.109	0.131	0.00298	23.7	0.0329	14.3	0.001	0.001	0.00000507	0.00685	0.00131	0.0183	0.0229	0.0000051	21.2	0.0000187	0.000289
2093 Jul	89.2	0.109	0.131	0.00299	23.8	0.0331	14.3	0.001	0.001	0.00000509	0.00688	0.00131	0.0184	0.023	0.00000511	21.3	0.0000188	0.000289
2093 Aug	89.4	0.109	0.131	0.00299	23.8	0.0332	14.3	0.00101	0.00101	0.0000051	0.00689	0.00131	0.0184	0.023	0.00000513	21.3	0.0000188	0.00029
2093 Sep	89.4	0.109	0.131	0.00299	23.8	0.0332	14.3	0.00101	0.00101	0.0000051	0.0069	0.00131	0.0184	0.023	0.00000513	21.3	0.0000188	0.00029
2093 Oct	88.9	0.109	0.13	0.00296	23.6	0.0332	14.3	0.001	0.001	0.00000508	0.00688	0.00131	0.0184	0.0229	0.00000511	21.2	0.0000187	0.000288
2093 Nov	88.7	0.109	0.129	0.00295	23.6	0.0332	14.3	0.001	0.001	0.00000508	0.00688	0.00131	0.0183	0.0229	0.00000511	21.2	0.0000187	0.000288
2093 Dec	88.7	0.109	0.129	0.00295	23.6	0.0332	14.3	0.001	0.001	0.00000508	0.00688	0.00131	0.0183	0.0229	0.00000511	21.2	0.0000187	0.000288
2094 Jan	88.7	0.109	0.129	0.00295	23.6	0.0332	14.3	0.001	0.001	0.00000508	0.00688	0.00131	0.0183	0.0229	0.00000511	21.2	0.0000187	0.000288
2094 Feb	88.7	0.109	0.129	0.00295	23.6	0.0332	14.3	0.001	0.001	0.00000508	0.00688	0.00131	0.0183	0.0229	0.00000511	21.2	0.0000187	0.000288
2094 Mar	88.8	0.109	0.129	0.00295	23.6	0.0332	14.3	0.001	0.001	0.00000508	0.00688	0.00131	0.0183	0.0229	0.00000511	21.2	0.0000187	0.000288
2094 Apr	88.8	0.109	0.129	0.00296	23.6	0.0332	14.3	0.001	0.001	0.00000508	0.00689	0.00131	0.0184	0.0229	0.00000511	21.2	0.0000187	0.000288
2094 May	88.8	0.108	0.129	0.00295	23.6	0.0332	14.2	0.001	0.001	0.00000508	0.00688	0.00131	0.0183	0.023	0.00000511	21.3	0.0000187	0.000289
2094 Jun	88.7	0.108	0.127	0.00292	23.5	0.033	14.2	0.001	0.001	0.00000507	0.00688	0.00131	0.0182	0.0231	0.0000051	21.4	0.0000188	0.00029
2094 Jul	89.1	0.108	0.128	0.00293	23.6	0.0332	14.2	0.00101	0.00101	0.0000051	0.00692	0.00132	0.0183	0.0232	0.00000513	21.5	0.0000188	0.000291
2094 Aug	89.5	0.109	0.128	0.00294	23.7	0.0334	14.3	0.00101	0.00101	0.00000512	0.00695	0.00133	0.0184	0.0233	0.00000515	21.6	0.0000189	0.000293
2094 Sep	89.4	0.108	0.128	0.00293	23.6	0.0334	14.3	0.00101	0.00101	0.00000512	0.00695	0.00133	0.0184	0.0233	0.00000515	21.5	0.0000189	0.000292
2094 Oct	89.2	0.108	0.127	0.00292	23.5	0.0334	14.3	0.00101	0.00101	0.00000511	0.00694	0.00132	0.0184	0.0232	0.00000514	21.5	0.0000189	0.000291
2094 Nov	88.9	0.108	0.126	0.0029	23.5	0.0334	14.2	0.00101	0.00101	0.0000051	0.00694	0.00132	0.0183	0.0232	0.00000513	21.4	0.0000188	0.000291
2094 Dec	88.9	0.108	0.126	0.0029	23.4	0.0334	14.2	0.00101	0.00101	0.0000051	0.00694	0.00132	0.0183	0.0232	0.00000513	21.4	0.0000188	0.00029
2095 Jan	88.9	0.108	0.126	0.0029	23.4	0.0334	14.2	0.00101	0.00101	0.0000051	0.00694	0.00132	0.0183	0.0232	0.00000513	21.4	0.0000188	0.00029
2095 Feb	88.9	0.108	0.126	0.0029	23.4	0.0334	14.2	0.00101	0.00101	0.0000051	0.00694	0.00132	0.0183	0.0232	0.00000513	21.4	0.0000188	0.00029
2095 Mar	88.9	0.108	0.126	0.0029	23.4	0.0334	14.2	0.00101	0.00101	0.0000051	0.00694	0.00132	0.0183	0.0232	0.00000513	21.4	0.0000188	0.00029

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Apr	88.9	0.108	0.126	0.0029	23.5	0.0334	14.2	0.00101	0.00101	0.0000051	0.00694	0.00132	0.0184	0.0232	0.00000513	21.4	0.0000188	0.000291
2095 May	88.9	0.108	0.126	0.00289	23.4	0.0334	14.2	0.00101	0.00101	0.0000051	0.00694	0.00132	0.0183	0.0233	0.00000513	21.5	0.0000188	0.000291
2095 Jun	89	0.108	0.125	0.00288	23.4	0.0333	14.1	0.00101	0.00101	0.00000511	0.00695	0.00133	0.0182	0.0234	0.00000514	21.6	0.0000189	0.000293
2095 Jul	89.3	0.108	0.125	0.00289	23.5	0.0335	14.2	0.00101	0.00101	0.00000513	0.00698	0.00133	0.0183	0.0235	0.00000516	21.7	0.000019	0.000294
2095 Aug	89.2	0.108	0.125	0.00288	23.5	0.0335	14.2	0.00101	0.00101	0.00000513	0.00697	0.00133	0.0183	0.0235	0.00000516	21.7	0.0000189	0.000293
2095 Sep	89.1	0.108	0.124	0.00288	23.4	0.0336	14.2	0.00101	0.00101	0.00000513	0.00697	0.00133	0.0183	0.0235	0.00000516	21.6	0.0000189	0.000293
2095 Oct	89.1	0.108	0.124	0.00287	23.4	0.0336	14.2	0.00101	0.00101	0.00000513	0.00698	0.00133	0.0183	0.0235	0.00000516	21.6	0.0000189	0.000293
2095 Nov	88.9	0.107	0.124	0.00287	23.4	0.0336	14.2	0.00101	0.00101	0.00000513	0.00697	0.00133	0.0183	0.0234	0.00000516	21.6	0.0000188	0.000293
2095 Dec	88.9	0.107	0.123	0.00286	23.3	0.0336	14.2	0.00101	0.00101	0.00000513	0.00697	0.00133	0.0183	0.0234	0.00000516	21.6	0.0000188	0.000293
2096 Jan	88.9	0.107	0.123	0.00286	23.3	0.0336	14.2	0.00101	0.00101	0.00000513	0.00697	0.00133	0.0183	0.0234	0.00000516	21.6	0.0000188	0.000293
2096 Feb	88.9	0.107	0.123	0.00286	23.3	0.0336	14.2	0.00101	0.00101	0.00000513	0.00697	0.00133	0.0183	0.0234	0.00000516	21.6	0.0000188	0.000293
2096 Mar	88.9	0.107	0.123	0.00286	23.4	0.0336	14.2	0.00101	0.00101	0.00000513	0.00697	0.00133	0.0183	0.0234	0.00000516	21.6	0.0000188	0.000293
2096 Apr	88.9	0.108	0.124	0.00287	23.4	0.0336	14.2	0.00101	0.00101	0.00000513	0.00698	0.00133	0.0183	0.0234	0.00000516	21.6	0.0000189	0.000293
2096 May	89.1	0.107	0.123	0.00286	23.4	0.0336	14.2	0.00101	0.00101	0.00000513	0.00698	0.00133	0.0183	0.0235	0.00000516	21.7	0.0000189	0.000293
2096 Jun	88	0.105	0.12	0.0028	23	0.0331	13.9	0.00101	0.00101	0.0000051	0.00694	0.00133	0.0181	0.0234	0.00000512	21.6	0.0000188	0.000292
2096 Jul	88.1	0.105	0.12	0.0028	23	0.0332	13.9	0.00101	0.00101	0.00000511	0.00696	0.00133	0.0181	0.0235	0.00000514	21.6	0.0000189	0.000293
2096 Aug	88.4	0.105	0.12	0.00281	23.1	0.0333	14	0.00101	0.00101	0.00000513	0.00699	0.00133	0.0181	0.0236	0.00000516	21.7	0.000019	0.000294
2096 Sep	88.2	0.105	0.12	0.0028	23	0.0334	14	0.00101	0.00101	0.00000513	0.00698	0.00133	0.0181	0.0235	0.00000516	21.6	0.0000189	0.000293
2096 Oct	87.8	0.105	0.118	0.00278	22.9	0.0334	13.9	0.00101	0.00101	0.00000511	0.00698	0.00133	0.0181	0.0234	0.00000514	21.5	0.0000189	0.000292
2096 Nov	87.8	0.105	0.118	0.00278	22.9	0.0334	13.9	0.00101	0.00101	0.00000511	0.00698	0.00133	0.0181	0.0234	0.00000514	21.5	0.0000188	0.000292
2096 Dec	87.8	0.105	0.118	0.00278	22.9	0.0334	13.9	0.00101	0.00101	0.00000511	0.00698	0.00133	0.0181	0.0234	0.00000514	21.5	0.0000188	0.000292
2097 Jan	87.8	0.105	0.118	0.00278	22.9	0.0334	13.9	0.00101	0.00101	0.00000511	0.00698	0.00133	0.0181	0.0234	0.00000514	21.5	0.0000188	0.000292
2097 Feb	87.8	0.105	0.118	0.00278	22.9	0.0334	13.9	0.00101	0.00101	0.00000511	0.00698	0.00133	0.0181	0.0234	0.00000514	21.5	0.0000188	0.000292
2097 Mar	87.8	0.105	0.118	0.00278	22.9	0.0334	13.9	0.00101	0.00101	0.00000511	0.00698	0.00133	0.0181	0.0234	0.00000514	21.5	0.0000188	0.000292
2097 Apr	87.8	0.105	0.118	0.00278	22.9	0.0334	13.9	0.00101	0.00101	0.00000512	0.00698	0.00133	0.0181	0.0234	0.00000514	21.5	0.0000189	0.000292
2097 May	88	0.105	0.118	0.00278	22.9	0.0334	13.9	0.00101	0.00101	0.00000512	0.00699	0.00133	0.0181	0.0235	0.00000515	21.6	0.0000189	0.000293
2097 Jun	87.8	0.105	0.117	0.00275	22.8	0.0332	13.8	0.00101	0.00101	0.00000512	0.00698	0.00133	0.018	0.0236	0.00000514	21.7	0.0000189	0.000294
2097 Jul	88.1	0.105	0.117	0.00276	22.9	0.0334	13.8	0.00102	0.00102	0.00000514	0.00701	0.00134	0.018	0.0237	0.00000517	21.8	0.000019	0.000295
2097 Aug	88.3	0.105	0.117	0.00277	22.9	0.0335	13.9	0.00102	0.00102	0.00000515	0.00703	0.00134	0.0181	0.0238	0.00000518	21.8	0.000019	0.000295
2097 Sep	88.3	0.105	0.117	0.00277	22.9	0.0336	13.9	0.00102	0.00102	0.00000516	0.00704	0.00134	0.0181	0.0238	0.00000519	21.8	0.000019	0.000296
2097 Oct	88.2	0.105	0.117	0.00276	22.9	0.0336	13.9	0.00102	0.00102	0.00000516	0.00704	0.00134	0.0181	0.0238	0.00000518	21.8	0.000019	0.000295
2097 Nov	88.2	0.105	0.117	0.00276	22.9	0.0336	13.9	0.00102	0.00102	0.00000515	0.00704	0.00134	0.0181	0.0237	0.00000518	21.8	0.000019	0.000295
2097 Dec	88.2	0.105	0.117	0.00276	22.9	0.0336	13.9	0.00102	0.00102	0.00000515	0.00704	0.00134	0.0181	0.0237	0.00000518	21.8	0.000019	0.000295
2098 Jan	88.2	0.105	0.117	0.00276	22.9	0.0336	13.9	0.00102	0.00102	0.00000515	0.00704	0.00134	0.0181	0.0237	0.00000518	21.8	0.000019	0.000295
2098 Feb	88.2	0.105	0.117	0.00276	22.9	0.0336	13.9	0.00102	0.00102	0.00000515	0.00704	0.00134	0.0181	0.0237	0.00000518	21.8	0.000019	0.000295
2098 Mar	88.2	0.105	0.117	0.00276	22.9	0.0336	13.9	0.00102	0.00102	0.00000516	0.00704	0.00134	0.0181	0.0237	0.00000518	21.8	0.000019	0.000295
2098 Apr	88.2	0.105	0.117	0.00276	22.9	0.0336	13.9	0.00102	0.00102	0.00000516	0.00704	0.00134	0.0181	0.0237	0.00000518	21.8	0.000019	0.000295
2098 May	88.3	0.105	0.116	0.00274	22.9	0.0335	13.8	0.00102	0.00102	0.00000516	0.00704	0.00135	0.018	0.0239	0.00000518	21.9	0.000019	0.000297
2098 Jun	87.5	0.103	0.113	0.00269	22.7	0.033	13.6	0.00101	0.00101	0.00000512	0.00699	0.00135	0.0177	0.024	0.00000514	21.9	0.0000189	0.000297
2098 Jul	87.8	0.103	0.114	0.0027	22.7	0.0332	13.6	0.00102	0.00102	0.00000514	0.00702	0.00135	0.0178	0.0241	0.00000517	22	0.000019	0.000298
2098 Aug	87.9	0.103	0.113	0.0027	22.7	0.0332	13.6	0.00102	0.00102	0.00000515	0.00702	0.00135	0.0178	0.0241	0.00000517	22	0.000019	0.000298
2098 Sep	87.4	0.103	0.112	0.00268	22.6	0.0333	13.6	0.00101	0.00101	0.00000513	0.00701	0.00135	0.0178	0.024	0.00000516	21.9	0.0000189	0.000297
2098 Oct	87	0.103	0.111	0.00266	22.5	0.0333	13.5	0.00101	0.00101	0.00000512	0.007	0.00134	0.0177	0.0239	0.00000514	21.8	0.0000188	0.000295
2098 Nov	86.9	0.103	0.111	0.00265	22.4	0.0333	13.5	0.00101	0.00101	0.00000511	0.007	0.00134	0.0177	0.0238	0.00000514	21.8	0.0000188	0.000295
2098 Dec	86.9	0.103	0.111	0.00265	22.4	0.0333	13.5	0.00101	0.00101	0.00000511	0.007	0.00134	0.0177	0.0238	0.00000514	21.8	0.0000188	0.000295
2099 Jan	86.9	0.103	0.111	0.00265	22.4	0.0333	13.5	0.00101	0.00101	0.00000511	0.007	0.00134	0.0177	0.0238	0.00000514	21.8	0.0000188	0.000295
2099 Feb	86.9	0.103	0.111	0.00265	22.4	0.0333	13.5	0.00101	0.00101	0.00000511	0.007	0.00134	0.0177	0.0238	0.00000514	21.8	0.0000188	0.000295
2099 Mar	86.9	0.103	0.111	0.00266	22.4	0.0333	13.5	0.00101	0.00101	0.00000511	0.007	0.00134	0.0177	0.0238	0.00000514	21.8	0.0000188	0.000295
2099 Apr	87	0.103	0.111	0.00266	22.4	0.0333	13.5	0.00101	0.00101	0.00000512	0.007	0.00134	0.0177	0.0239	0.00000514	21.8	0.0000188	0.000295
2099 May	87.1	0.102	0.11	0.00263	22.5	0.033	13.4	0.00101	0.00101	0.00000511	0.00698	0.00135	0.0175	0.0242	0.00000513	22	0.0000188	0.000298
2099 Jun	86.9	0.102	0.109	0.00261	22.4	0.0329	13.3	0.00101	0.00101	0.0000051	0.00697	0.00135	0.0174	0.0243	0.00000512	22.1	0.0000188	0.000298
2099 Jul	87.2	0.102	0.109	0.00262	22.4	0.033	13.4	0.00101	0.00101	0.00000512	0.007	0.00136	0.0175	0.0243	0.00000514	22.1	0.0000189	0.000299
2099 Aug	87.4	0.102	0.109	0.00262	22.5	0.0332	13.4	0.00102	0.00102	0.00000514	0.00702	0.00136	0.0176	0.0244	0.00000516	22.2	0.0000189	0.0003
2099 Sep	87.2	0.102	0.109	0.00261	22.4	0.0332	13.4	0.00101	0.00101	0.00000513	0.00701	0.00136	0.0176	0.0244	0.00000516	22.1	0.0000189	0.000299
2099 Oct	87	0.102	0.108	0.0026	22.3	0.0332	13.4	0.00101	0.00101	0.00000512	0.00701	0.00135	0.0175	0.0243	0.00000515	22.1	0.0000188	0.000298
2099 Nov	86.8	0.102	0.108	0.00259	22.3	0.0332	13.3	0.00101	0.00101	0.00000511	0.007	0.00135	0.0175	0.0242	0.00000514	22.1	0.0000188	0.000298
2099 Dec	86.8	0.102	0.108	0.00259	22.3	0.0332	13.3	0.00101	0.00101	0.00000511	0.007	0.00135	0.0175	0.0242	0.00000514	22.1	0.0000188	0.000298
2100 Jan	86.8	0.102	0.108	0.00259	22.3	0.0332	13.3	0.00101	0.00101	0.00000511	0.007	0.00135	0.0175	0.0242	0.00000514	22.1	0.0000188	0.000298
2100 Feb	86.8	0.102	0.108	0.00259	22.3	0.0332	13.3	0.00101	0.00101	0.00000511	0.007	0.00135	0.0175	0.0242	0.00000514	22.1	0.0000188	0.000298
2100 Mar	86.8	0.102	0.108	0.00259	22.3	0.0332	13.3	0.00101	0.00101	0.00000511	0.007	0.00135	0.0175	0.0242	0.00000514	22.1	0.0000188	0.000298
2100 Apr	86.9	0.102	0.108	0.0026	22.3	0.0332	13.4	0.00101	0.00101	0.00000512	0.00701	0.00135	0.0175	0.0243	0.00000514	22.1	0.0000188	0.000298
2100 May	86.9	0.102	0.107	0.00258	22.3	0.0331	13.3	0.00101	0.00101	0.00000512	0.00701	0.00136	0.0175	0.0244	0.00000515	22.2	0.0000189	0.000299
2100 Jun	86.3	0.1	0.105	0.00254	22.1	0.0327	13.1	0.00101	0.00101	0.00000509	0.00697	0.00135	0.0172	0.0244	0.00000511	22.1	0.0000188	0.000299
2100 Jul	86.3	0.1	0.105	0.00254	22.1	0.0327	13.1	0.00101	0.00101	0.00000509	0.00698	0.00136	0.0172	0.0244	0.00000512	22.1	0.0000188	0.000299
2100 Aug	86.1	0.0998	0.104	0.00253	22	0.0328	13.1	0.00101	0.00101	0.00000509	0.00697	0.00135	0.0172	0.0244	0.00000512	22.1	0.0000188	0.000299
2100 Sep	86	0.0996	0.104	0.00253	22	0.0328	13.1	0.00101	0.00101	0.00000509	0.00697	0.00135	0.0172	0.0244	0.00000512	22.1	0.0000187	0.000298
2100 Oct	86	0.0997	0.104	0.00252	22	0.0329	13.1	0.00101	0.00101	0.00000509	0.00697	0.00135	0.0172	0.0244	0.00000512	22.1	0.0000187	0.000298

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2100 Nov	86	0.0997	0.104	0.00252	22	0.0329	13.1	0.00101	0.00101	0.00000509	0.00697	0.00135	0.0172	0.0244	0.00000512	22.1	0.0000187	0.000298
2100 Dec	86	0.0997	0.104	0.00252	22	0.0329	13.1	0.00101	0.00101	0.00000509	0.00697	0.00135	0.0172	0.0244	0.00000512	22.1	0.0000187	0.000298
2101 Jan	86	0.0997	0.104	0.00252	22	0.0329	13.1	0.00101	0.00101	0.00000509	0.00697	0.00135	0.0172	0.0244	0.00000512	22.1	0.0000187	0.000298
2101 Feb	86	0.0997	0.104	0.00252	22	0.0329	13.1	0.00101	0.00101	0.00000509	0.00697	0.00135	0.0172	0.0244	0.00000512	22.1	0.0000187	0.000298
2101 Mar	86	0.0997	0.104	0.00252	22	0.0329	13.1	0.00101	0.00101	0.00000509	0.00697	0.00135	0.0172	0.0244	0.00000512	22.1	0.0000187	0.000298
2101 Apr	86	0.0997	0.104	0.00252	22	0.0329	13.1	0.00101	0.00101	0.0000051	0.00697	0.00135	0.0172	0.0244	0.00000512	22.1	0.0000187	0.000298
2101 May	86.1	0.0995	0.103	0.00251	22	0.0328	13.1	0.00101	0.00101	0.0000051	0.00697	0.00136	0.0172	0.0245	0.00000512	22.2	0.0000188	0.0003
2101 Jun	85.7	0.0987	0.102	0.00249	21.9	0.0325	12.9	0.00101	0.00101	0.00000508	0.00695	0.00136	0.017	0.0246	0.00000511	22.2	0.0000187	0.0003
2101 Jul	86.1	0.099	0.102	0.0025	21.9	0.0327	13	0.00101	0.00101	0.0000051	0.00698	0.00136	0.0171	0.0247	0.00000513	22.3	0.0000188	0.000301
2101 Aug	86.4	0.0993	0.102	0.0025	22	0.0328	13	0.00101	0.00101	0.00000512	0.00701	0.00137	0.0172	0.0247	0.00000515	22.4	0.0000189	0.000302
2101 Sep	86.2	0.0991	0.102	0.0025	21.9	0.0329	13	0.00101	0.00101	0.00000512	0.007	0.00137	0.0172	0.0247	0.00000514	22.3	0.0000188	0.000301
2101 Oct	86.1	0.0991	0.102	0.00249	21.9	0.0329	13	0.00101	0.00101	0.00000512	0.007	0.00136	0.0172	0.0247	0.00000514	22.3	0.0000188	0.000301
2101 Nov	85.9	0.099	0.101	0.00248	21.9	0.0329	13	0.00101	0.00101	0.00000511	0.007	0.00136	0.0171	0.0246	0.00000513	22.2	0.0000188	0.0003
2101 Dec	85.9	0.099	0.101	0.00248	21.9	0.0329	13	0.00101	0.00101	0.00000511	0.007	0.00136	0.0171	0.0246	0.00000513	22.2	0.0000188	0.0003
2102 Jan	85.9	0.099	0.101	0.00248	21.9	0.0329	13	0.00101	0.00101	0.00000511	0.007	0.00136	0.0171	0.0246	0.00000513	22.2	0.0000188	0.0003
2102 Feb	85.9	0.099	0.101	0.00248	21.9	0.0329	13	0.00101	0.00101	0.00000511	0.007	0.00136	0.0171	0.0246	0.00000513	22.2	0.0000188	0.0003
2102 Mar	85.9	0.099	0.101	0.00248	21.9	0.0329	13	0.00101	0.00101	0.00000511	0.007	0.00136	0.0171	0.0246	0.00000513	22.2	0.0000188	0.0003
2102 Apr	86	0.0991	0.101	0.00248	21.9	0.0329	13	0.00101	0.00101	0.00000511	0.007	0.00136	0.0171	0.0246	0.00000514	22.3	0.0000188	0.0003
2102 May	86.1	0.0992	0.101	0.00249	21.9	0.0329	13	0.00101	0.00101	0.00000512	0.00701	0.00136	0.0172	0.0246	0.00000514	22.3	0.0000188	0.000301
2102 Jun	84.9	0.0972	0.0992	0.00245	21.5	0.0326	12.8	0.00101	0.00101	0.00000509	0.00699	0.00135	0.017	0.0243	0.00000512	22	0.0000188	0.000298
2102 Jul	84.4	0.0963	0.0982	0.00243	21.4	0.0325	12.7	0.00101	0.00101	0.00000509	0.00699	0.00135	0.0169	0.0242	0.00000512	21.9	0.0000188	0.000297
2102 Aug	84.5	0.0965	0.0983	0.00244	21.4	0.0326	12.7	0.00101	0.00101	0.00000511	0.00701	0.00135	0.017	0.0242	0.00000513	21.9	0.0000189	0.000297
2102 Sep	84.5	0.0965	0.0981	0.00244	21.4	0.0327	12.7	0.00101	0.00101	0.00000511	0.00701	0.00135	0.017	0.0242	0.00000514	21.9	0.0000188	0.000297
2102 Oct	84.2	0.0963	0.0975	0.00242	21.3	0.0326	12.6	0.00101	0.00101	0.0000051	0.007	0.00134	0.0169	0.0241	0.00000512	21.8	0.0000188	0.000296
2102 Nov	84.2	0.0963	0.0975	0.00242	21.3	0.0326	12.6	0.00101	0.00101	0.0000051	0.007	0.00134	0.0169	0.0241	0.00000512	21.8	0.0000188	0.000296
2102 Dec	84.2	0.0963	0.0975	0.00242	21.3	0.0327	12.6	0.00101	0.00101	0.0000051	0.007	0.00134	0.0169	0.0241	0.00000512	21.8	0.0000188	0.000296
2103 Jan	84.2	0.0963	0.0975	0.00242	21.3	0.0327	12.6	0.00101	0.00101	0.0000051	0.007	0.00135	0.0169	0.0241	0.00000512	21.8	0.0000188	0.000296
2103 Feb	84.2	0.0963	0.0975	0.00242	21.3	0.0327	12.6	0.00101	0.00101	0.0000051	0.007	0.00135	0.0169	0.0241	0.00000512	21.8	0.0000188	0.000296
2103 Mar	84.2	0.0963	0.0975	0.00242	21.3	0.0327	12.6	0.00101	0.00101	0.0000051	0.00701	0.00135	0.0169	0.0241	0.00000512	21.8	0.0000188	0.000296
2103 Apr	84.2	0.0964	0.0975	0.00243	21.3	0.0327	12.6	0.00101	0.00101	0.0000051	0.00701	0.00135	0.0169	0.0241	0.00000513	21.8	0.0000188	0.000296
2103 May	84.4	0.0962	0.0971	0.00242	21.3	0.0326	12.6	0.00101	0.00101	0.0000051	0.00701	0.00135	0.0169	0.0243	0.00000513	21.9	0.0000188	0.000297
2103 Jun	83.9	0.0949	0.0951	0.00238	21.1	0.0322	12.5	0.001	0.001	0.00000507	0.00697	0.00135	0.0167	0.0243	0.0000051	21.9	0.0000188	0.000298
2103 Jul	83.8	0.0947	0.0948	0.00237	21.1	0.0323	12.5	0.00101	0.00101	0.00000508	0.00698	0.00135	0.0167	0.0243	0.00000511	21.9	0.0000188	0.000298
2103 Aug	83.6	0.0942	0.0942	0.00237	21	0.0323	12.4	0.00101	0.00101	0.00000508	0.00697	0.00135	0.0167	0.0243	0.00000511	21.9	0.0000187	0.000297
2103 Sep	83.3	0.0941	0.0936	0.00236	21	0.0324	12.4	0.00101	0.00101	0.00000508	0.00697	0.00134	0.0166	0.0242	0.0000051	21.8	0.0000187	0.000296
2103 Oct	82.9	0.094	0.0927	0.00234	20.8	0.0324	12.3	0.001	0.001	0.00000506	0.00696	0.00134	0.0166	0.0241	0.00000508	21.7	0.0000186	0.000294
2103 Nov	82.8	0.0939	0.0925	0.00234	20.8	0.0324	12.3	0.001	0.001	0.00000506	0.00695	0.00134	0.0165	0.0241	0.00000508	21.7	0.0000186	0.000294
2103 Dec	82.8	0.0939	0.0925	0.00234	20.8	0.0324	12.3	0.001	0.001	0.00000506	0.00696	0.00134	0.0165	0.0241	0.00000508	21.7	0.0000186	0.000294
2104 Jan	82.8	0.0939	0.0925	0.00234	20.8	0.0324	12.3	0.001	0.001	0.00000506	0.00696	0.00134	0.0165	0.0241	0.00000508	21.7	0.0000186	0.000294
2104 Feb	82.8	0.0939	0.0925	0.00234	20.8	0.0324	12.3	0.001	0.001	0.00000506	0.00696	0.00134	0.0165	0.0241	0.00000508	21.7	0.0000186	0.000294
2104 Mar	82.8	0.094	0.0925	0.00234	20.8	0.0324	12.3	0.001	0.001	0.00000506	0.00696	0.00134	0.0165	0.0241	0.00000508	21.7	0.0000186	0.000294
2104 Apr	82.8	0.094	0.0926	0.00234	20.8	0.0324	12.3	0.001	0.001	0.00000506	0.00696	0.00134	0.0166	0.0241	0.00000508	21.7	0.0000186	0.000294
2104 May	83	0.0938	0.092	0.00233	20.8	0.0323	12.3	0.001	0.001	0.00000506	0.00696	0.00134	0.0165	0.0242	0.00000509	21.8	0.0000186	0.000296
2104 Jun	82.5	0.0928	0.0904	0.00229	20.7	0.032	12.1	0.000998	0.000998	0.00000504	0.00692	0.00134	0.0163	0.0243	0.00000506	21.8	0.0000186	0.000296
2104 Jul	82.6	0.0928	0.0904	0.0023	20.7	0.032	12.1	0.001	0.001	0.00000505	0.00694	0.00134	0.0163	0.0243	0.00000507	21.8	0.0000186	0.000296
2104 Aug	82.6	0.0928	0.0904	0.0023	20.7	0.0321	12.1	0.001	0.001	0.00000506	0.00695	0.00135	0.0164	0.0243	0.00000508	21.9	0.0000186	0.000296
2104 Sep	82.4	0.0927	0.0899	0.00229	20.6	0.0322	12.1	0.001	0.001	0.00000505	0.00694	0.00134	0.0163	0.0243	0.00000508	21.8	0.0000186	0.000296
2104 Oct	82.2	0.0926	0.0893	0.00228	20.6	0.0322	12.1	0.000999	0.000999	0.00000504	0.00694	0.00134	0.0163	0.0242	0.00000507	21.7	0.0000185	0.000295
2104 Nov	82.1	0.0926	0.0892	0.00228	20.6	0.0322	12.1	0.000999	0.000999	0.00000504	0.00694	0.00134	0.0163	0.0242	0.00000507	21.7	0.0000185	0.000294
2104 Dec	82.1	0.0926	0.0892	0.00228	20.6	0.0322	12.1	0.000999	0.000999	0.00000504	0.00694	0.00134	0.0163	0.0242	0.00000507	21.7	0.0000185	0.000294
2105 Jan	82.1	0.0926	0.0892	0.00228	20.6	0.0322	12.1	0.000999	0.000999	0.00000504	0.00694	0.00134	0.0163	0.0242	0.00000507	21.7	0.0000185	0.000294
2105 Feb	82.1	0.0926	0.0892	0.00228	20.6	0.0322	12.1	0.000999	0.000999	0.00000504	0.00694	0.00134	0.0163	0.0242	0.00000507	21.7	0.0000185	0.000294
2105 Mar	82.1	0.0926	0.0892	0.00228	20.6	0.0322	12.1	0.000999	0.000999	0.00000504	0.00694	0.00134	0.0163	0.0242	0.00000507	21.7	0.0000185	0.000294
2105 Apr	82.1	0.0926	0.0892	0.00228	20.6	0.0322	12.1	0.000999	0.000999	0.00000504	0.00694	0.00134	0.0163	0.0242	0.00000507	21.7	0.0000185	0.000294
2105 May	82.2	0.0925	0.0888	0.00227	20.6	0.0321	12	0.001	0.001	0.00000504	0.00694	0.00134	0.0163	0.0243	0.00000507	21.8	0.0000185	0.000296
2105 Jun	82.2	0.0921	0.088	0.00225	20.5	0.032	12	0.000999	0.000999	0.00000504	0.00694	0.00135	0.0162	0.0244	0.00000506	21.9	0.0000186	0.000297
2105 Jul	82.4	0.0922	0.0881	0.00226	20.6	0.0321	12	0.001	0.001	0.00000506	0.00696	0.00135	0.0162	0.0245	0.00000508	21.9	0.0000186	0.000297
2105 Aug	82.1	0.0917	0.0875	0.00225	20.5	0.0321	12	0.001	0.001	0.00000505	0.00694	0.00135	0.0162	0.0244	0.00000507	21.9	0.0000185	0.000296
2105 Sep	81.6	0.0913	0.0866	0.00223	20.4	0.0322	11.9	0.000998	0.000998	0.00000504	0.00692	0.00134	0.0161	0.0242	0.00000506	21.7	0.0000184	0.000294
2105 Oct	81.3	0.0912	0.0859	0.00222	20.3	0.0322	11.9	0.000996	0.000996	0.00000502	0.00691	0.00134	0.0161	0.0242	0.00000505	21.7	0.0000183	0.000293
2105 Nov	81.2	0.0912	0.0857	0.00222	20.2	0.0322	11.8	0.000995	0.000995	0.00000502	0.00691	0.00134	0.0161	0.0241	0.00000504	21.6	0.0000183	0.000293
2105 Dec	81.2	0.0912	0.0857	0.00222	20.2	0.0322	11.8	0.000995	0.000995	0.00000502	0.00691	0.00134	0.0161	0.0241	0.00000504	21.6	0.0000183	0.000293
2106 Jan	81.2	0.0912	0.0857	0.00222	20.2	0.0322	11.8	0.000995	0.000995	0.00000502	0.00691	0.00134	0.0161	0.0241	0.00000504	21.6	0.0000183	0.000293
2106 Feb	81.2	0.0912	0.0857	0.00222	20.2	0.0322	11.8	0.000995	0.000995	0.00000502	0.00691	0.00134	0.0161	0.0241	0.00000504	21.6	0.0000183	0.000293
2106 Mar	81.2	0.0912	0.0857	0.00222	20.2	0.0322	11.8	0.000995	0.000995	0.00000502	0.00691	0.00134	0.0161	0.0241	0.00000504	21.6	0.0000183	0.000293
2106 Apr	81.2	0.0912	0.0857	0.00222	20.2	0.0322	11.8	0.000995	0.000995	0.00000502	0.00691	0.00134	0.0161	0.0241	0.00000504	21.7	0.0000183	0.000293
2106 May	81.4	0.0913	0.0857	0.00222	20.3	0.0322	11.9	0.000996	0.000996	0.00000503	0.00692	0.00134	0.0161	0.0242	0.00000505	21.7	0.0000183	0.000294

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Jun	80.8	0.09	0.0839	0.00218	20.1	0.0318	11.7	0.000992	0.000992	0.000005	0.00689	0.00134	0.0159	0.0242	0.00000503	21.7	0.0000183	0.000293
2106 Jul	80.8	0.0899	0.0838	0.00218	20.1	0.0319	11.7	0.000995	0.000995	0.00000502	0.00691	0.00134	0.0159	0.0242	0.00000504	21.7	0.0000184	0.000294
2106 Aug	80.7	0.0896	0.0834	0.00218	20	0.032	11.7	0.000996	0.000996	0.00000502	0.0069	0.00134	0.0159	0.0242	0.00000504	21.6	0.0000183	0.000293
2106 Sep	80.4	0.0893	0.0827	0.00216	19.9	0.032	11.6	0.000994	0.000994	0.00000501	0.00689	0.00133	0.0159	0.0241	0.00000503	21.6	0.0000182	0.000292
2106 Oct	80.2	0.0893	0.0824	0.00216	19.9	0.032	11.6	0.000993	0.000993	0.00000501	0.00689	0.00133	0.0159	0.024	0.00000503	21.5	0.0000182	0.000291
2106 Nov	80.3	0.0893	0.0824	0.00216	19.9	0.032	11.6	0.000993	0.000993	0.00000501	0.00689	0.00133	0.0159	0.024	0.00000503	21.5	0.0000182	0.000291
2106 Dec	80.3	0.0893	0.0824	0.00216	19.9	0.032	11.6	0.000993	0.000993	0.00000501	0.00689	0.00133	0.0159	0.024	0.00000503	21.5	0.0000182	0.000291
2107 Jan	80.3	0.0893	0.0824	0.00216	19.9	0.032	11.6	0.000993	0.000993	0.00000501	0.00689	0.00133	0.0159	0.024	0.00000503	21.5	0.0000182	0.000291
2107 Feb	80.3	0.0893	0.0824	0.00216	19.9	0.032	11.6	0.000993	0.000993	0.00000501	0.00689	0.00133	0.0159	0.024	0.00000503	21.5	0.0000182	0.000291
2107 Mar	80.3	0.0893	0.0824	0.00216	19.9	0.032	11.6	0.000993	0.000993	0.00000501	0.00689	0.00133	0.0159	0.024	0.00000503	21.5	0.0000182	0.000291
2107 Apr	80.3	0.0894	0.0824	0.00216	19.9	0.0321	11.6	0.000994	0.000994	0.00000501	0.00689	0.00133	0.0159	0.0241	0.00000503	21.5	0.0000182	0.000292
2107 May	80.3	0.0893	0.0822	0.00216	19.9	0.032	11.6	0.000994	0.000994	0.00000501	0.00689	0.00133	0.0159	0.0241	0.00000503	21.6	0.0000182	0.000292
2107 Jun	80.2	0.0888	0.0813	0.00214	19.9	0.0318	11.5	0.000992	0.000992	0.000005	0.00688	0.00134	0.0158	0.0242	0.00000503	21.7	0.0000182	0.000293
2107 Jul	80.2	0.0887	0.0812	0.00214	19.9	0.0319	11.5	0.000994	0.000994	0.00000501	0.00689	0.00134	0.0158	0.0243	0.00000504	21.7	0.0000182	0.000293
2107 Aug	80.4	0.0888	0.0813	0.00214	19.9	0.032	11.5	0.000998	0.000998	0.00000503	0.00691	0.00134	0.0158	0.0243	0.00000505	21.7	0.0000183	0.000294
2107 Sep	80.4	0.0889	0.0811	0.00214	19.9	0.0321	11.5	0.000998	0.000998	0.00000503	0.00692	0.00134	0.0158	0.0243	0.00000505	21.7	0.0000183	0.000294
2107 Oct	80.3	0.0889	0.0808	0.00214	19.8	0.0321	11.5	0.000997	0.000997	0.00000503	0.00692	0.00134	0.0158	0.0243	0.00000505	21.7	0.0000183	0.000293
2107 Nov	80.2	0.0889	0.0807	0.00213	19.8	0.0321	11.5	0.000997	0.000997	0.00000503	0.00692	0.00134	0.0158	0.0242	0.00000505	21.7	0.0000182	0.000293
2107 Dec	80.2	0.0889	0.0807	0.00213	19.8	0.0321	11.5	0.000997	0.000997	0.00000503	0.00692	0.00134	0.0158	0.0242	0.00000505	21.7	0.0000182	0.000293
2108 Jan	80.2	0.0889	0.0807	0.00213	19.8	0.0321	11.5	0.000997	0.000997	0.00000503	0.00692	0.00134	0.0158	0.0242	0.00000505	21.7	0.0000182	0.000293
2108 Feb	80.2	0.0889	0.0807	0.00213	19.8	0.0321	11.5	0.000997	0.000997	0.00000503	0.00692	0.00134	0.0158	0.0242	0.00000505	21.7	0.0000182	0.000293
2108 Mar	80.2	0.0889	0.0807	0.00213	19.8	0.0321	11.5	0.000997	0.000997	0.00000503	0.00692	0.00134	0.0158	0.0242	0.00000505	21.7	0.0000182	0.000293
2108 Apr	80.3	0.089	0.0808	0.00214	19.9	0.0321	11.5	0.000998	0.000998	0.00000503	0.00692	0.00134	0.0158	0.0243	0.00000505	21.7	0.0000183	0.000293
2108 May	80.5	0.0891	0.0809	0.00214	19.9	0.0322	11.6	0.000999	0.000999	0.00000504	0.00693	0.00134	0.0159	0.0243	0.00000506	21.7	0.0000183	0.000294
2108 Jun	80	0.0882	0.0798	0.00212	19.7	0.032	11.4	0.000998	0.000998	0.00000503	0.00693	0.00134	0.0157	0.0242	0.00000505	21.6	0.0000183	0.000293
2108 Jul	80.2	0.0883	0.0799	0.00213	19.8	0.0321	11.5	0.001	0.001	0.00000505	0.00696	0.00134	0.0158	0.0243	0.00000508	21.7	0.0000184	0.000294
2108 Aug	80.5	0.0886	0.0802	0.00213	19.9	0.0323	11.5	0.00101	0.00101	0.00000508	0.00699	0.00135	0.0159	0.0244	0.0000051	21.8	0.0000185	0.000295
2108 Sep	80.5	0.0887	0.08	0.00213	19.8	0.0323	11.5	0.00101	0.00101	0.00000508	0.00699	0.00135	0.0159	0.0244	0.0000051	21.8	0.0000185	0.000295
2108 Oct	80.1	0.0885	0.0793	0.00212	19.7	0.0323	11.4	0.001	0.001	0.00000506	0.00698	0.00134	0.0158	0.0243	0.00000508	21.7	0.0000184	0.000294
2108 Nov	80	0.0885	0.0792	0.00212	19.7	0.0323	11.4	0.001	0.001	0.00000506	0.00698	0.00134	0.0158	0.0242	0.00000508	21.7	0.0000184	0.000293
2108 Dec	80	0.0885	0.0792	0.00212	19.7	0.0323	11.4	0.001	0.001	0.00000506	0.00698	0.00134	0.0158	0.0242	0.00000508	21.7	0.0000184	0.000293
2109 Jan	80	0.0885	0.0792	0.00212	19.7	0.0323	11.4	0.001	0.001	0.00000506	0.00698	0.00134	0.0158	0.0242	0.00000508	21.7	0.0000184	0.000293
2109 Feb	80	0.0885	0.0792	0.00212	19.7	0.0323	11.4	0.001	0.001	0.00000506	0.00698	0.00134	0.0158	0.0242	0.00000508	21.7	0.0000184	0.000293
2109 Mar	80	0.0885	0.0792	0.00212	19.7	0.0323	11.4	0.001	0.001	0.00000506	0.00698	0.00134	0.0158	0.0242	0.00000508	21.7	0.0000184	0.000293
2109 Apr	80.1	0.0886	0.0792	0.00212	19.7	0.0323	11.4	0.001	0.001	0.00000506	0.00698	0.00134	0.0158	0.0243	0.00000508	21.7	0.0000184	0.000294
2109 May	80.2	0.0885	0.0789	0.00211	19.8	0.0323	11.4	0.001	0.001	0.00000506	0.00699	0.00135	0.0158	0.0244	0.00000509	21.8	0.0000184	0.000295
2109 Jun	80.2	0.0882	0.0783	0.0021	19.7	0.0321	11.4	0.001	0.001	0.00000506	0.00698	0.00135	0.0157	0.0245	0.00000509	21.9	0.0000184	0.000296
2109 Jul	80.3	0.0882	0.0782	0.0021	19.8	0.0322	11.4	0.00101	0.00101	0.00000508	0.007	0.00135	0.0157	0.0246	0.0000051	21.9	0.0000185	0.000296
2109 Aug	80.4	0.0882	0.0782	0.0021	19.8	0.0323	11.4	0.00101	0.00101	0.00000509	0.00701	0.00136	0.0158	0.0246	0.00000511	21.9	0.0000185	0.000297
2109 Sep	80.3	0.0881	0.0778	0.0021	19.7	0.0324	11.4	0.00101	0.00101	0.00000509	0.00701	0.00135	0.0158	0.0245	0.00000511	21.9	0.0000184	0.000296
2109 Oct	79.8	0.088	0.077	0.00208	19.6	0.0324	11.3	0.00101	0.00101	0.00000507	0.007	0.00135	0.0157	0.0244	0.00000509	21.8	0.0000184	0.000294
2109 Nov	79.8	0.088	0.077	0.00208	19.6	0.0324	11.3	0.00101	0.00101	0.00000507	0.007	0.00135	0.0157	0.0244	0.00000509	21.7	0.0000184	0.000294
2109 Dec	79.8	0.088	0.077	0.00208	19.6	0.0324	11.3	0.00101	0.00101	0.00000507	0.007	0.00135	0.0157	0.0244	0.00000509	21.8	0.0000184	0.000294
2110 Jan	79.8	0.088	0.077	0.00208	19.6	0.0324	11.3	0.00101	0.00101	0.00000507	0.007	0.00135	0.0157	0.0244	0.00000509	21.8	0.0000184	0.000294
2110 Feb	79.8	0.088	0.077	0.00208	19.6	0.0324	11.3	0.00101	0.00101	0.00000507	0.007	0.00135	0.0157	0.0244	0.00000509	21.8	0.0000184	0.000294
2110 Mar	79.9	0.088	0.077	0.00208	19.6	0.0324	11.3	0.00101	0.00101	0.00000507	0.007	0.00135	0.0157	0.0244	0.00000509	21.8	0.0000184	0.000294
2110 Apr	79.9	0.0881	0.077	0.00208	19.6	0.0324	11.3	0.00101	0.00101	0.00000507	0.007	0.00135	0.0157	0.0244	0.00000509	21.8	0.0000184	0.000294
2110 May	80	0.0881	0.077	0.00208	19.6	0.0324	11.3	0.00101	0.00101	0.00000507	0.007	0.00135	0.0157	0.0245	0.0000051	21.8	0.0000184	0.000295
2110 Jun	79.6	0.087	0.0755	0.00205	19.5	0.032	11.2	0.001	0.001	0.00000505	0.00697	0.00135	0.0155	0.0245	0.00000507	21.8	0.0000184	0.000295
2110 Jul	79.7	0.087	0.0754	0.00205	19.5	0.0321	11.2	0.001	0.001	0.00000506	0.00699	0.00135	0.0156	0.0246	0.00000508	21.8	0.0000184	0.000296
2110 Aug	79	0.086	0.0744	0.00203	19.3	0.0321	11.1	0.001	0.001	0.00000505	0.00695	0.00135	0.0155	0.0244	0.00000507	21.7	0.0000182	0.000293
2110 Sep	78.5	0.0857	0.0734	0.00201	19.2	0.0321	11	0.000997	0.000997	0.00000502	0.00692	0.00134	0.0154	0.0242	0.00000504	21.5	0.0000181	0.000291
2110 Oct	78	0.0856	0.0725	0.002	19	0.0321	11	0.000993	0.000993	0.000005	0.00691	0.00133	0.0153	0.024	0.00000503	21.4	0.000018	0.000289
2110 Nov	77.9	0.0856	0.0723	0.00199	19	0.0321	10.9	0.000992	0.000992	0.000005	0.00691	0.00133	0.0153	0.024	0.00000502	21.4	0.000018	0.000289
2110 Dec	77.9	0.0856	0.0723	0.00199	19	0.0321	10.9	0.000992	0.000992	0.000005	0.00691	0.00133	0.0153	0.024	0.00000502	21.4	0.000018	0.000289
2111 Jan	77.9	0.0856	0.0723	0.00199	19	0.0321	10.9	0.000992	0.000992	0.000005	0.00691	0.00133	0.0153	0.024	0.00000502	21.4	0.000018	0.000289

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2111 Feb	77.9	0.0856	0.0723	0.00199	19	0.0321	10.9	0.000992	0.000992	0.000005	0.00691	0.00133	0.0153	0.024	0.00000502	21.4	0.000018	0.000289
2111 Mar	77.9	0.0856	0.0723	0.00199	19	0.0321	10.9	0.000993	0.000993	0.000005	0.00691	0.00133	0.0153	0.024	0.00000502	21.4	0.000018	0.000289
2111 Apr	77.9	0.0857	0.0724	0.002	19	0.0321	10.9	0.000993	0.000993	0.000005	0.00691	0.00133	0.0153	0.024	0.00000502	21.4	0.000018	0.000289
2111 May	78.1	0.0857	0.0723	0.00199	19.1	0.0321	10.9	0.000994	0.000994	0.00000501	0.00692	0.00133	0.0153	0.0241	0.00000503	21.5	0.000018	0.00029
2111 Jun	77.9	0.0851	0.0712	0.00197	19	0.0318	10.8	0.000992	0.000992	0.000005	0.0069	0.00134	0.0152	0.0243	0.00000502	21.5	0.000018	0.000291
2111 Jul	78.2	0.0853	0.0713	0.00198	19.1	0.032	10.9	0.000996	0.000996	0.00000502	0.00693	0.00134	0.0152	0.0244	0.00000504	21.6	0.0000181	0.000292
2111 Aug	77.9	0.0848	0.0708	0.00197	19	0.032	10.8	0.000996	0.000996	0.00000501	0.00692	0.00134	0.0152	0.0243	0.00000503	21.5	0.000018	0.000291
2111 Sep	77.8	0.0847	0.0704	0.00196	18.9	0.0321	10.8	0.000995	0.000995	0.00000501	0.00691	0.00134	0.0152	0.0242	0.00000503	21.5	0.0000179	0.00029
2111 Oct	77.5	0.0846	0.0699	0.00195	18.9	0.0321	10.8	0.000992	0.000992	0.000005	0.0069	0.00133	0.0152	0.0241	0.00000502	21.4	0.0000179	0.000289
2111 Nov	77.3	0.0845	0.0696	0.00195	18.8	0.0321	10.7	0.000991	0.000991	0.00000499	0.00689	0.00133	0.0151	0.024	0.00000501	21.4	0.0000178	0.000288
2111 Dec	77.3	0.0845	0.0696	0.00195	18.8	0.0321	10.7	0.000991	0.000991	0.00000499	0.00689	0.00133	0.0151	0.024	0.00000501	21.4	0.0000178	0.000288
2112 Jan	77.3	0.0845	0.0696	0.00195	18.8	0.0321	10.7	0.000991	0.000991	0.00000499	0.00689	0.00133	0.0151	0.024	0.00000501	21.4	0.0000178	0.000288
2112 Feb	77.3	0.0845	0.0696	0.00195	18.8	0.0321	10.7	0.000991	0.000991	0.00000499	0.00689	0.00133	0.0151	0.024	0.00000501	21.4	0.0000178	0.000288
2112 Mar	77.3	0.0846	0.0696	0.00195	18.8	0.0321	10.8	0.000991	0.000991	0.00000499	0.0069	0.00133	0.0151	0.024	0.00000501	21.4	0.0000178	0.000288
2112 Apr	77.3	0.0846	0.0696	0.00195	18.8	0.0321	10.8	0.000991	0.000991	0.00000499	0.0069	0.00133	0.0151	0.0241	0.00000501	21.4	0.0000179	0.000288
2112 May	77.4	0.0846	0.0694	0.00194	18.8	0.032	10.7	0.000992	0.000992	0.00000499	0.0069	0.00133	0.0151	0.0242	0.00000502	21.5	0.0000179	0.00029
2112 Jun	76.9	0.0833	0.0677	0.00191	18.7	0.0316	10.6	0.000985	0.000985	0.00000496	0.00685	0.00133	0.0149	0.0242	0.00000498	21.4	0.0000178	0.00029
2112 Jul	76.8	0.083	0.0675	0.0019	18.6	0.0316	10.6	0.000986	0.000986	0.00000497	0.00686	0.00133	0.0149	0.0242	0.00000498	21.4	0.0000179	0.000289
2112 Aug	77	0.0832	0.0675	0.00191	18.7	0.0317	10.6	0.000989	0.000989	0.00000498	0.00688	0.00133	0.0149	0.0242	0.000005	21.5	0.0000179	0.00029
2112 Sep	76.9	0.0831	0.0672	0.0019	18.6	0.0317	10.6	0.000988	0.000988	0.00000498	0.00687	0.00133	0.0149	0.0242	0.000005	21.4	0.0000178	0.000289
2112 Oct	76.8	0.0831	0.067	0.0019	18.6	0.0318	10.6	0.000987	0.000987	0.00000497	0.00687	0.00133	0.0149	0.0241	0.00000499	21.4	0.0000178	0.000289
2112 Nov	76.8	0.0831	0.0669	0.0019	18.6	0.0318	10.6	0.000987	0.000987	0.00000497	0.00687	0.00133	0.0149	0.0241	0.00000499	21.4	0.0000178	0.000289
2112 Dec	76.8	0.0831	0.067	0.0019	18.6	0.0318	10.6	0.000987	0.000987	0.00000497	0.00687	0.00133	0.0149	0.0241	0.00000499	21.4	0.0000178	0.000289
2113 Jan	76.8	0.0831	0.067	0.0019	18.6	0.0318	10.6	0.000987	0.000987	0.00000497	0.00687	0.00133	0.0149	0.0241	0.00000499	21.4	0.0000178	0.000289
2113 Feb	76.8	0.0831	0.067	0.0019	18.6	0.0318	10.6	0.000987	0.000987	0.00000497	0.00687	0.00133	0.0149	0.0241	0.00000499	21.4	0.0000178	0.000289
2113 Mar	76.8	0.0831	0.067	0.0019	18.6	0.0318	10.6	0.000988	0.000988	0.00000497	0.00687	0.00133	0.0149	0.0241	0.00000499	21.4	0.0000178	0.000289
2113 Apr	76.9	0.0831	0.067	0.0019	18.6	0.0318	10.6	0.000988	0.000988	0.00000498	0.00688	0.00133	0.015	0.0242	0.000005	21.4	0.0000178	0.000289
2113 May	77	0.0831	0.0669	0.0019	18.6	0.0318	10.6	0.000989	0.000989	0.00000498	0.00688	0.00133	0.0149	0.0243	0.000005	21.5	0.0000179	0.00029
2113 Jun	76.8	0.0826	0.066	0.00188	18.6	0.0315	10.5	0.000987	0.000987	0.00000497	0.00686	0.00133	0.0148	0.0244	0.00000499	21.5	0.0000179	0.000291
2113 Jul	77	0.0826	0.066	0.00188	18.6	0.0316	10.5	0.00099	0.00099	0.00000498	0.00688	0.00134	0.0148	0.0244	0.000005	21.6	0.0000179	0.000291
2113 Aug	77	0.0826	0.0659	0.00188	18.6	0.0317	10.5	0.000992	0.000992	0.00000499	0.00689	0.00134	0.0149	0.0244	0.00000501	21.6	0.0000179	0.000292
2113 Sep	76.9	0.0826	0.0656	0.00188	18.6	0.0318	10.5	0.000991	0.000991	0.00000499	0.00689	0.00134	0.0149	0.0244	0.00000501	21.6	0.0000179	0.000291
2113 Oct	76.4	0.0824	0.0648	0.00186	18.4	0.0318	10.4	0.000987	0.000987	0.00000497	0.00687	0.00133	0.0148	0.0242	0.00000499	21.4	0.0000178	0.000289
2113 Nov	76.3	0.0825	0.0646	0.00186	18.4	0.0318	10.4	0.000986	0.000986	0.00000496	0.00687	0.00133	0.0148	0.0242	0.00000498	21.4	0.0000178	0.000288
2113 Dec	76.3	0.0825	0.0646	0.00186	18.4	0.0318	10.4	0.000986	0.000986	0.00000496	0.00687	0.00133	0.0148	0.0242	0.00000498	21.4	0.0000178	0.000288
2114 Jan	76.3	0.0825	0.0646	0.00186	18.4	0.0318	10.4	0.000986	0.000986	0.00000496	0.00687	0.00133	0.0148	0.0242	0.00000498	21.4	0.0000178	0.000288
2114 Feb	76.3	0.0825	0.0646	0.00186	18.4	0.0318	10.4	0.000986	0.000986	0.00000496	0.00687	0.00133	0.0148	0.0242	0.00000498	21.4	0.0000178	0.000288
2114 Mar	76.3	0.0825	0.0647	0.00186	18.4	0.0318	10.4	0.000986	0.000986	0.00000496	0.00687	0.00133	0.0148	0.0242	0.00000498	21.4	0.0000178	0.000289
2114 Apr	76.3	0.0825	0.0647	0.00186	18.4	0.0318	10.4	0.000987	0.000987	0.00000497	0.00687	0.00133	0.0148	0.0242	0.00000499	21.4	0.0000178	0.000289
2114 May	76.4	0.0824	0.0644	0.00185	18.4	0.0317	10.4	0.000986	0.000986	0.00000496	0.00687	0.00133	0.0148	0.0243	0.00000498	21.5	0.0000178	0.00029
2114 Jun	76.5	0.0822	0.0639	0.00184	18.4	0.0316	10.4	0.000987	0.000987	0.00000497	0.00687	0.00134	0.0147	0.0244	0.00000499	21.6	0.0000178	0.000291
2114 Jul	76.9	0.0825	0.0641	0.00185	18.5	0.0318	10.4	0.000992	0.000992	0.00000499	0.00691	0.00134	0.0148	0.0245	0.00000501	21.7	0.0000179	0.000292
2114 Aug	77.2	0.0828	0.0643	0.00186	18.6	0.0319	10.5	0.000996	0.000996	0.00000501	0.00694	0.00135	0.0148	0.0246	0.00000503	21.8	0.000018	0.000293
2114 Sep	77	0.0827	0.0639	0.00185	18.5	0.032	10.4	0.000995	0.000995	0.00000501	0.00693	0.00135	0.0148	0.0246	0.00000503	21.7	0.0000179	0.000292
2114 Oct	76.7	0.0826	0.0634	0.00184	18.4	0.032	10.4	0.000992	0.000992	0.00000499	0.00692	0.00134	0.0148	0.0245	0.00000501	21.6	0.0000179	0.000291
2114 Nov	76.5	0.0825	0.063	0.00183	18.4	0.0319	10.4	0.00099	0.00099	0.00000498	0.00691	0.00134	0.0148	0.0244	0.000005	21.5	0.0000178	0.00029
2114 Dec	76.5	0.0825	0.063	0.00183	18.4	0.0319	10.4	0.00099	0.00099	0.00000498	0.00691	0.00134	0.0148	0.0244	0.000005	21.5	0.0000178	0.00029
2115 Jan	76.5	0.0825	0.063	0.00183	18.4	0.0319	10.4	0.00099	0.00099	0.00000498	0.00691	0.00134	0.0148	0.0244	0.000005	21.5	0.0000178	0.00029
2115 Feb	76.5	0.0825	0.063	0.00183	18.4	0.0319	10.4	0.00099	0.00099	0.00000498	0.00691	0.00134	0.0148	0.0244	0.000005	21.5	0.0000178	0.00029
2115 Mar	76.5	0.0826	0.063	0.00183	18.4	0.0319	10.4	0.00099	0.00099	0.00000498	0.00691	0.00134	0.0148	0.0244	0.000005	21.5	0.0000178	0.00029
2115 Apr	76.5	0.0826	0.063	0.00184	18.4	0.032	10.4	0.000991	0.000991	0.00000499	0.00692	0.00134	0.0148	0.0244	0.00000501	21.6	0.0000178	0.00029
2115 May	76.6	0.0825	0.0628	0.00183	18.4	0.0319	10.4	0.000991	0.000991	0.00000499	0.00691	0.00134	0.0147	0.0245	0.00000501	21.6	0.0000178	0.000291
2115 Jun	76.8	0.0826	0.0625	0.00183	18.5	0.0319	10.4	0.000993	0.000993	0.000005	0.00693	0.00135	0.0147	0.0247	0.00000502	21.7	0.0000179	0.000293
2115 Jul	77	0.0828	0.0627	0.00183	18.5	0.032	10.4	0.000997	0.000997	0.00000502	0.00696	0.00135	0.0148	0.0247	0.00000504	21.8	0.000018	0.000294
2115 Aug	76.7	0.0823	0.0622	0.00182	18.4	0.0321	10.3	0.000996	0.000996	0.00000501	0.00694	0.00135	0.0147	0.0246	0.00000503	21.7	0.0000179	0.000293
2115 Sep	76.6	0.0822	0.062	0.00182	18.4	0.0321	10.3	0.000996	0.000996	0.00000501	0.00693	0.00135	0.0147	0.0246	0.00000503	21.7	0.0000178	0.000292

Appendix C.2-22: PUMP02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2115 Oct	76.6	0.0823	0.0619	0.00182	18.4	0.0321	10.3	0.000996	0.000996	0.00000501	0.00693	0.00135	0.0147	0.0246	0.00000503	21.7	0.0000178	0.000292
2115 Nov	76.5	0.0823	0.0617	0.00182	18.3	0.0321	10.3	0.000995	0.000995	0.000005	0.00693	0.00135	0.0147	0.0245	0.00000502	21.7	0.0000178	0.000291
2115 Dec	76.5	0.0823	0.0617	0.00182	18.3	0.0321	10.3	0.000995	0.000995	0.000005	0.00693	0.00135	0.0147	0.0245	0.00000502	21.7	0.0000178	0.000291
2116 Jan	76.5	0.0823	0.0617	0.00182	18.3	0.0321	10.3	0.000995	0.000995	0.000005	0.00693	0.00135	0.0147	0.0245	0.00000502	21.7	0.0000178	0.000291
2116 Feb	76.5	0.0823	0.0617	0.00182	18.3	0.0321	10.3	0.000995	0.000995	0.00000501	0.00693	0.00135	0.0147	0.0245	0.00000502	21.7	0.0000178	0.000291
2116 Mar	76.5	0.0823	0.0617	0.00182	18.3	0.0322	10.3	0.000995	0.000995	0.00000501	0.00693	0.00135	0.0147	0.0245	0.00000502	21.7	0.0000178	0.000291
2116 Apr	76.6	0.0823	0.0617	0.00182	18.4	0.0322	10.3	0.000995	0.000995	0.00000501	0.00694	0.00135	0.0147	0.0245	0.00000503	21.7	0.0000178	0.000292
2116 May	76.7	0.0823	0.0615	0.00181	18.4	0.0321	10.3	0.000996	0.000996	0.00000501	0.00694	0.00135	0.0147	0.0246	0.00000503	21.7	0.0000178	0.000292
2116 Jun	76.3	0.0813	0.0603	0.00179	18.3	0.0317	10.2	0.00099	0.00099	0.00000498	0.00689	0.00135	0.0145	0.0247	0.000005	21.8	0.0000178	0.000293
2116 Jul	76.5	0.0814	0.0603	0.00179	18.3	0.0318	10.2	0.000994	0.000994	0.000005	0.00692	0.00135	0.0146	0.0248	0.00000502	21.8	0.0000179	0.000294
2116 Aug	76.8	0.0816	0.0604	0.00179	18.4	0.0319	10.3	0.000997	0.000997	0.00000502	0.00695	0.00136	0.0146	0.0249	0.00000504	21.9	0.0000179	0.000295
2116 Sep	76.4	0.0815	0.0599	0.00178	18.3	0.032	10.2	0.000995	0.000995	0.000005	0.00693	0.00135	0.0146	0.0247	0.00000502	21.8	0.0000178	0.000293
2116 Oct	76.1	0.0815	0.0594	0.00177	18.2	0.032	10.2	0.000992	0.000992	0.00000499	0.00693	0.00135	0.0146	0.0246	0.00000501	21.7	0.0000178	0.000292
2116 Nov	76.1	0.0815	0.0593	0.00177	18.2	0.032	10.2	0.000992	0.000992	0.00000499	0.00693	0.00135	0.0146	0.0246	0.00000501	21.7	0.0000178	0.000292
2116 Dec	76.1	0.0815	0.0593	0.00177	18.2	0.032	10.2	0.000992	0.000992	0.00000499	0.00693	0.00135	0.0146	0.0246	0.00000501	21.7	0.0000178	0.000292
2117 Jan	76.1	0.0815	0.0593	0.00177	18.2	0.032	10.2	0.000992	0.000992	0.00000499	0.00693	0.00135	0.0146	0.0246	0.00000501	21.7	0.0000178	0.000292
2117 Feb	76.1	0.0815	0.0593	0.00177	18.2	0.032	10.2	0.000992	0.000992	0.00000499	0.00693	0.00135	0.0146	0.0246	0.00000501	21.7	0.0000178	0.000292
2117 Mar	76.1	0.0816	0.0593	0.00177	18.2	0.032	10.2	0.000992	0.000992	0.00000499	0.00693	0.00135	0.0146	0.0246	0.00000501	21.7	0.0000178	0.000292
2117 Apr	76.1	0.0816	0.0593	0.00177	18.2	0.032	10.2	0.000993	0.000993	0.00000499	0.00693	0.00135	0.0146	0.0246	0.00000501	21.7	0.0000178	0.000292
2117 May	76.2	0.0816	0.0592	0.00177	18.2	0.032	10.2	0.000994	0.000994	0.000005	0.00694	0.00135	0.0146	0.0247	0.00000502	21.8	0.0000178	0.000293
2117 Jun	76.3	0.0815	0.0588	0.00177	18.2	0.0319	10.1	0.000994	0.000994	0.000005	0.00694	0.00135	0.0145	0.0249	0.00000502	21.9	0.0000178	0.000294
2117 Jul	76.6	0.0817	0.059	0.00177	18.3	0.0321	10.2	0.000999	0.000999	0.00000502	0.00697	0.00136	0.0146	0.0249	0.00000504	21.9	0.0000179	0.000295
2117 Aug	76.7	0.0818	0.059	0.00177	18.3	0.0322	10.2	0.001	0.001	0.00000503	0.00698	0.00136	0.0146	0.025	0.00000505	22	0.0000179	0.000295
2117 Sep	76.7	0.0818	0.0589	0.00177	18.3	0.0322	10.2	0.001	0.001	0.00000504	0.00699	0.00136	0.0146	0.025	0.00000506	22	0.0000179	0.000296
2117 Oct	76.6	0.0818	0.0587	0.00177	18.3	0.0322	10.2	0.001	0.001	0.00000503	0.00699	0.00136	0.0146	0.0249	0.00000505	21.9	0.0000179	0.000295
2117 Nov	76.6	0.0818	0.0586	0.00177	18.3	0.0322	10.2	0.001	0.001	0.00000503	0.00698	0.00136	0.0146	0.0249	0.00000505	21.9	0.0000179	0.000295
2117 Dec	76.6	0.0818	0.0586	0.00177	18.3	0.0322	10.2	0.001	0.001	0.00000503	0.00698	0.00136	0.0146	0.0249	0.00000505	21.9	0.0000179	0.000295
2118 Jan	76.6	0.0818	0.0586	0.00177	18.3	0.0322	10.2	0.001	0.001	0.00000503	0.00698	0.00136	0.0146	0.0249	0.00000505	21.9	0.0000179	0.000295
2118 Feb	76.6	0.0818	0.0586	0.00177	18.3	0.0322	10.2	0.001	0.001	0.00000503	0.00698	0.00136	0.0146	0.0249	0.00000505	21.9	0.0000179	0.000295
2118 Mar	76.6	0.0819	0.0586	0.00177	18.3	0.0322	10.2	0.001	0.001	0.00000503	0.00699	0.00136	0.0146	0.0249	0.00000505	21.9	0.0000179	0.000295
2118 Apr	76.6	0.0819	0.0587	0.00177	18.3	0.0322	10.2	0.001	0.001	0.00000503	0.00699	0.00136	0.0146	0.0249	0.00000505	21.9	0.0000179	0.000295
2118 May	76.7	0.0817	0.0582	0.00176	18.3	0.0321	10.1	0.001	0.001	0.00000503	0.00698	0.00136	0.0145	0.0251	0.00000505	22	0.0000179	0.000296
2118 Jun	76.4	0.081	0.0573	0.00174	18.2	0.0317	10	0.000995	0.000995	0.000005	0.00694	0.00136	0.0144	0.0252	0.00000502	22.1	0.0000179	0.000297
2118 Jul	76.8	0.0813	0.0575	0.00175	18.3	0.0319	10.1	0.001	0.001	0.00000503	0.00698	0.00137	0.0144	0.0253	0.00000505	22.2	0.000018	0.000298
2118 Aug	76.6	0.081	0.0572	0.00174	18.2	0.032	10	0.001	0.001	0.00000503	0.00697	0.00137	0.0144	0.0252	0.00000505	22.1	0.0000179	0.000297
2118 Sep	76.1	0.0808	0.0565	0.00173	18.1	0.032	9.98	0.000996	0.000996	0.00000501	0.00694	0.00136	0.0144	0.025	0.00000503	22	0.0000178	0.000295
2118 Oct	75.8	0.0808	0.0561	0.00172	18	0.032	9.94	0.000994	0.000994	0.000005	0.00694	0.00135	0.0143	0.0249	0.00000501	21.9	0.0000177	0.000294
2118 Nov	75.7	0.0808	0.056	0.00172	18	0.032	9.93	0.000993	0.000993	0.00000499	0.00693	0.00135	0.0143	0.0249	0.00000501	21.9	0.0000177	0.000294
2118 Dec	75.8	0.0808	0.056	0.00172	18	0.032	9.93	0.000993	0.000993	0.00000499	0.00694	0.00135	0.0143	0.0249	0.00000501	21.9	0.0000177	0.000294
2119 Jan	75.8	0.0808	0.056	0.00172	18	0.032	9.93	0.000993	0.000993	0.00000499	0.00694	0.00135	0.0143	0.0249	0.00000501	21.9	0.0000177	0.000294
2119 Feb	75.8	0.0808	0.056	0.00172	18	0.032	9.93	0.000993	0.000993	0.00000499	0.00694	0.00135	0.0143	0.0249	0.00000501	21.9	0.0000177	0.000294
2119 Mar	75.8	0.0808	0.056	0.00172	18	0.032	9.94	0.000993	0.000993	0.00000499	0.00694	0.00135	0.0143	0.0249	0.00000501	21.9	0.0000177	0.000294
2119 Apr	75.9	0.0809	0.056	0.00172	18.1	0.032	9.95	0.000994	0.000994	0.000005	0.00694	0.00136	0.0143	0.025	0.00000502	21.9	0.0000177	0.000294
2119 May	76.2	0.0808	0.0555	0.0017	18.1	0.0317	9.91	0.000991	0.000991	0.00000499	0.00692	0.00136	0.0142	0.0253	0.000005	22.2	0.0000177	0.000297
2119 Jun	76	0.0805	0.055	0.00169	18.1	0.0316	9.86	0.00099	0.00099	0.00000498	0.00691	0.00136	0.0141	0.0253	0.000005	22.1	0.0000177	0.000297
2119 Jul	76.3	0.0807	0.0552	0.0017	18.1	0.0317	9.89	0.000995	0.000995	0.000005	0.00694	0.00137	0.0142	0.0254	0.00000502	22.2	0.0000178	0.000298
2119 Aug	76.4	0.0807	0.0551	0.0017	18.1	0.0319	9.9	0.000997	0.000997	0.00000501	0.00695	0.00137	0.0142	0.0254	0.00000503	22.2	0.0000178	0.000298
2119 Sep	76.1	0.0805	0.0547	0.00169	18.1	0.0319	9.87	0.000995	0.000995	0.000005	0.00694	0.00137	0.0142	0.0253	0.00000502	22.1	0.0000177	0.000297
2119 Oct	75.9	0.0805	0.0544	0.00169	18	0.0319	9.84	0.000993	0.000993	0.00000499	0.00693	0.00136	0.0142	0.0252	0.00000501	22.1	0.0000177	0.000296
2119 Nov	75.8	0.0805	0.0542	0.00168	18	0.0319	9.83	0.000992	0.000992	0.00000499	0.00693	0.00136	0.0142	0.0252	0.000005	22	0.0000177	0.000296
2119 Dec	75.8	0.0805	0.0542	0.00168	18	0.0319	9.83	0.000992	0.000992	0.00000499	0.00693	0.00136	0.0142	0.0252	0.000005	22	0.0000177	0.000296

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000106	0.00094	0.0447	0.00000945	3.08	6.92	0.0296	0.000927	79	0.00297	0.00572	0.0000198	0.000448	0.000183	0.072	0.00000113	0.000394	0.000408	0.00144	0.000945
Operation (2024-2031): Mean	0.00515	0.00347	0.0713	0.0000147	241	74.7	0.193	0.0278	7520	0.0366	0.0385	0.000128	0.0129	0.00291	19.9	0.0000258	0.00151	0.00749	0.0505	0.139
Operation (2024-2031): Max	0.00895	0.0066	0.0971	0.0000232	389	109	0.281	0.0529	12400	0.0611	0.0601	0.000308	0.0224	0.00515	34.2	0.0000448	0.00609	0.012	0.0894	0.233
Active Closure (2032-2038): Min	0.000169	0.0011	0.0347	0.00000429	2.72	4.54	0.0237	0.000534	44.9	0.00207	0.00614	0.0000548	0.000242	0.000128	0.096	0.00000203	0.000281	0.000314	0.00127	0.000677
Active Closure (2032-2038): Mean	0.000296	0.00147	0.0458	0.00000591	10.2	8.77	0.0395	0.0016	236	0.00485	0.00731	0.000105	0.000616	0.000261	0.45	0.00000251	0.000518	0.000616	0.00241	0.00402
Active Closure (2032-2038): Max	0.00186	0.00481	0.0773	0.0000174	94	48.5	0.185	0.0132	2470	0.031	0.0205	0.00015	0.00474	0.00162	5.12	0.00000881	0.00188	0.00381	0.0163	0.0438
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.00017	0.00102	0.0453	0.00000434	1.54	3.25	0.0242	0.00033	7.19	0.00149	0.00625	0.000118	0.000178	0.0000904	0.0933	0.00000199	0.0000884	0.000322	0.00127	0.000265
Post Closure (2039-2119): Mean	0.000266	0.00106	0.108	0.00000837	1.87	3.84	0.0414	0.0004	18.4	0.00177	0.00905	0.000294	0.000232	0.000107	0.106	0.00000204	0.000151	0.000572	0.0016	0.000372
Post Closure (2039-2119): Max	0.000335	0.00111	0.143	0.00000998	2.72	4.56	0.0529	0.000537	44.9	0.00208	0.0104	0.000413	0.000267	0.000128	0.116	0.00000209	0.000282	0.000702	0.0017	0.000678
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun	0.000106	0.00094	0.0447	0.00000945	3.08	6.92	0.0296	0.000927	79	0.00297	0.00572	0.0000556	0.000448	0.000183	0.072	0.00000113	0.000924	0.000408	0.00144	0.000945
2025 Jul	0.000172	0.00167	0.0778	0.0000153	5.06	11.4	0.0456	0.00157	130	0.00481	0.00921	0.0000893	0.000638	0.000299	0.121	0.00000182	0.00151	0.000438	0.00182	0.00155
2025 Aug	0.000238	0.00252	0.063	0.0000201	8.91	20.8	0.0754	0.00293	246	0.00834	0.00926	0.0000566	0.00107	0.000536	0.186	0.00000165	0.00286	0.000552	0.00194	0.00297
2025 Sep	0.00026	0.00273	0.0603	0.0000211	9.74	22.8	0.0812	0.00332	270	0.00907	0.01	0.0000265	0.00115	0.000583	0.205	0.00000161	0.00314	0.000602	0.00194	0.00325
2025 Oct	0.000241	0.00243	0.0703	0.000019	8.09	18.8	0.0672	0.00283	219	0.00751	0.0109	0.0000205	0.000926	0.000475	0.182	0.00000169	0.00255	0.000544	0.00177	0.00262
2025 Nov	0.000237	0.00238	0.072	0.0000186	7.8	18.1	0.0647	0.00274	210	0.00723	0.011	0.0000198	0.000887	0.000457	0.178	0.00000171	0.00245	0.000533	0.00174	0.00251
2025 Dec	0.000237	0.00238	0.072	0.0000186	7.8	18.1	0.0647	0.00274	210	0.00724	0.011	0.0000198	0.000887	0.000457	0.178	0.00000171	0.00245	0.000533	0.00174	0.00251
2026 Jan	0.000737	0.00241	0.0719	0.0000182	32.2	23.7	0.0747	0.00516	1000	0.00942	0.0138	0.000029	0.00212	0.000689	2.38	0.00000418	0.00233	0.00119	0.00677	0.0174
2026 Feb	0.0016	0.00247	0.0717	0.0000174	74.3	33.3	0.092	0.00934	2370	0.0132	0.0187	0.0000449	0.00425	0.00109	6.18	0.00000845	0.00213	0.00231	0.0155	0.0431
2026 Mar	0.00231	0.00251	0.0716	0.0000168	109	41.3	0.106	0.0128	3500	0.0163	0.0227	0.0000581	0.00602	0.00142	9.33	0.000012	0.00196	0.00325	0.0226	0.0644
2026 Apr	0.00294	0.00256	0.0715	0.0000163	140	48.4	0.119	0.0158	4490	0.0191	0.0262	0.0000697	0.00756	0.00172	12.1	0.0000151	0.00182	0.00407	0.0289	0.083
2026 May	0.00346	0.00264	0.0725	0.0000158	165	54.6	0.131	0.0183	5310	0.0215	0.0292	0.0000844	0.00886	0.00197	14.4	0.0000176	0.0017	0.00476	0.0341	0.0983
2026 Jun	0.0017	0.00253	0.0861	0.0000154	83.7	34.1	0.108	0.00898	2450	0.0188	0.0184	0.000174	0.00429	0.00108	6.03	0.00000903	0.00197	0.003	0.016	0.0447
2026 Jul	0.00229	0.00356	0.076	0.0000176	122	49.1	0.146	0.0125	3450	0.0305	0.0219	0.000145	0.00586	0.0015	8.09	0.000012	0.00302	0.00422	0.0211	0.0626
2026 Aug	0.00242	0.00535	0.0592	0.0000217	144	65.4	0.199	0.0141	3690	0.0475	0.0224	0.0000952	0.00625	0.00181	7.53	0.0000125	0.00504	0.0052	0.0206	0.0659
2026 Sep	0.00304	0.0066	0.0588	0.0000232	184	81.7	0.247	0.0175	4660	0.0611	0.0265	0.000101	0.00781	0.00225	9.41	0.0000154	0.00609	0.00668	0.0256	0.0833
2026 Oct	0.0027	0.00532	0.0701	0.0000192	156	66.6	0.197	0.0151	4080	0.0475	0.0251	0.0000862	0.00686	0.00189	8.76	0.0000139	0.00439	0.00555	0.0233	0.0735
2026 Nov	0.00422	0.00481	0.0704	0.0000172	224	79.1	0.21	0.0224	6500	0.0477	0.0337	0.00011	0.0106	0.00253	16	0.0000215	0.00347	0.00715	0.0393	0.119
2026 Dec	0.00522	0.0045	0.0704	0.000016	269	87.4	0.218	0.0271	8090	0.0481	0.0393	0.000125	0.0131	0.00296	20.7	0.0000264	0.0029	0.00822	0.0498	0.149
2027 Jan	0.00619	0.00419	0.0703	0.0000148	311	95	0.227	0.0318	9560	0.0485	0.0447	0.000141	0.0155	0.00338	25.1	0.0000312	0.00234	0.00925	0.06	0.177
2027 Feb	0.007	0.00394	0.0702	0.0000138	344	101	0.234	0.0356	10700	0.0488	0.0492	0.000153	0.0175	0.00372	28.6	0.0000352	0.00188	0.0101	0.0685	0.2
2027 Mar	0.00752	0.00378	0.0702	0.0000131	365	105	0.238	0.0381	11500	0.049	0.0521	0.000161	0.0188	0.00394	30.9	0.0000378	0.00158	0.0107	0.074	0.214
2027 Apr	0.00791	0.00367	0.0703	0.0000127	382	108	0.242	0.04	12100	0.0493	0.0544	0.000168	0.0198	0.00411	32.6	0.0000397	0.00137	0.0111	0.0781	0.225
2027 May	0.00812	0.00365	0.072	0.0000124	389	109	0.246	0.041	12400	0.0492	0.0554	0.00018	0.0203	0.00421	33.4	0.0000406	0.00123	0.0113	0.0802	0.23
2027 Jun	0.00352	0.00321	0.0766	0.0000148	175	57.7	0.162	0.0181	5260	0.032	0.0289	0.000157	0.00876	0.00201	13.4	0.0000179	0.00164	0.00571	0.0341	0.0972
2027 Jul	0.00318	0.00328	0.073	0.000016	159	54.8	0.158	0.0167	4760	0.0307	0.027	0.000132	0.00796	0.00189	12	0.0000162	0.00177	0.00524	0.0309	0.0876
2027 Aug	0.00386	0.00498	0.0615	0.0000196	202	74.8	0.228	0.0209	5810	0.0457	0.0307	0.000105	0.00955	0.00245	14	0.0000188	0.00247	0.00673	0.0362	0.106
2027 Sep	0.00316	0.00658	0.0671	0.0000209	189	77.1	0.274	0.0176	4780	0.0603	0.028	0.0000818	0.00725	0.00225	9.65	0.0000148	0.00249	0.00703	0.0275	0.086
2027 Oct	0.00386	0.00467	0.0704	0.0000174	196	71.4	0.211	0.0206	5750	0.0417	0.0315	0.0000901	0.00953	0.00238	14.1	0.0000189	0.00194	0.00649	0.0363	0.105
2027 Nov	0.00485	0.0039	0.0716	0.0000154	236	76.1	0.201	0.0252	7260	0.0385	0.0371	0.000107	0.0121	0.00274	18.9	0.0000241	0.00148	0.0073	0.0471	0.134
2027 Dec	0.00579	0.00372	0.0713	0.0000144	277	84.5	0.211	0.0297	8690	0.0404	0.0423	0.000124	0.0144	0.00315	23.1	0.0000288	0.00124	0.00837	0.0567	0.161
2028 Jan	0.0066	0.00358	0.0711	0.0000135	314	91.8	0.22	0.0336	9920	0.0422	0.0469	0.000139	0.0165	0.00351	26.6	0.0000329	0.00103	0.00932	0.065	0.185
2028 Feb	0.00723	0.00348	0.0709	0.0000129	341	97.4	0.228	0.0367	10900	0.0437	0.0504	0.00015	0.0181	0.00378	29.4	0.0000361	0.000871	0.0101	0.0715	0.202
2028 Mar	0.00766	0.0034	0.0707	0.0000124	361	101	0.233	0.0387	11500	0.0447	0.0529	0.000158	0.0191	0.00397	31.2	0.0000382	0.00076	0.0106	0.076	0.215

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Apr	0.00799	0.00335	0.0707	0.0000121	375	104	0.237	0.0403	12000	0.0454	0.0547	0.000164	0.02	0.00412	32.7	0.0000399	0.000678	0.011	0.0793	0.224
2028 May	0.00826	0.00332	0.0708	0.0000119	387	107	0.24	0.0416	12400	0.0461	0.0562	0.000169	0.0206	0.00424	33.8	0.0000412	0.000619	0.0113	0.0821	0.231
2028 Jun	0.00492	0.00291	0.072	0.0000134	234	69.2	0.174	0.025	7340	0.0331	0.0369	0.000139	0.0123	0.00263	19.6	0.0000248	0.000944	0.00716	0.0487	0.136
2028 Jul	0.00457	0.0028	0.0726	0.0000138	216	65	0.164	0.0234	6800	0.0306	0.0349	0.000138	0.0115	0.00247	18.2	0.0000232	0.00104	0.00663	0.0454	0.126
2028 Aug	0.00648	0.00367	0.0668	0.0000146	309	91.4	0.227	0.0332	9690	0.0435	0.0457	0.000148	0.0162	0.00348	25.8	0.0000323	0.00125	0.00927	0.0638	0.18
2028 Sep	0.00482	0.00447	0.0669	0.0000174	238	80.4	0.226	0.0255	7180	0.0436	0.0367	0.000108	0.012	0.00282	18.2	0.0000237	0.00195	0.00754	0.0462	0.132
2028 Oct	0.00301	0.00362	0.0766	0.0000155	150	53.9	0.161	0.0161	4410	0.0311	0.0271	0.0000733	0.00734	0.00181	10.9	0.0000151	0.00145	0.00494	0.0283	0.0809
2028 Nov	0.00466	0.00312	0.0766	0.0000133	221	67.2	0.17	0.0239	6900	0.0324	0.0363	0.000103	0.0116	0.00252	18.3	0.0000235	0.000942	0.00672	0.0456	0.128
2028 Dec	0.00584	0.0031	0.0751	0.0000126	274	79.2	0.19	0.0297	8690	0.0362	0.0428	0.000124	0.0145	0.00307	23.4	0.0000293	0.00077	0.00817	0.0576	0.162
2029 Jan	0.00669	0.00308	0.0741	0.000012	312	87.7	0.204	0.0338	9950	0.0391	0.0476	0.00014	0.0167	0.00346	27	0.0000336	0.000645	0.00922	0.0663	0.186
2029 Feb	0.0073	0.00306	0.0733	0.0000117	339	93.6	0.215	0.0368	10800	0.0411	0.051	0.000151	0.0182	0.00375	29.5	0.0000366	0.000555	0.00998	0.0725	0.202
2029 Mar	0.00772	0.00305	0.0728	0.0000114	357	97.7	0.222	0.0389	11400	0.0425	0.0533	0.000159	0.0193	0.00394	31.2	0.0000387	0.000494	0.0105	0.0768	0.214
2029 Apr	0.00804	0.00305	0.0724	0.0000112	371	101	0.227	0.0404	11900	0.0435	0.0551	0.000164	0.0201	0.00409	32.5	0.0000403	0.000448	0.0109	0.08	0.222
2029 May	0.00828	0.00306	0.0723	0.0000111	381	103	0.232	0.0416	12300	0.0444	0.0564	0.000169	0.0207	0.0042	33.5	0.0000415	0.000417	0.0112	0.0825	0.229
2029 Jun	0.00634	0.00332	0.0742	0.0000126	299	85.4	0.214	0.0321	9350	0.0417	0.0453	0.00016	0.0157	0.00332	25	0.0000317	0.000663	0.00911	0.0625	0.174
2029 Jul	0.00304	0.00258	0.0727	0.0000147	143	47.5	0.133	0.0159	4420	0.0236	0.026	0.000121	0.00767	0.00174	11.5	0.0000157	0.00126	0.00464	0.0301	0.0818
2029 Aug	0.00464	0.00364	0.0656	0.0000163	222	71.9	0.196	0.0243	6810	0.0366	0.0351	0.000117	0.0116	0.00264	17.7	0.0000231	0.0016	0.00693	0.0453	0.126
2029 Sep	0.00549	0.00434	0.0671	0.0000165	266	85.4	0.235	0.0287	8080	0.0455	0.0405	0.000119	0.0136	0.0031	20.8	0.000027	0.00159	0.00836	0.0531	0.149
2029 Oct	0.00583	0.00347	0.0709	0.0000139	268	81.9	0.203	0.0299	8510	0.0372	0.0423	0.000124	0.0147	0.00315	22.8	0.0000291	0.00116	0.00819	0.0573	0.158
2029 Nov	0.00579	0.00316	0.0717	0.0000133	263	79	0.189	0.0296	8440	0.0341	0.0421	0.000123	0.0146	0.0031	22.9	0.000029	0.00106	0.00795	0.0573	0.157
2029 Dec	0.00676	0.00313	0.0713	0.0000126	308	88.5	0.206	0.0343	9900	0.0378	0.0476	0.000141	0.017	0.00354	27	0.0000339	0.000856	0.00919	0.0671	0.184
2030 Jan	0.00743	0.0031	0.0711	0.000012	336	94.4	0.217	0.038	10800	0.0403	0.0514	0.000153	0.0187	0.00387	29.6	0.0000372	0.000712	0.01	0.0739	0.202
2030 Feb	0.0079	0.00308	0.0709	0.0000117	354	98	0.225	0.041	11400	0.0421	0.0541	0.000161	0.0198	0.00412	31.3	0.0000395	0.000612	0.0106	0.0787	0.213
2030 Mar	0.00822	0.00307	0.0707	0.0000114	366	100	0.23	0.043	11800	0.0433	0.0559	0.000167	0.0206	0.0043	32.4	0.0000411	0.000543	0.011	0.0819	0.221
2030 Apr	0.00847	0.00306	0.0707	0.0000112	376	102	0.234	0.0446	12100	0.0442	0.0573	0.000172	0.0212	0.00443	33.3	0.0000424	0.00049	0.0114	0.0844	0.227
2030 May	0.00868	0.00306	0.0708	0.0000111	384	104	0.238	0.0459	12400	0.045	0.0585	0.000176	0.0217	0.00454	34	0.0000434	0.000452	0.0116	0.0865	0.232
2030 Jun	0.00637	0.00284	0.0719	0.0000122	285	80	0.196	0.034	9070	0.037	0.0453	0.000154	0.0159	0.00341	24.6	0.0000321	0.000641	0.00885	0.0635	0.169
2030 Jul	0.00506	0.00302	0.0714	0.0000139	229	68.8	0.182	0.0276	7180	0.0333	0.0377	0.000141	0.0127	0.00282	19.1	0.0000255	0.00103	0.00729	0.0502	0.133
2030 Aug	0.00637	0.00373	0.0679	0.0000147	289	86.5	0.23	0.0356	9020	0.0424	0.0454	0.000148	0.016	0.0036	23.9	0.0000317	0.00121	0.00913	0.0629	0.168
2030 Sep	0.0077	0.00386	0.0669	0.000014	345	99.8	0.255	0.0428	10900	0.0476	0.0531	0.00016	0.0193	0.00427	29.1	0.0000382	0.00108	0.0108	0.0761	0.202
2030 Oct	0.00617	0.00339	0.0702	0.0000141	272	81.5	0.207	0.0344	8650	0.0375	0.0445	0.00013	0.0155	0.00346	23.3	0.0000308	0.0012	0.00857	0.061	0.161
2030 Nov	0.0066	0.00309	0.0712	0.000013	287	83.1	0.203	0.0364	9230	0.0369	0.0468	0.000138	0.0166	0.00363	25.1	0.0000033	0.000947	0.00897	0.0655	0.172
2030 Dec	0.00751	0.00307	0.0709	0.0000122	327	91.5	0.218	0.0412	10500	0.0404	0.052	0.000154	0.0189	0.00406	28.8	0.0000376	0.000736	0.0101	0.0748	0.197
2031 Jan	0.0081	0.00305	0.0707	0.0000117	352	96.6	0.228	0.0454	11300	0.0427	0.0553	0.000165	0.0203	0.00445	31.1	0.0000406	0.000599	0.0109	0.0808	0.212
2031 Feb	0.0085	0.00304	0.0705	0.0000113	367	99.9	0.235	0.0489	11900	0.0442	0.0575	0.000172	0.0213	0.00478	32.5	0.0000425	0.000507	0.0114	0.0848	0.221
2031 Mar	0.00876	0.00303	0.0704	0.0000111	377	102	0.239	0.0512	12200	0.0452	0.059	0.000177	0.0219	0.00499	33.5	0.0000438	0.000447	0.0117	0.0874	0.228
2031 Apr	0.00895	0.00303	0.0704	0.0000109	385	104	0.242	0.0529	12400	0.046	0.0601	0.000181	0.0224	0.00515	34.2	0.0000448	0.000404	0.012	0.0894	0.233
2031 May	0.00884	0.00301	0.075	0.0000109	379	102	0.242	0.0526	12200	0.0453	0.0594	0.000205	0.0221	0.00512	33.7	0.0000442	0.000394	0.0118	0.0881	0.229
2031 Jun	0.00693	0.00297	0.0971	0.000012	296	82.9	0.221	0.0412	9480	0.0382	0.0484	0.000308	0.0171	0.00407	25.8	0.0000344	0.00061	0.00954	0.0682	0.177
2031 Jul	0.00711	0.00309	0.0926	0.0000123	305	85.5	0.226	0.0428	9740	0.0398	0.0495	0.000283	0.0176	0.00423	26.5	0.0000353	0.000663	0.0098	0.0701	0.182
2031 Aug	0.00623	0.00434	0.0729	0.0000157	280	86.6	0.254	0.0395	8610	0.0462	0.0447	0.000178	0.0155	0.00402	22.5	0.0000306	0.00139	0.00924	0.0608	0.16
2031 Sep	0.00427	0.00592	0.069	0.0000187	214	78.2	0.281	0.0289	5950	0.0519	0.0345	0.000101	0.0105	0.00311	13.8	0.0000203	0.00193	0.00763	0.0399	0.109
2031 Oct	0.00216	0.00497	0.0752	0.0000177	113	52	0.201	0.0153	2930	0.0352	0.0225	0.0000609	0.00535	0.0018	6.13	0.0000102	0.00186	0.0044	0.0192	0.0525
2031 Nov	0.00186	0.00477	0.0756	0.0000172	93.8	48.2	0.184	0.0132	2460	0.031	0.0204	0.0000548	0.00473	0.00161	5.11	0.0000088	0.00185	0.0038	0.0163	0.0437
2031 Dec	0.00186	0.00477	0.0756	0.0000172	93.8	48.2	0.184	0.0132	2460	0.031	0.0204	0.0000548	0.00474	0.00161	5.11	0.0000088	0.00185	0.0038	0.0163	0.0437
2032 Jan	0.00186	0.00477	0.0756	0.0000172	93.8	48.2	0.184	0.0132	2460	0.031	0.0204	0.0000548	0.00474	0.00161	5.11	0.0000088	0.00185	0.0038	0.0163	0.0437
2032 Feb	0.00186	0.00477	0.0756	0.0000172	93.8	48.2	0.184	0.0132	2460	0.031	0.0204	0.0000548	0.00474	0.00161	5.11	0.0000088	0.00185	0.0038	0.0163	0.0437
2032 Mar	0.00186	0.00477	0.0756	0.0000172	93.9	48.2	0.184	0.0132	2460	0.031	0.0204	0.0000548	0.00474	0.00161	5.11	0.0000088	0.00185	0.0038	0.0163	0.0438
2032 Apr	0.00186	0.00477	0.0757	0.0000172	94	48.3	0.184	0.0132	2470	0.031	0.0205	0.0000549	0.00474	0.00162	5.12	0.00000881	0.00185	0.00381	0.0163	0.0438
2032 May	0.00185	0.00481	0.0773	0.0000174	93.2	48.5	0.185	0.0131	2450	0.031	0.0204	0.0000639	0.00474	0.00162	5.07	0.00000876	0.00188	0.0038	0.0162	0.0434
2032 Jun	0.00065	0.0026	0.0757	0.0000123	32.2	20.8	0.0966	0.00438	736	0.0141	0.0116	0.000148	0.00158	0.000622	1.22	0.00000365	0.00107	0.0017	0.00554	0.0127
2032 Jul	0.000328	0.00191	0.0545	0.00000994	16.3	13.2	0.0604	0.00234	338	0.00859	0.00862	0.0000991	0.000838	0.000372	0.44	0.00000252	0.000954	0.000965	0.00299	0.0056
2032 Aug	0.000255	0.00162	0.0434	0.00000766	11.5	10.2	0.0449	0.00171	236	0.00629	0.0074	0.0000779	0.000625	0.000287	0.312	0.00000234	0.000745	0.000691	0.00232	0.00386
2032 Sep	0.000223	0.00145	0.0369	0.00000632	9.16	8.5	0.0365	0.00139	186	0.00508	0.00677	0.000066	0.000507	0.00024	0.251	0.00000227	0.000616	0.000554	0.002	0.00302
2032 Oct	0.000211	0.00139	0.0347	0.00000581	8.33	7.86	0.0334	0.00127	168	0.00464	0.00659	0.0000635	0.000463	0.000222	0.229	0.00000224	0.000566	0.000505	0.00188	0.00272
2032 Nov	0.000212	0.0014	0.0348	0.00000585	8.33	7.95	0.0337	0.00127	169	0.00466	0.0066	0.0000633	0.000468	0.000224	0.23	0.00000224	0.000571	0.000507	0.00188	0.00272
2032 Dec	0.000212	0.00141	0.035	0.00000588	8.32	8.02	0.0339	0.00128	169	0.00468	0.00661	0.0000632	0.000472	0.000226	0.23	0.00000224	0.000575	0.000508	0.00188	0.00272
2033 Jan	0.000212	0.00141	0.035	0.00000588	8.32	8.02	0.0339	0.00128	169	0.00468	0.00661	0.0000632	0.000472	0.000226	0.23	0.00000224	0.000575	0.000508	0.00188	0.00272
2033 Feb	0.000212	0.00141	0.035	0.00000588	8.32	8.02	0.0339	0.00128	169	0.00468	0.00661	0.0000632	0.000473	0.000226	0.23	0.00000224	0.000575	0.000508	0.00188	0.00272
2033 Mar	0.000212	0.00141	0.035	0.00000588	8.32	8.02	0.0339	0.00128	169	0.00468	0.00661	0.0000632	0.000473	0.000226	0.23	0.00000224	0.000575	0.000508	0.00188	0.00272
2033 Apr	0.000212	0.00141	0.035	0.00000589	8.32	8.02	0.0339	0.00128	169	0.00468	0.00662	0.0000632	0.000473	0.000226	0.23	0.00000224	0.000576	0.000509	0.00189	0.00272
2033 May	0.000231	0.00143	0.042	0.00000611	8.15	8.19	0.0375	0.00127	165	0.00468	0.0068	0.0000952	0.000481	0.00023	0.23	0.00000223	0.000576	0.000544	0.0019	0.00265
2033 Jun	0.000255	0.00145	0.0542	0.00000667	7.48	8.36	0.0433	0.00122	150	0.00454	0.00709	0.00015	0.000488	0.000232	0.219	0.00000218	0.00061	0.000591	0.00188	0.00239
2033 Jul	0.000237	0.0014	0.0511	0.00000628	6.8	7.79	0.0399	0.00113	135	0.00418	0.00689	0.000141	0.00045	0.000217	0.199	0.00000216	0.000575	0.000544	0.00178	0.00215
2033 Aug	0.000219	0.00134	0.0468	0.00000569	6.1	7.1	0.0358	0.00101	120	0.00378	0.0066	0.000128	0.000405	0.000199	0.179	0.00000215	0.000521	0.000488	0.00167	0.0019
2033 Sep	0.000207	0.0013	0.0436	0.00000534	5.55	6.72	0.0329	0.000943	108	0.00349	0.00642	0.000115	0.000378	0.000188	0.164	0.00000212	0.000492	0.000444	0.00158	0.0017
2033 Oct	0.000203	0.0013	0.0431	0.00000537	5.28	6.77	0.0322	0.000937	103	0.00343	0.00646	0.000108	0.000378	0.000188	0.158	0.0000021	0.000494	0.000428	0.00155	0.00161

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Nov	0.000203	0.0013	0.0433	0.0000054	5.27	6.79	0.0322	0.000939	103	0.00344	0.00648	0.000108	0.000379	0.000188	0.158	0.0000021	0.000495	0.000428	0.00155	0.00161
2033 Dec	0.000203	0.00131	0.0433	0.0000054	5.27	6.79	0.0322	0.000939	103	0.00344	0.00648	0.000108	0.000379	0.000188	0.158	0.0000021	0.000495	0.000428	0.00155	0.00161
2034 Jan	0.000203	0.00131	0.0433	0.0000054	5.27	6.79	0.0322	0.000939	103	0.00344	0.00648	0.000108	0.000379	0.000188	0.158	0.0000021	0.000495	0.000428	0.00155	0.00161
2034 Feb	0.000203	0.00131	0.0433	0.0000054	5.27	6.79	0.0322	0.000939	103	0.00344	0.00648	0.000108	0.000379	0.000188	0.158	0.0000021	0.000495	0.000428	0.00155	0.00161
2034 Mar	0.000203	0.00131	0.0433	0.0000054	5.27	6.79	0.0322	0.000939	103	0.00344	0.00648	0.000108	0.000379	0.000188	0.158	0.0000021	0.000495	0.000428	0.00155	0.00161
2034 Apr	0.000203	0.00131	0.0433	0.0000054	5.27	6.79	0.0322	0.00094	103	0.00344	0.00648	0.000108	0.000379	0.000188	0.158	0.0000021	0.000495	0.000428	0.00155	0.00161
2034 May	0.000206	0.00131	0.0445	0.00000545	5.27	6.82	0.0329	0.00094	103	0.00344	0.00652	0.000113	0.00038	0.000189	0.159	0.00000211	0.000496	0.000434	0.00155	0.0016
2034 Jun	0.000219	0.00131	0.0508	0.0000057	5.08	6.78	0.0354	0.000916	97.6	0.00338	0.00669	0.00014	0.000378	0.000188	0.157	0.00000209	0.000497	0.000461	0.00156	0.00152
2034 Jul	0.00021	0.0013	0.0491	0.00000557	4.83	6.63	0.034	0.000886	92.5	0.00327	0.0066	0.000134	0.000368	0.000184	0.149	0.00000208	0.000487	0.000442	0.00153	0.00144
2034 Aug	0.000201	0.00126	0.0466	0.00000524	4.55	6.27	0.0319	0.000831	86.2	0.00308	0.00645	0.000127	0.000345	0.000174	0.141	0.00000209	0.000457	0.000415	0.00148	0.00134
2034 Sep	0.000195	0.00124	0.0446	0.00000505	4.31	6.1	0.0304	0.000801	81.1	0.00296	0.00636	0.000118	0.000333	0.000169	0.134	0.00000208	0.000441	0.000393	0.00144	0.00126
2034 Oct	0.000193	0.00125	0.044	0.00000503	4.19	6.13	0.0299	0.000799	78.9	0.00294	0.00637	0.000114	0.000334	0.00017	0.132	0.00000207	0.000439	0.000385	0.00142	0.00122
2034 Nov	0.000194	0.00125	0.0441	0.00000504	4.19	6.15	0.03	0.0008	78.9	0.00294	0.00637	0.000114	0.000336	0.00017	0.132	0.00000207	0.00044	0.000386	0.00142	0.00122
2034 Dec	0.000194	0.00125	0.0441	0.00000504	4.19	6.15	0.03	0.0008	78.9	0.00294	0.00637	0.000114	0.000336	0.00017	0.132	0.00000207	0.00044	0.000386	0.00142	0.00122
2035 Jan	0.000194	0.00125	0.0441	0.00000504	4.19	6.15	0.03	0.000801	78.9	0.00294	0.00637	0.000114	0.000336	0.00017	0.132	0.00000207	0.00044	0.000386	0.00142	0.00122
2035 Feb	0.000194	0.00125	0.0441	0.00000504	4.19	6.15	0.03	0.000801	78.9	0.00294	0.00637	0.000114	0.000336	0.00017	0.132	0.00000207	0.00044	0.000386	0.00142	0.00122
2035 Mar	0.000194	0.00125	0.0441	0.00000504	4.19	6.15	0.03	0.000801	78.9	0.00294	0.00637	0.000114	0.000336	0.00017	0.132	0.00000207	0.00044	0.000386	0.00142	0.00122
2035 Apr	0.000194	0.00125	0.0441	0.00000504	4.19	6.16	0.03	0.000801	78.9	0.00294	0.00637	0.000114	0.000336	0.00017	0.132	0.00000207	0.00044	0.000386	0.00142	0.00122
2035 May	0.000194	0.00125	0.0443	0.00000505	4.2	6.17	0.0301	0.000802	79	0.00295	0.00639	0.000115	0.000336	0.000171	0.132	0.00000207	0.000441	0.000387	0.00143	0.00122
2035 Jun	0.000198	0.00124	0.0478	0.0000053	4.09	6.11	0.0312	0.000787	75.7	0.0029	0.00651	0.000127	0.000336	0.000169	0.13	0.00000206	0.000444	0.000403	0.00144	0.00117
2035 Jul	0.000192	0.00123	0.0468	0.00000522	3.95	5.95	0.0302	0.000764	72.6	0.00282	0.00646	0.000123	0.000327	0.000165	0.126	0.00000206	0.000435	0.000391	0.00142	0.00113
2035 Aug	0.000187	0.00121	0.0452	0.00000503	3.79	5.75	0.0289	0.000734	69	0.00272	0.00636	0.000118	0.000313	0.00016	0.121	0.00000206	0.000418	0.000374	0.0014	0.00107
2035 Sep	0.000183	0.0012	0.0439	0.00000491	3.63	5.66	0.0279	0.000717	65.8	0.00265	0.0063	0.000111	0.000308	0.000157	0.117	0.00000205	0.000405	0.00036	0.00137	0.00102
2035 Oct	0.000181	0.00119	0.0435	0.00000486	3.55	5.6	0.0274	0.000707	64.1	0.00261	0.00629	0.000109	0.000303	0.000155	0.115	0.00000204	0.000396	0.000352	0.00136	0.00099
2035 Nov	0.000181	0.0012	0.0436	0.00000488	3.54	5.63	0.0274	0.00071	64	0.00262	0.0063	0.000108	0.000305	0.000156	0.116	0.00000204	0.000397	0.000353	0.00136	0.00099
2035 Dec	0.000181	0.0012	0.0436	0.00000488	3.55	5.63	0.0274	0.00071	64	0.00262	0.0063	0.000108	0.000305	0.000156	0.116	0.00000204	0.000397	0.000353	0.00136	0.00099
2036 Jan	0.000181	0.0012	0.0436	0.00000488	3.55	5.63	0.0274	0.00071	64	0.00262	0.0063	0.000108	0.000305	0.000156	0.116	0.00000204	0.000397	0.000353	0.00136	0.00099
2036 Feb	0.000181	0.0012	0.0436	0.00000488	3.55	5.63	0.0274	0.00071	64	0.00262	0.0063	0.000108	0.000305	0.000156	0.116	0.00000204	0.000397	0.000353	0.00136	0.00099
2036 Mar	0.000181	0.0012	0.0436	0.00000488	3.55	5.63	0.0274	0.00071	64	0.00262	0.0063	0.000108	0.000305	0.000156	0.116	0.00000204	0.000397	0.000353	0.00136	0.00099
2036 Apr	0.000181	0.0012	0.0436	0.00000488	3.55	5.64	0.0274	0.00071	64	0.00262	0.00631	0.000108	0.000305	0.000156	0.116	0.00000204	0.000397	0.000353	0.00136	0.00099
2036 May	0.000182	0.0012	0.0438	0.00000489	3.55	5.65	0.0275	0.000712	64.1	0.00262	0.00632	0.000109	0.000306	0.000156	0.116	0.00000204	0.000398	0.000354	0.00136	0.000992
2036 Jun	0.000181	0.00119	0.0448	0.00000497	3.47	5.58	0.0275	0.000698	62.3	0.00259	0.00636	0.000111	0.000305	0.000154	0.114	0.00000204	0.00039	0.000358	0.00137	0.000964
2036 Jul	0.000177	0.00118	0.0443	0.00000491	3.36	5.42	0.0267	0.000675	59.9	0.00252	0.00633	0.000109	0.000297	0.00015	0.111	0.00000204	0.000377	0.000351	0.00136	0.000926
2036 Aug	0.000173	0.00116	0.0432	0.00000475	3.27	5.26	0.0258	0.000652	57.7	0.00244	0.00627	0.000106	0.000287	0.000146	0.108	0.00000204	0.000363	0.00034	0.00134	0.000889
2036 Sep	0.00017	0.00115	0.042	0.0000046	3.16	5.12	0.0249	0.000631	55.5	0.00237	0.0062	0.000102	0.000278	0.000143	0.105	0.00000204	0.000348	0.000328	0.00132	0.000852
2036 Oct	0.000169	0.00114	0.0417	0.00000455	3.1	5.07	0.0245	0.000623	54.3	0.00233	0.00619	0.0001	0.000274	0.000141	0.104	0.00000204	0.00034	0.000323	0.00131	0.000833
2036 Nov	0.000169	0.00114	0.0417	0.00000456	3.1	5.09	0.0245	0.000624	54.3	0.00234	0.00619	0.0000999	0.000275	0.000142	0.104	0.00000204	0.00034	0.000323	0.00131	0.000833
2036 Dec	0.000169	0.00114	0.0417	0.00000456	3.1	5.09	0.0245	0.000625	54.3	0.00234	0.00619	0.0000999	0.000276	0.000142	0.104	0.00000204	0.00034	0.000323	0.00131	0.000833
2037 Jan	0.000169	0.00114	0.0417	0.00000456	3.1	5.09	0.0245	0.000625	54.3	0.00234	0.00619	0.0000999	0.000276	0.000142	0.104	0.00000204	0.00034	0.000323	0.00131	0.000833
2037 Feb	0.000169	0.00114	0.0417	0.00000456	3.1	5.09	0.0245	0.000625	54.3	0.00234	0.00619	0.0000999	0.000276	0.000142	0.104	0.00000204	0.00034	0.000323	0.00131	0.000833
2037 Mar	0.000169	0.00114	0.0417	0.00000456	3.1	5.09	0.0245	0.000625	54.3	0.00234	0.00619	0.0000999	0.000276	0.000142	0.104	0.00000204	0.00034	0.000323	0.00131	0.000833
2037 Apr	0.000169	0.00114	0.0418	0.00000456	3.1	5.09	0.0246	0.000625	54.3	0.00234	0.0062	0.0000999	0.000276	0.000142	0.104	0.00000204	0.00034	0.000323	0.00131	0.000833
2037 May	0.000173	0.00115	0.0434	0.00000461	3.1	5.09	0.0253	0.000622	53.9	0.00234	0.00624	0.000107	0.000275	0.000142	0.105	0.00000204	0.000338	0.000332	0.00131	0.000826
2037 Jun	0.000178	0.00114	0.0457	0.00000465	3.04	5.03	0.0261	0.000607	52.4	0.0023	0.00628	0.000118	0.000273	0.00014	0.104	0.00000203	0.000329	0.000342	0.00131	0.000801
2037 Jul	0.000175	0.00113	0.0451	0.00000458	2.98	4.94	0.0256	0.000594	51.1	0.00226	0.00626	0.000116	0.000267	0.000138	0.103	0.00000203	0.000321	0.000337	0.00131	0.00078
2037 Aug	0.000172	0.00112	0.0441	0.00000446	2.91	4.82	0.0248	0.000578	49.5	0.00221	0.00621	0.000113	0.00026	0.000135	0.1	0.00000204	0.000311	0.000328	0.00129	0.000754
2037 Sep	0.00017	0.00111	0.0432	0.00000434	2.84	4.71	0.0241	0.000562	48	0.00215	0.00616	0.00011	0.000252	0.000132	0.0982	0.00000204	0.000301	0.000319	0.00128	0.000729
2037 Oct	0.000169	0.00111	0.0427	0.00000429	2.8	4.65	0.0237	0.000555	47.1	0.00212	0.00614	0.000109	0.000248	0.00013	0.097	0.00000204	0.000295	0.000314	0.00127	0.000715
2037 Nov	0.000169	0.00111	0.0428	0.0000043	2.8	4.65	0.0237	0.000555	47.1	0.00212	0.00615	0.000109	0.000248	0.00013	0.097	0.00000204	0.000295	0.000314	0.00127	0.000715
2037 Dec	0.000169	0.00111	0.0428	0.0000043	2.8	4.65	0.0237	0.000555	47.1	0.00212	0.00615	0.000109	0.000248	0.00013	0.097	0.00000204	0.000295	0.000314	0.00127	0.000715
2038 Jan	0.000169	0.00111	0.0428	0.0000043	2.8	4.65	0.0237	0.000555	47.1	0.00212	0.00615	0.000109	0.000248	0.00013	0.097	0.00000204	0.000295	0.000314	0.00127	0.000715
2038 Feb	0.000169	0.00111	0.0428	0.0000043	2.8	4.65	0.0237	0.000555	47.1	0.00212	0.00615	0.000109	0.000248	0.00013	0.097	0.00000204	0.000295	0.000314	0.00127	0.000715
2038 Mar	0.000169	0.00111	0.0428	0.0000043	2.8	4.65	0.0237	0.000555	47.1	0.00212	0.00615	0.000109	0.000248	0.00013	0.097	0.00000204	0.000295	0.000314	0.00127	0.000715
2038 Apr	0.000169	0.00111	0.0428	0.0000043	2.8	4.65	0.0237	0.000555	47.1	0.00212	0.00615	0.000109	0.000249	0.00013	0.0971	0.00000204	0.000295	0.000314	0.00127	0.000715
2038 May	0.00017	0.00111	0.0433	0.00000432	2.8	4.66	0.024	0.000555	47.1	0.00212	0.00617	0.000111	0.000249	0.000131	0.0974	0.00000204	0.000295	0.000317	0.00127	0.000714
2038 Jun	0.000175	0.0011	0.0455	0.00000437	2.76	4.61	0.0248	0.000544	46	0.0021	0.00621	0.000121	0.000246	0.000129	0.0974	0.00000203	0.000288	0.000327	0.00128	0.000695
2038 Jul	0.000173	0.0011	0.0451	0.00000432	2.73	4.55	0.0244	0.000535	45.2	0.00207	0.00621	0.00012	0.000242	0.000128	0.0962	0.00000204	0.000283	0.000323	0.00127	0.000682
2038 Aug	0.000173	0.0011	0.045	0.00000431	2.72	4.54	0.0243	0.000534	45	0.00207	0.00622	0.000119	0.000242	0.000128	0.096	0.00000205	0.000282	0.000322	0.00127	0.000678
2038 Sep	0.000173	0.0011	0.0452	0.00000433	2.72	4.54	0.0244	0.000535	44.9	0.00207	0.00623	0.000119	0.000242	0.000128	0.0962	0.00000205	0.000282	0.000322	0.00127	0.000678
2038 Oct	0.000173	0.0011	0.0453	0.00000434	2.72	4.55	0.0243	0.000536	44.9	0.00207	0.00624	0.000119	0.000242	0.000128	0.0962	0.00000205	0.000281	0.000322	0.00127	0.000677
2038 Nov	0.000173	0.00111	0.0453	0.00000434	2.72	4.55	0.0243	0.000536	44.9	0.00207	0.00624	0.000119	0.000242	0.000128	0.0962	0.00000205	0.000281	0.000322	0.00127	0.000677
2038 Dec	0.000173	0.00111	0.0453	0.00000434	2.72	4.55	0.0244	0.000536	44.9	0.00207	0.00625	0.000119	0.000242	0.000128	0.0962	0.00000205	0.000281	0.000322	0.00127	0.000677
2039 Jan	0.000173	0.00111	0.0453	0.00000434	2.72	4.55	0.0244	0.000536	44.9	0.00207	0.00625	0.000119	0.000242	0.000128	0.0962	0.00000205	0.000281	0.000322	0.00127	0.000677
2039 Feb	0.000173	0.00111	0.0453	0.00000434	2.72	4.55	0.0244	0.000536	44.9	0.00207	0.00625	0.000119	0.000242	0.000128	0.0962	0.00000205	0.000281	0.000322	0.00127	0.000677
2039 Mar	0.000173	0.00111	0.0453	0.00000434	2.72	4.55	0.0244	0.000536	44.9	0.00207	0.00625	0.000119	0.000242	0.000128	0.0962	0.00000205	0.000282	0.000322	0.00127	0.000677
2039 Apr	0.000173	0.00111	0.0453	0.00000435	2.72	4.55	0.0244	0.000536	44.9	0.00207	0.00625	0.000119	0.000242	0.000128	0.0962	0.00000205	0.000282	0.000322	0.00128	0.000677
2039 May	0.000173	0.00111	0.0453	0.00000435	2.72	4.56	0.0244	0.000537	44.9	0.00208	0.00625	0.000119	0.000243	0.000128	0.0963	0.00000205	0.000282	0.000323	0.00128	0.000678

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Jun	0.000172	0.0011	0.0459	0.00000445	2.68	4.53	0.0243	0.000531	44.1	0.00207	0.00629	0.000119	0.000245	0.000127	0.0956	0.00000205	0.000278	0.000327	0.00129	0.000667
2039 Jul	0.00017	0.00109	0.0463	0.00000451	2.65	4.49	0.0242	0.000525	43.5	0.00205	0.0063	0.000118	0.000245	0.000126	0.0949	0.00000204	0.000274	0.000327	0.00129	0.000658
2039 Aug	0.00017	0.00109	0.0467	0.00000455	2.65	4.5	0.0242	0.000526	43.4	0.00206	0.00633	0.000118	0.000245	0.000126	0.095	0.00000204	0.000274	0.000326	0.0013	0.000657
2039 Sep	0.000171	0.0011	0.0468	0.00000456	2.65	4.51	0.0242	0.000527	43.4	0.00206	0.00635	0.000118	0.000246	0.000127	0.0952	0.00000205	0.000274	0.000327	0.0013	0.000658
2039 Oct	0.000171	0.0011	0.0469	0.00000457	2.65	4.51	0.0242	0.000528	43.4	0.00206	0.00635	0.000118	0.000246	0.000127	0.0953	0.00000205	0.000274	0.000327	0.0013	0.000657
2039 Nov	0.000171	0.0011	0.0469	0.00000457	2.65	4.51	0.0242	0.000528	43.4	0.00206	0.00635	0.000118	0.000246	0.000127	0.0953	0.00000205	0.000274	0.000327	0.0013	0.000658
2039 Dec	0.000171	0.0011	0.0469	0.00000457	2.65	4.52	0.0242	0.000528	43.4	0.00206	0.00635	0.000118	0.000246	0.000127	0.0953	0.00000205	0.000274	0.000327	0.0013	0.000658
2040 Jan	0.000171	0.0011	0.0469	0.00000457	2.65	4.52	0.0242	0.000528	43.4	0.00206	0.00635	0.000118	0.000246	0.000127	0.0953	0.00000205	0.000274	0.000327	0.0013	0.000658
2040 Feb	0.000171	0.0011	0.0469	0.00000457	2.65	4.52	0.0242	0.000528	43.4	0.00206	0.00635	0.000118	0.000246	0.000127	0.0953	0.00000205	0.000274	0.000327	0.0013	0.000658
2040 Mar	0.000171	0.0011	0.0469	0.00000457	2.65	4.52	0.0242	0.000528	43.4	0.00206	0.00635	0.000118	0.000246	0.000127	0.0953	0.00000205	0.000274	0.000327	0.0013	0.000658
2040 Apr	0.000171	0.0011	0.0469	0.00000457	2.65	4.52	0.0242	0.000528	43.4	0.00206	0.00635	0.000118	0.000246	0.000127	0.0953	0.00000205	0.000274	0.000327	0.0013	0.000658
2040 May	0.000172	0.0011	0.0472	0.00000459	2.65	4.52	0.0244	0.000528	43.4	0.00207	0.00637	0.000119	0.000246	0.000127	0.0956	0.00000205	0.000274	0.000329	0.0013	0.000658
2040 Jun	0.000177	0.00109	0.0497	0.00000468	2.62	4.49	0.0253	0.00052	42.5	0.00205	0.00643	0.000129	0.000245	0.000126	0.096	0.00000204	0.000269	0.000341	0.00131	0.000643
2040 Jul	0.000177	0.0011	0.0499	0.00000471	2.62	4.5	0.0254	0.00052	42.5	0.00205	0.00645	0.00013	0.000246	0.000126	0.0962	0.00000205	0.000269	0.000343	0.00132	0.000643
2040 Aug	0.000178	0.0011	0.0501	0.00000473	2.63	4.51	0.0255	0.000522	42.6	0.00206	0.00648	0.00013	0.000247	0.000127	0.0965	0.00000205	0.00027	0.000343	0.00132	0.000644
2040 Sep	0.000178	0.0011	0.0502	0.00000474	2.63	4.52	0.0255	0.000523	42.6	0.00206	0.00649	0.00013	0.000248	0.000127	0.0966	0.00000205	0.00027	0.000344	0.00132	0.000645
2040 Oct	0.000178	0.0011	0.0503	0.00000475	2.63	4.53	0.0255	0.000524	42.6	0.00206	0.0065	0.00013	0.000248	0.000127	0.0966	0.00000205	0.00027	0.000344	0.00132	0.000644
2040 Nov	0.000178	0.0011	0.0503	0.00000476	2.63	4.53	0.0255	0.000524	42.6	0.00207	0.0065	0.00013	0.000248	0.000127	0.0967	0.00000205	0.00027	0.000344	0.00132	0.000645
2040 Dec	0.000178	0.0011	0.0503	0.00000476	2.63	4.53	0.0255	0.000524	42.6	0.00207	0.0065	0.00013	0.000248	0.000127	0.0967	0.00000205	0.00027	0.000344	0.00132	0.000645
2041 Jan	0.000178	0.0011	0.0503	0.00000476	2.63	4.53	0.0255	0.000524	42.6	0.00207	0.0065	0.00013	0.000248	0.000127	0.0967	0.00000205	0.00027	0.000344	0.00132	0.000645
2041 Feb	0.000178	0.0011	0.0503	0.00000476	2.63	4.53	0.0255	0.000524	42.6	0.00207	0.0065	0.00013	0.000248	0.000127	0.0967	0.00000205	0.00027	0.000344	0.00132	0.000645
2041 Mar	0.000178	0.0011	0.0503	0.00000476	2.63	4.53	0.0255	0.000524	42.6	0.00207	0.0065	0.00013	0.000248	0.000127	0.0967	0.00000205	0.00027	0.000344	0.00132	0.000645
2041 Apr	0.000178	0.0011	0.0503	0.00000476	2.63	4.53	0.0255	0.000524	42.6	0.00207	0.0065	0.00013	0.000248	0.000127	0.0967	0.00000206	0.00027	0.000344	0.00132	0.000645
2041 May	0.000178	0.00111	0.0504	0.00000476	2.63	4.54	0.0256	0.000525	42.6	0.00207	0.00651	0.00013	0.000249	0.000128	0.0969	0.00000206	0.00027	0.000345	0.00132	0.000646
2041 Jun	0.000177	0.0011	0.051	0.00000484	2.6	4.49	0.0255	0.000518	41.9	0.00205	0.00653	0.00013	0.000249	0.000126	0.0961	0.00000205	0.000266	0.000348	0.00133	0.000634
2041 Jul	0.000176	0.00109	0.0512	0.00000489	2.56	4.44	0.0253	0.000511	41.2	0.00203	0.00654	0.000129	0.000248	0.000125	0.0952	0.00000204	0.000262	0.000348	0.00134	0.000624
2041 Aug	0.000176	0.00109	0.0515	0.00000492	2.57	4.46	0.0254	0.000513	41.3	0.00204	0.00657	0.00013	0.000249	0.000125	0.0956	0.00000205	0.000263	0.000349	0.00134	0.000626
2041 Sep	0.000177	0.00109	0.0516	0.00000493	2.57	4.47	0.0254	0.000515	41.3	0.00205	0.00658	0.00013	0.00025	0.000126	0.0957	0.00000205	0.000263	0.000349	0.00134	0.000627
2041 Oct	0.000177	0.00109	0.0516	0.00000494	2.57	4.47	0.0254	0.000516	41.3	0.00205	0.00659	0.000129	0.00025	0.000126	0.0958	0.00000205	0.000263	0.000349	0.00134	0.000627
2041 Nov	0.000177	0.00109	0.0517	0.00000495	2.57	4.48	0.0254	0.000516	41.3	0.00205	0.00659	0.00013	0.00025	0.000126	0.0958	0.00000205	0.000263	0.000349	0.00134	0.000627
2041 Dec	0.000177	0.00109	0.0517	0.00000495	2.57	4.48	0.0254	0.000516	41.3	0.00205	0.00659	0.00013	0.00025	0.000126	0.0958	0.00000205	0.000263	0.000349	0.00134	0.000627
2042 Jan	0.000177	0.00109	0.0517	0.00000495	2.57	4.48	0.0254	0.000516	41.3	0.00205	0.00659	0.00013	0.00025	0.000126	0.0958	0.00000205	0.000263	0.000349	0.00134	0.000627
2042 Feb	0.000177	0.00109	0.0517	0.00000495	2.57	4.48	0.0254	0.000516	41.3	0.00205	0.00659	0.00013	0.00025	0.000126	0.0958	0.00000205	0.000263	0.000349	0.00134	0.000627
2042 Mar	0.000177	0.00109	0.0517	0.00000495	2.57	4.48	0.0254	0.000516	41.3	0.00205	0.00659	0.00013	0.00025	0.000126	0.0958	0.00000205	0.000263	0.000349	0.00134	0.000627
2042 Apr	0.000177	0.00109	0.0517	0.00000495	2.57	4.48	0.0254	0.000516	41.3	0.00205	0.0066	0.00013	0.00025	0.000126	0.0959	0.00000205	0.000263	0.00035	0.00135	0.000628
2042 May	0.000177	0.0011	0.0518	0.00000496	2.58	4.49	0.0255	0.000517	41.4	0.00205	0.00661	0.00013	0.000251	0.000126	0.0961	0.00000206	0.000264	0.000351	0.00135	0.000628
2042 Jun	0.000176	0.00109	0.0523	0.00000501	2.55	4.44	0.0254	0.000511	40.8	0.00204	0.00663	0.00013	0.00025	0.000125	0.0954	0.00000205	0.000261	0.000352	0.00135	0.000619
2042 Jul	0.000176	0.00109	0.0526	0.00000506	2.53	4.42	0.0253	0.000508	40.4	0.00203	0.00665	0.00013	0.00025	0.000124	0.095	0.00000205	0.000259	0.000353	0.00136	0.000614
2042 Aug	0.000175	0.00108	0.0527	0.00000509	2.52	4.41	0.0253	0.000508	40.2	0.00203	0.00665	0.000129	0.00025	0.000124	0.0949	0.00000205	0.000257	0.000351	0.00136	0.000611
2042 Sep	0.000175	0.00108	0.0528	0.00000511	2.52	4.41	0.0252	0.000509	40	0.00203	0.00666	0.000128	0.000249	0.000124	0.0948	0.00000205	0.000257	0.00035	0.00136	0.000609
2042 Oct	0.000175	0.00108	0.0528	0.00000512	2.51	4.41	0.0252	0.000509	39.9	0.00203	0.00667	0.000128	0.000249	0.000124	0.0948	0.00000205	0.000256	0.00035	0.00135	0.000608
2042 Nov	0.000175	0.00108	0.0528	0.00000512	2.51	4.42	0.0252	0.00051	39.9	0.00203	0.00667	0.000128	0.000249	0.000124	0.0949	0.00000205	0.000256	0.00035	0.00135	0.000608
2042 Dec	0.000175	0.00108	0.0528	0.00000512	2.51	4.42	0.0252	0.00051	39.9	0.00203	0.00667	0.000128	0.000249	0.000124	0.0949	0.00000205	0.000256	0.00035	0.00135	0.000608
2043 Jan	0.000175	0.00108	0.0528	0.00000512	2.51	4.42	0.0252	0.00051	39.9	0.00203	0.00667	0.000128	0.000249	0.000124	0.0949	0.00000205	0.000256	0.00035	0.00135	0.000608
2043 Feb	0.000175	0.00108	0.0528	0.00000512	2.51	4.42	0.0252	0.00051	39.9	0.00203	0.00667	0.000128	0.000249	0.000124	0.0949	0.00000205	0.000256	0.00035	0.00135	0.000608
2043 Mar	0.000175	0.00108	0.0528	0.00000512	2.51	4.42	0.0252	0.00051	39.9	0.00203	0.00667	0.000128	0.000249	0.000124	0.0949	0.00000205	0.000256	0.00035	0.00135	0.000608
2043 Apr	0.000175	0.00108	0.0529	0.00000512	2.51	4.42	0.0252	0.00051	39.9	0.00203	0.00667	0.000128	0.000249	0.000124	0.0949	0.00000205	0.000256	0.00035	0.00136	0.000609
2043 May	0.000176	0.00109	0.0531	0.00000514	2.52	4.43	0.0253	0.00051	40	0.00203	0.00669	0.000129	0.00025	0.000124	0.0952	0.00000205	0.000257	0.000352	0.00136	0.000609
2043 Jun	0.00018	0.00108	0.0552	0.00000521	2.5	4.4	0.0262	0.000503	39.3	0.00202	0.00674	0.000138	0.000249	0.000124	0.0956	0.00000204	0.000253	0.000362	0.00136	0.000597
2043 Jul	0.000181	0.00109	0.0555	0.00000524	2.5	4.42	0.0263	0.000505	39.3	0.00203	0.00678	0.000139	0.00025	0.000124	0.0959	0.00000205	0.000253	0.000364	0.00137	0.000599
2043 Aug	0.000181	0.00109	0.0558	0.00000527	2.51	4.44	0.0264	0.000507	39.4	0.00204	0.0068	0.000139	0.000251	0.000125	0.0963	0.00000206	0.000254	0.000365	0.00138	0.000601
2043 Sep	0.000182	0.00109	0.0558	0.00000529	2.51	4.45	0.0264	0.000509	39.4	0.00204	0.00681	0.000139	0.000252	0.000125	0.0965	0.00000206	0.000254	0.000365	0.00138	0.000601
2043 Oct	0.000181	0.00109	0.056	0.0000053	2.5	4.45	0.0264	0.00051	39.3	0.00204	0.00683	0.000138	0.000252	0.000125	0.0965	0.00000206	0.000254	0.000365	0.00138	0.0006
2043 Nov	0.000181	0.00109	0.056	0.00000531	2.5	4.45	0.0263	0.00051	39.2	0.00204	0.00684	0.000138	0.000252	0.000125	0.0964	0.00000206	0.000253	0.000364	0.00138	0.000599
2043 Dec	0.000181	0.00109	0.056	0.00000531	2.5	4.45	0.0263	0.00051	39.2	0.00204	0.00684	0.000138	0.000252	0.000125	0.0964	0.00000206	0.000253	0.000364	0.00138	0.000599
2044 Jan	0.000181	0.00109	0.056	0.00000531	2.5	4.45	0.0263	0.00051	39.2	0.00204	0.00684	0.000138	0.000252	0.000125	0.0964	0.00000206	0.000253	0.000364	0.00138	0.000599
2044 Feb	0.000181	0.00109	0.056	0.00000531	2.5	4.45	0.0263	0.00051	39.2	0.00204	0.00684	0.000138	0.000252	0.000125	0.0964	0.00000206	0.000253	0.000364	0.00138	0.000599
2044 Mar	0.000181	0.00109	0.056	0.00000531	2.5	4.45	0.0263	0.00051	39.2	0.00204	0.00684	0.000138	0.000252	0.000125	0.0964	0.00000206	0.000253	0.000365	0.00138	0.000599
2044 Apr	0.000181	0.00109	0.056	0.00000531	2.5	4.45	0.0263	0.00051	39.2	0.00204	0.00684	0.000138	0.000252	0.000125	0.0965	0.00000206	0.000253	0.000365	0.00138	0.000599
2044 May	0.000182	0.0011	0.0561	0.00000532	2.5	4.45	0.0264	0.000511	39.3	0.00204	0.00685	0.000138	0.000252	0.000125	0.0966	0.00000206	0.000254	0.000365	0.00138	0.0006
2044 Jun	0.000181	0.00108	0.0568	0.00000538	2.47	4.39	0.0264	0.000502	38.4	0.00202	0.00686	0.00014	0.000251	0.000123	0.0957	0.00000205	0.000249	0.000369	0.00138	0.000586
2044 Jul	0.000181	0.00108	0.0571	0.00000542	2.46	4.38	0.0264	0.000501	38.3	0.00202	0.00689	0.00014	0.000251	0.000123	0.0957	0.00000206	0.000248	0.00037	0.00139	0.000585
2044 Aug	0.000182	0.00109	0.0574	0.00000545	2.47	4.41	0.0265	0.000504	38.5	0.00203	0.00693	0.00014	0.000253	0.000124	0.0962	0.00000207	0.00025	0.000372	0.0014	0.000587
2044 Sep	0.000181	0.00109	0.0574	0.00000547	2.46	4.4	0.0264	0.000504	38.3	0.00202	0.00693	0.000139	0.000252	0.000124	0.096	0.00000206	0.000249	0.00037	0.00139	0.000585
2044 Oct	0.000181	0.00109	0.0575	0.00000548	2.46	4.4	0.0264	0.000504	38.2	0.00202	0.00694	0.000139	0.000252	0.000124	0.096	0.00000206	0.000248	0.00037	0.00139	0.000584
2044 Nov	0.000181	0.00109	0.0575	0.00000548	2.46	4.4	0.0264	0.000505	38.2	0.00202	0.00694	0.000139	0.000252	0.000124	0.096	0.00000206	0.000248	0.00037	0.00139	0.000584
2044 Dec	0.000181	0.00109	0.0575	0.00000548	2.46	4.4	0.0264	0.000505	38.2	0.00202	0.00694	0.000139	0.000252	0.000124	0.096	0.00000206	0.000248	0.00037	0.00139	0.000584

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Jan	0.000181	0.00109	0.0575	0.00000548	2.46	4.4	0.0264	0.000505	38.2	0.00202	0.00694	0.000139	0.000252	0.000124	0.096	0.00000206	0.000248	0.00037	0.00139	0.000584
2045 Feb	0.000181	0.00109	0.0575	0.00000548	2.46	4.4	0.0264	0.000505	38.2	0.00202	0.00694	0.000139	0.000252	0.000124	0.096	0.00000206	0.000248	0.00037	0.00139	0.000584
2045 Mar	0.000181	0.00109	0.0575	0.00000548	2.46	4.4	0.0264	0.000505	38.2	0.00202	0.00694	0.000139	0.000252	0.000124	0.096	0.00000206	0.000248	0.00037	0.00139	0.000584
2045 Apr	0.000181	0.00109	0.0576	0.00000548	2.46	4.4	0.0264	0.000505	38.2	0.00202	0.00694	0.000139	0.000252	0.000124	0.0961	0.00000206	0.000248	0.00037	0.00139	0.000584
2045 May	0.000182	0.00109	0.0576	0.00000549	2.46	4.41	0.0264	0.000505	38.2	0.00203	0.00695	0.000139	0.000252	0.000124	0.0962	0.00000206	0.000249	0.00037	0.0014	0.000585
2045 Jun	0.000181	0.00109	0.0579	0.00000554	2.44	4.39	0.0263	0.000502	37.7	0.00202	0.00697	0.000138	0.000254	0.000123	0.0957	0.00000206	0.000246	0.000373	0.0014	0.00058
2045 Jul	0.00018	0.00108	0.0582	0.00000559	2.43	4.38	0.0263	0.0005	37.5	0.00202	0.00699	0.000138	0.000255	0.000123	0.0955	0.00000206	0.000245	0.000374	0.00141	0.000577
2045 Aug	0.000181	0.00109	0.0584	0.00000562	2.44	4.39	0.0264	0.000501	37.5	0.00202	0.00702	0.000138	0.000255	0.000123	0.0958	0.00000207	0.000245	0.000375	0.00142	0.000578
2045 Sep	0.000181	0.00109	0.0585	0.00000563	2.43	4.4	0.0264	0.000502	37.5	0.00203	0.00703	0.000138	0.000256	0.000123	0.0958	0.00000207	0.000245	0.000375	0.00142	0.000578
2045 Oct	0.000181	0.00109	0.0585	0.00000563	2.44	4.4	0.0264	0.000503	37.5	0.00203	0.00703	0.000138	0.000256	0.000124	0.0959	0.00000207	0.000246	0.000375	0.00142	0.000578
2045 Nov	0.000181	0.00109	0.0585	0.00000564	2.44	4.41	0.0264	0.000503	37.5	0.00203	0.00703	0.000138	0.000256	0.000124	0.096	0.00000207	0.000246	0.000375	0.00142	0.000579
2045 Dec	0.000181	0.00109	0.0585	0.00000564	2.44	4.41	0.0264	0.000503	37.5	0.00203	0.00703	0.000138	0.000256	0.000124	0.096	0.00000207	0.000246	0.000375	0.00142	0.000579
2046 Jan	0.000181	0.00109	0.0585	0.00000564	2.44	4.41	0.0264	0.000503	37.5	0.00203	0.00703	0.000138	0.000256	0.000124	0.096	0.00000207	0.000246	0.000375	0.00142	0.000579
2046 Feb	0.000181	0.00109	0.0585	0.00000564	2.44	4.41	0.0264	0.000503	37.5	0.00203	0.00703	0.000138	0.000256	0.000124	0.096	0.00000207	0.000246	0.000375	0.00142	0.000579
2046 Mar	0.000181	0.00109	0.0585	0.00000564	2.44	4.41	0.0264	0.000503	37.5	0.00203	0.00704	0.000138	0.000256	0.000124	0.096	0.00000207	0.000246	0.000375	0.00142	0.000579
2046 Apr	0.000181	0.00109	0.0585	0.00000564	2.44	4.41	0.0264	0.000503	37.5	0.00203	0.00704	0.000138	0.000256	0.000124	0.096	0.00000207	0.000246	0.000376	0.00142	0.000579
2046 May	0.000181	0.00109	0.0587	0.00000565	2.44	4.42	0.0265	0.000504	37.6	0.00203	0.00705	0.000139	0.000257	0.000124	0.0962	0.00000207	0.000246	0.000376	0.00142	0.00058
2046 Jun	0.00018	0.00108	0.0591	0.00000571	2.41	4.36	0.0264	0.000496	36.8	0.00201	0.00706	0.000139	0.000256	0.000123	0.0953	0.00000207	0.000242	0.000379	0.00143	0.000569
2046 Jul	0.000179	0.00107	0.0593	0.00000575	2.38	4.31	0.0262	0.00049	36.3	0.002	0.00707	0.000138	0.000255	0.000121	0.0945	0.00000206	0.000239	0.000379	0.00143	0.00056
2046 Aug	0.000179	0.00108	0.0595	0.00000577	2.39	4.33	0.0262	0.000492	36.4	0.002	0.00709	0.000138	0.000256	0.000122	0.0948	0.00000207	0.000239	0.00038	0.00144	0.000562
2046 Sep	0.000179	0.00108	0.0596	0.00000579	2.38	4.33	0.0262	0.000493	36.2	0.002	0.0071	0.000138	0.000256	0.000122	0.0948	0.00000206	0.000239	0.000379	0.00144	0.000561
2046 Oct	0.000179	0.00108	0.0596	0.0000058	2.37	4.33	0.0261	0.000494	36.1	0.002	0.00711	0.000137	0.000256	0.000122	0.0947	0.00000206	0.000238	0.000378	0.00143	0.00056
2046 Nov	0.000179	0.00108	0.0596	0.0000058	2.37	4.33	0.0262	0.000494	36.1	0.002	0.00711	0.000137	0.000256	0.000122	0.0948	0.00000206	0.000238	0.000378	0.00143	0.00056
2046 Dec	0.000179	0.00108	0.0596	0.0000058	2.37	4.33	0.0262	0.000494	36.1	0.002	0.00711	0.000137	0.000256	0.000122	0.0948	0.00000206	0.000238	0.000378	0.00143	0.00056
2047 Jan	0.000179	0.00108	0.0596	0.0000058	2.37	4.33	0.0262	0.000494	36.1	0.002	0.00711	0.000137	0.000256	0.000122	0.0948	0.00000206	0.000238	0.000378	0.00143	0.00056
2047 Feb	0.000179	0.00108	0.0596	0.0000058	2.37	4.33	0.0262	0.000494	36.1	0.002	0.00711	0.000137	0.000256	0.000122	0.0948	0.00000206	0.000238	0.000378	0.00143	0.00056
2047 Mar	0.000179	0.00108	0.0596	0.0000058	2.37	4.33	0.0262	0.000494	36.1	0.002	0.00711	0.000137	0.000256	0.000122	0.0948	0.00000206	0.000238	0.000378	0.00143	0.00056
2047 Apr	0.000179	0.00108	0.0597	0.0000058	2.37	4.33	0.0262	0.000494	36.1	0.002	0.00711	0.000137	0.000256	0.000122	0.0948	0.00000206	0.000238	0.000378	0.00143	0.00056
2047 May	0.00018	0.00108	0.0601	0.00000582	2.38	4.34	0.0264	0.000494	36	0.00201	0.00712	0.000139	0.000256	0.000122	0.0951	0.00000206	0.000238	0.000381	0.00144	0.00056
2047 Jun	0.000185	0.00108	0.0622	0.00000587	2.36	4.33	0.0274	0.000489	35.4	0.002	0.00717	0.000149	0.000256	0.000122	0.0958	0.00000206	0.000235	0.000392	0.00144	0.00055
2047 Jul	0.000186	0.00108	0.0625	0.0000059	2.37	4.35	0.0275	0.00049	35.5	0.002	0.0072	0.000149	0.000257	0.000122	0.0961	0.00000207	0.000236	0.000394	0.00145	0.000552
2047 Aug	0.000187	0.00109	0.0628	0.00000593	2.37	4.37	0.0276	0.000492	35.6	0.00201	0.00723	0.00015	0.000258	0.000123	0.0965	0.00000207	0.000236	0.000395	0.00145	0.000553
2047 Sep	0.000187	0.00109	0.0628	0.00000595	2.37	4.37	0.0275	0.000493	35.5	0.00201	0.00724	0.000149	0.000258	0.000123	0.0965	0.00000207	0.000236	0.000394	0.00145	0.000553
2047 Oct	0.000186	0.00109	0.0628	0.00000595	2.36	4.37	0.0275	0.000494	35.4	0.00201	0.00724	0.000149	0.000258	0.000123	0.0965	0.00000207	0.000235	0.000394	0.00145	0.000552
2047 Nov	0.000186	0.00109	0.0628	0.00000596	2.36	4.37	0.0275	0.000494	35.3	0.00201	0.00724	0.000149	0.000258	0.000123	0.0965	0.00000207	0.000235	0.000394	0.00145	0.000552
2047 Dec	0.000186	0.00109	0.0628	0.00000596	2.36	4.37	0.0275	0.000494	35.3	0.00201	0.00724	0.000149	0.000258	0.000123	0.0965	0.00000207	0.000235	0.000394	0.00145	0.000552
2048 Jan	0.000186	0.00109	0.0628	0.00000596	2.36	4.37	0.0275	0.000494	35.3	0.00201	0.00724	0.000149	0.000258	0.000123	0.0965	0.00000207	0.000235	0.000394	0.00145	0.000552
2048 Feb	0.000186	0.00109	0.0628	0.00000596	2.36	4.37	0.0275	0.000494	35.3	0.00201	0.00724	0.000149	0.000258	0.000123	0.0965	0.00000207	0.000235	0.000394	0.00145	0.000552
2048 Mar	0.000186	0.00109	0.0628	0.00000596	2.36	4.37	0.0275	0.000494	35.3	0.00201	0.00724	0.000149	0.000258	0.000123	0.0965	0.00000207	0.000235	0.000394	0.00145	0.000552
2048 Apr	0.000186	0.00109	0.0629	0.00000596	2.36	4.37	0.0275	0.000494	35.4	0.00201	0.00725	0.000149	0.000258	0.000123	0.0965	0.00000207	0.000236	0.000394	0.00145	0.000552
2048 May	0.000187	0.00109	0.0629	0.00000597	2.37	4.38	0.0275	0.000495	35.4	0.00202	0.00726	0.000149	0.000259	0.000123	0.0966	0.00000207	0.000236	0.000394	0.00145	0.000553
2048 Jun	0.000185	0.00108	0.0631	0.00000601	2.33	4.31	0.0272	0.000487	34.7	0.00199	0.00726	0.000148	0.000257	0.000121	0.0956	0.00000206	0.000232	0.000395	0.00146	0.000542
2048 Jul	0.000183	0.00107	0.0633	0.00000606	2.31	4.27	0.027	0.000482	34.3	0.00198	0.00728	0.000147	0.000256	0.00012	0.0948	0.00000206	0.000229	0.000395	0.00146	0.000535
2048 Aug	0.000183	0.00107	0.0635	0.00000609	2.31	4.28	0.0271	0.000483	34.2	0.00198	0.00729	0.000147	0.000257	0.00012	0.095	0.00000206	0.000229	0.000395	0.00146	0.000535
2048 Sep	0.000183	0.00107	0.0635	0.0000061	2.31	4.28	0.0271	0.000484	34.1	0.00198	0.0073	0.000146	0.000257	0.00012	0.0951	0.00000206	0.000229	0.000395	0.00146	0.000535
2048 Oct	0.000183	0.00107	0.0635	0.0000061	2.31	4.29	0.027	0.000485	34.1	0.00198	0.00731	0.000146	0.000257	0.00012	0.095	0.00000206	0.000229	0.000394	0.00146	0.000535
2048 Nov	0.000183	0.00107	0.0636	0.00000611	2.3	4.29	0.027	0.000485	34	0.00199	0.00731	0.000146	0.000257	0.00012	0.0951	0.00000206	0.000229	0.000394	0.00146	0.000535
2048 Dec	0.000183	0.00107	0.0636	0.00000611	2.3	4.29	0.027	0.000485	34.1	0.00199	0.00731	0.000146	0.000257	0.00012	0.0951	0.00000206	0.000229	0.000394	0.00146	0.000535
2049 Jan	0.000183	0.00107	0.0636	0.00000611	2.3	4.29	0.027	0.000485	34.1	0.00199	0.00731	0.000146	0.000257	0.00012	0.0951	0.00000206	0.000229	0.000394	0.00146	0.000535
2049 Feb	0.000183	0.00107	0.0636	0.00000611	2.3	4.29	0.027	0.000485	34.1	0.00199	0.00731	0.000146	0.000257	0.00012	0.0951	0.00000206	0.000229	0.000394	0.00146	0.000535
2049 Mar	0.000183	0.00107	0.0636	0.00000611	2.3	4.29	0.027	0.000485	34.1	0.00199	0.00731	0.000146	0.000257	0.00012	0.0951	0.00000206	0.000229	0.000394	0.00146	0.000535
2049 Apr	0.000183	0.00107	0.0636	0.00000611	2.31	4.29	0.027	0.000485	34.1	0.00199	0.00731	0.000146	0.000257	0.00012	0.0951	0.00000206	0.000229	0.000394	0.00146	0.000535
2049 May	0.000184	0.00107	0.0637	0.00000612	2.31	4.29	0.0271	0.000486	34.1	0.00199	0.00732	0.000146	0.000258	0.000121	0.0952	0.00000207	0.000229	0.000395	0.00147	0.000536
2049 Jun	0.000182	0.00106	0.064	0.00000617	2.27	4.23	0.0269	0.000477	33.4	0.00196	0.00733	0.000146	0.000256	0.000119	0.0942	0.00000206	0.000225	0.000396	0.00147	0.000524
2049 Jul	0.000181	0.00106	0.0642	0.0000062	2.26	4.2	0.0268	0.000474	33.1	0.00196	0.00734	0.000145	0.000256	0.000118	0.0938	0.00000206	0.000224	0.000397	0.00148	0.00052
2049 Aug	0.000182	0.00106	0.0645	0.00000623	2.27	4.23	0.0269	0.000477	33.2	0.00197	0.00738	0.000146	0.000257	0.000119	0.0943	0.00000207	0.000225	0.000398	0.00148	0.000522
2049 Sep	0.000182	0.00106	0.0645	0.00000625	2.27	4.23	0.0269	0.000478	33.1	0.00197	0.00738	0.000145	0.000257	0.000119	0.0943	0.00000206	0.000224	0.000398	0.00148	0.000522
2049 Oct	0.000182	0.00106	0.0645	0.00000625	2.26	4.23	0.0268	0.000478	33	0.00197	0.00739	0.000145	0.000257	0.000119	0.0942	0.00000206	0.000224	0.000397	0.00148	0.000521
2049 Nov	0.000182	0.00106	0.0646	0.00000626	2.26	4.23	0.0268	0.000479	33	0.00197	0.00739	0.000145	0.000257	0.000119	0.0943	0.00000206	0.000224	0.000397	0.00148	0.000521
2049 Dec	0.000182	0.00107	0.0646	0.00000626	2.26	4.23	0.0268	0.000479	33	0.00197	0.00739	0.000145	0.000257	0.000119	0.0943	0.00000206	0.000224	0.000397	0.00148	0.000522
2050 Jan	0.000182	0.00107	0.0646	0.00000626	2.26	4.23	0.0268	0.000479	33	0.00197	0.00739	0.000145	0.000257	0.000119	0.0943	0.00000206	0.000224	0.000397	0.00148	0.000522
2050 Feb	0.000182	0.00107	0.0646	0.00000626	2.26	4.23	0.0268	0.000479	33	0.00197	0.00739	0.000145	0.000257	0.000119	0.0943	0.00000206	0.000224	0.000397	0.00148	0.000522
2050 Mar	0.000182	0.00107	0.0646	0.00000626	2.26	4.23	0.0268	0.000479	33	0.00197	0.00739	0.000145	0.000257	0.000119	0.0943	0.00000206	0.000224	0.000397	0.00148	0.000522
2050 Apr	0.000182	0.00107	0.0646	0.00000626	2.26	4.23	0.0268	0.000479	33	0.00197	0.00739	0.000145	0.000257	0.000119	0.0943	0.00000206	0.000224	0.000397	0.00148	0.000522
2050 May	0.000182	0.00107	0.0647	0.00000627	2.26	4.24	0.0269	0.00048	33	0.00197	0.0074	0.000145	0.000258	0.000119	0.0944	0.00000207	0.000224	0.000398	0.00148	0.000522
2050 Jun	0.000182	0.00106	0.0653	0.00000631	2.24	4.19	0.0269	0.000473	32.5	0.00195	0.00742	0.000147	0.000257	0.000118	0.0939	0.00000206	0.000221	0.000401	0.00149	0.000513
2050 Jul	0.000181	0.00105	0.0653	0.00000634	2.22	4.16	0.0268	0.000469	32.1	0.00194	0.00742	0.000146	0.000256	0.000117	0.0933	0.00000205	0.000219	0.0004	0.00149	0.000507

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Aug	0.000181	0.00106	0.0656	0.00000636	2.23	4.17	0.0268	0.00047	32.2	0.00195	0.00744	0.000146	0.000256	0.000117	0.0935	0.00000206	0.000219	0.000401	0.00149	0.000508
2050 Sep	0.000181	0.00106	0.0656	0.00000637	2.23	4.17	0.0268	0.000471	32.1	0.00195	0.00745	0.000146	0.000256	0.000117	0.0936	0.00000206	0.000219	0.000401	0.00149	0.000508
2050 Oct	0.000182	0.00106	0.0657	0.00000638	2.23	4.18	0.0268	0.000472	32.1	0.00195	0.00746	0.000146	0.000257	0.000117	0.0937	0.00000206	0.000219	0.000401	0.00149	0.000509
2050 Nov	0.000182	0.00106	0.0657	0.00000638	2.23	4.18	0.0268	0.000472	32.1	0.00195	0.00746	0.000146	0.000257	0.000118	0.0937	0.00000206	0.000219	0.000401	0.00149	0.000509
2050 Dec	0.000182	0.00106	0.0657	0.00000638	2.23	4.18	0.0268	0.000472	32.1	0.00195	0.00746	0.000146	0.000257	0.000118	0.0937	0.00000206	0.000219	0.000401	0.00149	0.000509
2051 Jan	0.000182	0.00106	0.0657	0.00000638	2.23	4.18	0.0268	0.000472	32.1	0.00195	0.00746	0.000146	0.000257	0.000118	0.0937	0.00000206	0.000219	0.000401	0.00149	0.000509
2051 Feb	0.000182	0.00106	0.0657	0.00000638	2.23	4.18	0.0268	0.000472	32.1	0.00195	0.00746	0.000146	0.000257	0.000118	0.0937	0.00000206	0.000219	0.000401	0.00149	0.000509
2051 Mar	0.000182	0.00106	0.0657	0.00000638	2.23	4.18	0.0268	0.000472	32.1	0.00195	0.00746	0.000146	0.000257	0.000118	0.0937	0.00000206	0.000219	0.000401	0.00149	0.000509
2051 Apr	0.000182	0.00106	0.0657	0.00000639	2.23	4.18	0.0269	0.000472	32.1	0.00195	0.00747	0.000146	0.000257	0.000118	0.0938	0.00000206	0.000219	0.000401	0.00149	0.000509
2051 May	0.000182	0.00106	0.0659	0.0000064	2.23	4.19	0.027	0.000473	32.2	0.00196	0.00748	0.000147	0.000258	0.000118	0.094	0.00000207	0.00022	0.000403	0.0015	0.000511
2051 Jun	0.000185	0.00105	0.0675	0.00000645	2.2	4.17	0.0276	0.000465	31.3	0.00194	0.0075	0.000154	0.000258	0.000117	0.094	0.00000205	0.000215	0.000412	0.0015	0.0005
2051 Jul	0.000185	0.00105	0.0678	0.00000648	2.19	4.16	0.0276	0.000463	31.1	0.00194	0.00752	0.000154	0.000258	0.000117	0.0939	0.00000205	0.000214	0.000413	0.00151	0.000497
2051 Aug	0.000185	0.00105	0.068	0.00000651	2.19	4.16	0.0276	0.000464	31.1	0.00194	0.00753	0.000154	0.000258	0.000117	0.094	0.00000206	0.000214	0.000413	0.00151	0.000497
2051 Sep	0.000185	0.00105	0.068	0.00000652	2.19	4.15	0.0275	0.000464	30.9	0.00194	0.00754	0.000153	0.000257	0.000117	0.0939	0.00000205	0.000213	0.000411	0.0015	0.000495
2051 Oct	0.000184	0.00105	0.0679	0.00000652	2.17	4.13	0.0273	0.000465	30.6	0.00193	0.00754	0.000152	0.000256	0.000116	0.0935	0.00000205	0.000212	0.000409	0.0015	0.000492
2051 Nov	0.000184	0.00105	0.068	0.00000653	2.17	4.13	0.0273	0.000465	30.6	0.00193	0.00755	0.000151	0.000256	0.000116	0.0935	0.00000205	0.000212	0.000409	0.0015	0.000492
2051 Dec	0.000184	0.00105	0.068	0.00000653	2.17	4.14	0.0273	0.000465	30.6	0.00193	0.00755	0.000151	0.000256	0.000116	0.0935	0.00000205	0.000212	0.000409	0.0015	0.000492
2052 Jan	0.000184	0.00105	0.068	0.00000653	2.17	4.14	0.0273	0.000465	30.6	0.00193	0.00755	0.000151	0.000256	0.000116	0.0935	0.00000205	0.000212	0.000409	0.0015	0.000492
2052 Feb	0.000184	0.00105	0.068	0.00000653	2.17	4.14	0.0273	0.000465	30.6	0.00193	0.00755	0.000151	0.000256	0.000116	0.0935	0.00000205	0.000212	0.000409	0.0015	0.000492
2052 Mar	0.000184	0.00105	0.068	0.00000653	2.17	4.14	0.0274	0.000465	30.6	0.00193	0.00755	0.000151	0.000256	0.000116	0.0936	0.00000205	0.000212	0.000409	0.0015	0.000492
2052 Apr	0.000184	0.00105	0.068	0.00000653	2.17	4.14	0.0274	0.000465	30.6	0.00193	0.00755	0.000152	0.000256	0.000116	0.0936	0.00000205	0.000212	0.000409	0.0015	0.000492
2052 May	0.000185	0.00105	0.0683	0.00000654	2.17	4.14	0.0275	0.000465	30.6	0.00193	0.00756	0.000153	0.000256	0.000116	0.0938	0.00000205	0.000212	0.000411	0.0015	0.000491
2052 Jun	0.000188	0.00105	0.0696	0.00000658	2.16	4.13	0.0281	0.000461	30.3	0.00192	0.00759	0.000159	0.000255	0.000116	0.0942	0.00000205	0.00021	0.000418	0.0015	0.000485
2052 Jul	0.000188	0.00105	0.0698	0.00000661	2.16	4.13	0.028	0.000461	30.1	0.00192	0.00761	0.000159	0.000256	0.000116	0.0942	0.00000205	0.00021	0.000417	0.00151	0.000484
2052 Aug	0.000188	0.00105	0.07	0.00000663	2.16	4.13	0.0281	0.000462	30.1	0.00193	0.00763	0.000159	0.000256	0.000116	0.0943	0.00000205	0.00021	0.000417	0.00151	0.000485
2052 Sep	0.000188	0.00105	0.07	0.00000664	2.16	4.13	0.028	0.000463	30.1	0.00193	0.00764	0.000158	0.000256	0.000116	0.0943	0.00000205	0.000209	0.000417	0.00151	0.000484
2052 Oct	0.000188	0.00105	0.07	0.00000665	2.16	4.14	0.028	0.000463	30	0.00193	0.00764	0.000158	0.000256	0.000116	0.0943	0.00000205	0.000209	0.000417	0.00151	0.000484
2052 Nov	0.000188	0.00106	0.0701	0.00000665	2.16	4.14	0.028	0.000464	30	0.00193	0.00764	0.000158	0.000256	0.000116	0.0944	0.00000205	0.000209	0.000417	0.00151	0.000485
2052 Dec	0.000188	0.00106	0.0701	0.00000665	2.16	4.14	0.028	0.000464	30	0.00193	0.00764	0.000158	0.000256	0.000116	0.0944	0.00000205	0.000209	0.000417	0.00151	0.000485
2053 Jan	0.000188	0.00106	0.0701	0.00000665	2.16	4.14	0.028	0.000464	30	0.00193	0.00764	0.000158	0.000256	0.000116	0.0944	0.00000205	0.000209	0.000417	0.00151	0.000485
2053 Feb	0.000188	0.00106	0.0701	0.00000665	2.16	4.14	0.028	0.000464	30	0.00193	0.00764	0.000158	0.000256	0.000116	0.0944	0.00000205	0.000209	0.000417	0.00151	0.000485
2053 Mar	0.000188	0.00106	0.0701	0.00000665	2.16	4.14	0.028	0.000464	30	0.00193	0.00765	0.000158	0.000256	0.000116	0.0944	0.00000205	0.000209	0.000417	0.00151	0.000485
2053 Apr	0.000188	0.00106	0.0701	0.00000665	2.16	4.14	0.0281	0.000464	30	0.00193	0.00765	0.000158	0.000256	0.000116	0.0944	0.00000206	0.00021	0.000417	0.00151	0.000485
2053 May	0.000191	0.00106	0.071	0.00000668	2.16	4.17	0.0286	0.000464	29.9	0.00194	0.00767	0.000162	0.000257	0.000117	0.0951	0.00000206	0.000209	0.000422	0.00151	0.000486
2053 Jun	0.000197	0.00106	0.073	0.00000671	2.15	4.16	0.0296	0.000458	29.4	0.00193	0.0077	0.000173	0.000257	0.000117	0.0959	0.00000205	0.000206	0.000434	0.00151	0.000477
2053 Jul	0.000197	0.00106	0.0734	0.00000674	2.15	4.17	0.0297	0.000459	29.4	0.00193	0.00773	0.000174	0.000258	0.000117	0.0962	0.00000205	0.000206	0.000436	0.00152	0.000478
2053 Aug	0.000198	0.00106	0.0737	0.00000677	2.16	4.19	0.0298	0.000461	29.5	0.00194	0.00776	0.000174	0.000259	0.000118	0.0965	0.00000206	0.000207	0.000437	0.00152	0.00048
2053 Sep	0.000198	0.00107	0.0738	0.0000068	2.16	4.22	0.0299	0.000464	29.5	0.00195	0.00778	0.000174	0.00026	0.000118	0.0969	0.00000206	0.000208	0.000438	0.00153	0.000483
2053 Oct	0.000199	0.00107	0.0739	0.0000068	2.16	4.23	0.03	0.000465	29.5	0.00196	0.00778	0.000174	0.000261	0.000118	0.097	0.00000207	0.000208	0.000439	0.00153	0.000485
2053 Nov	0.000199	0.00107	0.0739	0.0000068	2.16	4.23	0.03	0.000465	29.5	0.00196	0.00779	0.000174	0.000261	0.000118	0.0971	0.00000207	0.000208	0.000439	0.00153	0.000485
2053 Dec	0.000199	0.00107	0.0739	0.0000068	2.16	4.23	0.03	0.000465	29.5	0.00196	0.00779	0.000174	0.000261	0.000118	0.0971	0.00000207	0.000208	0.000439	0.00153	0.000485
2054 Jan	0.000199	0.00107	0.0739	0.0000068	2.16	4.23	0.03	0.000465	29.5	0.00196	0.00779	0.000174	0.000261	0.000118	0.0971	0.00000207	0.000208	0.000439	0.00153	0.000485
2054 Feb	0.000199	0.00107	0.0739	0.0000068	2.16	4.23	0.03	0.000465	29.5	0.00196	0.00779	0.000174	0.000261	0.000118	0.0971	0.00000207	0.000208	0.000439	0.00153	0.000485
2054 Mar	0.000199	0.00107	0.0739	0.0000068	2.16	4.23	0.03	0.000465	29.5	0.00196	0.00779	0.000174	0.000261	0.000119	0.0971	0.00000207	0.000208	0.000439	0.00153	0.000485
2054 Apr	0.000199	0.00107	0.0739	0.00000681	2.16	4.23	0.03	0.000465	29.5	0.00196	0.00779	0.000174	0.000261	0.000119	0.0971	0.00000207	0.000208	0.000439	0.00153	0.000485
2054 May	0.000199	0.00107	0.0742	0.00000682	2.17	4.24	0.0301	0.000466	29.5	0.00196	0.0078	0.000175	0.000262	0.000119	0.0973	0.00000207	0.000208	0.00044	0.00153	0.000485
2054 Jun	0.000202	0.00107	0.0755	0.00000684	2.15	4.2	0.0307	0.000459	29	0.00194	0.00781	0.000182	0.00026	0.000118	0.0974	0.00000206	0.000205	0.000448	0.00153	0.000475
2054 Jul	0.000202	0.00106	0.0755	0.00000686	2.14	4.19	0.0306	0.000457	28.8	0.00194	0.00782	0.000181	0.00026	0.000117	0.0971	0.00000206	0.000204	0.000447	0.00153	0.000472
2054 Aug	0.000202	0.00106	0.0756	0.00000688	2.14	4.19	0.0305	0.000457	28.7	0.00194	0.00783	0.000181	0.00026	0.000117	0.0971	0.00000206	0.000204	0.000446	0.00153	0.000473
2054 Sep	0.000202	0.00107	0.0757	0.0000069	2.14	4.19	0.0305	0.000458	28.7	0.00194	0.00784	0.00018	0.00026	0.000118	0.0972	0.00000206	0.000203	0.000446	0.00153	0.000472
2054 Oct	0.000201	0.00106	0.0757	0.0000069	2.13	4.19	0.0305	0.000459	28.6	0.00194	0.00784	0.00018	0.000259	0.000117	0.0971	0.00000206	0.000203	0.000445	0.00153	0.000472
2054 Nov	0.000201	0.00106	0.0757	0.0000069	2.13	4.19	0.0304	0.000459	28.5	0.00194	0.00784	0.00018	0.000259	0.000117	0.097	0.00000206	0.000203	0.000445	0.00153	0.000471
2054 Dec	0.000201	0.00106	0.0757	0.0000069	2.13	4.19	0.0304	0.000459	28.6	0.00194	0.00784	0.00018	0.000259	0.000117	0.0971	0.00000206	0.000203	0.000445	0.00153	0.000472
2055 Jan	0.000201	0.00106	0.0757	0.0000069	2.13	4.19	0.0304	0.000459	28.6	0.00194	0.00784	0.00018	0.000259	0.000117	0.0971	0.00000206	0.000203	0.000445	0.00153	0.000472
2055 Feb	0.000201	0.00106	0.0757	0.0000069	2.13	4.19	0.0304	0.000459	28.6	0.00194	0.00784	0.00018	0.000259	0.000117	0.0971	0.00000206	0.000203	0.000445	0.00153	0.000472
2055 Mar	0.000201	0.00107	0.0757	0.0000069	2.13	4.19	0.0304	0.000459	28.6	0.00194	0.00784	0.00018	0.000259	0.000117	0.0971	0.00000206	0.000203	0.000445	0.00153	0.000472
2055 Apr	0.000201	0.00107	0.0757	0.0000069	2.13	4.19	0.0305	0.000459	28.6	0.00194	0.00784	0.00018	0.000259	0.000117	0.0971	0.00000206	0.000203	0.000445	0.00153	0.000472
2055 May	0.000201	0.00107	0.0758	0.00000691	2.13	4.19	0.0305	0.000459	28.6	0.00194	0.00785	0.00018	0.00026	0.000117	0.0972	0.00000206	0.000203	0.000445	0.00153	0.000472
2055 Jun	0.000199	0.00105	0.0756	0.00000695	2.1	4.13	0.0301	0.000452	28	0.00192	0.00785	0.000178	0.000259	0.000116	0.096	0.00000205	0.0002	0.000445	0.00154	0.000463
2055 Jul	0.000198	0.00105	0.0757	0.00000697	2.09	4.11	0.03	0.000449	27.8	0.00191	0.00786	0.000177	0.000259	0.000115	0.0956	0.00000205	0.000199	0.000445	0.00154	0.000459
2055 Aug	0.000199	0.00105	0.076	0.000007	2.1	4.12	0.0301	0.00045	27.8	0.00192	0.00788	0.000178	0.000259	0.000116	0.0959	0.00000206	0.000199	0.000446	0.00155	0.000461
2055 Sep	0.000198	0.00105	0.076	0.00000701	2.09	4.12	0.03	0.000451	27.7	0.00192	0.00789	0.000177	0.000259	0.000116	0.0959	0.00000206	0.000199	0.000445	0.00155	0.00046
2055 Oct	0.000198	0.00106	0.076	0.00000702	2.09	4.12	0.03	0.000451	27.7	0.00192	0.00789	0.000177	0.000259	0.000116	0.0959	0.00000206	0.000199	0.000446	0.00155	0.000461
2055 Nov	0.000198	0.00106	0.076	0.00000702	2.09	4.12	0.03	0.000452	27.7	0.00192	0.0079	0.000177	0.000259	0.000116	0.096	0.00000206	0.000199	0.000446	0.00155	0.000461
2055 Dec	0.000198	0.00106	0.076	0.00000702	2.1	4.12	0.03	0.000452	27.7	0.00192	0.0079	0.000177	0.000259	0.000116	0.096	0.00000206	0.000199	0.000446	0.00155	0.000461
2056 Jan	0.000198	0.00106	0.076	0.00000702	2.1	4.12	0.03	0.000452	27.7	0.00192	0.0079	0.000177	0.000259	0.000116	0.096	0.00000206	0.000199	0.000446	0.00155	0.000461
2056 Feb	0.000198	0.00106	0.076	0.00000702	2.1	4.12	0.03	0.000452	27.7	0.00192	0.0079	0.000177	0.000259	0.000116	0.096	0.00000206	0.000199	0.000446	0.00155	0.000461

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.000199	0.00106	0.076	0.00000702	2.1	4.13	0.03	0.000452	27.7	0.00192	0.0079	0.000177	0.000259	0.000116	0.096	0.00000206	0.000199	0.000446	0.00155	0.000461
2056 Apr	0.000199	0.00106	0.0761	0.00000702	2.1	4.13	0.0301	0.000452	27.7	0.00192	0.0079	0.000177	0.000259	0.000116	0.096	0.00000206	0.000199	0.000446	0.00155	0.000461
2056 May	0.0002	0.00106	0.0767	0.00000704	2.1	4.13	0.0304	0.000451	27.7	0.00192	0.00792	0.00018	0.00026	0.000116	0.0964	0.00000206	0.000199	0.000449	0.00155	0.00046
2056 Jun	0.000205	0.00105	0.0784	0.00000706	2.08	4.11	0.0312	0.000445	27.2	0.00191	0.00794	0.000189	0.000258	0.000115	0.0969	0.00000205	0.000196	0.000459	0.00155	0.000451
2056 Jul	0.000206	0.00106	0.0787	0.00000709	2.09	4.12	0.0313	0.000446	27.2	0.00192	0.00797	0.00019	0.000259	0.000116	0.0972	0.00000206	0.000196	0.00046	0.00156	0.000452
2056 Aug	0.000206	0.00106	0.0789	0.00000712	2.09	4.13	0.0313	0.000447	27.2	0.00192	0.00799	0.00019	0.000259	0.000116	0.0973	0.00000206	0.000196	0.00046	0.00156	0.000452
2056 Sep	0.000206	0.00106	0.0791	0.00000714	2.09	4.14	0.0314	0.000449	27.3	0.00192	0.00801	0.00019	0.00026	0.000116	0.0975	0.00000207	0.000197	0.000461	0.00156	0.000453
2056 Oct	0.000206	0.00106	0.079	0.00000714	2.09	4.14	0.0313	0.000449	27.2	0.00192	0.00801	0.000189	0.00026	0.000116	0.0975	0.00000206	0.000196	0.00046	0.00156	0.000453
2056 Nov	0.000206	0.00106	0.079	0.00000714	2.09	4.14	0.0313	0.000449	27.2	0.00192	0.00801	0.000189	0.00026	0.000116	0.0975	0.00000206	0.000196	0.00046	0.00156	0.000454
2056 Dec	0.000206	0.00106	0.079	0.00000714	2.09	4.14	0.0313	0.000449	27.2	0.00192	0.00801	0.000189	0.00026	0.000116	0.0975	0.00000206	0.000196	0.00046	0.00156	0.000454
2057 Jan	0.000206	0.00106	0.079	0.00000714	2.09	4.14	0.0313	0.000449	27.2	0.00192	0.00801	0.000189	0.00026	0.000116	0.0975	0.00000206	0.000196	0.00046	0.00156	0.000454
2057 Feb	0.000206	0.00106	0.079	0.00000714	2.09	4.14	0.0313	0.000449	27.2	0.00192	0.00801	0.000189	0.00026	0.000116	0.0975	0.00000206	0.000196	0.00046	0.00156	0.000454
2057 Mar	0.000206	0.00106	0.079	0.00000714	2.09	4.14	0.0313	0.00045	27.2	0.00192	0.00801	0.000189	0.00026	0.000116	0.0975	0.00000206	0.000196	0.00046	0.00156	0.000454
2057 Apr	0.000206	0.00106	0.0791	0.00000714	2.09	4.14	0.0313	0.00045	27.2	0.00192	0.00801	0.000189	0.00026	0.000116	0.0975	0.00000207	0.000196	0.00046	0.00156	0.000454
2057 May	0.000207	0.00106	0.0793	0.00000715	2.09	4.15	0.0314	0.00045	27.2	0.00193	0.00802	0.00019	0.00026	0.000116	0.0977	0.00000207	0.000197	0.000461	0.00156	0.000454
2057 Jun	0.000208	0.00106	0.0803	0.00000718	2.07	4.1	0.0318	0.000442	26.6	0.00191	0.00803	0.000194	0.000258	0.000115	0.0974	0.00000206	0.000193	0.000467	0.00156	0.000444
2057 Jul	0.000208	0.00106	0.0804	0.00000721	2.07	4.1	0.0318	0.000442	26.6	0.00191	0.00805	0.000194	0.000259	0.000115	0.0975	0.00000206	0.000193	0.000468	0.00157	0.000443
2057 Aug	0.000209	0.00106	0.0809	0.00000725	2.08	4.13	0.0319	0.000445	26.7	0.00192	0.0081	0.000195	0.00026	0.000116	0.098	0.00000207	0.000194	0.00047	0.00158	0.000446
2057 Sep	0.000209	0.00107	0.081	0.00000727	2.08	4.14	0.032	0.000446	26.7	0.00192	0.00811	0.000195	0.000261	0.000116	0.0982	0.00000208	0.000194	0.00047	0.00158	0.000448
2057 Oct	0.000209	0.00107	0.081	0.00000727	2.08	4.15	0.032	0.000447	26.7	0.00193	0.00811	0.000195	0.000262	0.000116	0.0983	0.00000208	0.000194	0.00047	0.00158	0.000449
2057 Nov	0.000209	0.00107	0.081	0.00000727	2.08	4.15	0.032	0.000448	26.7	0.00193	0.00812	0.000195	0.000262	0.000116	0.0983	0.00000208	0.000194	0.00047	0.00158	0.000449
2057 Dec	0.000209	0.00107	0.081	0.00000727	2.08	4.15	0.032	0.000448	26.7	0.00193	0.00812	0.000195	0.000262	0.000116	0.0983	0.00000208	0.000194	0.00047	0.00158	0.000449
2058 Jan	0.000209	0.00107	0.081	0.00000727	2.08	4.15	0.032	0.000448	26.7	0.00193	0.00812	0.000195	0.000262	0.000116	0.0983	0.00000208	0.000194	0.00047	0.00158	0.000449
2058 Feb	0.000209	0.00107	0.081	0.00000727	2.08	4.15	0.032	0.000448	26.7	0.00193	0.00812	0.000195	0.000262	0.000116	0.0983	0.00000208	0.000194	0.00047	0.00158	0.000449
2058 Mar	0.000209	0.00107	0.081	0.00000727	2.08	4.15	0.032	0.000448	26.7	0.00193	0.00812	0.000195	0.000262	0.000116	0.0983	0.00000208	0.000194	0.00047	0.00158	0.000449
2058 Apr	0.00021	0.00107	0.081	0.00000727	2.08	4.15	0.032	0.000448	26.7	0.00193	0.00812	0.000195	0.000262	0.000116	0.0983	0.00000208	0.000194	0.000471	0.00158	0.00045
2058 May	0.000212	0.00107	0.0818	0.00000729	2.09	4.17	0.0324	0.000448	26.6	0.00193	0.00814	0.000199	0.000263	0.000117	0.0989	0.00000208	0.000194	0.000475	0.00158	0.000451
2058 Jun	0.000219	0.00107	0.0841	0.00000731	2.07	4.17	0.0338	0.000441	25.9	0.00193	0.00815	0.000212	0.000263	0.000117	0.0999	0.00000206	0.000191	0.000489	0.00158	0.000443
2058 Jul	0.00022	0.00107	0.0846	0.00000734	2.07	4.18	0.0339	0.000441	25.9	0.00193	0.00818	0.000213	0.000263	0.000117	0.1	0.00000207	0.00019	0.000492	0.00159	0.000442
2058 Aug	0.00022	0.00107	0.0849	0.00000737	2.07	4.19	0.034	0.000442	25.9	0.00193	0.0082	0.000214	0.000264	0.000117	0.1	0.00000207	0.000191	0.000493	0.00159	0.000444
2058 Sep	0.00022	0.00107	0.0849	0.00000738	2.07	4.19	0.034	0.000443	25.9	0.00193	0.00821	0.000213	0.000264	0.000117	0.1	0.00000207	0.000191	0.000492	0.00159	0.000444
2058 Oct	0.00022	0.00107	0.0849	0.00000738	2.07	4.19	0.0339	0.000444	25.8	0.00193	0.00821	0.000213	0.000264	0.000117	0.1	0.00000207	0.000191	0.000491	0.00159	0.000444
2058 Nov	0.00022	0.00107	0.0849	0.00000738	2.07	4.2	0.0339	0.000444	25.8	0.00194	0.00822	0.000213	0.000264	0.000117	0.1	0.00000207	0.000191	0.000491	0.00159	0.000445
2058 Dec	0.00022	0.00107	0.0849	0.00000738	2.07	4.2	0.0339	0.000444	25.8	0.00194	0.00822	0.000213	0.000264	0.000118	0.1	0.00000207	0.000191	0.000491	0.00159	0.000445
2059 Jan	0.00022	0.00107	0.0849	0.00000738	2.07	4.2	0.0339	0.000444	25.8	0.00194	0.00822	0.000213	0.000264	0.000118	0.1	0.00000207	0.000191	0.000491	0.00159	0.000445
2059 Feb	0.00022	0.00107	0.0849	0.00000738	2.07	4.2	0.0339	0.000444	25.8	0.00194	0.00822	0.000213	0.000264	0.000118	0.1	0.00000207	0.000191	0.000491	0.00159	0.000445
2059 Mar	0.00022	0.00107	0.0849	0.00000738	2.07	4.2	0.0339	0.000444	25.8	0.00194	0.00822	0.000213	0.000264	0.000118	0.1	0.00000207	0.000191	0.000491	0.00159	0.000445
2059 Apr	0.00022	0.00107	0.0849	0.00000739	2.07	4.2	0.0339	0.000444	25.8	0.00194	0.00822	0.000213	0.000264	0.000118	0.1	0.00000207	0.000191	0.000492	0.00159	0.000445
2059 May	0.000221	0.00108	0.0853	0.0000074	2.07	4.21	0.0342	0.000445	25.8	0.00194	0.00823	0.000215	0.000264	0.000118	0.101	0.00000207	0.000191	0.000494	0.00159	0.000445
2059 Jun	0.000225	0.00108	0.0868	0.00000743	2.07	4.21	0.0349	0.000441	25.5	0.00194	0.00826	0.000222	0.000264	0.000118	0.101	0.00000207	0.000189	0.000502	0.00159	0.00044
2059 Jul	0.000227	0.00108	0.0873	0.00000747	2.08	4.23	0.0351	0.000443	25.6	0.00194	0.00831	0.000223	0.000265	0.000118	0.102	0.00000208	0.00019	0.000505	0.0016	0.000442
2059 Aug	0.000227	0.00109	0.0876	0.00000751	2.08	4.24	0.0352	0.000445	25.7	0.00195	0.00834	0.000224	0.000267	0.000119	0.102	0.00000209	0.000191	0.000507	0.00161	0.000444
2059 Sep	0.000228	0.00109	0.0877	0.00000752	2.09	4.25	0.0352	0.000446	25.7	0.00196	0.00835	0.000224	0.000267	0.000119	0.102	0.00000209	0.000191	0.000507	0.00161	0.000444
2059 Oct	0.000226	0.00108	0.0875	0.00000751	2.07	4.23	0.035	0.000446	25.5	0.00195	0.00835	0.000222	0.000265	0.000118	0.102	0.00000208	0.00019	0.000503	0.0016	0.000442
2059 Nov	0.000226	0.00108	0.0874	0.00000751	2.07	4.23	0.0349	0.000447	25.5	0.00195	0.00835	0.000221	0.000265	0.000118	0.102	0.00000208	0.00019	0.000503	0.0016	0.000442
2059 Dec	0.000226	0.00108	0.0874	0.00000751	2.07	4.23	0.0349	0.000447	25.5	0.00195	0.00835	0.000221	0.000265	0.000118	0.102	0.00000208	0.00019	0.000503	0.0016	0.000442
2060 Jan	0.000226	0.00108	0.0874	0.00000751	2.07	4.23	0.0349	0.000447	25.5	0.00195	0.00835	0.000221	0.000265	0.000118	0.102	0.00000208	0.00019	0.000503	0.0016	0.000442
2060 Feb	0.000226	0.00108	0.0874	0.00000751	2.07	4.23	0.0349	0.000447	25.5	0.00195	0.00835	0.000221	0.000265	0.000118	0.102	0.00000208	0.00019	0.000503	0.0016	0.000442
2060 Mar	0.000226	0.00108	0.0875	0.00000751	2.07	4.23	0.0349	0.000447	25.5	0.00195	0.00835	0.000221	0.000265	0.000118	0.102	0.00000208	0.00019	0.000503	0.0016	0.000442
2060 Apr	0.000226	0.00108	0.0875	0.00000752	2.07	4.23	0.035	0.000447	25.5	0.00195	0.00835	0.000221	0.000265	0.000118	0.102	0.00000209	0.00019	0.000503	0.0016	0.000442
2060 May	0.000229	0.00109	0.0884	0.00000753	2.07	4.24	0.0355	0.000446	25.4	0.00195	0.00837	0.000226	0.000265	0.000119	0.103	0.00000209	0.000189	0.000509	0.0016	0.000441
2060 Jun	0.000234	0.00108	0.09	0.00000755	2.06	4.23	0.0363	0.00044	25	0.00194	0.00839	0.000235	0.000264	0.000118	0.103	0.00000208	0.000187	0.000518	0.0016	0.000433
2060 Jul	0.000235	0.00109	0.0905	0.00000759	2.07	4.24	0.0365	0.000442	25	0.00195	0.00843	0.000236	0.000265	0.000119	0.104	0.00000209	0.000187	0.00052	0.00161	0.000434
2060 Aug	0.000235	0.00109	0.0907	0.00000762	2.07	4.25	0.0365	0.000443	25	0.00195	0.00845	0.000236	0.000266	0.000119	0.104	0.00000209	0.000187	0.00052	0.00161	0.000435
2060 Sep	0.000234	0.00109	0.0904	0.00000762	2.06	4.23	0.0362	0.000444	24.8	0.00194	0.00844	0.000234	0.000264	0.000118	0.103	0.00000209	0.000186	0.000517	0.00161	0.000433
2060 Oct	0.000233	0.00109	0.0903	0.00000762	2.06	4.23	0.0362	0.000444	24.8	0.00194	0.00844	0.000233	0.000264	0.000118	0.103	0.00000208	0.000186	0.000516	0.00161	0.000434
2060 Nov	0.000233	0.00109	0.0903	0.00000762	2.06	4.23	0.0361	0.000445	24.7	0.00194	0.00844	0.000233	0.000264	0.000118	0.103	0.00000208	0.000186	0.000515	0.0016	0.000434
2060 Dec	0.000233	0.00109	0.0903	0.00000762	2.06	4.24	0.0362	0.000445	24.7	0.00194	0.00844	0.000233	0.000264	0.000118	0.103	0.00000208	0.000186	0.000515	0.0016	0.000434
2061 Jan	0.000233	0.00109	0.0903	0.00000762	2.06	4.24	0.0362	0.000445	24.7	0.00194	0.00844	0.000233	0.000264	0.000118	0.103	0.00000208	0.000186	0.000515	0.0016	0.000434
2061 Feb	0.000233	0.00109	0.0903	0.00000762	2.06	4.24	0.0362	0.000445	24.7	0.00194	0.00844	0.000233	0.000264	0.000118	0.103	0.00000208	0.000186	0.000515	0.0016	0.000434
2061 Mar	0.000233	0.00109	0.0903	0.00000762	2.06	4.24	0.0362	0.000445	24.7	0.00194	0.00844	0.000233	0.000264	0.000118	0.103	0.00000208	0.000186	0.000515	0.0016	0.000434
2061 Apr	0.000233	0.00109	0.0903	0.00000762	2.06	4.24	0.0362	0.000445	24.7	0.00194	0.00845	0.000233	0.000264	0.000118	0.103	0.00000208	0.000186	0.000515	0.00161	0.000434
2061 May	0.000236	0.00109	0.0913	0.00000764	2.06	4.25	0.0367	0.000444	24.6	0.00195	0.00847	0.000238	0.000264	0.000119	0.104	0.00000208	0.000186	0.000521	0.00161	0.000433
2061 Jun	0.00024	0.00109	0.0927	0.00000764	2.05	4.23	0.0375	0.000438	24.2	0.00193	0.00847	0.000246	0.000263	0.000118	0.104	0.00000207	0.000183	0.000529	0.0016	0.000425
2061 Jul	0.000241	0.00109	0.0932	0.00000769	2.05	4.25	0.0376	0.000439	24.2	0.00194	0.00851	0.000247	0.000264	0.000119	0.105	0.00000208	0.000183	0.000532	0.00161	0.000426
2061 Aug	0.000242	0.00109	0.0935	0.00000772	2.06	4.26	0.0378	0.000441	24.3	0.00195	0.00854	0.000248	0.000265	0.000119	0.105	0.00000209	0.000184	0.000533	0.00162	0.000428
2061 Sep	0.000242	0.0011	0.0936	0.00000773	2.06	4.27	0.0378	0.000442	24.3	0.00195	0.00855	0.000248	0.000266	0.000119	0.105	0.00000209	0.000184	0.000533	0.00162	0.00043

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Oct	0.000241	0.00109	0.0934	0.00000772	2.05	4.26	0.0376	0.000442	24.1	0.00195	0.00854	0.000246	0.000265	0.000119	0.105	0.00000208	0.000183	0.000531	0.00161	0.000429
2061 Nov	0.000241	0.00109	0.0933	0.00000772	2.05	4.26	0.0375	0.000443	24.1	0.00195	0.00854	0.000245	0.000264	0.000119	0.105	0.00000208	0.000183	0.00053	0.00161	0.000429
2061 Dec	0.000241	0.00109	0.0933	0.00000772	2.05	4.26	0.0375	0.000443	24.1	0.00195	0.00854	0.000245	0.000264	0.000119	0.105	0.00000208	0.000183	0.00053	0.00161	0.000429
2062 Jan	0.000241	0.00109	0.0933	0.00000772	2.05	4.26	0.0375	0.000443	24.1	0.00195	0.00854	0.000245	0.000264	0.000119	0.105	0.00000208	0.000183	0.00053	0.00161	0.000429
2062 Feb	0.000241	0.00109	0.0933	0.00000772	2.05	4.26	0.0375	0.000443	24.1	0.00195	0.00854	0.000245	0.000264	0.000119	0.105	0.00000208	0.000183	0.00053	0.00161	0.000429
2062 Mar	0.000241	0.00109	0.0933	0.00000772	2.05	4.26	0.0375	0.000443	24.1	0.00195	0.00854	0.000245	0.000264	0.000119	0.105	0.00000208	0.000183	0.00053	0.00161	0.000429
2062 Apr	0.000241	0.00109	0.0933	0.00000773	2.05	4.26	0.0376	0.000443	24.1	0.00195	0.00854	0.000246	0.000265	0.000119	0.105	0.00000208	0.000183	0.00053	0.00161	0.000429
2062 May	0.000241	0.0011	0.0934	0.00000773	2.05	4.27	0.0376	0.000443	24.1	0.00195	0.00855	0.000246	0.000265	0.000119	0.105	0.00000209	0.000184	0.000531	0.00161	0.00043
2062 Jun	0.000238	0.00108	0.093	0.00000775	2.03	4.2	0.0371	0.000437	23.7	0.00193	0.00854	0.000243	0.000263	0.000117	0.104	0.00000208	0.000181	0.000529	0.00162	0.000422
2062 Jul	0.000237	0.00108	0.0929	0.00000777	2.02	4.18	0.0369	0.000434	23.5	0.00192	0.00854	0.000241	0.000263	0.000117	0.103	0.00000208	0.00018	0.000528	0.00162	0.000418
2062 Aug	0.000237	0.00108	0.0929	0.00000779	2.01	4.17	0.0368	0.000434	23.4	0.00192	0.00855	0.000241	0.000263	0.000117	0.103	0.00000208	0.000179	0.000527	0.00162	0.000418
2062 Sep	0.000236	0.00108	0.0928	0.0000078	2.01	4.17	0.0367	0.000435	23.3	0.00192	0.00855	0.000239	0.000262	0.000117	0.103	0.00000208	0.000179	0.000525	0.00162	0.000417
2062 Oct	0.000234	0.00108	0.0925	0.00000779	2	4.15	0.0364	0.000435	23.1	0.00191	0.00854	0.000237	0.00026	0.000116	0.103	0.00000207	0.000178	0.000521	0.00161	0.000416
2062 Nov	0.000234	0.00108	0.0925	0.00000779	2	4.15	0.0364	0.000436	23.1	0.00191	0.00854	0.000237	0.00026	0.000116	0.103	0.00000207	0.000178	0.000521	0.00161	0.000416
2062 Dec	0.000234	0.00108	0.0925	0.00000779	2	4.15	0.0364	0.000436	23.1	0.00191	0.00854	0.000237	0.00026	0.000116	0.103	0.00000207	0.000178	0.000521	0.00161	0.000416
2063 Jan	0.000234	0.00108	0.0925	0.00000779	2	4.15	0.0364	0.000436	23.1	0.00191	0.00854	0.000237	0.00026	0.000116	0.103	0.00000207	0.000178	0.000521	0.00161	0.000416
2063 Feb	0.000234	0.00108	0.0925	0.00000779	2	4.15	0.0364	0.000436	23.1	0.00191	0.00854	0.000237	0.00026	0.000116	0.103	0.00000207	0.000178	0.000521	0.00161	0.000416
2063 Mar	0.000234	0.00108	0.0925	0.00000779	2	4.15	0.0364	0.000436	23.1	0.00191	0.00854	0.000237	0.00026	0.000116	0.103	0.00000207	0.000178	0.000521	0.00161	0.000416
2063 Apr	0.000235	0.00108	0.0925	0.00000779	2	4.15	0.0364	0.000436	23.1	0.00191	0.00854	0.000237	0.00026	0.000116	0.103	0.00000207	0.000178	0.000521	0.00161	0.000416
2063 May	0.000236	0.00108	0.093	0.0000078	2	4.16	0.0367	0.000435	23	0.00191	0.00856	0.000239	0.00026	0.000116	0.103	0.00000207	0.000178	0.000524	0.00161	0.000415
2063 Jun	0.00024	0.00107	0.0946	0.0000078	1.97	4.1	0.0375	0.000424	22.3	0.00188	0.00854	0.000249	0.000257	0.000115	0.103	0.00000205	0.000173	0.000533	0.0016	0.0004
2063 Jul	0.000239	0.00107	0.0946	0.00000781	1.97	4.09	0.0373	0.000423	22.2	0.00188	0.00855	0.000248	0.000257	0.000114	0.103	0.00000205	0.000172	0.000533	0.00161	0.000399
2063 Aug	0.00024	0.00107	0.0949	0.00000784	1.97	4.1	0.0375	0.000425	22.3	0.00189	0.00858	0.000249	0.000258	0.000115	0.103	0.00000206	0.000173	0.000534	0.00161	0.000401
2063 Sep	0.00024	0.00107	0.0949	0.00000786	1.97	4.11	0.0374	0.000426	22.2	0.00189	0.00859	0.000248	0.000258	0.000115	0.103	0.00000206	0.000173	0.000534	0.00161	0.000401
2063 Oct	0.000239	0.00107	0.0948	0.00000785	1.97	4.11	0.0373	0.000426	22.2	0.00189	0.00859	0.000247	0.000258	0.000115	0.103	0.00000206	0.000173	0.000532	0.00161	0.000402
2063 Nov	0.000239	0.00107	0.0948	0.00000786	1.97	4.11	0.0373	0.000426	22.2	0.00189	0.00859	0.000247	0.000258	0.000115	0.103	0.00000206	0.000173	0.000532	0.00161	0.000402
2063 Dec	0.000239	0.00107	0.0948	0.00000786	1.97	4.11	0.0373	0.000427	22.2	0.00189	0.00859	0.000247	0.000258	0.000115	0.103	0.00000206	0.000173	0.000532	0.00161	0.000402
2064 Jan	0.000239	0.00107	0.0948	0.00000786	1.97	4.11	0.0373	0.000427	22.2	0.00189	0.00859	0.000247	0.000258	0.000115	0.103	0.00000206	0.000173	0.000532	0.00161	0.000402
2064 Feb	0.000239	0.00107	0.0948	0.00000786	1.97	4.11	0.0373	0.000427	22.2	0.00189	0.00859	0.000247	0.000258	0.000115	0.103	0.00000206	0.000173	0.000532	0.00161	0.000402
2064 Mar	0.000239	0.00107	0.0948	0.00000786	1.97	4.11	0.0373	0.000427	22.2	0.00189	0.00859	0.000247	0.000258	0.000115	0.103	0.00000206	0.000173	0.000532	0.00161	0.000402
2064 Apr	0.00024	0.00107	0.0948	0.00000786	1.97	4.11	0.0373	0.000427	22.2	0.00189	0.00859	0.000247	0.000258	0.000115	0.103	0.00000206	0.000173	0.000532	0.00161	0.000402
2064 May	0.000242	0.00107	0.0956	0.00000787	1.97	4.12	0.0378	0.000426	22.1	0.00189	0.00861	0.000251	0.000258	0.000115	0.104	0.00000206	0.000172	0.000537	0.00161	0.000402
2064 Jun	0.000247	0.00107	0.0974	0.00000787	1.96	4.11	0.0388	0.000419	21.6	0.00188	0.00861	0.000262	0.000257	0.000115	0.104	0.00000204	0.000169	0.000548	0.00161	0.000394
2064 Jul	0.000248	0.00107	0.0978	0.00000791	1.96	4.12	0.0389	0.00042	21.6	0.00188	0.00864	0.000262	0.000258	0.000115	0.105	0.00000205	0.00017	0.000549	0.00161	0.000394
2064 Aug	0.000248	0.00107	0.0979	0.00000793	1.96	4.12	0.0389	0.000421	21.6	0.00188	0.00865	0.000262	0.000258	0.000115	0.105	0.00000205	0.00017	0.000549	0.00162	0.000395
2064 Sep	0.000247	0.00107	0.0977	0.00000793	1.95	4.11	0.0387	0.000422	21.5	0.00188	0.00865	0.000261	0.000257	0.000115	0.104	0.00000205	0.000169	0.000546	0.00161	0.000395
2064 Oct	0.000247	0.00107	0.0977	0.00000794	1.95	4.12	0.0387	0.000423	21.5	0.00188	0.00865	0.00026	0.000258	0.000115	0.105	0.00000205	0.000169	0.000546	0.00161	0.000397
2064 Nov	0.000247	0.00107	0.0977	0.00000794	1.96	4.12	0.0387	0.000423	21.5	0.00189	0.00866	0.00026	0.000258	0.000115	0.105	0.00000205	0.000169	0.000546	0.00161	0.000398
2064 Dec	0.000247	0.00107	0.0977	0.00000794	1.96	4.13	0.0387	0.000423	21.5	0.00189	0.00866	0.00026	0.000258	0.000115	0.105	0.00000205	0.000169	0.000546	0.00161	0.000398
2065 Jan	0.000247	0.00107	0.0977	0.00000794	1.96	4.13	0.0387	0.000423	21.5	0.00189	0.00866	0.00026	0.000258	0.000115	0.105	0.00000205	0.000169	0.000546	0.00161	0.000398
2065 Feb	0.000247	0.00107	0.0977	0.00000794	1.96	4.13	0.0387	0.000423	21.5	0.00189	0.00866	0.00026	0.000258	0.000115	0.105	0.00000205	0.000169	0.000546	0.00161	0.000398
2065 Mar	0.000247	0.00107	0.0977	0.00000794	1.96	4.13	0.0387	0.000423	21.5	0.00189	0.00866	0.00026	0.000258	0.000115	0.105	0.00000205	0.000169	0.000546	0.00161	0.000398
2065 Apr	0.000247	0.00107	0.0978	0.00000794	1.96	4.13	0.0388	0.000423	21.5	0.00189	0.00866	0.00026	0.000258	0.000115	0.105	0.00000205	0.00017	0.000546	0.00161	0.000398
2065 May	0.000249	0.00108	0.0984	0.00000796	1.96	4.14	0.0391	0.000423	21.4	0.00189	0.00868	0.000264	0.000259	0.000116	0.105	0.00000205	0.000169	0.00055	0.00162	0.000398
2065 Jun	0.000252	0.00107	0.0995	0.00000796	1.95	4.12	0.0397	0.000417	21	0.00188	0.00868	0.00027	0.000257	0.000115	0.105	0.00000204	0.000167	0.000557	0.00161	0.000391
2065 Jul	0.000253	0.00108	0.0999	0.000008	1.95	4.13	0.0398	0.000419	21.1	0.00188	0.00872	0.000271	0.000258	0.000115	0.106	0.00000205	0.000167	0.000559	0.00162	0.000392
2065 Aug	0.000254	0.00108	0.1	0.00000804	1.96	4.15	0.0399	0.00042	21.1	0.00189	0.00875	0.000271	0.000259	0.000116	0.106	0.00000206	0.000168	0.00056	0.00163	0.000394
2065 Sep	0.000253	0.00108	0.1	0.00000804	1.95	4.14	0.0397	0.000421	21	0.00189	0.00874	0.000269	0.000258	0.000115	0.106	0.00000206	0.000167	0.000558	0.00162	0.000394
2065 Oct	0.000251	0.00107	0.0995	0.00000802	1.94	4.11	0.0393	0.000422	20.8	0.00188	0.00873	0.000266	0.000256	0.000115	0.105	0.00000205	0.000166	0.000552	0.00161	0.000392
2065 Nov	0.000251	0.00107	0.0995	0.00000802	1.93	4.11	0.0393	0.000422	20.7	0.00188	0.00873	0.000266	0.000256	0.000115	0.105	0.00000205	0.000166	0.000552	0.00161	0.000392
2065 Dec	0.000251	0.00107	0.0995	0.00000802	1.93	4.11	0.0393	0.000422	20.7	0.00188	0.00873	0.000266	0.000256	0.000115	0.105	0.00000205	0.000166	0.000552	0.00161	0.000392
2066 Jan	0.000251	0.00107	0.0995	0.00000802	1.93	4.11	0.0393	0.000422	20.7	0.00188	0.00873	0.000266	0.000256	0.000115	0.105	0.00000205	0.000166	0.000552	0.00161	0.000392
2066 Feb	0.000251	0.00107	0.0995	0.00000802	1.93	4.11	0.0393	0.000422	20.7	0.00188	0.00873	0.000266	0.000256	0.000115	0.105	0.00000205	0.000166	0.000552	0.00161	0.000392
2066 Mar	0.000251	0.00107	0.0995	0.00000803	1.94	4.11	0.0393	0.000422	20.7	0.00188	0.00873	0.000266	0.000256	0.000115	0.105	0.00000205	0.000166	0.000552	0.00161	0.000392
2066 Apr	0.000251	0.00108	0.0995	0.00000803	1.94	4.11	0.0393	0.000422	20.8	0.00188	0.00874	0.000266	0.000256	0.000115	0.105	0.00000205	0.000166	0.000552	0.00161	0.000392
2066 May	0.000251	0.00108	0.0997	0.00000804	1.94	4.12	0.0394	0.000423	20.8	0.00188	0.00875	0.000266	0.000256	0.000115	0.105	0.00000205	0.000166	0.000553	0.00161	0.000392
2066 Jun	0.000251	0.00107	0.1	0.00000804	1.92	4.06	0.0394	0.000415	20.3	0.00186	0.00873	0.000268	0.000254	0.000113	0.105	0.00000204	0.000163	0.000555	0.00161	0.000382
2066 Jul	0.000251	0.00107	0.1	0.00000809	1.92	4.07	0.0395	0.000416	20.3	0.00186	0.00877	0.000268	0.000255	0.000114	0.105	0.00000205	0.000163	0.000557	0.00162	0.000383
2066 Aug	0.000252	0.00107	0.101	0.00000812	1.92	4.09	0.0396	0.000417	20.4	0.00187	0.0088	0.000269	0.000256	0.000114	0.105	0.00000205	0.000164	0.000558	0.00163	0.000385
2066 Sep	0.000252	0.00107	0.101	0.00000813	1.92	4.09	0.0395	0.000418	20.3	0.00187	0.00881	0.000268	0.000256	0.000114	0.105	0.00000206	0.000164	0.000558	0.00163	0.000386
2066 Oct	0.000251	0.00107	0.101	0.00000813	1.92	4.08	0.0394	0.000419	20.2	0.00187	0.00881	0.000267	0.000256	0.000114	0.105	0.00000205	0.000164	0.000556	0.00162	0.000386
2066 Nov	0.000251	0.00107	0.1	0.00000813	1.92	4.08	0.0394	0.000419	20.2	0.00187	0.00881	0.000267	0.000256	0.000114	0.105	0.00000205	0.000164	0.000555	0.00162	0.000387
2066 Dec	0.000251	0.00107	0.101	0.00000813	1.92	4.09	0.0394	0.00042	20.2	0.00187	0.00881	0.000267	0.000256	0.000114	0.105	0.00000205	0.000164	0.000556	0.00162	0.000387
2067 Jan	0.000251	0.00107	0.101	0.00000813	1.92	4.09	0.0394	0.00042	20.2	0.00187	0.00881	0.000267	0.000256	0.000114	0.105	0.00000205	0.000164	0.000556	0.00162	0.000387
2067 Feb	0.000251	0.00107	0.101	0.00000813	1.92	4.09	0.0394	0.00042	20.2	0.00187	0.00881	0.000267	0.000256	0.000114	0.105	0.00000205	0.000164	0.000556	0.00162	0.000387
2067 Mar	0.000251	0.00107	0.101	0.00000813	1.92	4.09	0.0394	0.00042	20.2	0.00187	0.00881	0.000267	0.000256	0.000114	0.105	0.00000205	0.000164	0.000556	0.00162	0.000387
2067 Apr	0.000251	0.00107	0.101	0.00000813	1.92	4.09	0.0394	0.00042	20.2	0.00187	0.00881	0.000267	0.000256	0.000114	0.105	0.00000205	0.000164	0.000556	0.00162	0.000387

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 May	0.000253	0.00108	0.101	0.00000815	1.92	4.09	0.0397	0.000419	20.2	0.00187	0.00883	0.00027	0.000256	0.000114	0.105	0.00000205	0.000164	0.000559	0.00163	0.000386
2067 Jun	0.000256	0.00107	0.102	0.00000815	1.91	4.08	0.0402	0.000415	19.9	0.00186	0.00883	0.000276	0.000255	0.000114	0.106	0.00000205	0.000162	0.000565	0.00162	0.000379
2067 Jul	0.000257	0.00108	0.103	0.0000082	1.92	4.09	0.0404	0.000416	20	0.00187	0.00888	0.000277	0.000256	0.000114	0.106	0.00000206	0.000162	0.000568	0.00163	0.000381
2067 Aug	0.000257	0.00108	0.103	0.00000822	1.92	4.1	0.0404	0.000417	20	0.00187	0.0089	0.000277	0.000256	0.000114	0.106	0.00000206	0.000162	0.000567	0.00163	0.000383
2067 Sep	0.000257	0.00108	0.103	0.00000823	1.92	4.1	0.0403	0.000418	19.9	0.00187	0.0089	0.000276	0.000256	0.000114	0.106	0.00000206	0.000162	0.000567	0.00163	0.000383
2067 Oct	0.000256	0.00108	0.103	0.00000822	1.91	4.09	0.0401	0.000419	19.8	0.00187	0.0089	0.000274	0.000255	0.000114	0.106	0.00000206	0.000162	0.000564	0.00163	0.000383
2067 Nov	0.000256	0.00108	0.103	0.00000823	1.91	4.09	0.0401	0.000419	19.8	0.00187	0.0089	0.000274	0.000255	0.000114	0.106	0.00000206	0.000162	0.000564	0.00163	0.000383
2067 Dec	0.000256	0.00108	0.103	0.00000823	1.91	4.09	0.0401	0.000419	19.8	0.00187	0.0089	0.000274	0.000255	0.000114	0.106	0.00000206	0.000162	0.000564	0.00163	0.000383
2068 Jan	0.000256	0.00108	0.103	0.00000823	1.91	4.09	0.0401	0.000419	19.8	0.00187	0.0089	0.000274	0.000255	0.000114	0.106	0.00000206	0.000162	0.000564	0.00163	0.000383
2068 Feb	0.000256	0.00108	0.103	0.00000823	1.91	4.09	0.0401	0.000419	19.8	0.00187	0.0089	0.000274	0.000255	0.000114	0.106	0.00000206	0.000162	0.000564	0.00163	0.000383
2068 Mar	0.000256	0.00108	0.103	0.00000823	1.91	4.09	0.0401	0.000419	19.8	0.00187	0.0089	0.000274	0.000255	0.000114	0.106	0.00000206	0.000162	0.000564	0.00163	0.000383
2068 Apr	0.000256	0.00108	0.103	0.00000823	1.91	4.1	0.0401	0.000419	19.8	0.00187	0.00891	0.000274	0.000255	0.000114	0.106	0.00000206	0.000162	0.000564	0.00163	0.000383
2068 May	0.000258	0.00108	0.103	0.00000825	1.92	4.1	0.0405	0.000419	19.8	0.00187	0.00892	0.000277	0.000256	0.000114	0.106	0.00000206	0.000162	0.000568	0.00163	0.000383
2068 Jun	0.000261	0.00107	0.104	0.00000822	1.9	4.06	0.0411	0.00041	19.3	0.00185	0.00889	0.000285	0.000253	0.000113	0.106	0.00000204	0.000158	0.000575	0.00162	0.000372
2068 Jul	0.000261	0.00107	0.105	0.00000825	1.9	4.06	0.0411	0.00041	19.2	0.00185	0.00892	0.000285	0.000254	0.000113	0.107	0.00000205	0.000158	0.000575	0.00163	0.000373
2068 Aug	0.000262	0.00108	0.105	0.00000829	1.9	4.08	0.0413	0.000412	19.3	0.00186	0.00896	0.000286	0.000255	0.000114	0.107	0.00000206	0.000159	0.000577	0.00164	0.000375
2068 Sep	0.000262	0.00108	0.105	0.0000083	1.9	4.08	0.0412	0.000413	19.2	0.00186	0.00896	0.000285	0.000255	0.000114	0.107	0.00000206	0.000159	0.000576	0.00164	0.000375
2068 Oct	0.000262	0.00108	0.105	0.0000083	1.9	4.08	0.0412	0.000414	19.2	0.00186	0.00897	0.000285	0.000254	0.000114	0.107	0.00000206	0.000159	0.000576	0.00163	0.000376
2068 Nov	0.000262	0.00108	0.105	0.00000831	1.9	4.08	0.0412	0.000414	19.2	0.00186	0.00897	0.000285	0.000255	0.000114	0.107	0.00000206	0.000159	0.000576	0.00164	0.000376
2068 Dec	0.000262	0.00108	0.105	0.00000831	1.9	4.08	0.0412	0.000414	19.2	0.00186	0.00897	0.000285	0.000255	0.000114	0.107	0.00000206	0.000159	0.000576	0.00164	0.000376
2069 Jan	0.000262	0.00108	0.105	0.00000831	1.9	4.09	0.0412	0.000414	19.2	0.00186	0.00897	0.000285	0.000255	0.000114	0.107	0.00000206	0.000159	0.000576	0.00164	0.000376
2069 Feb	0.000262	0.00108	0.105	0.00000831	1.9	4.09	0.0412	0.000414	19.2	0.00186	0.00897	0.000285	0.000255	0.000114	0.107	0.00000206	0.000159	0.000576	0.00164	0.000376
2069 Mar	0.000262	0.00108	0.105	0.00000831	1.9	4.09	0.0412	0.000414	19.2	0.00186	0.00897	0.000285	0.000255	0.000114	0.107	0.00000206	0.000159	0.000576	0.00164	0.000376
2069 Apr	0.000262	0.00108	0.105	0.00000831	1.9	4.09	0.0412	0.000414	19.2	0.00186	0.00897	0.000285	0.000255	0.000114	0.107	0.00000206	0.000159	0.000576	0.00164	0.000376
2069 May	0.000262	0.00108	0.105	0.00000832	1.91	4.09	0.0413	0.000415	19.2	0.00187	0.00899	0.000285	0.000255	0.000114	0.107	0.00000206	0.000159	0.000577	0.00164	0.000377
2069 Jun	0.000261	0.00107	0.105	0.00000833	1.89	4.05	0.0411	0.000408	18.9	0.00185	0.00897	0.000285	0.000254	0.000113	0.106	0.00000205	0.000157	0.000578	0.00164	0.000369
2069 Jul	0.000261	0.00107	0.105	0.00000836	1.89	4.05	0.0412	0.000409	18.9	0.00185	0.009	0.000285	0.000255	0.000113	0.107	0.00000206	0.000157	0.000579	0.00165	0.00037
2069 Aug	0.000262	0.00108	0.106	0.00000839	1.89	4.06	0.0412	0.00041	18.9	0.00186	0.00902	0.000285	0.000255	0.000113	0.107	0.00000206	0.000157	0.000579	0.00165	0.000371
2069 Sep	0.00026	0.00107	0.105	0.00000838	1.88	4.04	0.041	0.00041	18.8	0.00185	0.00901	0.000284	0.000254	0.000113	0.106	0.00000206	0.000156	0.000576	0.00164	0.00037
2069 Oct	0.000259	0.00107	0.105	0.00000837	1.87	4.02	0.0406	0.000411	18.6	0.00184	0.009	0.000281	0.000252	0.000112	0.106	0.00000205	0.000156	0.000572	0.00164	0.000367
2069 Nov	0.000258	0.00107	0.105	0.00000837	1.87	4.02	0.0406	0.000411	18.6	0.00184	0.009	0.00028	0.000251	0.000112	0.106	0.00000205	0.000155	0.000571	0.00163	0.000367
2069 Dec	0.000258	0.00107	0.105	0.00000837	1.87	4.02	0.0406	0.000411	18.6	0.00184	0.009	0.00028	0.000251	0.000112	0.106	0.00000205	0.000155	0.000571	0.00163	0.000367
2070 Jan	0.000258	0.00107	0.105	0.00000837	1.87	4.02	0.0406	0.000411	18.6	0.00184	0.009	0.00028	0.000251	0.000112	0.106	0.00000205	0.000155	0.000571	0.00163	0.000367
2070 Feb	0.000258	0.00107	0.105	0.00000837	1.87	4.02	0.0406	0.000411	18.6	0.00184	0.009	0.00028	0.000251	0.000112	0.106	0.00000205	0.000155	0.000571	0.00163	0.000367
2070 Mar	0.000258	0.00107	0.105	0.00000837	1.87	4.02	0.0406	0.000411	18.6	0.00184	0.009	0.00028	0.000251	0.000112	0.106	0.00000205	0.000155	0.000571	0.00163	0.000367
2070 Apr	0.000259	0.00107	0.105	0.00000837	1.87	4.02	0.0406	0.000411	18.6	0.00184	0.00901	0.00028	0.000252	0.000112	0.106	0.00000205	0.000156	0.000572	0.00164	0.000367
2070 May	0.00026	0.00107	0.105	0.00000839	1.88	4.03	0.0409	0.000411	18.6	0.00184	0.00902	0.000283	0.000252	0.000112	0.106	0.00000206	0.000155	0.000575	0.00164	0.000367
2070 Jun	0.000264	0.00107	0.107	0.00000839	1.87	4.02	0.0416	0.000406	18.3	0.00183	0.00903	0.00029	0.000251	0.000112	0.107	0.00000205	0.000154	0.000582	0.00164	0.00036
2070 Jul	0.000264	0.00107	0.107	0.00000842	1.87	4.03	0.0417	0.000407	18.4	0.00184	0.00907	0.000291	0.000252	0.000112	0.107	0.00000206	0.000154	0.000584	0.00164	0.000362
2070 Aug	0.000265	0.00108	0.107	0.00000845	1.88	4.04	0.0417	0.000409	18.4	0.00184	0.00909	0.000291	0.000252	0.000113	0.107	0.00000206	0.000154	0.000585	0.00165	0.000363
2070 Sep	0.000264	0.00108	0.107	0.00000845	1.87	4.02	0.0415	0.000409	18.3	0.00184	0.00909	0.000289	0.000251	0.000112	0.107	0.00000206	0.000154	0.000582	0.00164	0.000362
2070 Oct	0.000263	0.00107	0.107	0.00000844	1.87	4.01	0.0413	0.000409	18.2	0.00183	0.00908	0.000287	0.00025	0.000112	0.107	0.00000205	0.000153	0.000579	0.00164	0.000361
2070 Nov	0.000263	0.00107	0.107	0.00000844	1.86	4.01	0.0413	0.00041	18.2	0.00183	0.00908	0.000287	0.00025	0.000112	0.107	0.00000205	0.000153	0.000578	0.00164	0.000361
2070 Dec	0.000263	0.00107	0.107	0.00000844	1.86	4.01	0.0413	0.00041	18.2	0.00183	0.00908	0.000287	0.00025	0.000112	0.107	0.00000205	0.000153	0.000578	0.00164	0.000361
2071 Jan	0.000263	0.00107	0.107	0.00000844	1.86	4.01	0.0413	0.00041	18.2	0.00183	0.00908	0.000287	0.00025	0.000112	0.107	0.00000205	0.000153	0.000578	0.00164	0.000361
2071 Feb	0.000263	0.00107	0.107	0.00000844	1.86	4.01	0.0413	0.00041	18.2	0.00183	0.00908	0.000287	0.00025	0.000112	0.107	0.00000205	0.000153	0.000578	0.00164	0.000361
2071 Mar	0.000263	0.00107	0.107	0.00000844	1.86	4.01	0.0413	0.00041	18.2	0.00183	0.00908	0.000287	0.00025	0.000112	0.107	0.00000205	0.000153	0.000578	0.00164	0.000361
2071 Apr	0.000263	0.00107	0.107	0.00000844	1.87	4.01	0.0413	0.00041	18.2	0.00183	0.00908	0.000287	0.00025	0.000112	0.107	0.00000205	0.000153	0.000579	0.00164	0.000361
2071 May	0.000264	0.00108	0.107	0.00000845	1.87	4.01	0.0416	0.000409	18.1	0.00183	0.00909	0.00029	0.00025	0.000112	0.107	0.00000205	0.000153	0.000582	0.00164	0.00036
2071 Jun	0.000267	0.00107	0.108	0.00000844	1.86	3.99	0.0421	0.000403	17.8	0.00182	0.00908	0.000297	0.000248	0.000111	0.107	0.00000204	0.000151	0.000588	0.00163	0.000351
2071 Jul	0.000267	0.00107	0.109	0.00000846	1.86	3.99	0.0422	0.000403	17.8	0.00182	0.0091	0.000297	0.000249	0.000111	0.107	0.00000205	0.000151	0.000589	0.00164	0.000352
2071 Aug	0.000268	0.00107	0.109	0.0000085	1.86	4	0.0423	0.000404	17.8	0.00183	0.00913	0.000297	0.000249	0.000111	0.107	0.00000205	0.000151	0.00059	0.00164	0.000353
2071 Sep	0.000267	0.00107	0.109	0.00000849	1.86	3.99	0.0421	0.000405	17.8	0.00182	0.00913	0.000296	0.000248	0.000111	0.107	0.00000205	0.000151	0.000588	0.00164	0.000352
2071 Oct	0.000267	0.00107	0.108	0.00000849	1.85	3.98	0.042	0.000405	17.7	0.00182	0.00912	0.000295	0.000248	0.000111	0.107	0.00000205	0.00015	0.000586	0.00164	0.000352
2071 Nov	0.000266	0.00107	0.108	0.00000849	1.85	3.98	0.0419	0.000405	17.7	0.00182	0.00913	0.000294	0.000247	0.000111	0.107	0.00000205	0.00015	0.000585	0.00164	0.000352
2071 Dec	0.000266	0.00107	0.108	0.00000849	1.85	3.98	0.0419	0.000405	17.7	0.00182	0.00913	0.000294	0.000247	0.000111	0.107	0.00000205	0.00015	0.000585	0.00164	0.000352
2072 Jan	0.000266	0.00107	0.108	0.00000849	1.85	3.98	0.0419	0.000405	17.7	0.00182	0.00913	0.000294	0.000247	0.000111	0.107	0.00000205	0.00015	0.000585	0.00164	0.000352
2072 Feb	0.000266	0.00107	0.108	0.00000849	1.85	3.98	0.0419	0.000405	17.7	0.00182	0.00913	0.000294	0.000247	0.000111	0.107	0.00000205	0.00015	0.000585	0.00164	0.000352
2072 Mar	0.000266	0.00107	0.108	0.00000849	1.85	3.98	0.0419	0.000405	17.7	0.00182	0.00913	0.000294	0.000247	0.000111	0.107	0.00000205	0.00015	0.000585	0.00164	0.000352
2072 Apr	0.000266	0.00107	0.108	0.00000849	1.85	3.98	0.0419	0.000405	17.7	0.00182	0.00913	0.000294	0.000247	0.000111	0.107	0.00000205	0.00015	0.000586	0.00164	0.000352
2072 May	0.000267	0.00107	0.109	0.00000851	1.85	3.99	0.042	0.000406	17.7	0.00182	0.00914	0.000295	0.000248	0.000111	0.107	0.00000205	0.000151	0.000586	0.00164	0.000352
2072 Jun	0.000265	0.00107	0.108	0.00000852	1.84	3.95	0.0416	0.000402	17.5	0.00181	0.00913	0.000292	0.000247	0.00011	0.106	0.00000205	0.000149	0.000585	0.00164	0.000347
2072 Jul	0.000264	0.00107	0.108	0.00000854	1.84	3.94	0.0415	0.000401	17.4	0.00181	0.00914	0.000291	0.000247	0.00011	0.106	0.00000205	0.000149	0.000584	0.00165	0.000347
2072 Aug	0.000263	0.00106	0.108	0.00000855	1.83	3.93	0.0413	0.000401	17.3	0.0018	0.00914	0.00029	0.000246	0.00011	0.106	0.00000205	0.000148	0.000581	0.00164	0.000345
2072 Sep	0.000262	0.00106	0.108	0.00000855	1.83	3.92	0.0411	0.000402	17.3	0.0018	0.00913	0.000288	0.000245	0.000109	0.106	0.00000205	0.000148	0.000578	0.00164	0.000344
2072 Oct	0.000261	0.00106	0.107	0.00000854	1.82	3.9	0.0408	0.000402	17.1	0.00179	0.00912	0.000286	0.000243	0.000109	0.105	0.00000205	0.000147	0.000575	0.00163	0.000342
2072 Nov	0.00026	0.00106	0.107	0.00000854	1.82	3.9	0.0408	0.000402	17.1	0.00179	0.00912	0.000285	0.000243	0.000109	0.105	0.00000204	0.000147	0.000574	0.00163	0.000343

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2072 Dec	0.00026	0.00106	0.107	0.00000854	1.82	3.9	0.0408	0.000402	17.1	0.00179	0.00912	0.000285	0.000243	0.000109	0.105	0.00000204	0.000147	0.000574	0.00163	0.000343
2073 Jan	0.00026	0.00106	0.107	0.00000854	1.82	3.9	0.0408	0.000402	17.1	0.00179	0.00912	0.000285	0.000243	0.000109	0.105	0.00000204	0.000147	0.000574	0.00163	0.000343
2073 Feb	0.00026	0.00106	0.107	0.00000854	1.82	3.9	0.0408	0.000402	17.1	0.00179	0.00912	0.000285	0.000243	0.000109	0.105	0.00000204	0.000147	0.000574	0.00163	0.000343
2073 Mar	0.00026	0.00106	0.107	0.00000854	1.82	3.9	0.0408	0.000402	17.1	0.00179	0.00912	0.000285	0.000243	0.000109	0.105	0.00000204	0.000147	0.000574	0.00163	0.000343
2073 Apr	0.000261	0.00106	0.107	0.00000854	1.82	3.9	0.0408	0.000402	17.1	0.00179	0.00913	0.000285	0.000243	0.000109	0.105	0.00000205	0.000147	0.000575	0.00163	0.000343
2073 May	0.000263	0.00106	0.108	0.00000855	1.82	3.91	0.0413	0.000402	17.1	0.00179	0.00914	0.00029	0.000244	0.000109	0.106	0.00000205	0.000147	0.000579	0.00163	0.000343
2073 Jun	0.000267	0.00106	0.109	0.00000855	1.82	3.91	0.042	0.000397	16.8	0.00179	0.00915	0.000297	0.000243	0.000109	0.106	0.00000204	0.000145	0.000587	0.00163	0.000339
2073 Jul	0.000267	0.00106	0.11	0.00000858	1.82	3.91	0.0421	0.000398	16.8	0.00179	0.00917	0.000298	0.000244	0.000109	0.107	0.00000204	0.000145	0.000588	0.00164	0.000339
2073 Aug	0.000268	0.00107	0.11	0.00000861	1.82	3.92	0.0422	0.000399	16.9	0.0018	0.00919	0.000298	0.000244	0.000109	0.107	0.00000205	0.000146	0.000589	0.00164	0.00034
2073 Sep	0.000267	0.00106	0.11	0.00000861	1.82	3.92	0.042	0.000399	16.8	0.00179	0.00919	0.000297	0.000243	0.000109	0.107	0.00000205	0.000146	0.000587	0.00164	0.00034
2073 Oct	0.000266	0.00106	0.11	0.0000086	1.81	3.9	0.0418	0.0004	16.7	0.00179	0.00918	0.000295	0.000242	0.000109	0.106	0.00000204	0.000145	0.000584	0.00163	0.000339
2073 Nov	0.000266	0.00106	0.109	0.0000086	1.81	3.9	0.0418	0.0004	16.7	0.00179	0.00918	0.000295	0.000242	0.000109	0.106	0.00000204	0.000145	0.000584	0.00163	0.000339
2073 Dec	0.000266	0.00106	0.109	0.0000086	1.81	3.9	0.0418	0.0004	16.7	0.00179	0.00918	0.000295	0.000242	0.000109	0.106	0.00000204	0.000145	0.000584	0.00163	0.00034
2074 Jan	0.000266	0.00106	0.109	0.0000086	1.81	3.9	0.0418	0.0004	16.7	0.00179	0.00918	0.000295	0.000242	0.000109	0.106	0.00000204	0.000145	0.000584	0.00163	0.00034
2074 Feb	0.000266	0.00106	0.109	0.0000086	1.81	3.9	0.0418	0.0004	16.7	0.00179	0.00918	0.000295	0.000242	0.000109	0.106	0.00000204	0.000145	0.000584	0.00163	0.00034
2074 Mar	0.000266	0.00106	0.109	0.0000086	1.81	3.9	0.0418	0.0004	16.7	0.00179	0.00918	0.000295	0.000242	0.000109	0.106	0.00000204	0.000145	0.000584	0.00163	0.00034
2074 Apr	0.000266	0.00106	0.11	0.0000086	1.81	3.9	0.0418	0.0004	16.7	0.00179	0.00919	0.000295	0.000242	0.000109	0.106	0.00000204	0.000145	0.000584	0.00163	0.00034
2074 May	0.000269	0.00107	0.111	0.00000862	1.82	3.92	0.0424	0.000399	16.6	0.00179	0.00921	0.0003	0.000243	0.000109	0.107	0.00000204	0.000145	0.00059	0.00163	0.00034
2074 Jun	0.000274	0.00106	0.112	0.0000086	1.81	3.91	0.0433	0.000393	16.3	0.00178	0.00919	0.000309	0.000242	0.000109	0.108	0.00000203	0.000143	0.000599	0.00163	0.000334
2074 Jul	0.000275	0.00107	0.112	0.00000863	1.81	3.92	0.0434	0.000394	16.4	0.00179	0.00923	0.00031	0.000243	0.000109	0.108	0.00000204	0.000143	0.000602	0.00164	0.000335
2074 Aug	0.000276	0.00107	0.113	0.00000867	1.82	3.94	0.0436	0.000396	16.4	0.0018	0.00927	0.000311	0.000244	0.00011	0.108	0.00000205	0.000143	0.000604	0.00164	0.000337
2074 Sep	0.000275	0.00107	0.113	0.00000867	1.82	3.93	0.0434	0.000397	16.3	0.00179	0.00926	0.00031	0.000243	0.000109	0.108	0.00000204	0.000143	0.000601	0.00164	0.000338
2074 Oct	0.000274	0.00107	0.112	0.00000867	1.81	3.93	0.0432	0.000398	16.3	0.00179	0.00926	0.000308	0.000242	0.000109	0.108	0.00000204	0.000143	0.000599	0.00164	0.000339
2074 Nov	0.000274	0.00107	0.112	0.00000867	1.81	3.93	0.0432	0.000398	16.3	0.00179	0.00926	0.000308	0.000243	0.000109	0.108	0.00000204	0.000143	0.000599	0.00164	0.000341
2074 Dec	0.000274	0.00107	0.112	0.00000867	1.81	3.93	0.0432	0.000398	16.3	0.00179	0.00926	0.000308	0.000243	0.000109	0.108	0.00000204	0.000143	0.000599	0.00164	0.000341
2075 Jan	0.000274	0.00107	0.112	0.00000867	1.81	3.93	0.0432	0.000398	16.3	0.00179	0.00926	0.000308	0.000243	0.000109	0.108	0.00000204	0.000143	0.000599	0.00164	0.000341
2075 Feb	0.000274	0.00107	0.112	0.00000867	1.81	3.93	0.0432	0.000398	16.3	0.00179	0.00926	0.000308	0.000243	0.000109	0.108	0.00000204	0.000143	0.000599	0.00164	0.000341
2075 Mar	0.000274	0.00107	0.112	0.00000867	1.81	3.93	0.0432	0.000398	16.3	0.00179	0.00926	0.000308	0.000243	0.000109	0.108	0.00000204	0.000143	0.000599	0.00164	0.000341
2075 Apr	0.000274	0.00107	0.112	0.00000868	1.81	3.94	0.0433	0.000399	16.3	0.00179	0.00927	0.000308	0.000243	0.00011	0.108	0.00000204	0.000143	0.000599	0.00164	0.000341
2075 May	0.000275	0.00107	0.113	0.00000869	1.82	3.95	0.0434	0.000399	16.3	0.0018	0.00928	0.000309	0.000243	0.00011	0.108	0.00000204	0.000143	0.000601	0.00164	0.000343
2075 Jun	0.000271	0.00106	0.112	0.00000868	1.79	3.88	0.0428	0.000393	15.9	0.00178	0.00924	0.000305	0.000242	0.000108	0.107	0.00000204	0.000141	0.000597	0.00164	0.000336
2075 Jul	0.00027	0.00106	0.112	0.0000087	1.79	3.87	0.0426	0.000391	15.8	0.00177	0.00925	0.000303	0.000242	0.000108	0.107	0.00000204	0.00014	0.000597	0.00164	0.000334
2075 Aug	0.00027	0.00106	0.112	0.00000872	1.79	3.87	0.0426	0.000392	15.9	0.00178	0.00927	0.000304	0.000242	0.000108	0.107	0.00000204	0.000141	0.000597	0.00165	0.000334
2075 Sep	0.000271	0.00106	0.112	0.00000873	1.79	3.88	0.0426	0.000393	15.9	0.00178	0.00928	0.000303	0.000242	0.000108	0.107	0.00000204	0.000141	0.000597	0.00165	0.000335
2075 Oct	0.00027	0.00106	0.112	0.00000873	1.79	3.87	0.0425	0.000393	15.8	0.00178	0.00928	0.000303	0.000242	0.000108	0.107	0.00000204	0.000141	0.000596	0.00165	0.000335
2075 Nov	0.00027	0.00106	0.112	0.00000873	1.79	3.87	0.0425	0.000393	15.8	0.00178	0.00928	0.000303	0.000242	0.000108	0.107	0.00000204	0.000141	0.000596	0.00165	0.000336
2075 Dec	0.00027	0.00106	0.112	0.00000873	1.79	3.87	0.0425	0.000393	15.8	0.00178	0.00928	0.000303	0.000242	0.000108	0.107	0.00000204	0.000141	0.000596	0.00165	0.000336
2076 Jan	0.00027	0.00106	0.112	0.00000873	1.79	3.87	0.0425	0.000393	15.8	0.00178	0.00928	0.000303	0.000242	0.000108	0.107	0.00000204	0.000141	0.000596	0.00165	0.000336
2076 Feb	0.00027	0.00106	0.112	0.00000873	1.79	3.87	0.0425	0.000393	15.8	0.00178	0.00928	0.000303	0.000242	0.000108	0.107	0.00000204	0.000141	0.000596	0.00165	0.000336
2076 Mar	0.00027	0.00106	0.112	0.00000873	1.79	3.87	0.0426	0.000393	15.8	0.00178	0.00928	0.000303	0.000242	0.000108	0.107	0.00000204	0.000141	0.000596	0.00165	0.000336
2076 Apr	0.00027	0.00106	0.112	0.00000874	1.79	3.87	0.0426	0.000393	15.8	0.00178	0.00928	0.000303	0.000242	0.000108	0.107	0.00000204	0.000141	0.000596	0.00165	0.000336
2076 May	0.000272	0.00106	0.112	0.00000875	1.79	3.88	0.0429	0.000393	15.8	0.00178	0.0093	0.000306	0.000242	0.000108	0.107	0.00000205	0.000141	0.000599	0.00165	0.000335
2076 Jun	0.000275	0.00106	0.114	0.00000873	1.78	3.86	0.0435	0.000387	15.5	0.00177	0.00929	0.000313	0.000241	0.000108	0.108	0.00000204	0.000139	0.000606	0.00165	0.000327
2076 Jul	0.000276	0.00106	0.114	0.00000876	1.78	3.86	0.0435	0.000387	15.5	0.00177	0.00931	0.000313	0.000241	0.000108	0.108	0.00000204	0.000139	0.000607	0.00165	0.000327
2076 Aug	0.000276	0.00106	0.114	0.00000879	1.79	3.88	0.0437	0.000389	15.6	0.00178	0.00934	0.000314	0.000242	0.000108	0.108	0.00000205	0.000139	0.000609	0.00166	0.000329
2076 Sep	0.000276	0.00106	0.114	0.0000088	1.79	3.88	0.0437	0.00039	15.6	0.00178	0.00935	0.000313	0.000242	0.000108	0.108	0.00000205	0.000139	0.000608	0.00166	0.00033
2076 Oct	0.000275	0.00106	0.114	0.00000879	1.79	3.87	0.0435	0.00039	15.5	0.00177	0.00934	0.000312	0.000241	0.000108	0.108	0.00000205	0.000139	0.000606	0.00165	0.00033
2076 Nov	0.000275	0.00106	0.114	0.00000879	1.79	3.87	0.0434	0.00039	15.5	0.00177	0.00934	0.000312	0.000241	0.000108	0.108	0.00000205	0.000139	0.000606	0.00165	0.00033
2076 Dec	0.000275	0.00106	0.114	0.00000879	1.79	3.87	0.0434	0.00039	15.5	0.00177	0.00934	0.000312	0.000241	0.000108	0.108	0.00000205	0.000139	0.000606	0.00165	0.00033
2077 Jan	0.000275	0.00106	0.114	0.00000879	1.79	3.87	0.0434	0.00039	15.5	0.00177	0.00934	0.000312	0.000241	0.000108	0.108	0.00000205	0.000139	0.000606	0.00165	0.00033
2077 Feb	0.000275	0.00106	0.114	0.00000879	1.79	3.87	0.0434	0.00039	15.5	0.00177	0.00934	0.000312	0.000241	0.000108	0.108	0.00000205	0.000139	0.000606	0.00165	0.00033
2077 Mar	0.000275	0.00106	0.114	0.00000879	1.79	3.87	0.0434	0.00039	15.5	0.00177	0.00934	0.000312	0.000241	0.000108	0.108	0.00000205	0.000139	0.000606	0.00165	0.00033
2077 Apr	0.000275	0.00106	0.114	0.0000088	1.79	3.87	0.0435	0.000391	15.5	0.00177	0.00935	0.000312	0.000241	0.000108	0.108	0.00000205	0.000139	0.000606	0.00165	0.00033
2077 May	0.000277	0.00106	0.114	0.00000881	1.79	3.88	0.0437	0.00039	15.5	0.00177	0.00936	0.000314	0.000241	0.000108	0.108	0.00000205	0.000139	0.000609	0.00165	0.00033
2077 Jun	0.000279	0.00106	0.115	0.00000879	1.78	3.86	0.0442	0.000385	15.2	0.00176	0.00934	0.00032	0.00024	0.000108	0.108	0.00000204	0.000137	0.000614	0.00165	0.000324
2077 Jul	0.00028	0.00106	0.116	0.00000883	1.78	3.87	0.0443	0.000386	15.3	0.00177	0.00938	0.00032	0.000241	0.000108	0.109	0.00000204	0.000137	0.000616	0.00166	0.000325
2077 Aug	0.000281	0.00107	0.116	0.00000886	1.79	3.88	0.0444	0.000387	15.3	0.00178	0.00941	0.000321	0.000242	0.000108	0.109	0.00000205	0.000138	0.000618	0.00166	0.000326
2077 Sep	0.000279	0.00106	0.115	0.00000885	1.78	3.86	0.0441	0.000388	15.2	0.00177	0.00939	0.000318	0.00024	0.000108	0.108	0.00000205	0.000137	0.000613	0.00166	0.000325
2077 Oct	0.000279	0.00106	0.115	0.00000885	1.78	3.86	0.044	0.000388	15.2	0.00177	0.00939	0.000317	0.00024	0.000108	0.108	0.00000205	0.000137	0.000612	0.00165	0.000325
2077 Nov	0.000279	0.00106	0.115	0.00000885	1.78	3.86	0.044	0.000388	15.2	0.00177	0.0094	0.000317	0.00024	0.000108	0.108	0.00000205	0.000137	0.000612	0.00165	0.000326
2077 Dec	0.000279	0.00106	0.115	0.00000885	1.78	3.86	0.044	0.000388	15.2	0.00177	0.0094	0.000317	0.00024	0.000108	0.108	0.00000205	0.000137	0.000612	0.00165	0.000326
2078 Jan	0.000279	0.00106	0.115	0.00000885	1.78	3.86	0.044	0.000388	15.2	0.00177	0.0094	0.000317	0.00024	0.000108	0.108	0.00000205	0.000137	0.000612	0.00165	0.000326
2078 Feb	0.000279	0.00106	0.115	0.00000885	1.78	3.86	0.044	0.000388	15.2	0.00177	0.0094	0.000317	0.00024	0.000108	0.108	0.00000205	0.000137	0.000612	0.00165	0.000326
2078 Mar	0.000279	0.00106	0.115	0.00000885	1.78	3.86	0.044	0.000388	15.2	0.00177	0.0094	0.000317	0.00024	0.000108	0.108	0.00000205	0.000137	0.000612	0.00165	0.000326
2078 Apr	0.000279	0.00106	0.115	0.00000886	1.78	3.86	0.044	0.000389	15.2	0.00177	0.0094	0.000318	0.00024	0.000108	0.108	0.00000205	0.000137	0.000612	0.00166	0.000326
2078 May	0.000283	0.00107	0.117	0.00000886	1.78	3.87	0.0447	0.000387	15.1	0.00177	0.00942	0.000324	0.00024	0.000108	0.109	0.00000205	0.000136	0.000619	0.00166	0.000324
2078 Jun	0.000286	0.00106	0.117	0.00000884	1.78	3.86	0.0454	0.000382	14.9	0.00176	0.0094	0.000331	0.000239	0.000108	0.109	0.00000203	0.000135	0.000626	0.00165	0.000318

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Jul	0.000287	0.00107	0.118	0.00000888	1.78	3.87	0.0455	0.000383	14.9	0.00177	0.00944	0.000332	0.00024	0.000108	0.11	0.00000204	0.000135	0.000628	0.00166	0.000319
2078 Aug	0.000287	0.00107	0.118	0.0000089	1.78	3.88	0.0455	0.000384	14.9	0.00177	0.00946	0.000332	0.00024	0.000108	0.11	0.00000205	0.000135	0.000628	0.00166	0.00032
2078 Sep	0.000287	0.00107	0.118	0.00000891	1.78	3.88	0.0455	0.000385	14.9	0.00177	0.00946	0.000331	0.00024	0.000108	0.11	0.00000205	0.000135	0.000627	0.00166	0.000322
2078 Oct	0.000287	0.00107	0.118	0.00000891	1.78	3.88	0.0454	0.000385	14.8	0.00177	0.00946	0.00033	0.00024	0.000108	0.11	0.00000205	0.000135	0.000626	0.00166	0.000323
2078 Nov	0.000286	0.00107	0.118	0.00000891	1.78	3.88	0.0454	0.000385	14.8	0.00177	0.00946	0.00033	0.00024	0.000108	0.11	0.00000205	0.000135	0.000626	0.00166	0.000323
2078 Dec	0.000286	0.00107	0.118	0.00000891	1.78	3.88	0.0454	0.000385	14.8	0.00177	0.00946	0.00033	0.00024	0.000108	0.11	0.00000205	0.000135	0.000626	0.00166	0.000323
2079 Jan	0.000286	0.00107	0.118	0.00000891	1.78	3.88	0.0454	0.000385	14.8	0.00177	0.00946	0.00033	0.00024	0.000108	0.11	0.00000205	0.000135	0.000626	0.00166	0.000323
2079 Feb	0.000286	0.00107	0.118	0.00000891	1.78	3.88	0.0454	0.000385	14.8	0.00177	0.00946	0.00033	0.00024	0.000108	0.11	0.00000205	0.000135	0.000626	0.00166	0.000323
2079 Mar	0.000286	0.00107	0.118	0.00000891	1.78	3.88	0.0454	0.000386	14.8	0.00177	0.00946	0.00033	0.00024	0.000108	0.11	0.00000205	0.000135	0.000626	0.00166	0.000323
2079 Apr	0.000287	0.00107	0.118	0.00000891	1.78	3.88	0.0454	0.000386	14.8	0.00177	0.00947	0.00033	0.00024	0.000108	0.11	0.00000205	0.000135	0.000626	0.00166	0.000323
2079 May	0.000287	0.00107	0.118	0.00000893	1.78	3.89	0.0455	0.000386	14.9	0.00177	0.00948	0.000331	0.00024	0.000108	0.11	0.00000205	0.000135	0.000627	0.00166	0.000324
2079 Jun	0.000286	0.00106	0.118	0.0000089	1.77	3.84	0.0453	0.000379	14.6	0.00175	0.00944	0.000331	0.000239	0.000107	0.109	0.00000204	0.000133	0.000627	0.00166	0.000316
2079 Jul	0.000285	0.00106	0.118	0.00000892	1.76	3.83	0.0452	0.000378	14.5	0.00175	0.00945	0.00033	0.000239	0.000107	0.109	0.00000204	0.000133	0.000626	0.00166	0.000315
2079 Aug	0.000286	0.00106	0.118	0.00000895	1.77	3.84	0.0453	0.000379	14.5	0.00176	0.00948	0.00033	0.000239	0.000107	0.109	0.00000205	0.000133	0.000627	0.00167	0.000317
2079 Sep	0.000285	0.00106	0.118	0.00000895	1.76	3.83	0.0451	0.00038	14.5	0.00175	0.00947	0.000329	0.000239	0.000107	0.109	0.00000205	0.000133	0.000625	0.00166	0.000317
2079 Oct	0.000284	0.00106	0.118	0.00000895	1.76	3.83	0.045	0.000381	14.4	0.00175	0.00947	0.000328	0.000238	0.000107	0.109	0.00000204	0.000133	0.000623	0.00166	0.000317
2079 Nov	0.000284	0.00106	0.118	0.00000895	1.76	3.82	0.0449	0.000381	14.4	0.00175	0.00947	0.000327	0.000238	0.000107	0.109	0.00000204	0.000133	0.000623	0.00166	0.000317
2079 Dec	0.000284	0.00106	0.118	0.00000895	1.76	3.82	0.0449	0.000381	14.4	0.00175	0.00947	0.000327	0.000237	0.000107	0.109	0.00000204	0.000133	0.000622	0.00166	0.000317
2080 Jan	0.000284	0.00106	0.118	0.00000895	1.76	3.82	0.0449	0.000381	14.4	0.00175	0.00947	0.000327	0.000237	0.000107	0.109	0.00000204	0.000133	0.000622	0.00166	0.000317
2080 Feb	0.000284	0.00106	0.118	0.00000895	1.76	3.82	0.0449	0.000381	14.4	0.00175	0.00947	0.000327	0.000237	0.000107	0.109	0.00000204	0.000133	0.000622	0.00166	0.000317
2080 Mar	0.000284	0.00106	0.118	0.00000895	1.76	3.82	0.0449	0.000381	14.4	0.00175	0.00947	0.000327	0.000237	0.000107	0.109	0.00000204	0.000133	0.000622	0.00166	0.000317
2080 Apr	0.000284	0.00106	0.118	0.00000895	1.76	3.82	0.0449	0.000381	14.4	0.00175	0.00947	0.000327	0.000238	0.000107	0.109	0.00000204	0.000133	0.000622	0.00166	0.000317
2080 May	0.000284	0.00106	0.118	0.00000896	1.76	3.83	0.0449	0.000382	14.4	0.00175	0.00949	0.000327	0.000238	0.000107	0.109	0.00000205	0.000133	0.000623	0.00166	0.000317
2080 Jun	0.000281	0.00105	0.117	0.00000896	1.75	3.78	0.0445	0.000377	14.2	0.00174	0.00946	0.000324	0.000237	0.000106	0.108	0.00000204	0.000131	0.00062	0.00166	0.000313
2080 Jul	0.00028	0.00105	0.117	0.00000897	1.74	3.77	0.0442	0.000376	14.1	0.00173	0.00946	0.000322	0.000237	0.000105	0.108	0.00000204	0.000131	0.000619	0.00167	0.000311
2080 Aug	0.00028	0.00105	0.117	0.00000899	1.74	3.77	0.0442	0.000376	14.1	0.00173	0.00948	0.000322	0.000237	0.000105	0.108	0.00000205	0.000131	0.000619	0.00167	0.000311
2080 Sep	0.000279	0.00105	0.117	0.00000899	1.74	3.76	0.0441	0.000377	14.1	0.00173	0.00948	0.000321	0.000236	0.000105	0.108	0.00000204	0.000131	0.000617	0.00167	0.000311
2080 Oct	0.000279	0.00105	0.117	0.00000899	1.73	3.76	0.044	0.000377	14.1	0.00173	0.00948	0.00032	0.000236	0.000105	0.107	0.00000204	0.000131	0.000615	0.00166	0.000312
2080 Nov	0.000278	0.00105	0.117	0.00000899	1.73	3.75	0.0439	0.000378	14	0.00173	0.00948	0.000319	0.000235	0.000105	0.107	0.00000204	0.00013	0.000614	0.00166	0.000312
2080 Dec	0.000278	0.00105	0.117	0.00000899	1.73	3.75	0.0439	0.000378	14	0.00173	0.00948	0.000319	0.000235	0.000105	0.107	0.00000204	0.00013	0.000614	0.00166	0.000312
2081 Jan	0.000278	0.00105	0.117	0.00000899	1.73	3.75	0.0439	0.000378	14	0.00173	0.00948	0.000319	0.000235	0.000105	0.107	0.00000204	0.00013	0.000614	0.00166	0.000312
2081 Feb	0.000278	0.00105	0.117	0.00000899	1.73	3.75	0.0439	0.000378	14	0.00173	0.00948	0.000319	0.000235	0.000105	0.107	0.00000204	0.00013	0.000614	0.00166	0.000312
2081 Mar	0.000278	0.00105	0.117	0.00000899	1.73	3.75	0.0439	0.000378	14	0.00173	0.00948	0.000319	0.000235	0.000105	0.107	0.00000204	0.00013	0.000614	0.00166	0.000312
2081 Apr	0.000278	0.00105	0.117	0.00000899	1.73	3.76	0.0439	0.000378	14	0.00173	0.00948	0.000319	0.000235	0.000105	0.107	0.00000204	0.000131	0.000614	0.00166	0.000312
2081 May	0.000281	0.00105	0.118	0.000009	1.74	3.76	0.0444	0.000377	14	0.00173	0.0095	0.000324	0.000236	0.000105	0.108	0.00000204	0.00013	0.00062	0.00166	0.00031
2081 Jun	0.000283	0.00105	0.118	0.00000899	1.73	3.76	0.0449	0.000374	13.9	0.00173	0.00949	0.000328	0.000235	0.000105	0.108	0.00000204	0.000129	0.000624	0.00166	0.000306
2081 Jul	0.000285	0.00106	0.119	0.00000904	1.74	3.77	0.045	0.000375	13.9	0.00173	0.00954	0.00033	0.000236	0.000105	0.109	0.00000205	0.00013	0.000627	0.00167	0.000307
2081 Aug	0.000286	0.00106	0.119	0.00000908	1.75	3.79	0.0452	0.000377	14	0.00174	0.00958	0.000331	0.000237	0.000106	0.109	0.00000206	0.00013	0.000629	0.00168	0.000309
2081 Sep	0.000285	0.00106	0.119	0.00000908	1.75	3.79	0.0451	0.000378	13.9	0.00174	0.00958	0.00033	0.000236	0.000106	0.109	0.00000206	0.00013	0.000628	0.00168	0.000309
2081 Oct	0.000285	0.00106	0.119	0.00000908	1.75	3.79	0.0451	0.000378	13.9	0.00174	0.00958	0.000329	0.000236	0.000106	0.109	0.00000206	0.00013	0.000627	0.00167	0.00031
2081 Nov	0.000285	0.00106	0.119	0.00000908	1.74	3.78	0.045	0.000378	13.9	0.00174	0.00958	0.000329	0.000236	0.000106	0.109	0.00000205	0.00013	0.000626	0.00167	0.00031
2081 Dec	0.000285	0.00106	0.119	0.00000908	1.74	3.78	0.045	0.000378	13.9	0.00174	0.00958	0.000329	0.000236	0.000106	0.109	0.00000205	0.00013	0.000626	0.00167	0.00031
2082 Jan	0.000285	0.00106	0.119	0.00000908	1.74	3.78	0.045	0.000378	13.9	0.00174	0.00958	0.000329	0.000236	0.000106	0.109	0.00000205	0.00013	0.000626	0.00167	0.000311
2082 Feb	0.000285	0.00106	0.119	0.00000908	1.74	3.78	0.045	0.000378	13.9	0.00174	0.00958	0.000329	0.000236	0.000106	0.109	0.00000205	0.00013	0.000626	0.00167	0.000311
2082 Mar	0.000285	0.00106	0.119	0.00000908	1.74	3.78	0.045	0.000378	13.9	0.00174	0.00958	0.000329	0.000236	0.000106	0.109	0.00000205	0.00013	0.000626	0.00167	0.000311
2082 Apr	0.000285	0.00106	0.119	0.00000908	1.74	3.78	0.045	0.000379	13.9	0.00174	0.00958	0.000329	0.000236	0.000106	0.109	0.00000205	0.00013	0.000626	0.00167	0.000311
2082 May	0.000285	0.00106	0.119	0.00000909	1.75	3.79	0.045	0.000379	13.9	0.00174	0.00959	0.000329	0.000236	0.000106	0.109	0.00000206	0.00013	0.000627	0.00167	0.000311
2082 Jun	0.00028	0.00105	0.118	0.00000907	1.72	3.73	0.0443	0.000373	13.6	0.00172	0.00954	0.000323	0.000235	0.000104	0.107	0.00000205	0.000128	0.000621	0.00168	0.000307
2082 Jul	0.000278	0.00104	0.117	0.00000907	1.71	3.69	0.0439	0.000369	13.5	0.00171	0.00952	0.00032	0.000235	0.000103	0.107	0.00000204	0.000127	0.000619	0.00168	0.000304
2082 Aug	0.000278	0.00105	0.118	0.00000911	1.71	3.7	0.044	0.00037	13.5	0.00171	0.00955	0.000321	0.000236	0.000104	0.107	0.00000205	0.000127	0.00062	0.00168	0.000305
2082 Sep	0.000278	0.00105	0.118	0.00000912	1.71	3.7	0.0439	0.000371	13.5	0.00172	0.00956	0.00032	0.000235	0.000104	0.107	0.00000205	0.000127	0.00062	0.00168	0.000305
2082 Oct	0.000277	0.00104	0.117	0.0000091	1.71	3.69	0.0437	0.000371	13.4	0.00171	0.00954	0.000318	0.000234	0.000103	0.107	0.00000205	0.000127	0.000616	0.00168	0.000304
2082 Nov	0.000277	0.00104	0.117	0.0000091	1.71	3.69	0.0437	0.000372	13.4	0.00171	0.00954	0.000318	0.000234	0.000103	0.107	0.00000205	0.000127	0.000616	0.00168	0.000305
2082 Dec	0.000277	0.00104	0.117	0.0000091	1.71	3.69	0.0437	0.000372	13.4	0.00171	0.00954	0.000318	0.000234	0.000103	0.107	0.00000205	0.000127	0.000616	0.00168	0.000305
2083 Jan	0.000277	0.00104	0.117	0.0000091	1.71	3.69	0.0437	0.000372	13.4	0.00171	0.00954	0.000318	0.000234	0.000103	0.107	0.00000205	0.000127	0.000616	0.00168	0.000305
2083 Feb	0.000277	0.00104	0.117	0.0000091	1.71	3.69	0.0437	0.000372	13.4	0.00171	0.00954	0.000318	0.000234	0.000103	0.107	0.00000205	0.000127	0.000617	0.00168	0.000305
2083 Mar	0.000277	0.00105	0.117	0.0000091	1.71	3.69	0.0437	0.000372	13.4	0.00171	0.00955	0.000318	0.000234	0.000103	0.107	0.00000205	0.000127	0.000617	0.00168	0.000305
2083 Apr	0.000277	0.00105	0.117	0.00000911	1.71	3.69	0.0437	0.000372	13.4	0.00171	0.00955	0.000319	0.000234	0.000103	0.107	0.00000205	0.000127	0.000617	0.00168	0.000305
2083 May	0.00028	0.00105	0.118	0.00000912	1.71	3.71	0.0442	0.000371	13.4	0.00171	0.00957	0.000322	0.000235	0.000104	0.107	0.00000205	0.000127	0.000621	0.00168	0.000306
2083 Jun	0.000283	0.00104	0.119	0.00000909	1.71	3.7	0.0449	0.000366	13.2	0.00171	0.00955	0.00033	0.000234	0.000104	0.108	0.00000204	0.000125	0.000629	0.00167	0.000301
2083 Jul	0.000284	0.00105	0.12	0.00000912	1.71	3.7	0.0449	0.000366	13.2	0.00171	0.00957	0.00033	0.000234	0.000104	0.108	0.00000204	0.000125	0.00063	0.00168	0.000301
2083 Aug	0.000283	0.00105	0.12	0.00000914	1.71	3.7	0.0448	0.000367	13.2	0.00171	0.00958	0.00033	0.000234	0.000104	0.108	0.00000204	0.000125	0.000628	0.00168	0.000302
2083 Sep	0.000283	0.00105	0.119	0.00000914	1.71	3.69	0.0447	0.000367	13.1	0.00171	0.00958	0.000328	0.000233	0.000103	0.108	0.00000204	0.000125	0.000626	0.00168	0.000302
2083 Oct	0.000281	0.00104	0.119	0.00000912	1.7	3.68	0.0444	0.000368	13	0.0017	0.00957	0.000326	0.000232	0.000103	0.107	0.00000204	0.000125	0.000622	0.00167	0.000301
2083 Nov	0.000281	0.00104	0.119	0.00000912	1.7	3.67	0.0443	0.000368	13	0.0017	0.00956	0.000325	0.000231	0.000103	0.107	0.00000204	0.000125	0.000621	0.00167	0.000302
2083 Dec	0.000281	0.00104	0.119	0.00000912	1.7	3.67	0.0443	0.000368	13	0.0017	0.00956	0.000325	0.000231	0.000103	0.107	0.00000204	0.000125	0.000621	0.00167	0.000302
2084 Jan	0.000281	0.00104	0.119	0.00000912	1.7	3.67	0.0443	0.000368	13	0.0017	0.00956	0.000325	0.000231	0.000103	0.107	0.00000204	0.000125	0.000621	0.00167	0.000302

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Feb	0.000281	0.00104	0.119	0.00000912	1.7	3.67	0.0443	0.000368	13	0.0017	0.00956	0.000325	0.000231	0.000103	0.107	0.00000204	0.000125	0.000621	0.00167	0.000302
2084 Mar	0.000281	0.00104	0.119	0.00000912	1.7	3.67	0.0443	0.000368	13	0.0017	0.00956	0.000325	0.000231	0.000103	0.107	0.00000204	0.000125	0.000621	0.00167	0.000302
2084 Apr	0.000281	0.00104	0.119	0.00000912	1.7	3.68	0.0443	0.000369	13	0.0017	0.00957	0.000325	0.000232	0.000103	0.107	0.00000204	0.000125	0.000621	0.00167	0.000302
2084 May	0.000284	0.00105	0.12	0.00000914	1.7	3.69	0.0449	0.000368	13	0.0017	0.00959	0.00033	0.000232	0.000103	0.108	0.00000204	0.000124	0.000627	0.00167	0.000301
2084 Jun	0.000287	0.00104	0.121	0.0000091	1.7	3.68	0.0454	0.000363	12.8	0.00169	0.00957	0.000336	0.000231	0.000103	0.108	0.00000203	0.000123	0.000632	0.00166	0.000295
2084 Jul	0.000287	0.00105	0.121	0.00000913	1.7	3.68	0.0455	0.000364	12.8	0.0017	0.00959	0.000336	0.000231	0.000103	0.108	0.00000203	0.000123	0.000633	0.00167	0.000296
2084 Aug	0.000288	0.00105	0.121	0.00000916	1.7	3.69	0.0455	0.000365	12.8	0.0017	0.00962	0.000337	0.000232	0.000103	0.108	0.00000204	0.000123	0.000634	0.00167	0.000297
2084 Sep	0.000287	0.00105	0.121	0.00000916	1.7	3.68	0.0454	0.000365	12.8	0.0017	0.00961	0.000336	0.000231	0.000103	0.108	0.00000204	0.000123	0.000632	0.00167	0.000298
2084 Oct	0.000286	0.00105	0.121	0.00000915	1.7	3.68	0.0452	0.000366	12.7	0.00169	0.00961	0.000334	0.00023	0.000103	0.108	0.00000204	0.000123	0.00063	0.00167	0.000298
2084 Nov	0.000286	0.00105	0.121	0.00000915	1.69	3.67	0.0451	0.000366	12.7	0.00169	0.00961	0.000333	0.00023	0.000103	0.108	0.00000203	0.000123	0.000629	0.00167	0.000298
2084 Dec	0.000286	0.00105	0.121	0.00000915	1.69	3.67	0.0451	0.000366	12.7	0.00169	0.00961	0.000333	0.00023	0.000103	0.108	0.00000203	0.000123	0.000629	0.00167	0.000298
2085 Jan	0.000286	0.00105	0.121	0.00000915	1.69	3.67	0.0451	0.000366	12.7	0.00169	0.00961	0.000333	0.00023	0.000103	0.108	0.00000203	0.000123	0.000629	0.00167	0.000298
2085 Feb	0.000286	0.00105	0.121	0.00000915	1.69	3.67	0.0451	0.000366	12.7	0.00169	0.00961	0.000333	0.00023	0.000103	0.108	0.00000203	0.000123	0.000629	0.00167	0.000298
2085 Mar	0.000286	0.00105	0.121	0.00000915	1.69	3.67	0.0451	0.000366	12.7	0.00169	0.00961	0.000333	0.00023	0.000103	0.108	0.00000203	0.000123	0.000629	0.00167	0.000298
2085 Apr	0.000286	0.00105	0.121	0.00000915	1.69	3.67	0.0452	0.000366	12.7	0.00169	0.00961	0.000333	0.00023	0.000103	0.108	0.00000203	0.000123	0.000629	0.00167	0.000298
2085 May	0.000288	0.00105	0.121	0.00000916	1.7	3.68	0.0456	0.000366	12.7	0.0017	0.00962	0.000338	0.00023	0.000103	0.108	0.00000204	0.000123	0.000634	0.00167	0.000297
2085 Jun	0.000291	0.00105	0.122	0.00000916	1.7	3.68	0.0461	0.000363	12.6	0.00169	0.00963	0.000342	0.00023	0.000103	0.109	0.00000203	0.000122	0.000639	0.00167	0.000294
2085 Jul	0.000292	0.00105	0.123	0.0000092	1.7	3.7	0.0462	0.000364	12.6	0.0017	0.00966	0.000343	0.000231	0.000103	0.109	0.00000204	0.000122	0.000641	0.00167	0.000295
2085 Aug	0.000291	0.00105	0.122	0.00000921	1.7	3.69	0.0461	0.000365	12.6	0.0017	0.00966	0.000342	0.00023	0.000103	0.109	0.00000204	0.000122	0.000639	0.00167	0.000296
2085 Sep	0.000289	0.00105	0.122	0.0000092	1.7	3.68	0.0458	0.000365	12.5	0.00169	0.00965	0.00034	0.000229	0.000103	0.109	0.00000204	0.000122	0.000635	0.00167	0.000296
2085 Oct	0.000288	0.00105	0.122	0.00000919	1.69	3.67	0.0456	0.000366	12.5	0.00169	0.00964	0.000338	0.000228	0.000103	0.108	0.00000203	0.000122	0.000632	0.00166	0.000297
2085 Nov	0.000288	0.00105	0.122	0.00000918	1.69	3.67	0.0455	0.000366	12.5	0.00169	0.00964	0.000337	0.000228	0.000102	0.108	0.00000203	0.000122	0.000631	0.00166	0.000297
2085 Dec	0.000288	0.00105	0.122	0.00000918	1.69	3.67	0.0455	0.000366	12.5	0.00169	0.00964	0.000337	0.000228	0.000102	0.108	0.00000203	0.000122	0.000631	0.00166	0.000297
2086 Jan	0.000288	0.00105	0.122	0.00000918	1.69	3.67	0.0455	0.000366	12.5	0.00169	0.00964	0.000337	0.000228	0.000102	0.108	0.00000203	0.000122	0.000631	0.00166	0.000297
2086 Feb	0.000288	0.00105	0.122	0.00000918	1.69	3.67	0.0455	0.000366	12.5	0.00169	0.00964	0.000337	0.000228	0.000102	0.108	0.00000203	0.000122	0.000631	0.00166	0.000297
2086 Mar	0.000288	0.00105	0.122	0.00000918	1.69	3.67	0.0455	0.000366	12.5	0.00169	0.00964	0.000337	0.000228	0.000102	0.108	0.00000203	0.000122	0.000631	0.00166	0.000297
2086 Apr	0.000288	0.00105	0.122	0.00000919	1.69	3.67	0.0455	0.000366	12.5	0.00169	0.00964	0.000337	0.000228	0.000102	0.108	0.00000203	0.000122	0.000631	0.00166	0.000297
2086 May	0.000289	0.00105	0.122	0.0000092	1.69	3.67	0.0457	0.000367	12.5	0.00169	0.00966	0.000339	0.000228	0.000103	0.109	0.00000204	0.000122	0.000633	0.00166	0.000298
2086 Jun	0.000291	0.00104	0.122	0.00000918	1.68	3.65	0.0461	0.000361	12.3	0.00168	0.00963	0.000343	0.000227	0.000102	0.109	0.00000203	0.00012	0.000638	0.00166	0.000292
2086 Jul	0.000291	0.00104	0.123	0.00000921	1.69	3.65	0.0461	0.000361	12.3	0.00168	0.00966	0.000343	0.000228	0.000102	0.109	0.00000203	0.00012	0.000639	0.00167	0.000292
2086 Aug	0.000291	0.00105	0.123	0.00000923	1.69	3.66	0.0461	0.000362	12.3	0.00168	0.00968	0.000343	0.000228	0.000102	0.109	0.00000204	0.00012	0.000638	0.00167	0.000293
2086 Sep	0.00029	0.00105	0.123	0.00000923	1.68	3.65	0.0459	0.000363	12.2	0.00168	0.00967	0.000341	0.000227	0.000102	0.109	0.00000203	0.00012	0.000636	0.00167	0.000294
2086 Oct	0.00029	0.00105	0.122	0.00000924	1.68	3.65	0.0458	0.000364	12.2	0.00168	0.00967	0.00034	0.000227	0.000102	0.109	0.00000203	0.00012	0.000635	0.00166	0.000295
2086 Nov	0.00029	0.00105	0.122	0.00000924	1.68	3.65	0.0458	0.000364	12.2	0.00168	0.00967	0.000341	0.000227	0.000102	0.109	0.00000203	0.00012	0.000635	0.00166	0.000295
2086 Dec	0.00029	0.00105	0.122	0.00000924	1.68	3.65	0.0458	0.000364	12.2	0.00168	0.00967	0.000341	0.000227	0.000102	0.109	0.00000203	0.00012	0.000635	0.00166	0.000295
2087 Jan	0.00029	0.00105	0.122	0.00000924	1.68	3.65	0.0458	0.000364	12.2	0.00168	0.00967	0.000341	0.000227	0.000102	0.109	0.00000203	0.00012	0.000635	0.00166	0.000295
2087 Feb	0.00029	0.00105	0.122	0.00000924	1.68	3.65	0.0458	0.000364	12.2	0.00168	0.00967	0.000341	0.000227	0.000102	0.109	0.00000203	0.00012	0.000635	0.00166	0.000296
2087 Mar	0.00029	0.00105	0.122	0.00000924	1.68	3.65	0.0458	0.000364	12.2	0.00168	0.00967	0.000341	0.000227	0.000102	0.109	0.00000203	0.00012	0.000635	0.00166	0.000296
2087 Apr	0.00029	0.00105	0.122	0.00000924	1.68	3.65	0.0458	0.000364	12.2	0.00168	0.00968	0.000341	0.000227	0.000102	0.109	0.00000204	0.00012	0.000635	0.00167	0.000296
2087 May	0.000291	0.00105	0.123	0.00000925	1.69	3.66	0.0461	0.000363	12.2	0.00168	0.00969	0.000343	0.000227	0.000102	0.109	0.00000204	0.00012	0.000638	0.00167	0.000295
2087 Jun	0.000294	0.00105	0.124	0.00000923	1.68	3.65	0.0466	0.00036	12.1	0.00168	0.00968	0.000348	0.000227	0.000102	0.109	0.00000203	0.000119	0.000643	0.00167	0.00029
2087 Jul	0.000294	0.00105	0.124	0.00000926	1.69	3.66	0.0466	0.000361	12.1	0.00168	0.00971	0.000348	0.000227	0.000102	0.109	0.00000204	0.000119	0.000644	0.00167	0.000291
2087 Aug	0.000295	0.00105	0.124	0.00000929	1.69	3.67	0.0467	0.000362	12.1	0.00169	0.00974	0.000349	0.000228	0.000103	0.11	0.00000204	0.000119	0.000645	0.00167	0.000292
2087 Sep	0.000295	0.00105	0.124	0.00000931	1.69	3.67	0.0467	0.000363	12.1	0.00169	0.00975	0.000349	0.000228	0.000103	0.11	0.00000204	0.00012	0.000645	0.00168	0.000294
2087 Oct	0.000294	0.00105	0.124	0.00000931	1.69	3.67	0.0466	0.000363	12.1	0.00169	0.00975	0.000348	0.000227	0.000103	0.11	0.00000204	0.000119	0.000644	0.00167	0.000295
2087 Nov	0.000294	0.00105	0.124	0.00000931	1.69	3.67	0.0466	0.000363	12.1	0.00169	0.00975	0.000348	0.000227	0.000102	0.11	0.00000204	0.000119	0.000643	0.00167	0.000295
2087 Dec	0.000294	0.00105	0.124	0.00000931	1.69	3.67	0.0466	0.000364	12.1	0.00169	0.00975	0.000348	0.000227	0.000102	0.11	0.00000204	0.000119	0.000643	0.00167	0.000295
2088 Jan	0.000294	0.00105	0.124	0.00000931	1.69	3.67	0.0466	0.000364	12.1	0.00169	0.00975	0.000348	0.000227	0.000102	0.11	0.00000204	0.000119	0.000643	0.00167	0.000295
2088 Feb	0.000294	0.00105	0.124	0.00000931	1.69	3.67	0.0466	0.000364	12.1	0.00169	0.00975	0.000348	0.000227	0.000103	0.11	0.00000204	0.000119	0.000643	0.00167	0.000295
2088 Mar	0.000294	0.00105	0.124	0.00000931	1.69	3.67	0.0466	0.000364	12.1	0.00169	0.00975	0.000348	0.000227	0.000103	0.11	0.00000204	0.000119	0.000643	0.00167	0.000295
2088 Apr	0.000294	0.00105	0.124	0.00000931	1.69	3.67	0.0466	0.000364	12.1	0.00169	0.00976	0.000348	0.000227	0.000103	0.11	0.00000204	0.00012	0.000644	0.00167	0.000295
2088 May	0.000295	0.00106	0.125	0.00000933	1.69	3.68	0.0467	0.000364	12.1	0.00169	0.00977	0.000349	0.000228	0.000103	0.11	0.00000205	0.00012	0.000645	0.00168	0.000296
2088 Jun	0.000293	0.00105	0.124	0.00000932	1.68	3.64	0.0464	0.00036	12	0.00168	0.00975	0.000346	0.000227	0.000102	0.109	0.00000204	0.000119	0.000643	0.00168	0.000291
2088 Jul	0.000293	0.00105	0.124	0.00000936	1.68	3.64	0.0464	0.000361	12	0.00168	0.00978	0.000346	0.000228	0.000102	0.109	0.00000205	0.000119	0.000645	0.00169	0.000291
2088 Aug	0.000294	0.00105	0.125	0.00000941	1.69	3.66	0.0466	0.000362	12	0.00169	0.00983	0.000347	0.000229	0.000102	0.11	0.00000206	0.000119	0.000647	0.00169	0.000293
2088 Sep	0.000294	0.00106	0.125	0.00000942	1.69	3.66	0.0466	0.000363	12	0.00169	0.00984	0.000347	0.000229	0.000103	0.11	0.00000206	0.000119	0.000647	0.0017	0.000295
2088 Oct	0.000293	0.00105	0.124	0.0000094	1.69	3.65	0.0463	0.000364	11.9	0.00169	0.00982	0.000345	0.000228	0.000102	0.109	0.00000206	0.000119	0.000643	0.00169	0.000294
2088 Nov	0.000292	0.00105	0.124	0.0000094	1.68	3.65	0.0462	0.000364	11.9	0.00168	0.00982	0.000344	0.000228	0.000102	0.109	0.00000206	0.000119	0.000643	0.00169	0.000294
2088 Dec	0.000292	0.00105	0.124	0.0000094	1.68	3.65	0.0462	0.000364	11.9	0.00168	0.00982	0.000344	0.000228	0.000102	0.109	0.00000206	0.000119	0.000643	0.00169	0.000294
2089 Jan	0.000292	0.00105	0.124	0.0000094	1.68	3.65	0.0462	0.000364	11.9	0.00168	0.00982	0.000344	0.000228	0.000102	0.109	0.00000206	0.000119	0.000643	0.00169	0.000294
2089 Feb	0.000292	0.00105	0.124	0.0000094	1.68	3.65	0.0462	0.000364	11.9	0.00168	0.00982	0.000344	0.000228	0.000102	0.109	0.00000206	0.000119	0.000643	0.00169	0.000294
2089 Mar	0.000292	0.00105	0.124	0.0000094	1.68	3.65	0.0462	0.000364	11.9	0.00168	0.00982	0.000344	0.000228	0.000102	0.109	0.00000206	0.000119	0.000643	0.00169	0.000294
2089 Apr	0.000293	0.00105	0.124	0.0000094	1.69	3.65	0.0462	0.000364	11.9	0.00169	0.00983	0.000344	0.000228	0.000102	0.109	0.00000206	0.000119	0.000643	0.00169	0.000294
2089 May	0.000295	0.00106	0.125	0.00000941	1.69	3.66	0.0466	0.000363	11.9	0.00169	0.00984	0.000348	0.000228	0.000102	0.11	0.00000206	0.000119	0.000647	0.00169	0.000293
2089 Jun	0.000298	0.00106	0.126	0.00000941	1.69	3.66	0.0472	0.000361	11.8	0.00169	0.00985	0.000354	0.000228	0.000102	0.11	0.00000206	0.000118	0.000653	0.00169	0.000289
2089 Jul	0.000298	0.00106	0.126	0.00000944	1.69	3.66	0.0472	0.000362	11.8	0.00169	0.00987	0.000354	0.000228	0.000103	0.111	0.00000206	0.000118	0.000654	0.00169	0.000291
2089 Aug	0.000298	0.00106	0.127	0.00000947	1.7	3.67	0.0473	0.000363	11.9	0.00169	0.0099	0.000354	0.000229	0.000103	0.111	0.00000207	0.000119	0.000654	0.0017	0.000292

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Sep	0.000298	0.00106	0.126	0.00000948	1.69	3.67	0.0472	0.000364	11.8	0.00169	0.00991	0.000353	0.000228	0.000103	0.111	0.00000207	0.000119	0.000653	0.0017	0.000294
2089 Oct	0.000296	0.00106	0.126	0.00000945	1.69	3.65	0.0468	0.000364	11.8	0.00169	0.00988	0.00035	0.000227	0.000102	0.11	0.00000206	0.000118	0.000648	0.00169	0.000294
2089 Nov	0.000296	0.00106	0.126	0.00000945	1.69	3.65	0.0468	0.000364	11.7	0.00168	0.00988	0.00035	0.000226	0.000102	0.11	0.00000206	0.000118	0.000648	0.00169	0.000294
2089 Dec	0.000296	0.00106	0.126	0.00000945	1.69	3.65	0.0468	0.000364	11.7	0.00168	0.00988	0.00035	0.000226	0.000102	0.11	0.00000206	0.000118	0.000648	0.00169	0.000294
2090 Jan	0.000296	0.00106	0.126	0.00000945	1.69	3.65	0.0468	0.000364	11.7	0.00168	0.00988	0.00035	0.000226	0.000102	0.11	0.00000206	0.000118	0.000648	0.00169	0.000294
2090 Feb	0.000296	0.00106	0.126	0.00000945	1.69	3.65	0.0468	0.000364	11.7	0.00168	0.00988	0.00035	0.000226	0.000102	0.11	0.00000206	0.000118	0.000648	0.00169	0.000294
2090 Mar	0.000296	0.00106	0.126	0.00000946	1.69	3.65	0.0468	0.000364	11.7	0.00168	0.00989	0.00035	0.000226	0.000102	0.11	0.00000206	0.000118	0.000648	0.00169	0.000294
2090 Apr	0.000296	0.00106	0.126	0.00000946	1.69	3.65	0.0468	0.000364	11.8	0.00169	0.00989	0.00035	0.000227	0.000102	0.11	0.00000206	0.000118	0.000648	0.00169	0.000294
2090 May	0.000297	0.00106	0.126	0.00000947	1.69	3.66	0.0469	0.000365	11.8	0.00169	0.0099	0.000351	0.000227	0.000102	0.11	0.00000206	0.000118	0.000649	0.00169	0.000295
2090 Jun	0.000299	0.00106	0.127	0.00000944	1.68	3.65	0.0474	0.000359	11.6	0.00168	0.00987	0.000356	0.000226	0.000102	0.11	0.00000205	0.000117	0.000655	0.00169	0.000293
2090 Jul	0.0003	0.00106	0.127	0.00000947	1.68	3.65	0.0475	0.00036	11.6	0.00168	0.00989	0.000357	0.000227	0.000102	0.111	0.00000206	0.000117	0.000656	0.00169	0.000293
2090 Aug	0.000298	0.00105	0.127	0.00000946	1.68	3.64	0.0472	0.00036	11.5	0.00168	0.00988	0.000354	0.000226	0.000102	0.11	0.00000206	0.000116	0.000652	0.00169	0.000293
2090 Sep	0.000296	0.00105	0.126	0.00000945	1.67	3.62	0.0469	0.00036	11.4	0.00167	0.00986	0.000351	0.000224	0.000101	0.11	0.00000205	0.000116	0.000647	0.00168	0.000293
2090 Oct	0.000294	0.00105	0.125	0.00000942	1.66	3.6	0.0465	0.000361	11.3	0.00166	0.00984	0.000348	0.000222	0.000101	0.109	0.00000204	0.000115	0.000642	0.00167	0.000292
2090 Nov	0.000294	0.00105	0.125	0.00000942	1.66	3.59	0.0463	0.000361	11.3	0.00166	0.00983	0.000347	0.000222	0.0001	0.109	0.00000204	0.000115	0.000641	0.00167	0.000292
2090 Dec	0.000294	0.00105	0.125	0.00000942	1.66	3.59	0.0463	0.000361	11.3	0.00166	0.00983	0.000347	0.000222	0.0001	0.109	0.00000204	0.000115	0.000641	0.00167	0.000292
2091 Jan	0.000294	0.00105	0.125	0.00000942	1.66	3.59	0.0464	0.000361	11.3	0.00166	0.00983	0.000347	0.000222	0.0001	0.109	0.00000204	0.000115	0.000641	0.00167	0.000292
2091 Feb	0.000294	0.00105	0.125	0.00000942	1.66	3.59	0.0464	0.000361	11.3	0.00166	0.00983	0.000347	0.000222	0.0001	0.109	0.00000204	0.000115	0.000641	0.00167	0.000292
2091 Mar	0.000294	0.00105	0.125	0.00000942	1.66	3.6	0.0464	0.000361	11.3	0.00166	0.00983	0.000347	0.000222	0.0001	0.109	0.00000204	0.000115	0.000641	0.00167	0.000292
2091 Apr	0.000294	0.00105	0.125	0.00000942	1.66	3.6	0.0464	0.000362	11.3	0.00166	0.00984	0.000347	0.000222	0.0001	0.109	0.00000204	0.000115	0.000641	0.00167	0.000292
2091 May	0.000295	0.00105	0.126	0.00000944	1.66	3.61	0.0466	0.000362	11.3	0.00166	0.00986	0.000349	0.000222	0.000101	0.11	0.00000205	0.000115	0.000644	0.00167	0.000292
2091 Jun	0.000299	0.00105	0.127	0.00000942	1.66	3.6	0.0473	0.000357	11.2	0.00166	0.00985	0.000357	0.000222	0.000101	0.11	0.00000204	0.000114	0.000651	0.00167	0.000286
2091 Jul	0.0003	0.00105	0.127	0.00000946	1.67	3.61	0.0475	0.000359	11.2	0.00166	0.00989	0.000358	0.000223	0.000101	0.11	0.00000205	0.000115	0.000654	0.00168	0.000288
2091 Aug	0.000299	0.00105	0.127	0.00000947	1.67	3.61	0.0473	0.000359	11.2	0.00166	0.00989	0.000356	0.000222	0.000101	0.11	0.00000205	0.000115	0.000651	0.00168	0.000289
2091 Sep	0.000298	0.00105	0.127	0.00000947	1.66	3.6	0.0471	0.00036	11.2	0.00166	0.00988	0.000354	0.000221	0.000101	0.11	0.00000205	0.000114	0.000648	0.00167	0.00029
2091 Oct	0.000297	0.00105	0.126	0.00000946	1.66	3.59	0.0469	0.00036	11.1	0.00166	0.00987	0.000353	0.00022	0.0001	0.11	0.00000204	0.000114	0.000646	0.00167	0.00029
2091 Nov	0.000296	0.00105	0.126	0.00000945	1.65	3.58	0.0467	0.000361	11.1	0.00165	0.00986	0.000351	0.000219	0.0001	0.11	0.00000204	0.000114	0.000643	0.00166	0.00029
2091 Dec	0.000296	0.00105	0.126	0.00000945	1.65	3.58	0.0467	0.000361	11.1	0.00165	0.00986	0.000351	0.000219	0.0001	0.11	0.00000204	0.000114	0.000643	0.00166	0.00029
2092 Jan	0.000296	0.00105	0.126	0.00000945	1.65	3.58	0.0467	0.000361	11.1	0.00165	0.00986	0.000351	0.000219	0.0001	0.11	0.00000204	0.000114	0.000643	0.00166	0.00029
2092 Feb	0.000296	0.00105	0.126	0.00000945	1.65	3.58	0.0467	0.000361	11.1	0.00165	0.00986	0.000351	0.000219	0.0001	0.11	0.00000204	0.000114	0.000643	0.00166	0.00029
2092 Mar	0.000296	0.00105	0.126	0.00000945	1.66	3.58	0.0468	0.000361	11.1	0.00165	0.00986	0.000351	0.00022	0.0001	0.11	0.00000204	0.000114	0.000643	0.00166	0.00029
2092 Apr	0.000296	0.00105	0.126	0.00000945	1.66	3.59	0.0468	0.000361	11.1	0.00165	0.00986	0.000351	0.00022	0.0001	0.11	0.00000204	0.000114	0.000644	0.00166	0.00029
2092 May	0.000298	0.00105	0.127	0.00000946	1.66	3.6	0.0471	0.000361	11.1	0.00166	0.00988	0.000354	0.00022	0.0001	0.11	0.00000204	0.000114	0.000647	0.00167	0.000291
2092 Jun	0.000301	0.00104	0.127	0.00000941	1.65	3.58	0.0477	0.000354	10.9	0.00164	0.00983	0.00036	0.000219	0.0001	0.11	0.00000203	0.000112	0.000653	0.00166	0.000285
2092 Jul	0.0003	0.00104	0.127	0.00000942	1.65	3.57	0.0476	0.000353	10.8	0.00164	0.00983	0.00036	0.000219	0.0000998	0.11	0.00000203	0.000112	0.000653	0.00166	0.000285
2092 Aug	0.000301	0.00105	0.128	0.00000946	1.65	3.58	0.0477	0.000355	10.9	0.00165	0.00987	0.00036	0.00022	0.0001	0.11	0.00000203	0.000112	0.000654	0.00167	0.000287
2092 Sep	0.0003	0.00105	0.128	0.00000946	1.65	3.58	0.0476	0.000356	10.8	0.00165	0.00987	0.000359	0.000219	0.0001	0.11	0.00000203	0.000112	0.000652	0.00167	0.00029
2092 Oct	0.0003	0.00105	0.127	0.00000946	1.65	3.58	0.0474	0.000356	10.8	0.00165	0.00986	0.000358	0.000219	0.0001	0.11	0.00000203	0.000112	0.000651	0.00166	0.000291
2092 Nov	0.0003	0.00105	0.127	0.00000946	1.65	3.58	0.0474	0.000356	10.8	0.00165	0.00986	0.000358	0.000219	0.0001	0.11	0.00000203	0.000112	0.000651	0.00166	0.000292
2092 Dec	0.0003	0.00105	0.127	0.00000946	1.65	3.58	0.0474	0.000356	10.8	0.00165	0.00986	0.000358	0.000219	0.0001	0.11	0.00000203	0.000112	0.000651	0.00166	0.000292
2093 Jan	0.0003	0.00105	0.127	0.00000946	1.65	3.58	0.0474	0.000356	10.8	0.00165	0.00986	0.000358	0.000219	0.0001	0.11	0.00000203	0.000112	0.000651	0.00166	0.000292
2093 Feb	0.0003	0.00105	0.127	0.00000946	1.65	3.58	0.0474	0.000356	10.8	0.00165	0.00986	0.000358	0.000219	0.0001	0.11	0.00000203	0.000112	0.000651	0.00166	0.000292
2093 Mar	0.0003	0.00105	0.127	0.00000946	1.65	3.58	0.0474	0.000356	10.8	0.00165	0.00987	0.000358	0.000219	0.0001	0.11	0.00000203	0.000112	0.000651	0.00166	0.000292
2093 Apr	0.0003	0.00105	0.127	0.00000947	1.65	3.58	0.0475	0.000357	10.8	0.00165	0.00987	0.000358	0.000219	0.0001	0.11	0.00000203	0.000112	0.000651	0.00166	0.000293
2093 May	0.000301	0.00105	0.128	0.00000948	1.65	3.59	0.0477	0.000357	10.8	0.00165	0.00989	0.00036	0.00022	0.0001	0.11	0.00000204	0.000112	0.000654	0.00167	0.000293
2093 Jun	0.000304	0.00105	0.129	0.00000945	1.65	3.58	0.0482	0.000353	10.7	0.00164	0.00987	0.000366	0.000219	0.0001	0.111	0.00000203	0.000111	0.000659	0.00166	0.000288
2093 Jul	0.000305	0.00105	0.129	0.00000949	1.65	3.59	0.0483	0.000353	10.7	0.00165	0.0099	0.000366	0.00022	0.0001	0.111	0.00000204	0.000111	0.000661	0.00167	0.000289
2093 Aug	0.000305	0.00105	0.129	0.00000952	1.66	3.6	0.0484	0.000354	10.7	0.00165	0.00993	0.000367	0.00022	0.000101	0.111	0.00000204	0.000112	0.000661	0.00167	0.00029
2093 Sep	0.000305	0.00105	0.129	0.00000952	1.66	3.6	0.0483	0.000355	10.7	0.00165	0.00993	0.000366	0.00022	0.0001	0.111	0.00000204	0.000112	0.00066	0.00167	0.000292
2093 Oct	0.000302	0.00105	0.128	0.0000095	1.65	3.58	0.0479	0.000356	10.6	0.00164	0.0099	0.000362	0.000218	0.0000999	0.111	0.00000203	0.000111	0.000655	0.00166	0.000291
2093 Nov	0.000302	0.00105	0.128	0.00000949	1.64	3.57	0.0477	0.000356	10.6	0.00164	0.0099	0.000361	0.000217	0.0000997	0.11	0.00000203	0.000111	0.000653	0.00166	0.000291
2093 Dec	0.000302	0.00105	0.128	0.00000949	1.65	3.57	0.0477	0.000356	10.6	0.00164	0.0099	0.000361	0.000217	0.0000997	0.11	0.00000203	0.000111	0.000653	0.00166	0.000291
2094 Jan	0.000302	0.00105	0.128	0.00000949	1.65	3.57	0.0477	0.000356	10.6	0.00164	0.0099	0.000361	0.000217	0.0000997	0.11	0.00000203	0.000111	0.000653	0.00166	0.000291
2094 Feb	0.000302	0.00105	0.128	0.00000949	1.65	3.57	0.0477	0.000356	10.6	0.00164	0.0099	0.000361	0.000217	0.0000997	0.11	0.00000203	0.000111	0.000653	0.00166	0.000291
2094 Mar	0.000302	0.00105	0.128	0.00000949	1.65	3.57	0.0477	0.000356	10.6	0.00164	0.0099	0.000361	0.000217	0.0000997	0.11	0.00000203	0.000111	0.000653	0.00166	0.000291
2094 Apr	0.000302	0.00105	0.128	0.0000095	1.65	3.57	0.0477	0.000356	10.6	0.00164	0.00991	0.000361	0.000217	0.0000997	0.11	0.00000203	0.000111	0.000654	0.00166	0.000292
2094 May	0.000304	0.00105	0.129	0.0000095	1.65	3.58	0.0481	0.000356	10.6	0.00164	0.00991	0.000364	0.000218	0.0000999	0.111	0.00000203	0.000111	0.000657	0.00166	0.000291
2094 Jun	0.000307	0.00105	0.13	0.0000095	1.65	3.59	0.0487	0.000354	10.5	0.00164	0.00992	0.00037	0.000218	0.0001	0.111	0.00000203	0.00011	0.000663	0.00166	0.00029
2094 Jul	0.000308	0.00105	0.13	0.00000955	1.66	3.6	0.0489	0.000355	10.6	0.00165	0.00997	0.000371	0.000219	0.000101	0.112	0.00000204	0.000111	0.000666	0.00167	0.000292
2094 Aug	0.00031	0.00106	0.131	0.0000096	1.67	3.62	0.0491	0.000357	10.6	0.00166	0.01	0.000373	0.00022	0.000101	0.112	0.00000205	0.000111	0.000669	0.00168	0.000294
2094 Sep	0.000309	0.00106	0.131	0.0000096	1.66	3.62	0.0489	0.000358	10.6	0.00166	0.01	0.000372	0.000219	0.000101	0.112	0.00000205	0.000111	0.000667	0.00168	0.000296
2094 Oct	0.000308	0.00106	0.13	0.00000959	1.66	3.61	0.0487	0.000359	10.5	0.00165	0.01	0.000369	0.000218	0.000101	0.112	0.00000205	0.000111	0.000664	0.00167	0.000297
2094 Nov	0.000306	0.00106	0.13	0.00000957	1.65	3.6	0.0484	0.000359	10.5	0.00165	0.00999	0.000367	0.000217	0.0001	0.112	0.00000204	0.000111	0.000661	0.00167	0.000297
2094 Dec	0.000306	0.00106	0.13	0.00000957	1.65	3.59	0.0484	0.000359	10.5	0.00165	0.00999	0.000367	0.000217	0.0001	0.112	0.00000204	0.000111	0.00066	0.00167	0.000298
2095 Jan	0.000306	0.00106	0.13	0.00000957	1.65	3.59	0.0484	0.000359	10.5	0.00165	0.00999	0.000367	0.000217	0.0001	0.112	0.00000204	0.000111	0.00066	0.00167	0.000298
2095 Feb	0.000306	0.00106	0.13	0.00000957	1.65	3.59	0.0484	0.000359	10.5	0.00165	0.00999	0.000367	0.000217	0.0001	0.112	0.00000204	0.000111	0.00066	0.00167	0.000298
2095 Mar	0.000306	0.00106	0.13	0.00000957	1.65	3.59	0.0484	0.000359	10.5	0.00165	0.00999	0.000367	0.000217	0.0001	0.112	0.00000204	0.000111	0.000661	0.00167	0.000298

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.000306	0.00106	0.13	0.00000958	1.65	3.6	0.0484	0.000359	10.5	0.00165	0.01	0.000367	0.000217	0.0001	0.112	0.00000204	0.000111	0.000661	0.00167	0.000298
2095 May	0.000308	0.00106	0.131	0.00000958	1.66	3.6	0.0488	0.000359	10.5	0.00165	0.01	0.00037	0.000217	0.0001	0.112	0.00000204	0.000111	0.000664	0.00167	0.000296
2095 Jun	0.000311	0.00106	0.131	0.00000959	1.66	3.61	0.0492	0.000358	10.5	0.00165	0.01	0.000375	0.000218	0.000101	0.113	0.00000205	0.000111	0.000669	0.00167	0.000294
2095 Jul	0.000312	0.00106	0.132	0.00000965	1.67	3.63	0.0494	0.000359	10.5	0.00166	0.0101	0.000376	0.000219	0.000101	0.113	0.00000206	0.000111	0.000672	0.00168	0.000296
2095 Aug	0.000311	0.00106	0.132	0.00000965	1.67	3.62	0.0493	0.000359	10.5	0.00166	0.0101	0.000375	0.000218	0.000101	0.113	0.00000206	0.000111	0.00067	0.00168	0.000296
2095 Sep	0.000311	0.00106	0.132	0.00000965	1.66	3.62	0.0491	0.00036	10.5	0.00166	0.0101	0.000374	0.000217	0.000101	0.113	0.00000206	0.000111	0.000668	0.00168	0.000297
2095 Oct	0.00031	0.00106	0.132	0.00000966	1.66	3.62	0.0491	0.000361	10.4	0.00166	0.0101	0.000373	0.000217	0.000101	0.113	0.00000206	0.000111	0.000667	0.00167	0.000299
2095 Nov	0.00031	0.00106	0.131	0.00000965	1.66	3.61	0.0489	0.000361	10.4	0.00165	0.0101	0.000372	0.000217	0.000101	0.112	0.00000205	0.000111	0.000665	0.00167	0.000299
2095 Dec	0.000309	0.00106	0.131	0.00000965	1.66	3.61	0.0489	0.000361	10.4	0.00165	0.0101	0.000372	0.000217	0.000101	0.112	0.00000205	0.000111	0.000665	0.00167	0.000299
2096 Jan	0.000309	0.00106	0.131	0.00000965	1.66	3.61	0.0489	0.000361	10.4	0.00165	0.0101	0.000372	0.000217	0.000101	0.112	0.00000205	0.000111	0.000665	0.00167	0.000299
2096 Feb	0.000309	0.00106	0.131	0.00000965	1.66	3.61	0.0489	0.000361	10.4	0.00165	0.0101	0.000372	0.000217	0.000101	0.112	0.00000205	0.000111	0.000665	0.00167	0.000299
2096 Mar	0.00031	0.00106	0.131	0.00000965	1.66	3.61	0.0489	0.000361	10.4	0.00165	0.0101	0.000372	0.000217	0.000101	0.112	0.00000205	0.000111	0.000665	0.00167	0.000299
2096 Apr	0.00031	0.00106	0.131	0.00000965	1.66	3.61	0.049	0.000361	10.4	0.00165	0.0101	0.000372	0.000217	0.000101	0.113	0.00000205	0.000111	0.000665	0.00167	0.000299
2096 May	0.000311	0.00106	0.132	0.00000966	1.66	3.62	0.0492	0.000361	10.4	0.00166	0.0101	0.000374	0.000217	0.000101	0.113	0.00000206	0.000111	0.000668	0.00167	0.000301
2096 Jun	0.000311	0.00106	0.132	0.00000961	1.65	3.59	0.0492	0.000355	10.2	0.00164	0.01	0.000375	0.000216	0.0001	0.112	0.00000204	0.000109	0.000669	0.00167	0.000297
2096 Jul	0.000311	0.00106	0.132	0.00000964	1.65	3.59	0.0493	0.000355	10.2	0.00165	0.01	0.000376	0.000217	0.0001	0.112	0.00000205	0.000109	0.000671	0.00168	0.000297
2096 Aug	0.000312	0.00106	0.132	0.00000968	1.66	3.6	0.0494	0.000356	10.3	0.00165	0.0101	0.000377	0.000218	0.000101	0.113	0.00000205	0.00011	0.000673	0.00168	0.000299
2096 Sep	0.000311	0.00106	0.132	0.00000968	1.66	3.6	0.0493	0.000357	10.2	0.00165	0.0101	0.000375	0.000217	0.0001	0.113	0.00000205	0.000109	0.00067	0.00168	0.000299
2096 Oct	0.000309	0.00106	0.131	0.00000966	1.65	3.58	0.0489	0.000358	10.2	0.00164	0.0101	0.000372	0.000215	0.0000998	0.112	0.00000205	0.000109	0.000666	0.00167	0.0003
2096 Nov	0.000309	0.00106	0.131	0.00000966	1.65	3.58	0.0488	0.000358	10.1	0.00164	0.0101	0.000371	0.000215	0.0000997	0.112	0.00000205	0.000109	0.000665	0.00167	0.0003
2096 Dec	0.000309	0.00106	0.131	0.00000966	1.65	3.58	0.0488	0.000358	10.1	0.00164	0.0101	0.000371	0.000215	0.0000997	0.112	0.00000205	0.000109	0.000665	0.00167	0.0003
2097 Jan	0.000309	0.00106	0.131	0.00000966	1.65	3.58	0.0488	0.000358	10.1	0.00164	0.0101	0.000371	0.000215	0.0000997	0.112	0.00000205	0.000109	0.000665	0.00167	0.0003
2097 Feb	0.000309	0.00106	0.131	0.00000966	1.65	3.58	0.0488	0.000358	10.1	0.00164	0.0101	0.000371	0.000215	0.0000997	0.112	0.00000205	0.000109	0.000665	0.00167	0.0003
2097 Mar	0.000309	0.00106	0.131	0.00000966	1.65	3.58	0.0488	0.000358	10.1	0.00164	0.0101	0.000371	0.000215	0.0000997	0.112	0.00000205	0.000109	0.000665	0.00167	0.0003
2097 Apr	0.000309	0.00106	0.131	0.00000967	1.65	3.58	0.0489	0.000359	10.2	0.00164	0.0101	0.000372	0.000215	0.0000998	0.112	0.00000205	0.000109	0.000665	0.00167	0.0003
2097 May	0.00031	0.00106	0.132	0.00000968	1.65	3.59	0.0491	0.000359	10.2	0.00165	0.0101	0.000374	0.000216	0.0001	0.112	0.00000205	0.000109	0.000668	0.00167	0.0003
2097 Jun	0.000313	0.00106	0.133	0.00000967	1.65	3.59	0.0495	0.000356	10.1	0.00164	0.0101	0.000378	0.000216	0.0001	0.113	0.00000205	0.000109	0.000673	0.00167	0.000296
2097 Jul	0.000314	0.00106	0.133	0.00000972	1.66	3.6	0.0497	0.000358	10.1	0.00165	0.0101	0.000379	0.000216	0.0001	0.113	0.00000206	0.000109	0.000675	0.00168	0.000297
2097 Aug	0.000314	0.00107	0.133	0.00000975	1.66	3.61	0.0498	0.000359	10.1	0.00165	0.0102	0.00038	0.000217	0.000101	0.113	0.00000206	0.000109	0.000676	0.00169	0.000299
2097 Sep	0.000314	0.00107	0.133	0.00000976	1.66	3.61	0.0498	0.000359	10.2	0.00166	0.0102	0.00038	0.000217	0.000101	0.114	0.00000207	0.000109	0.000676	0.00169	0.0003
2097 Oct	0.000314	0.00107	0.133	0.00000976	1.66	3.61	0.0497	0.00036	10.1	0.00165	0.0102	0.000379	0.000217	0.000101	0.113	0.00000207	0.000109	0.000675	0.00169	0.0003
2097 Nov	0.000314	0.00107	0.133	0.00000976	1.66	3.6	0.0496	0.00036	10.1	0.00165	0.0102	0.000378	0.000216	0.000101	0.113	0.00000206	0.000109	0.000674	0.00168	0.0003
2097 Dec	0.000314	0.00107	0.133	0.00000976	1.66	3.6	0.0496	0.00036	10.1	0.00165	0.0102	0.000378	0.000216	0.000101	0.113	0.00000206	0.000109	0.000674	0.00168	0.000301
2098 Jan	0.000314	0.00107	0.133	0.00000976	1.66	3.61	0.0496	0.00036	10.1	0.00165	0.0102	0.000378	0.000216	0.000101	0.113	0.00000206	0.000109	0.000674	0.00168	0.000301
2098 Feb	0.000314	0.00107	0.133	0.00000976	1.66	3.61	0.0496	0.00036	10.1	0.00165	0.0102	0.000378	0.000216	0.000101	0.113	0.00000206	0.000109	0.000674	0.00168	0.000301
2098 Mar	0.000314	0.00107	0.133	0.00000976	1.66	3.61	0.0496	0.00036	10.1	0.00165	0.0102	0.000378	0.000216	0.000101	0.113	0.00000206	0.000109	0.000674	0.00168	0.000301
2098 Apr	0.000314	0.00107	0.133	0.00000976	1.66	3.61	0.0496	0.00036	10.1	0.00165	0.0102	0.000378	0.000216	0.000101	0.113	0.00000206	0.000109	0.000675	0.00168	0.000301
2098 May	0.000317	0.00107	0.134	0.00000976	1.67	3.62	0.0502	0.000359	10.1	0.00166	0.0102	0.000383	0.000217	0.000101	0.114	0.00000206	0.000109	0.00068	0.00169	0.000299
2098 Jun	0.00032	0.00106	0.135	0.0000097	1.66	3.6	0.0507	0.000353	9.97	0.00164	0.0101	0.000389	0.000215	0.0001	0.114	0.00000205	0.000108	0.000685	0.00168	0.000291
2098 Jul	0.000321	0.00107	0.135	0.00000975	1.66	3.61	0.0509	0.000354	10	0.00165	0.0102	0.00039	0.000216	0.000101	0.115	0.00000206	0.000108	0.000688	0.00169	0.000292
2098 Aug	0.00032	0.00107	0.135	0.00000977	1.67	3.61	0.0508	0.000355	9.99	0.00165	0.0102	0.00039	0.000216	0.000101	0.115	0.00000206	0.000108	0.000687	0.00169	0.000293
2098 Sep	0.000318	0.00107	0.135	0.00000974	1.66	3.6	0.0504	0.000356	9.93	0.00164	0.0102	0.000386	0.000215	0.0001	0.114	0.00000206	0.000108	0.000681	0.00168	0.000293
2098 Oct	0.000316	0.00106	0.134	0.00000972	1.65	3.58	0.05	0.000356	9.86	0.00164	0.0101	0.000383	0.000213	0.0000997	0.113	0.00000205	0.000107	0.000676	0.00167	0.000294
2098 Nov	0.000316	0.00106	0.134	0.00000971	1.65	3.57	0.0499	0.000357	9.85	0.00163	0.0101	0.000382	0.000212	0.0000995	0.113	0.00000205	0.000107	0.000675	0.00167	0.000294
2098 Dec	0.000316	0.00106	0.134	0.00000971	1.65	3.57	0.0499	0.000357	9.85	0.00164	0.0101	0.000382	0.000212	0.0000995	0.113	0.00000205	0.000107	0.000675	0.00167	0.000294
2099 Jan	0.000316	0.00106	0.134	0.00000971	1.65	3.57	0.0499	0.000357	9.85	0.00164	0.0101	0.000382	0.000212	0.0000995	0.113	0.00000205	0.000107	0.000675	0.00167	0.000294
2099 Feb	0.000316	0.00106	0.134	0.00000971	1.65	3.57	0.0499	0.000357	9.85	0.00164	0.0101	0.000382	0.000212	0.0000995	0.113	0.00000205	0.000107	0.000675	0.00167	0.000294
2099 Mar	0.000316	0.00106	0.134	0.00000972	1.65	3.57	0.0499	0.000357	9.85	0.00164	0.0101	0.000382	0.000213	0.0000995	0.113	0.00000205	0.000107	0.000675	0.00167	0.000294
2099 Apr	0.000316	0.00106	0.134	0.00000972	1.65	3.58	0.05	0.000357	9.86	0.00164	0.0102	0.000382	0.000213	0.0000996	0.113	0.00000205	0.000107	0.000676	0.00167	0.000294
2099 May	0.000323	0.00107	0.136	0.00000971	1.66	3.6	0.0512	0.000354	9.83	0.00164	0.0102	0.00039	0.000213	0.0000999	0.115	0.00000204	0.000107	0.000687	0.00167	0.00029
2099 Jun	0.000324	0.00106	0.136	0.00000969	1.66	3.6	0.0514	0.000352	9.77	0.00164	0.0102	0.000392	0.000212	0.0000998	0.115	0.00000204	0.000106	0.000689	0.00167	0.000288
2099 Jul	0.000325	0.00107	0.136	0.00000974	1.66	3.61	0.0515	0.000354	9.8	0.00164	0.0102	0.000393	0.000213	0.0001	0.115	0.00000205	0.000107	0.000691	0.00167	0.000289
2099 Aug	0.000325	0.00107	0.137	0.00000978	1.67	3.62	0.0516	0.000355	9.82	0.00165	0.0102	0.000394	0.000214	0.0001	0.116	0.00000206	0.000107	0.000693	0.00168	0.000291
2099 Sep	0.000324	0.00107	0.136	0.00000977	1.66	3.61	0.0514	0.000356	9.79	0.00164	0.0102	0.000392	0.000213	0.0001	0.115	0.00000205	0.000107	0.00069	0.00167	0.000292
2099 Oct	0.000323	0.00107	0.136	0.00000975	1.66	3.6	0.0512	0.000356	9.75	0.00164	0.0102	0.000389	0.000212	0.0000998	0.115	0.00000205	0.000106	0.000686	0.00167	0.000292
2099 Nov	0.000322	0.00107	0.136	0.00000974	1.66	3.59	0.051	0.000356	9.73	0.00164	0.0102	0.000388	0.000211	0.0000996	0.115	0.00000205	0.000106	0.000685	0.00167	0.000292
2099 Dec	0.000322	0.00107	0.136	0.00000974	1.66	3.59	0.051	0.000356	9.73	0.00164	0.0102	0.000388	0.000211	0.0000996	0.115	0.00000205	0.000106	0.000685	0.00167	0.000292
2100 Jan	0.000322	0.00107	0.136	0.00000974	1.66	3.59	0.051	0.000356	9.73	0.00164	0.0102	0.000388	0.000211	0.0000996	0.115	0.00000205	0.000106	0.000685	0.00167	0.000292
2100 Feb	0.000322	0.00107	0.136	0.00000974	1.66	3.59	0.051	0.000356	9.73	0.00164	0.0102	0.000388	0.000211	0.0000996	0.115	0.00000205	0.000106	0.000685	0.00167	0.000292
2100 Mar	0.000322	0.00107	0.136	0.00000975	1.66	3.59	0.051	0.000356	9.73	0.00164	0.0102	0.000388	0.000211	0.0000996	0.115	0.00000205	0.000106	0.000685	0.00167	0.000292
2100 Apr	0.000322	0.00107	0.136	0.00000975	1.66	3.59	0.051	0.000357	9.73	0.00164	0.0102	0.000388	0.000211	0.0000996	0.115	0.00000205	0.000106	0.000685	0.00167	0.000292
2100 May	0.000325	0.00107	0.137	0.00000976	1.66	3.61	0.0515	0.000356	9.72	0.00164	0.0102	0.000393	0.000212	0.0001	0.115	0.00000205	0.000106	0.00069	0.00167	0.000292
2100 Jun	0.000327	0.00106	0.137	0.00000971	1.65	3.59	0.0519	0.000351	9.6	0.00163	0.0102	0.000397	0.000211	0.0000996	0.115	0.00000204	0.000105	0.000694	0.00166	0.000286
2100 Jul	0.000326	0.00106	0.137	0.00000972	1.65	3.59	0.0518	0.000351	9.59	0.00163	0.0102	0.000397	0.000211	0.0000996	0.115	0.00000204	0.000105	0.000694	0.00167	0.000287
2100 Aug	0.000325	0.00106	0.137	0.00000973	1.65	3.58	0.0517	0.000351	9.56	0.00163	0.0102	0.000395	0.00021	0.0000994	0.115	0.00000204	0.000105	0.000691	0.00166	0.000287
2100 Sep	0.000325	0.00106	0.137	0.00000973	1.65	3.58	0.0515	0.000351	9.54	0.00163	0.0102	0.000394	0.00021	0.0000993	0.115	0.00000204	0.000105	0.000689	0.00166	0.000288
2100 Oct	0.000324	0.00106	0.136	0.00000973	1.65	3.57	0.0515	0.000352	9.53	0.00163	0.0102	0.000393	0.00021	0.0000992	0.115	0.00000204	0.000105	0.000689	0.00166	0.000289

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2100 Nov	0.000324	0.00106	0.136	0.00000973	1.65	3.57	0.0515	0.000352	9.53	0.00163	0.0102	0.000393	0.00021	0.0000992	0.115	0.00000204	0.000105	0.000689	0.00166	0.000289
2100 Dec	0.000324	0.00106	0.136	0.00000973	1.65	3.58	0.0515	0.000352	9.53	0.00163	0.0102	0.000393	0.00021	0.0000992	0.115	0.00000204	0.000105	0.000689	0.00166	0.000289
2101 Jan	0.000324	0.00106	0.136	0.00000973	1.65	3.58	0.0515	0.000352	9.53	0.00163	0.0102	0.000393	0.00021	0.0000992	0.115	0.00000204	0.000105	0.000689	0.00166	0.000289
2101 Feb	0.000324	0.00106	0.136	0.00000973	1.65	3.58	0.0515	0.000352	9.53	0.00163	0.0102	0.000393	0.00021	0.0000993	0.115	0.00000204	0.000105	0.000689	0.00166	0.000289
2101 Mar	0.000324	0.00106	0.136	0.00000973	1.65	3.58	0.0515	0.000352	9.54	0.00163	0.0102	0.000393	0.00021	0.0000993	0.115	0.00000204	0.000105	0.000689	0.00166	0.000289
2101 Apr	0.000324	0.00106	0.137	0.00000974	1.65	3.58	0.0515	0.000352	9.54	0.00163	0.0102	0.000393	0.00021	0.0000993	0.115	0.00000204	0.000105	0.000689	0.00166	0.000289
2101 May	0.000327	0.00107	0.137	0.00000974	1.65	3.59	0.0519	0.000351	9.53	0.00163	0.0102	0.000398	0.00021	0.0000995	0.115	0.00000204	0.000105	0.000693	0.00166	0.000287
2101 Jun	0.000329	0.00106	0.138	0.00000972	1.65	3.58	0.0522	0.000348	9.46	0.00163	0.0102	0.000401	0.00021	0.0000994	0.116	0.00000203	0.000104	0.000697	0.00166	0.000284
2101 Jul	0.00033	0.00107	0.138	0.00000976	1.66	3.59	0.0524	0.000349	9.49	0.00163	0.0102	0.000402	0.000211	0.0000998	0.116	0.00000204	0.000104	0.0007	0.00167	0.000285
2101 Aug	0.000331	0.00107	0.139	0.0000098	1.66	3.61	0.0526	0.000351	9.52	0.00164	0.0103	0.000404	0.000211	0.0001	0.116	0.00000205	0.000105	0.000702	0.00168	0.000287
2101 Sep	0.00033	0.00107	0.138	0.0000098	1.66	3.6	0.0524	0.000351	9.49	0.00163	0.0102	0.000402	0.000211	0.0000999	0.116	0.00000205	0.000104	0.000699	0.00167	0.000287
2101 Oct	0.000329	0.00107	0.138	0.00000979	1.66	3.59	0.0523	0.000352	9.47	0.00163	0.0102	0.000401	0.00021	0.0000998	0.116	0.00000205	0.000104	0.000697	0.00167	0.000289
2101 Nov	0.000328	0.00107	0.138	0.00000978	1.65	3.59	0.0521	0.000352	9.45	0.00163	0.0102	0.000399	0.00021	0.0000995	0.116	0.00000205	0.000104	0.000695	0.00167	0.000289
2101 Dec	0.000328	0.00107	0.138	0.00000978	1.65	3.59	0.0521	0.000352	9.45	0.00163	0.0102	0.000399	0.000209	0.0000995	0.116	0.00000205	0.000104	0.000695	0.00167	0.000289
2102 Jan	0.000328	0.00107	0.138	0.00000978	1.65	3.59	0.0521	0.000352	9.45	0.00163	0.0102	0.000399	0.000209	0.0000995	0.116	0.00000205	0.000104	0.000695	0.00167	0.000289
2102 Feb	0.000328	0.00107	0.138	0.00000978	1.65	3.59	0.0521	0.000352	9.45	0.00163	0.0102	0.000399	0.000209	0.0000995	0.116	0.00000205	0.000104	0.000695	0.00167	0.000289
2102 Mar	0.000328	0.00107	0.138	0.00000978	1.65	3.59	0.0521	0.000352	9.45	0.00163	0.0102	0.000399	0.000209	0.0000995	0.116	0.00000205	0.000104	0.000695	0.00167	0.000289
2102 Apr	0.000328	0.00107	0.138	0.00000979	1.65	3.59	0.0521	0.000352	9.45	0.00163	0.0102	0.000399	0.00021	0.0000996	0.116	0.00000205	0.000104	0.000695	0.00167	0.000289
2102 May	0.000329	0.00107	0.138	0.0000098	1.66	3.59	0.0521	0.000353	9.46	0.00163	0.0102	0.0004	0.00021	0.0000997	0.116	0.00000205	0.000104	0.000696	0.00167	0.000289
2102 Jun	0.000323	0.00106	0.137	0.00000976	1.64	3.54	0.0513	0.000347	9.3	0.00162	0.0102	0.000393	0.000209	0.0000983	0.114	0.00000204	0.000103	0.00069	0.00167	0.000285
2102 Jul	0.000321	0.00105	0.136	0.00000977	1.63	3.51	0.0509	0.000345	9.23	0.00161	0.0102	0.00039	0.000209	0.0000978	0.114	0.00000204	0.000103	0.000688	0.00167	0.000283
2102 Aug	0.000321	0.00106	0.136	0.0000098	1.63	3.52	0.051	0.000346	9.24	0.00161	0.0102	0.00039	0.00021	0.0000979	0.114	0.00000205	0.000103	0.000688	0.00168	0.000284
2102 Sep	0.000321	0.00106	0.136	0.0000098	1.63	3.52	0.0509	0.000347	9.23	0.00161	0.0102	0.000389	0.000209	0.0000979	0.114	0.00000205	0.000103	0.000687	0.00168	0.000284
2102 Oct	0.000319	0.00105	0.136	0.00000978	1.63	3.5	0.0506	0.000347	9.19	0.00161	0.0102	0.000387	0.000208	0.0000975	0.113	0.00000204	0.000102	0.000683	0.00167	0.000283
2102 Nov	0.000319	0.00105	0.136	0.00000978	1.63	3.5	0.0506	0.000347	9.19	0.00161	0.0102	0.000387	0.000208	0.0000975	0.113	0.00000204	0.000103	0.000683	0.00167	0.000284
2102 Dec	0.000319	0.00105	0.136	0.00000978	1.63	3.5	0.0506	0.000347	9.19	0.00161	0.0102	0.000387	0.000208	0.0000975	0.113	0.00000204	0.000103	0.000683	0.00167	0.000284
2103 Jan	0.000319	0.00105	0.136	0.00000978	1.63	3.5	0.0506	0.000347	9.19	0.00161	0.0102	0.000387	0.000208	0.0000975	0.113	0.00000204	0.000103	0.000683	0.00167	0.000284
2103 Feb	0.000319	0.00105	0.136	0.00000978	1.63	3.5	0.0506	0.000347	9.19	0.00161	0.0102	0.000387	0.000208	0.0000975	0.113	0.00000204	0.000103	0.000683	0.00167	0.000284
2103 Mar	0.000319	0.00105	0.136	0.00000979	1.63	3.5	0.0506	0.000347	9.19	0.00161	0.0102	0.000387	0.000208	0.0000975	0.113	0.00000204	0.000103	0.000683	0.00167	0.000284
2103 Apr	0.00032	0.00105	0.136	0.00000979	1.63	3.5	0.0506	0.000347	9.2	0.00161	0.0102	0.000387	0.000208	0.0000975	0.113	0.00000204	0.000103	0.000684	0.00167	0.000284
2103 May	0.000322	0.00106	0.136	0.0000098	1.63	3.52	0.051	0.000347	9.19	0.00161	0.0102	0.000391	0.000209	0.0000978	0.114	0.00000204	0.000103	0.000688	0.00167	0.000285
2103 Jun	0.000324	0.00105	0.137	0.00000975	1.63	3.51	0.0515	0.000342	9.09	0.0016	0.0102	0.000396	0.000208	0.0000976	0.114	0.00000203	0.000101	0.000693	0.00167	0.000281
2103 Jul	0.000324	0.00105	0.137	0.00000977	1.63	3.5	0.0514	0.000342	9.07	0.0016	0.0102	0.000395	0.000208	0.0000976	0.114	0.00000204	0.000101	0.000693	0.00167	0.000281
2103 Aug	0.000323	0.00105	0.137	0.00000978	1.62	3.49	0.0512	0.000341	9.04	0.0016	0.0102	0.000394	0.000208	0.0000973	0.114	0.00000204	0.000101	0.000689	0.00167	0.000281
2103 Sep	0.000321	0.00105	0.136	0.00000977	1.62	3.48	0.0509	0.000342	9	0.0016	0.0102	0.000391	0.000207	0.000097	0.113	0.00000203	0.000101	0.000685	0.00166	0.000281
2103 Oct	0.000319	0.00105	0.136	0.00000974	1.61	3.46	0.0505	0.000343	8.94	0.00159	0.0101	0.000387	0.000205	0.0000963	0.113	0.00000203	0.000101	0.00068	0.00165	0.00028
2103 Nov	0.000318	0.00105	0.135	0.00000974	1.61	3.46	0.0504	0.000343	8.93	0.00159	0.0101	0.000386	0.000204	0.0000962	0.113	0.00000203	0.0001	0.000679	0.00165	0.00028
2103 Dec	0.000318	0.00105	0.135	0.00000974	1.61	3.46	0.0504	0.000343	8.93	0.00159	0.0101	0.000386	0.000204	0.0000962	0.113	0.00000203	0.0001	0.000679	0.00165	0.00028
2104 Jan	0.000318	0.00105	0.135	0.00000974	1.61	3.46	0.0504	0.000343	8.93	0.00159	0.0101	0.000386	0.000204	0.0000962	0.113	0.00000203	0.0001	0.000679	0.00165	0.00028
2104 Feb	0.000318	0.00105	0.135	0.00000974	1.61	3.46	0.0504	0.000343	8.93	0.00159	0.0101	0.000386	0.000204	0.0000962	0.113	0.00000203	0.0001	0.000679	0.00165	0.00028
2104 Mar	0.000318	0.00105	0.135	0.00000974	1.61	3.46	0.0504	0.000343	8.93	0.00159	0.0101	0.000386	0.000204	0.0000962	0.113	0.00000203	0.0001	0.000679	0.00165	0.00028
2104 Apr	0.000318	0.00105	0.135	0.00000974	1.61	3.46	0.0504	0.000343	8.93	0.00159	0.0101	0.000387	0.000204	0.0000963	0.113	0.00000203	0.000101	0.000679	0.00165	0.00028
2104 May	0.000321	0.00105	0.136	0.00000975	1.61	3.47	0.0509	0.000342	8.93	0.00159	0.0102	0.000392	0.000205	0.0000966	0.113	0.00000203	0.0001	0.000685	0.00166	0.000279
2104 Jun	0.000323	0.00104	0.137	0.00000971	1.61	3.46	0.0513	0.000338	8.84	0.00158	0.0101	0.000395	0.000204	0.0000963	0.113	0.00000202	0.0000994	0.000688	0.00165	0.000274
2104 Jul	0.000323	0.00105	0.137	0.00000974	1.61	3.47	0.0513	0.000339	8.85	0.00159	0.0101	0.000396	0.000205	0.0000965	0.114	0.00000202	0.0000996	0.000689	0.00166	0.000275
2104 Aug	0.000323	0.00105	0.137	0.00000976	1.61	3.47	0.0513	0.000339	8.85	0.00159	0.0102	0.000395	0.000205	0.0000966	0.114	0.00000203	0.0000997	0.000689	0.00166	0.000276
2104 Sep	0.000322	0.00105	0.137	0.00000975	1.61	3.46	0.0511	0.00034	8.82	0.00158	0.0102	0.000393	0.000204	0.0000963	0.113	0.00000202	0.0000995	0.000685	0.00165	0.000276
2104 Oct	0.000321	0.00104	0.136	0.00000973	1.6	3.45	0.0508	0.000341	8.78	0.00158	0.0101	0.000391	0.000203	0.0000959	0.113	0.00000202	0.0000993	0.000682	0.00165	0.000275
2104 Nov	0.00032	0.00104	0.136	0.00000973	1.6	3.44	0.0507	0.000341	8.77	0.00158	0.0101	0.00039	0.000202	0.0000958	0.113	0.00000202	0.0000992	0.000681	0.00165	0.000275
2104 Dec	0.00032	0.00104	0.136	0.00000973	1.6	3.44	0.0507	0.000341	8.77	0.00158	0.0101	0.00039	0.000202	0.0000958	0.113	0.00000202	0.0000992	0.000681	0.00165	0.000276
2105 Jan	0.00032	0.00104	0.136	0.00000973	1.6	3.44	0.0507	0.000341	8.77	0.00158	0.0101	0.00039	0.000202	0.0000958	0.113	0.00000202	0.0000992	0.000681	0.00165	0.000276
2105 Feb	0.00032	0.00104	0.136	0.00000973	1.6	3.44	0.0507	0.000341	8.77	0.00158	0.0101	0.00039	0.000202	0.0000958	0.113	0.00000202	0.0000993	0.000681	0.00165	0.000276
2105 Mar	0.00032	0.00104	0.136	0.00000973	1.6	3.44	0.0507	0.000341	8.77	0.00158	0.0101	0.00039	0.000202	0.0000958	0.113	0.00000202	0.0000993	0.000681	0.00165	0.000276
2105 Apr	0.00032	0.00104	0.136	0.00000974	1.6	3.44	0.0507	0.000341	8.78	0.00158	0.0101	0.00039	0.000202	0.0000958	0.113	0.00000202	0.0000993	0.000681	0.00165	0.000276
2105 May	0.000323	0.00105	0.137	0.00000974	1.61	3.45	0.0511	0.00034	8.77	0.00158	0.0102	0.000394	0.000203	0.0000961	0.113	0.00000202	0.0000992	0.000686	0.00165	0.000275
2105 Jun	0.000325	0.00105	0.137	0.00000974	1.61	3.46	0.0515	0.000339	8.75	0.00158	0.0102	0.000398	0.000203	0.0000963	0.114	0.00000202	0.0000988	0.00069	0.00165	0.000273
2105 Jul	0.000325	0.00105	0.138	0.00000977	1.61	3.47	0.0516	0.000339	8.76	0.00158	0.0102	0.000399	0.000203	0.0000965	0.114	0.00000203	0.0000991	0.000691	0.00166	0.000274
2105 Aug	0.000324	0.00105	0.137	0.00000976	1.61	3.45	0.0513	0.000339	8.72	0.00158	0.0102	0.000396	0.000202	0.0000961	0.114	0.00000202	0.0000987	0.000687	0.00165	0.000274
2105 Sep	0.000321	0.00104	0.136	0.00000974	1.6	3.43	0.0508	0.00034	8.65	0.00157	0.0101	0.000392	0.0002	0.0000955	0.113	0.00000202	0.0000983	0.00068	0.00164	0.000274
2105 Oct	0.000319	0.00104	0.136	0.00000972	1.59	3.42	0.0505	0.000341	8.61	0.00157	0.0101	0.000389	0.000199	0.0000951	0.112	0.00000201	0.0000981	0.000676	0.00163	0.000275
2105 Nov	0.000319	0.00104	0.136	0.00000971	1.59	3.41	0.0504	0.000341	8.6	0.00156	0.0101	0.000388	0.000199	0.0000949	0.112	0.00000201	0.000098	0.000675	0.00163	0.000275
2105 Dec	0.000319	0.00104	0.136	0.00000971	1.59	3.41	0.0504	0.000341	8.6	0.00156	0.0101	0.000388	0.000199	0.0000949	0.112	0.00000201	0.000098	0.000675	0.00163	0.000275
2106 Jan	0.000319	0.00104	0.136	0.00000971	1.59	3.41	0.0504	0.000341	8.6	0.00156	0.0101	0.000388	0.000199	0.0000949	0.112	0.00000201	0.000098	0.000675	0.00163	0.000275
2106 Feb	0.000319	0.00104	0.136	0.00000971	1.59	3.41	0.0504	0.000341	8.6	0.00156	0.0101	0.000388	0.000199	0.0000949	0.112	0.00000201	0.000098	0.000675	0.00163	0.000275
2106 Mar	0.000319	0.00104	0.136	0.00000971	1.59	3.41	0.0504	0.000341	8.6	0.00156	0.0101	0.000388	0.000199	0.0000949	0.112	0.00000201	0.000098	0.000675	0.00163	0.000275
2106 Apr	0.000319	0.00104	0.136	0.00000972	1.59	3.41	0.0504	0.000341	8.6	0.00156	0.0101	0.000388	0.000199	0.000095	0.112	0.00000201	0.000098	0.000675	0.00163	0.000275
2106 May	0.00032	0.00104	0.136	0.00000973	1.6	3.42	0.0506	0.000341	8.61	0.00157	0.0101	0.00039	0.000199	0.0000952	0.113	0.00000201	0.0000981	0.000677	0.00164	0.000275

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Jun	0.000321	0.00104	0.136	0.00000969	1.59	3.4	0.0508	0.000336	8.51	0.00156	0.0101	0.000393	0.000199	0.0000948	0.113	0.000002	0.0000971	0.00068	0.00163	0.00027
2106 Jul	0.000321	0.00104	0.136	0.00000972	1.59	3.4	0.0508	0.000336	8.51	0.00156	0.0101	0.000393	0.000199	0.0000949	0.113	0.00000201	0.0000972	0.000681	0.00164	0.000271
2106 Aug	0.00032	0.00104	0.136	0.00000973	1.59	3.4	0.0506	0.000337	8.48	0.00156	0.0101	0.000391	0.000199	0.0000947	0.112	0.00000201	0.000097	0.000678	0.00164	0.000272
2106 Sep	0.000318	0.00103	0.136	0.00000972	1.58	3.38	0.0503	0.000337	8.44	0.00155	0.0101	0.000388	0.000197	0.0000943	0.112	0.00000201	0.0000967	0.000673	0.00163	0.000272
2106 Oct	0.000317	0.00103	0.135	0.00000971	1.58	3.38	0.0501	0.000338	8.42	0.00155	0.0101	0.000387	0.000197	0.0000941	0.112	0.00000201	0.0000966	0.000671	0.00163	0.000273
2106 Nov	0.000317	0.00103	0.135	0.00000972	1.58	3.38	0.0501	0.000338	8.42	0.00155	0.0101	0.000387	0.000197	0.0000941	0.112	0.00000201	0.0000967	0.000671	0.00163	0.000273
2106 Dec	0.000317	0.00103	0.135	0.00000972	1.58	3.38	0.0501	0.000338	8.42	0.00155	0.0101	0.000387	0.000197	0.0000941	0.112	0.00000201	0.0000967	0.000671	0.00163	0.000273
2107 Jan	0.000317	0.00103	0.135	0.00000972	1.58	3.38	0.0501	0.000338	8.42	0.00155	0.0101	0.000387	0.000197	0.0000941	0.112	0.00000201	0.0000967	0.000671	0.00163	0.000273
2107 Feb	0.000317	0.00103	0.135	0.00000972	1.58	3.38	0.0501	0.000338	8.42	0.00155	0.0101	0.000387	0.000197	0.0000941	0.112	0.00000201	0.0000967	0.000671	0.00163	0.000274
2107 Mar	0.000317	0.00103	0.135	0.00000972	1.58	3.38	0.0501	0.000338	8.42	0.00155	0.0101	0.000387	0.000197	0.0000941	0.112	0.00000201	0.0000967	0.000671	0.00163	0.000274
2107 Apr	0.000317	0.00103	0.135	0.00000972	1.58	3.38	0.0501	0.000338	8.42	0.00155	0.0101	0.000387	0.000197	0.0000941	0.112	0.00000201	0.0000967	0.000671	0.00163	0.000274
2107 May	0.000318	0.00104	0.136	0.00000972	1.58	3.38	0.0504	0.000338	8.42	0.00155	0.0101	0.000389	0.000197	0.0000943	0.112	0.00000201	0.0000966	0.000674	0.00163	0.000273
2107 Jun	0.000321	0.00103	0.136	0.00000971	1.58	3.39	0.0508	0.000335	8.38	0.00155	0.0101	0.000394	0.000197	0.0000944	0.112	0.000002	0.0000962	0.000679	0.00163	0.000269
2107 Jul	0.000321	0.00104	0.137	0.00000974	1.59	3.39	0.0508	0.000336	8.38	0.00155	0.0101	0.000393	0.000197	0.0000944	0.112	0.00000201	0.0000962	0.000679	0.00163	0.00027
2107 Aug	0.000321	0.00104	0.137	0.00000977	1.59	3.39	0.0509	0.000337	8.4	0.00156	0.0101	0.000394	0.000198	0.0000947	0.113	0.00000201	0.0000965	0.00068	0.00164	0.000271
2107 Sep	0.000321	0.00104	0.137	0.00000977	1.59	3.39	0.0508	0.000338	8.39	0.00156	0.0102	0.000393	0.000197	0.0000946	0.113	0.00000202	0.0000965	0.000679	0.00164	0.000272
2107 Oct	0.00032	0.00104	0.137	0.00000977	1.59	3.39	0.0506	0.000338	8.37	0.00155	0.0101	0.000391	0.000197	0.0000944	0.112	0.00000201	0.0000964	0.000676	0.00163	0.000273
2107 Nov	0.00032	0.00104	0.136	0.00000976	1.59	3.38	0.0506	0.000338	8.36	0.00155	0.0101	0.000391	0.000197	0.0000943	0.112	0.00000201	0.0000964	0.000676	0.00163	0.000273
2107 Dec	0.00032	0.00104	0.136	0.00000976	1.59	3.38	0.0506	0.000338	8.36	0.00155	0.0101	0.000391	0.000197	0.0000943	0.112	0.00000201	0.0000964	0.000676	0.00163	0.000273
2108 Jan	0.00032	0.00104	0.136	0.00000977	1.59	3.39	0.0506	0.000338	8.36	0.00155	0.0101	0.000391	0.000197	0.0000943	0.112	0.00000201	0.0000964	0.000676	0.00163	0.000273
2108 Feb	0.00032	0.00104	0.136	0.00000977	1.59	3.39	0.0506	0.000338	8.36	0.00155	0.0101	0.000391	0.000197	0.0000943	0.112	0.00000201	0.0000964	0.000676	0.00163	0.000273
2108 Mar	0.00032	0.00104	0.136	0.00000977	1.59	3.39	0.0506	0.000338	8.36	0.00155	0.0101	0.000391	0.000197	0.0000943	0.112	0.00000201	0.0000964	0.000676	0.00163	0.000273
2108 Apr	0.00032	0.00104	0.137	0.00000977	1.59	3.39	0.0506	0.000339	8.37	0.00156	0.0102	0.000391	0.000197	0.0000944	0.112	0.00000202	0.0000965	0.000676	0.00163	0.000274
2108 May	0.000321	0.00104	0.137	0.00000979	1.59	3.39	0.0507	0.000339	8.38	0.00156	0.0102	0.000392	0.000197	0.0000946	0.113	0.00000202	0.0000966	0.000678	0.00164	0.000274
2108 Jun	0.00032	0.00104	0.137	0.00000978	1.58	3.38	0.0506	0.000336	8.31	0.00155	0.0102	0.000391	0.000197	0.0000941	0.112	0.00000202	0.000096	0.000678	0.00164	0.00027
2108 Jul	0.000321	0.00104	0.137	0.00000982	1.59	3.38	0.0507	0.000337	8.33	0.00156	0.0102	0.000392	0.000198	0.0000944	0.113	0.00000202	0.0000963	0.00068	0.00165	0.000271
2108 Aug	0.000322	0.00104	0.138	0.00000987	1.59	3.4	0.0509	0.000338	8.36	0.00156	0.0102	0.000393	0.000199	0.0000948	0.113	0.00000203	0.0000967	0.000683	0.00165	0.000273
2108 Sep	0.000321	0.00104	0.137	0.00000988	1.59	3.4	0.0508	0.000339	8.36	0.00156	0.0102	0.000393	0.000199	0.0000947	0.113	0.00000203	0.0000967	0.000682	0.00165	0.000274
2108 Oct	0.000319	0.00104	0.137	0.00000984	1.59	3.38	0.0504	0.00034	8.3	0.00156	0.0102	0.000389	0.000197	0.0000941	0.112	0.00000203	0.0000963	0.000676	0.00165	0.000273
2108 Nov	0.000319	0.00104	0.137	0.00000984	1.58	3.37	0.0503	0.00034	8.3	0.00155	0.0102	0.000389	0.000197	0.000094	0.112	0.00000203	0.0000963	0.000676	0.00164	0.000273
2108 Dec	0.000319	0.00104	0.137	0.00000984	1.58	3.37	0.0503	0.00034	8.3	0.00155	0.0102	0.000389	0.000197	0.000094	0.112	0.00000203	0.0000963	0.000676	0.00164	0.000273
2109 Jan	0.000319	0.00104	0.137	0.00000984	1.58	3.37	0.0503	0.00034	8.3	0.00155	0.0102	0.000389	0.000197	0.000094	0.112	0.00000203	0.0000963	0.000676	0.00164	0.000273
2109 Feb	0.000319	0.00104	0.137	0.00000984	1.58	3.37	0.0503	0.00034	8.3	0.00155	0.0102	0.000389	0.000197	0.000094	0.112	0.00000203	0.0000963	0.000676	0.00164	0.000273
2109 Mar	0.000319	0.00104	0.137	0.00000984	1.58	3.37	0.0503	0.00034	8.3	0.00155	0.0102	0.000389	0.000197	0.000094	0.112	0.00000203	0.0000963	0.000676	0.00164	0.000273
2109 Apr	0.000319	0.00104	0.137	0.00000985	1.59	3.38	0.0503	0.00034	8.3	0.00156	0.0102	0.000389	0.000197	0.0000941	0.112	0.00000203	0.0000964	0.000676	0.00165	0.000273
2109 May	0.000321	0.00104	0.137	0.00000985	1.59	3.38	0.0507	0.000339	8.3	0.00156	0.0102	0.000392	0.000197	0.0000943	0.113	0.00000203	0.0000963	0.00068	0.00165	0.000272
2109 Jun	0.000324	0.00104	0.138	0.00000986	1.59	3.39	0.0512	0.000338	8.28	0.00156	0.0102	0.000397	0.000198	0.0000946	0.113	0.00000203	0.000096	0.000686	0.00165	0.000269
2109 Jul	0.000324	0.00105	0.138	0.00000989	1.6	3.4	0.0512	0.000338	8.29	0.00156	0.0103	0.000397	0.000198	0.0000947	0.113	0.00000203	0.0000962	0.000686	0.00165	0.000271
2109 Aug	0.000324	0.00105	0.139	0.00000991	1.6	3.4	0.0513	0.000339	8.3	0.00156	0.0103	0.000397	0.000198	0.0000949	0.114	0.00000204	0.0000963	0.000686	0.00166	0.000272
2109 Sep	0.000323	0.00105	0.138	0.00000991	1.59	3.39	0.051	0.00034	8.27	0.00156	0.0103	0.000395	0.000197	0.0000946	0.113	0.00000204	0.0000962	0.000683	0.00165	0.000273
2109 Oct	0.000321	0.00104	0.137	0.00000988	1.59	3.37	0.0506	0.00034	8.21	0.00155	0.0103	0.000391	0.000195	0.000094	0.113	0.00000203	0.0000959	0.000677	0.00164	0.000274
2109 Nov	0.000321	0.00104	0.137	0.00000988	1.59	3.37	0.0506	0.000341	8.21	0.00155	0.0103	0.000391	0.000195	0.000094	0.113	0.00000203	0.0000959	0.000677	0.00164	0.000274
2109 Dec	0.000321	0.00104	0.137	0.00000988	1.59	3.37	0.0506	0.000341	8.21	0.00155	0.0103	0.000391	0.000195	0.000094	0.113	0.00000203	0.0000959	0.000677	0.00164	0.000274
2110 Jan	0.000321	0.00104	0.137	0.00000988	1.59	3.37	0.0506	0.000341	8.21	0.00155	0.0103	0.000391	0.000195	0.000094	0.113	0.00000203	0.0000959	0.000677	0.00164	0.000274
2110 Feb	0.000321	0.00104	0.137	0.00000988	1.59	3.37	0.0506	0.000341	8.21	0.00155	0.0103	0.000391	0.000195	0.000094	0.113	0.00000203	0.0000959	0.000677	0.00164	0.000274
2110 Mar	0.000321	0.00104	0.137	0.00000988	1.59	3.37	0.0506	0.000341	8.21	0.00155	0.0103	0.000391	0.000195	0.000094	0.113	0.00000203	0.0000959	0.000677	0.00164	0.000274
2110 Apr	0.000321	0.00104	0.138	0.00000988	1.59	3.37	0.0506	0.000341	8.22	0.00155	0.0103	0.000391	0.000196	0.000094	0.113	0.00000203	0.0000959	0.000678	0.00164	0.000274
2110 May	0.000322	0.00105	0.138	0.00000989	1.59	3.38	0.0507	0.000341	8.22	0.00156	0.0103	0.000393	0.000196	0.0000942	0.113	0.00000203	0.000096	0.000679	0.00165	0.000275
2110 Jun	0.000324	0.00104	0.138	0.00000985	1.59	3.38	0.0512	0.000336	8.14	0.00155	0.0102	0.000398	0.000196	0.0000941	0.113	0.00000202	0.0000951	0.000684	0.00164	0.000273
2110 Jul	0.000324	0.00104	0.138	0.00000988	1.59	3.38	0.0512	0.000337	8.14	0.00155	0.0103	0.000398	0.000196	0.0000942	0.113	0.00000203	0.0000952	0.000685	0.00165	0.000274
2110 Aug	0.000321	0.00104	0.137	0.00000986	1.58	3.35	0.0506	0.000336	8.07	0.00154	0.0102	0.000393	0.000194	0.0000935	0.112	0.00000202	0.0000945	0.000677	0.00164	0.000273
2110 Sep	0.000317	0.00103	0.136	0.00000982	1.57	3.32	0.05	0.000336	8	0.00153	0.0102	0.000388	0.000192	0.0000926	0.112	0.00000201	0.000094	0.000669	0.00163	0.000273
2110 Oct	0.000314	0.00103	0.136	0.00000979	1.56	3.3	0.0495	0.000337	7.93	0.00152	0.0101	0.000383	0.00019	0.0000919	0.111	0.000002	0.0000936	0.000662	0.00161	0.000272
2110 Nov	0.000314	0.00103	0.135	0.00000978	1.55	3.29	0.0493	0.000338	7.92	0.00152	0.0101	0.000382	0.000189	0.0000917	0.111	0.000002	0.0000936	0.000661	0.00161	0.000272
2110 Dec	0.000314	0.00103	0.135	0.00000978	1.55	3.29	0.0493	0.000338	7.92	0.00152	0.0101	0.000382	0.000189	0.0000917	0.111	0.000002	0.0000936	0.000661	0.00161	0.000272
2111 Jan	0.000314	0.00103	0.135	0.00000978	1.55	3.29	0.0493	0.000338	7.92	0.00152	0.0101	0.000382	0.000189	0.0000917	0.111	0.000002	0.0000936	0.000661	0.00161	0.000272

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2111 Feb	0.000314	0.00103	0.135	0.00000978	1.55	3.29	0.0493	0.000338	7.92	0.00152	0.0101	0.000382	0.000189	0.0000917	0.111	0.000002	0.0000936	0.000661	0.00161	0.000272
2111 Mar	0.000314	0.00103	0.135	0.00000978	1.55	3.29	0.0494	0.000338	7.92	0.00152	0.0101	0.000382	0.000189	0.0000917	0.111	0.000002	0.0000936	0.000661	0.00161	0.000272
2111 Apr	0.000314	0.00103	0.135	0.00000978	1.56	3.3	0.0494	0.000338	7.93	0.00152	0.0101	0.000382	0.000189	0.0000918	0.111	0.000002	0.0000936	0.000661	0.00161	0.000272
2111 May	0.000316	0.00103	0.136	0.0000098	1.56	3.3	0.0497	0.000338	7.93	0.00152	0.0102	0.000385	0.00019	0.000092	0.111	0.00000201	0.0000937	0.000664	0.00162	0.000271
2111 Jun	0.000319	0.00103	0.137	0.00000978	1.56	3.31	0.0503	0.000334	7.89	0.00152	0.0102	0.000391	0.00019	0.0000922	0.112	0.000002	0.0000931	0.000671	0.00162	0.000267
2111 Jul	0.00032	0.00103	0.137	0.00000982	1.57	3.32	0.0505	0.000336	7.92	0.00153	0.0102	0.000392	0.000191	0.0000925	0.112	0.00000201	0.0000934	0.000673	0.00162	0.000268
2111 Aug	0.000318	0.00103	0.137	0.00000982	1.56	3.31	0.0501	0.000335	7.88	0.00152	0.0102	0.00039	0.00019	0.0000922	0.112	0.00000201	0.0000931	0.000669	0.00162	0.000269
2111 Sep	0.000317	0.00103	0.136	0.00000981	1.56	3.3	0.0499	0.000336	7.85	0.00152	0.0102	0.000387	0.000189	0.000092	0.111	0.00000201	0.000093	0.000666	0.00162	0.00027
2111 Oct	0.000315	0.00103	0.136	0.00000979	1.55	3.28	0.0496	0.000337	7.81	0.00151	0.0101	0.000385	0.000188	0.0000915	0.111	0.000002	0.0000927	0.000661	0.00161	0.00027
2111 Nov	0.000314	0.00103	0.135	0.00000978	1.55	3.27	0.0493	0.000337	7.79	0.00151	0.0101	0.000383	0.000187	0.0000912	0.111	0.000002	0.0000926	0.000659	0.0016	0.00027
2111 Dec	0.000314	0.00103	0.135	0.00000978	1.55	3.27	0.0493	0.000337	7.79	0.00151	0.0101	0.000383	0.000187	0.0000912	0.111	0.000002	0.0000926	0.000659	0.0016	0.00027
2112 Jan	0.000314	0.00103	0.135	0.00000978	1.55	3.27	0.0493	0.000337	7.79	0.00151	0.0101	0.000383	0.000187	0.0000912	0.111	0.000002	0.0000926	0.000659	0.0016	0.00027
2112 Feb	0.000314	0.00103	0.135	0.00000978	1.55	3.27	0.0493	0.000337	7.79	0.00151	0.0101	0.000383	0.000187	0.0000912	0.111	0.000002	0.0000926	0.000659	0.0016	0.00027
2112 Mar	0.000314	0.00103	0.135	0.00000978	1.55	3.27	0.0494	0.000337	7.79	0.00151	0.0101	0.000383	0.000187	0.0000912	0.111	0.000002	0.0000926	0.000659	0.0016	0.000271
2112 Apr	0.000314	0.00103	0.136	0.00000978	1.55	3.28	0.0494	0.000337	7.79	0.00151	0.0101	0.000383	0.000187	0.0000913	0.111	0.000002	0.0000926	0.000659	0.0016	0.000271
2112 May	0.000316	0.00103	0.136	0.00000979	1.55	3.29	0.0498	0.000337	7.8	0.00151	0.0102	0.000386	0.000187	0.0000916	0.111	0.000002	0.0000926	0.000663	0.00161	0.00027
2112 Jun	0.000318	0.00102	0.136	0.00000972	1.55	3.27	0.0502	0.000331	7.7	0.00151	0.0101	0.000391	0.000187	0.0000913	0.111	0.00000199	0.0000914	0.000668	0.0016	0.000265
2112 Jul	0.000318	0.00102	0.136	0.00000974	1.55	3.27	0.0501	0.000331	7.69	0.00151	0.0101	0.00039	0.000187	0.0000912	0.111	0.00000199	0.0000914	0.000667	0.0016	0.000265
2112 Aug	0.000318	0.00103	0.137	0.00000977	1.55	3.28	0.0501	0.000332	7.7	0.00151	0.0101	0.000391	0.000187	0.0000914	0.111	0.00000199	0.0000916	0.000668	0.00161	0.000267
2112 Sep	0.000317	0.00102	0.136	0.00000977	1.55	3.27	0.0499	0.000333	7.68	0.00151	0.0101	0.000389	0.000187	0.0000912	0.111	0.00000199	0.0000915	0.000665	0.00161	0.00027
2112 Oct	0.000316	0.00102	0.136	0.00000976	1.54	3.27	0.0498	0.000333	7.66	0.00151	0.0101	0.000387	0.000186	0.0000911	0.111	0.00000199	0.0000915	0.000664	0.0016	0.000271
2112 Nov	0.000316	0.00102	0.136	0.00000976	1.54	3.27	0.0498	0.000333	7.66	0.00151	0.0101	0.000387	0.000186	0.000091	0.111	0.00000199	0.0000915	0.000663	0.0016	0.000272
2112 Dec	0.000316	0.00102	0.136	0.00000977	1.54	3.27	0.0498	0.000333	7.66	0.00151	0.0101	0.000387	0.000186	0.0000911	0.111	0.00000199	0.0000915	0.000663	0.0016	0.000272
2113 Jan	0.000316	0.00102	0.136	0.00000977	1.54	3.27	0.0498	0.000333	7.66	0.00151	0.0101	0.000387	0.000186	0.0000911	0.111	0.00000199	0.0000915	0.000663	0.0016	0.000272
2113 Feb	0.000316	0.00102	0.136	0.00000977	1.54	3.27	0.0498	0.000333	7.66	0.00151	0.0101	0.000387	0.000186	0.0000911	0.111	0.00000199	0.0000915	0.000663	0.0016	0.000272
2113 Mar	0.000316	0.00102	0.136	0.00000977	1.55	3.27	0.0498	0.000333	7.67	0.00151	0.0101	0.000387	0.000186	0.0000911	0.111	0.00000199	0.0000915	0.000664	0.0016	0.000272
2113 Apr	0.000317	0.00102	0.136	0.00000977	1.55	3.27	0.0498	0.000333	7.67	0.00151	0.0101	0.000388	0.000186	0.0000911	0.111	0.00000199	0.0000915	0.000664	0.0016	0.000272
2113 May	0.000318	0.00103	0.137	0.00000978	1.55	3.28	0.0501	0.000333	7.68	0.00151	0.0101	0.00039	0.000187	0.0000914	0.111	0.000002	0.0000916	0.000667	0.00161	0.000272
2113 Jun	0.000321	0.00102	0.137	0.00000976	1.55	3.28	0.0506	0.00033	7.64	0.00151	0.0101	0.000395	0.000187	0.0000915	0.112	0.00000199	0.000091	0.000672	0.00161	0.000269
2113 Jul	0.000321	0.00103	0.138	0.00000979	1.55	3.28	0.0506	0.000331	7.65	0.00151	0.0102	0.000395	0.000187	0.0000916	0.112	0.000002	0.0000912	0.000673	0.00161	0.000269
2113 Aug	0.000321	0.00103	0.138	0.00000982	1.56	3.29	0.0506	0.000332	7.65	0.00151	0.0102	0.000395	0.000187	0.0000917	0.112	0.000002	0.0000913	0.000673	0.00161	0.000271
2113 Sep	0.00032	0.00103	0.137	0.00000981	1.55	3.28	0.0504	0.000332	7.63	0.00151	0.0102	0.000393	0.000187	0.0000915	0.112	0.000002	0.0000912	0.00067	0.00161	0.000272
2113 Oct	0.000317	0.00102	0.136	0.00000977	1.54	3.25	0.0499	0.000333	7.57	0.0015	0.0101	0.000389	0.000185	0.0000907	0.111	0.00000199	0.0000908	0.000663	0.0016	0.000271
2113 Nov	0.000316	0.00102	0.136	0.00000977	1.54	3.25	0.0497	0.000333	7.55	0.0015	0.0101	0.000387	0.000184	0.0000905	0.111	0.00000199	0.0000908	0.000662	0.0016	0.000272
2113 Dec	0.000316	0.00102	0.136	0.00000977	1.54	3.25	0.0497	0.000333	7.56	0.0015	0.0101	0.000387	0.000184	0.0000905	0.111	0.00000199	0.0000908	0.000662	0.0016	0.000272
2114 Jan	0.000316	0.00102	0.136	0.00000977	1.54	3.25	0.0497	0.000333	7.56	0.0015	0.0101	0.000387	0.000184	0.0000905	0.111	0.00000199	0.0000908	0.000662	0.0016	0.000272
2114 Feb	0.000316	0.00102	0.136	0.00000977	1.54	3.25	0.0497	0.000333	7.56	0.0015	0.0101	0.000387	0.000184	0.0000905	0.111	0.00000199	0.0000908	0.000662	0.0016	0.000272
2114 Mar	0.000316	0.00102	0.136	0.00000977	1.54	3.25	0.0497	0.000334	7.56	0.0015	0.0101	0.000387	0.000184	0.0000906	0.111	0.00000199	0.0000908	0.000662	0.0016	0.000272
2114 Apr	0.000317	0.00102	0.136	0.00000977	1.54	3.25	0.0498	0.000334	7.56	0.0015	0.0101	0.000388	0.000184	0.0000906	0.111	0.00000199	0.0000908	0.000662	0.0016	0.000272
2114 May	0.000319	0.00102	0.137	0.00000977	1.54	3.26	0.0501	0.000333	7.56	0.0015	0.0101	0.000391	0.000184	0.0000908	0.111	0.00000199	0.0000907	0.000666	0.0016	0.000272
2114 Jun	0.000321	0.00103	0.138	0.00000978	1.55	3.27	0.0507	0.000331	7.55	0.0015	0.0102	0.000396	0.000185	0.0000912	0.112	0.00000199	0.0000906	0.000672	0.0016	0.000271
2114 Jul	0.000323	0.00103	0.138	0.00000983	1.56	3.29	0.0509	0.000333	7.58	0.00151	0.0102	0.000398	0.000186	0.0000916	0.112	0.000002	0.0000909	0.000675	0.00161	0.000272
2114 Aug	0.000324	0.00104	0.139	0.00000988	1.56	3.3	0.051	0.000334	7.61	0.00152	0.0102	0.000399	0.000187	0.0000919	0.113	0.00000201	0.0000913	0.000677	0.00162	0.000275
2114 Sep	0.000322	0.00103	0.138	0.00000987	1.56	3.29	0.0507	0.000335	7.58	0.00151	0.0102	0.000396	0.000186	0.0000916	0.112	0.00000201	0.0000912	0.000673	0.00161	0.000276
2114 Oct	0.00032	0.00103	0.138	0.00000985	1.55	3.27	0.0504	0.000336	7.54	0.00151	0.0102	0.000393	0.000184	0.0000912	0.112	0.000002	0.000091	0.000669	0.0016	0.000277
2114 Nov	0.000319	0.00103	0.137	0.00000983	1.55	3.26	0.0501	0.000336	7.51	0.0015	0.0102	0.000391	0.000183	0.0000908	0.111	0.000002	0.0000908	0.000665	0.0016	0.000278
2114 Dec	0.000319	0.00103	0.137	0.00000983	1.55	3.26	0.0501	0.000336	7.51	0.0015	0.0102	0.000391	0.000183	0.0000908	0.111	0.000002	0.0000908	0.000665	0.0016	0.000278
2115 Jan	0.000319	0.00103	0.137	0.00000983	1.55	3.26	0.0501	0.000336	7.51	0.0015	0.0102	0.000391	0.000183	0.0000908	0.111	0.000002	0.0000908	0.000665	0.0016	0.000278
2115 Feb	0.000319	0.00103	0.137	0.00000983	1.55	3.26	0.0501	0.000336	7.51	0.0015	0.0102	0.000391	0.000183	0.0000908	0.111	0.000002	0.0000908	0.000665	0.0016	0.000278
2115 Mar	0.000319	0.00103	0.137	0.00000983	1.55	3.26	0.0501	0.000336	7.51	0.0015	0.0102	0.000391	0.000183	0.0000908	0.111	0.000002	0.0000908	0.000665	0.0016	0.000278
2115 Apr	0.000319	0.00103	0.137	0.00000983	1.55	3.26	0.0501	0.000337	7.51	0.0015	0.0102	0.000391	0.000184	0.0000909	0.112	0.000002	0.0000908	0.000666	0.0016	0.000278
2115 May	0.000321	0.00103	0.138	0.00000983	1.55	3.27	0.0505	0.000336	7.51	0.0015	0.0102	0.000394	0.000184	0.0000911	0.112	0.000002	0.0000907	0.00067	0.0016	0.000276
2115 Jun	0.000324	0.00103	0.139	0.00000986	1.56	3.29	0.051	0.000336	7.52	0.00151	0.0102	0.000399	0.000184	0.0000915	0.113	0.000002	0.0000908	0.000675	0.00161	0.000275
2115 Jul	0.000325	0.00104	0.139	0.0000099	1.56	3.3	0.0511	0.000337	7.54	0.00151	0.0103	0.000399	0.000185	0.0000918	0.113	0.00000201	0.0000911	0.000676	0.00161	0.000276
2115 Aug	0.000323	0.00104	0.139	0.00000989	1.56	3.28	0.0508	0.000337	7.51	0.00151	0.0103	0.000397	0.000184	0.0000914	0.112	0.00000201	0.0000908	0.000672	0.00161	0.000276
2115 Sep	0.000322	0.00103	0.138	0.00000989	1.55	3.28	0.0506	0.000337	7.49	0.00151	0.0103	0.000395	0.000183	0.0000913	0.112	0.00000201	0.0000907	0.000669	0.0016	0.000278

Appendix C.2-22: PUMP02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2115 Oct	0.000322	0.00103	0.138	0.00000989	1.55	3.27	0.0505	0.000338	7.49	0.00151	0.0103	0.000394	0.000183	0.0000912	0.112	0.00000201	0.0000907	0.000668	0.0016	0.000279
2115 Nov	0.000321	0.00103	0.138	0.00000988	1.55	3.27	0.0504	0.000338	7.47	0.0015	0.0102	0.000393	0.000183	0.000091	0.112	0.00000201	0.0000907	0.000667	0.0016	0.00028
2115 Dec	0.000321	0.00103	0.138	0.00000988	1.55	3.27	0.0504	0.000338	7.47	0.0015	0.0102	0.000393	0.000183	0.000091	0.112	0.00000201	0.0000907	0.000667	0.0016	0.00028
2116 Jan	0.000321	0.00103	0.138	0.00000988	1.55	3.27	0.0504	0.000338	7.47	0.0015	0.0102	0.000393	0.000183	0.000091	0.112	0.00000201	0.0000907	0.000667	0.0016	0.00028
2116 Feb	0.000321	0.00103	0.138	0.00000988	1.55	3.27	0.0504	0.000338	7.47	0.0015	0.0102	0.000393	0.000183	0.000091	0.112	0.00000201	0.0000907	0.000667	0.0016	0.00028
2116 Mar	0.000321	0.00103	0.138	0.00000988	1.55	3.27	0.0504	0.000338	7.47	0.0015	0.0102	0.000393	0.000183	0.000091	0.112	0.00000201	0.0000907	0.000667	0.0016	0.00028
2116 Apr	0.000321	0.00103	0.138	0.00000989	1.55	3.27	0.0504	0.000338	7.48	0.00151	0.0103	0.000393	0.000183	0.0000911	0.112	0.00000201	0.0000907	0.000667	0.0016	0.000281
2116 May	0.000323	0.00104	0.139	0.0000099	1.56	3.28	0.0507	0.000338	7.48	0.00151	0.0103	0.000396	0.000183	0.0000913	0.112	0.00000201	0.0000907	0.00067	0.0016	0.000281
2116 Jun	0.000325	0.00103	0.139	0.00000984	1.55	3.27	0.0512	0.000333	7.41	0.0015	0.0102	0.000402	0.000183	0.0000912	0.113	0.00000199	0.0000898	0.000676	0.0016	0.000277
2116 Jul	0.000326	0.00103	0.14	0.00000988	1.56	3.28	0.0514	0.000334	7.43	0.00151	0.0103	0.000403	0.000184	0.0000915	0.113	0.000002	0.00009	0.000678	0.00161	0.000278
2116 Aug	0.000327	0.00104	0.14	0.00000992	1.56	3.29	0.0515	0.000335	7.45	0.00151	0.0103	0.000403	0.000184	0.0000918	0.113	0.00000201	0.0000903	0.000679	0.00161	0.000279
2116 Sep	0.000325	0.00103	0.139	0.0000099	1.56	3.28	0.0511	0.000336	7.41	0.00151	0.0103	0.0004	0.000183	0.0000913	0.113	0.00000201	0.0000901	0.000674	0.0016	0.00028
2116 Oct	0.000322	0.00103	0.139	0.00000988	1.55	3.26	0.0506	0.000337	7.37	0.0015	0.0102	0.000396	0.000181	0.0000907	0.112	0.000002	0.0000898	0.000669	0.0016	0.00028
2116 Nov	0.000322	0.00103	0.138	0.00000988	1.55	3.26	0.0506	0.000337	7.36	0.0015	0.0102	0.000395	0.000181	0.0000907	0.112	0.000002	0.0000898	0.000668	0.0016	0.000281
2116 Dec	0.000322	0.00103	0.138	0.00000988	1.55	3.26	0.0506	0.000337	7.36	0.0015	0.0102	0.000395	0.000181	0.0000907	0.112	0.000002	0.0000899	0.000668	0.0016	0.000281
2117 Jan	0.000322	0.00103	0.138	0.00000988	1.55	3.26	0.0506	0.000337	7.36	0.0015	0.0102	0.000395	0.000181	0.0000907	0.112	0.000002	0.0000899	0.000668	0.0016	0.000281
2117 Feb	0.000322	0.00103	0.138	0.00000988	1.55	3.26	0.0506	0.000337	7.36	0.0015	0.0102	0.000395	0.000181	0.0000907	0.112	0.000002	0.0000899	0.000668	0.0016	0.000281
2117 Mar	0.000322	0.00103	0.138	0.00000988	1.55	3.26	0.0506	0.000337	7.36	0.0015	0.0103	0.000395	0.000181	0.0000907	0.112	0.000002	0.0000899	0.000669	0.0016	0.000281
2117 Apr	0.000322	0.00103	0.139	0.00000988	1.55	3.26	0.0506	0.000337	7.37	0.0015	0.0103	0.000396	0.000181	0.0000907	0.112	0.000002	0.0000899	0.000669	0.0016	0.000281
2117 May	0.000324	0.00103	0.139	0.00000989	1.55	3.27	0.0509	0.000337	7.37	0.0015	0.0103	0.000398	0.000182	0.000091	0.113	0.000002	0.0000899	0.000672	0.0016	0.00028
2117 Jun	0.000326	0.00104	0.14	0.0000099	1.56	3.28	0.0513	0.000336	7.37	0.0015	0.0103	0.000403	0.000182	0.0000912	0.113	0.000002	0.0000898	0.000677	0.0016	0.000278
2117 Jul	0.000327	0.00104	0.14	0.00000994	1.56	3.29	0.0515	0.000337	7.39	0.00151	0.0103	0.000404	0.000183	0.0000916	0.113	0.00000201	0.0000901	0.000679	0.00161	0.000279
2117 Aug	0.000328	0.00104	0.141	0.00000997	1.56	3.29	0.0515	0.000338	7.4	0.00151	0.0103	0.000404	0.000183	0.0000917	0.114	0.00000202	0.0000903	0.00068	0.00161	0.00028
2117 Sep	0.000327	0.00104	0.14	0.00000998	1.56	3.29	0.0515	0.000339	7.4	0.00151	0.0104	0.000403	0.000183	0.0000917	0.114	0.00000202	0.0000903	0.000679	0.00161	0.000282
2117 Oct	0.000327	0.00104	0.14	0.00000997	1.56	3.29	0.0513	0.000339	7.38	0.00151	0.0103	0.000402	0.000182	0.0000915	0.113	0.00000202	0.0000903	0.000677	0.00161	0.000282
2117 Nov	0.000326	0.00104	0.14	0.00000997	1.56	3.28	0.0512	0.000339	7.38	0.00151	0.0103	0.000401	0.000182	0.0000914	0.113	0.00000202	0.0000902	0.000676	0.00161	0.000282
2117 Dec	0.000326	0.00104	0.14	0.00000997	1.56	3.28	0.0512	0.000339	7.38	0.00151	0.0103	0.000401	0.000182	0.0000914	0.113	0.00000202	0.0000902	0.000676	0.00161	0.000283
2118 Jan	0.000326	0.00104	0.14	0.00000997	1.56	3.28	0.0512	0.000339	7.38	0.00151	0.0103	0.000401	0.000182	0.0000914	0.113	0.00000202	0.0000902	0.000676	0.00161	0.000283
2118 Feb	0.000326	0.00104	0.14	0.00000997	1.56	3.28	0.0512	0.000339	7.38	0.00151	0.0103	0.000401	0.000182	0.0000914	0.113	0.00000202	0.0000902	0.000676	0.00161	0.000283
2118 Mar	0.000326	0.00104	0.14	0.00000997	1.56	3.28	0.0512	0.000339	7.38	0.00151	0.0103	0.000401	0.000182	0.0000914	0.113	0.00000202	0.0000902	0.000676	0.00161	0.000283
2118 Apr	0.000327	0.00104	0.14	0.00000997	1.56	3.29	0.0513	0.00034	7.38	0.00151	0.0104	0.000402	0.000182	0.0000915	0.113	0.00000202	0.0000903	0.000677	0.00161	0.000283
2118 May	0.00033	0.00104	0.141	0.00000996	1.57	3.3	0.0519	0.000338	7.38	0.00151	0.0104	0.000407	0.000182	0.0000918	0.114	0.00000201	0.00009	0.000683	0.00161	0.00028
2118 Jun	0.000332	0.00104	0.142	0.00000991	1.56	3.3	0.0524	0.000334	7.33	0.00151	0.0103	0.000412	0.000182	0.0000917	0.114	0.000002	0.0000893	0.000688	0.0016	0.000274
2118 Jul	0.000333	0.00105	0.142	0.00000997	1.57	3.31	0.0526	0.000335	7.36	0.00151	0.0104	0.000413	0.000183	0.0000921	0.115	0.00000202	0.0000897	0.00069	0.00161	0.000276
2118 Aug	0.000332	0.00104	0.142	0.00000997	1.57	3.3	0.0523	0.000336	7.34	0.00151	0.0104	0.000411	0.000182	0.0000919	0.114	0.00000201	0.0000896	0.000687	0.00161	0.000277
2118 Sep	0.000329	0.00104	0.141	0.00000993	1.56	3.28	0.0517	0.000336	7.28	0.0015	0.0103	0.000406	0.00018	0.0000912	0.114	0.00000201	0.0000892	0.00068	0.0016	0.000277
2118 Oct	0.000327	0.00104	0.14	0.00000991	1.55	3.26	0.0513	0.000337	7.25	0.0015	0.0103	0.000403	0.000179	0.0000907	0.113	0.000002	0.000089	0.000675	0.00159	0.000278
2118 Nov	0.000326	0.00104	0.14	0.0000099	1.55	3.26	0.0513	0.000337	7.24	0.00149	0.0103	0.000402	0.000179	0.0000906	0.113	0.000002	0.0000889	0.000674	0.00159	0.000279
2118 Dec	0.000326	0.00104	0.14	0.0000099	1.55	3.26	0.0513	0.000337	7.24	0.00149	0.0103	0.000402	0.000179	0.0000906	0.113	0.000002	0.0000889	0.000674	0.00159	0.000279
2119 Jan	0.000326	0.00104	0.14	0.0000099	1.55	3.26	0.0513	0.000337	7.24	0.00149	0.0103	0.000402	0.000179	0.0000906	0.113	0.000002	0.0000889	0.000674	0.00159	0.000279
2119 Feb	0.000326	0.00104	0.14	0.00000991	1.55	3.26	0.0513	0.000337	7.24	0.00149	0.0103	0.000402	0.000179	0.0000906	0.113	0.000002	0.0000889	0.000674	0.00159	0.000279
2119 Mar	0.000326	0.00104	0.14	0.00000991	1.55	3.26	0.0513	0.000337	7.24	0.00149	0.0103	0.000402	0.000179	0.0000906	0.113	0.000002	0.0000889	0.000674	0.00159	0.000279
2119 Apr	0.000328	0.00104	0.14	0.00000991	1.55	3.27	0.0515	0.000338	7.25	0.0015	0.0103	0.000403	0.000179	0.0000907	0.113	0.000002	0.000089	0.000676	0.00159	0.000279
2119 May	0.000334	0.00104	0.142	0.00000989	1.56	3.29	0.0527	0.000335	7.26	0.0015	0.0103	0.00041	0.000179	0.0000911	0.115	0.000002	0.0000887	0.000687	0.00159	0.000274
2119 Jun	0.000334	0.00104	0.142	0.00000988	1.56	3.29	0.0527	0.000334	7.24	0.0015	0.0103	0.00041	0.000179	0.000091	0.115	0.00000199	0.0000884	0.000688	0.00159	0.000273
2119 Jul	0.000335	0.00104	0.143	0.00000993	1.57	3.3	0.0529	0.000335	7.26	0.0015	0.0103	0.000412	0.00018	0.0000913	0.115	0.000002	0.0000888	0.000691	0.0016	0.000274
2119 Aug	0.000335	0.00104	0.143	0.00000995	1.57	3.3	0.0528	0.000336	7.26	0.00151	0.0104	0.000411	0.00018	0.0000913	0.115	0.00000201	0.0000889	0.00069	0.0016	0.000276
2119 Sep	0.000333	0.00104	0.142	0.00000993	1.56	3.29	0.0525	0.000336	7.23	0.0015	0.0103	0.000408	0.000179	0.0000909	0.115	0.000002	0.0000886	0.000685	0.00159	0.000277
2119 Oct	0.000332	0.00104	0.141	0.00000992	1.56	3.28	0.0522	0.000337	7.2	0.0015	0.0103	0.000405	0.000178	0.0000906	0.114	0.000002	0.0000885	0.000682	0.00159	0.000277
2119 Nov	0.000331	0.00104	0.141	0.00000991	1.56	3.27	0.052	0.000337	7.19	0.00149	0.0103	0.000404	0.000178	0.0000904	0.114	0.000002	0.0000884	0.00068	0.00159	0.000277
2119 Dec	0.000331	0.00104	0.141	0.00000991	1.56	3.27	0.0521	0.000337	7.19	0.00149	0.0103	0.000404	0.000178	0.0000904	0.114	0.000002	0.0000884	0.00068	0.00159	0.000278

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	72.2	0.0704	0.0913	0.00311	40.3	0.00862	8.61	0.00000122	0.00000122	9.71E-08	0.000398	0.000157	0.0133	0.000712	0.000000236	1.93	0.0000021	0.0000856
Operation (2024-2031): Mean	1640	1.6	2.04	0.0697	904	0.212	197	0.000453	0.000453	0.00000433	0.0123	0.00402	0.306	0.0232	0.00000748	49.9	0.0000538	0.00202
Operation (2024-2031): Max	2360	2.3	2.97	0.101	1310	0.294	281	0.000641	0.000641	0.00000594	0.0161	0.00553	0.435	0.0299	0.0000104	66.5	0.0000735	0.00282
Active Closure (2032-2038): Min	104	0.0751	0.093	0.00394	46.7	0.0378	15.7	0.000466	0.000466	0.00000431	0.00347	0.000497	0.0234	0.00896	0.00000516	9.89	0.0000086	0.000186
Active Closure (2032-2038): Mean	249	0.215	0.272	0.00998	126	0.0553	34.5	0.000909	0.000909	0.00000488	0.00434	0.000864	0.0526	0.0106	0.00000538	14.1	0.0000133	0.000378
Active Closure (2032-2038): Max	1460	1.4	1.78	0.0608	792	0.204	191	0.00097	0.00097	0.00000498	0.012	0.00402	0.296	0.0261	0.00000739	51.1	0.0000534	0.002
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	103	0.0756	0.0943	0.0031	31.6	0.0368	15.8	0.000966	0.000966	0.00000497	0.00347	0.000498	0.0231	0.009	0.00000516	9.91	0.00000861	0.000186
Post Closure (2039-2119): Mean	117	0.133	0.202	0.00483	43.8	0.0384	19.3	0.000998	0.000998	0.00000515	0.0054	0.000971	0.0256	0.0159	0.00000528	16.4	0.0000148	0.000266
Post Closure (2039-2119): Max	126	0.154	0.254	0.0059	51.5	0.0395	21	0.00102	0.00102	0.00000526	0.00669	0.00131	0.027	0.0224	0.00000537	21.1	0.0000182	0.00032
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun																		
2026 Jul																		
2026 Aug																		
2026 Sep																		
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun																		
2027 Jul																		
2027 Aug																		
2027 Sep																		
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Apr																		
2028 May	72.2	0.0704	0.0913	0.00311	40.3	0.00862	8.61	0.00000122	0.00000122	9.71E-08	0.000398	0.000157	0.0133	0.000712	0.000000236	1.93	0.0000021	0.0000856
2028 Jun	1410	1.36	1.76	0.0604	780	0.175	167	0.000441	0.000441	0.00000396	0.0108	0.00337	0.261	0.0179	0.00000665	40.8	0.00005	0.00173
2028 Jul	1770	1.71	2.22	0.076	981	0.226	210	0.000641	0.000641	0.00000541	0.0136	0.00437	0.328	0.0239	0.00000879	52.2	0.0000604	0.00217
2028 Aug	2310	2.25	2.9	0.0994	1280	0.293	275	0.00061	0.00061	0.00000594	0.0161	0.00553	0.428	0.0289	0.0000104	66.5	0.0000735	0.0028
2028 Sep	2200	2.15	2.76	0.0945	1220	0.276	262	0.000413	0.000413	0.00000482	0.0147	0.00512	0.406	0.0262	0.00000903	62.5	0.0000681	0.00265
2028 Oct	1460	1.45	1.81	0.0622	806	0.193	173	0.000491	0.000491	0.00000426	0.0119	0.00362	0.269	0.0215	0.00000703	45.2	0.0000485	0.00179
2028 Nov	1330	1.33	1.65	0.0568	736	0.18	158	0.000541	0.000541	0.00000435	0.0116	0.0034	0.247	0.0212	0.00000687	42.7	0.0000457	0.00165
2028 Dec	1330	1.33	1.66	0.0568	736	0.18	159	0.000541	0.000541	0.00000435	0.0116	0.00341	0.247	0.0213	0.00000688	42.7	0.0000457	0.00165
2029 Jan	1330	1.33	1.66	0.0568	736	0.18	159	0.000541	0.000541	0.00000435	0.0116	0.00341	0.247	0.0213	0.00000688	42.7	0.0000457	0.00165
2029 Feb	1330	1.33	1.66	0.0568	736	0.18	159	0.000541	0.000541	0.00000435	0.0116	0.00341	0.247	0.0213	0.00000688	42.7	0.0000457	0.00165
2029 Mar	1330	1.33	1.66	0.0568	737	0.18	159	0.000541	0.000541	0.00000436	0.0117	0.00341	0.247	0.0213	0.00000688	42.7	0.0000457	0.00165
2029 Apr	1340	1.34	1.66	0.0569	738	0.18	159	0.000542	0.000542	0.00000436	0.0117	0.00341	0.247	0.0213	0.00000689	42.8	0.0000458	0.00165
2029 May	1350	1.35	1.68	0.0576	747	0.183	161	0.000549	0.000549	0.00000442	0.0118	0.00345	0.25	0.0216	0.00000697	43.3	0.0000463	0.00167
2029 Jun	1280	1.26	1.59	0.0547	707	0.17	152	0.000602	0.000602	0.00000459	0.0116	0.00332	0.238	0.021	0.00000702	41.2	0.0000472	0.00161
2029 Jul	1690	1.64	2.12	0.0727	939	0.217	201	0.000481	0.000481	0.00000452	0.0116	0.00411	0.312	0.0218	0.00000775	48.9	0.0000518	0.00203
2029 Aug	1960	1.91	2.47	0.0843	1090	0.249	234	0.000396	0.000396	0.00000444	0.0126	0.00461	0.363	0.0235	0.0000082	55.8	0.0000582	0.00236
2029 Sep	2150	2.11	2.7	0.0923	1200	0.271	256	0.000365	0.000365	0.00000452	0.0142	0.00498	0.397	0.0254	0.00000864	61.1	0.0000653	0.00258
2029 Oct	1890	1.86	2.36	0.0808	1050	0.24	225	0.000396	0.000396	0.00000434	0.0133	0.00445	0.348	0.0238	0.00000794	55	0.0000593	0.00228
2029 Nov	1740	1.73	2.18	0.0747	968	0.224	208	0.000411	0.000411	0.00000423	0.0128	0.00416	0.322	0.0228	0.00000756	51.5	0.0000556	0.00211
2029 Dec	1740	1.73	2.18	0.0747	968	0.224	208	0.000412	0.000412	0.00000423	0.0128	0.00416	0.322	0.0228	0.00000756	51.5	0.0000556	0.00211
2030 Jan	1740	1.73	2.18	0.0747	968	0.224	208	0.000412	0.000412	0.00000423	0.0128	0.00416	0.322	0.0228	0.00000756	51.5	0.0000556	0.00211
2030 Feb	1740	1.73	2.18	0.0747	968	0.224	208	0.000412	0.000412	0.00000423	0.0128	0.00416	0.322	0.0228	0.00000756	51.5	0.0000556	0.00211
2030 Mar	1750	1.73	2.19	0.0748	969	0.224	208	0.000412	0.000412	0.00000424	0.0128	0.00416	0.322	0.0229	0.00000757	51.6	0.0000556	0.00212
2030 Apr	1750	1.73	2.19	0.0749	971	0.225	208	0.000413	0.000413	0.00000424	0.0128	0.00417	0.323	0.0229	0.00000758	51.7	0.0000557	0.00212
2030 May	1780	1.76	2.23	0.0763	989	0.229	212	0.00042	0.00042	0.00000432	0.013	0.00425	0.329	0.0233	0.00000772	52.6	0.0000568	0.00216
2030 Jun	1410	1.37	1.77	0.0605	781	0.178	167	0.000519	0.000519	0.00000435	0.0115	0.00346	0.262	0.019	0.00000704	41.9	0.0000512	0.00175
2030 Jul	1810	1.76	2.28	0.078	1010	0.227	216	0.000422	0.000422	0.00000438	0.0124	0.00428	0.335	0.0217	0.00000786	51.4	0.0000579	0.00219
2030 Aug	2130	2.07	2.68	0.0917	1190	0.267	254	0.000366	0.000366	0.0000045	0.0134	0.00494	0.394	0.0245	0.0000086	59.6	0.0000635	0.00255
2030 Sep	2360	2.3	2.97	0.101	1310	0.294	281	0.000338	0.000338	0.00000465	0.0147	0.0054	0.435	0.0264	0.00000918	65.6	0.0000702	0.00282
2030 Oct	2060	2.02	2.58	0.0882	1140	0.26	245	0.000378	0.000378	0.00000446	0.014	0.00479	0.379	0.0249	0.0000084	59	0.0000637	0.00247
2030 Nov	1800	1.78	2.25	0.077	998	0.23	214	0.000407	0.000407	0.00000428	0.013	0.00427	0.332	0.0232	0.00000771	52.8	0.000057	0.00217
2030 Dec	1800	1.78	2.25	0.077	998	0.23	214	0.000407	0.000407	0.00000428	0.013	0.00427	0.332	0.0232	0.00000771	52.8	0.000057	0.00218
2031 Jan	1800	1.78	2.25	0.077	998	0.23	214	0.000407	0.000407	0.00000428	0.013	0.00427	0.332	0.0232	0.00000771	52.8	0.000057	0.00218
2031 Feb	1800	1.78	2.25	0.077	998	0.23	214	0.000407	0.000407	0.00000428	0.013	0.00427	0.332	0.0232	0.00000771	52.8	0.000057	0.00218
2031 Mar	1800	1.78	2.25	0.0771	999	0.23	214	0.000407	0.000407	0.00000428	0.013	0.00427	0.332	0.0232	0.00000771	52.8	0.000057	0.00218
2031 Apr	1810	1.79	2.27	0.0777	1010	0.232	216	0.00041	0.00041	0.00000432	0.0131	0.00431	0.335	0.0234	0.00000778	53.3	0.0000575	0.0022
2031 May	1730	1.7	2.16	0.0737	956	0.223	208	0.000458	0.000458	0.00000446	0.0129	0.00427	0.321	0.026	0.00000778	53.9	0.0000567	0.00214
2031 Jun	1250	1.2	1.52	0.0518	676	0.169	159	0.000557	0.000557	0.00000443	0.011	0.00366	0.245	0.0299	0.00000695	48.8	0.0000489	0.00174
2031 Jul	1310	1.25	1.59	0.0541	706	0.177	167	0.00056	0.00056	0.00000453	0.0114	0.00378	0.258	0.0296	0.00000718	49.8	0.0000507	0.00181
2031 Aug	1430	1.36	1.74	0.0593	773	0.194	184	0.000515	0.000515	0.00000449	0.0118	0.00401	0.284	0.0288	0.00000742	51.9	0.0000533	0.00196
2031 Sep	1490	1.42	1.81	0.0618	805	0.204	193	0.000473	0.000473	0.00000438	0.0119	0.00409	0.299	0.0273	0.00000746	52.3	0.0000542	0.00203
2031 Oct	1460	1.4	1.78	0.0606	790	0.203	190	0.000465	0.000465	0.00000431	0.0119	0.004	0.294	0.026	0.00000735	50.9	0.0000531	0.00199
2031 Nov	1450	1.39	1.77	0.0605	788	0.202	190	0.000466	0.000466	0.00000431	0.0119	0.00399	0.294	0.0259	0.00000734	50.8	0.000053	0.00198
2031 Dec	1450	1.39	1.77	0.0605	788	0.202	190	0.000466	0.000466	0.00000431	0.0119	0.00399	0.294	0.0259	0.00000734	50.8	0.000053	0.00198
2032 Jan	1450	1.39	1.77	0.0605	788	0.202	190	0.000466	0.000466	0.00000431	0.0119	0.00399	0.294	0.0259	0.00000734	50.8	0.000053	0.00198
2032 Feb	1450	1.39	1.77	0.0605	788	0.202	190	0.000466	0.000466	0.00000431	0.0119	0.00399	0.294	0.0259	0.00000734	50.8	0.000053	0.00198
2032 Mar	1450	1.39	1.77	0.0605	788	0.202	190	0.000466	0.000466	0.00000431	0.0119	0.00399	0.294	0.0259	0.00000734	50.8	0.000053	0.00198
2032 Apr	1460	1.39	1.77	0.0605	789	0.203	190	0.000467	0.000467	0.00000432	0.0119	0.004	0.294	0.026	0.00000735	50.8	0.0000531	0.00198
2032 May	1460	1.4	1.78	0.0608	792	0.204	191	0.000469	0.000469	0.00000434	0.012	0.00402	0.296	0.0261	0.00000739	51.1	0.0000534	0.002
2032 Jun	923	0.866	1.1	0.038	492	0.137	122	0.000657	0.000657	0.00000455	0.00883	0.00266	0.189	0.0191	0.00000648	34.6	0.0000371	0.00131
2032 Jul	540	0.491	0.628	0.0219	282	0.0911	72.9	0.000789	0.000789	0.00000469	0.00617	0.00163	0.113	0.0134	0.00000583	22.4	0.0000238	0.000804
2032 Aug	357	0.317	0.406	0.0145	184	0.0683	48.4	0.000865	0.000865	0.00000481	0.00494	0.00113	0.0743	0.0112	0.00000555	16.8	0.000017	0.00054
2032 Sep	275	0.239	0.305	0.0111	140	0.0579	37.3	0.0009	0.0009	0.00000486	0.00444	0.000904	0.0571	0.0103	0.00000542	14.3	0.000014	0.000407
2032 Oct	247	0.212	0.271	0.00995	125	0.0543	33.5	0.000912	0.000912	0.00000488	0.00425	0.000824	0.0511	0.01	0.00000538	13.5	0.000013	0.000361
2032 Nov	248	0.213	0.272	0.00999	126	0.0545	33.7	0.000912	0.000912	0.00000488	0.00426	0.000828	0.0514	0.01	0.00000538	13.5	0.000013	0.000363
2032 Dec	249	0.214	0.273	0.01	126	0.0546	33.8	0.000911	0.000911	0.00000488	0.00427	0.000831	0.0516	0.01	0.00000538	13.6	0.0000131	0.000365
2033 Jan	249	0.214	0.273	0.01	126	0.0546	33.8	0.000911	0.000911	0.00000488	0.00427	0.000831	0.0516	0.01	0.00000538	13.6	0.0000131	0.000365
2033 Feb	249	0.214	0.273	0.01	126	0.0546	33.8	0.000911	0.000911	0.00000488	0.00427	0.000831	0.0516	0.01	0.00000538	13.6	0.0000131	0.000365
2033 Mar	249	0.214	0.273	0.01	126	0.0546	33.8	0.000911	0.000911	0.00000488	0.00427	0.000831	0.0516	0.01	0.00000538	13.6	0.0000131	0.000365
2033 Apr	249	0.215	0.274	0.01	126	0.0547	33.8	0.000912	0.000912	0.00000488	0.00427	0.000831	0.0517	0.01	0.00000538	13.6	0.0000131	0.000365
2033 May	251	0.217	0.276	0.0101	127	0.055	34.2	0.000912	0.000912	0.00000489	0.00432	0.000849	0.0522	0.0103	0.00000539	13.9	0.0000133	0.000371
2033 Jun	260	0.223	0.284	0.0104	131	0.0563	36	0.000901	0.000901	0.00000485	0.0044	0.000897	0.0549	0.0108	0.00000538	14.5	0.0000138	0.000395
2033 Jul	236	0.2	0.255	0.00939	118	0.0535	32.8	0.000913	0.000913	0.00000488	0.00421	0.000831	0.0499	0.0104	0.00000536	13.6	0.000013	0.000368
2033 Aug	206	0.173	0.22	0.00821	103	0.0498	28.7	0.000928	0.000928	0.00000491	0.00402	0.000747	0.0436	0.00994	0.00000533	12.7	0.0000119	0.000325
2033 Sep	189	0.156	0.198	0.00749	93.2	0.0476	26.4	0.000934	0.000934	0.00000492	0.00391	0.000696	0.04	0.0097	0.00000529	12.1	0.0000112	0.000294
2033 Oct	185	0.153	0.193	0.00733	91.2	0.0473	26.1	0.000932	0.000932	0.0000049	0.0039	0.000688	0.0395	0.00965	0.00000527	12	0.0000111	0.000287

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Nov	186	0.153	0.194	0.00734	91.4	0.0474	26.2	0.000931	0.000931	0.0000049	0.00391	0.00069	0.0397	0.00966	0.00000527	12.1	0.0000111	0.000288
2033 Dec	186	0.153	0.194	0.00734	91.4	0.0474	26.2	0.000931	0.000931	0.0000049	0.00391	0.00069	0.0397	0.00966	0.00000527	12.1	0.0000111	0.000288
2034 Jan	186	0.153	0.194	0.00734	91.4	0.0474	26.2	0.000931	0.000931	0.0000049	0.00391	0.00069	0.0397	0.00966	0.00000527	12.1	0.0000111	0.000288
2034 Feb	186	0.153	0.194	0.00734	91.4	0.0474	26.2	0.000931	0.000931	0.0000049	0.00391	0.00069	0.0397	0.00966	0.00000527	12.1	0.0000111	0.000288
2034 Mar	186	0.153	0.194	0.00734	91.4	0.0474	26.2	0.000931	0.000931	0.0000049	0.00391	0.00069	0.0397	0.00966	0.00000527	12.1	0.0000111	0.000288
2034 Apr	186	0.153	0.194	0.00735	91.4	0.0474	26.2	0.000932	0.000932	0.0000049	0.00391	0.00069	0.0397	0.00966	0.00000527	12.1	0.0000111	0.000288
2034 May	187	0.154	0.195	0.00737	91.7	0.0475	26.3	0.000932	0.000932	0.00000491	0.00392	0.000694	0.0398	0.00972	0.00000528	12.1	0.0000112	0.00029
2034 Jun	188	0.155	0.195	0.00739	92	0.0478	26.7	0.00093	0.00093	0.0000049	0.00396	0.000712	0.0405	0.00995	0.00000528	12.4	0.0000114	0.000298
2034 Jul	180	0.147	0.186	0.00707	87.7	0.047	25.8	0.000933	0.000933	0.00000491	0.00389	0.000691	0.039	0.00978	0.00000527	12.1	0.0000111	0.000292
2034 Aug	166	0.134	0.169	0.00652	80.5	0.0452	23.8	0.000943	0.000943	0.00000493	0.0038	0.000651	0.0359	0.00958	0.00000526	11.6	0.0000106	0.000271
2034 Sep	157	0.126	0.158	0.00614	75.6	0.0441	22.6	0.000945	0.000945	0.00000493	0.00375	0.000623	0.034	0.00945	0.00000524	11.3	0.0000102	0.000254
2034 Oct	154	0.123	0.154	0.006	73.8	0.0437	22.2	0.000944	0.000944	0.00000492	0.00373	0.000614	0.0335	0.0094	0.00000523	11.2	0.0000101	0.000248
2034 Nov	154	0.123	0.154	0.00601	73.9	0.0437	22.2	0.000944	0.000944	0.00000492	0.00373	0.000615	0.0335	0.0094	0.00000523	11.2	0.0000101	0.000248
2034 Dec	154	0.123	0.154	0.00601	73.9	0.0437	22.2	0.000944	0.000944	0.00000492	0.00373	0.000615	0.0335	0.0094	0.00000523	11.2	0.0000101	0.000248
2035 Jan	154	0.123	0.154	0.00601	73.9	0.0437	22.2	0.000944	0.000944	0.00000492	0.00373	0.000615	0.0335	0.0094	0.00000523	11.2	0.0000101	0.000248
2035 Feb	154	0.123	0.154	0.00601	73.9	0.0437	22.2	0.000944	0.000944	0.00000492	0.00373	0.000615	0.0335	0.0094	0.00000523	11.2	0.0000101	0.000248
2035 Mar	154	0.123	0.154	0.00601	73.9	0.0437	22.2	0.000944	0.000944	0.00000492	0.00373	0.000615	0.0335	0.0094	0.00000523	11.2	0.0000101	0.000248
2035 Apr	154	0.123	0.154	0.00601	73.9	0.0437	22.2	0.000944	0.000944	0.00000492	0.00373	0.000615	0.0335	0.00941	0.00000523	11.2	0.0000101	0.000248
2035 May	154	0.123	0.155	0.00602	74	0.0438	22.3	0.000946	0.000946	0.00000493	0.00374	0.000617	0.0336	0.00942	0.00000524	11.3	0.0000101	0.000249
2035 Jun	155	0.123	0.155	0.00603	74.3	0.044	22.7	0.000941	0.000941	0.00000491	0.00377	0.00063	0.0342	0.00953	0.00000523	11.4	0.0000103	0.000255
2035 Jul	151	0.119	0.149	0.00584	71.6	0.0435	22.1	0.000944	0.000944	0.00000492	0.00373	0.000618	0.0332	0.00943	0.00000522	11.2	0.0000102	0.000252
2035 Aug	143	0.112	0.141	0.00555	67.9	0.0426	21.1	0.000948	0.000948	0.00000493	0.00368	0.000597	0.0317	0.00932	0.00000522	11	0.0000099	0.000242
2035 Sep	138	0.107	0.134	0.00534	65.1	0.042	20.4	0.000948	0.000948	0.00000492	0.00365	0.000582	0.0308	0.00924	0.0000052	10.8	0.0000097	0.000232
2035 Oct	135	0.105	0.131	0.00523	63.7	0.0417	20.1	0.000948	0.000948	0.00000492	0.00364	0.000574	0.0302	0.0092	0.00000519	10.7	0.0000096	0.000227
2035 Nov	136	0.105	0.132	0.00524	63.9	0.0418	20.2	0.000947	0.000947	0.00000492	0.00365	0.000577	0.0304	0.00921	0.00000519	10.8	0.00000963	0.000228
2035 Dec	136	0.105	0.132	0.00524	63.9	0.0418	20.2	0.000947	0.000947	0.00000492	0.00365	0.000577	0.0304	0.00921	0.00000519	10.8	0.00000963	0.000228
2036 Jan	136	0.105	0.132	0.00524	63.9	0.0418	20.2	0.000947	0.000947	0.00000492	0.00365	0.000577	0.0304	0.00921	0.00000519	10.8	0.00000963	0.000228
2036 Feb	136	0.105	0.132	0.00524	63.9	0.0418	20.2	0.000947	0.000947	0.00000492	0.00365	0.000577	0.0304	0.00921	0.00000519	10.8	0.00000963	0.000228
2036 Mar	136	0.105	0.132	0.00524	63.9	0.0418	20.2	0.000947	0.000947	0.00000492	0.00365	0.000577	0.0304	0.00921	0.00000519	10.8	0.00000963	0.000228
2036 Apr	136	0.105	0.132	0.00525	63.9	0.0418	20.2	0.000947	0.000947	0.00000492	0.00365	0.000577	0.0304	0.00921	0.00000519	10.8	0.00000963	0.000228
2036 May	136	0.105	0.132	0.00525	64	0.0419	20.2	0.000948	0.000948	0.00000492	0.00365	0.000578	0.0305	0.00922	0.0000052	10.8	0.00000965	0.000228
2036 Jun	136	0.105	0.131	0.00524	63.8	0.0419	20.4	0.000947	0.000947	0.00000491	0.00366	0.000582	0.0307	0.00924	0.00000519	10.8	0.00000973	0.000231
2036 Jul	133	0.102	0.127	0.0051	62	0.0416	20	0.000948	0.000948	0.00000492	0.00364	0.000575	0.03	0.00917	0.00000519	10.7	0.00000964	0.000229
2036 Aug	128	0.0969	0.121	0.00489	59.3	0.0409	19.1	0.000953	0.000953	0.00000493	0.0036	0.000558	0.0288	0.0091	0.00000519	10.5	0.00000942	0.000221
2036 Sep	123	0.0927	0.116	0.00472	56.9	0.0403	18.5	0.000955	0.000955	0.00000494	0.00357	0.000544	0.0278	0.00903	0.00000518	10.4	0.00000923	0.000211
2036 Oct	121	0.0908	0.113	0.00463	55.9	0.04	18.2	0.000955	0.000955	0.00000493	0.00356	0.000537	0.0274	0.009	0.00000518	10.3	0.00000915	0.000207
2036 Nov	121	0.091	0.113	0.00464	55.9	0.04	18.3	0.000955	0.000955	0.00000493	0.00356	0.000538	0.0274	0.00901	0.00000517	10.3	0.00000915	0.000208
2036 Dec	121	0.091	0.114	0.00464	55.9	0.04	18.3	0.000954	0.000954	0.00000493	0.00356	0.000538	0.0274	0.00901	0.00000517	10.3	0.00000916	0.000208
2037 Jan	121	0.091	0.114	0.00464	55.9	0.04	18.3	0.000954	0.000954	0.00000493	0.00356	0.000538	0.0274	0.00901	0.00000517	10.3	0.00000916	0.000208
2037 Feb	121	0.091	0.114	0.00464	55.9	0.04	18.3	0.000954	0.000954	0.00000493	0.00356	0.000538	0.0274	0.00901	0.00000517	10.3	0.00000916	0.000208
2037 Mar	121	0.091	0.114	0.00464	55.9	0.04	18.3	0.000954	0.000954	0.00000493	0.00356	0.000538	0.0274	0.00901	0.00000517	10.3	0.00000916	0.000208
2037 Apr	121	0.091	0.114	0.00464	55.9	0.04	18.3	0.000955	0.000955	0.00000493	0.00356	0.000538	0.0274	0.00901	0.00000518	10.3	0.00000916	0.000208
2037 May	121	0.0912	0.114	0.00464	56	0.0401	18.3	0.000955	0.000955	0.00000493	0.00357	0.000542	0.0275	0.00907	0.00000518	10.4	0.0000092	0.000209
2037 Jun	121	0.0909	0.113	0.00462	55.8	0.0401	18.4	0.000951	0.000951	0.00000492	0.00358	0.000548	0.0277	0.00914	0.00000516	10.4	0.00000925	0.000212
2037 Jul	118	0.0882	0.11	0.00451	54.3	0.0397	18	0.000955	0.000955	0.00000493	0.00355	0.000539	0.027	0.00909	0.00000517	10.3	0.00000915	0.000209
2037 Aug	114	0.0847	0.105	0.00436	52.3	0.0392	17.4	0.000959	0.000959	0.00000494	0.00353	0.000526	0.026	0.00903	0.00000517	10.2	0.00000898	0.000203
2037 Sep	111	0.0814	0.101	0.00422	50.5	0.0387	16.8	0.000962	0.000962	0.00000495	0.0035	0.000514	0.0252	0.00898	0.00000517	10.1	0.00000883	0.000195
2037 Oct	109	0.0798	0.099	0.00415	49.6	0.0384	16.6	0.000961	0.000961	0.00000495	0.00349	0.000508	0.0247	0.00896	0.00000516	10	0.00000875	0.000191
2037 Nov	109	0.0798	0.099	0.00415	49.6	0.0384	16.6	0.000962	0.000962	0.00000495	0.00349	0.000508	0.0248	0.00896	0.00000516	10	0.00000875	0.000191
2037 Dec	109	0.0798	0.099	0.00415	49.6	0.0384	16.6	0.000962	0.000962	0.00000495	0.00349	0.000508	0.0248	0.00896	0.00000516	10	0.00000875	0.000191
2038 Jan	109	0.0798	0.099	0.00415	49.6	0.0384	16.6	0.000962	0.000962	0.00000495	0.00349	0.000508	0.0248	0.00896	0.00000516	10	0.00000875	0.000191
2038 Feb	109	0.0798	0.099	0.00415	49.6	0.0384	16.6	0.000962	0.000962	0.00000495	0.00349	0.000508	0.0248	0.00896	0.00000516	10	0.00000875	0.000191
2038 Mar	109	0.0798	0.099	0.00415	49.6	0.0384	16.6	0.000962	0.000962	0.00000495	0.00349	0.000508	0.0248	0.00896	0.00000516	10	0.00000875	0.000191
2038 Apr	109	0.0798	0.0991	0.00415	49.6	0.0385	16.6	0.000962	0.000962	0.00000495	0.00349	0.000508	0.0248	0.00896	0.00000516	10	0.00000875	0.000191
2038 May	109	0.0799	0.0991	0.00415	49.6	0.0385	16.6	0.000962	0.000962	0.00000495	0.0035	0.00051	0.0248	0.00898	0.00000517	10	0.00000877	0.000192
2038 Jun	108	0.0791	0.098	0.00411	49.1	0.0383	16.5	0.000961	0.000961	0.00000494	0.0035	0.000511	0.0246	0.00904	0.00000516	10	0.00000878	0.000192
2038 Jul	106	0.0772	0.0956	0.00403	48	0.0381	16.1	0.000965	0.000965	0.00000496	0.00348	0.000505	0.0241	0.00901	0.00000517	9.97	0.0000087	0.00019
2038 Aug	104	0.0751	0.093	0.00395	46.8	0.0378	15.8	0.000969	0.000969	0.00000498	0.00347	0.000497	0.0235	0.00898	0.00000518	9.89	0.0000086	0.000186
2038 Sep	104	0.0751	0.0932	0.00394	46.7	0.0378	15.7	0.00097	0.00097	0.00000498	0.00347	0.000497	0.0234	0.00899	0.00000518	9.89	0.0000086	0.000186
2038 Oct	104	0.0756	0.0942	0.00396	46.8	0.0378	15.8	0.000969	0.000969	0.00000498	0.00347	0.000498	0.0234	0.00899	0.00000518	9.9	0.00000861	0.000186
2038 Nov	104	0.0756	0.0943	0.00396	46.8	0.0378	15.8	0.000969	0.000969	0.00000498	0.00347	0.000498	0.0234	0.009	0.00000518	9.91	0.00000861	0.000186
2038 Dec	104	0.0756	0.0943	0.00396	46.8	0.0378	15.8	0.000969	0.000969	0.00000498	0.00347	0.000498	0.0234	0.009	0.00000518	9.91	0.00000861	0.000186
2039 Jan	104	0.0756	0.0943	0.00396	46.8	0.0378	15.8	0.000969	0.000969	0.00000498	0.00347	0.000498	0.0234	0.009	0.00000518	9.91	0.00000861	0.000186
2039 Feb	104	0.0756	0.0943	0.00396	46.8	0.0378	15.8	0.000969	0.000969	0.00000498	0.00347	0.000498	0.0234	0.009	0.00000518	9.91	0.00000861	0.000186
2039 Mar	104	0.0756	0.0943	0.00396	46.8	0.0378	15.8	0.000969	0.000969	0.00000498	0.00347	0.000498	0.0234	0.009	0.00000518	9.91	0.00000861	0.000186
2039 Apr	104	0.0756	0.0943	0.00396	46.8	0.0378	15.8	0.00097	0.00097	0.00000498	0.00347	0.000498	0.0234	0.009	0.00000518	9.91	0.00000861	0.000186
2039 May	104	0.0757	0.0944	0.00396	46.8	0.0378	15.8	0.00097	0.00097	0.00000498	0.00348	0.000499	0.0235	0.00901	0.00000519	9.92	0.00000862	0.000186

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Jun	105	0.0792	0.102	0.00407	47	0.0377	15.9	0.000968	0.000968	0.00000498	0.0035	0.000504	0.0235	0.00904	0.00000518	9.98	0.00000871	0.000187
2039 Jul	105	0.0819	0.108	0.00414	47.2	0.0377	16.1	0.000966	0.000966	0.00000497	0.00351	0.000509	0.0235	0.00906	0.00000516	10	0.00000877	0.000188
2039 Aug	106	0.0829	0.111	0.00418	47.4	0.0378	16.1	0.000967	0.000967	0.00000498	0.00352	0.000512	0.0236	0.00908	0.00000517	10.1	0.0000088	0.000188
2039 Sep	106	0.083	0.111	0.00418	47.4	0.0378	16.2	0.000969	0.000969	0.00000498	0.00352	0.000513	0.0236	0.0091	0.00000518	10.1	0.00000881	0.000188
2039 Oct	106	0.0831	0.111	0.00418	47.4	0.0378	16.2	0.000968	0.000968	0.00000498	0.00353	0.000513	0.0236	0.0091	0.00000518	10.1	0.00000881	0.000188
2039 Nov	106	0.0831	0.111	0.00418	47.5	0.0378	16.2	0.000969	0.000969	0.00000498	0.00353	0.000513	0.0236	0.0091	0.00000518	10.1	0.00000882	0.000189
2039 Dec	106	0.0831	0.111	0.00418	47.5	0.0378	16.2	0.000969	0.000969	0.00000498	0.00353	0.000513	0.0236	0.0091	0.00000518	10.1	0.00000882	0.000189
2040 Jan	106	0.0831	0.111	0.00418	47.5	0.0378	16.2	0.000969	0.000969	0.00000498	0.00353	0.000513	0.0236	0.0091	0.00000518	10.1	0.00000882	0.000189
2040 Feb	106	0.0831	0.111	0.00418	47.5	0.0378	16.2	0.000969	0.000969	0.00000498	0.00353	0.000513	0.0236	0.0091	0.00000518	10.1	0.00000882	0.000189
2040 Mar	106	0.0831	0.111	0.00418	47.5	0.0378	16.2	0.000969	0.000969	0.00000498	0.00353	0.000513	0.0236	0.0091	0.00000518	10.1	0.00000882	0.000189
2040 Apr	106	0.0831	0.111	0.00418	47.5	0.0378	16.2	0.000969	0.000969	0.00000498	0.00353	0.000513	0.0236	0.0091	0.00000518	10.1	0.00000882	0.000189
2040 May	106	0.0834	0.111	0.00419	47.5	0.0379	16.2	0.00097	0.00097	0.00000499	0.00353	0.000514	0.0237	0.00912	0.00000518	10.1	0.00000883	0.000189
2040 Jun	107	0.0869	0.119	0.00429	47.7	0.0378	16.3	0.000967	0.000967	0.00000498	0.00355	0.000523	0.0237	0.00923	0.00000517	10.2	0.00000893	0.00019
2040 Jul	107	0.0875	0.12	0.00431	47.9	0.0378	16.4	0.000969	0.000969	0.00000499	0.00356	0.000525	0.0238	0.00926	0.00000518	10.3	0.00000896	0.000191
2040 Aug	107	0.0877	0.121	0.00432	48	0.0379	16.4	0.000971	0.000971	0.000005	0.00357	0.000526	0.0238	0.00928	0.00000519	10.3	0.00000898	0.000191
2040 Sep	107	0.0877	0.121	0.00432	48	0.038	16.5	0.000971	0.000971	0.000005	0.00357	0.000527	0.0238	0.00929	0.00000519	10.3	0.00000899	0.000191
2040 Oct	107	0.0877	0.121	0.00432	48	0.038	16.5	0.000972	0.000972	0.000005	0.00358	0.000527	0.0239	0.00929	0.00000519	10.3	0.00000899	0.000192
2040 Nov	107	0.0877	0.121	0.00432	48	0.038	16.5	0.000972	0.000972	0.000005	0.00358	0.000527	0.0239	0.00929	0.0000052	10.3	0.000009	0.000192
2040 Dec	107	0.0877	0.121	0.00432	48	0.038	16.5	0.000972	0.000972	0.000005	0.00358	0.000527	0.0239	0.00929	0.0000052	10.3	0.000009	0.000192
2041 Jan	107	0.0877	0.121	0.00432	48	0.038	16.5	0.000972	0.000972	0.000005	0.00358	0.000527	0.0239	0.00929	0.0000052	10.3	0.000009	0.000192
2041 Feb	107	0.0877	0.121	0.00432	48	0.038	16.5	0.000972	0.000972	0.000005	0.00358	0.000527	0.0239	0.00929	0.0000052	10.3	0.000009	0.000192
2041 Mar	107	0.0877	0.121	0.00432	48	0.038	16.5	0.000972	0.000972	0.000005	0.00358	0.000527	0.0239	0.00929	0.0000052	10.3	0.000009	0.000192
2041 Apr	107	0.0878	0.121	0.00432	48	0.038	16.5	0.000972	0.000972	0.000005	0.00358	0.000527	0.0239	0.0093	0.0000052	10.3	0.000009	0.000192
2041 May	108	0.0878	0.121	0.00432	48	0.038	16.5	0.000972	0.000972	0.00000501	0.00358	0.000528	0.0239	0.0093	0.0000052	10.3	0.000009	0.000192
2041 Jun	108	0.0907	0.127	0.00441	48.2	0.0379	16.6	0.000971	0.000971	0.000005	0.0036	0.000533	0.0239	0.00934	0.00000519	10.4	0.00000909	0.000192
2041 Jul	109	0.0932	0.133	0.00448	48.3	0.0379	16.7	0.000968	0.000968	0.00000499	0.00361	0.000537	0.0239	0.00935	0.00000518	10.4	0.00000916	0.000193
2041 Aug	109	0.0934	0.133	0.00449	48.5	0.038	16.8	0.000971	0.000971	0.000005	0.00362	0.000539	0.024	0.00938	0.00000519	10.5	0.00000918	0.000193
2041 Sep	109	0.0935	0.133	0.00449	48.5	0.038	16.8	0.000971	0.000971	0.00000501	0.00363	0.00054	0.024	0.00939	0.0000052	10.5	0.00000919	0.000194
2041 Oct	109	0.0935	0.133	0.00449	48.5	0.038	16.8	0.000971	0.000971	0.00000501	0.00363	0.00054	0.024	0.00939	0.0000052	10.5	0.0000092	0.000194
2041 Nov	109	0.0935	0.133	0.00449	48.5	0.038	16.8	0.000972	0.000972	0.00000501	0.00363	0.00054	0.024	0.0094	0.0000052	10.5	0.0000092	0.000194
2041 Dec	109	0.0935	0.133	0.00449	48.5	0.038	16.8	0.000972	0.000972	0.00000501	0.00363	0.00054	0.024	0.0094	0.0000052	10.5	0.0000092	0.000194
2042 Jan	109	0.0935	0.133	0.00449	48.5	0.038	16.8	0.000972	0.000972	0.00000501	0.00363	0.00054	0.024	0.0094	0.0000052	10.5	0.0000092	0.000194
2042 Feb	109	0.0935	0.133	0.00449	48.5	0.038	16.8	0.000972	0.000972	0.00000501	0.00363	0.00054	0.024	0.0094	0.0000052	10.5	0.0000092	0.000194
2042 Mar	109	0.0935	0.133	0.00449	48.5	0.038	16.8	0.000972	0.000972	0.00000501	0.00363	0.00054	0.024	0.0094	0.0000052	10.5	0.0000092	0.000194
2042 Apr	109	0.0935	0.133	0.00449	48.5	0.038	16.8	0.000972	0.000972	0.00000501	0.00363	0.000541	0.0241	0.0094	0.0000052	10.5	0.0000092	0.000194
2042 May	109	0.0936	0.133	0.00449	48.6	0.0381	16.8	0.000973	0.000973	0.00000501	0.00364	0.000541	0.0241	0.00941	0.0000052	10.5	0.00000921	0.000194
2042 Jun	110	0.0954	0.138	0.00454	48.6	0.038	16.9	0.000972	0.000972	0.00000501	0.00365	0.000545	0.0241	0.00944	0.0000052	10.5	0.00000928	0.000195
2042 Jul	110	0.0968	0.141	0.00459	48.7	0.038	17	0.000971	0.000971	0.00000501	0.00366	0.000548	0.0241	0.00946	0.0000052	10.6	0.00000933	0.000195
2042 Aug	110	0.0979	0.143	0.00462	48.8	0.038	17	0.000971	0.000971	0.00000501	0.00367	0.000551	0.0242	0.00947	0.00000519	10.6	0.00000935	0.000195
2042 Sep	110	0.0987	0.145	0.00464	48.9	0.0381	17.1	0.00097	0.00097	0.00000501	0.00367	0.000553	0.0242	0.00949	0.00000519	10.6	0.00000936	0.000196
2042 Oct	110	0.0992	0.146	0.00465	48.9	0.0381	17.1	0.00097	0.00097	0.000005	0.00368	0.000554	0.0242	0.00949	0.00000519	10.6	0.00000937	0.000196
2042 Nov	110	0.0993	0.146	0.00465	48.9	0.0381	17.1	0.00097	0.00097	0.000005	0.00368	0.000554	0.0242	0.0095	0.00000519	10.7	0.00000937	0.000196
2042 Dec	110	0.0993	0.146	0.00465	48.9	0.0381	17.1	0.00097	0.00097	0.000005	0.00368	0.000554	0.0242	0.0095	0.00000519	10.7	0.00000937	0.000196
2043 Jan	110	0.0993	0.146	0.00465	48.9	0.0381	17.1	0.00097	0.00097	0.000005	0.00368	0.000554	0.0242	0.0095	0.00000519	10.7	0.00000937	0.000196
2043 Feb	110	0.0993	0.146	0.00465	48.9	0.0381	17.1	0.00097	0.00097	0.000005	0.00368	0.000554	0.0242	0.0095	0.00000519	10.7	0.00000937	0.000196
2043 Mar	110	0.0993	0.146	0.00465	48.9	0.0381	17.1	0.00097	0.00097	0.000005	0.00368	0.000554	0.0242	0.0095	0.00000519	10.7	0.00000937	0.000196
2043 Apr	110	0.0993	0.146	0.00465	48.9	0.0381	17.1	0.00097	0.00097	0.00000501	0.00368	0.000554	0.0242	0.0095	0.00000519	10.7	0.00000938	0.000196
2043 May	111	0.0995	0.146	0.00466	49	0.0381	17.1	0.000971	0.000971	0.00000501	0.00369	0.000555	0.0242	0.00952	0.0000052	10.7	0.00000939	0.000196
2043 Jun	111	0.102	0.151	0.00472	49.1	0.038	17.2	0.00097	0.00097	0.00000501	0.0037	0.000562	0.0242	0.00962	0.00000519	10.8	0.00000947	0.000197
2043 Jul	112	0.102	0.152	0.00474	49.2	0.0381	17.3	0.000972	0.000972	0.00000502	0.00372	0.000564	0.0243	0.00965	0.0000052	10.8	0.00000951	0.000198
2043 Aug	112	0.103	0.153	0.00475	49.4	0.0383	17.4	0.000975	0.000975	0.00000503	0.00373	0.000566	0.0244	0.00968	0.00000522	10.9	0.00000954	0.000199
2043 Sep	112	0.103	0.153	0.00475	49.4	0.0383	17.4	0.000975	0.000975	0.00000504	0.00373	0.000567	0.0244	0.00969	0.00000522	10.9	0.00000955	0.000199
2043 Oct	112	0.103	0.153	0.00476	49.4	0.0383	17.4	0.000975	0.000975	0.00000503	0.00374	0.000568	0.0244	0.00969	0.00000522	10.9	0.00000956	0.000199
2043 Nov	112	0.103	0.154	0.00477	49.4	0.0383	17.4	0.000975	0.000975	0.00000503	0.00374	0.000568	0.0244	0.0097	0.00000522	10.9	0.00000956	0.000199
2043 Dec	112	0.103	0.154	0.00477	49.4	0.0383	17.4	0.000975	0.000975	0.00000503	0.00374	0.000568	0.0244	0.0097	0.00000522	10.9	0.00000956	0.000199
2044 Jan	112	0.103	0.154	0.00477	49.4	0.0383	17.4	0.000975	0.000975	0.00000503	0.00374	0.000568	0.0244	0.0097	0.00000522	10.9	0.00000956	0.000199
2044 Feb	112	0.103	0.154	0.00477	49.4	0.0383	17.4	0.000975	0.000975	0.00000503	0.00374	0.000568	0.0244	0.0097	0.00000522	10.9	0.00000956	0.000199
2044 Mar	112	0.103	0.154	0.00477	49.4	0.0383	17.4	0.000975	0.000975	0.00000503	0.00374	0.000568	0.0244	0.0097	0.00000522	10.9	0.00000956	0.000199
2044 Apr	112	0.103	0.154	0.00477	49.4	0.0383	17.4	0.000975	0.000975	0.00000503	0.00374	0.000568	0.0245	0.0097	0.00000522	10.9	0.00000957	0.000199
2044 May	112	0.103	0.154	0.00477	49.5	0.0383	17.4	0.000976	0.000976	0.00000504	0.00374	0.000569	0.0245	0.00971	0.00000522	10.9	0.00000957	0.000199
2044 Jun	112	0.106	0.16	0.00484	49.5	0.0382	17.5	0.000973	0.000973	0.00000502	0.00376	0.000574	0.0245	0.00975	0.0000052	11	0.00000966	0.0002
2044 Jul	113	0.107	0.162	0.00487	49.6	0.0383	17.6	0.000974	0.000974	0.00000503	0.00378	0.000577	0.0245	0.00978	0.00000521	11	0.00000971	0.000201
2044 Aug	113	0.107	0.162	0.00489	49.8	0.0384	17.6	0.000978	0.000978	0.00000505	0.00379	0.00058	0.0246	0.00982	0.00000523	11	0.00000975	0.000201
2044 Sep	113	0.107	0.162	0.00488	49.8	0.0384	17.6	0.000977	0.000977	0.00000505	0.00379	0.00058	0.0246	0.00982	0.00000523	11	0.00000974	0.000201
2044 Oct	113	0.107	0.163	0.00488	49.8	0.0384	17.7	0.000977	0.000977	0.00000504	0.00379	0.000581	0.0246	0.00982	0.00000523	11	0.00000975	0.000201
2044 Nov	113	0.107	0.163	0.00489	49.8	0.0384	17.7	0.000977	0.000977	0.00000505	0.00379	0.000581	0.0246	0.00983	0.00000523	11	0.00000976	0.000201
2044 Dec	113	0.108	0.163	0.00489	49.8	0.0384	17.7	0.000977	0.000977	0.00000505	0.00379	0.000581	0.0246	0.00983	0.00000523	11	0.00000976	0.000201

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Jan	113	0.108	0.163	0.00489	49.8	0.0384	17.7	0.000977	0.000977	0.00000505	0.00379	0.000581	0.0246	0.00983	0.00000523	11	0.00000976	0.000201
2045 Feb	113	0.108	0.163	0.00489	49.8	0.0384	17.7	0.000977	0.000977	0.00000505	0.00379	0.000581	0.0246	0.00983	0.00000523	11	0.00000976	0.000201
2045 Mar	113	0.108	0.163	0.00489	49.8	0.0384	17.7	0.000977	0.000977	0.00000505	0.0038	0.000581	0.0246	0.00983	0.00000523	11	0.00000976	0.000201
2045 Apr	113	0.108	0.163	0.00489	49.8	0.0384	17.7	0.000977	0.000977	0.00000505	0.0038	0.000581	0.0246	0.00983	0.00000523	11.1	0.00000976	0.000202
2045 May	113	0.108	0.163	0.00489	49.8	0.0385	17.7	0.000978	0.000978	0.00000505	0.0038	0.000582	0.0247	0.00984	0.00000523	11.1	0.00000977	0.000202
2045 Jun	114	0.109	0.167	0.00494	49.9	0.0384	17.7	0.000976	0.000976	0.00000505	0.00382	0.000585	0.0247	0.00986	0.00000522	11.1	0.00000984	0.000202
2045 Jul	114	0.111	0.17	0.00498	50	0.0384	17.8	0.000978	0.000978	0.00000505	0.00383	0.000589	0.0247	0.00989	0.00000523	11.1	0.0000099	0.000203
2045 Aug	114	0.111	0.17	0.00499	50.1	0.0385	17.9	0.00098	0.00098	0.00000506	0.00384	0.000591	0.0248	0.00992	0.00000524	11.2	0.00000992	0.000203
2045 Sep	114	0.111	0.17	0.00499	50.1	0.0386	17.9	0.00098	0.00098	0.00000507	0.00385	0.000591	0.0248	0.00992	0.00000524	11.2	0.00000993	0.000204
2045 Oct	114	0.111	0.17	0.00499	50.1	0.0386	17.9	0.00098	0.00098	0.00000507	0.00385	0.000592	0.0248	0.00993	0.00000525	11.2	0.00000993	0.000204
2045 Nov	114	0.111	0.17	0.00499	50.2	0.0386	17.9	0.000981	0.000981	0.00000507	0.00385	0.000592	0.0248	0.00993	0.00000525	11.2	0.00000994	0.000204
2045 Dec	114	0.111	0.17	0.00499	50.2	0.0386	17.9	0.000981	0.000981	0.00000507	0.00385	0.000592	0.0248	0.00993	0.00000525	11.2	0.00000994	0.000204
2046 Jan	114	0.111	0.17	0.00499	50.2	0.0386	17.9	0.000981	0.000981	0.00000507	0.00385	0.000592	0.0248	0.00993	0.00000525	11.2	0.00000994	0.000204
2046 Feb	114	0.111	0.17	0.00499	50.2	0.0386	17.9	0.000981	0.000981	0.00000507	0.00385	0.000592	0.0248	0.00993	0.00000525	11.2	0.00000994	0.000204
2046 Mar	115	0.111	0.17	0.00499	50.2	0.0386	17.9	0.000981	0.000981	0.00000507	0.00385	0.000592	0.0248	0.00993	0.00000525	11.2	0.00000994	0.000204
2046 Apr	115	0.111	0.17	0.00499	50.2	0.0386	17.9	0.000981	0.000981	0.00000507	0.00385	0.000592	0.0249	0.00993	0.00000525	11.2	0.00000994	0.000204
2046 May	115	0.111	0.17	0.00499	50.2	0.0386	17.9	0.000982	0.000982	0.00000507	0.00385	0.000593	0.0249	0.00994	0.00000525	11.2	0.00000995	0.000204
2046 Jun	115	0.113	0.175	0.00504	50.2	0.0385	18	0.000979	0.000979	0.00000506	0.00387	0.000597	0.0249	0.00997	0.00000524	11.2	0.00001	0.000204
2046 Jul	115	0.115	0.178	0.00509	50.2	0.0385	18.1	0.000978	0.000978	0.00000506	0.00389	0.000601	0.0249	0.00999	0.00000523	11.3	0.0000101	0.000205
2046 Aug	115	0.115	0.179	0.0051	50.3	0.0385	18.1	0.00098	0.00098	0.00000507	0.0039	0.000603	0.0249	0.01	0.00000524	11.3	0.0000101	0.000205
2046 Sep	115	0.115	0.179	0.0051	50.3	0.0385	18.1	0.000979	0.000979	0.00000506	0.0039	0.000603	0.025	0.01	0.00000524	11.3	0.0000101	0.000205
2046 Oct	115	0.116	0.18	0.00511	50.3	0.0385	18.1	0.000978	0.000978	0.00000506	0.0039	0.000605	0.025	0.01	0.00000524	11.3	0.0000101	0.000205
2046 Nov	115	0.116	0.18	0.00511	50.3	0.0385	18.1	0.000979	0.000979	0.00000506	0.00391	0.000605	0.025	0.01	0.00000524	11.3	0.0000101	0.000205
2046 Dec	115	0.116	0.18	0.00511	50.3	0.0385	18.1	0.000979	0.000979	0.00000506	0.00391	0.000605	0.025	0.01	0.00000524	11.3	0.0000101	0.000205
2047 Jan	115	0.116	0.18	0.00511	50.3	0.0385	18.1	0.000979	0.000979	0.00000506	0.00391	0.000605	0.025	0.01	0.00000524	11.3	0.0000101	0.000205
2047 Feb	115	0.116	0.18	0.00511	50.3	0.0385	18.1	0.000979	0.000979	0.00000506	0.00391	0.000605	0.025	0.01	0.00000524	11.3	0.0000101	0.000205
2047 Mar	115	0.116	0.18	0.00511	50.3	0.0385	18.1	0.000979	0.000979	0.00000506	0.00391	0.000605	0.025	0.01	0.00000524	11.3	0.0000101	0.000205
2047 Apr	116	0.116	0.181	0.00512	50.3	0.0386	18.1	0.000979	0.000979	0.00000506	0.00391	0.000605	0.025	0.01	0.00000524	11.3	0.0000101	0.000206
2047 May	116	0.116	0.181	0.00512	50.4	0.0386	18.2	0.000979	0.000979	0.00000507	0.00391	0.000606	0.025	0.0101	0.00000524	11.4	0.0000102	0.000206
2047 Jun	116	0.118	0.185	0.00517	50.4	0.0385	18.2	0.000977	0.000977	0.00000506	0.00393	0.000613	0.025	0.0102	0.00000523	11.5	0.0000102	0.000207
2047 Jul	116	0.118	0.186	0.00519	50.5	0.0386	18.3	0.00098	0.00098	0.00000507	0.00394	0.000615	0.0251	0.0102	0.00000524	11.5	0.0000103	0.000207
2047 Aug	117	0.119	0.186	0.0052	50.7	0.0387	18.4	0.000983	0.000983	0.00000509	0.00395	0.000617	0.0251	0.0102	0.00000526	11.5	0.0000103	0.000208
2047 Sep	117	0.119	0.186	0.0052	50.7	0.0387	18.4	0.000982	0.000982	0.00000508	0.00396	0.000618	0.0252	0.0102	0.00000526	11.5	0.0000103	0.000208
2047 Oct	117	0.119	0.187	0.0052	50.7	0.0387	18.4	0.000982	0.000982	0.00000508	0.00396	0.000619	0.0252	0.0102	0.00000525	11.6	0.0000103	0.000208
2047 Nov	117	0.119	0.187	0.00521	50.7	0.0387	18.4	0.000982	0.000982	0.00000508	0.00396	0.000619	0.0252	0.0102	0.00000525	11.6	0.0000103	0.000208
2047 Dec	117	0.119	0.187	0.00521	50.7	0.0387	18.4	0.000982	0.000982	0.00000508	0.00396	0.000619	0.0252	0.0102	0.00000525	11.6	0.0000103	0.000208
2048 Jan	117	0.119	0.187	0.00521	50.7	0.0387	18.4	0.000982	0.000982	0.00000508	0.00396	0.000619	0.0252	0.0102	0.00000525	11.6	0.0000103	0.000208
2048 Feb	117	0.119	0.187	0.00521	50.7	0.0387	18.4	0.000982	0.000982	0.00000508	0.00396	0.000619	0.0252	0.0102	0.00000525	11.6	0.0000103	0.000208
2048 Mar	117	0.119	0.187	0.00521	50.7	0.0387	18.4	0.000982	0.000982	0.00000508	0.00396	0.000619	0.0252	0.0102	0.00000525	11.6	0.0000103	0.000208
2048 Apr	117	0.119	0.187	0.00521	50.7	0.0387	18.4	0.000982	0.000982	0.00000508	0.00396	0.000619	0.0252	0.0102	0.00000525	11.6	0.0000103	0.000208
2048 May	117	0.119	0.187	0.00521	50.7	0.0387	18.4	0.000983	0.000983	0.00000509	0.00396	0.00062	0.0252	0.0102	0.00000526	11.6	0.0000103	0.000209
2048 Jun	117	0.121	0.191	0.00525	50.7	0.0386	18.5	0.00098	0.00098	0.00000507	0.00398	0.000624	0.0252	0.0103	0.00000525	11.6	0.0000104	0.000209
2048 Jul	117	0.122	0.194	0.00529	50.7	0.0386	18.5	0.00098	0.00098	0.00000507	0.004	0.000628	0.0252	0.0103	0.00000524	11.6	0.0000105	0.000209
2048 Aug	117	0.122	0.195	0.00529	50.7	0.0387	18.6	0.000981	0.000981	0.00000508	0.00401	0.000629	0.0252	0.0103	0.00000525	11.7	0.0000105	0.00021
2048 Sep	117	0.123	0.195	0.0053	50.8	0.0387	18.6	0.000981	0.000981	0.00000508	0.00401	0.000631	0.0253	0.0103	0.00000525	11.7	0.0000105	0.00021
2048 Oct	118	0.123	0.196	0.00531	50.8	0.0387	18.6	0.000981	0.000981	0.00000508	0.00402	0.000631	0.0253	0.0103	0.00000525	11.7	0.0000105	0.00021
2048 Nov	118	0.123	0.196	0.00531	50.8	0.0387	18.6	0.000981	0.000981	0.00000508	0.00402	0.000632	0.0253	0.0103	0.00000525	11.7	0.0000105	0.00021
2048 Dec	118	0.123	0.196	0.00531	50.8	0.0387	18.6	0.000981	0.000981	0.00000508	0.00402	0.000632	0.0253	0.0103	0.00000525	11.7	0.0000105	0.00021
2049 Jan	118	0.123	0.196	0.00531	50.8	0.0387	18.6	0.000981	0.000981	0.00000508	0.00402	0.000632	0.0253	0.0103	0.00000525	11.7	0.0000105	0.00021
2049 Feb	118	0.123	0.196	0.00531	50.8	0.0387	18.6	0.000981	0.000981	0.00000508	0.00402	0.000632	0.0253	0.0103	0.00000525	11.7	0.0000105	0.00021
2049 Mar	118	0.123	0.196	0.00531	50.8	0.0387	18.6	0.000981	0.000981	0.00000508	0.00402	0.000632	0.0253	0.0103	0.00000525	11.7	0.0000105	0.00021
2049 Apr	118	0.123	0.196	0.00531	50.8	0.0387	18.6	0.000981	0.000981	0.00000508	0.00402	0.000632	0.0253	0.0103	0.00000525	11.7	0.0000105	0.00021
2049 May	118	0.123	0.196	0.00531	50.8	0.0387	18.6	0.000982	0.000982	0.00000508	0.00402	0.000632	0.0253	0.0103	0.00000525	11.7	0.0000105	0.00021
2049 Jun	118	0.125	0.2	0.00535	50.7	0.0386	18.7	0.000979	0.000979	0.00000507	0.00404	0.000637	0.0253	0.0104	0.00000524	11.8	0.0000106	0.000211
2049 Jul	118	0.126	0.202	0.00537	50.7	0.0386	18.7	0.000979	0.000979	0.00000507	0.00406	0.00064	0.0253	0.0104	0.00000524	11.8	0.0000107	0.000211
2049 Aug	118	0.126	0.202	0.00539	50.9	0.0387	18.8	0.000982	0.000982	0.00000509	0.00407	0.000642	0.0254	0.0104	0.00000525	11.8	0.0000107	0.000212
2049 Sep	118	0.126	0.202	0.00539	50.9	0.0387	18.8	0.000982	0.000982	0.00000509	0.00407	0.000643	0.0254	0.0104	0.00000525	11.8	0.0000107	0.000212
2049 Oct	118	0.126	0.203	0.00539	50.9	0.0387	18.8	0.000981	0.000981	0.00000508	0.00408	0.000643	0.0254	0.0104	0.00000525	11.8	0.0000107	0.000212
2049 Nov	118	0.126	0.203	0.00539	50.9	0.0387	18.8	0.000981	0.000981	0.00000508	0.00408	0.000644	0.0254	0.0104	0.00000525	11.8	0.0000107	0.000212
2049 Dec	118	0.126	0.203	0.00539	50.9	0.0387	18.8	0.000981	0.000981	0.00000508	0.00408	0.000644	0.0254	0.0104	0.00000525	11.8	0.0000107	0.000212
2050 Jan	118	0.126	0.203	0.00539	50.9	0.0387	18.8	0.000981	0.000981	0.00000508	0.00408	0.000644	0.0254	0.0104	0.00000525	11.8	0.0000107	0.000212
2050 Feb	118	0.126	0.203	0.00539	50.9	0.0387	18.8	0.000981	0.000981	0.00000508	0.00408	0.000644	0.0254	0.0104	0.00000525	11.8	0.0000107	0.000212
2050 Mar	118	0.126	0.203	0.00539	50.9	0.0387	18.8	0.000981	0.000981	0.00000508	0.00408	0.000644	0.0254	0.0104	0.00000525	11.8	0.0000107	0.000212
2050 Apr	118	0.126	0.203	0.0054	50.9	0.0387	18.8	0.000981	0.000981	0.00000509	0.00408	0.000644	0.0254	0.0104	0.00000525	11.8	0.0000107	0.000212
2050 May	118	0.126	0.203	0.0054	50.9	0.0388	18.8	0.000982	0.000982	0.00000509	0.00408	0.000644	0.0254	0.0104	0.00000526	11.9	0.0000108	0.000212
2050 Jun	119	0.128	0.206	0.00543	50.9	0.0387	18.9	0.000981	0.000981	0.00000508	0.0041	0.000649	0.0254	0.0105	0.00000525	11.9	0.0000108	0.000213
2050 Jul	119	0.128	0.208	0.00545	50.8	0.0386	18.9	0.000979	0.000979	0.00000508	0.00411	0.000651	0.0254	0.0105	0.00000524	11.9	0.0000109	0.000213

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Aug	119	0.129	0.208	0.00546	50.9	0.0387	18.9	0.000981	0.000981	0.00000509	0.00412	0.000653	0.0255	0.0105	0.00000525	12	0.0000109	0.000213
2050 Sep	119	0.129	0.209	0.00546	50.9	0.0387	19	0.000981	0.000981	0.00000509	0.00412	0.000654	0.0255	0.0105	0.00000525	12	0.0000109	0.000214
2050 Oct	119	0.129	0.209	0.00546	51	0.0388	19	0.000982	0.000982	0.00000509	0.00413	0.000654	0.0255	0.0105	0.00000525	12	0.0000109	0.000214
2050 Nov	119	0.129	0.209	0.00546	51	0.0388	19	0.000982	0.000982	0.00000509	0.00413	0.000654	0.0255	0.0105	0.00000525	12	0.0000109	0.000214
2050 Dec	119	0.129	0.209	0.00546	51	0.0388	19	0.000982	0.000982	0.00000509	0.00413	0.000654	0.0255	0.0105	0.00000525	12	0.0000109	0.000214
2051 Jan	119	0.129	0.209	0.00546	51	0.0388	19	0.000982	0.000982	0.00000509	0.00413	0.000654	0.0255	0.0105	0.00000525	12	0.0000109	0.000214
2051 Feb	119	0.129	0.209	0.00546	51	0.0388	19	0.000982	0.000982	0.00000509	0.00413	0.000654	0.0255	0.0105	0.00000525	12	0.0000109	0.000214
2051 Mar	119	0.129	0.209	0.00546	51	0.0388	19	0.000982	0.000982	0.00000509	0.00413	0.000654	0.0255	0.0105	0.00000525	12	0.0000109	0.000214
2051 Apr	119	0.129	0.209	0.00546	51	0.0388	19	0.000982	0.000982	0.00000509	0.00413	0.000655	0.0255	0.0105	0.00000526	12	0.0000109	0.000214
2051 May	119	0.129	0.209	0.00547	51	0.0388	19	0.000983	0.000983	0.0000051	0.00413	0.000656	0.0256	0.0106	0.00000526	12	0.0000109	0.000214
2051 Jun	119	0.131	0.213	0.00551	50.9	0.0386	19	0.000979	0.000979	0.00000508	0.00416	0.000663	0.0255	0.0106	0.00000524	12.1	0.000011	0.000215
2051 Jul	119	0.132	0.215	0.00553	50.9	0.0386	19.1	0.00098	0.00098	0.00000508	0.00417	0.000665	0.0255	0.0107	0.00000524	12.1	0.0000111	0.000215
2051 Aug	120	0.132	0.215	0.00553	51	0.0387	19.1	0.000981	0.000981	0.00000509	0.00418	0.000667	0.0256	0.0107	0.00000525	12.1	0.0000111	0.000216
2051 Sep	120	0.132	0.216	0.00553	50.9	0.0387	19.2	0.00098	0.00098	0.00000508	0.00418	0.000668	0.0256	0.0107	0.00000524	12.1	0.0000111	0.000216
2051 Oct	119	0.133	0.217	0.00554	50.8	0.0386	19.2	0.000978	0.000978	0.00000507	0.00419	0.00067	0.0256	0.0107	0.00000523	12.2	0.0000111	0.000216
2051 Nov	119	0.133	0.217	0.00554	50.8	0.0386	19.2	0.000978	0.000978	0.00000507	0.00419	0.00067	0.0256	0.0107	0.00000523	12.2	0.0000111	0.000216
2051 Dec	119	0.133	0.217	0.00555	50.8	0.0386	19.2	0.000978	0.000978	0.00000507	0.00419	0.00067	0.0256	0.0107	0.00000523	12.2	0.0000111	0.000216
2052 Jan	119	0.133	0.217	0.00555	50.8	0.0386	19.2	0.000978	0.000978	0.00000507	0.00419	0.00067	0.0256	0.0107	0.00000523	12.2	0.0000111	0.000216
2052 Feb	119	0.133	0.217	0.00555	50.8	0.0386	19.2	0.000978	0.000978	0.00000507	0.00419	0.00067	0.0256	0.0107	0.00000523	12.2	0.0000111	0.000216
2052 Mar	119	0.133	0.217	0.00555	50.8	0.0386	19.2	0.000978	0.000978	0.00000507	0.00419	0.00067	0.0256	0.0107	0.00000523	12.2	0.0000111	0.000216
2052 Apr	120	0.133	0.217	0.00555	50.9	0.0386	19.2	0.000978	0.000978	0.00000507	0.00419	0.00067	0.0256	0.0107	0.00000523	12.2	0.0000111	0.000216
2052 May	120	0.133	0.217	0.00555	50.9	0.0387	19.2	0.000979	0.000979	0.00000508	0.0042	0.000671	0.0256	0.0107	0.00000524	12.2	0.0000112	0.000216
2052 Jun	120	0.134	0.219	0.00557	50.9	0.0386	19.2	0.000978	0.000978	0.00000507	0.00421	0.000676	0.0256	0.0108	0.00000523	12.3	0.0000112	0.000217
2052 Jul	120	0.134	0.22	0.00558	50.9	0.0387	19.3	0.000979	0.000979	0.00000508	0.00422	0.000678	0.0256	0.0108	0.00000524	12.3	0.0000113	0.000217
2052 Aug	120	0.135	0.22	0.00559	51	0.0387	19.3	0.000981	0.000981	0.00000509	0.00423	0.00068	0.0257	0.0108	0.00000524	12.3	0.0000113	0.000218
2052 Sep	120	0.135	0.221	0.00559	51	0.0388	19.3	0.00098	0.00098	0.00000509	0.00424	0.000681	0.0257	0.0108	0.00000524	12.3	0.0000113	0.000218
2052 Oct	120	0.135	0.221	0.00559	51	0.0388	19.3	0.00098	0.00098	0.00000509	0.00424	0.000682	0.0257	0.0109	0.00000524	12.3	0.0000113	0.000218
2052 Nov	120	0.135	0.221	0.0056	51	0.0388	19.3	0.000981	0.000981	0.00000509	0.00424	0.000682	0.0257	0.0109	0.00000525	12.3	0.0000113	0.000218
2052 Dec	120	0.135	0.221	0.0056	51	0.0388	19.3	0.000981	0.000981	0.00000509	0.00424	0.000682	0.0257	0.0109	0.00000525	12.3	0.0000113	0.000218
2053 Jan	120	0.135	0.221	0.0056	51	0.0388	19.3	0.000981	0.000981	0.00000509	0.00424	0.000682	0.0257	0.0109	0.00000525	12.3	0.0000113	0.000218
2053 Feb	120	0.135	0.221	0.0056	51	0.0388	19.3	0.000981	0.000981	0.00000509	0.00424	0.000682	0.0257	0.0109	0.00000525	12.3	0.0000113	0.000218
2053 Mar	120	0.135	0.221	0.0056	51	0.0388	19.3	0.000981	0.000981	0.00000509	0.00424	0.000682	0.0257	0.0109	0.00000525	12.3	0.0000113	0.000218
2053 Apr	120	0.135	0.221	0.0056	51	0.0388	19.3	0.000981	0.000981	0.00000509	0.00424	0.000682	0.0257	0.0109	0.00000525	12.3	0.0000113	0.000218
2053 May	120	0.135	0.222	0.00561	51	0.0388	19.4	0.000982	0.000982	0.00000509	0.00425	0.000685	0.0258	0.0109	0.00000525	12.4	0.0000113	0.000218
2053 Jun	120	0.137	0.224	0.00562	50.9	0.0386	19.4	0.000979	0.000979	0.00000508	0.00427	0.000691	0.0257	0.011	0.00000523	12.5	0.0000114	0.000219
2053 Jul	121	0.137	0.225	0.00564	51	0.0387	19.5	0.000981	0.000981	0.00000509	0.00428	0.000694	0.0258	0.011	0.00000524	12.5	0.0000115	0.00022
2053 Aug	121	0.137	0.226	0.00566	51.1	0.0389	19.5	0.000983	0.000983	0.0000051	0.00429	0.000696	0.0259	0.0111	0.00000526	12.5	0.0000115	0.000221
2053 Sep	121	0.138	0.226	0.00566	51.2	0.0389	19.6	0.000985	0.000985	0.00000511	0.0043	0.000697	0.0259	0.0111	0.00000527	12.6	0.0000115	0.000221
2053 Oct	121	0.138	0.226	0.00567	51.3	0.0389	19.6	0.000985	0.000985	0.00000511	0.0043	0.000698	0.0259	0.0111	0.00000527	12.6	0.0000115	0.000221
2053 Nov	121	0.138	0.226	0.00567	51.3	0.039	19.6	0.000985	0.000985	0.00000511	0.0043	0.000698	0.0259	0.0111	0.00000527	12.6	0.0000115	0.000221
2053 Dec	121	0.138	0.226	0.00567	51.3	0.039	19.6	0.000986	0.000986	0.00000511	0.0043	0.000698	0.0259	0.0111	0.00000527	12.6	0.0000115	0.000221
2054 Jan	121	0.138	0.226	0.00567	51.3	0.039	19.6	0.000986	0.000986	0.00000511	0.0043	0.000698	0.0259	0.0111	0.00000527	12.6	0.0000115	0.000221
2054 Feb	121	0.138	0.226	0.00567	51.3	0.039	19.6	0.000986	0.000986	0.00000511	0.0043	0.000698	0.0259	0.0111	0.00000527	12.6	0.0000115	0.000221
2054 Mar	121	0.138	0.226	0.00567	51.3	0.039	19.6	0.000986	0.000986	0.00000511	0.0043	0.000698	0.0259	0.0111	0.00000527	12.6	0.0000115	0.000221
2054 Apr	121	0.138	0.226	0.00567	51.3	0.039	19.6	0.000986	0.000986	0.00000512	0.0043	0.000698	0.0259	0.0111	0.00000527	12.6	0.0000115	0.000221
2054 May	122	0.138	0.227	0.00567	51.3	0.039	19.6	0.000986	0.000986	0.00000512	0.00431	0.000699	0.026	0.0111	0.00000528	12.6	0.0000115	0.000221
2054 Jun	121	0.138	0.228	0.00567	51.1	0.0388	19.6	0.000983	0.000983	0.0000051	0.00432	0.000703	0.0259	0.0112	0.00000526	12.7	0.0000116	0.000222
2054 Jul	121	0.139	0.229	0.00568	51.1	0.0388	19.6	0.000983	0.000983	0.0000051	0.00433	0.000706	0.0259	0.0112	0.00000526	12.7	0.0000116	0.000222
2054 Aug	122	0.139	0.229	0.00569	51.1	0.0389	19.6	0.000984	0.000984	0.00000511	0.00434	0.000707	0.026	0.0112	0.00000526	12.7	0.0000116	0.000223
2054 Sep	122	0.139	0.229	0.00569	51.2	0.0389	19.7	0.000984	0.000984	0.00000511	0.00434	0.000708	0.026	0.0112	0.00000526	12.7	0.0000116	0.000223
2054 Oct	122	0.139	0.23	0.00569	51.1	0.0389	19.7	0.000984	0.000984	0.00000511	0.00434	0.000709	0.026	0.0112	0.00000526	12.7	0.0000117	0.000223
2054 Nov	122	0.139	0.23	0.00569	51.1	0.0389	19.7	0.000984	0.000984	0.00000511	0.00435	0.000709	0.026	0.0113	0.00000526	12.7	0.0000117	0.000223
2054 Dec	122	0.139	0.23	0.00569	51.1	0.0389	19.7	0.000984	0.000984	0.00000511	0.00435	0.000709	0.026	0.0113	0.00000526	12.7	0.0000117	0.000223
2055 Jan	122	0.139	0.23	0.00569	51.1	0.0389	19.7	0.000984	0.000984	0.00000511	0.00435	0.000709	0.026	0.0113	0.00000526	12.7	0.0000117	0.000223
2055 Feb	122	0.139	0.23	0.00569	51.1	0.0389	19.7	0.000984	0.000984	0.00000511	0.00435	0.000709	0.026	0.0113	0.00000526	12.7	0.0000117	0.000223
2055 Mar	122	0.139	0.23	0.00569	51.1	0.0389	19.7	0.000984	0.000984	0.00000511	0.00435	0.000709	0.026	0.0113	0.00000526	12.7	0.0000117	0.000223
2055 Apr	122	0.139	0.23	0.00569	51.1	0.0389	19.7	0.000984	0.000984	0.00000511	0.00435	0.000709	0.026	0.0113	0.00000526	12.7	0.0000117	0.000223
2055 May	122	0.14	0.23	0.0057	51.2	0.0389	19.7	0.000985	0.000985	0.00000511	0.00435	0.00071	0.026	0.0113	0.00000527	12.7	0.0000117	0.000223
2055 Jun	122	0.14	0.232	0.00571	50.9	0.0388	19.7	0.000982	0.000982	0.0000051	0.00437	0.000714	0.026	0.0113	0.00000525	12.8	0.0000118	0.000223
2055 Jul	122	0.141	0.233	0.00572	50.9	0.0388	19.7	0.000982	0.000982	0.0000051	0.00438	0.000717	0.026	0.0113	0.00000525	12.8	0.0000118	0.000224
2055 Aug	122	0.141	0.234	0.00573	51	0.0389	19.8	0.000984	0.000984	0.00000511	0.0044	0.000718	0.0261	0.0113	0.00000526	12.8	0.0000118	0.000224
2055 Sep	122	0.141	0.233	0.00573	51.1	0.0389	19.8	0.000984	0.000984	0.00000511	0.0044	0.000719	0.0261	0.0113	0.00000526	12.8	0.0000118	0.000224
2055 Oct	122	0.141	0.234	0.00573	51.1	0.0389	19.8	0.000985	0.000985	0.00000511	0.0044	0.000719	0.0261	0.0113	0.00000527	12.8	0.0000118	0.000224
2055 Nov	122	0.141	0.234	0.00573	51.1	0.0389	19.8	0.000985	0.000985	0.00000511	0.0044	0.00072	0.0261	0.0113	0.00000527	12.8	0.0000118	0.000225
2055 Dec	122	0.141	0.234	0.00573	51.1	0.0389	19.8	0.000985	0.000985	0.00000511	0.0044	0.00072	0.0261	0.0113	0.00000527	12.8	0.0000118	0.000225
2056 Jan	122	0.141	0.234	0.00573	51.1	0.0389	19.8	0.000985	0.000985	0.00000511	0.0044	0.00072	0.0261	0.0113	0.00000527	12.8	0.0000118	0.000225
2056 Feb	122	0.141	0.234	0.00573	51.1	0.0389	19.8	0.000985	0.000985	0.00000511	0.0044	0.00072	0.0261	0.0113	0.00000527	12.8	0.0000118	0.000225

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Mar	122	0.141	0.234	0.00573	51.1	0.0389	19.8	0.000985	0.000985	0.00000511	0.0044	0.00072	0.0261	0.0113	0.00000527	12.8	0.0000118	0.000225
2056 Apr	122	0.141	0.234	0.00573	51.1	0.0389	19.8	0.000985	0.000985	0.00000511	0.0044	0.00072	0.0261	0.0114	0.00000527	12.8	0.0000119	0.000225
2056 May	122	0.141	0.234	0.00574	51.1	0.039	19.8	0.000986	0.000986	0.00000512	0.00441	0.000722	0.0261	0.0114	0.00000527	12.9	0.0000119	0.000225
2056 Jun	122	0.142	0.236	0.00574	50.9	0.0388	19.8	0.000983	0.000983	0.0000051	0.00442	0.000727	0.026	0.0115	0.00000525	13	0.0000119	0.000226
2056 Jul	122	0.142	0.236	0.00576	51	0.0389	19.9	0.000985	0.000985	0.00000512	0.00444	0.00073	0.0261	0.0115	0.00000527	13	0.000012	0.000226
2056 Aug	123	0.143	0.236	0.00576	51.1	0.039	19.9	0.000987	0.000987	0.00000512	0.00444	0.000732	0.0262	0.0115	0.00000528	13	0.000012	0.000227
2056 Sep	123	0.143	0.237	0.00577	51.2	0.039	20	0.000988	0.000988	0.00000513	0.00445	0.000733	0.0262	0.0116	0.00000528	13	0.000012	0.000227
2056 Oct	123	0.143	0.237	0.00576	51.1	0.039	20	0.000987	0.000987	0.00000513	0.00445	0.000733	0.0262	0.0116	0.00000528	13	0.000012	0.000227
2056 Nov	123	0.143	0.237	0.00577	51.1	0.039	20	0.000987	0.000987	0.00000513	0.00445	0.000733	0.0262	0.0116	0.00000528	13	0.000012	0.000227
2056 Dec	123	0.143	0.237	0.00577	51.1	0.039	20	0.000987	0.000987	0.00000513	0.00445	0.000733	0.0262	0.0116	0.00000528	13	0.000012	0.000227
2057 Jan	123	0.143	0.237	0.00577	51.1	0.039	20	0.000987	0.000987	0.00000513	0.00445	0.000733	0.0262	0.0116	0.00000528	13	0.000012	0.000227
2057 Feb	123	0.143	0.237	0.00577	51.1	0.039	20	0.000987	0.000987	0.00000513	0.00445	0.000733	0.0262	0.0116	0.00000528	13	0.000012	0.000227
2057 Mar	123	0.143	0.237	0.00577	51.2	0.039	20	0.000988	0.000988	0.00000513	0.00445	0.000733	0.0262	0.0116	0.00000528	13	0.000012	0.000227
2057 Apr	123	0.143	0.237	0.00577	51.2	0.039	20	0.000988	0.000988	0.00000513	0.00446	0.000733	0.0262	0.0116	0.00000528	13	0.000012	0.000227
2057 May	123	0.143	0.237	0.00577	51.2	0.0391	20	0.000989	0.000989	0.00000513	0.00446	0.000734	0.0263	0.0116	0.00000529	13.1	0.000012	0.000228
2057 Jun	123	0.144	0.238	0.00577	51	0.0389	20	0.000986	0.000986	0.00000512	0.00448	0.00074	0.0262	0.0117	0.00000527	13.1	0.0000121	0.000228
2057 Jul	123	0.144	0.239	0.00578	51	0.039	20	0.000987	0.000987	0.00000513	0.00449	0.000742	0.0262	0.0117	0.00000528	13.2	0.0000122	0.000229
2057 Aug	123	0.144	0.24	0.00581	51.2	0.0391	20.1	0.000991	0.000991	0.00000515	0.00451	0.000745	0.0264	0.0117	0.0000053	13.2	0.0000122	0.000229
2057 Sep	123	0.145	0.24	0.00581	51.3	0.0392	20.1	0.000992	0.000992	0.00000515	0.00451	0.000746	0.0264	0.0117	0.0000053	13.2	0.0000122	0.00023
2057 Oct	123	0.145	0.24	0.00581	51.3	0.0392	20.1	0.000992	0.000992	0.00000515	0.00452	0.000746	0.0264	0.0117	0.0000053	13.2	0.0000122	0.00023
2057 Nov	124	0.145	0.24	0.00581	51.3	0.0392	20.1	0.000992	0.000992	0.00000515	0.00452	0.000746	0.0264	0.0117	0.0000053	13.2	0.0000122	0.00023
2057 Dec	124	0.145	0.24	0.00581	51.3	0.0392	20.1	0.000992	0.000992	0.00000515	0.00452	0.000746	0.0264	0.0117	0.0000053	13.2	0.0000122	0.00023
2058 Jan	124	0.145	0.24	0.00581	51.3	0.0392	20.1	0.000992	0.000992	0.00000515	0.00452	0.000746	0.0264	0.0117	0.0000053	13.2	0.0000122	0.00023
2058 Feb	124	0.145	0.24	0.00581	51.3	0.0392	20.1	0.000992	0.000992	0.00000515	0.00452	0.000746	0.0264	0.0117	0.0000053	13.2	0.0000122	0.00023
2058 Mar	124	0.145	0.24	0.00581	51.3	0.0392	20.1	0.000992	0.000992	0.00000515	0.00452	0.000746	0.0264	0.0117	0.0000053	13.2	0.0000122	0.00023
2058 Apr	124	0.145	0.24	0.00581	51.3	0.0392	20.1	0.000992	0.000992	0.00000515	0.00452	0.000747	0.0264	0.0117	0.00000531	13.2	0.0000122	0.00023
2058 May	124	0.145	0.241	0.00582	51.3	0.0392	20.2	0.000993	0.000993	0.00000516	0.00452	0.000749	0.0264	0.0118	0.00000531	13.3	0.0000123	0.00023
2058 Jun	123	0.145	0.242	0.0058	50.9	0.039	20.1	0.000988	0.000988	0.00000513	0.00454	0.000756	0.0263	0.0119	0.00000528	13.4	0.0000123	0.000231
2058 Jul	123	0.146	0.243	0.00582	51	0.039	20.2	0.00099	0.00099	0.00000514	0.00455	0.000758	0.0264	0.012	0.00000529	13.4	0.0000124	0.000232
2058 Aug	124	0.146	0.243	0.00583	51.1	0.0391	20.2	0.000992	0.000992	0.00000515	0.00456	0.00076	0.0264	0.012	0.0000053	13.4	0.0000124	0.000232
2058 Sep	124	0.146	0.243	0.00583	51.2	0.0391	20.2	0.000992	0.000992	0.00000515	0.00457	0.000761	0.0265	0.012	0.0000053	13.5	0.0000124	0.000232
2058 Oct	124	0.146	0.243	0.00583	51.1	0.0391	20.2	0.000992	0.000992	0.00000515	0.00457	0.000762	0.0265	0.012	0.0000053	13.5	0.0000124	0.000233
2058 Nov	124	0.146	0.243	0.00583	51.1	0.0392	20.3	0.000992	0.000992	0.00000515	0.00457	0.000762	0.0265	0.012	0.0000053	13.5	0.0000124	0.000233
2058 Dec	124	0.146	0.243	0.00583	51.1	0.0392	20.3	0.000992	0.000992	0.00000515	0.00457	0.000762	0.0265	0.012	0.0000053	13.5	0.0000124	0.000233
2059 Jan	124	0.146	0.243	0.00583	51.1	0.0392	20.3	0.000992	0.000992	0.00000515	0.00457	0.000762	0.0265	0.012	0.0000053	13.5	0.0000124	0.000233
2059 Feb	124	0.146	0.243	0.00583	51.1	0.0392	20.3	0.000992	0.000992	0.00000515	0.00457	0.000762	0.0265	0.012	0.0000053	13.5	0.0000124	0.000233
2059 Mar	124	0.146	0.243	0.00583	51.1	0.0392	20.3	0.000992	0.000992	0.00000515	0.00457	0.000762	0.0265	0.012	0.0000053	13.5	0.0000124	0.000233
2059 Apr	124	0.146	0.243	0.00583	51.2	0.0392	20.3	0.000992	0.000992	0.00000515	0.00457	0.000762	0.0265	0.012	0.0000053	13.5	0.0000124	0.000233
2059 May	124	0.146	0.244	0.00583	51.2	0.0392	20.3	0.000993	0.000993	0.00000516	0.00458	0.000764	0.0265	0.012	0.0000053	13.5	0.0000124	0.000233
2059 Jun	124	0.147	0.244	0.00584	51.1	0.0391	20.3	0.000992	0.000992	0.00000515	0.00459	0.000769	0.0265	0.0121	0.0000053	13.6	0.0000125	0.000234
2059 Jul	124	0.147	0.245	0.00586	51.3	0.0393	20.4	0.000996	0.000996	0.00000517	0.00461	0.000772	0.0266	0.0122	0.00000532	13.6	0.0000126	0.000235
2059 Aug	125	0.148	0.246	0.00588	51.4	0.0394	20.4	0.000999	0.000999	0.00000519	0.00463	0.000774	0.0267	0.0122	0.00000534	13.7	0.0000126	0.000235
2059 Sep	125	0.148	0.246	0.00588	51.5	0.0394	20.5	0.001	0.001	0.00000519	0.00463	0.000775	0.0267	0.0122	0.00000534	13.7	0.0000126	0.000236
2059 Oct	125	0.148	0.246	0.00586	51.3	0.0394	20.4	0.000997	0.000997	0.00000518	0.00463	0.000775	0.0267	0.0122	0.00000533	13.7	0.0000126	0.000235
2059 Nov	125	0.148	0.246	0.00586	51.3	0.0394	20.4	0.000997	0.000997	0.00000518	0.00463	0.000775	0.0267	0.0122	0.00000533	13.7	0.0000126	0.000235
2059 Dec	125	0.148	0.246	0.00586	51.3	0.0394	20.4	0.000997	0.000997	0.00000518	0.00463	0.000775	0.0267	0.0122	0.00000533	13.7	0.0000126	0.000235
2060 Jan	125	0.148	0.246	0.00586	51.3	0.0394	20.4	0.000997	0.000997	0.00000518	0.00463	0.000775	0.0267	0.0122	0.00000533	13.7	0.0000126	0.000235
2060 Feb	125	0.148	0.246	0.00586	51.3	0.0394	20.4	0.000997	0.000997	0.00000518	0.00463	0.000775	0.0267	0.0122	0.00000533	13.7	0.0000126	0.000235
2060 Mar	125	0.148	0.246	0.00586	51.3	0.0394	20.4	0.000997	0.000997	0.00000518	0.00463	0.000775	0.0267	0.0122	0.00000533	13.7	0.0000126	0.000235
2060 Apr	125	0.148	0.246	0.00586	51.3	0.0394	20.4	0.000997	0.000997	0.00000518	0.00463	0.000775	0.0267	0.0122	0.00000533	13.7	0.0000126	0.000236
2060 May	125	0.148	0.246	0.00587	51.3	0.0394	20.4	0.000998	0.000998	0.00000518	0.00464	0.000778	0.0267	0.0123	0.00000533	13.7	0.0000126	0.000236
2060 Jun	125	0.148	0.247	0.00586	51.1	0.0392	20.4	0.000995	0.000995	0.00000517	0.00465	0.000784	0.0266	0.0124	0.00000532	13.8	0.0000127	0.000237
2060 Jul	125	0.149	0.248	0.00588	51.3	0.0394	20.5	0.000999	0.000999	0.00000519	0.00467	0.000787	0.0267	0.0124	0.00000534	13.9	0.0000128	0.000238
2060 Aug	125	0.149	0.248	0.00589	51.4	0.0395	20.6	0.001	0.001	0.0000052	0.00468	0.000789	0.0268	0.0125	0.00000534	13.9	0.0000128	0.000238
2060 Sep	125	0.149	0.248	0.00588	51.3	0.0394	20.6	0.000999	0.000999	0.00000519	0.00468	0.00079	0.0268	0.0125	0.00000534	13.9	0.0000128	0.000238
2060 Oct	125	0.149	0.248	0.00588	51.2	0.0394	20.6	0.000998	0.000998	0.00000519	0.00468	0.000791	0.0268	0.0125	0.00000533	13.9	0.0000128	0.000238
2060 Nov	125	0.149	0.248	0.00588	51.2	0.0394	20.6	0.000998	0.000998	0.00000519	0.00469	0.000791	0.0267	0.0125	0.00000533	13.9	0.0000128	0.000238
2060 Dec	125	0.149	0.248	0.00588	51.2	0.0394	20.6	0.000998	0.000998	0.00000519	0.00469	0.000791	0.0267	0.0125	0.00000533	13.9	0.0000128	0.000238
2061 Jan	125	0.149	0.248	0.00588	51.2	0.0394	20.6	0.000998	0.000998	0.00000519	0.00469	0.000791	0.0267	0.0125	0.00000533	13.9	0.0000128	0.000238
2061 Feb	125	0.149	0.248	0.00588	51.2	0.0394	20.6	0.000998	0.000998	0.00000519	0.00469	0.000791	0.0267	0.0125	0.00000533	13.9	0.0000128	0.000238
2061 Mar	125	0.149	0.248	0.00588	51.2	0.0394	20.6	0.000998	0.000998	0.00000519	0.00469	0.000791	0.0267	0.0125	0.00000533	13.9	0.0000128	0.000238
2061 Apr	125	0.149	0.248	0.00588	51.2	0.0394	20.6	0.000999	0.000999	0.00000519	0.00469	0.000791	0.0268	0.0125	0.00000533	13.9	0.0000128	0.000238
2061 May	125	0.15	0.249	0.00588	51.2	0.0394	20.6	0.000999	0.000999	0.00000519	0.0047	0.000794	0.0267	0.0125	0.00000534	14	0.0000128	0.000239
2061 Jun	125	0.15	0.249	0.00587	50.9	0.0392	20.5	0.000995	0.000995	0.00000517	0.00471	0.0008	0.0266	0.0126	0.00000531	14	0.0000129	0.000239
2061 Jul	125	0.15	0.25	0.00588	51	0.0393	20.6	0.000998	0.000998	0.00000518	0.00472	0.000803	0.0267	0.0127	0.00000533	14.1	0.0000129	0.00024
2061 Aug	126	0.151	0.251	0.0059	51.2	0.0395	20.7	0.001	0.001	0.0000052	0.00474	0.000805	0.0268	0.0127	0.00000534	14.1	0.000013	0.000241
2061 Sep	126	0.151	0.251	0.0059	51.2	0.0395	20.7	0.001	0.001	0.0000052	0.00474	0.000806	0.0269	0.0127	0.00000535	14.1	0.000013	0.000241

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Oct	126	0.15	0.25	0.00589	51.1	0.0395	20.7	0.001	0.001	0.00000519	0.00474	0.000806	0.0268	0.0127	0.00000534	14.1	0.000013	0.000241
2061 Nov	126	0.151	0.25	0.00589	51.1	0.0394	20.7	0.000999	0.000999	0.00000519	0.00474	0.000806	0.0268	0.0127	0.00000534	14.1	0.000013	0.000241
2061 Dec	126	0.151	0.25	0.00589	51.1	0.0394	20.7	0.000999	0.000999	0.00000519	0.00474	0.000806	0.0268	0.0127	0.00000534	14.1	0.000013	0.000241
2062 Jan	126	0.151	0.25	0.00589	51.1	0.0394	20.7	0.000999	0.000999	0.00000519	0.00474	0.000806	0.0268	0.0127	0.00000534	14.1	0.000013	0.000241
2062 Feb	126	0.151	0.25	0.00589	51.1	0.0395	20.7	0.000999	0.000999	0.00000519	0.00474	0.000806	0.0268	0.0127	0.00000534	14.1	0.000013	0.000241
2062 Mar	126	0.151	0.25	0.00589	51.1	0.0395	20.7	0.000999	0.000999	0.00000519	0.00474	0.000806	0.0268	0.0127	0.00000534	14.1	0.000013	0.000241
2062 Apr	126	0.151	0.25	0.00589	51.1	0.0395	20.7	0.001	0.001	0.00000519	0.00474	0.000806	0.0268	0.0127	0.00000534	14.1	0.000013	0.000241
2062 May	126	0.151	0.25	0.00589	51.2	0.0395	20.7	0.001	0.001	0.0000052	0.00475	0.000807	0.0269	0.0127	0.00000534	14.1	0.000013	0.000241
2062 Jun	125	0.151	0.251	0.00588	50.9	0.0394	20.7	0.000998	0.000998	0.00000519	0.00476	0.00081	0.0268	0.0128	0.00000533	14.2	0.0000131	0.000241
2062 Jul	125	0.151	0.251	0.00588	50.8	0.0393	20.7	0.000998	0.000998	0.00000519	0.00478	0.000813	0.0268	0.0128	0.00000533	14.2	0.0000131	0.000242
2062 Aug	125	0.151	0.251	0.00589	50.8	0.0394	20.7	0.000999	0.000999	0.00000519	0.00478	0.000814	0.0268	0.0128	0.00000533	14.2	0.0000131	0.000242
2062 Sep	125	0.151	0.251	0.00588	50.8	0.0394	20.7	0.000998	0.000998	0.00000519	0.00479	0.000815	0.0268	0.0128	0.00000533	14.2	0.0000131	0.000242
2062 Oct	125	0.151	0.251	0.00587	50.6	0.0393	20.7	0.000996	0.000996	0.00000517	0.00479	0.000816	0.0268	0.0128	0.00000532	14.2	0.0000131	0.000242
2062 Nov	125	0.151	0.251	0.00587	50.6	0.0393	20.7	0.000996	0.000996	0.00000517	0.00479	0.000816	0.0268	0.0128	0.00000532	14.2	0.0000131	0.000242
2062 Dec	125	0.151	0.251	0.00587	50.6	0.0393	20.7	0.000996	0.000996	0.00000517	0.00479	0.000816	0.0268	0.0128	0.00000532	14.2	0.0000131	0.000242
2063 Jan	125	0.151	0.251	0.00587	50.6	0.0393	20.7	0.000996	0.000996	0.00000517	0.00479	0.000816	0.0268	0.0128	0.00000532	14.2	0.0000131	0.000242
2063 Feb	125	0.151	0.251	0.00587	50.6	0.0393	20.7	0.000996	0.000996	0.00000517	0.00479	0.000816	0.0268	0.0128	0.00000532	14.2	0.0000131	0.000242
2063 Mar	125	0.151	0.251	0.00587	50.6	0.0393	20.7	0.000996	0.000996	0.00000517	0.00479	0.000816	0.0268	0.0128	0.00000532	14.2	0.0000131	0.000242
2063 Apr	125	0.151	0.251	0.00587	50.6	0.0393	20.7	0.000996	0.000996	0.00000517	0.00479	0.000817	0.0268	0.0128	0.00000532	14.2	0.0000131	0.000242
2063 May	125	0.151	0.252	0.00587	50.6	0.0393	20.7	0.000997	0.000997	0.00000518	0.0048	0.000818	0.0268	0.0129	0.00000532	14.3	0.0000132	0.000242
2063 Jun	124	0.151	0.251	0.00583	50	0.039	20.6	0.00099	0.00099	0.00000514	0.00481	0.000825	0.0266	0.013	0.00000528	14.4	0.0000132	0.000243
2063 Jul	124	0.151	0.252	0.00583	50	0.039	20.6	0.00099	0.00099	0.00000514	0.00482	0.000827	0.0266	0.013	0.00000528	14.4	0.0000133	0.000243
2063 Aug	125	0.152	0.252	0.00585	50.1	0.0391	20.7	0.000993	0.000993	0.00000516	0.00484	0.00083	0.0267	0.0131	0.0000053	14.4	0.0000133	0.000244
2063 Sep	125	0.152	0.252	0.00585	50.2	0.0391	20.7	0.000993	0.000993	0.00000516	0.00484	0.00083	0.0267	0.0131	0.0000053	14.4	0.0000133	0.000244
2063 Oct	125	0.152	0.252	0.00584	50.1	0.0391	20.7	0.000993	0.000993	0.00000516	0.00484	0.000831	0.0267	0.0131	0.0000053	14.4	0.0000133	0.000244
2063 Nov	125	0.152	0.252	0.00584	50.1	0.0391	20.7	0.000993	0.000993	0.00000516	0.00484	0.000831	0.0267	0.0131	0.0000053	14.4	0.0000133	0.000244
2063 Dec	125	0.152	0.252	0.00584	50.1	0.0391	20.7	0.000993	0.000993	0.00000516	0.00484	0.000831	0.0267	0.0131	0.0000053	14.4	0.0000133	0.000244
2064 Jan	125	0.152	0.252	0.00584	50.1	0.0391	20.7	0.000993	0.000993	0.00000516	0.00484	0.000831	0.0267	0.0131	0.0000053	14.4	0.0000133	0.000244
2064 Feb	125	0.152	0.252	0.00584	50.1	0.0391	20.7	0.000993	0.000993	0.00000516	0.00484	0.000831	0.0267	0.0131	0.0000053	14.4	0.0000133	0.000244
2064 Mar	125	0.152	0.252	0.00585	50.1	0.0391	20.7	0.000993	0.000993	0.00000516	0.00484	0.000831	0.0267	0.0131	0.0000053	14.4	0.0000133	0.000244
2064 Apr	125	0.152	0.252	0.00585	50.1	0.0391	20.7	0.000993	0.000993	0.00000516	0.00484	0.000831	0.0267	0.0131	0.0000053	14.4	0.0000133	0.000244
2064 May	125	0.152	0.252	0.00584	50.1	0.0391	20.7	0.000993	0.000993	0.00000516	0.00485	0.000833	0.0267	0.0131	0.0000053	14.5	0.0000134	0.000244
2064 Jun	124	0.152	0.252	0.00581	49.7	0.0389	20.6	0.000989	0.000989	0.00000514	0.00486	0.000839	0.0266	0.0133	0.00000527	14.6	0.0000134	0.000245
2064 Jul	125	0.152	0.252	0.00583	49.8	0.039	20.7	0.000991	0.000991	0.00000515	0.00487	0.000842	0.0267	0.0133	0.00000528	14.6	0.0000135	0.000246
2064 Aug	125	0.152	0.253	0.00583	49.9	0.039	20.7	0.000992	0.000992	0.00000515	0.00488	0.000844	0.0267	0.0133	0.00000529	14.6	0.0000135	0.000246
2064 Sep	125	0.152	0.253	0.00583	49.8	0.039	20.7	0.000991	0.000991	0.00000515	0.00489	0.000845	0.0267	0.0133	0.00000529	14.6	0.0000135	0.000246
2064 Oct	125	0.152	0.253	0.00583	49.8	0.039	20.7	0.000992	0.000992	0.00000515	0.00489	0.000846	0.0267	0.0133	0.00000529	14.7	0.0000135	0.000246
2064 Nov	125	0.152	0.253	0.00583	49.8	0.039	20.7	0.000992	0.000992	0.00000515	0.00489	0.000846	0.0267	0.0133	0.00000529	14.7	0.0000135	0.000246
2064 Dec	125	0.152	0.253	0.00583	49.8	0.039	20.7	0.000992	0.000992	0.00000515	0.00489	0.000846	0.0267	0.0133	0.00000529	14.7	0.0000135	0.000246
2065 Jan	125	0.152	0.253	0.00583	49.8	0.039	20.7	0.000992	0.000992	0.00000515	0.00489	0.000846	0.0267	0.0133	0.00000529	14.7	0.0000135	0.000246
2065 Feb	125	0.152	0.253	0.00583	49.8	0.039	20.7	0.000992	0.000992	0.00000515	0.00489	0.000846	0.0267	0.0133	0.00000529	14.7	0.0000135	0.000246
2065 Mar	125	0.152	0.253	0.00583	49.8	0.039	20.7	0.000992	0.000992	0.00000515	0.00489	0.000846	0.0267	0.0133	0.00000529	14.7	0.0000135	0.000246
2065 Apr	125	0.152	0.253	0.00583	49.8	0.039	20.7	0.000992	0.000992	0.00000515	0.00489	0.000846	0.0267	0.0133	0.00000529	14.7	0.0000135	0.000246
2065 May	125	0.152	0.253	0.00583	49.8	0.0391	20.7	0.000993	0.000993	0.00000516	0.0049	0.000848	0.0267	0.0134	0.00000529	14.7	0.0000135	0.000247
2065 Jun	124	0.152	0.253	0.00581	49.5	0.0389	20.7	0.00099	0.00099	0.00000514	0.00491	0.000853	0.0266	0.0135	0.00000528	14.8	0.0000136	0.000247
2065 Jul	125	0.153	0.253	0.00582	49.6	0.039	20.8	0.000993	0.000993	0.00000516	0.00493	0.000856	0.0267	0.0135	0.00000529	14.8	0.0000136	0.000248
2065 Aug	125	0.153	0.254	0.00584	49.8	0.0391	20.8	0.000995	0.000995	0.00000517	0.00494	0.000859	0.0268	0.0136	0.00000531	14.9	0.0000137	0.000249
2065 Sep	125	0.153	0.254	0.00583	49.7	0.0391	20.8	0.000994	0.000994	0.00000516	0.00494	0.000859	0.0268	0.0136	0.0000053	14.9	0.0000137	0.000249
2065 Oct	125	0.153	0.253	0.00581	49.5	0.039	20.8	0.000991	0.000991	0.00000515	0.00495	0.00086	0.0267	0.0136	0.00000528	14.9	0.0000137	0.000248
2065 Nov	125	0.153	0.253	0.0058	49.5	0.039	20.8	0.000991	0.000991	0.00000515	0.00495	0.00086	0.0267	0.0136	0.00000528	14.9	0.0000137	0.000248
2065 Dec	125	0.153	0.253	0.0058	49.5	0.039	20.8	0.000991	0.000991	0.00000515	0.00495	0.00086	0.0267	0.0136	0.00000528	14.9	0.0000137	0.000248
2066 Jan	125	0.153	0.253	0.0058	49.5	0.039	20.8	0.000991	0.000991	0.00000515	0.00495	0.00086	0.0267	0.0136	0.00000528	14.9	0.0000137	0.000248
2066 Feb	125	0.153	0.253	0.0058	49.5	0.039	20.8	0.000991	0.000991	0.00000515	0.00495	0.00086	0.0267	0.0136	0.00000528	14.9	0.0000137	0.000248
2066 Mar	125	0.153	0.253	0.00581	49.5	0.039	20.8	0.000991	0.000991	0.00000515	0.00495	0.00086	0.0267	0.0136	0.00000528	14.9	0.0000137	0.000248
2066 Apr	125	0.153	0.253	0.00581	49.5	0.039	20.8	0.000991	0.000991	0.00000515	0.00495	0.00086	0.0267	0.0136	0.00000529	14.9	0.0000137	0.000248
2066 May	125	0.153	0.253	0.00581	49.5	0.039	20.8	0.000992	0.000992	0.00000515	0.00495	0.000861	0.0268	0.0136	0.00000529	14.9	0.0000137	0.000249
2066 Jun	124	0.152	0.253	0.00578	49.1	0.0388	20.7	0.000989	0.000989	0.00000513	0.00497	0.000865	0.0266	0.0137	0.00000527	14.9	0.0000137	0.000249
2066 Jul	124	0.153	0.253	0.00579	49.2	0.0389	20.8	0.000992	0.000992	0.00000515	0.00499	0.000869	0.0267	0.0137	0.00000528	15	0.0000138	0.00025
2066 Aug	125	0.153	0.254	0.00581	49.4	0.0391	20.9	0.000994	0.000994	0.00000516	0.005	0.000872	0.0268	0.0137	0.0000053	15	0.0000139	0.000251
2066 Sep	125	0.153	0.254	0.00581	49.4	0.0391	20.9	0.000995	0.000995	0.00000517	0.00501	0.000872	0.0268	0.0138	0.0000053	15	0.0000139	0.000251
2066 Oct	125	0.153	0.254	0.0058	49.3	0.0391	20.9	0.000994	0.000994	0.00000516	0.00501	0.000872	0.0268	0.0138	0.0000053	15	0.0000139	0.000251
2066 Nov	125	0.153	0.254	0.0058	49.3	0.0391	20.9	0.000994	0.000994	0.00000516	0.00501	0.000872	0.0268	0.0138	0.0000053	15	0.0000139	0.000251
2066 Dec	125	0.153	0.254	0.0058	49.3	0.0391	20.9	0.000994	0.000994	0.00000516	0.00501	0.000872	0.0268	0.0138	0.0000053	15	0.0000139	0.000251
2067 Jan	125	0.153	0.254	0.0058	49.3	0.0391	20.9	0.000994	0.000994	0.00000516	0.00501	0.000872	0.0268	0.0138	0.0000053	15	0.0000139	0.000251
2067 Feb	125	0.153	0.254	0.0058	49.3	0.0391	20.9	0.000994	0.000994	0.00000516	0.00501	0.000872	0.0268	0.0138	0.0000053	15	0.0000139	0.000251
2067 Mar	125	0.153	0.254	0.0058	49.3	0.0391	20.9	0.000994	0.000994	0.00000516	0.00501	0.000872	0.0268	0.0138	0.0000053	15	0.0000139	0.000251
2067 Apr	125	0.153	0.254	0.0058	49.3	0.0391	20.9	0.000994	0.000994	0.00000516	0.00501	0.000873	0.0268	0.0138	0.0000053	15	0.0000139	0.000251

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 May	125	0.153	0.254	0.0058	49.3	0.0391	20.9	0.000995	0.000995	0.00000517	0.00502	0.000875	0.0268	0.0138	0.0000053	15.1	0.0000139	0.000251
2067 Jun	125	0.153	0.253	0.00578	49.1	0.039	20.8	0.000992	0.000992	0.00000515	0.00503	0.000879	0.0268	0.0139	0.00000529	15.1	0.0000139	0.000252
2067 Jul	125	0.154	0.254	0.0058	49.2	0.0391	20.9	0.000996	0.000996	0.00000517	0.00504	0.000882	0.0269	0.0139	0.00000531	15.2	0.000014	0.000253
2067 Aug	125	0.154	0.254	0.0058	49.3	0.0392	20.9	0.000998	0.000998	0.00000518	0.00505	0.000884	0.0269	0.014	0.00000532	15.2	0.000014	0.000253
2067 Sep	125	0.154	0.254	0.0058	49.3	0.0392	21	0.000998	0.000998	0.00000518	0.00506	0.000885	0.0269	0.014	0.00000532	15.2	0.000014	0.000253
2067 Oct	125	0.154	0.254	0.00579	49.2	0.0392	20.9	0.000997	0.000997	0.00000518	0.00506	0.000885	0.0269	0.014	0.00000531	15.2	0.000014	0.000253
2067 Nov	125	0.154	0.254	0.00579	49.2	0.0392	20.9	0.000997	0.000997	0.00000517	0.00506	0.000886	0.0269	0.014	0.00000531	15.2	0.000014	0.000253
2067 Dec	125	0.154	0.254	0.00579	49.2	0.0392	20.9	0.000997	0.000997	0.00000517	0.00506	0.000886	0.0269	0.014	0.00000531	15.2	0.000014	0.000253
2068 Jan	125	0.154	0.254	0.00579	49.2	0.0392	20.9	0.000997	0.000997	0.00000517	0.00506	0.000886	0.0269	0.014	0.00000531	15.2	0.000014	0.000253
2068 Feb	125	0.154	0.254	0.00579	49.2	0.0392	20.9	0.000997	0.000997	0.00000518	0.00506	0.000886	0.0269	0.014	0.00000531	15.2	0.000014	0.000253
2068 Mar	125	0.154	0.254	0.00579	49.2	0.0392	20.9	0.000997	0.000997	0.00000518	0.00506	0.000886	0.0269	0.014	0.00000531	15.2	0.000014	0.000253
2068 Apr	125	0.154	0.254	0.00579	49.2	0.0392	21	0.000997	0.000997	0.00000518	0.00506	0.000886	0.0269	0.014	0.00000531	15.2	0.000014	0.000253
2068 May	125	0.154	0.254	0.00579	49.2	0.0392	21	0.000998	0.000998	0.00000518	0.00507	0.000888	0.0269	0.014	0.00000532	15.3	0.0000141	0.000254
2068 Jun	124	0.153	0.253	0.00574	48.6	0.0389	20.8	0.000991	0.000991	0.00000515	0.00507	0.000893	0.0267	0.0141	0.00000528	15.3	0.0000141	0.000254
2068 Jul	124	0.153	0.253	0.00575	48.7	0.0389	20.9	0.000993	0.000993	0.00000516	0.00509	0.000896	0.0268	0.0142	0.00000529	15.4	0.0000141	0.000254
2068 Aug	125	0.154	0.254	0.00576	48.9	0.0391	20.9	0.000997	0.000997	0.00000517	0.00511	0.000899	0.0269	0.0142	0.00000531	15.4	0.0000142	0.000255
2068 Sep	125	0.154	0.254	0.00576	48.9	0.0391	21	0.000997	0.000997	0.00000517	0.00511	0.000899	0.0269	0.0142	0.00000531	15.4	0.0000142	0.000255
2068 Oct	125	0.154	0.254	0.00576	48.9	0.0391	21	0.000997	0.000997	0.00000518	0.00511	0.0009	0.0269	0.0142	0.00000531	15.4	0.0000142	0.000256
2068 Nov	125	0.154	0.254	0.00576	48.9	0.0391	21	0.000997	0.000997	0.00000518	0.00511	0.0009	0.0269	0.0142	0.00000531	15.4	0.0000142	0.000256
2068 Dec	125	0.154	0.254	0.00576	48.9	0.0391	21	0.000997	0.000997	0.00000518	0.00511	0.0009	0.0269	0.0142	0.00000531	15.4	0.0000142	0.000256
2069 Jan	125	0.154	0.254	0.00576	48.9	0.0391	21	0.000997	0.000997	0.00000518	0.00511	0.0009	0.0269	0.0142	0.00000531	15.4	0.0000142	0.000256
2069 Feb	125	0.154	0.254	0.00576	48.9	0.0391	21	0.000997	0.000997	0.00000518	0.00511	0.0009	0.0269	0.0142	0.00000531	15.4	0.0000142	0.000256
2069 Mar	125	0.154	0.254	0.00576	48.9	0.0391	21	0.000997	0.000997	0.00000518	0.00511	0.0009	0.0269	0.0142	0.00000531	15.4	0.0000142	0.000256
2069 Apr	125	0.154	0.254	0.00576	48.9	0.0391	21	0.000997	0.000997	0.00000518	0.00511	0.0009	0.0269	0.0142	0.00000531	15.4	0.0000142	0.000256
2069 May	125	0.154	0.254	0.00577	48.9	0.0392	21	0.000998	0.000998	0.00000518	0.00512	0.000901	0.027	0.0143	0.00000532	15.5	0.0000142	0.000256
2069 Jun	125	0.153	0.253	0.00574	48.6	0.039	20.9	0.000996	0.000996	0.00000517	0.00513	0.000904	0.0269	0.0143	0.0000053	15.5	0.0000143	0.000256
2069 Jul	125	0.154	0.254	0.00575	48.7	0.0391	21	0.000998	0.000998	0.00000518	0.00515	0.000907	0.0269	0.0144	0.00000531	15.5	0.0000143	0.000257
2069 Aug	125	0.154	0.254	0.00576	48.8	0.0392	21	0.001	0.001	0.00000519	0.00516	0.000909	0.027	0.0144	0.00000533	15.6	0.0000144	0.000257
2069 Sep	125	0.154	0.253	0.00575	48.7	0.0392	21	0.000999	0.000999	0.00000518	0.00516	0.00091	0.027	0.0144	0.00000532	15.6	0.0000144	0.000257
2069 Oct	125	0.154	0.253	0.00573	48.5	0.0391	21	0.000996	0.000996	0.00000517	0.00516	0.00091	0.0269	0.0144	0.0000053	15.6	0.0000143	0.000257
2069 Nov	125	0.154	0.253	0.00572	48.5	0.0391	21	0.000996	0.000996	0.00000517	0.00516	0.00091	0.0269	0.0144	0.0000053	15.6	0.0000144	0.000257
2069 Dec	125	0.154	0.253	0.00572	48.5	0.0391	21	0.000996	0.000996	0.00000517	0.00516	0.00091	0.0269	0.0144	0.0000053	15.6	0.0000144	0.000257
2070 Jan	125	0.154	0.253	0.00572	48.5	0.0391	21	0.000996	0.000996	0.00000517	0.00516	0.00091	0.0269	0.0144	0.0000053	15.6	0.0000144	0.000257
2070 Feb	125	0.154	0.253	0.00572	48.5	0.0391	21	0.000996	0.000996	0.00000517	0.00516	0.00091	0.0269	0.0144	0.0000053	15.6	0.0000144	0.000257
2070 Mar	125	0.154	0.253	0.00572	48.5	0.0391	21	0.000996	0.000996	0.00000517	0.00516	0.00091	0.0269	0.0144	0.0000053	15.6	0.0000144	0.000257
2070 Apr	125	0.154	0.253	0.00573	48.5	0.0391	21	0.000997	0.000997	0.00000517	0.00517	0.000911	0.0269	0.0144	0.00000531	15.6	0.0000144	0.000257
2070 May	125	0.154	0.253	0.00573	48.5	0.0391	21	0.000997	0.000997	0.00000518	0.00517	0.000912	0.0269	0.0144	0.00000531	15.6	0.0000144	0.000257
2070 Jun	124	0.153	0.252	0.0057	48.2	0.039	20.9	0.000995	0.000995	0.00000517	0.00518	0.000917	0.0268	0.0145	0.0000053	15.7	0.0000144	0.000258
2070 Jul	125	0.154	0.253	0.00571	48.4	0.0391	21	0.000998	0.000998	0.00000518	0.0052	0.000919	0.0269	0.0146	0.00000531	15.7	0.0000145	0.000259
2070 Aug	125	0.154	0.253	0.00572	48.5	0.0392	21	0.001	0.001	0.00000519	0.00521	0.000922	0.027	0.0146	0.00000532	15.7	0.0000145	0.000259
2070 Sep	125	0.154	0.253	0.00571	48.4	0.0392	21	0.000999	0.000999	0.00000519	0.00521	0.000922	0.027	0.0146	0.00000532	15.7	0.0000145	0.000259
2070 Oct	125	0.154	0.252	0.0057	48.3	0.0391	21	0.000998	0.000998	0.00000518	0.00521	0.000922	0.0269	0.0146	0.00000531	15.7	0.0000145	0.000259
2070 Nov	125	0.154	0.252	0.0057	48.2	0.0391	21	0.000998	0.000998	0.00000518	0.00521	0.000923	0.0269	0.0146	0.00000531	15.7	0.0000145	0.000259
2070 Dec	125	0.154	0.252	0.0057	48.3	0.0391	21	0.000998	0.000998	0.00000518	0.00521	0.000923	0.0269	0.0146	0.00000531	15.7	0.0000145	0.000259
2071 Jan	125	0.154	0.252	0.0057	48.3	0.0391	21	0.000998	0.000998	0.00000518	0.00521	0.000923	0.0269	0.0146	0.00000531	15.7	0.0000145	0.000259
2071 Feb	125	0.154	0.252	0.0057	48.3	0.0391	21	0.000998	0.000998	0.00000518	0.00521	0.000923	0.0269	0.0146	0.00000531	15.7	0.0000145	0.000259
2071 Mar	125	0.154	0.252	0.0057	48.3	0.0391	21	0.000998	0.000998	0.00000518	0.00521	0.000923	0.0269	0.0146	0.00000531	15.7	0.0000145	0.000259
2071 Apr	125	0.154	0.252	0.0057	48.3	0.0391	21	0.000998	0.000998	0.00000518	0.00521	0.000923	0.0269	0.0146	0.00000531	15.7	0.0000145	0.000259
2071 May	125	0.154	0.252	0.00569	48.2	0.0391	21	0.000998	0.000998	0.00000518	0.00522	0.000924	0.0269	0.0146	0.00000531	15.8	0.0000145	0.000259
2071 Jun	124	0.153	0.251	0.00565	47.8	0.0389	20.9	0.000994	0.000994	0.00000516	0.00523	0.000928	0.0268	0.0147	0.00000529	15.8	0.0000146	0.00026
2071 Jul	124	0.153	0.251	0.00566	47.9	0.039	20.9	0.000996	0.000996	0.00000517	0.00524	0.000931	0.0268	0.0148	0.0000053	15.9	0.0000146	0.00026
2071 Aug	124	0.154	0.252	0.00567	48	0.0391	21	0.000998	0.000998	0.00000518	0.00525	0.000933	0.0269	0.0148	0.00000531	15.9	0.0000146	0.000261
2071 Sep	124	0.153	0.251	0.00566	47.9	0.0391	21	0.000997	0.000997	0.00000518	0.00525	0.000933	0.0269	0.0148	0.00000531	15.9	0.0000146	0.000261
2071 Oct	124	0.153	0.251	0.00566	47.9	0.039	21	0.000997	0.000997	0.00000517	0.00525	0.000933	0.0269	0.0148	0.0000053	15.9	0.0000146	0.000261
2071 Nov	124	0.153	0.251	0.00565	47.9	0.039	21	0.000997	0.000997	0.00000517	0.00525	0.000934	0.0269	0.0148	0.0000053	15.9	0.0000146	0.000261
2071 Dec	124	0.153	0.251	0.00565	47.9	0.039	21	0.000997	0.000997	0.00000517	0.00525	0.000934	0.0269	0.0148	0.0000053	15.9	0.0000146	0.000261
2072 Jan	124	0.153	0.251	0.00565	47.9	0.039	21	0.000997	0.000997	0.00000517	0.00525	0.000934	0.0269	0.0148	0.0000053	15.9	0.0000146	0.000261
2072 Feb	124	0.153	0.251	0.00565	47.9	0.039	21	0.000997	0.000997	0.00000517	0.00525	0.000934	0.0269	0.0148	0.0000053	15.9	0.0000146	0.000261
2072 Mar	124	0.153	0.251	0.00565	47.9	0.039	21	0.000997	0.000997	0.00000517	0.00525	0.000934	0.0269	0.0148	0.0000053	15.9	0.0000146	0.000261
2072 Apr	124	0.153	0.251	0.00566	47.9	0.039	21	0.000997	0.000997	0.00000517	0.00525	0.000934	0.0269	0.0148	0.0000053	15.9	0.0000146	0.000261
2072 May	124	0.153	0.251	0.00566	47.9	0.0391	21	0.000998	0.000998	0.00000518	0.00526	0.000935	0.0269	0.0148	0.00000531	15.9	0.0000146	0.000261
2072 Jun	124	0.153	0.25	0.00564	47.7	0.039	20.9	0.000997	0.000997	0.00000517	0.00527	0.000937	0.0269	0.0148	0.0000053	15.9	0.0000147	0.000261
2072 Jul	124	0.153	0.251	0.00564	47.7	0.039	21	0.000998	0.000998	0.00000518	0.00528	0.000939	0.0269	0.0149	0.00000531	16	0.0000147	0.000262
2072 Aug	124	0.153	0.25	0.00564	47.6	0.0391	21	0.000998	0.000998	0.00000518	0.00529	0.00094	0.0269	0.0149	0.00000531	16	0.0000147	0.000262
2072 Sep	124	0.153	0.25	0.00563	47.6	0.0391	20.9	0.000997	0.000997	0.00000517	0.00529	0.000941	0.0269	0.0149	0.0000053	16	0.0000147	0.000262
2072 Oct	124	0.153	0.249	0.00561	47.4	0.039	20.9	0.000995	0.000995	0.00000516	0.00529	0.000941	0.0268	0.0149	0.00000529	16	0.0000147	0.000262
2072 Nov	124	0.153	0.249	0.00561	47.4	0.039	20.9	0.000995	0.000995	0.00000516	0.00529	0.000941	0.0268	0.0149	0.00000529	16	0.0000147	0.000262

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2072 Dec	124	0.153	0.249	0.00561	47.4	0.039	20.9	0.000995	0.000995	0.00000516	0.00529	0.000942	0.0268	0.0149	0.00000529	16	0.0000147	0.000262
2073 Jan	124	0.153	0.249	0.00561	47.4	0.039	20.9	0.000995	0.000995	0.00000516	0.00529	0.000942	0.0268	0.0149	0.00000529	16	0.0000147	0.000262
2073 Feb	124	0.153	0.249	0.00561	47.4	0.039	20.9	0.000995	0.000995	0.00000516	0.00529	0.000942	0.0268	0.0149	0.00000529	16	0.0000147	0.000262
2073 Mar	124	0.153	0.249	0.00561	47.4	0.039	20.9	0.000995	0.000995	0.00000516	0.00529	0.000942	0.0268	0.0149	0.00000529	16	0.0000147	0.000262
2073 Apr	124	0.153	0.249	0.00561	47.4	0.039	20.9	0.000996	0.000996	0.00000517	0.0053	0.000942	0.0269	0.0149	0.0000053	16	0.0000147	0.000262
2073 May	124	0.153	0.249	0.0056	47.4	0.039	20.9	0.000996	0.000996	0.00000517	0.0053	0.000944	0.0268	0.015	0.0000053	16	0.0000148	0.000262
2073 Jun	123	0.152	0.248	0.00557	47	0.0388	20.8	0.000994	0.000994	0.00000515	0.00531	0.000948	0.0267	0.0151	0.00000528	16.1	0.0000148	0.000262
2073 Jul	123	0.152	0.248	0.00558	47.1	0.0389	20.9	0.000995	0.000995	0.00000516	0.00532	0.000951	0.0268	0.0151	0.00000529	16.1	0.0000148	0.000263
2073 Aug	124	0.153	0.249	0.00559	47.2	0.039	20.9	0.000998	0.000998	0.00000517	0.00534	0.000953	0.0268	0.0151	0.0000053	16.2	0.0000149	0.000264
2073 Sep	124	0.153	0.248	0.00558	47.2	0.039	20.9	0.000997	0.000997	0.00000517	0.00534	0.000953	0.0269	0.0151	0.0000053	16.2	0.0000149	0.000264
2073 Oct	123	0.152	0.248	0.00557	47.1	0.039	20.9	0.000996	0.000996	0.00000516	0.00534	0.000953	0.0268	0.0151	0.00000529	16.2	0.0000149	0.000263
2073 Nov	123	0.152	0.248	0.00557	47	0.039	20.9	0.000995	0.000995	0.00000516	0.00534	0.000953	0.0268	0.0151	0.00000529	16.2	0.0000149	0.000263
2073 Dec	123	0.152	0.248	0.00557	47	0.039	20.9	0.000996	0.000996	0.00000516	0.00534	0.000954	0.0268	0.0151	0.00000529	16.2	0.0000149	0.000263
2074 Jan	123	0.152	0.248	0.00557	47	0.039	20.9	0.000996	0.000996	0.00000516	0.00534	0.000954	0.0268	0.0151	0.00000529	16.2	0.0000149	0.000263
2074 Feb	123	0.152	0.248	0.00557	47	0.039	20.9	0.000996	0.000996	0.00000516	0.00534	0.000954	0.0268	0.0151	0.00000529	16.2	0.0000149	0.000263
2074 Mar	123	0.152	0.248	0.00557	47	0.039	20.9	0.000996	0.000996	0.00000516	0.00534	0.000954	0.0268	0.0151	0.00000529	16.2	0.0000149	0.000263
2074 Apr	123	0.152	0.248	0.00557	47.1	0.039	20.9	0.000996	0.000996	0.00000517	0.00534	0.000954	0.0268	0.0151	0.00000529	16.2	0.0000149	0.000264
2074 May	123	0.152	0.248	0.00556	47	0.0389	20.9	0.000996	0.000996	0.00000517	0.00535	0.000957	0.0268	0.0152	0.00000529	16.2	0.0000149	0.000264
2074 Jun	123	0.151	0.246	0.00551	46.5	0.0387	20.8	0.000992	0.000992	0.00000514	0.00535	0.000961	0.0266	0.0153	0.00000527	16.3	0.0000149	0.000264
2074 Jul	123	0.152	0.246	0.00552	46.7	0.0388	20.8	0.000995	0.000995	0.00000516	0.00537	0.000964	0.0267	0.0154	0.00000528	16.3	0.000015	0.000265
2074 Aug	123	0.152	0.247	0.00554	46.8	0.0389	20.9	0.000998	0.000998	0.00000517	0.00539	0.000967	0.0268	0.0154	0.0000053	16.4	0.000015	0.000266
2074 Sep	123	0.152	0.247	0.00553	46.8	0.0389	20.9	0.000997	0.000997	0.00000517	0.00539	0.000967	0.0268	0.0154	0.0000053	16.4	0.000015	0.000266
2074 Oct	123	0.152	0.246	0.00552	46.7	0.0389	20.9	0.000996	0.000996	0.00000517	0.00539	0.000968	0.0268	0.0154	0.00000529	16.4	0.000015	0.000266
2074 Nov	123	0.152	0.246	0.00552	46.7	0.0389	20.9	0.000996	0.000996	0.00000517	0.00539	0.000968	0.0268	0.0154	0.00000529	16.4	0.000015	0.000266
2074 Dec	123	0.152	0.246	0.00552	46.7	0.0389	20.9	0.000996	0.000996	0.00000517	0.00539	0.000968	0.0268	0.0154	0.00000529	16.4	0.000015	0.000266
2075 Jan	123	0.152	0.246	0.00552	46.7	0.0389	20.9	0.000996	0.000996	0.00000517	0.00539	0.000968	0.0268	0.0154	0.00000529	16.4	0.000015	0.000266
2075 Feb	123	0.152	0.246	0.00552	46.7	0.0389	20.9	0.000996	0.000996	0.00000517	0.00539	0.000968	0.0268	0.0154	0.00000529	16.4	0.000015	0.000266
2075 Mar	123	0.152	0.246	0.00552	46.7	0.0389	20.9	0.000996	0.000996	0.00000517	0.00539	0.000968	0.0268	0.0154	0.00000529	16.4	0.000015	0.000266
2075 Apr	123	0.152	0.246	0.00552	46.7	0.0389	20.9	0.000997	0.000997	0.00000517	0.00539	0.000968	0.0268	0.0154	0.00000529	16.4	0.000015	0.000266
2075 May	123	0.152	0.247	0.00553	46.7	0.039	20.9	0.000997	0.000997	0.00000517	0.0054	0.000969	0.0268	0.0154	0.0000053	16.4	0.000015	0.000266
2075 Jun	123	0.151	0.245	0.00549	46.3	0.0388	20.8	0.000995	0.000995	0.00000516	0.00541	0.00097	0.0267	0.0154	0.00000528	16.4	0.0000151	0.000266
2075 Jul	123	0.151	0.245	0.00548	46.3	0.0388	20.8	0.000995	0.000995	0.00000516	0.00542	0.000973	0.0267	0.0155	0.00000528	16.4	0.0000151	0.000266
2075 Aug	123	0.151	0.245	0.00549	46.3	0.0389	20.8	0.000997	0.000997	0.00000517	0.00543	0.000974	0.0267	0.0155	0.00000529	16.4	0.0000151	0.000267
2075 Sep	123	0.151	0.245	0.00549	46.4	0.0389	20.9	0.000997	0.000997	0.00000517	0.00543	0.000975	0.0268	0.0155	0.0000053	16.5	0.0000152	0.000267
2075 Oct	123	0.151	0.245	0.00548	46.4	0.0389	20.8	0.000997	0.000997	0.00000517	0.00543	0.000976	0.0268	0.0155	0.00000529	16.5	0.0000152	0.000267
2075 Nov	123	0.151	0.245	0.00548	46.4	0.0389	20.9	0.000997	0.000997	0.00000517	0.00544	0.000976	0.0268	0.0155	0.0000053	16.5	0.0000152	0.000267
2075 Dec	123	0.151	0.245	0.00548	46.4	0.0389	20.9	0.000997	0.000997	0.00000517	0.00544	0.000976	0.0268	0.0155	0.0000053	16.5	0.0000152	0.000267
2076 Jan	123	0.151	0.245	0.00548	46.4	0.0389	20.9	0.000997	0.000997	0.00000517	0.00544	0.000976	0.0268	0.0155	0.0000053	16.5	0.0000152	0.000267
2076 Feb	123	0.151	0.245	0.00548	46.4	0.0389	20.9	0.000997	0.000997	0.00000517	0.00544	0.000976	0.0268	0.0155	0.0000053	16.5	0.0000152	0.000267
2076 Mar	123	0.151	0.245	0.00548	46.4	0.0389	20.9	0.000997	0.000997	0.00000517	0.00544	0.000976	0.0268	0.0155	0.0000053	16.5	0.0000152	0.000267
2076 Apr	123	0.151	0.245	0.00549	46.4	0.0389	20.9	0.000998	0.000998	0.00000517	0.00544	0.000976	0.0268	0.0155	0.0000053	16.5	0.0000152	0.000267
2076 May	123	0.152	0.245	0.00548	46.4	0.0389	20.9	0.000998	0.000998	0.00000517	0.00544	0.000978	0.0268	0.0156	0.0000053	16.5	0.0000152	0.000268
2076 Jun	122	0.151	0.243	0.00544	46	0.0387	20.7	0.000995	0.000995	0.00000516	0.00545	0.000982	0.0266	0.0157	0.00000528	16.6	0.0000152	0.000268
2076 Jul	122	0.151	0.243	0.00544	46	0.0388	20.8	0.000996	0.000996	0.00000516	0.00546	0.000984	0.0267	0.0157	0.00000529	16.6	0.0000153	0.000268
2076 Aug	123	0.151	0.244	0.00546	46.1	0.0389	20.8	0.000999	0.000999	0.00000518	0.00548	0.000987	0.0268	0.0157	0.0000053	16.6	0.0000153	0.000269
2076 Sep	123	0.151	0.244	0.00546	46.2	0.0389	20.9	0.001	0.001	0.00000518	0.00548	0.000988	0.0268	0.0157	0.00000531	16.6	0.0000153	0.000269
2076 Oct	123	0.151	0.244	0.00545	46.1	0.0389	20.8	0.000999	0.000999	0.00000518	0.00548	0.000987	0.0268	0.0157	0.0000053	16.6	0.0000153	0.000269
2076 Nov	123	0.151	0.244	0.00545	46.1	0.0389	20.8	0.000998	0.000998	0.00000517	0.00548	0.000987	0.0268	0.0157	0.0000053	16.6	0.0000153	0.000269
2076 Dec	123	0.151	0.244	0.00545	46.1	0.0389	20.8	0.000998	0.000998	0.00000518	0.00548	0.000987	0.0268	0.0157	0.0000053	16.6	0.0000153	0.000269
2077 Jan	123	0.151	0.244	0.00545	46.1	0.0389	20.8	0.000999	0.000999	0.00000518	0.00548	0.000987	0.0268	0.0157	0.0000053	16.6	0.0000153	0.000269
2077 Feb	123	0.151	0.244	0.00545	46.1	0.0389	20.8	0.000999	0.000999	0.00000518	0.00548	0.000987	0.0268	0.0157	0.0000053	16.6	0.0000153	0.000269
2077 Mar	123	0.151	0.244	0.00545	46.1	0.0389	20.8	0.000999	0.000999	0.00000518	0.00548	0.000987	0.0268	0.0157	0.0000053	16.6	0.0000153	0.000269
2077 Apr	123	0.151	0.244	0.00545	46.1	0.0389	20.9	0.000999	0.000999	0.00000518	0.00548	0.000988	0.0268	0.0157	0.0000053	16.6	0.0000153	0.000269
2077 May	123	0.151	0.244	0.00545	46.1	0.0389	20.9	0.000999	0.000999	0.00000518	0.00549	0.000989	0.0268	0.0158	0.0000053	16.7	0.0000153	0.00027
2077 Jun	122	0.15	0.242	0.0054	45.7	0.0387	20.7	0.000996	0.000996	0.00000516	0.00549	0.000992	0.0266	0.0159	0.00000528	16.7	0.0000153	0.00027
2077 Jul	122	0.151	0.242	0.00541	45.8	0.0388	20.8	0.000999	0.000999	0.00000517	0.00551	0.000995	0.0267	0.0159	0.0000053	16.8	0.0000154	0.000271
2077 Aug	123	0.151	0.243	0.00543	46	0.0389	20.9	0.001	0.001	0.00000519	0.00552	0.000998	0.0268	0.0159	0.00000531	16.8	0.0000154	0.000271
2077 Sep	123	0.151	0.242	0.00541	45.8	0.0389	20.8	0.000999	0.000999	0.00000518	0.00552	0.000997	0.0268	0.0159	0.0000053	16.8	0.0000154	0.000271
2077 Oct	123	0.151	0.242	0.0054	45.8	0.0389	20.8	0.000999	0.000999	0.00000518	0.00552	0.000998	0.0268	0.0159	0.0000053	16.8	0.0000154	0.000271
2077 Nov	123	0.151	0.242	0.00541	45.8	0.0389	20.8	0.000999	0.000999	0.00000518	0.00552	0.000998	0.0268	0.0159	0.0000053	16.8	0.0000154	0.000271
2077 Dec	123	0.151	0.242	0.00541	45.8	0.0389	20.8	0.000999	0.000999	0.00000518	0.00552	0.000998	0.0268	0.0159	0.0000053	16.8	0.0000154	0.000271
2078 Jan	123	0.151	0.242	0.00541	45.8	0.0389	20.8	0.000999	0.000999	0.00000518	0.00552	0.000998	0.0268	0.0159	0.0000053	16.8	0.0000154	0.000271
2078 Feb	123	0.151	0.242	0.00541	45.8	0.0389	20.8	0.000999	0.000999	0.00000518	0.00552	0.000998	0.0268	0.0159	0.0000053	16.8	0.0000154	0.000271
2078 Mar	123	0.151	0.242	0.00541	45.8	0.0389	20.8	0.000999	0.000999	0.00000518	0.00552	0.000998	0.0268	0.0159	0.0000053	16.8	0.0000154	0.000271
2078 Apr	123	0.151	0.242	0.00541	45.8	0.0389	20.8	0.001	0.001	0.00000518	0.00552	0.000998	0.0268	0.0159	0.0000053	16.8	0.0000154	0.000271
2078 May	122	0.15	0.241	0.00539	45.7	0.0388	20.8	0.000999	0.000999	0.00000518	0.00553	0.001	0.0267	0.016	0.0000053	16.9	0.0000155	0.000272
2078 Jun	122	0.15	0.239	0.00534	45.3	0.0386	20.7	0.000996	0.000996	0.00000516	0.00553	0.001	0.0266	0.0161	0.00000528	16.9	0.0000155	0.000272

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Jul	122	0.15	0.24	0.00536	45.4	0.0387	20.7	0.000999	0.000999	0.00000517	0.00555	0.00101	0.0267	0.0162	0.0000053	16.9	0.0000155	0.000273
2078 Aug	122	0.15	0.24	0.00536	45.5	0.0388	20.8	0.001	0.001	0.00000518	0.00556	0.00101	0.0267	0.0162	0.0000053	17	0.0000155	0.000273
2078 Sep	122	0.15	0.24	0.00537	45.5	0.0389	20.8	0.001	0.001	0.00000518	0.00556	0.00101	0.0267	0.0162	0.00000531	17	0.0000156	0.000274
2078 Oct	122	0.15	0.24	0.00536	45.5	0.0388	20.8	0.001	0.001	0.00000518	0.00556	0.00101	0.0267	0.0162	0.0000053	17	0.0000156	0.000273
2078 Nov	122	0.15	0.24	0.00536	45.5	0.0388	20.8	0.001	0.001	0.00000518	0.00556	0.00101	0.0267	0.0162	0.0000053	17	0.0000156	0.000274
2078 Dec	122	0.15	0.24	0.00536	45.5	0.0388	20.8	0.001	0.001	0.00000518	0.00556	0.00101	0.0267	0.0162	0.00000531	17	0.0000156	0.000274
2079 Jan	122	0.15	0.24	0.00536	45.5	0.0388	20.8	0.001	0.001	0.00000518	0.00556	0.00101	0.0267	0.0162	0.00000531	17	0.0000156	0.000274
2079 Feb	122	0.15	0.24	0.00536	45.5	0.0388	20.8	0.001	0.001	0.00000518	0.00556	0.00101	0.0267	0.0162	0.00000531	17	0.0000156	0.000274
2079 Mar	122	0.15	0.24	0.00536	45.5	0.0388	20.8	0.001	0.001	0.00000518	0.00556	0.00101	0.0267	0.0162	0.00000531	17	0.0000156	0.000274
2079 Apr	122	0.15	0.24	0.00536	45.5	0.0389	20.8	0.001	0.001	0.00000518	0.00557	0.00101	0.0267	0.0162	0.00000531	17	0.0000156	0.000274
2079 May	123	0.15	0.24	0.00537	45.5	0.0389	20.8	0.001	0.001	0.00000519	0.00557	0.00101	0.0268	0.0162	0.00000531	17	0.0000156	0.000274
2079 Jun	122	0.149	0.238	0.00531	45.1	0.0386	20.7	0.000998	0.000998	0.00000517	0.00557	0.00101	0.0266	0.0163	0.00000529	17	0.0000156	0.000274
2079 Jul	122	0.149	0.238	0.00531	45.1	0.0387	20.7	0.000998	0.000998	0.00000517	0.00559	0.00102	0.0266	0.0163	0.00000529	17	0.0000156	0.000274
2079 Aug	122	0.149	0.238	0.00532	45.2	0.0388	20.7	0.001	0.001	0.00000518	0.0056	0.00102	0.0267	0.0163	0.00000531	17.1	0.0000157	0.000275
2079 Sep	122	0.149	0.238	0.00531	45.1	0.0388	20.7	0.001	0.001	0.00000518	0.0056	0.00102	0.0267	0.0163	0.0000053	17.1	0.0000157	0.000275
2079 Oct	122	0.149	0.238	0.00531	45.1	0.0388	20.7	0.001	0.001	0.00000518	0.0056	0.00102	0.0267	0.0163	0.0000053	17.1	0.0000157	0.000275
2079 Nov	122	0.149	0.238	0.0053	45	0.0387	20.7	0.001	0.001	0.00000518	0.0056	0.00102	0.0267	0.0163	0.0000053	17.1	0.0000157	0.000275
2079 Dec	122	0.149	0.238	0.0053	45	0.0387	20.7	0.000999	0.000999	0.00000518	0.0056	0.00102	0.0267	0.0163	0.0000053	17.1	0.0000157	0.000274
2080 Jan	122	0.149	0.238	0.0053	45	0.0387	20.7	0.000999	0.000999	0.00000518	0.0056	0.00102	0.0267	0.0163	0.0000053	17.1	0.0000157	0.000274
2080 Feb	122	0.149	0.238	0.0053	45	0.0387	20.7	0.000999	0.000999	0.00000518	0.0056	0.00102	0.0267	0.0163	0.0000053	17.1	0.0000157	0.000274
2080 Mar	122	0.149	0.238	0.0053	45	0.0387	20.7	0.000999	0.000999	0.00000518	0.0056	0.00102	0.0267	0.0163	0.0000053	17.1	0.0000157	0.000274
2080 Apr	122	0.149	0.238	0.0053	45	0.0388	20.7	0.001	0.001	0.00000518	0.0056	0.00102	0.0267	0.0163	0.0000053	17.1	0.0000157	0.000275
2080 May	122	0.149	0.238	0.00531	45.1	0.0388	20.7	0.001	0.001	0.00000518	0.00561	0.00102	0.0267	0.0164	0.0000053	17.1	0.0000157	0.000275
2080 Jun	121	0.148	0.237	0.00528	44.8	0.0387	20.7	0.000999	0.000999	0.00000517	0.00562	0.00102	0.0266	0.0164	0.00000529	17.1	0.0000157	0.000275
2080 Jul	121	0.148	0.236	0.00527	44.7	0.0387	20.6	0.000999	0.000999	0.00000517	0.00563	0.00102	0.0266	0.0164	0.0000053	17.1	0.0000158	0.000275
2080 Aug	121	0.148	0.236	0.00527	44.8	0.0387	20.7	0.001	0.001	0.00000518	0.00564	0.00102	0.0266	0.0164	0.0000053	17.1	0.0000158	0.000275
2080 Sep	121	0.148	0.236	0.00526	44.7	0.0387	20.7	0.001	0.001	0.00000518	0.00564	0.00103	0.0266	0.0164	0.0000053	17.1	0.0000158	0.000275
2080 Oct	121	0.148	0.236	0.00526	44.7	0.0387	20.7	0.001	0.001	0.00000518	0.00564	0.00103	0.0266	0.0164	0.0000053	17.1	0.0000158	0.000275
2080 Nov	121	0.148	0.235	0.00525	44.6	0.0387	20.7	0.001	0.001	0.00000518	0.00564	0.00103	0.0266	0.0164	0.0000053	17.1	0.0000158	0.000275
2080 Dec	121	0.148	0.235	0.00525	44.6	0.0387	20.7	0.001	0.001	0.00000518	0.00564	0.00103	0.0266	0.0164	0.0000053	17.1	0.0000158	0.000275
2081 Jan	121	0.148	0.235	0.00525	44.6	0.0387	20.7	0.001	0.001	0.00000518	0.00564	0.00103	0.0266	0.0164	0.0000053	17.1	0.0000158	0.000275
2081 Feb	121	0.148	0.235	0.00525	44.6	0.0387	20.7	0.001	0.001	0.00000518	0.00564	0.00103	0.0266	0.0164	0.0000053	17.1	0.0000158	0.000275
2081 Mar	121	0.148	0.235	0.00525	44.6	0.0387	20.7	0.001	0.001	0.00000518	0.00564	0.00103	0.0266	0.0164	0.0000053	17.1	0.0000158	0.000275
2081 Apr	121	0.148	0.236	0.00525	44.7	0.0387	20.7	0.001	0.001	0.00000518	0.00564	0.00103	0.0266	0.0164	0.0000053	17.2	0.0000158	0.000275
2081 May	121	0.148	0.235	0.00524	44.6	0.0387	20.6	0.001	0.001	0.00000518	0.00565	0.00103	0.0266	0.0165	0.0000053	17.2	0.0000158	0.000276
2081 Jun	121	0.147	0.234	0.00521	44.3	0.0386	20.6	0.000998	0.000998	0.00000517	0.00565	0.00103	0.0265	0.0166	0.00000529	17.2	0.0000158	0.000276
2081 Jul	121	0.148	0.235	0.00523	44.5	0.0387	20.6	0.001	0.001	0.00000518	0.00567	0.00103	0.0266	0.0166	0.00000531	17.3	0.0000159	0.000277
2081 Aug	122	0.148	0.235	0.00525	44.6	0.0388	20.7	0.001	0.001	0.0000052	0.00569	0.00104	0.0267	0.0167	0.00000532	17.3	0.0000159	0.000278
2081 Sep	122	0.148	0.235	0.00525	44.6	0.0389	20.7	0.00101	0.00101	0.0000052	0.00569	0.00104	0.0267	0.0167	0.00000532	17.4	0.0000159	0.000278
2081 Oct	122	0.148	0.235	0.00524	44.6	0.0389	20.7	0.00101	0.00101	0.0000052	0.0057	0.00104	0.0267	0.0167	0.00000532	17.4	0.0000159	0.000278
2081 Nov	122	0.148	0.235	0.00524	44.6	0.0389	20.7	0.001	0.001	0.0000052	0.00569	0.00104	0.0267	0.0167	0.00000532	17.3	0.0000159	0.000278
2081 Dec	122	0.148	0.235	0.00524	44.6	0.0389	20.7	0.001	0.001	0.0000052	0.00569	0.00104	0.0267	0.0167	0.00000532	17.3	0.0000159	0.000278
2082 Jan	122	0.148	0.235	0.00524	44.6	0.0389	20.7	0.001	0.001	0.0000052	0.00569	0.00104	0.0267	0.0167	0.00000532	17.3	0.0000159	0.000278
2082 Feb	122	0.148	0.235	0.00524	44.6	0.0389	20.7	0.001	0.001	0.0000052	0.00569	0.00104	0.0267	0.0167	0.00000532	17.3	0.0000159	0.000278
2082 Mar	122	0.148	0.235	0.00524	44.6	0.0389	20.7	0.001	0.001	0.0000052	0.00569	0.00104	0.0267	0.0167	0.00000532	17.3	0.0000159	0.000278
2082 Apr	122	0.148	0.235	0.00524	44.6	0.0389	20.7	0.001	0.001	0.0000052	0.00569	0.00104	0.0267	0.0167	0.00000532	17.3	0.0000159	0.000278
2082 May	122	0.148	0.235	0.00525	44.7	0.0389	20.7	0.00101	0.00101	0.00000521	0.0057	0.00104	0.0267	0.0167	0.00000533	17.4	0.000016	0.000278
2082 Jun	121	0.147	0.233	0.0052	44.2	0.0387	20.6	0.001	0.001	0.00000519	0.0057	0.00104	0.0266	0.0167	0.00000531	17.3	0.000016	0.000278
2082 Jul	121	0.147	0.232	0.00517	44	0.0386	20.5	0.001	0.001	0.00000518	0.00571	0.00104	0.0265	0.0167	0.0000053	17.3	0.000016	0.000278
2082 Aug	121	0.147	0.232	0.00518	44.1	0.0387	20.6	0.001	0.001	0.00000519	0.00573	0.00104	0.0266	0.0167	0.00000531	17.4	0.000016	0.000278
2082 Sep	121	0.147	0.233	0.00519	44.2	0.0388	20.6	0.001	0.001	0.0000052	0.00573	0.00104	0.0266	0.0167	0.00000532	17.4	0.0000161	0.000279
2082 Oct	121	0.147	0.232	0.00517	44	0.0387	20.6	0.001	0.001	0.00000519	0.00573	0.00104	0.0266	0.0167	0.00000531	17.4	0.000016	0.000278
2082 Nov	121	0.147	0.232	0.00517	44	0.0387	20.6	0.001	0.001	0.00000519	0.00573	0.00104	0.0266	0.0167	0.00000531	17.4	0.000016	0.000278
2082 Dec	121	0.147	0.232	0.00517	44.1	0.0387	20.6	0.001	0.001	0.00000519	0.00573	0.00104	0.0266	0.0167	0.00000531	17.4	0.000016	0.000278
2083 Jan	121	0.147	0.232	0.00517	44.1	0.0387	20.6	0.001	0.001	0.00000519	0.00573	0.00104	0.0266	0.0167	0.00000531	17.4	0.000016	0.000278
2083 Feb	121	0.147	0.232	0.00517	44.1	0.0387	20.6	0.001	0.001	0.00000519	0.00573	0.00104	0.0266	0.0167	0.00000531	17.4	0.000016	0.000278
2083 Mar	121	0.147	0.232	0.00517	44.1	0.0387	20.6	0.001	0.001	0.00000519	0.00573	0.00104	0.0266	0.0167	0.00000531	17.4	0.000016	0.000278
2083 Apr	121	0.147	0.232	0.00517	44.1	0.0387	20.6	0.001	0.001	0.00000519	0.00573	0.00104	0.0266	0.0167	0.00000531	17.4	0.000016	0.000278
2083 May	121	0.147	0.232	0.00517	44	0.0387	20.6	0.001	0.001	0.00000519	0.00574	0.00105	0.0266	0.0168	0.00000531	17.4	0.0000161	0.000279
2083 Jun	120	0.146	0.229	0.00511	43.6	0.0385	20.4	0.001	0.001	0.00000517	0.00574	0.00105	0.0264	0.0169	0.00000529	17.5	0.0000161	0.000279
2083 Jul	120	0.146	0.229	0.00512	43.6	0.0386	20.5	0.001	0.001	0.00000518	0.00575	0.00105	0.0265	0.0169	0.0000053	17.5	0.0000161	0.000279
2083 Aug	120	0.146	0.229	0.00512	43.7	0.0386	20.5	0.001	0.001	0.00000519	0.00576	0.00105	0.0265	0.0169	0.00000531	17.5	0.0000161	0.00028
2083 Sep	120	0.146	0.229	0.00511	43.6	0.0386	20.5	0.001	0.001	0.00000519	0.00576	0.00105	0.0265	0.0169	0.0000053	17.5	0.0000161	0.00028
2083 Oct	120	0.145	0.228	0.00509	43.5	0.0385	20.4	0.001	0.001	0.00000518	0.00576	0.00105	0.0264	0.0169	0.00000529	17.5	0.0000161	0.000279
2083 Nov	120	0.145	0.228	0.00509	43.4	0.0385	20.4	0.001	0.001	0.00000517	0.00576	0.00105	0.0264	0.0169	0.00000529	17.5	0.0000161	0.000279
2083 Dec	120	0.145	0.228	0.00509	43.4	0.0385	20.4	0.001	0.001	0.00000517	0.00576	0.00105	0.0264	0.0169	0.00000529	17.5	0.0000161	0.000279
2084 Jan	120	0.145	0.228	0.00509	43.4	0.0385	20.4	0.001	0.001	0.00000517	0.00576	0.00105	0.0264	0.0169	0.00000529	17.5	0.0000161	0.000279

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Feb	120	0.145	0.228	0.00509	43.4	0.0385	20.4	0.001	0.001	0.00000517	0.00576	0.00105	0.0264	0.0169	0.00000529	17.5	0.0000161	0.000279
2084 Mar	120	0.145	0.228	0.00509	43.4	0.0385	20.4	0.001	0.001	0.00000517	0.00576	0.00105	0.0264	0.0169	0.00000529	17.5	0.0000161	0.000279
2084 Apr	120	0.145	0.228	0.00509	43.4	0.0385	20.4	0.001	0.001	0.00000518	0.00576	0.00105	0.0264	0.0169	0.00000529	17.5	0.0000161	0.000279
2084 May	120	0.145	0.228	0.00508	43.4	0.0385	20.4	0.001	0.001	0.00000518	0.00577	0.00106	0.0264	0.017	0.0000053	17.6	0.0000162	0.00028
2084 Jun	119	0.144	0.226	0.00503	43	0.0383	20.3	0.000997	0.000997	0.00000516	0.00577	0.00106	0.0262	0.017	0.00000527	17.6	0.0000162	0.00028
2084 Jul	119	0.144	0.226	0.00504	43.1	0.0384	20.3	0.000999	0.000999	0.00000517	0.00578	0.00106	0.0263	0.0171	0.00000529	17.6	0.0000162	0.00028
2084 Aug	120	0.145	0.226	0.00505	43.2	0.0385	20.4	0.001	0.001	0.00000518	0.00579	0.00106	0.0264	0.0171	0.0000053	17.6	0.0000162	0.000281
2084 Sep	120	0.145	0.226	0.00504	43.2	0.0385	20.4	0.001	0.001	0.00000518	0.0058	0.00106	0.0264	0.0171	0.0000053	17.7	0.0000162	0.000281
2084 Oct	119	0.144	0.226	0.00503	43.1	0.0385	20.4	0.001	0.001	0.00000517	0.00579	0.00106	0.0264	0.0171	0.00000529	17.6	0.0000162	0.000281
2084 Nov	119	0.144	0.225	0.00503	43	0.0385	20.3	0.001	0.001	0.00000517	0.00579	0.00106	0.0263	0.0171	0.00000529	17.6	0.0000162	0.000281
2084 Dec	119	0.144	0.225	0.00503	43	0.0385	20.3	0.001	0.001	0.00000517	0.0058	0.00106	0.0263	0.0171	0.00000529	17.6	0.0000162	0.000281
2085 Jan	119	0.144	0.225	0.00503	43	0.0385	20.3	0.001	0.001	0.00000517	0.0058	0.00106	0.0263	0.0171	0.00000529	17.6	0.0000162	0.000281
2085 Feb	119	0.144	0.225	0.00503	43	0.0385	20.3	0.001	0.001	0.00000517	0.0058	0.00106	0.0263	0.0171	0.00000529	17.6	0.0000162	0.000281
2085 Mar	119	0.144	0.225	0.00503	43	0.0385	20.3	0.001	0.001	0.00000517	0.0058	0.00106	0.0263	0.0171	0.00000529	17.6	0.0000162	0.000281
2085 Apr	119	0.144	0.225	0.00503	43	0.0385	20.4	0.001	0.001	0.00000517	0.0058	0.00106	0.0263	0.0171	0.00000529	17.6	0.0000162	0.000281
2085 May	119	0.144	0.225	0.00502	43	0.0384	20.3	0.001	0.001	0.00000517	0.0058	0.00106	0.0263	0.0172	0.00000529	17.7	0.0000163	0.000281
2085 Jun	119	0.144	0.224	0.00499	42.8	0.0384	20.3	0.000999	0.000999	0.00000517	0.00581	0.00107	0.0263	0.0172	0.00000528	17.7	0.0000163	0.000282
2085 Jul	119	0.144	0.224	0.00501	42.9	0.0385	20.3	0.001	0.001	0.00000518	0.00582	0.00107	0.0263	0.0173	0.0000053	17.8	0.0000163	0.000283
2085 Aug	119	0.144	0.224	0.005	42.9	0.0385	20.4	0.001	0.001	0.00000518	0.00583	0.00107	0.0264	0.0173	0.0000053	17.8	0.0000163	0.000283
2085 Sep	119	0.144	0.224	0.00499	42.8	0.0385	20.3	0.001	0.001	0.00000518	0.00583	0.00107	0.0263	0.0173	0.00000529	17.8	0.0000163	0.000283
2085 Oct	119	0.143	0.223	0.00498	42.7	0.0384	20.3	0.001	0.001	0.00000517	0.00583	0.00107	0.0263	0.0173	0.00000529	17.8	0.0000163	0.000282
2085 Nov	119	0.143	0.223	0.00497	42.7	0.0384	20.3	0.001	0.001	0.00000517	0.00583	0.00107	0.0263	0.0173	0.00000528	17.8	0.0000163	0.000282
2085 Dec	119	0.143	0.223	0.00497	42.7	0.0384	20.3	0.001	0.001	0.00000517	0.00583	0.00107	0.0263	0.0173	0.00000528	17.8	0.0000163	0.000282
2086 Jan	119	0.143	0.223	0.00497	42.7	0.0384	20.3	0.001	0.001	0.00000517	0.00583	0.00107	0.0263	0.0173	0.00000528	17.8	0.0000163	0.000282
2086 Feb	119	0.143	0.223	0.00497	42.7	0.0384	20.3	0.001	0.001	0.00000517	0.00583	0.00107	0.0263	0.0173	0.00000528	17.8	0.0000163	0.000282
2086 Mar	119	0.143	0.223	0.00497	42.7	0.0384	20.3	0.001	0.001	0.00000517	0.00583	0.00107	0.0263	0.0173	0.00000529	17.8	0.0000163	0.000282
2086 Apr	119	0.143	0.223	0.00497	42.7	0.0384	20.3	0.001	0.001	0.00000517	0.00583	0.00107	0.0263	0.0173	0.00000529	17.8	0.0000163	0.000282
2086 May	119	0.143	0.223	0.00497	42.7	0.0385	20.3	0.001	0.001	0.00000517	0.00583	0.00107	0.0263	0.0173	0.00000529	17.8	0.0000163	0.000283
2086 Jun	118	0.142	0.221	0.00492	42.3	0.0382	20.2	0.000998	0.000998	0.00000516	0.00584	0.00107	0.0261	0.0174	0.00000527	17.8	0.0000163	0.000283
2086 Jul	118	0.142	0.221	0.00493	42.3	0.0383	20.2	0.001	0.001	0.00000517	0.00585	0.00108	0.0262	0.0174	0.00000528	17.9	0.0000164	0.000283
2086 Aug	119	0.143	0.221	0.00493	42.4	0.0384	20.2	0.001	0.001	0.00000518	0.00586	0.00108	0.0262	0.0175	0.00000529	17.9	0.0000164	0.000284
2086 Sep	119	0.143	0.221	0.00493	42.4	0.0384	20.2	0.001	0.001	0.00000517	0.00586	0.00108	0.0262	0.0175	0.00000529	17.9	0.0000164	0.000284
2086 Oct	119	0.142	0.22	0.00492	42.4	0.0384	20.2	0.001	0.001	0.00000517	0.00587	0.00108	0.0262	0.0175	0.00000529	17.9	0.0000164	0.000284
2086 Nov	119	0.142	0.221	0.00492	42.4	0.0384	20.2	0.001	0.001	0.00000517	0.00587	0.00108	0.0263	0.0175	0.00000529	17.9	0.0000164	0.000284
2086 Dec	119	0.142	0.221	0.00492	42.4	0.0384	20.2	0.001	0.001	0.00000517	0.00587	0.00108	0.0263	0.0175	0.00000529	17.9	0.0000164	0.000284
2087 Jan	119	0.142	0.221	0.00492	42.4	0.0384	20.2	0.001	0.001	0.00000517	0.00587	0.00108	0.0263	0.0175	0.00000529	17.9	0.0000164	0.000284
2087 Feb	119	0.142	0.221	0.00492	42.4	0.0384	20.2	0.001	0.001	0.00000517	0.00587	0.00108	0.0263	0.0175	0.00000529	17.9	0.0000164	0.000284
2087 Mar	119	0.142	0.221	0.00492	42.4	0.0384	20.2	0.001	0.001	0.00000517	0.00587	0.00108	0.0263	0.0175	0.00000529	17.9	0.0000164	0.000284
2087 Apr	119	0.143	0.221	0.00492	42.4	0.0384	20.2	0.001	0.001	0.00000518	0.00587	0.00108	0.0263	0.0175	0.00000529	17.9	0.0000164	0.000284
2087 May	119	0.142	0.22	0.00492	42.3	0.0384	20.2	0.001	0.001	0.00000518	0.00587	0.00108	0.0262	0.0175	0.00000529	17.9	0.0000164	0.000284
2087 Jun	118	0.142	0.219	0.00489	42.1	0.0383	20.1	0.001	0.001	0.00000517	0.00587	0.00108	0.0261	0.0176	0.00000528	18	0.0000165	0.000285
2087 Jul	118	0.142	0.219	0.00489	42.2	0.0384	20.2	0.001	0.001	0.00000518	0.00589	0.00109	0.0262	0.0176	0.00000529	18	0.0000165	0.000285
2087 Aug	119	0.142	0.22	0.0049	42.3	0.0385	20.2	0.001	0.001	0.00000519	0.0059	0.00109	0.0263	0.0177	0.0000053	18	0.0000165	0.000286
2087 Sep	119	0.142	0.22	0.00491	42.3	0.0385	20.3	0.00101	0.00101	0.00000519	0.00591	0.00109	0.0263	0.0177	0.00000531	18.1	0.0000165	0.000286
2087 Oct	119	0.142	0.22	0.0049	42.3	0.0385	20.3	0.001	0.001	0.00000519	0.00591	0.00109	0.0263	0.0177	0.00000531	18.1	0.0000165	0.000286
2087 Nov	119	0.142	0.219	0.0049	42.3	0.0385	20.3	0.001	0.001	0.00000519	0.00591	0.00109	0.0263	0.0177	0.00000531	18.1	0.0000165	0.000286
2087 Dec	119	0.142	0.219	0.0049	42.3	0.0385	20.3	0.001	0.001	0.00000519	0.00591	0.00109	0.0263	0.0177	0.00000531	18.1	0.0000165	0.000286
2088 Jan	119	0.142	0.219	0.0049	42.3	0.0385	20.3	0.001	0.001	0.00000519	0.00591	0.00109	0.0263	0.0177	0.00000531	18.1	0.0000165	0.000286
2088 Feb	119	0.142	0.219	0.0049	42.3	0.0385	20.3	0.001	0.001	0.00000519	0.00591	0.00109	0.0263	0.0177	0.00000531	18.1	0.0000165	0.000286
2088 Mar	119	0.142	0.219	0.0049	42.3	0.0385	20.3	0.001	0.001	0.00000519	0.00591	0.00109	0.0263	0.0177	0.00000531	18.1	0.0000165	0.000286
2088 Apr	119	0.142	0.22	0.0049	42.3	0.0385	20.3	0.00101	0.00101	0.00000519	0.00591	0.00109	0.0263	0.0177	0.00000531	18.1	0.0000166	0.000286
2088 May	119	0.143	0.22	0.00491	42.4	0.0386	20.3	0.00101	0.00101	0.0000052	0.00592	0.00109	0.0264	0.0177	0.00000532	18.1	0.0000166	0.000287
2088 Jun	119	0.142	0.218	0.00488	42.1	0.0385	20.2	0.00101	0.00101	0.00000519	0.00592	0.00109	0.0263	0.0177	0.00000531	18.1	0.0000166	0.000287
2088 Jul	119	0.142	0.219	0.00489	42.2	0.0385	20.2	0.00101	0.00101	0.00000521	0.00594	0.0011	0.0263	0.0178	0.00000532	18.1	0.0000166	0.000287
2088 Aug	119	0.142	0.219	0.0049	42.3	0.0387	20.3	0.00101	0.00101	0.00000522	0.00597	0.0011	0.0264	0.0178	0.00000534	18.2	0.0000167	0.000288
2088 Sep	119	0.143	0.22	0.00491	42.4	0.0387	20.3	0.00101	0.00101	0.00000523	0.00597	0.0011	0.0265	0.0178	0.00000535	18.2	0.0000167	0.000289
2088 Oct	119	0.142	0.219	0.00489	42.3	0.0387	20.3	0.00101	0.00101	0.00000522	0.00596	0.0011	0.0264	0.0178	0.00000534	18.2	0.0000167	0.000288
2088 Nov	119	0.142	0.219	0.00489	42.2	0.0387	20.3	0.00101	0.00101	0.00000522	0.00596	0.0011	0.0264	0.0178	0.00000533	18.2	0.0000167	0.000288
2088 Dec	119	0.142	0.219	0.00489	42.2	0.0387	20.3	0.00101	0.00101	0.00000522	0.00596	0.0011	0.0264	0.0178	0.00000533	18.2	0.0000167	0.000288
2089 Jan	119	0.142	0.219	0.00489	42.3	0.0387	20.3	0.00101	0.00101	0.00000522	0.00596	0.0011	0.0264	0.0178	0.00000533	18.2	0.0000167	0.000288
2089 Feb	119	0.142	0.219	0.00489	42.3	0.0387	20.3	0.00101	0.00101	0.00000522	0.00596	0.0011	0.0264	0.0178	0.00000533	18.2	0.0000167	0.000288
2089 Mar	119	0.142	0.219	0.00489	42.3	0.0387	20.3	0.00101	0.00101	0.00000522	0.00597	0.0011	0.0264	0.0178	0.00000534	18.2	0.0000167	0.000288
2089 Apr	119	0.142	0.219	0.00489	42.3	0.0387	20.3	0.00101	0.00101	0.00000522	0.00597	0.0011	0.0264	0.0178	0.00000534	18.2	0.0000167	0.000288
2089 May	119	0.142	0.219	0.00488	42.2	0.0387	20.3	0.00101	0.00101	0.00000522	0.00597	0.0011	0.0264	0.0179	0.00000534	18.2	0.0000167	0.000289
2089 Jun	119	0.142	0.217	0.00486	42	0.0386	20.2	0.00101	0.00101	0.00000522	0.00598	0.00111	0.0263	0.0179	0.00000533	18.3	0.0000167	0.000289
2089 Jul	119	0.142	0.218	0.00487	42.1	0.0387	20.3	0.00101	0.00101	0.00000523	0.00599	0.00111	0.0264	0.018	0.00000534	18.3	0.0000168	0.00029
2089 Aug	119	0.142	0.218	0.00488	42.2	0.0388	20.3	0.00101	0.00101	0.00000524	0.00601	0.00111	0.0265	0.018	0.00000536	18.4	0.0000168	0.000291

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Sep	119	0.142	0.218	0.00487	42.2	0.0388	20.3	0.00101	0.00101	0.00000524	0.00601	0.00111	0.0265	0.018	0.00000536	18.4	0.0000168	0.000291
2089 Oct	119	0.142	0.217	0.00485	42.1	0.0387	20.3	0.00101	0.00101	0.00000523	0.00601	0.00111	0.0264	0.018	0.00000535	18.3	0.0000168	0.00029
2089 Nov	119	0.142	0.217	0.00485	42	0.0387	20.3	0.00101	0.00101	0.00000523	0.00601	0.00111	0.0264	0.018	0.00000535	18.3	0.0000168	0.00029
2089 Dec	119	0.142	0.217	0.00485	42	0.0387	20.3	0.00101	0.00101	0.00000523	0.00601	0.00111	0.0264	0.018	0.00000535	18.3	0.0000168	0.00029
2090 Jan	119	0.142	0.217	0.00485	42	0.0387	20.3	0.00101	0.00101	0.00000523	0.00601	0.00111	0.0264	0.018	0.00000535	18.3	0.0000168	0.00029
2090 Feb	119	0.142	0.217	0.00485	42	0.0387	20.3	0.00101	0.00101	0.00000523	0.00601	0.00111	0.0264	0.018	0.00000535	18.3	0.0000168	0.00029
2090 Mar	119	0.142	0.217	0.00485	42	0.0388	20.3	0.00101	0.00101	0.00000523	0.00601	0.00111	0.0264	0.018	0.00000535	18.3	0.0000168	0.00029
2090 Apr	119	0.142	0.217	0.00485	42.1	0.0388	20.3	0.00101	0.00101	0.00000523	0.00601	0.00111	0.0264	0.018	0.00000535	18.3	0.0000168	0.00029
2090 May	119	0.142	0.217	0.00485	42.1	0.0388	20.3	0.00101	0.00101	0.00000523	0.00601	0.00111	0.0264	0.018	0.00000535	18.4	0.0000168	0.000291
2090 Jun	118	0.141	0.214	0.0048	41.6	0.0385	20.1	0.00101	0.00101	0.00000521	0.00601	0.00111	0.0262	0.0181	0.00000533	18.4	0.0000168	0.00029
2090 Jul	118	0.141	0.215	0.0048	41.7	0.0386	20.2	0.00101	0.00101	0.00000522	0.00603	0.00112	0.0263	0.0182	0.00000534	18.4	0.0000169	0.000291
2090 Aug	118	0.14	0.214	0.00479	41.6	0.0386	20.2	0.00101	0.00101	0.00000522	0.00603	0.00112	0.0263	0.0182	0.00000534	18.4	0.0000169	0.000291
2090 Sep	118	0.14	0.213	0.00477	41.5	0.0386	20.1	0.00101	0.00101	0.00000521	0.00603	0.00112	0.0262	0.0182	0.00000533	18.4	0.0000169	0.000291
2090 Oct	118	0.14	0.212	0.00474	41.3	0.0385	20	0.00101	0.00101	0.0000052	0.00602	0.00112	0.0261	0.0181	0.00000532	18.4	0.0000168	0.00029
2090 Nov	117	0.139	0.212	0.00474	41.2	0.0385	20	0.00101	0.00101	0.0000052	0.00602	0.00112	0.0261	0.0181	0.00000531	18.4	0.0000168	0.00029
2090 Dec	117	0.139	0.212	0.00474	41.2	0.0385	20	0.00101	0.00101	0.0000052	0.00602	0.00112	0.0261	0.0181	0.00000531	18.4	0.0000168	0.00029
2091 Jan	117	0.139	0.212	0.00474	41.2	0.0385	20	0.00101	0.00101	0.0000052	0.00602	0.00112	0.0261	0.0181	0.00000531	18.4	0.0000168	0.00029
2091 Feb	117	0.139	0.212	0.00474	41.2	0.0385	20	0.00101	0.00101	0.0000052	0.00602	0.00112	0.0261	0.0181	0.00000531	18.4	0.0000168	0.00029
2091 Mar	117	0.139	0.212	0.00474	41.2	0.0385	20	0.00101	0.00101	0.0000052	0.00602	0.00112	0.0261	0.0181	0.00000531	18.4	0.0000168	0.00029
2091 Apr	117	0.139	0.212	0.00474	41.2	0.0385	20	0.00101	0.00101	0.0000052	0.00602	0.00112	0.0261	0.0181	0.00000531	18.4	0.0000168	0.00029
2091 May	118	0.14	0.212	0.00474	41.2	0.0385	20	0.00101	0.00101	0.0000052	0.00603	0.00112	0.0261	0.0182	0.00000532	18.4	0.0000169	0.00029
2091 Jun	117	0.139	0.21	0.0047	40.9	0.0383	19.9	0.00101	0.00101	0.00000519	0.00603	0.00112	0.026	0.0183	0.0000053	18.5	0.0000169	0.000291
2091 Jul	117	0.139	0.21	0.00471	41	0.0384	20	0.00101	0.00101	0.00000521	0.00605	0.00112	0.0261	0.0183	0.00000532	18.5	0.0000169	0.000292
2091 Aug	117	0.139	0.21	0.00471	41	0.0385	20	0.00101	0.00101	0.00000521	0.00606	0.00113	0.0261	0.0183	0.00000532	18.5	0.0000169	0.000292
2091 Sep	117	0.139	0.21	0.0047	41	0.0385	20	0.00101	0.00101	0.00000521	0.00606	0.00113	0.0261	0.0183	0.00000532	18.5	0.0000169	0.000292
2091 Oct	117	0.138	0.209	0.00469	40.9	0.0384	19.9	0.00101	0.00101	0.0000052	0.00606	0.00113	0.0261	0.0183	0.00000532	18.5	0.0000169	0.000292
2091 Nov	117	0.138	0.209	0.00467	40.8	0.0384	19.9	0.00101	0.00101	0.0000052	0.00605	0.00112	0.026	0.0183	0.00000531	18.5	0.0000169	0.000291
2091 Dec	117	0.138	0.209	0.00467	40.8	0.0384	19.9	0.00101	0.00101	0.0000052	0.00605	0.00112	0.026	0.0183	0.00000531	18.5	0.0000169	0.000291
2092 Jan	117	0.138	0.209	0.00467	40.8	0.0384	19.9	0.00101	0.00101	0.0000052	0.00605	0.00112	0.026	0.0183	0.00000531	18.5	0.0000169	0.000291
2092 Feb	117	0.138	0.209	0.00467	40.8	0.0384	19.9	0.00101	0.00101	0.0000052	0.00605	0.00112	0.026	0.0183	0.00000531	18.5	0.0000169	0.000291
2092 Mar	117	0.138	0.209	0.00468	40.8	0.0384	19.9	0.00101	0.00101	0.0000052	0.00606	0.00112	0.026	0.0183	0.00000531	18.5	0.0000169	0.000291
2092 Apr	117	0.138	0.209	0.00468	40.8	0.0384	19.9	0.00101	0.00101	0.0000052	0.00606	0.00113	0.026	0.0183	0.00000531	18.5	0.0000169	0.000291
2092 May	117	0.138	0.208	0.00467	40.8	0.0384	19.9	0.00101	0.00101	0.0000052	0.00606	0.00113	0.026	0.0184	0.00000532	18.5	0.0000169	0.000292
2092 Jun	116	0.137	0.205	0.0046	40.2	0.0381	19.7	0.001	0.001	0.00000517	0.00605	0.00113	0.0258	0.0184	0.00000528	18.5	0.0000169	0.000291
2092 Jul	116	0.137	0.205	0.0046	40.2	0.0381	19.7	0.001	0.001	0.00000517	0.00606	0.00113	0.0258	0.0185	0.00000529	18.6	0.0000169	0.000291
2092 Aug	116	0.137	0.205	0.00461	40.3	0.0382	19.8	0.00101	0.00101	0.00000519	0.00608	0.00113	0.0259	0.0185	0.0000053	18.6	0.000017	0.000292
2092 Sep	116	0.137	0.205	0.00461	40.3	0.0382	19.8	0.00101	0.00101	0.00000519	0.00608	0.00113	0.0259	0.0185	0.0000053	18.6	0.000017	0.000292
2092 Oct	116	0.137	0.205	0.0046	40.3	0.0382	19.8	0.00101	0.00101	0.00000519	0.00608	0.00113	0.0259	0.0185	0.0000053	18.6	0.000017	0.000292
2092 Nov	116	0.137	0.205	0.0046	40.3	0.0382	19.8	0.00101	0.00101	0.00000519	0.00608	0.00113	0.0259	0.0185	0.0000053	18.6	0.000017	0.000292
2092 Dec	116	0.137	0.205	0.0046	40.3	0.0382	19.8	0.00101	0.00101	0.00000519	0.00608	0.00113	0.0259	0.0185	0.0000053	18.6	0.000017	0.000292
2093 Jan	116	0.137	0.205	0.0046	40.3	0.0382	19.8	0.00101	0.00101	0.00000519	0.00608	0.00113	0.0259	0.0185	0.0000053	18.6	0.000017	0.000292
2093 Feb	116	0.137	0.205	0.0046	40.3	0.0382	19.8	0.00101	0.00101	0.00000519	0.00608	0.00113	0.0259	0.0185	0.0000053	18.6	0.000017	0.000292
2093 Mar	116	0.137	0.205	0.0046	40.3	0.0382	19.8	0.00101	0.00101	0.00000519	0.00608	0.00113	0.0259	0.0185	0.0000053	18.6	0.000017	0.000293
2093 Apr	116	0.137	0.205	0.0046	40.3	0.0383	19.8	0.00101	0.00101	0.00000519	0.00608	0.00113	0.0259	0.0185	0.0000053	18.6	0.000017	0.000293
2093 May	116	0.137	0.205	0.0046	40.3	0.0383	19.8	0.00101	0.00101	0.00000519	0.00609	0.00113	0.0259	0.0186	0.00000531	18.7	0.000017	0.000293
2093 Jun	116	0.136	0.203	0.00456	40	0.0381	19.6	0.001	0.001	0.00000518	0.00609	0.00114	0.0257	0.0186	0.00000529	18.7	0.000017	0.000293
2093 Jul	116	0.136	0.203	0.00457	40.1	0.0382	19.7	0.00101	0.00101	0.00000519	0.0061	0.00114	0.0258	0.0187	0.0000053	18.7	0.0000171	0.000294
2093 Aug	116	0.136	0.204	0.00458	40.2	0.0383	19.7	0.00101	0.00101	0.0000052	0.00612	0.00114	0.0259	0.0187	0.00000531	18.8	0.0000171	0.000294
2093 Sep	116	0.136	0.204	0.00457	40.2	0.0383	19.8	0.00101	0.00101	0.0000052	0.00612	0.00114	0.0259	0.0187	0.00000532	18.8	0.0000171	0.000295
2093 Oct	116	0.136	0.202	0.00455	40	0.0382	19.7	0.00101	0.00101	0.00000519	0.00611	0.00114	0.0258	0.0187	0.0000053	18.7	0.0000171	0.000294
2093 Nov	116	0.136	0.202	0.00454	39.9	0.0382	19.7	0.00101	0.00101	0.00000519	0.00611	0.00114	0.0258	0.0187	0.0000053	18.7	0.0000171	0.000294
2093 Dec	116	0.136	0.202	0.00454	39.9	0.0382	19.7	0.00101	0.00101	0.00000519	0.00611	0.00114	0.0258	0.0187	0.0000053	18.7	0.0000171	0.000294
2094 Jan	116	0.136	0.202	0.00454	39.9	0.0382	19.7	0.00101	0.00101	0.00000519	0.00611	0.00114	0.0258	0.0187	0.0000053	18.7	0.0000171	0.000294
2094 Feb	116	0.136	0.202	0.00454	39.9	0.0382	19.7	0.00101	0.00101	0.00000519	0.00611	0.00114	0.0258	0.0187	0.0000053	18.7	0.0000171	0.000294
2094 Mar	116	0.136	0.202	0.00454	39.9	0.0382	19.7	0.00101	0.00101	0.00000519	0.00611	0.00114	0.0258	0.0187	0.0000053	18.7	0.0000171	0.000294
2094 Apr	116	0.136	0.202	0.00454	40	0.0382	19.7	0.00101	0.00101	0.00000519	0.00612	0.00114	0.0258	0.0187	0.0000053	18.7	0.0000171	0.000294
2094 May	116	0.136	0.202	0.00453	39.9	0.0382	19.7	0.00101	0.00101	0.00000519	0.00612	0.00114	0.0258	0.0187	0.0000053	18.8	0.0000171	0.000294
2094 Jun	115	0.135	0.201	0.00451	39.7	0.0381	19.6	0.00101	0.00101	0.00000518	0.00612	0.00115	0.0257	0.0188	0.0000053	18.8	0.0000171	0.000295
2094 Jul	116	0.136	0.201	0.00453	39.9	0.0383	19.7	0.00101	0.00101	0.0000052	0.00615	0.00115	0.0258	0.0189	0.00000532	18.9	0.0000172	0.000296
2094 Aug	116	0.136	0.202	0.00454	40	0.0384	19.8	0.00101	0.00101	0.00000522	0.00617	0.00115	0.0259	0.0189	0.00000534	19	0.0000172	0.000297
2094 Sep	116	0.136	0.202	0.00454	40	0.0384	19.8	0.00101	0.00101	0.00000522	0.00617	0.00115	0.0259	0.0189	0.00000534	19	0.0000172	0.000297
2094 Oct	116	0.136	0.201	0.00453	40	0.0384	19.7	0.00101	0.00101	0.00000522	0.00617	0.00115	0.0259	0.0189	0.00000533	18.9	0.0000172	0.000297
2094 Nov	116	0.136	0.201	0.00452	39.9	0.0383	19.7	0.00101	0.00101	0.00000521	0.00617	0.00115	0.0258	0.0189	0.00000532	18.9	0.0000172	0.000296
2094 Dec	116	0.136	0.201	0.00451	39.8	0.0383	19.7	0.00101	0.00101	0.00000521	0.00617	0.00115	0.0258	0.0189	0.00000532	18.9	0.0000172	0.000296
2095 Jan	116	0.136	0.201	0.00451	39.8	0.0383	19.7	0.00101	0.00101	0.00000521	0.00617	0.00115	0.0258	0.0189	0.00000532	18.9	0.0000172	0.000296
2095 Feb	116	0.136	0.201	0.00451	39.8	0.0383	19.7	0.00101	0.00101	0.00000521	0.00617	0.00115	0.0258	0.0189	0.00000532	18.9	0.0000172	0.000296
2095 Mar	116	0.136	0.201	0.00452	39.9	0.0383	19.7	0.00101	0.00101	0.00000521	0.00617	0.00115	0.0258	0.0189	0.00000532	18.9	0.0000172	0.000296

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Apr	116	0.136	0.201	0.00452	39.9	0.0384	19.7	0.00101	0.00101	0.00000521	0.00617	0.00115	0.0259	0.0189	0.00000532	18.9	0.0000172	0.000296
2095 May	116	0.135	0.2	0.00451	39.8	0.0383	19.7	0.00101	0.00101	0.00000521	0.00617	0.00115	0.0258	0.019	0.00000532	19	0.0000172	0.000297
2095 Jun	116	0.135	0.2	0.0045	39.7	0.0383	19.7	0.00101	0.00101	0.00000521	0.00618	0.00116	0.0258	0.019	0.00000533	19	0.0000173	0.000297
2095 Jul	116	0.136	0.2	0.00451	39.9	0.0385	19.7	0.00102	0.00102	0.00000523	0.00621	0.00116	0.0259	0.0191	0.00000535	19.1	0.0000173	0.000298
2095 Aug	116	0.136	0.2	0.00451	39.9	0.0385	19.8	0.00102	0.00102	0.00000523	0.00621	0.00116	0.0259	0.0191	0.00000535	19.1	0.0000173	0.000299
2095 Sep	116	0.136	0.2	0.00451	39.9	0.0385	19.8	0.00102	0.00102	0.00000523	0.00621	0.00116	0.026	0.0191	0.00000535	19.1	0.0000173	0.000299
2095 Oct	116	0.136	0.2	0.0045	39.9	0.0385	19.8	0.00102	0.00102	0.00000523	0.00621	0.00116	0.026	0.0191	0.00000535	19.1	0.0000173	0.000299
2095 Nov	116	0.135	0.2	0.0045	39.8	0.0385	19.7	0.00101	0.00101	0.00000523	0.00621	0.00116	0.0259	0.0191	0.00000534	19.1	0.0000173	0.000299
2095 Dec	116	0.135	0.2	0.0045	39.8	0.0385	19.7	0.00101	0.00101	0.00000523	0.00621	0.00116	0.0259	0.0191	0.00000534	19.1	0.0000173	0.000299
2096 Jan	116	0.135	0.2	0.0045	39.8	0.0385	19.7	0.00101	0.00101	0.00000523	0.00621	0.00116	0.0259	0.0191	0.00000534	19.1	0.0000173	0.000299
2096 Feb	116	0.135	0.2	0.0045	39.8	0.0385	19.7	0.00101	0.00101	0.00000523	0.00621	0.00116	0.0259	0.0191	0.00000534	19.1	0.0000173	0.000299
2096 Mar	116	0.135	0.2	0.0045	39.8	0.0385	19.7	0.00102	0.00102	0.00000523	0.00621	0.00116	0.0259	0.0191	0.00000534	19.1	0.0000173	0.000299
2096 Apr	116	0.135	0.2	0.0045	39.8	0.0385	19.7	0.00102	0.00102	0.00000523	0.00621	0.00116	0.0259	0.0191	0.00000534	19.1	0.0000173	0.000299
2096 May	116	0.135	0.2	0.0045	39.8	0.0385	19.7	0.00102	0.00102	0.00000524	0.00622	0.00117	0.0259	0.0192	0.00000535	19.1	0.0000173	0.000299
2096 Jun	115	0.134	0.197	0.00443	39.3	0.0382	19.5	0.00101	0.00101	0.00000521	0.00621	0.00116	0.0257	0.0192	0.00000532	19.1	0.0000173	0.000298
2096 Jul	115	0.134	0.197	0.00443	39.4	0.0383	19.6	0.00101	0.00101	0.00000522	0.00623	0.00117	0.0257	0.0192	0.00000533	19.1	0.0000174	0.000299
2096 Aug	116	0.134	0.197	0.00445	39.5	0.0384	19.6	0.00102	0.00102	0.00000524	0.00624	0.00117	0.0258	0.0193	0.00000535	19.2	0.0000174	0.0003
2096 Sep	116	0.134	0.197	0.00444	39.5	0.0384	19.6	0.00102	0.00102	0.00000523	0.00625	0.00117	0.0258	0.0193	0.00000535	19.2	0.0000174	0.0003
2096 Oct	115	0.134	0.196	0.00442	39.3	0.0384	19.6	0.00101	0.00101	0.00000522	0.00624	0.00117	0.0258	0.0193	0.00000534	19.2	0.0000174	0.0003
2096 Nov	115	0.134	0.196	0.00442	39.3	0.0384	19.6	0.00101	0.00101	0.00000522	0.00624	0.00117	0.0258	0.0193	0.00000533	19.2	0.0000174	0.000299
2096 Dec	115	0.134	0.196	0.00442	39.3	0.0384	19.6	0.00101	0.00101	0.00000522	0.00624	0.00117	0.0258	0.0193	0.00000533	19.2	0.0000174	0.000299
2097 Jan	115	0.134	0.196	0.00442	39.3	0.0384	19.6	0.00101	0.00101	0.00000522	0.00624	0.00117	0.0258	0.0193	0.00000533	19.2	0.0000174	0.000299
2097 Feb	115	0.134	0.196	0.00442	39.3	0.0384	19.6	0.00101	0.00101	0.00000522	0.00624	0.00117	0.0258	0.0193	0.00000533	19.2	0.0000174	0.000299
2097 Mar	115	0.134	0.196	0.00442	39.3	0.0384	19.6	0.00101	0.00101	0.00000522	0.00624	0.00117	0.0258	0.0193	0.00000534	19.2	0.0000174	0.000299
2097 Apr	115	0.134	0.196	0.00442	39.3	0.0384	19.6	0.00101	0.00101	0.00000523	0.00625	0.00117	0.0258	0.0193	0.00000534	19.2	0.0000174	0.0003
2097 May	115	0.134	0.196	0.00442	39.3	0.0384	19.6	0.00102	0.00102	0.00000523	0.00625	0.00117	0.0258	0.0193	0.00000534	19.2	0.0000174	0.0003
2097 Jun	115	0.134	0.195	0.0044	39.2	0.0383	19.5	0.00101	0.00101	0.00000523	0.00626	0.00117	0.0257	0.0194	0.00000534	19.3	0.0000174	0.0003
2097 Jul	116	0.134	0.195	0.00441	39.3	0.0385	19.6	0.00102	0.00102	0.00000524	0.00628	0.00118	0.0258	0.0194	0.00000535	19.3	0.0000175	0.000301
2097 Aug	116	0.134	0.196	0.00442	39.4	0.0386	19.6	0.00102	0.00102	0.00000525	0.00629	0.00118	0.0259	0.0195	0.00000537	19.4	0.0000175	0.000302
2097 Sep	116	0.134	0.196	0.00442	39.4	0.0386	19.7	0.00102	0.00102	0.00000526	0.0063	0.00118	0.0259	0.0195	0.00000537	19.4	0.0000176	0.000302
2097 Oct	116	0.134	0.196	0.00442	39.4	0.0386	19.7	0.00102	0.00102	0.00000526	0.0063	0.00118	0.0259	0.0195	0.00000537	19.4	0.0000175	0.000302
2097 Nov	116	0.134	0.196	0.00442	39.4	0.0386	19.7	0.00102	0.00102	0.00000526	0.0063	0.00118	0.0259	0.0195	0.00000537	19.4	0.0000175	0.000302
2097 Dec	116	0.134	0.196	0.00442	39.4	0.0386	19.7	0.00102	0.00102	0.00000526	0.0063	0.00118	0.0259	0.0195	0.00000537	19.4	0.0000175	0.000302
2098 Jan	116	0.134	0.196	0.00442	39.4	0.0386	19.7	0.00102	0.00102	0.00000526	0.0063	0.00118	0.0259	0.0195	0.00000537	19.4	0.0000175	0.000302
2098 Feb	116	0.134	0.196	0.00442	39.4	0.0386	19.7	0.00102	0.00102	0.00000526	0.0063	0.00118	0.0259	0.0195	0.00000537	19.4	0.0000175	0.000302
2098 Mar	116	0.134	0.196	0.00442	39.4	0.0386	19.7	0.00102	0.00102	0.00000526	0.0063	0.00118	0.0259	0.0195	0.00000537	19.4	0.0000175	0.000302
2098 Apr	116	0.134	0.196	0.00442	39.4	0.0386	19.7	0.00102	0.00102	0.00000526	0.0063	0.00118	0.0259	0.0195	0.00000537	19.4	0.0000175	0.000302
2098 May	116	0.134	0.195	0.00441	39.3	0.0386	19.6	0.00102	0.00102	0.00000526	0.0063	0.00119	0.0259	0.0196	0.00000537	19.4	0.0000176	0.000303
2098 Jun	115	0.133	0.192	0.00434	38.9	0.0383	19.4	0.00102	0.00102	0.00000523	0.00629	0.00118	0.0256	0.0196	0.00000534	19.4	0.0000175	0.000302
2098 Jul	115	0.133	0.192	0.00436	39	0.0384	19.5	0.00102	0.00102	0.00000525	0.00631	0.00119	0.0257	0.0197	0.00000536	19.5	0.0000176	0.000303
2098 Aug	115	0.133	0.193	0.00436	39	0.0385	19.5	0.00102	0.00102	0.00000525	0.00632	0.00119	0.0258	0.0197	0.00000536	19.5	0.0000176	0.000304
2098 Sep	115	0.133	0.192	0.00434	38.9	0.0384	19.5	0.00102	0.00102	0.00000524	0.00631	0.00119	0.0257	0.0197	0.00000535	19.5	0.0000176	0.000303
2098 Oct	115	0.132	0.191	0.00432	38.8	0.0384	19.4	0.00102	0.00102	0.00000523	0.00631	0.00119	0.0257	0.0196	0.00000534	19.5	0.0000176	0.000303
2098 Nov	115	0.132	0.19	0.00431	38.7	0.0383	19.4	0.00102	0.00102	0.00000523	0.0063	0.00119	0.0256	0.0196	0.00000534	19.4	0.0000176	0.000303
2098 Dec	115	0.132	0.19	0.00431	38.7	0.0383	19.4	0.00102	0.00102	0.00000523	0.0063	0.00119	0.0256	0.0196	0.00000534	19.4	0.0000176	0.000303
2099 Jan	115	0.132	0.19	0.00431	38.7	0.0383	19.4	0.00102	0.00102	0.00000523	0.0063	0.00119	0.0256	0.0196	0.00000534	19.4	0.0000176	0.000303
2099 Feb	115	0.132	0.19	0.00431	38.7	0.0383	19.4	0.00102	0.00102	0.00000523	0.0063	0.00119	0.0256	0.0196	0.00000534	19.5	0.0000176	0.000303
2099 Mar	115	0.132	0.19	0.00431	38.7	0.0383	19.4	0.00102	0.00102	0.00000523	0.00631	0.00119	0.0256	0.0196	0.00000534	19.5	0.0000176	0.000303
2099 Apr	115	0.132	0.191	0.00432	38.7	0.0384	19.4	0.00102	0.00102	0.00000523	0.00631	0.00119	0.0257	0.0197	0.00000534	19.5	0.0000176	0.000303
2099 May	114	0.132	0.189	0.00428	38.5	0.0382	19.3	0.00101	0.00101	0.00000522	0.00631	0.00119	0.0255	0.0198	0.00000533	19.5	0.0000176	0.000303
2099 Jun	114	0.131	0.188	0.00426	38.4	0.0381	19.3	0.00101	0.00101	0.00000521	0.00631	0.00119	0.0255	0.0198	0.00000532	19.5	0.0000176	0.000303
2099 Jul	114	0.131	0.188	0.00427	38.5	0.0383	19.3	0.00102	0.00102	0.00000523	0.00633	0.0012	0.0256	0.0199	0.00000534	19.6	0.0000176	0.000304
2099 Aug	115	0.132	0.189	0.00428	38.6	0.0384	19.4	0.00102	0.00102	0.00000525	0.00635	0.0012	0.0257	0.0199	0.00000536	19.7	0.0000177	0.000305
2099 Sep	115	0.132	0.189	0.00428	38.6	0.0384	19.4	0.00102	0.00102	0.00000524	0.00634	0.0012	0.0257	0.0199	0.00000535	19.6	0.0000177	0.000305
2099 Oct	115	0.131	0.188	0.00427	38.5	0.0384	19.4	0.00102	0.00102	0.00000524	0.00634	0.0012	0.0256	0.0199	0.00000535	19.6	0.0000176	0.000305
2099 Nov	114	0.131	0.188	0.00426	38.4	0.0383	19.3	0.00102	0.00102	0.00000523	0.00634	0.0012	0.0256	0.0199	0.00000534	19.6	0.0000176	0.000305
2099 Dec	114	0.131	0.188	0.00426	38.4	0.0383	19.3	0.00102	0.00102	0.00000523	0.00634	0.0012	0.0256	0.0199	0.00000534	19.6	0.0000176	0.000305
2100 Jan	114	0.131	0.188	0.00426	38.4	0.0383	19.3	0.00102	0.00102	0.00000523	0.00634	0.0012	0.0256	0.0199	0.00000534	19.6	0.0000176	0.000305
2100 Feb	114	0.131	0.188	0.00426	38.4	0.0383	19.3	0.00102	0.00102	0.00000523	0.00634	0.0012	0.0256	0.0199	0.00000534	19.6	0.0000176	0.000305
2100 Mar	114	0.131	0.188	0.00426	38.4	0.0383	19.3	0.00102	0.00102	0.00000523	0.00634	0.0012	0.0256	0.0199	0.00000534	19.6	0.0000176	0.000305
2100 Apr	114	0.131	0.188	0.00426	38.5	0.0383	19.4	0.00102	0.00102	0.00000523	0.00634	0.0012	0.0256	0.0199	0.00000534	19.6	0.0000176	0.000305
2100 May	114	0.131	0.187	0.00425	38.4	0.0383	19.3	0.00102	0.00102	0.00000523	0.00634	0.0012	0.0256	0.02	0.00000534	19.7	0.0000177	0.000305
2100 Jun	114	0.13	0.185	0.0042	38	0.0381	19.2	0.00101	0.00101	0.00000521	0.00633	0.0012	0.0254	0.02	0.00000532	19.7	0.0000176	0.000305
2100 Jul	114	0.13	0.185	0.0042	38	0.0381	19.2	0.00101	0.00101	0.00000522	0.00634	0.0012	0.0254	0.02	0.00000532	19.7	0.0000177	0.000305
2100 Aug	114	0.13	0.184	0.00419	38	0.0381	19.2	0.00101	0.00101	0.00000522	0.00634	0.0012	0.0254	0.02	0.00000532	19.7	0.0000177	0.000305
2100 Sep	114	0.13	0.184	0.00418	38	0.0381	19.2	0.00101	0.00101	0.00000522	0.00634	0.0012	0.0254	0.02	0.00000532	19.7	0.0000177	0.000305
2100 Oct	114	0.13	0.184	0.00418	38	0.0381	19.2	0.00101	0.00101	0.00000522	0.00635	0.0012	0.0254	0.02	0.00000533	19.7	0.0000177	0.000305

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2100 Nov	114	0.13	0.184	0.00418	38	0.0382	19.2	0.00101	0.00101	0.00000522	0.00635	0.0012	0.0254	0.02	0.00000533	19.7	0.0000177	0.000305
2100 Dec	114	0.13	0.184	0.00418	38	0.0382	19.2	0.00101	0.00101	0.00000522	0.00635	0.0012	0.0254	0.02	0.00000533	19.7	0.0000177	0.000306
2101 Jan	114	0.13	0.184	0.00418	38	0.0382	19.2	0.00101	0.00101	0.00000522	0.00635	0.0012	0.0254	0.02	0.00000533	19.7	0.0000177	0.000306
2101 Feb	114	0.13	0.184	0.00418	38	0.0382	19.2	0.00101	0.00101	0.00000522	0.00635	0.0012	0.0254	0.02	0.00000533	19.7	0.0000177	0.000306
2101 Mar	114	0.13	0.184	0.00418	38	0.0382	19.2	0.00101	0.00101	0.00000522	0.00635	0.0012	0.0254	0.02	0.00000533	19.7	0.0000177	0.000306
2101 Apr	114	0.13	0.184	0.00418	38	0.0382	19.2	0.00101	0.00101	0.00000522	0.00635	0.0012	0.0254	0.02	0.00000533	19.7	0.0000177	0.000306
2101 May	114	0.129	0.184	0.00417	37.9	0.0381	19.2	0.00101	0.00101	0.00000522	0.00635	0.00121	0.0254	0.0201	0.00000533	19.8	0.0000177	0.000306
2101 Jun	113	0.129	0.182	0.00414	37.7	0.038	19.1	0.00101	0.00101	0.00000521	0.00635	0.00121	0.0253	0.0201	0.00000531	19.8	0.0000177	0.000306
2101 Jul	113	0.129	0.182	0.00415	37.8	0.0381	19.1	0.00102	0.00102	0.00000522	0.00637	0.00121	0.0254	0.0202	0.00000533	19.8	0.0000177	0.000307
2101 Aug	114	0.129	0.183	0.00417	37.9	0.0382	19.2	0.00102	0.00102	0.00000524	0.00639	0.00121	0.0254	0.0203	0.00000535	19.9	0.0000178	0.000308
2101 Sep	114	0.129	0.183	0.00416	37.9	0.0382	19.2	0.00102	0.00102	0.00000524	0.00639	0.00121	0.0255	0.0203	0.00000535	19.9	0.0000178	0.000308
2101 Oct	114	0.129	0.183	0.00416	37.9	0.0383	19.2	0.00102	0.00102	0.00000523	0.00639	0.00121	0.0255	0.0203	0.00000534	19.9	0.0000178	0.000308
2101 Nov	114	0.129	0.182	0.00415	37.8	0.0382	19.2	0.00102	0.00102	0.00000523	0.00638	0.00121	0.0254	0.0202	0.00000534	19.9	0.0000178	0.000308
2101 Dec	114	0.129	0.182	0.00415	37.8	0.0382	19.2	0.00102	0.00102	0.00000523	0.00638	0.00121	0.0254	0.0202	0.00000534	19.9	0.0000178	0.000308
2102 Jan	114	0.129	0.182	0.00415	37.8	0.0382	19.2	0.00102	0.00102	0.00000523	0.00638	0.00121	0.0254	0.0202	0.00000534	19.9	0.0000178	0.000308
2102 Feb	114	0.129	0.182	0.00415	37.8	0.0382	19.2	0.00102	0.00102	0.00000523	0.00638	0.00121	0.0254	0.0202	0.00000534	19.9	0.0000178	0.000308
2102 Mar	114	0.129	0.182	0.00415	37.8	0.0382	19.2	0.00102	0.00102	0.00000523	0.00638	0.00121	0.0254	0.0202	0.00000534	19.9	0.0000178	0.000308
2102 Apr	114	0.129	0.182	0.00415	37.8	0.0382	19.2	0.00102	0.00102	0.00000523	0.00639	0.00121	0.0254	0.0202	0.00000534	19.9	0.0000178	0.000308
2102 May	114	0.129	0.182	0.00415	37.9	0.0383	19.2	0.00102	0.00102	0.00000523	0.00639	0.00122	0.0254	0.0203	0.00000534	19.9	0.0000178	0.000308
2102 Jun	113	0.128	0.18	0.00411	37.5	0.0381	19	0.00101	0.00101	0.00000522	0.00639	0.00121	0.0253	0.0202	0.00000533	19.8	0.0000178	0.000307
2102 Jul	113	0.128	0.179	0.00409	37.4	0.038	19	0.00101	0.00101	0.00000522	0.00639	0.00121	0.0252	0.0202	0.00000533	19.8	0.0000178	0.000307
2102 Aug	113	0.128	0.18	0.0041	37.5	0.0381	19	0.00102	0.00102	0.00000523	0.00641	0.00122	0.0253	0.0203	0.00000534	19.9	0.0000178	0.000308
2102 Sep	113	0.128	0.18	0.0041	37.5	0.0381	19	0.00102	0.00102	0.00000523	0.00641	0.00122	0.0253	0.0203	0.00000534	19.9	0.0000178	0.000308
2102 Oct	113	0.128	0.179	0.00408	37.4	0.0381	19	0.00102	0.00102	0.00000522	0.0064	0.00122	0.0253	0.0203	0.00000533	19.9	0.0000178	0.000307
2102 Nov	113	0.128	0.179	0.00408	37.4	0.0381	19	0.00102	0.00102	0.00000522	0.00641	0.00122	0.0253	0.0203	0.00000533	19.9	0.0000178	0.000307
2102 Dec	113	0.128	0.179	0.00408	37.4	0.0381	19	0.00102	0.00102	0.00000522	0.00641	0.00122	0.0253	0.0203	0.00000533	19.9	0.0000178	0.000307
2103 Jan	113	0.128	0.179	0.00408	37.4	0.0381	19	0.00102	0.00102	0.00000522	0.00641	0.00122	0.0253	0.0203	0.00000533	19.9	0.0000178	0.000307
2103 Feb	113	0.128	0.179	0.00408	37.4	0.0381	19	0.00102	0.00102	0.00000522	0.00641	0.00122	0.0253	0.0203	0.00000533	19.9	0.0000178	0.000307
2103 Mar	113	0.128	0.179	0.00408	37.4	0.0381	19	0.00102	0.00102	0.00000522	0.00641	0.00122	0.0253	0.0203	0.00000533	19.9	0.0000178	0.000307
2103 Apr	113	0.128	0.179	0.00409	37.4	0.0381	19	0.00102	0.00102	0.00000522	0.00641	0.00122	0.0253	0.0203	0.00000533	19.9	0.0000178	0.000308
2103 May	113	0.127	0.179	0.00408	37.3	0.0381	19	0.00102	0.00102	0.00000523	0.00641	0.00122	0.0253	0.0203	0.00000533	19.9	0.0000178	0.000308
2103 Jun	112	0.126	0.176	0.00403	37	0.0378	18.8	0.00101	0.00101	0.0000052	0.0064	0.00122	0.0251	0.0204	0.00000531	19.9	0.0000178	0.000307
2103 Jul	112	0.126	0.176	0.00403	37	0.0379	18.8	0.00101	0.00101	0.00000521	0.00641	0.00122	0.0251	0.0204	0.00000532	19.9	0.0000178	0.000308
2103 Aug	112	0.126	0.176	0.00402	36.9	0.0379	18.8	0.00101	0.00101	0.00000521	0.00642	0.00122	0.0251	0.0204	0.00000532	19.9	0.0000178	0.000308
2103 Sep	112	0.126	0.175	0.00401	36.9	0.0379	18.8	0.00101	0.00101	0.00000521	0.00641	0.00122	0.0251	0.0204	0.00000531	19.9	0.0000178	0.000308
2103 Oct	111	0.125	0.174	0.00398	36.7	0.0378	18.7	0.00101	0.00101	0.00000519	0.00641	0.00122	0.025	0.0204	0.0000053	19.9	0.0000178	0.000307
2103 Nov	111	0.125	0.174	0.00398	36.6	0.0378	18.7	0.00101	0.00101	0.00000519	0.00641	0.00122	0.025	0.0204	0.0000053	19.9	0.0000178	0.000307
2103 Dec	111	0.125	0.174	0.00398	36.6	0.0378	18.7	0.00101	0.00101	0.00000519	0.00641	0.00122	0.025	0.0204	0.0000053	19.9	0.0000178	0.000307
2104 Jan	111	0.125	0.174	0.00398	36.6	0.0378	18.7	0.00101	0.00101	0.00000519	0.00641	0.00122	0.025	0.0204	0.0000053	19.9	0.0000178	0.000307
2104 Feb	111	0.125	0.174	0.00398	36.6	0.0378	18.7	0.00101	0.00101	0.00000519	0.00641	0.00122	0.025	0.0204	0.0000053	19.9	0.0000178	0.000307
2104 Mar	111	0.125	0.174	0.00398	36.6	0.0378	18.7	0.00101	0.00101	0.00000519	0.00641	0.00122	0.025	0.0204	0.0000053	19.9	0.0000178	0.000307
2104 Apr	111	0.125	0.174	0.00398	36.7	0.0378	18.7	0.00101	0.00101	0.00000519	0.00641	0.00122	0.025	0.0204	0.0000053	19.9	0.0000178	0.000307
2104 May	111	0.125	0.173	0.00397	36.6	0.0378	18.7	0.00101	0.00101	0.0000052	0.00642	0.00122	0.0249	0.0204	0.0000053	19.9	0.0000178	0.000308
2104 Jun	111	0.124	0.171	0.00393	36.3	0.0376	18.6	0.00101	0.00101	0.00000517	0.0064	0.00122	0.0248	0.0205	0.00000528	19.9	0.0000178	0.000307
2104 Jul	111	0.124	0.171	0.00393	36.3	0.0377	18.6	0.00101	0.00101	0.00000518	0.00642	0.00122	0.0248	0.0205	0.00000529	20	0.0000178	0.000308
2104 Aug	111	0.124	0.171	0.00394	36.4	0.0377	18.6	0.00101	0.00101	0.00000519	0.00642	0.00123	0.0249	0.0205	0.0000053	20	0.0000178	0.000308
2104 Sep	111	0.124	0.171	0.00393	36.3	0.0377	18.6	0.00101	0.00101	0.00000519	0.00642	0.00123	0.0249	0.0205	0.00000529	20	0.0000178	0.000308
2104 Oct	111	0.124	0.17	0.00391	36.2	0.0377	18.6	0.00101	0.00101	0.00000518	0.00642	0.00122	0.0248	0.0205	0.00000529	20	0.0000178	0.000308
2104 Nov	111	0.124	0.17	0.00391	36.2	0.0377	18.6	0.00101	0.00101	0.00000518	0.00642	0.00122	0.0248	0.0205	0.00000529	20	0.0000178	0.000308
2104 Dec	111	0.124	0.17	0.00391	36.2	0.0377	18.6	0.00101	0.00101	0.00000518	0.00642	0.00122	0.0248	0.0205	0.00000529	20	0.0000178	0.000308
2105 Jan	111	0.124	0.17	0.00391	36.2	0.0377	18.6	0.00101	0.00101	0.00000518	0.00642	0.00122	0.0248	0.0205	0.00000529	20	0.0000178	0.000308
2105 Feb	111	0.124	0.17	0.00391	36.2	0.0377	18.6	0.00101	0.00101	0.00000518	0.00642	0.00122	0.0248	0.0205	0.00000529	20	0.0000178	0.000308
2105 Mar	111	0.124	0.17	0.00391	36.2	0.0377	18.6	0.00101	0.00101	0.00000518	0.00642	0.00122	0.0248	0.0205	0.00000529	20	0.0000178	0.000308
2105 Apr	111	0.124	0.17	0.00391	36.2	0.0377	18.6	0.00101	0.00101	0.00000518	0.00642	0.00122	0.0248	0.0205	0.00000529	20	0.0000178	0.000308
2105 May	111	0.124	0.17	0.0039	36.2	0.0376	18.5	0.00101	0.00101	0.00000518	0.00642	0.00123	0.0248	0.0206	0.00000529	20	0.0000178	0.000308
2105 Jun	110	0.123	0.169	0.00388	36.1	0.0376	18.5	0.00101	0.00101	0.00000518	0.00643	0.00123	0.0247	0.0206	0.00000528	20	0.0000178	0.000308
2105 Jul	111	0.124	0.169	0.00389	36.1	0.0377	18.5	0.00101	0.00101	0.00000519	0.00644	0.00123	0.0248	0.0207	0.0000053	20.1	0.0000179	0.000309
2105 Aug	111	0.123	0.169	0.00388	36.1	0.0377	18.5	0.00101	0.00101	0.00000519	0.00644	0.00123	0.0248	0.0207	0.00000529	20.1	0.0000179	0.000309
2105 Sep	110	0.123	0.167	0.00386	35.9	0.0376	18.5	0.00101	0.00101	0.00000517	0.00643	0.00123	0.0247	0.0206	0.00000528	20	0.0000178	0.000308
2105 Oct	110	0.122	0.167	0.00384	35.8	0.0375	18.4	0.00101	0.00101	0.00000517	0.00643	0.00123	0.0246	0.0206	0.00000527	20	0.0000178	0.000308
2105 Nov	110	0.122	0.166	0.00384	35.7	0.0375	18.4	0.00101	0.00101	0.00000516	0.00642	0.00123	0.0246	0.0206	0.00000527	20	0.0000178	0.000308
2105 Dec	110	0.122	0.166	0.00384	35.7	0.0375	18.4	0.00101	0.00101	0.00000516	0.00642	0.00123	0.0246	0.0206	0.00000527	20	0.0000178	0.000308
2106 Jan	110	0.122	0.166	0.00384	35.7	0.0375	18.4	0.00101	0.00101	0.00000516	0.00642	0.00123	0.0246	0.0206	0.00000527	20	0.0000178	0.000308
2106 Feb	110	0.122	0.166	0.00384	35.7	0.0375	18.4	0.00101	0.00101	0.00000516	0.00642	0.00123	0.0246	0.0206	0.00000527	20	0.0000178	0.000308
2106 Mar	110	0.122	0.166	0.00384	35.7	0.0375	18.4	0.00101	0.00101	0.00000516	0.00642	0.00123	0.0246	0.0206	0.00000527	20	0.0000178	0.000308
2106 Apr	110	0.122	0.166	0.00384	35.8	0.0375	18.4	0.00101	0.00101	0.00000516	0.00643	0.00123	0.0246	0.0206	0.00000527	20	0.0000178	0.000308
2106 May	110	0.122	0.166	0.00384	35.8	0.0376	18.4	0.00101	0.00101	0.00000517	0.00643	0.00123	0.0246	0.0206	0.00000527	20	0.0000178	0.000308

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Jun	109	0.121	0.164	0.00379	35.4	0.0373	18.2	0.001	0.001	0.00000515	0.00642	0.00123	0.0244	0.0207	0.00000525	20	0.0000178	0.000308
2106 Jul	109	0.121	0.164	0.00379	35.5	0.0374	18.3	0.00101	0.00101	0.00000516	0.00644	0.00123	0.0245	0.0207	0.00000526	20.1	0.0000178	0.000308
2106 Aug	109	0.121	0.164	0.00379	35.5	0.0375	18.3	0.00101	0.00101	0.00000516	0.00644	0.00123	0.0245	0.0207	0.00000527	20.1	0.0000178	0.000309
2106 Sep	109	0.121	0.163	0.00377	35.4	0.0374	18.2	0.001	0.001	0.00000516	0.00644	0.00123	0.0245	0.0207	0.00000526	20	0.0000178	0.000308
2106 Oct	109	0.121	0.163	0.00377	35.3	0.0374	18.2	0.001	0.001	0.00000515	0.00644	0.00123	0.0245	0.0207	0.00000526	20	0.0000178	0.000308
2106 Nov	109	0.121	0.163	0.00377	35.3	0.0374	18.2	0.001	0.001	0.00000515	0.00644	0.00123	0.0245	0.0207	0.00000526	20	0.0000178	0.000308
2106 Dec	109	0.121	0.163	0.00377	35.3	0.0374	18.2	0.001	0.001	0.00000515	0.00644	0.00123	0.0245	0.0207	0.00000526	20	0.0000178	0.000308
2107 Jan	109	0.121	0.163	0.00377	35.3	0.0374	18.2	0.001	0.001	0.00000515	0.00644	0.00123	0.0245	0.0207	0.00000526	20	0.0000178	0.000308
2107 Feb	109	0.121	0.163	0.00377	35.3	0.0374	18.2	0.001	0.001	0.00000515	0.00644	0.00123	0.0245	0.0207	0.00000526	20	0.0000178	0.000308
2107 Mar	109	0.121	0.163	0.00377	35.3	0.0374	18.2	0.001	0.001	0.00000515	0.00644	0.00123	0.0245	0.0207	0.00000526	20	0.0000178	0.000308
2107 Apr	109	0.121	0.163	0.00377	35.3	0.0374	18.2	0.001	0.001	0.00000516	0.00644	0.00123	0.0245	0.0207	0.00000526	20	0.0000178	0.000308
2107 May	109	0.121	0.163	0.00376	35.3	0.0374	18.2	0.001	0.001	0.00000516	0.00644	0.00123	0.0244	0.0207	0.00000526	20.1	0.0000178	0.000308
2107 Jun	109	0.12	0.161	0.00374	35.1	0.0373	18.1	0.001	0.001	0.00000515	0.00644	0.00123	0.0244	0.0208	0.00000525	20.1	0.0000178	0.000308
2107 Jul	109	0.12	0.162	0.00374	35.2	0.0374	18.2	0.001	0.001	0.00000516	0.00645	0.00124	0.0244	0.0208	0.00000526	20.1	0.0000178	0.000309
2107 Aug	109	0.12	0.162	0.00375	35.3	0.0375	18.2	0.00101	0.00101	0.00000517	0.00647	0.00124	0.0245	0.0209	0.00000527	20.2	0.0000179	0.00031
2107 Sep	109	0.12	0.162	0.00375	35.3	0.0375	18.2	0.00101	0.00101	0.00000517	0.00647	0.00124	0.0245	0.0209	0.00000527	20.2	0.0000179	0.00031
2107 Oct	109	0.12	0.161	0.00374	35.2	0.0375	18.2	0.00101	0.00101	0.00000517	0.00647	0.00124	0.0245	0.0209	0.00000527	20.2	0.0000179	0.00031
2107 Nov	109	0.12	0.161	0.00374	35.2	0.0375	18.2	0.00101	0.00101	0.00000517	0.00647	0.00124	0.0245	0.0209	0.00000527	20.2	0.0000179	0.00031
2107 Dec	109	0.12	0.161	0.00374	35.2	0.0375	18.2	0.00101	0.00101	0.00000517	0.00647	0.00124	0.0245	0.0209	0.00000527	20.2	0.0000179	0.00031
2108 Jan	109	0.12	0.161	0.00374	35.2	0.0375	18.2	0.00101	0.00101	0.00000517	0.00647	0.00124	0.0245	0.0209	0.00000527	20.2	0.0000179	0.00031
2108 Feb	109	0.12	0.161	0.00374	35.2	0.0375	18.2	0.00101	0.00101	0.00000517	0.00647	0.00124	0.0245	0.0209	0.00000527	20.2	0.0000179	0.00031
2108 Mar	109	0.12	0.161	0.00374	35.2	0.0375	18.2	0.00101	0.00101	0.00000517	0.00647	0.00124	0.0245	0.0209	0.00000527	20.2	0.0000179	0.00031
2108 Apr	109	0.12	0.161	0.00374	35.2	0.0375	18.2	0.00101	0.00101	0.00000517	0.00647	0.00124	0.0245	0.0209	0.00000527	20.2	0.0000179	0.00031
2108 May	109	0.12	0.162	0.00375	35.3	0.0375	18.2	0.00101	0.00101	0.00000518	0.00648	0.00124	0.0245	0.0209	0.00000528	20.2	0.0000179	0.00031
2108 Jun	109	0.12	0.16	0.00372	35.1	0.0374	18.1	0.00101	0.00101	0.00000517	0.00648	0.00124	0.0244	0.0209	0.00000527	20.2	0.0000179	0.00031
2108 Jul	109	0.12	0.161	0.00373	35.2	0.0376	18.2	0.00101	0.00101	0.00000519	0.0065	0.00125	0.0245	0.021	0.00000529	20.3	0.000018	0.000311
2108 Aug	109	0.121	0.161	0.00374	35.3	0.0377	18.3	0.00101	0.00101	0.0000052	0.00653	0.00125	0.0246	0.0211	0.00000531	20.3	0.000018	0.000312
2108 Sep	110	0.121	0.161	0.00374	35.3	0.0377	18.3	0.00101	0.00101	0.0000052	0.00653	0.00125	0.0246	0.0211	0.00000531	20.3	0.000018	0.000312
2108 Oct	109	0.12	0.16	0.00373	35.2	0.0376	18.2	0.00101	0.00101	0.00000519	0.00652	0.00125	0.0246	0.021	0.0000053	20.3	0.000018	0.000312
2108 Nov	109	0.12	0.16	0.00372	35.2	0.0376	18.2	0.00101	0.00101	0.00000519	0.00652	0.00125	0.0245	0.021	0.00000529	20.3	0.000018	0.000312
2108 Dec	109	0.12	0.16	0.00372	35.2	0.0376	18.2	0.00101	0.00101	0.00000519	0.00652	0.00125	0.0245	0.021	0.00000529	20.3	0.000018	0.000312
2109 Jan	109	0.12	0.16	0.00372	35.2	0.0376	18.2	0.00101	0.00101	0.00000519	0.00652	0.00125	0.0245	0.021	0.00000529	20.3	0.000018	0.000312
2109 Feb	109	0.12	0.16	0.00372	35.2	0.0376	18.2	0.00101	0.00101	0.00000519	0.00652	0.00125	0.0245	0.021	0.00000529	20.3	0.000018	0.000312
2109 Mar	109	0.12	0.16	0.00372	35.2	0.0376	18.2	0.00101	0.00101	0.00000519	0.00652	0.00125	0.0245	0.021	0.0000053	20.3	0.000018	0.000312
2109 Apr	109	0.12	0.16	0.00372	35.2	0.0377	18.2	0.00101	0.00101	0.00000519	0.00652	0.00125	0.0246	0.021	0.0000053	20.3	0.000018	0.000312
2109 May	109	0.12	0.16	0.00372	35.2	0.0376	18.2	0.00101	0.00101	0.00000519	0.00653	0.00125	0.0245	0.0211	0.0000053	20.3	0.000018	0.000312
2109 Jun	109	0.12	0.159	0.0037	35.1	0.0376	18.2	0.00101	0.00101	0.00000519	0.00653	0.00125	0.0245	0.0211	0.0000053	20.4	0.000018	0.000313
2109 Jul	109	0.12	0.159	0.00371	35.1	0.0377	18.2	0.00101	0.00101	0.0000052	0.00654	0.00126	0.0245	0.0212	0.00000531	20.4	0.0000181	0.000313
2109 Aug	109	0.12	0.16	0.00371	35.2	0.0378	18.2	0.00102	0.00102	0.00000521	0.00656	0.00126	0.0246	0.0212	0.00000532	20.4	0.0000181	0.000314
2109 Sep	109	0.12	0.159	0.0037	35.1	0.0378	18.2	0.00102	0.00102	0.00000521	0.00656	0.00126	0.0246	0.0212	0.00000532	20.4	0.0000181	0.000314
2109 Oct	109	0.119	0.158	0.00368	35	0.0377	18.2	0.00101	0.00101	0.0000052	0.00655	0.00126	0.0245	0.0212	0.0000053	20.4	0.0000181	0.000313
2109 Nov	109	0.119	0.158	0.00368	35	0.0377	18.2	0.00101	0.00101	0.0000052	0.00655	0.00126	0.0245	0.0212	0.0000053	20.4	0.0000181	0.000313
2109 Dec	109	0.119	0.158	0.00368	35	0.0377	18.2	0.00101	0.00101	0.0000052	0.00655	0.00126	0.0245	0.0212	0.0000053	20.4	0.0000181	0.000313
2110 Jan	109	0.119	0.158	0.00368	35	0.0377	18.2	0.00101	0.00101	0.0000052	0.00655	0.00126	0.0245	0.0212	0.0000053	20.4	0.0000181	0.000313
2110 Feb	109	0.119	0.158	0.00368	35	0.0377	18.2	0.00101	0.00101	0.0000052	0.00655	0.00126	0.0245	0.0212	0.0000053	20.4	0.0000181	0.000313
2110 Mar	109	0.119	0.158	0.00368	35	0.0377	18.2	0.00101	0.00101	0.0000052	0.00655	0.00126	0.0245	0.0212	0.0000053	20.4	0.0000181	0.000313
2110 Apr	109	0.119	0.158	0.00368	35	0.0377	18.2	0.00101	0.00101	0.0000052	0.00655	0.00126	0.0245	0.0212	0.0000053	20.4	0.0000181	0.000313
2110 May	109	0.119	0.158	0.00368	35	0.0377	18.2	0.00101	0.00101	0.0000052	0.00656	0.00126	0.0245	0.0212	0.00000531	20.4	0.0000181	0.000313
2110 Jun	108	0.118	0.156	0.00364	34.7	0.0375	18	0.00101	0.00101	0.00000519	0.00654	0.00126	0.0243	0.0212	0.00000529	20.4	0.0000181	0.000313
2110 Jul	109	0.119	0.156	0.00364	34.7	0.0376	18	0.00101	0.00101	0.00000519	0.00656	0.00126	0.0244	0.0213	0.0000053	20.5	0.0000181	0.000314
2110 Aug	108	0.118	0.155	0.00362	34.5	0.0375	18	0.00101	0.00101	0.00000518	0.00655	0.00126	0.0243	0.0212	0.00000529	20.4	0.000018	0.000313
2110 Sep	108	0.117	0.153	0.00359	34.3	0.0374	17.9	0.00101	0.00101	0.00000517	0.00653	0.00126	0.0242	0.0212	0.00000527	20.4	0.000018	0.000312
2110 Oct	107	0.117	0.152	0.00356	34.1	0.0373	17.8	0.001	0.001	0.00000515	0.00652	0.00125	0.0241	0.0212	0.00000525	20.3	0.0000179	0.000311
2110 Nov	107	0.117	0.152	0.00356	34.1	0.0373	17.8	0.001	0.001	0.00000515	0.00652	0.00125	0.0241	0.0212	0.00000525	20.3	0.0000179	0.000311
2110 Dec	107	0.117	0.152	0.00356	34.1	0.0373	17.8	0.001	0.001	0.00000515	0.00652	0.00125	0.0241	0.0212	0.00000525	20.3	0.0000179	0.000311
2111 Jan	107	0.117	0.152	0.00356	34.1	0.0373	17.8	0.001	0.001	0.00000515	0.00652	0.00125	0.0241	0.0212	0.00000525	20.3	0.0000179	0.000311

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2111 Feb	107	0.117	0.152	0.00356	34.1	0.0373	17.8	0.001	0.001	0.00000515	0.00652	0.00125	0.0241	0.0212	0.00000525	20.3	0.0000179	0.000311
2111 Mar	107	0.117	0.152	0.00356	34.1	0.0373	17.8	0.001	0.001	0.00000515	0.00652	0.00125	0.0241	0.0212	0.00000525	20.3	0.0000179	0.000311
2111 Apr	107	0.117	0.152	0.00356	34.1	0.0373	17.8	0.001	0.001	0.00000515	0.00652	0.00125	0.0241	0.0212	0.00000525	20.3	0.0000179	0.000311
2111 May	107	0.117	0.152	0.00356	34.1	0.0373	17.8	0.00101	0.00101	0.00000515	0.00653	0.00125	0.0241	0.0212	0.00000526	20.3	0.000018	0.000311
2111 Jun	107	0.116	0.15	0.00353	33.9	0.0371	17.7	0.001	0.001	0.00000514	0.00652	0.00126	0.0239	0.0213	0.00000524	20.4	0.0000179	0.000311
2111 Jul	107	0.116	0.151	0.00354	34	0.0373	17.7	0.00101	0.00101	0.00000516	0.00655	0.00126	0.024	0.0213	0.00000526	20.4	0.000018	0.000312
2111 Aug	107	0.116	0.15	0.00353	33.9	0.0373	17.7	0.00101	0.00101	0.00000516	0.00654	0.00126	0.024	0.0213	0.00000526	20.4	0.000018	0.000312
2111 Sep	107	0.116	0.15	0.00352	33.9	0.0373	17.7	0.00101	0.00101	0.00000515	0.00654	0.00126	0.024	0.0213	0.00000526	20.4	0.000018	0.000312
2111 Oct	106	0.115	0.149	0.0035	33.7	0.0372	17.6	0.001	0.001	0.00000514	0.00654	0.00126	0.0239	0.0213	0.00000524	20.4	0.0000179	0.000311
2111 Nov	106	0.115	0.148	0.00349	33.7	0.0372	17.6	0.001	0.001	0.00000514	0.00653	0.00126	0.0239	0.0213	0.00000524	20.4	0.0000179	0.000311
2111 Dec	106	0.115	0.148	0.00349	33.7	0.0372	17.6	0.001	0.001	0.00000514	0.00653	0.00126	0.0239	0.0213	0.00000524	20.4	0.0000179	0.000311
2112 Jan	106	0.115	0.148	0.00349	33.7	0.0372	17.6	0.001	0.001	0.00000514	0.00653	0.00126	0.0239	0.0213	0.00000524	20.4	0.0000179	0.000311
2112 Feb	106	0.115	0.148	0.00349	33.7	0.0372	17.6	0.001	0.001	0.00000514	0.00653	0.00126	0.0239	0.0213	0.00000524	20.4	0.0000179	0.000311
2112 Mar	106	0.115	0.148	0.00349	33.7	0.0372	17.6	0.001	0.001	0.00000514	0.00653	0.00126	0.0239	0.0213	0.00000524	20.4	0.0000179	0.000311
2112 Apr	106	0.115	0.149	0.00349	33.7	0.0372	17.6	0.001	0.001	0.00000514	0.00654	0.00126	0.0239	0.0213	0.00000524	20.4	0.0000179	0.000311
2112 May	106	0.115	0.148	0.00349	33.6	0.0372	17.6	0.001	0.001	0.00000514	0.00654	0.00126	0.0239	0.0213	0.00000524	20.4	0.0000179	0.000311
2112 Jun	105	0.114	0.146	0.00343	33.2	0.0369	17.4	0.000998	0.000998	0.00000511	0.00651	0.00126	0.0236	0.0213	0.00000521	20.3	0.0000179	0.00031
2112 Jul	105	0.114	0.145	0.00343	33.2	0.0369	17.4	0.000999	0.000999	0.00000512	0.00652	0.00126	0.0236	0.0213	0.00000522	20.4	0.0000179	0.000311
2112 Aug	105	0.114	0.146	0.00343	33.3	0.037	17.4	0.001	0.001	0.00000513	0.00654	0.00126	0.0237	0.0214	0.00000523	20.4	0.0000179	0.000311
2112 Sep	105	0.114	0.145	0.00343	33.3	0.037	17.4	0.001	0.001	0.00000513	0.00654	0.00126	0.0237	0.0214	0.00000523	20.4	0.0000179	0.000312
2112 Oct	105	0.114	0.145	0.00342	33.2	0.037	17.4	0.001	0.001	0.00000512	0.00654	0.00126	0.0237	0.0214	0.00000522	20.4	0.0000179	0.000311
2112 Nov	105	0.114	0.145	0.00342	33.2	0.037	17.4	0.001	0.001	0.00000512	0.00654	0.00126	0.0237	0.0214	0.00000522	20.4	0.0000179	0.000311
2112 Dec	105	0.114	0.145	0.00342	33.2	0.037	17.4	0.001	0.001	0.00000512	0.00654	0.00126	0.0237	0.0214	0.00000522	20.4	0.0000179	0.000311
2113 Jan	105	0.114	0.145	0.00342	33.2	0.037	17.4	0.001	0.001	0.00000512	0.00654	0.00126	0.0237	0.0214	0.00000522	20.4	0.0000179	0.000311
2113 Feb	105	0.114	0.145	0.00342	33.2	0.037	17.4	0.001	0.001	0.00000512	0.00654	0.00126	0.0237	0.0214	0.00000522	20.4	0.0000179	0.000311
2113 Mar	105	0.114	0.145	0.00342	33.2	0.037	17.4	0.001	0.001	0.00000513	0.00654	0.00126	0.0237	0.0214	0.00000522	20.4	0.0000179	0.000311
2113 Apr	105	0.114	0.145	0.00343	33.2	0.037	17.4	0.001	0.001	0.00000513	0.00654	0.00126	0.0237	0.0214	0.00000523	20.4	0.0000179	0.000312
2113 May	105	0.114	0.145	0.00342	33.2	0.037	17.4	0.001	0.001	0.00000513	0.00655	0.00126	0.0237	0.0214	0.00000523	20.4	0.000018	0.000312
2113 Jun	105	0.113	0.143	0.00339	33	0.0369	17.3	0.000999	0.000999	0.00000512	0.00654	0.00126	0.0236	0.0215	0.00000522	20.4	0.0000179	0.000312
2113 Jul	105	0.113	0.144	0.0034	33.1	0.037	17.3	0.001	0.001	0.00000513	0.00655	0.00127	0.0236	0.0215	0.00000523	20.5	0.000018	0.000312
2113 Aug	105	0.113	0.144	0.0034	33.2	0.037	17.4	0.001	0.001	0.00000514	0.00657	0.00127	0.0237	0.0215	0.00000524	20.5	0.000018	0.000313
2113 Sep	105	0.113	0.143	0.0034	33.1	0.037	17.4	0.001	0.001	0.00000514	0.00656	0.00127	0.0237	0.0215	0.00000524	20.5	0.000018	0.000313
2113 Oct	105	0.113	0.142	0.00337	32.9	0.0369	17.3	0.000999	0.000999	0.00000512	0.00655	0.00126	0.0236	0.0215	0.00000522	20.5	0.0000179	0.000312
2113 Nov	105	0.112	0.142	0.00337	32.9	0.0369	17.3	0.000999	0.000999	0.00000512	0.00655	0.00126	0.0235	0.0215	0.00000521	20.4	0.0000179	0.000312
2113 Dec	105	0.112	0.142	0.00337	32.9	0.0369	17.3	0.000999	0.000999	0.00000512	0.00655	0.00126	0.0235	0.0215	0.00000521	20.5	0.0000179	0.000312
2114 Jan	105	0.112	0.142	0.00337	32.9	0.0369	17.3	0.000999	0.000999	0.00000512	0.00655	0.00126	0.0235	0.0215	0.00000521	20.5	0.0000179	0.000312
2114 Feb	105	0.112	0.142	0.00337	32.9	0.0369	17.3	0.000999	0.000999	0.00000512	0.00655	0.00126	0.0235	0.0215	0.00000521	20.5	0.0000179	0.000312
2114 Mar	105	0.112	0.142	0.00337	32.9	0.0369	17.3	0.000999	0.000999	0.00000512	0.00655	0.00126	0.0235	0.0215	0.00000522	20.5	0.0000179	0.000312
2114 Apr	105	0.112	0.142	0.00337	32.9	0.0369	17.3	0.000999	0.000999	0.00000512	0.00655	0.00126	0.0236	0.0215	0.00000522	20.5	0.0000179	0.000312
2114 May	105	0.112	0.142	0.00336	32.8	0.0369	17.2	0.000999	0.000999	0.00000512	0.00655	0.00127	0.0235	0.0215	0.00000521	20.5	0.0000179	0.000312
2114 Jun	105	0.112	0.141	0.00334	32.8	0.0369	17.2	0.000999	0.000999	0.00000512	0.00656	0.00127	0.0235	0.0216	0.00000522	20.5	0.000018	0.000312
2114 Jul	105	0.112	0.141	0.00336	32.9	0.037	17.3	0.001	0.001	0.00000514	0.00658	0.00127	0.0236	0.0217	0.00000524	20.6	0.000018	0.000314
2114 Aug	105	0.113	0.142	0.00337	33	0.0371	17.3	0.00101	0.00101	0.00000515	0.00661	0.00128	0.0237	0.0217	0.00000525	20.7	0.0000181	0.000315
2114 Sep	105	0.113	0.141	0.00336	33	0.0371	17.3	0.00101	0.00101	0.00000515	0.0066	0.00128	0.0237	0.0217	0.00000525	20.6	0.0000181	0.000315
2114 Oct	105	0.112	0.141	0.00335	32.9	0.0371	17.3	0.001	0.001	0.00000514	0.0066	0.00127	0.0236	0.0217	0.00000524	20.6	0.000018	0.000314
2114 Nov	105	0.112	0.14	0.00333	32.8	0.037	17.2	0.001	0.001	0.00000513	0.00659	0.00127	0.0235	0.0217	0.00000523	20.6	0.000018	0.000314
2114 Dec	105	0.112	0.14	0.00333	32.8	0.037	17.2	0.001	0.001	0.00000513	0.00659	0.00127	0.0235	0.0217	0.00000523	20.6	0.000018	0.000314
2115 Jan	105	0.112	0.14	0.00333	32.8	0.037	17.2	0.001	0.001	0.00000513	0.00659	0.00127	0.0235	0.0217	0.00000523	20.6	0.000018	0.000314
2115 Feb	105	0.112	0.14	0.00333	32.8	0.037	17.2	0.001	0.001	0.00000513	0.00659	0.00127	0.0235	0.0217	0.00000523	20.6	0.000018	0.000314
2115 Mar	105	0.112	0.14	0.00333	32.8	0.037	17.2	0.001	0.001	0.00000513	0.00659	0.00127	0.0235	0.0217	0.00000523	20.6	0.000018	0.000314
2115 Apr	105	0.112	0.14	0.00333	32.8	0.037	17.2	0.001	0.001	0.00000513	0.00659	0.00127	0.0236	0.0217	0.00000523	20.6	0.000018	0.000314
2115 May	105	0.112	0.14	0.00333	32.7	0.037	17.2	0.001	0.001	0.00000513	0.00659	0.00127	0.0235	0.0217	0.00000523	20.6	0.000018	0.000314
2115 Jun	105	0.112	0.139	0.00332	32.7	0.037	17.2	0.001	0.001	0.00000514	0.00661	0.00128	0.0235	0.0218	0.00000524	20.7	0.0000181	0.000315
2115 Jul	105	0.112	0.14	0.00333	32.8	0.0372	17.3	0.00101	0.00101	0.00000516	0.00663	0.00128	0.0236	0.0218	0.00000526	20.7	0.0000181	0.000316
2115 Aug	105	0.112	0.139	0.00332	32.8	0.0372	17.2	0.00101	0.00101	0.00000515	0.00662	0.00128	0.0236	0.0218	0.00000525	20.7	0.0000181	0.000315
2115 Sep	105	0.112	0.139	0.00332	32.8	0.0372	17.2	0.00101	0.00101	0.00000515	0.00662	0.00128	0.0236	0.0218	0.00000525	20.7	0.0000181	0.000316

Appendix C.2-23: PUMP03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2115 Oct	105	0.112	0.139	0.00331	32.7	0.0372	17.2	0.00101	0.00101	0.00000515	0.00662	0.00128	0.0236	0.0218	0.00000525	20.7	0.0000181	0.000316
2115 Nov	105	0.112	0.139	0.00331	32.7	0.0371	17.2	0.00101	0.00101	0.00000515	0.00662	0.00128	0.0236	0.0218	0.00000525	20.7	0.0000181	0.000315
2115 Dec	105	0.112	0.139	0.00331	32.7	0.0371	17.2	0.00101	0.00101	0.00000515	0.00662	0.00128	0.0236	0.0218	0.00000525	20.7	0.0000181	0.000315
2116 Jan	105	0.112	0.139	0.00331	32.7	0.0371	17.2	0.00101	0.00101	0.00000515	0.00662	0.00128	0.0236	0.0218	0.00000525	20.7	0.0000181	0.000315
2116 Feb	105	0.112	0.139	0.00331	32.7	0.0371	17.2	0.00101	0.00101	0.00000515	0.00662	0.00128	0.0236	0.0218	0.00000525	20.7	0.0000181	0.000315
2116 Mar	105	0.112	0.139	0.00331	32.7	0.0372	17.2	0.00101	0.00101	0.00000515	0.00662	0.00128	0.0236	0.0218	0.00000525	20.7	0.0000181	0.000315
2116 Apr	105	0.112	0.139	0.00331	32.7	0.0372	17.2	0.00101	0.00101	0.00000515	0.00662	0.00128	0.0236	0.0218	0.00000525	20.7	0.0000181	0.000315
2116 May	105	0.112	0.138	0.0033	32.7	0.0372	17.2	0.00101	0.00101	0.00000515	0.00663	0.00128	0.0236	0.0219	0.00000525	20.7	0.0000181	0.000316
2116 Jun	104	0.111	0.136	0.00326	32.3	0.0369	17	0.001	0.001	0.00000513	0.00661	0.00128	0.0234	0.0219	0.00000522	20.7	0.000018	0.000315
2116 Jul	104	0.111	0.136	0.00327	32.4	0.037	17.1	0.001	0.001	0.00000514	0.00663	0.00128	0.0234	0.0219	0.00000524	20.8	0.0000181	0.000316
2116 Aug	105	0.111	0.137	0.00327	32.5	0.0371	17.1	0.00101	0.00101	0.00000516	0.00665	0.00129	0.0235	0.022	0.00000525	20.8	0.0000181	0.000317
2116 Sep	104	0.111	0.136	0.00326	32.4	0.0371	17.1	0.00101	0.00101	0.00000515	0.00664	0.00129	0.0235	0.022	0.00000525	20.8	0.0000181	0.000316
2116 Oct	104	0.11	0.135	0.00324	32.3	0.037	17	0.001	0.001	0.00000514	0.00663	0.00128	0.0234	0.0219	0.00000524	20.8	0.0000181	0.000316
2116 Nov	104	0.11	0.135	0.00324	32.3	0.037	17	0.001	0.001	0.00000514	0.00663	0.00128	0.0234	0.0219	0.00000524	20.8	0.0000181	0.000316
2116 Dec	104	0.11	0.135	0.00324	32.3	0.037	17	0.001	0.001	0.00000514	0.00663	0.00128	0.0234	0.0219	0.00000524	20.8	0.0000181	0.000316
2117 Jan	104	0.11	0.135	0.00324	32.3	0.037	17	0.001	0.001	0.00000514	0.00663	0.00128	0.0234	0.0219	0.00000524	20.8	0.0000181	0.000316
2117 Feb	104	0.11	0.135	0.00324	32.3	0.037	17	0.001	0.001	0.00000514	0.00663	0.00128	0.0234	0.0219	0.00000524	20.8	0.0000181	0.000316
2117 Mar	104	0.11	0.135	0.00324	32.3	0.037	17	0.001	0.001	0.00000514	0.00663	0.00128	0.0234	0.0219	0.00000524	20.8	0.0000181	0.000316
2117 Apr	104	0.11	0.135	0.00324	32.3	0.037	17	0.001	0.001	0.00000514	0.00664	0.00129	0.0234	0.0219	0.00000524	20.8	0.0000181	0.000316
2117 May	104	0.11	0.135	0.00324	32.3	0.037	17	0.00101	0.00101	0.00000514	0.00664	0.00129	0.0234	0.022	0.00000524	20.8	0.0000181	0.000316
2117 Jun	104	0.11	0.135	0.00323	32.2	0.037	17	0.00101	0.00101	0.00000514	0.00665	0.00129	0.0234	0.022	0.00000524	20.8	0.0000181	0.000316
2117 Jul	104	0.11	0.135	0.00324	32.3	0.0371	17.1	0.00101	0.00101	0.00000516	0.00667	0.00129	0.0234	0.0221	0.00000526	20.9	0.0000182	0.000318
2117 Aug	105	0.111	0.135	0.00324	32.4	0.0372	17.1	0.00101	0.00101	0.00000517	0.00668	0.0013	0.0235	0.0221	0.00000527	20.9	0.0000182	0.000318
2117 Sep	105	0.111	0.135	0.00324	32.4	0.0373	17.1	0.00101	0.00101	0.00000517	0.00668	0.0013	0.0235	0.0222	0.00000527	21	0.0000182	0.000318
2117 Oct	105	0.111	0.135	0.00324	32.4	0.0373	17.1	0.00101	0.00101	0.00000517	0.00668	0.0013	0.0235	0.0221	0.00000527	20.9	0.0000182	0.000318
2117 Nov	105	0.111	0.135	0.00324	32.4	0.0372	17.1	0.00101	0.00101	0.00000517	0.00668	0.0013	0.0235	0.0221	0.00000527	20.9	0.0000182	0.000318
2117 Dec	105	0.111	0.135	0.00324	32.4	0.0372	17.1	0.00101	0.00101	0.00000517	0.00668	0.0013	0.0235	0.0221	0.00000527	20.9	0.0000182	0.000318
2118 Jan	105	0.111	0.135	0.00324	32.4	0.0372	17.1	0.00101	0.00101	0.00000517	0.00668	0.0013	0.0235	0.0221	0.00000527	20.9	0.0000182	0.000318
2118 Feb	105	0.111	0.135	0.00324	32.4	0.0372	17.1	0.00101	0.00101	0.00000517	0.00668	0.0013	0.0235	0.0221	0.00000527	20.9	0.0000182	0.000318
2118 Mar	105	0.111	0.135	0.00324	32.4	0.0372	17.1	0.00101	0.00101	0.00000517	0.00668	0.0013	0.0235	0.0221	0.00000527	20.9	0.0000182	0.000318
2118 Apr	105	0.111	0.135	0.00324	32.4	0.0373	17.1	0.00101	0.00101	0.00000517	0.00668	0.0013	0.0235	0.0221	0.00000527	20.9	0.0000182	0.000318
2118 May	104	0.11	0.134	0.00322	32.3	0.0372	17	0.00101	0.00101	0.00000516	0.00668	0.0013	0.0234	0.0222	0.00000526	21	0.0000182	0.000318
2118 Jun	104	0.109	0.132	0.00318	32	0.037	16.9	0.00101	0.00101	0.00000514	0.00666	0.0013	0.0233	0.0222	0.00000524	21	0.0000182	0.000318
2118 Jul	104	0.11	0.133	0.0032	32.1	0.0371	17	0.00101	0.00101	0.00000516	0.00669	0.0013	0.0234	0.0223	0.00000526	21	0.0000182	0.000319
2118 Aug	104	0.11	0.132	0.00319	32.1	0.0371	17	0.00101	0.00101	0.00000516	0.00669	0.0013	0.0234	0.0223	0.00000526	21	0.0000182	0.000319
2118 Sep	104	0.109	0.131	0.00317	32	0.0371	16.9	0.00101	0.00101	0.00000515	0.00668	0.0013	0.0233	0.0222	0.00000525	21	0.0000182	0.000318
2118 Oct	103	0.109	0.131	0.00315	31.9	0.037	16.9	0.001	0.001	0.00000514	0.00667	0.0013	0.0232	0.0222	0.00000524	20.9	0.0000181	0.000318
2118 Nov	103	0.109	0.13	0.00315	31.8	0.037	16.8	0.001	0.001	0.00000514	0.00667	0.0013	0.0232	0.0222	0.00000523	20.9	0.0000181	0.000318
2118 Dec	103	0.109	0.13	0.00315	31.8	0.037	16.8	0.001	0.001	0.00000514	0.00667	0.0013	0.0232	0.0222	0.00000523	20.9	0.0000181	0.000318
2119 Jan	103	0.109	0.13	0.00315	31.8	0.037	16.8	0.001	0.001	0.00000514	0.00667	0.0013	0.0232	0.0222	0.00000523	20.9	0.0000181	0.000318
2119 Feb	103	0.109	0.13	0.00315	31.8	0.037	16.8	0.001	0.001	0.00000514	0.00667	0.0013	0.0232	0.0222	0.00000523	20.9	0.0000181	0.000318
2119 Mar	103	0.109	0.13	0.00315	31.8	0.037	16.8	0.001	0.001	0.00000514	0.00667	0.0013	0.0232	0.0222	0.00000524	20.9	0.0000181	0.000318
2119 Apr	103	0.109	0.13	0.00315	31.8	0.037	16.8	0.00101	0.00101	0.00000514	0.00667	0.0013	0.0232	0.0222	0.00000524	21	0.0000181	0.000318
2119 May	103	0.108	0.129	0.00313	31.7	0.0369	16.8	0.001	0.001	0.00000513	0.00666	0.0013	0.0231	0.0223	0.00000523	21	0.0000181	0.000318
2119 Jun	103	0.108	0.128	0.00311	31.6	0.0368	16.7	0.001	0.001	0.00000512	0.00666	0.0013	0.0231	0.0223	0.00000522	21	0.0000181	0.000318
2119 Jul	103	0.108	0.129	0.00312	31.7	0.0369	16.8	0.00101	0.00101	0.00000514	0.00668	0.0013	0.0231	0.0224	0.00000524	21.1	0.0000182	0.000319
2119 Aug	103	0.108	0.129	0.00312	31.8	0.037	16.8	0.00101	0.00101	0.00000515	0.00669	0.00131	0.0232	0.0224	0.00000525	21.1	0.0000182	0.00032
2119 Sep	103	0.108	0.128	0.00311	31.7	0.037	16.8	0.00101	0.00101	0.00000514	0.00669	0.0013	0.0232	0.0224	0.00000524	21.1	0.0000182	0.000319
2119 Oct	103	0.108	0.128	0.0031	31.6	0.0369	16.7	0.001	0.001	0.00000513	0.00668	0.0013	0.0231	0.0224	0.00000523	21.1	0.0000182	0.000319
2119 Nov	103	0.108	0.128	0.0031	31.6	0.0369	16.7	0.001	0.001	0.00000513	0.00668	0.0013	0.0231	0.0224	0.00000523	21	0.0000181	0.000319
2119 Dec	103	0.108	0.128	0.0031	31.6	0.0369	16.7	0.001	0.001	0.00000513	0.00668	0.0013	0.0231	0.0224	0.00000523	21	0.0000181	0.000319

Appendix C.2-23: PUMP03

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.0000166	0.000167	0.000693	0.00000113	0.617	1.02	0.00583	0.000206	19	0.000683	0.000249	0.00000174	0.0000935	0.0000409	0.0158	3.45E-08	0.000201	0.0000483	0.0000865	0.000249
Operation (2024-2031): Mean	0.000435	0.00418	0.0563	0.0000299	14.4	23.9	0.138	0.00486	425	0.0159	0.0102	0.0000701	0.00215	0.000946	0.389	0.00000163	0.00458	0.0012	0.00251	0.00563
Operation (2024-2031): Max	0.000564	0.00572	0.109	0.0000417	20.3	33.6	0.189	0.00682	619	0.0225	0.0129	0.000372	0.00305	0.00134	0.529	0.00000224	0.00655	0.00164	0.00362	0.00809
Active Closure (2032-2038): Min	0.000113	0.000979	0.0191	0.00000272	1.75	2.59	0.0131	0.00038	22.3	0.00147	0.00483	0.0000518	0.000162	0.0000996	0.0547	0.00000163	0.000307	0.000158	0.000946	0.00036
Active Closure (2032-2038): Mean	0.00015	0.00131	0.0242	0.00000552	3.07	4.81	0.0268	0.000838	59.4	0.00297	0.00535	0.0000644	0.00037	0.000188	0.0898	0.00000194	0.00075	0.000276	0.00111	0.000906
Active Closure (2032-2038): Max	0.00049	0.0041	0.0742	0.0000292	14.1	23.5	0.146	0.00468	372	0.0155	0.0102	0.000184	0.0021	0.000928	0.392	0.00000199	0.00443	0.00131	0.00255	0.00545
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000113	0.000978	0.0197	0.00000273	1.75	2.6	0.0131	0.00038	14.4	0.00147	0.00485	0.0000555	0.000162	0.0000996	0.0548	0.00000198	0.000216	0.000158	0.000947	0.000359
Post Closure (2039-2119): Mean	0.000209	0.00107	0.0736	0.00000653	1.99	3.54	0.0317	0.000442	21.2	0.00182	0.00754	0.000201	0.000228	0.000114	0.0894	0.00000205	0.00027	0.000425	0.00138	0.000402
Post Closure (2039-2119): Max	0.000299	0.00112	0.121	0.0000093	2.06	3.9	0.048	0.000459	25.4	0.00194	0.0096	0.000343	0.000252	0.000119	0.113	0.00000209	0.00031	0.000632	0.00161	0.000435
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun																				
2026 Jul																				
2026 Aug																				
2026 Sep																				
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun																				
2027 Jul																				
2027 Aug																				
2027 Sep																				
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Apr																				
2028 May	0.0000166	0.000167	0.000693	0.00000113	0.617	1.02	0.00583	0.000206	19	0.000683	0.000249	0.00000174	0.0000935	0.0000409	0.0158	3.45E-08	0.000201	0.0000483	0.0000865	0.000249
2028 Jun	0.000353	0.00347	0.0453	0.000026	12.2	20.2	0.117	0.00402	367	0.0136	0.00852	0.0000612	0.0019	0.000806	0.323	0.0000015	0.00389	0.00113	0.00255	0.0048
2028 Jul	0.000448	0.00447	0.0659	0.0000336	15.5	25.5	0.147	0.00509	462	0.0172	0.0115	0.0000803	0.00237	0.00102	0.411	0.00000206	0.0049	0.00135	0.00316	0.00603
2028 Aug	0.000564	0.00572	0.0655	0.0000417	20.1	33.1	0.188	0.00667	605	0.0222	0.0129	0.0000734	0.00304	0.00132	0.529	0.00000224	0.00641	0.00164	0.00362	0.0079
2028 Sep	0.000526	0.00537	0.0488	0.000038	19	31.4	0.177	0.00639	576	0.021	0.0112	0.0000401	0.00285	0.00125	0.499	0.0000018	0.0061	0.0015	0.0031	0.00753
2028 Oct	0.000378	0.00378	0.0542	0.0000271	12.7	21.1	0.118	0.00437	379	0.014	0.0103	0.0000213	0.00186	0.000829	0.346	0.00000162	0.00403	0.00103	0.00222	0.00494
2028 Nov	0.000357	0.00353	0.0582	0.0000257	11.7	19.4	0.108	0.00404	346	0.0129	0.0105	0.0000212	0.0017	0.00076	0.323	0.00000166	0.00368	0.000953	0.00213	0.0045
2028 Dec	0.000357	0.00354	0.0582	0.0000257	11.7	19.4	0.108	0.00405	346	0.0129	0.0105	0.0000212	0.0017	0.00076	0.323	0.00000166	0.00368	0.000953	0.00213	0.0045
2029 Jan	0.000357	0.00354	0.0582	0.0000257	11.7	19.4	0.108	0.00405	346	0.0129	0.0105	0.0000212	0.0017	0.00076	0.323	0.00000166	0.00368	0.000953	0.00213	0.0045
2029 Feb	0.000357	0.00354	0.0582	0.0000257	11.7	19.4	0.108	0.00405	346	0.0129	0.0105	0.0000212	0.0017	0.00076	0.323	0.00000166	0.00368	0.000953	0.00213	0.0045
2029 Mar	0.000357	0.00354	0.0582	0.0000257	11.7	19.4	0.108	0.00405	346	0.0129	0.0105	0.0000212	0.0017	0.00076	0.323	0.00000166	0.00368	0.000954	0.00213	0.0045
2029 Apr	0.000358	0.00354	0.0583	0.0000257	11.8	19.4	0.108	0.00405	347	0.0129	0.0105	0.0000212	0.0017	0.000762	0.323	0.00000167	0.00369	0.000955	0.00213	0.00451
2029 May	0.000362	0.00359	0.0591	0.000026	11.9	19.7	0.11	0.0041	351	0.0131	0.0106	0.000022	0.00172	0.000771	0.328	0.00000169	0.00373	0.000968	0.00216	0.00457
2029 Jun	0.00036	0.00339	0.0645	0.0000255	11.3	18.7	0.109	0.0038	332	0.0125	0.0104	0.0000677	0.00169	0.000737	0.313	0.00000176	0.00353	0.00104	0.00241	0.00433
2029 Jul	0.000416	0.00425	0.054	0.0000308	14.7	24.3	0.137	0.00488	442	0.0163	0.00979	0.0000631	0.00221	0.000968	0.389	0.00000171	0.00468	0.00116	0.00258	0.00578
2029 Aug	0.000467	0.0048	0.0439	0.0000342	17	28	0.158	0.00569	514	0.0188	0.00982	0.0000398	0.00254	0.00112	0.446	0.00000166	0.00544	0.0013	0.00273	0.00671
2029 Sep	0.000511	0.00524	0.0438	0.0000368	18.6	30.7	0.172	0.00628	563	0.0205	0.0107	0.0000275	0.00277	0.00122	0.487	0.00000168	0.00596	0.00144	0.0029	0.00736
2029 Oct	0.00046	0.00467	0.0472	0.0000329	16.3	27	0.151	0.00556	492	0.018	0.0105	0.0000233	0.00242	0.00107	0.433	0.00000162	0.00522	0.00128	0.00262	0.00643
2029 Nov	0.000431	0.00436	0.0481	0.0000308	15.1	25	0.14	0.00516	455	0.0167	0.0103	0.000022	0.00224	0.000991	0.403	0.00000159	0.00483	0.0012	0.00247	0.00594
2029 Dec	0.000431	0.00437	0.0481	0.0000309	15.1	25	0.14	0.00516	455	0.0167	0.0103	0.000022	0.00224	0.000991	0.404	0.00000159	0.00483	0.0012	0.00247	0.00594
2030 Jan	0.000431	0.00437	0.0481	0.0000309	15.1	25	0.14	0.00516	455	0.0167	0.0103	0.000022	0.00224	0.000991	0.404	0.00000159	0.00483	0.0012	0.00247	0.00594
2030 Feb	0.000431	0.00437	0.0481	0.0000309	15.1	25.1	0.14	0.00516	455	0.0167	0.0103	0.000022	0.00224	0.000991	0.404	0.00000159	0.00483	0.0012	0.00247	0.00594
2030 Mar	0.000432	0.00437	0.0482	0.0000309	15.2	25.1	0.14	0.00517	456	0.0167	0.0103	0.0000221	0.00224	0.000992	0.404	0.00000159	0.00484	0.0012	0.00247	0.00595
2030 Apr	0.000433	0.00438	0.0483	0.0000309	15.2	25.1	0.14	0.00518	456	0.0167	0.0103	0.0000221	0.00224	0.000994	0.405	0.00000159	0.00484	0.0012	0.00248	0.00596
2030 May	0.000441	0.00446	0.0492	0.0000315	15.5	25.6	0.143	0.00527	465	0.017	0.0105	0.0000225	0.00228	0.00101	0.412	0.00000162	0.00493	0.00122	0.00252	0.00607
2030 Jun	0.00036	0.00354	0.0518	0.0000268	12.3	20.3	0.117	0.00407	368	0.0137	0.00939	0.0000584	0.0019	0.000809	0.329	0.00000166	0.0039	0.00114	0.00264	0.0048
2030 Jul	0.000438	0.00444	0.0474	0.0000321	15.7	25.9	0.148	0.00521	475	0.0174	0.00967	0.000058	0.00239	0.00104	0.411	0.00000164	0.00503	0.0013	0.00281	0.00621
2030 Aug	0.000502	0.00517	0.0442	0.0000365	18.4	30.4	0.171	0.00615	559	0.0204	0.0102	0.0000474	0.00276	0.00121	0.48	0.00000167	0.00592	0.00142	0.00293	0.00731
2030 Sep	0.000551	0.00568	0.0423	0.0000398	20.3	33.6	0.189	0.00682	619	0.0225	0.0108	0.0000394	0.00305	0.00134	0.529	0.00000172	0.00655	0.00156	0.00315	0.00809
2030 Oct	0.000494	0.00505	0.0463	0.0000354	17.8	29.4	0.165	0.00602	538	0.0196	0.0108	0.0000273	0.00265	0.00117	0.468	0.00000166	0.0057	0.00139	0.00281	0.00703
2030 Nov	0.000442	0.00448	0.048	0.0000316	15.6	25.8	0.144	0.00531	469	0.0172	0.0104	0.0000235	0.00231	0.00102	0.414	0.0000016	0.00498	0.00123	0.00253	0.00613
2030 Dec	0.000442	0.00449	0.048	0.0000317	15.6	25.8	0.144	0.00531	469	0.0172	0.0104	0.0000236	0.00231	0.00102	0.415	0.0000016	0.00498	0.00123	0.00253	0.00613
2031 Jan	0.000442	0.00449	0.048	0.0000317	15.6	25.8	0.144	0.00531	469	0.0172	0.0104	0.0000236	0.00231	0.00102	0.415	0.0000016	0.00498	0.00123	0.00253	0.00613
2031 Feb	0.000442	0.00449	0.048	0.0000317	15.6	25.8	0.144	0.00531	469	0.0172	0.0104	0.0000236	0.00231	0.00102	0.415	0.0000016	0.00498	0.00123	0.00253	0.00613
2031 Mar	0.000443	0.00449	0.048	0.0000317	15.6	25.8	0.144	0.00531	470	0.0172	0.0104	0.0000236	0.00231	0.00102	0.415	0.00000161	0.00498	0.00123	0.00253	0.00613
2031 Apr	0.000446	0.00452	0.0485	0.0000319	15.7	26	0.146	0.00536	474	0.0174	0.0105	0.0000238	0.00233	0.00103	0.418	0.00000162	0.00503	0.00124	0.00255	0.00618
2031 May	0.000488	0.00443	0.0664	0.0000313	15.3	25.3	0.15	0.00513	449	0.0168	0.0108	0.000118	0.00225	0.001	0.416	0.00000168	0.00482	0.00131	0.00259	0.00593
2031 Jun	0.000546	0.00361	0.109	0.0000258	12.1	20.4	0.146	0.00386	317	0.0132	0.0104	0.000372	0.0018	0.000793	0.36	0.00000169	0.00367	0.00139	0.0025	0.0045
2031 Jul	0.000544	0.00374	0.105	0.0000269	12.6	21.2	0.148	0.00405	331	0.0138	0.0105	0.000347	0.00188	0.000828	0.37	0.00000173	0.00385	0.00141	0.00259	0.00473
2031 Aug	0.000539	0.00402	0.0933	0.0000287	13.7	23	0.153	0.00446	362	0.0151	0.0104	0.000293	0.00206	0.000905	0.392	0.0000017	0.00426	0.00141	0.00265	0.00524
2031 Sep	0.000517	0.00415	0.0805	0.0000295	14.3	23.9	0.152	0.0047	378	0.0157	0.0102	0.000229	0.00214	0.000942	0.4	0.00000166	0.00448	0.00138	0.00262	0.00551
2031 Oct	0.000489	0.00408	0.0739	0.0000291	14.1	23.4	0.146	0.00466	370	0.0155	0.0101	0.000185	0.00209	0.000924	0.39	0.00000163	0.00441	0.00131	0.00254	0.00542
2031 Nov	0.000487	0.00408	0.0738	0.000029	14	23.4	0.145	0.00465	369	0.0154	0.0101	0.000183	0.00209	0.000922	0.389	0.00000163	0.0044	0.0013	0.00253	0.00541
2031 Dec	0.000487	0.00408	0.0738	0.000029	14	23.4	0.145	0.00465	369	0.0154	0.0101	0.000183	0.00209	0.000922	0.39	0.00000163	0.0044	0.0013	0.00253	0.00541
2032 Jan	0.000487	0.00408	0.0738	0.000029	14	23.4	0.145	0.00465	369	0.0154	0.0101	0.000183	0.00209	0.000922	0.39	0.00000163	0.0044	0.0013	0.00253	0.00541
2032 Feb	0.000487	0.00408	0.0738	0.000029	14	23.4	0.145	0.00465	369	0.0154	0.0101	0.000183	0.00209	0.000922	0.39	0.00000163	0.0044	0.0013	0.00253	0.00541
2032 Mar	0.000487	0.00408	0.0738	0.000029	14	23.4	0.145	0.00465	369	0.0154	0.0101	0.000183	0.00209	0.000922	0.39	0.00000163	0.0044	0.0013	0.00253	0.00541
2032 Apr	0.000488	0.00408	0.0738	0.000029	14	23.4	0.145	0.00465	370	0.0154	0.0102	0.000183	0.00209	0.000923	0.39	0.00000163	0.00441	0.0013	0.00254	0.00542
2032 May	0.00049	0.0041	0.0742	0.0000292	14.1	23.5	0.146	0.00468	372	0.0155	0.0102	0.000184	0.0021	0.000928	0.392	0.00000164	0.00443	0.00131	0.00255	0.00545
2032 Jun	0.000331	0.00286	0.0558	0.0000194	9.23	15.3	0.0941	0.00298	231	0.0101	0.00828	0.000136	0.00136	0.000602	0.258	0.00000176	0.00281	0.000889	0.00202	0.00345
2032 Jul	0.000208	0.00199	0.0351	0.0000116	5.74	9.32	0.0547	0.00177	133	0.00612	0.00649	0.0000856	0.00081	0.000369	0.159	0.00000184	0.00166	0.000537	0.00152	0.00204
2032 Aug	0.000162	0.00155	0.0266	0.00000771	4.01	6.41	0.0361	0.00118	86.8	0.00413	0.00565	0.0000645	0.00053	0.000253	0.113	0.0000019	0.00108	0.000364	0.00126	0.00132
2032 Sep	0.000146	0.00134	0.0225	0.0000059	3.25	5.1	0.0277	0.000903	66.2	0.00319	0.0053	0.0000539	0.000403	0.000201	0.0929	0.00000193	0.000818	0.000284	0.00114	0.000992
2032 Oct	0.000141	0.00128	0.0212	0.00000528	2.99	4.65	0.0248	0.00081	59.1	0.00287	0.00522	0.0000525	0.00036	0.000182	0.0861	0.00000194	0.000727	0.000257	0.0011	0.000879
2032 Nov	0.000141	0.00128	0.0212	0.00000531	3	4.67	0.0249	0.000814	59.4	0.00289	0.00523	0.0000525	0.000361	0.000183	0.0864	0.00000194	0.000731	0.000258	0.0011	0.000884
2032 Dec	0.000141	0.00128	0.0212	0.00000533	3.01	4.69	0.025	0.000818	59.6	0.0029	0.00523	0.0000524	0.000363	0.000184	0.0866	0.00000194	0.000734	0.000259	0.00111	0.000888
2033 Jan	0.000141	0.00128	0.0212	0.00000533	3.01	4.69	0.025	0.000818	59.6	0.0029	0.00523	0.0000524	0.000363	0.000184	0.0866	0.00000194	0.000734	0.000259	0.00111	0.000888
2033 Feb	0.000141	0.00128	0.0213	0.00000533	3.01	4.69	0.025	0.000818	59.6	0.0029	0.00523	0.0000524	0.000363	0.000184	0.0866	0.00000194	0.000734	0.000259	0.00111	0.000888
2033 Mar	0.000141	0.00128	0.0213	0.00000533	3.01	4.69	0.025	0.000818	59.6	0.0029	0.00523	0.0000524	0.000363	0.000184	0.0866	0.00000194	0.000734	0.000259	0.00111	0.000888
2033 Apr	0.000141	0.00128	0.0213	0.00000534	3.01	4.69	0.025	0.000818	59.7	0.0029	0.00524	0.0000525	0.000363	0.000184	0.0867	0.00000194	0.000735	0.000259	0.00111	0.000889
2033 May	0.000146	0.00129	0.0229	0.00000545	3.04	4.76	0.0261	0.000827	60.1	0.00294	0.0053	0.0000595	0.000369	0.000186	0.0885	0.00000194	0.000743	0.00027	0.00112	0.000899
2033 Jun	0.000155	0.00133	0.0255	0.00000578	3.17	4.99	0.0285	0.000869	61.7	0.00309	0.00538	0.000071	0.00039	0.000195	0.0929	0.00000192	0.000785	0.000295	0.00114	0.00095
2033 Jul	0.000144	0.00128	0.0242	0.00000528	2.94	4.61	0.0258	0.000792	55.7	0.00285	0.00528	0.0000682	0.000354	0.00018	0.0862	0.00000194	0.000711	0.000272	0.00111	0.000859
2033 Aug	0.000135	0.00121	0.0225	0.00000463	2.66	4.12	0.0226	0.000693	48.5	0.00252	0.00513	0.0000627	0.000308	0.000161	0.0782	0.00000195	0.000615	0.000242	0.00107	0.000741
2033 Sep	0.000132	0.00116	0.0211	0.00000423	2.49	3.84	0.0206	0.000636	44.1	0.00232	0.00504	0.0000576	0.000281	0.00015	0.0739	0.00000195	0.000559	0.000222	0.00104	0.000672
2033 Oct	0.000131	0.00115	0.0208	0.00000418	2.47	3.8	0.0202	0.00063	43.1	0.00228	0.00505	0.0000561	0.000276	0.000148	0.0733	0.00000195	0.000551	0.000217	0.00103	0.000662

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Nov	0.000131	0.00115	0.0208	0.0000042	2.48	3.81	0.0202	0.000632	43.2	0.00229	0.00505	0.0000561	0.000277	0.000148	0.0735	0.00000195	0.000553	0.000217	0.00103	0.000664
2033 Dec	0.000131	0.00115	0.0208	0.0000042	2.48	3.81	0.0202	0.000632	43.2	0.00229	0.00505	0.0000561	0.000277	0.000148	0.0735	0.00000195	0.000553	0.000217	0.00103	0.000664
2034 Jan	0.000131	0.00115	0.0208	0.0000042	2.48	3.81	0.0202	0.000632	43.2	0.00229	0.00505	0.0000561	0.000277	0.000148	0.0735	0.00000195	0.000553	0.000217	0.00103	0.000664
2034 Feb	0.000131	0.00115	0.0208	0.0000042	2.48	3.81	0.0202	0.000632	43.2	0.00229	0.00505	0.0000561	0.000277	0.000148	0.0735	0.00000195	0.000553	0.000217	0.00103	0.000664
2034 Mar	0.000131	0.00115	0.0208	0.0000042	2.48	3.81	0.0202	0.000632	43.2	0.00229	0.00505	0.0000561	0.000277	0.000148	0.0735	0.00000195	0.000553	0.000217	0.00103	0.000664
2034 Apr	0.000131	0.00115	0.0208	0.0000042	2.48	3.81	0.0202	0.000632	43.2	0.00229	0.00505	0.0000561	0.000277	0.000148	0.0735	0.00000195	0.000553	0.000217	0.00103	0.000664
2034 May	0.000132	0.00116	0.0211	0.00000423	2.49	3.83	0.0204	0.000635	43.4	0.0023	0.00507	0.0000573	0.000279	0.000149	0.0739	0.00000195	0.000556	0.00022	0.00103	0.000668
2034 Jun	0.000136	0.00117	0.0226	0.00000435	2.52	3.9	0.0214	0.000646	43.5	0.00235	0.00512	0.0000638	0.000285	0.000151	0.0755	0.00000195	0.000567	0.000231	0.00104	0.00068
2034 Jul	0.000131	0.00115	0.0221	0.0000042	2.45	3.78	0.0206	0.000623	41.5	0.00228	0.00508	0.0000627	0.000274	0.000147	0.0732	0.00000195	0.000545	0.000224	0.00103	0.000653
2034 Aug	0.000127	0.00112	0.0213	0.00000388	2.31	3.54	0.019	0.000574	38.1	0.00212	0.00501	0.0000599	0.000252	0.000138	0.0693	0.00000196	0.000498	0.000209	0.00102	0.000595
2034 Sep	0.000125	0.00109	0.0205	0.00000367	2.23	3.39	0.0179	0.000544	35.8	0.00201	0.00496	0.0000567	0.000237	0.000132	0.067	0.00000196	0.000468	0.000198	0.001	0.000559
2034 Oct	0.000125	0.00109	0.0202	0.00000361	2.2	3.34	0.0175	0.000536	35	0.00197	0.00496	0.0000559	0.000233	0.00013	0.0663	0.00000196	0.000459	0.000194	0.000993	0.000548
2034 Nov	0.000125	0.00109	0.0202	0.00000361	2.2	3.35	0.0175	0.000536	35	0.00197	0.00496	0.0000559	0.000233	0.00013	0.0664	0.00000196	0.00046	0.000194	0.000994	0.000549
2034 Dec	0.000125	0.00109	0.0202	0.00000361	2.2	3.35	0.0175	0.000536	35	0.00197	0.00496	0.0000559	0.000233	0.00013	0.0664	0.00000196	0.00046	0.000194	0.000994	0.000549
2035 Jan	0.000125	0.00109	0.0202	0.00000361	2.2	3.35	0.0175	0.000536	35	0.00197	0.00496	0.0000559	0.000233	0.00013	0.0664	0.00000196	0.00046	0.000194	0.000994	0.000549
2035 Feb	0.000125	0.00109	0.0202	0.00000361	2.2	3.35	0.0175	0.000536	35	0.00197	0.00496	0.0000559	0.000233	0.00013	0.0664	0.00000196	0.00046	0.000194	0.000994	0.000549
2035 Mar	0.000125	0.00109	0.0202	0.00000361	2.2	3.35	0.0175	0.000536	35	0.00197	0.00496	0.0000559	0.000233	0.00013	0.0664	0.00000196	0.00046	0.000194	0.000994	0.000549
2035 Apr	0.000125	0.00109	0.0203	0.00000361	2.2	3.35	0.0175	0.000537	35	0.00197	0.00496	0.0000559	0.000233	0.00013	0.0664	0.00000196	0.00046	0.000194	0.000994	0.000549
2035 May	0.000125	0.00109	0.0203	0.00000362	2.21	3.35	0.0176	0.000538	35.1	0.00198	0.00497	0.0000562	0.000234	0.00013	0.0665	0.00000196	0.000461	0.000195	0.000996	0.00055
2035 Jun	0.000127	0.00109	0.0212	0.00000374	2.24	3.41	0.0182	0.000547	35.2	0.00202	0.005	0.0000592	0.00024	0.000132	0.0676	0.00000195	0.000471	0.000202	0.001	0.000562
2035 Jul	0.000124	0.00109	0.021	0.00000365	2.19	3.33	0.0177	0.000533	33.9	0.00198	0.00498	0.0000588	0.000233	0.000129	0.0662	0.00000196	0.000457	0.000198	0.001	0.000545
2035 Aug	0.000121	0.00107	0.0205	0.00000349	2.12	3.21	0.0168	0.000509	32.2	0.0019	0.00494	0.0000569	0.000222	0.000125	0.0642	0.00000196	0.000434	0.00019	0.00099	0.000516
2035 Sep	0.00012	0.00105	0.02	0.00000338	2.08	3.13	0.0162	0.000493	30.9	0.00184	0.00491	0.0000547	0.000214	0.000121	0.063	0.00000196	0.000419	0.000184	0.00098	0.000498
2035 Oct	0.00012	0.00105	0.0198	0.00000332	2.05	3.09	0.0159	0.000485	30.2	0.0018	0.00491	0.0000542	0.00021	0.00012	0.0623	0.00000196	0.00041	0.000181	0.000975	0.000487
2035 Nov	0.00012	0.00105	0.0198	0.00000334	2.06	3.11	0.016	0.000488	30.3	0.00181	0.00491	0.0000541	0.000211	0.00012	0.0625	0.00000196	0.000413	0.000181	0.000976	0.000491
2035 Dec	0.00012	0.00105	0.0198	0.00000334	2.06	3.11	0.016	0.000488	30.3	0.00181	0.00491	0.0000541	0.000211	0.00012	0.0625	0.00000196	0.000413	0.000181	0.000976	0.000491
2036 Jan	0.00012	0.00105	0.0198	0.00000334	2.06	3.11	0.016	0.000488	30.3	0.00181	0.00491	0.0000541	0.000211	0.00012	0.0625	0.00000196	0.000413	0.000181	0.000976	0.000491
2036 Feb	0.00012	0.00105	0.0198	0.00000334	2.06	3.11	0.016	0.000488	30.3	0.00181	0.00491	0.0000541	0.000211	0.00012	0.0625	0.00000196	0.000413	0.000181	0.000976	0.000491
2036 Mar	0.00012	0.00105	0.0198	0.00000334	2.06	3.11	0.016	0.000488	30.3	0.00181	0.00491	0.0000541	0.000211	0.00012	0.0625	0.00000196	0.000413	0.000181	0.000976	0.000491
2036 Apr	0.00012	0.00105	0.0198	0.00000334	2.06	3.11	0.016	0.000489	30.4	0.00182	0.00491	0.0000541	0.000211	0.00012	0.0626	0.00000196	0.000413	0.000181	0.000976	0.000491
2036 May	0.00012	0.00105	0.0199	0.00000335	2.06	3.11	0.016	0.00049	30.4	0.00182	0.00492	0.0000542	0.000212	0.00012	0.0627	0.00000196	0.000414	0.000182	0.000977	0.000492
2036 Jun	0.00012	0.00105	0.0201	0.0000034	2.07	3.13	0.0162	0.000492	30.3	0.00183	0.00493	0.0000549	0.000214	0.000121	0.0629	0.00000196	0.000417	0.000184	0.000981	0.000496
2036 Jul	0.000118	0.00105	0.02	0.00000335	2.04	3.08	0.0159	0.000483	29.4	0.0018	0.00492	0.0000548	0.00021	0.000119	0.062	0.00000196	0.000408	0.000182	0.000979	0.000484
2036 Aug	0.000117	0.00103	0.0197	0.00000321	1.98	2.98	0.0152	0.000463	28.2	0.00174	0.00489	0.0000536	0.0002	0.000115	0.0604	0.00000197	0.000389	0.000176	0.000972	0.000461
2036 Sep	0.000116	0.00102	0.0193	0.0000031	1.94	2.9	0.0147	0.000447	27.1	0.00168	0.00486	0.0000522	0.000193	0.000112	0.0592	0.00000197	0.000373	0.00017	0.000964	0.000442
2036 Oct	0.000116	0.00101	0.0191	0.00000306	1.92	2.87	0.0144	0.00044	26.6	0.00166	0.00486	0.0000518	0.000189	0.000111	0.0587	0.00000197	0.000367	0.000168	0.00096	0.000434
2036 Nov	0.000116	0.00101	0.0191	0.00000306	1.92	2.87	0.0144	0.000441	26.6	0.00166	0.00486	0.0000518	0.00019	0.000111	0.0588	0.00000197	0.000367	0.000168	0.00096	0.000434
2036 Dec	0.000116	0.00101	0.0192	0.00000306	1.92	2.87	0.0144	0.000441	26.6	0.00166	0.00486	0.0000518	0.00019	0.000111	0.0588	0.00000196	0.000367	0.000168	0.00096	0.000435
2037 Jan	0.000116	0.00101	0.0192	0.00000306	1.92	2.87	0.0144	0.000441	26.6	0.00166	0.00486	0.0000518	0.00019	0.000111	0.0588	0.00000196	0.000367	0.000168	0.00096	0.000435
2037 Feb	0.000116	0.00101	0.0192	0.00000306	1.92	2.87	0.0144	0.000441	26.6	0.00166	0.00486	0.0000518	0.00019	0.000111	0.0588	0.00000196	0.000367	0.000168	0.00096	0.000435
2037 Mar	0.000116	0.00101	0.0192	0.00000306	1.92	2.87	0.0144	0.000441	26.6	0.00166	0.00486	0.0000518	0.00019	0.000111	0.0588	0.00000196	0.000368	0.000168	0.00096	0.000435
2037 Apr	0.000116	0.00101	0.0192	0.00000306	1.92	2.87	0.0144	0.000441	26.6	0.00166	0.00486	0.0000518	0.00019	0.000111	0.0588	0.00000197	0.000368	0.000168	0.00096	0.000435
2037 May	0.000117	0.00102	0.0195	0.00000308	1.93	2.89	0.0147	0.000443	26.6	0.00167	0.00488	0.0000534	0.000191	0.000111	0.0591	0.00000197	0.000369	0.00017	0.000963	0.000436
2037 Jun	0.000118	0.00102	0.0201	0.00000312	1.94	2.9	0.015	0.000445	26.5	0.00168	0.00488	0.0000558	0.000193	0.000112	0.0596	0.00000196	0.000372	0.000174	0.000964	0.000439
2037 Jul	0.000116	0.00101	0.02	0.00000306	1.91	2.85	0.0146	0.000435	25.8	0.00165	0.00488	0.0000558	0.000188	0.00011	0.0586	0.00000196	0.000361	0.000172	0.000961	0.000427
2037 Aug	0.000115	0.001	0.0197	0.00000296	1.86	2.78	0.0142	0.00042	24.9	0.0016	0.00486	0.0000548	0.000181	0.000107	0.0574	0.00000197	0.000347	0.000167	0.000956	0.000409
2037 Sep	0.000114	0.000993	0.0193	0.00000286	1.83	2.71	0.0137	0.000406	24	0.00155	0.00484	0.0000536	0.000174	0.000105	0.0565	0.00000197	0.000334	0.000162	0.000951	0.000393
2037 Oct	0.000114	0.000987	0.0192	0.00000282	1.81	2.68	0.0134	0.0004	23.6	0.00153	0.00483	0.0000533	0.000171	0.000103	0.056	0.00000197	0.000327	0.00016	0.000947	0.000385
2037 Nov	0.000114	0.000987	0.0192	0.00000282	1.81	2.68	0.0134	0.0004	23.6	0.00153	0.00483	0.0000533	0.000171	0.000103	0.056	0.00000197	0.000327	0.00016	0.000947	0.000385
2037 Dec	0.000114	0.000987	0.0192	0.00000282	1.81	2.68	0.0134	0.0004	23.6	0.00153	0.00483	0.0000533	0.000171	0.000103	0.056	0.00000197	0.000327	0.00016	0.000947	0.000385
2038 Jan	0.000114	0.000987	0.0192	0.00000282	1.81	2.68	0.0134	0.0004	23.6	0.00153	0.00483	0.0000533	0.000171	0.000103	0.056	0.00000197	0.000327	0.00016	0.000947	0.000385
2038 Feb	0.000114	0.000987	0.0192	0.00000282	1.81	2.68	0.0134	0.0004	23.6	0.00153	0.00483	0.0000533	0.000171	0.000103	0.056	0.00000197	0.000327	0.00016	0.000947	0.000385
2038 Mar	0.000114	0.000987	0.0192	0.00000282	1.81	2.68	0.0134	0.0004	23.6	0.00153	0.00483	0.0000533	0.000171	0.000103	0.056	0.00000197	0.000327	0.00016	0.000947	0.000385
2038 Apr	0.000114	0.000988	0.0192	0.00000282	1.81	2.68	0.0134	0.0004	23.6	0.00153	0.00484	0.0000533	0.000171	0.000103	0.056	0.00000197	0.000327	0.00016	0.000948	0.000385
2038 May	0.000114	0.000989	0.0194	0.00000283	1.81	2.69	0.0135	0.0004	23.6	0.00153	0.00484	0.0000538	0.000171	0.000103	0.0561	0.00000197	0.000328	0.000161	0.000949	0.000385
2038 Jun	0.000115	0.000987	0.0199	0.00000284	1.8	2.68	0.0137	0.000398	23.4	0.00152	0.00485	0.0000561	0.000171	0.000103	0.0562	0.00000197	0.000325	0.000163	0.000949	0.000382
2038 Jul	0.000114	0.000985	0.0198	0.00000279	1.78	2.64	0.0134	0.000389	22.9	0.0015	0.00485	0.0000561	0.000167	0.000101	0.0555	0.00000198	0.000317	0.000161	0.000948	0.000372
2038 Aug	0.000113	0.00098	0.0196	0.00000273	1.75	2.59	0.0131	0.00038	22.3	0.00147	0.00485	0.0000556	0.000163	0.0000997	0.0547	0.00000198	0.000308	0.000158	0.000946	0.000361
2038 Sep	0.000113	0.000979	0.0197	0.00000272	1.75	2.59	0.0131	0.00038	22.3	0.00147	0.00485	0.0000555	0.000162	0.0000996	0.0547	0.00000199	0.000307	0.000158	0.000946	0.00036
2038 Oct	0.000113	0.000979	0.0197	0.00000273	1.75	2.59	0.0131	0.00038	22.3	0.00147	0.00485	0.0000555	0.000162	0.0000996	0.0548	0.00000199	0.000307	0.000158	0.000947	0.00036
2038 Nov	0.000113	0.00098	0.0197	0.00000273	1.75	2.59	0.0131	0.00038	22.3	0.00147	0.00485	0.0000555	0.000162	0.0000996	0.0548	0.00000199	0.000307	0.000158	0.000947	0.000361
2038 Dec	0.000113	0.00098	0.0197	0.00000273	1.75	2.6	0.0131	0.00038	22.3	0.00147	0.00485	0.0000555	0.000162	0.0000996	0.0548	0.00000199	0.000307	0.000158	0.000947	0.000361
2039 Jan	0.000113	0.00098	0.0197	0.00000273	1.75	2.6	0.0131	0.00038	22.3	0.00147	0.00485	0.0000555	0.000162	0.0000996	0.0548	0.00000199	0.000307	0.000158	0.000947	0.000361
2039 Feb	0.000113	0.00098	0.0197	0.00000273	1.75	2.6	0.0131	0.00038	22.3	0.00147	0.00485	0.0000555	0.000162	0.0000996	0.0548	0.00000199	0.000307	0.000158	0.000947	0.000361
2039 Mar	0.000113	0.00098	0.0197	0.00000273	1.75	2.6	0.0131	0.00038	22.3	0.00147	0.00485	0.0000555	0.000162	0.0000996	0.0548	0.00000199	0.000307	0.000158	0.000947	0.000361
2039 Apr	0.000113	0.00098	0.0197	0.00000273	1.75	2.6	0.0131	0.00038	22.3	0.00147	0.00485	0.0000555	0.000162	0.0000996	0.0548	0.00000199	0.000307	0.000158	0.000947	0.000361
2039 May	0.000113	0.000981	0.0198	0.00000273	1.76	2.6	0.0131	0.00038	22.3	0.00147	0.00486	0.0000556	0.000163	0.0000997	0.0549	0.00000199	0.000308	0.000159	0.000948	0.000361

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Jun	0.000113	0.000979	0.0203	0.00000278	1.76	2.61	0.0132	0.000381	22.5	0.00148	0.00488	0.0000564	0.000164	0.0000998	0.0553	0.00000198	0.000306	0.000162	0.000954	0.000363
2039 Jul	0.000114	0.000978	0.0206	0.00000281	1.77	2.63	0.0134	0.000382	22.6	0.00148	0.00489	0.000057	0.000165	0.0000999	0.0556	0.00000198	0.000306	0.000164	0.000958	0.000366
2039 Aug	0.000114	0.00098	0.0208	0.00000283	1.77	2.64	0.0134	0.000383	22.7	0.00148	0.00491	0.0000573	0.000165	0.0001	0.0558	0.00000198	0.000306	0.000164	0.000961	0.000368
2039 Sep	0.000114	0.000981	0.0208	0.00000284	1.78	2.64	0.0134	0.000384	22.7	0.00149	0.00492	0.0000573	0.000165	0.0001	0.0559	0.00000198	0.000307	0.000165	0.000962	0.000368
2039 Oct	0.000114	0.000981	0.0209	0.00000284	1.78	2.64	0.0134	0.000384	22.7	0.00149	0.00492	0.0000573	0.000166	0.0001	0.0559	0.00000198	0.000307	0.000165	0.000962	0.000368
2039 Nov	0.000114	0.000981	0.0209	0.00000284	1.78	2.64	0.0134	0.000384	22.7	0.00149	0.00492	0.0000573	0.000166	0.0001	0.0559	0.00000199	0.000307	0.000165	0.000962	0.000368
2039 Dec	0.000114	0.000981	0.0209	0.00000284	1.78	2.64	0.0134	0.000384	22.7	0.00149	0.00492	0.0000573	0.000166	0.0001	0.0559	0.00000199	0.000307	0.000165	0.000962	0.000368
2040 Jan	0.000114	0.000981	0.0209	0.00000284	1.78	2.64	0.0134	0.000384	22.7	0.00149	0.00492	0.0000573	0.000166	0.0001	0.0559	0.00000199	0.000307	0.000165	0.000962	0.000368
2040 Feb	0.000114	0.000981	0.0209	0.00000284	1.78	2.64	0.0134	0.000384	22.7	0.00149	0.00492	0.0000573	0.000166	0.0001	0.0559	0.00000199	0.000307	0.000165	0.000962	0.000368
2040 Mar	0.000114	0.000981	0.0209	0.00000284	1.78	2.64	0.0134	0.000384	22.7	0.00149	0.00492	0.0000573	0.000166	0.0001	0.0559	0.00000199	0.000307	0.000165	0.000962	0.000368
2040 Apr	0.000114	0.000982	0.0209	0.00000284	1.78	2.64	0.0134	0.000385	22.8	0.00149	0.00492	0.0000574	0.000166	0.0001	0.0559	0.00000199	0.000307	0.000165	0.000962	0.000368
2040 May	0.000115	0.000983	0.021	0.00000285	1.78	2.65	0.0135	0.000385	22.8	0.00149	0.00493	0.0000577	0.000166	0.0001	0.0561	0.00000199	0.000307	0.000165	0.000963	0.000369
2040 Jun	0.000117	0.000982	0.0219	0.0000029	1.79	2.67	0.0139	0.000386	22.9	0.0015	0.00496	0.0000609	0.000167	0.000101	0.0568	0.00000198	0.000306	0.000171	0.000969	0.000371
2040 Jul	0.000117	0.000984	0.022	0.00000291	1.79	2.68	0.0139	0.000387	23	0.0015	0.00497	0.0000611	0.000168	0.000101	0.057	0.00000199	0.000307	0.000171	0.000972	0.000372
2040 Aug	0.000117	0.000986	0.0221	0.00000292	1.8	2.69	0.014	0.000388	23	0.0015	0.00498	0.0000612	0.000168	0.000101	0.0571	0.00000199	0.000307	0.000172	0.000974	0.000373
2040 Sep	0.000117	0.000987	0.0221	0.00000293	1.8	2.69	0.014	0.000388	23.1	0.00151	0.00499	0.0000612	0.000168	0.000101	0.0572	0.00000199	0.000308	0.000172	0.000975	0.000374
2040 Oct	0.000117	0.000987	0.0221	0.00000293	1.8	2.69	0.014	0.000389	23.1	0.00151	0.00499	0.0000612	0.000168	0.000101	0.0572	0.00000199	0.000308	0.000172	0.000975	0.000374
2040 Nov	0.000117	0.000988	0.0222	0.00000293	1.8	2.69	0.014	0.000389	23.1	0.00151	0.00499	0.0000613	0.000168	0.000101	0.0572	0.00000199	0.000308	0.000172	0.000976	0.000374
2040 Dec	0.000117	0.000988	0.0222	0.00000293	1.8	2.69	0.014	0.000389	23.1	0.00151	0.00499	0.0000613	0.000168	0.000101	0.0572	0.00000199	0.000308	0.000172	0.000976	0.000374
2041 Jan	0.000117	0.000988	0.0222	0.00000293	1.8	2.69	0.014	0.000389	23.1	0.00151	0.00499	0.0000613	0.000168	0.000101	0.0572	0.00000199	0.000308	0.000172	0.000976	0.000374
2041 Feb	0.000117	0.000988	0.0222	0.00000293	1.8	2.69	0.014	0.000389	23.1	0.00151	0.00499	0.0000613	0.000168	0.000101	0.0572	0.00000199	0.000308	0.000172	0.000976	0.000374
2041 Mar	0.000117	0.000988	0.0222	0.00000293	1.8	2.69	0.014	0.000389	23.1	0.00151	0.00499	0.0000613	0.000168	0.000101	0.0572	0.00000199	0.000308	0.000172	0.000976	0.000374
2041 Apr	0.000117	0.000988	0.0222	0.00000293	1.8	2.69	0.014	0.000389	23.1	0.00151	0.00499	0.0000613	0.000168	0.000101	0.0572	0.00000199	0.000308	0.000172	0.000976	0.000374
2041 May	0.000117	0.000988	0.0222	0.00000293	1.8	2.69	0.014	0.000389	23.1	0.00151	0.00499	0.0000614	0.000169	0.000101	0.0573	0.00000199	0.000308	0.000172	0.000976	0.000374
2041 Jun	0.000118	0.000987	0.0227	0.00000298	1.81	2.71	0.0141	0.00039	23.2	0.00151	0.00502	0.0000622	0.00017	0.000101	0.0576	0.00000199	0.000307	0.000175	0.000983	0.000376
2041 Jul	0.000118	0.000985	0.0231	0.00000301	1.81	2.72	0.0143	0.00039	23.3	0.00152	0.00503	0.0000629	0.000171	0.000102	0.0579	0.00000199	0.000306	0.000177	0.000986	0.000378
2041 Aug	0.000119	0.000988	0.0231	0.00000302	1.82	2.73	0.0143	0.000391	23.4	0.00152	0.00504	0.000063	0.000171	0.000102	0.0581	0.00000199	0.000307	0.000178	0.000989	0.000379
2041 Sep	0.000119	0.000989	0.0232	0.00000303	1.82	2.73	0.0143	0.000392	23.4	0.00152	0.00505	0.0000631	0.000171	0.000102	0.0582	0.00000199	0.000308	0.000178	0.00099	0.00038
2041 Oct	0.000119	0.000989	0.0232	0.00000303	1.82	2.73	0.0143	0.000392	23.4	0.00152	0.00505	0.000063	0.000171	0.000102	0.0582	0.00000199	0.000308	0.000178	0.00099	0.00038
2041 Nov	0.000119	0.000989	0.0232	0.00000303	1.82	2.73	0.0143	0.000392	23.4	0.00152	0.00505	0.000063	0.000171	0.000102	0.0582	0.00000199	0.000308	0.000178	0.00099	0.00038
2041 Dec	0.000119	0.000989	0.0232	0.00000303	1.82	2.73	0.0143	0.000392	23.4	0.00152	0.00505	0.0000631	0.000171	0.000102	0.0582	0.00000199	0.000308	0.000178	0.00099	0.00038
2042 Jan	0.000119	0.000989	0.0232	0.00000303	1.82	2.73	0.0143	0.000392	23.4	0.00152	0.00505	0.0000631	0.000171	0.000102	0.0582	0.00000199	0.000308	0.000178	0.00099	0.00038
2042 Feb	0.000119	0.000989	0.0232	0.00000303	1.82	2.73	0.0143	0.000392	23.4	0.00152	0.00505	0.0000631	0.000171	0.000102	0.0582	0.00000199	0.000308	0.000178	0.00099	0.00038
2042 Mar	0.000119	0.000989	0.0232	0.00000303	1.82	2.73	0.0143	0.000392	23.4	0.00152	0.00505	0.0000631	0.000171	0.000102	0.0582	0.00000199	0.000308	0.000178	0.00099	0.00038
2042 Apr	0.000119	0.00099	0.0232	0.00000303	1.82	2.73	0.0143	0.000393	23.4	0.00152	0.00505	0.0000631	0.000171	0.000102	0.0582	0.00000199	0.000308	0.000178	0.000991	0.00038
2042 May	0.000119	0.000991	0.0233	0.00000304	1.82	2.74	0.0144	0.000393	23.4	0.00153	0.00506	0.0000632	0.000172	0.000102	0.0583	0.000002	0.000308	0.000179	0.000992	0.000381
2042 Jun	0.000119	0.00099	0.0236	0.00000307	1.82	2.74	0.0145	0.000393	23.5	0.00153	0.00508	0.0000639	0.000172	0.000102	0.0585	0.00000199	0.000308	0.000181	0.000996	0.000382
2042 Jul	0.00012	0.00099	0.0239	0.0000031	1.83	2.75	0.0145	0.000394	23.5	0.00153	0.00509	0.0000643	0.000173	0.000102	0.0588	0.00000199	0.000307	0.000182	0.001	0.000383
2042 Aug	0.00012	0.00099	0.0241	0.00000312	1.83	2.76	0.0146	0.000395	23.6	0.00153	0.0051	0.0000645	0.000174	0.000102	0.0589	0.00000199	0.000307	0.000183	0.001	0.000384
2042 Sep	0.00012	0.00099	0.0242	0.00000313	1.83	2.77	0.0146	0.000396	23.6	0.00154	0.00511	0.0000646	0.000174	0.000102	0.0591	0.00000199	0.000307	0.000183	0.001	0.000385
2042 Oct	0.00012	0.00099	0.0243	0.00000314	1.83	2.77	0.0146	0.000396	23.7	0.00154	0.00511	0.0000647	0.000174	0.000102	0.0591	0.00000199	0.000307	0.000184	0.001	0.000385
2042 Nov	0.00012	0.00099	0.0243	0.00000314	1.83	2.77	0.0146	0.000396	23.7	0.00154	0.00511	0.0000647	0.000174	0.000102	0.0592	0.00000199	0.000307	0.000184	0.001	0.000385
2042 Dec	0.00012	0.00099	0.0243	0.00000314	1.83	2.77	0.0146	0.000396	23.7	0.00154	0.00511	0.0000647	0.000174	0.000102	0.0592	0.00000199	0.000307	0.000184	0.001	0.000385
2043 Jan	0.00012	0.00099	0.0243	0.00000314	1.83	2.77	0.0146	0.000396	23.7	0.00154	0.00511	0.0000647	0.000174	0.000102	0.0592	0.00000199	0.000307	0.000184	0.001	0.000385
2043 Feb	0.00012	0.00099	0.0243	0.00000314	1.83	2.77	0.0146	0.000396	23.7	0.00154	0.00511	0.0000647	0.000174	0.000102	0.0592	0.00000199	0.000307	0.000184	0.001	0.000385
2043 Mar	0.00012	0.00099	0.0243	0.00000314	1.83	2.77	0.0146	0.000396	23.7	0.00154	0.00511	0.0000647	0.000174	0.000102	0.0592	0.00000199	0.000307	0.000184	0.001	0.000385
2043 Apr	0.00012	0.00099	0.0243	0.00000314	1.83	2.77	0.0146	0.000396	23.7	0.00154	0.00511	0.0000647	0.000174	0.000103	0.0592	0.00000199	0.000307	0.000184	0.001	0.000386
2043 May	0.00012	0.000992	0.0244	0.00000315	1.84	2.78	0.0147	0.000397	23.7	0.00154	0.00512	0.000065	0.000174	0.000103	0.0593	0.00000199	0.000308	0.000184	0.001	0.000386
2043 Jun	0.000122	0.000992	0.0252	0.00000319	1.84	2.79	0.015	0.000397	23.8	0.00155	0.00515	0.0000677	0.000175	0.000103	0.0599	0.00000199	0.000306	0.000189	0.00101	0.000387
2043 Jul	0.000122	0.000994	0.0253	0.0000032	1.85	2.8	0.0151	0.000399	23.9	0.00155	0.00517	0.000068	0.000176	0.000103	0.0601	0.000002	0.000307	0.00019	0.00101	0.000389
2043 Aug	0.000123	0.000997	0.0254	0.00000322	1.85	2.81	0.0151	0.0004	23.9	0.00156	0.00518	0.0000682	0.000177	0.000103	0.0603	0.000002	0.000308	0.00019	0.00102	0.00039
2043 Sep	0.000123	0.000998	0.0254	0.00000322	1.86	2.81	0.0151	0.000401	23.9	0.00156	0.00519	0.0000682	0.000177	0.000104	0.0603	0.000002	0.000309	0.00019	0.00102	0.00039
2043 Oct	0.000123	0.000998	0.0255	0.00000323	1.86	2.82	0.0151	0.000401	23.9	0.00156	0.00519	0.0000682	0.000177	0.000104	0.0604	0.000002	0.000309	0.000191	0.00102	0.00039
2043 Nov	0.000123	0.000998	0.0256	0.00000324	1.86	2.82	0.0152	0.000401	23.9	0.00156	0.00519	0.0000683	0.000177	0.000104	0.0604	0.000002	0.000309	0.000191	0.00102	0.000391
2043 Dec	0.000123	0.000998	0.0256	0.00000324	1.86	2.82	0.0152	0.000401	23.9	0.00156	0.00519	0.0000683	0.000177	0.000104	0.0604	0.000002	0.000309	0.000191	0.00102	0.000391
2044 Jan	0.000123	0.000998	0.0256	0.00000324	1.86	2.82	0.0152	0.000401	23.9	0.00156	0.00519	0.0000683	0.000177	0.000104	0.0604	0.000002	0.000309	0.000191	0.00102	0.000391
2044 Feb	0.000123	0.000998	0.0256	0.00000324	1.86	2.82	0.0152	0.000401	23.9	0.00156	0.00519	0.0000683	0.000177	0.000104	0.0604	0.000002	0.000309	0.000191	0.00102	0.000391
2044 Mar	0.000123	0.000998	0.0256	0.00000324	1.86	2.82	0.0152	0.000401	23.9	0.00156	0.00519	0.0000683	0.000177	0.000104	0.0604	0.000002	0.000309	0.000191	0.00102	0.000391
2044 Apr	0.000123	0.000998	0.0256	0.00000324	1.86	2.82	0.0152	0.000401	23.9	0.00156	0.0052	0.0000683	0.000177	0.000104	0.0604	0.000002	0.000309	0.000191	0.00102	0.000391
2044 May	0.000123	0.000999	0.0256	0.00000324	1.86	2.82	0.0152	0.000402	24	0.00156	0.0052	0.0000684	0.000177	0.000104	0.0605	0.000002	0.000309	0.000191	0.00102	0.000391
2044 Jun	0.000124	0.000996	0.0262	0.00000329	1.86	2.83	0.0154	0.000401	24	0.00156	0.00522	0.0000697	0.000178	0.000104	0.0609	0.000002	0.000307	0.000195	0.00102	0.000392
2044 Jul	0.000124	0.000998	0.0264	0.00000331	1.86	2.84	0.0154	0.000403	24.1	0.00157	0.00524	0.0000701	0.000179	0.000104	0.0611	0.000002	0.000308	0.000196	0.00103	0.000393
2044 Aug	0.000125	0.001	0.0265	0.00000332	1.87	2.85	0.0155	0.000404	24.2	0.00157	0.00526	0.0000704	0.000179	0.000104	0.0613	0.00000201	0.000309	0.000197	0.00103	0.000395
2044 Sep	0.000124	0.001	0.0266	0.00000333	1.87	2.85	0.0155	0.000404	24.2	0.00157	0.00526	0.0000703	0.000179	0.000104	0.0613	0.00000201	0.000309	0.000196	0.00103	0.000395
2044 Oct	0.000125	0.001	0.0266	0.00000333	1.87	2.85	0.0155	0.000405	24.2	0.00157	0.00526	0.0000703	0.000179	0.000104	0.0614	0.00000201	0.000309	0.000197	0.00103	0.000395
2044 Nov	0.000125	0.001	0.0267	0.00000334	1.87	2.85	0.0155	0.000405	24.2	0.00157	0.00526	0.0000703	0.000179	0.000104	0.0614	0.00000201	0.000309	0.000197	0.00103	0.000395
2044 Dec	0.000125	0.001	0.0267	0.00000334	1.87	2.85	0.0155	0.000405	24.2	0.00157	0.00526	0.0000703	0.000179	0.000104	0.0614	0.00000201	0.000309	0.000197	0.00103	0.000395

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Jan	0.000125	0.001	0.0267	0.00000334	1.87	2.85	0.0155	0.000405	24.2	0.00157	0.00526	0.0000703	0.000179	0.000104	0.0614	0.00000201	0.000309	0.000197	0.00103	0.000395
2045 Feb	0.000125	0.001	0.0267	0.00000334	1.87	2.85	0.0155	0.000405	24.2	0.00157	0.00526	0.0000703	0.000179	0.000104	0.0614	0.00000201	0.000309	0.000197	0.00103	0.000395
2045 Mar	0.000125	0.001	0.0267	0.00000334	1.87	2.85	0.0155	0.000405	24.2	0.00157	0.00526	0.0000703	0.000179	0.000104	0.0614	0.00000201	0.000309	0.000197	0.00103	0.000395
2045 Apr	0.000125	0.001	0.0267	0.00000334	1.87	2.86	0.0155	0.000405	24.2	0.00157	0.00526	0.0000703	0.00018	0.000104	0.0614	0.00000201	0.000309	0.000197	0.00103	0.000395
2045 May	0.000125	0.001	0.0267	0.00000334	1.87	2.86	0.0155	0.000405	24.2	0.00158	0.00527	0.0000704	0.00018	0.000104	0.0615	0.00000201	0.000309	0.000197	0.00103	0.000396
2045 Jun	0.000125	0.001	0.0271	0.00000338	1.88	2.87	0.0156	0.000405	24.2	0.00158	0.00529	0.000071	0.00018	0.000104	0.0617	0.00000201	0.000308	0.000199	0.00104	0.000396
2045 Jul	0.000125	0.001	0.0274	0.0000034	1.88	2.88	0.0157	0.000406	24.3	0.00158	0.00531	0.0000715	0.000181	0.000105	0.0619	0.00000201	0.000308	0.000201	0.00104	0.000398
2045 Aug	0.000126	0.001	0.0274	0.00000341	1.89	2.88	0.0157	0.000408	24.4	0.00159	0.00532	0.0000716	0.000182	0.000105	0.0621	0.00000201	0.000309	0.000201	0.00104	0.000399
2045 Sep	0.000126	0.00101	0.0275	0.00000342	1.89	2.89	0.0158	0.000408	24.4	0.00159	0.00532	0.0000716	0.000182	0.000105	0.0622	0.00000201	0.00031	0.000201	0.00105	0.000399
2045 Oct	0.000126	0.00101	0.0275	0.00000342	1.89	2.89	0.0158	0.000408	24.4	0.00159	0.00533	0.0000716	0.000182	0.000105	0.0622	0.00000201	0.00031	0.000202	0.00105	0.0004
2045 Nov	0.000126	0.00101	0.0275	0.00000342	1.89	2.89	0.0158	0.000408	24.4	0.00159	0.00533	0.0000716	0.000182	0.000105	0.0622	0.00000201	0.00031	0.000202	0.00105	0.0004
2045 Dec	0.000126	0.00101	0.0275	0.00000342	1.89	2.89	0.0158	0.000408	24.4	0.00159	0.00533	0.0000717	0.000182	0.000105	0.0622	0.00000201	0.00031	0.000202	0.00105	0.0004
2046 Jan	0.000126	0.00101	0.0275	0.00000342	1.89	2.89	0.0158	0.000408	24.4	0.00159	0.00533	0.0000717	0.000182	0.000105	0.0622	0.00000201	0.00031	0.000202	0.00105	0.0004
2046 Feb	0.000126	0.00101	0.0275	0.00000342	1.89	2.89	0.0158	0.000408	24.4	0.00159	0.00533	0.0000717	0.000182	0.000105	0.0622	0.00000201	0.00031	0.000202	0.00105	0.0004
2046 Mar	0.000126	0.00101	0.0275	0.00000342	1.89	2.89	0.0158	0.000408	24.4	0.00159	0.00533	0.0000717	0.000182	0.000105	0.0622	0.00000201	0.00031	0.000202	0.00105	0.0004
2046 Apr	0.000126	0.00101	0.0275	0.00000342	1.89	2.89	0.0158	0.000409	24.4	0.00159	0.00533	0.0000717	0.000182	0.000105	0.0622	0.00000201	0.00031	0.000202	0.00105	0.0004
2046 May	0.000126	0.00101	0.0275	0.00000343	1.89	2.89	0.0158	0.000409	24.4	0.00159	0.00533	0.0000718	0.000182	0.000105	0.0623	0.00000202	0.00031	0.000202	0.00105	0.0004
2046 Jun	0.000126	0.001	0.028	0.00000347	1.89	2.9	0.0159	0.000409	24.4	0.00159	0.00535	0.0000726	0.000183	0.000105	0.0625	0.00000201	0.000308	0.000205	0.00105	0.000401
2046 Jul	0.000127	0.001	0.0284	0.00000351	1.89	2.91	0.016	0.000409	24.5	0.0016	0.00537	0.0000732	0.000184	0.000105	0.0627	0.00000201	0.000308	0.000207	0.00106	0.000401
2046 Aug	0.000127	0.00101	0.0285	0.00000352	1.9	2.92	0.016	0.00041	24.5	0.0016	0.00538	0.0000733	0.000185	0.000105	0.0629	0.00000201	0.000308	0.000207	0.00106	0.000403
2046 Sep	0.000127	0.00101	0.0286	0.00000353	1.9	2.92	0.0161	0.00041	24.5	0.0016	0.00539	0.0000734	0.000185	0.000105	0.063	0.00000201	0.000308	0.000208	0.00106	0.000403
2046 Oct	0.000127	0.00101	0.0287	0.00000354	1.9	2.92	0.0161	0.000411	24.5	0.0016	0.00539	0.0000734	0.000185	0.000105	0.063	0.00000201	0.000308	0.000208	0.00106	0.000403
2046 Nov	0.000127	0.00101	0.0287	0.00000354	1.9	2.92	0.0161	0.000411	24.5	0.0016	0.00539	0.0000735	0.000185	0.000105	0.063	0.00000201	0.000308	0.000208	0.00106	0.000403
2046 Dec	0.000127	0.00101	0.0287	0.00000354	1.9	2.92	0.0161	0.000411	24.5	0.0016	0.00539	0.0000735	0.000185	0.000105	0.0631	0.00000201	0.000308	0.000208	0.00106	0.000403
2047 Jan	0.000127	0.00101	0.0287	0.00000354	1.9	2.92	0.0161	0.000411	24.5	0.0016	0.00539	0.0000735	0.000185	0.000105	0.0631	0.00000201	0.000308	0.000208	0.00106	0.000403
2047 Feb	0.000127	0.00101	0.0287	0.00000354	1.9	2.92	0.0161	0.000411	24.5	0.0016	0.00539	0.0000735	0.000185	0.000105	0.0631	0.00000201	0.000308	0.000208	0.00106	0.000403
2047 Mar	0.000127	0.00101	0.0287	0.00000354	1.9	2.92	0.0161	0.000411	24.5	0.0016	0.00539	0.0000735	0.000185	0.000105	0.0631	0.00000201	0.000308	0.000208	0.00106	0.000403
2047 Apr	0.000127	0.00101	0.0287	0.00000354	1.9	2.92	0.0161	0.000411	24.5	0.0016	0.00539	0.0000735	0.000185	0.000105	0.0631	0.00000201	0.000308	0.000208	0.00106	0.000403
2047 May	0.000127	0.00101	0.0288	0.00000355	1.9	2.93	0.0161	0.000411	24.6	0.0016	0.0054	0.000074	0.000185	0.000105	0.0632	0.00000201	0.000308	0.000209	0.00106	0.000404
2047 Jun	0.000129	0.00101	0.0297	0.00000359	1.9	2.94	0.0165	0.000411	24.6	0.00161	0.00543	0.0000768	0.000186	0.000106	0.0638	0.00000201	0.000307	0.000213	0.00107	0.000404
2047 Jul	0.00013	0.00101	0.0298	0.00000361	1.91	2.95	0.0165	0.000413	24.7	0.00161	0.00545	0.0000771	0.000187	0.000106	0.064	0.00000201	0.000308	0.000214	0.00107	0.000405
2047 Aug	0.00013	0.00101	0.0299	0.00000362	1.91	2.96	0.0166	0.000414	24.7	0.00162	0.00546	0.0000773	0.000187	0.000106	0.0642	0.00000202	0.000309	0.000215	0.00107	0.000407
2047 Sep	0.00013	0.00101	0.0299	0.00000363	1.91	2.96	0.0166	0.000415	24.7	0.00162	0.00547	0.0000773	0.000187	0.000106	0.0642	0.00000202	0.000309	0.000215	0.00107	0.000407
2047 Oct	0.00013	0.00101	0.03	0.00000363	1.91	2.96	0.0166	0.000415	24.7	0.00162	0.00547	0.0000773	0.000187	0.000106	0.0642	0.00000202	0.000309	0.000215	0.00107	0.000407
2047 Nov	0.00013	0.00101	0.0301	0.00000364	1.91	2.96	0.0166	0.000415	24.7	0.00162	0.00547	0.0000774	0.000187	0.000106	0.0643	0.00000202	0.000309	0.000215	0.00107	0.000407
2047 Dec	0.00013	0.00101	0.0301	0.00000364	1.91	2.96	0.0166	0.000415	24.7	0.00162	0.00547	0.0000774	0.000187	0.000106	0.0643	0.00000202	0.000309	0.000215	0.00107	0.000407
2048 Jan	0.00013	0.00101	0.0301	0.00000364	1.91	2.96	0.0166	0.000415	24.7	0.00162	0.00547	0.0000774	0.000187	0.000106	0.0643	0.00000202	0.000309	0.000215	0.00107	0.000407
2048 Feb	0.00013	0.00101	0.0301	0.00000364	1.91	2.96	0.0166	0.000415	24.7	0.00162	0.00547	0.0000774	0.000187	0.000106	0.0643	0.00000202	0.000309	0.000215	0.00107	0.000407
2048 Mar	0.00013	0.00101	0.0301	0.00000364	1.91	2.96	0.0166	0.000415	24.7	0.00162	0.00547	0.0000774	0.000187	0.000106	0.0643	0.00000202	0.000309	0.000215	0.00107	0.000407
2048 Apr	0.00013	0.00101	0.0301	0.00000364	1.92	2.96	0.0166	0.000415	24.7	0.00162	0.00547	0.0000774	0.000187	0.000106	0.0643	0.00000202	0.000309	0.000215	0.00107	0.000407
2048 May	0.00013	0.00101	0.0301	0.00000364	1.92	2.97	0.0166	0.000415	24.8	0.00162	0.00548	0.0000775	0.000188	0.000106	0.0643	0.00000202	0.000309	0.000216	0.00107	0.000408
2048 Jun	0.00013	0.00101	0.0305	0.00000368	1.92	2.97	0.0167	0.000415	24.8	0.00162	0.00549	0.0000781	0.000188	0.000106	0.0645	0.00000201	0.000308	0.000218	0.00108	0.000408
2048 Jul	0.000131	0.00101	0.0309	0.00000372	1.92	2.98	0.0168	0.000415	24.8	0.00162	0.00551	0.0000787	0.000189	0.000106	0.0648	0.00000201	0.000307	0.00022	0.00108	0.000408
2048 Aug	0.000131	0.00101	0.031	0.00000374	1.92	2.99	0.0169	0.000416	24.8	0.00163	0.00552	0.0000788	0.00019	0.000106	0.0649	0.00000202	0.000307	0.000221	0.00109	0.000409
2048 Sep	0.000131	0.00101	0.0311	0.00000374	1.92	2.99	0.0169	0.000417	24.8	0.00163	0.00553	0.0000789	0.00019	0.000106	0.065	0.00000202	0.000308	0.000221	0.00109	0.00041
2048 Oct	0.000131	0.00101	0.0312	0.00000375	1.92	2.99	0.0169	0.000417	24.8	0.00163	0.00553	0.000079	0.00019	0.000106	0.065	0.00000202	0.000307	0.000221	0.00109	0.00041
2048 Nov	0.000131	0.00101	0.0312	0.00000375	1.92	2.99	0.0169	0.000417	24.8	0.00163	0.00554	0.000079	0.00019	0.000106	0.065	0.00000202	0.000307	0.000221	0.00109	0.00041
2048 Dec	0.000131	0.00101	0.0312	0.00000375	1.92	2.99	0.0169	0.000417	24.8	0.00163	0.00554	0.000079	0.00019	0.000106	0.065	0.00000202	0.000307	0.000221	0.00109	0.00041
2049 Jan	0.000131	0.00101	0.0312	0.00000375	1.92	2.99	0.0169	0.000417	24.8	0.00163	0.00554	0.000079	0.00019	0.000106	0.065	0.00000202	0.000307	0.000221	0.00109	0.00041
2049 Feb	0.000131	0.00101	0.0312	0.00000375	1.92	2.99	0.0169	0.000417	24.8	0.00163	0.00554	0.000079	0.00019	0.000106	0.065	0.00000202	0.000307	0.000221	0.00109	0.00041
2049 Mar	0.000131	0.00101	0.0312	0.00000375	1.92	2.99	0.0169	0.000417	24.8	0.00163	0.00554	0.000079	0.00019	0.000106	0.065	0.00000202	0.000307	0.000221	0.00109	0.00041
2049 Apr	0.000131	0.00101	0.0312	0.00000375	1.92	2.99	0.0169	0.000417	24.8	0.00163	0.00554	0.000079	0.00019	0.000107	0.0651	0.00000202	0.000308	0.000221	0.00109	0.00041
2049 May	0.000131	0.00101	0.0313	0.00000376	1.93	3	0.0169	0.000418	24.9	0.00163	0.00554	0.0000791	0.00019	0.000107	0.0651	0.00000202	0.000308	0.000222	0.00109	0.000411
2049 Jun	0.000132	0.00101	0.0318	0.0000038	1.92	3	0.017	0.000417	24.8	0.00163	0.00556	0.00008	0.000191	0.000106	0.0653	0.00000201	0.000306	0.000225	0.00109	0.00041
2049 Jul	0.000132	0.00101	0.0321	0.00000383	1.93	3.01	0.0171	0.000417	24.9	0.00164	0.00558	0.0000804	0.000192	0.000107	0.0655	0.00000201	0.000306	0.000226	0.0011	0.000411
2049 Aug	0.000132	0.00101	0.0322	0.00000385	1.93	3.02	0.0172	0.000419	25	0.00164	0.0056	0.0000807	0.000192	0.000107	0.0657	0.00000202	0.000307	0.000227	0.0011	0.000413
2049 Sep	0.000132	0.00101	0.0322	0.00000385	1.93	3.02	0.0172	0.000419	24.9	0.00164	0.0056	0.0000806	0.000193	0.000107	0.0658	0.00000202	0.000307	0.000227	0.0011	0.000413
2049 Oct	0.000132	0.00101	0.0323	0.00000386	1.93	3.02	0.0172	0.00042	24.9	0.00164	0.0056	0.0000807	0.000193	0.000107	0.0658	0.00000202	0.000307	0.000227	0.0011	0.000413
2049 Nov	0.000132	0.00101	0.0323	0.00000386	1.93	3.02	0.0172	0.00042	24.9	0.00164	0.00561	0.0000807	0.000193	0.000107	0.0658	0.00000202	0.000307	0.000227	0.0011	0.000413
2049 Dec	0.000132	0.00101	0.0323	0.00000386	1.93	3.02	0.0172	0.00042	24.9	0.00164	0.00561	0.0000807	0.000193	0.000107	0.0658	0.00000202	0.000307	0.000227	0.0011	0.000413
2050 Jan	0.000132	0.00101	0.0323	0.00000386	1.93	3.02	0.0172	0.00042	24.9	0.00164	0.00561	0.0000807	0.000193	0.000107	0.0658	0.00000202	0.000307	0.000227	0.0011	0.000413
2050 Feb	0.000132	0.00101	0.0323	0.00000386	1.93	3.02	0.0172	0.00042	24.9	0.00164	0.00561	0.0000807	0.000193	0.000107	0.0658	0.00000202	0.000307	0.000227	0.0011	0.000413
2050 Mar	0.000132	0.00101	0.0323	0.00000386	1.93	3.02	0.0172	0.00042	24.9	0.00164	0.00561	0.0000807	0.000193	0.000107	0.0658	0.00000202	0.000307	0.000227	0.0011	0.000413
2050 Apr	0.000132	0.00101	0.0323	0.00000386	1.93	3.02	0.0172	0.00042	24.9	0.00164	0.00561	0.0000807	0.000193	0.000107	0.0658	0.00000202	0.000307	0.000227	0.0011	0.000413
2050 May	0.000133	0.00101	0.0324	0.00000387	1.93	3.02	0.0172	0.00042	25	0.00164	0.00561	0.0000808	0.000193	0.000107	0.0659	0.00000202	0.000307	0.000227	0.0011	0.000413
2050 Jun	0.000133	0.00101	0.0329	0.00000391	1.93	3.03	0.0174	0.00042	24.9	0.00164	0.00563	0.0000819	0.000194	0.000107	0.0661	0.00000202	0.000306	0.00023	0.00111	0.000413
2050 Jul	0.000133	0.00101	0.0332	0.00000394	1.93	3.03	0.0174	0.00042	24.9	0.00165	0.00564	0.0000823	0.000194	0.000107	0.0663	0.00000201	0.000305	0.000232	0.00111	0.000413

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Aug	0.000134	0.00101	0.0333	0.00000395	1.94	3.04	0.0175	0.000421	25	0.00165	0.00566	0.0000825	0.000195	0.000107	0.0664	0.00000202	0.000306	0.000232	0.00111	0.000415
2050 Sep	0.000134	0.00101	0.0333	0.00000396	1.94	3.04	0.0175	0.000421	25	0.00165	0.00566	0.0000825	0.000195	0.000107	0.0665	0.00000202	0.000306	0.000232	0.00112	0.000415
2050 Oct	0.000134	0.00101	0.0333	0.00000396	1.94	3.05	0.0175	0.000422	25	0.00165	0.00567	0.0000825	0.000195	0.000107	0.0665	0.00000202	0.000306	0.000233	0.00112	0.000415
2050 Nov	0.000134	0.00101	0.0334	0.00000396	1.94	3.05	0.0175	0.000422	25	0.00165	0.00567	0.0000826	0.000195	0.000107	0.0665	0.00000202	0.000306	0.000233	0.00112	0.000415
2050 Dec	0.000134	0.00101	0.0334	0.00000396	1.94	3.05	0.0175	0.000422	25	0.00165	0.00567	0.0000826	0.000195	0.000107	0.0665	0.00000202	0.000306	0.000233	0.00112	0.000415
2051 Jan	0.000134	0.00101	0.0334	0.00000396	1.94	3.05	0.0175	0.000422	25	0.00165	0.00567	0.0000826	0.000195	0.000107	0.0665	0.00000202	0.000306	0.000233	0.00112	0.000415
2051 Feb	0.000134	0.00101	0.0334	0.00000396	1.94	3.05	0.0175	0.000422	25	0.00165	0.00567	0.0000826	0.000195	0.000107	0.0666	0.00000202	0.000306	0.000233	0.00112	0.000415
2051 Mar	0.000134	0.00101	0.0334	0.00000396	1.94	3.05	0.0175	0.000422	25	0.00165	0.00567	0.0000826	0.000195	0.000107	0.0666	0.00000202	0.000306	0.000233	0.00112	0.000415
2051 Apr	0.000134	0.00101	0.0334	0.00000396	1.94	3.05	0.0175	0.000422	25	0.00165	0.00567	0.0000826	0.000195	0.000107	0.0666	0.00000202	0.000306	0.000233	0.00112	0.000415
2051 May	0.000134	0.00102	0.0334	0.00000397	1.94	3.05	0.0175	0.000422	25.1	0.00166	0.00568	0.0000828	0.000195	0.000107	0.0667	0.00000202	0.000306	0.000233	0.00112	0.000416
2051 Jun	0.000135	0.00101	0.0344	0.00000403	1.94	3.06	0.0178	0.000421	25	0.00166	0.00571	0.0000854	0.000196	0.000107	0.0671	0.00000201	0.000304	0.000238	0.00112	0.000415
2051 Jul	0.000136	0.00101	0.0346	0.00000405	1.94	3.07	0.0179	0.000422	25	0.00166	0.00572	0.0000858	0.000197	0.000107	0.0673	0.00000202	0.000304	0.00024	0.00113	0.000416
2051 Aug	0.000136	0.00101	0.0347	0.00000406	1.95	3.07	0.0179	0.000423	25	0.00166	0.00573	0.0000859	0.000197	0.000108	0.0674	0.00000202	0.000304	0.00024	0.00113	0.000417
2051 Sep	0.000136	0.00101	0.0348	0.00000408	1.95	3.08	0.018	0.000423	25	0.00166	0.00574	0.0000859	0.000197	0.000108	0.0675	0.00000202	0.000304	0.00024	0.00113	0.000417
2051 Oct	0.000136	0.00101	0.035	0.00000409	1.94	3.08	0.018	0.000423	25	0.00166	0.00574	0.0000861	0.000197	0.000107	0.0675	0.00000201	0.000303	0.000241	0.00113	0.000416
2051 Nov	0.000136	0.00101	0.0351	0.0000041	1.94	3.08	0.018	0.000423	25	0.00166	0.00575	0.0000861	0.000197	0.000107	0.0676	0.00000201	0.000303	0.000241	0.00113	0.000416
2051 Dec	0.000136	0.00101	0.0351	0.0000041	1.94	3.08	0.018	0.000423	25	0.00166	0.00575	0.0000861	0.000197	0.000107	0.0676	0.00000201	0.000303	0.000241	0.00113	0.000417
2052 Jan	0.000136	0.00101	0.0351	0.0000041	1.94	3.08	0.018	0.000423	25	0.00166	0.00575	0.0000861	0.000197	0.000107	0.0676	0.00000201	0.000303	0.000241	0.00113	0.000417
2052 Feb	0.000136	0.00101	0.0351	0.0000041	1.94	3.08	0.018	0.000423	25	0.00166	0.00575	0.0000861	0.000197	0.000107	0.0676	0.00000201	0.000303	0.000241	0.00113	0.000417
2052 Mar	0.000136	0.00101	0.0351	0.0000041	1.94	3.08	0.018	0.000423	25	0.00166	0.00575	0.0000861	0.000197	0.000107	0.0676	0.00000201	0.000303	0.000241	0.00113	0.000417
2052 Apr	0.000136	0.00101	0.0351	0.0000041	1.94	3.08	0.018	0.000423	25	0.00166	0.00575	0.0000861	0.000197	0.000107	0.0676	0.00000201	0.000303	0.000241	0.00113	0.000417
2052 May	0.000136	0.00101	0.0352	0.0000041	1.95	3.08	0.018	0.000424	25	0.00166	0.00575	0.0000865	0.000198	0.000108	0.0677	0.00000201	0.000303	0.000242	0.00113	0.000417
2052 Jun	0.000137	0.00101	0.0358	0.00000414	1.95	3.09	0.0183	0.000424	25	0.00167	0.00578	0.0000884	0.000198	0.000108	0.068	0.00000201	0.000302	0.000245	0.00114	0.000417
2052 Jul	0.000138	0.00101	0.036	0.00000416	1.95	3.1	0.0183	0.000425	25	0.00167	0.00579	0.0000887	0.000199	0.000108	0.0682	0.00000201	0.000303	0.000246	0.00114	0.000418
2052 Aug	0.000138	0.00102	0.0361	0.00000417	1.95	3.1	0.0184	0.000426	25.1	0.00167	0.0058	0.0000888	0.000199	0.000108	0.0683	0.00000202	0.000303	0.000246	0.00114	0.000419
2052 Sep	0.000138	0.00102	0.0361	0.00000418	1.95	3.11	0.0184	0.000426	25.1	0.00167	0.00581	0.0000889	0.000199	0.000108	0.0684	0.00000202	0.000303	0.000247	0.00114	0.000419
2052 Oct	0.000138	0.00102	0.0362	0.00000419	1.96	3.11	0.0184	0.000426	25.1	0.00168	0.00581	0.0000889	0.000199	0.000108	0.0685	0.00000202	0.000303	0.000247	0.00114	0.000419
2052 Nov	0.000138	0.00102	0.0362	0.00000419	1.96	3.11	0.0184	0.000426	25.1	0.00168	0.00581	0.000089	0.000199	0.000108	0.0685	0.00000202	0.000304	0.000247	0.00114	0.000419
2052 Dec	0.000138	0.00102	0.0362	0.00000419	1.96	3.11	0.0184	0.000426	25.1	0.00168	0.00581	0.000089	0.000199	0.000108	0.0685	0.00000202	0.000304	0.000247	0.00114	0.000419
2053 Jan	0.000138	0.00102	0.0362	0.00000419	1.96	3.11	0.0184	0.000426	25.1	0.00168	0.00581	0.000089	0.000199	0.000108	0.0685	0.00000202	0.000304	0.000247	0.00114	0.000419
2053 Feb	0.000138	0.00102	0.0362	0.00000419	1.96	3.11	0.0184	0.000426	25.1	0.00168	0.00581	0.000089	0.000199	0.000108	0.0685	0.00000202	0.000304	0.000247	0.00114	0.000419
2053 Mar	0.000138	0.00102	0.0362	0.00000419	1.96	3.11	0.0184	0.000426	25.1	0.00168	0.00581	0.000089	0.000199	0.000108	0.0685	0.00000202	0.000304	0.000247	0.00114	0.000419
2053 Apr	0.000138	0.00102	0.0362	0.00000419	1.96	3.11	0.0184	0.000427	25.1	0.00168	0.00581	0.000089	0.0002	0.000108	0.0685	0.00000202	0.000304	0.000247	0.00114	0.000419
2053 May	0.000139	0.00102	0.0365	0.0000042	1.96	3.12	0.0185	0.000427	25.1	0.00168	0.00583	0.0000902	0.0002	0.000108	0.0687	0.00000202	0.000303	0.000249	0.00114	0.000419
2053 Jun	0.000141	0.00102	0.0375	0.00000425	1.96	3.13	0.0189	0.000426	25.1	0.00168	0.00585	0.0000933	0.000201	0.000108	0.0692	0.00000201	0.000301	0.000253	0.00115	0.000419
2053 Jul	0.000141	0.00102	0.0376	0.00000427	1.96	3.14	0.019	0.000427	25.1	0.00168	0.00587	0.0000936	0.000201	0.000109	0.0694	0.00000202	0.000302	0.000255	0.00115	0.00042
2053 Aug	0.000141	0.00102	0.0377	0.00000428	1.97	3.15	0.019	0.000429	25.2	0.00169	0.00589	0.0000939	0.000202	0.000109	0.0696	0.00000202	0.000303	0.000255	0.00116	0.000421
2053 Sep	0.000142	0.00102	0.0378	0.00000429	1.97	3.15	0.0191	0.00043	25.2	0.00169	0.0059	0.000094	0.000202	0.000109	0.0698	0.00000203	0.000304	0.000256	0.00116	0.000422
2053 Oct	0.000142	0.00102	0.0378	0.00000429	1.97	3.15	0.0191	0.00043	25.2	0.00169	0.0059	0.0000941	0.000202	0.000109	0.0698	0.00000203	0.000304	0.000256	0.00116	0.000422
2053 Nov	0.000142	0.00102	0.0378	0.0000043	1.97	3.15	0.0191	0.00043	25.2	0.00169	0.0059	0.0000941	0.000202	0.000109	0.0698	0.00000203	0.000304	0.000256	0.00116	0.000422
2053 Dec	0.000142	0.00102	0.0378	0.0000043	1.97	3.15	0.0191	0.00043	25.2	0.00169	0.0059	0.0000941	0.000202	0.000109	0.0698	0.00000203	0.000304	0.000256	0.00116	0.000422
2054 Jan	0.000142	0.00102	0.0378	0.0000043	1.97	3.16	0.0191	0.00043	25.2	0.00169	0.0059	0.0000941	0.000202	0.000109	0.0698	0.00000203	0.000304	0.000256	0.00116	0.000422
2054 Feb	0.000142	0.00102	0.0378	0.0000043	1.97	3.16	0.0191	0.00043	25.2	0.00169	0.0059	0.0000941	0.000202	0.000109	0.0698	0.00000203	0.000304	0.000256	0.00116	0.000422
2054 Mar	0.000142	0.00102	0.0378	0.0000043	1.97	3.16	0.0191	0.00043	25.2	0.00169	0.0059	0.0000941	0.000202	0.000109	0.0698	0.00000203	0.000304	0.000256	0.00116	0.000422
2054 Apr	0.000142	0.00102	0.0379	0.0000043	1.97	3.16	0.0191	0.00043	25.3	0.00169	0.0059	0.0000941	0.000202	0.000109	0.0698	0.00000203	0.000304	0.000256	0.00116	0.000423
2054 May	0.000142	0.00103	0.0379	0.0000043	1.98	3.16	0.0191	0.00043	25.3	0.0017	0.00591	0.0000944	0.000203	0.000109	0.0699	0.00000203	0.000304	0.000256	0.00116	0.000423
2054 Jun	0.000143	0.00102	0.0386	0.00000434	1.97	3.16	0.0194	0.000429	25.2	0.0017	0.00593	0.0000967	0.000203	0.000109	0.0702	0.00000202	0.000303	0.00026	0.00116	0.000422
2054 Jul	0.000143	0.00102	0.0389	0.00000436	1.97	3.17	0.0194	0.00043	25.2	0.0017	0.00594	0.0000971	0.000204	0.000109	0.0704	0.00000202	0.000302	0.000261	0.00116	0.000422
2054 Aug	0.000144	0.00102	0.039	0.00000437	1.98	3.17	0.0195	0.00043	25.2	0.0017	0.00595	0.0000972	0.000204	0.000109	0.0705	0.00000203	0.000303	0.000262	0.00117	0.000423
2054 Sep	0.000144	0.00102	0.039	0.00000438	1.98	3.18	0.0195	0.000431	25.2	0.0017	0.00595	0.0000973	0.000204	0.000109	0.0706	0.00000203	0.000303	0.000262	0.00117	0.000423
2054 Oct	0.000144	0.00102	0.0391	0.00000439	1.98	3.18	0.0195	0.000431	25.2	0.0017	0.00596	0.0000974	0.000204	0.000109	0.0706	0.00000202	0.000303	0.000262	0.00117	0.000423
2054 Nov	0.000144	0.00102	0.0391	0.00000439	1.98	3.18	0.0195	0.000431	25.2	0.0017	0.00596	0.0000974	0.000204	0.000109	0.0706	0.00000202	0.000303	0.000262	0.00117	0.000423
2054 Dec	0.000144	0.00102	0.0391	0.00000439	1.98	3.18	0.0195	0.000431	25.2	0.0017	0.00596	0.0000974	0.000204	0.000109	0.0706	0.00000202	0.000303	0.000262	0.00117	0.000423
2055 Jan	0.000144	0.00102	0.0391	0.00000439	1.98	3.18	0.0195	0.000431	25.2	0.0017	0.00596	0.0000974	0.000204	0.000109	0.0706	0.00000202	0.000303	0.000262	0.00117	0.000423
2055 Feb	0.000144	0.00102	0.0391	0.00000439	1.98	3.18	0.0195	0.000431	25.2	0.0017	0.00596	0.0000974	0.000204	0.000109	0.0706	0.00000202	0.000303	0.000262	0.00117	0.000423
2055 Mar	0.000144	0.00102	0.0391	0.00000439	1.98	3.18	0.0195	0.000431	25.2	0.0017	0.00596	0.0000974	0.000204	0.000109	0.0706	0.00000202	0.000303	0.000262	0.00117	0.000423
2055 Apr	0.000144	0.00102	0.0392	0.00000439	1.98	3.18	0.0195	0.000431	25.2	0.0017	0.00596	0.0000974	0.000204	0.000109	0.0706	0.00000203	0.000303	0.000262	0.00117	0.000423
2055 May	0.000144	0.00103	0.0392	0.0000044	1.98	3.18	0.0195	0.000432	25.2	0.0017	0.00596	0.0000975	0.000204	0.00011	0.0707	0.00000203	0.000303	0.000263	0.00117	0.000424
2055 Jun	0.000144	0.00102	0.0397	0.00000444	1.97	3.18	0.0196	0.00043	25.1	0.0017	0.00598	0.0000983	0.000205	0.000109	0.0708	0.00000202	0.000301	0.000265	0.00117	0.000422
2055 Jul	0.000144	0.00102	0.04	0.00000447	1.97	3.19	0.0197	0.000431	25.1	0.0017	0.006	0.0000988	0.000206	0.000109	0.071	0.00000202	0.0003	0.000267	0.00118	0.000423
2055 Aug	0.000145	0.00102	0.0401	0.00000448	1.98	3.2	0.0197	0.000432	25.2	0.00171	0.00602	0.000099	0.000206	0.00011	0.0711	0.00000203	0.000301	0.000267	0.00118	0.000424
2055 Sep	0.000145	0.00103	0.0401	0.00000449	1.98	3.2	0.0197	0.000432	25.2	0.00171	0.00602	0.0000989	0.000206	0.00011	0.0712	0.00000203	0.000302	0.000268	0.00118	0.000424
2055 Oct	0.000145	0.00103	0.0402	0.00000449	1.98	3.2	0.0198	0.000433	25.2	0.00171	0.00602	0.000099	0.000206	0.00011	0.0712	0.00000203	0.000302	0.000268	0.00118	0.000425
2055 Nov	0.000145	0.00103	0.0402	0.00000449	1.98	3.2	0.0198	0.000433	25.2	0.00171	0.00602	0.000099	0.000206	0.00011	0.0712	0.00000203	0.000302	0.000268	0.00118	0.000425
2055 Dec	0.000145	0.00103	0.0402	0.00000449	1.98	3.2	0.0198	0.000433	25.2	0.00171	0.00602	0.000099	0.000206	0.00011	0.0712	0.00000203	0.000302	0.000268	0.00118	0.000425
2056 Jan	0.000145	0.00103	0.0402	0.00000449	1.98	3.2	0.0198	0.000433	25.2	0.00171	0.00602	0.000099	0.000206	0.00011	0.0712	0.00000203	0.000302	0.000268	0.00118	0.000425
2056 Feb	0.000145	0.00103	0.0402	0.00000449	1.98	3.2	0.0198	0.000433	25.2	0.00171	0.00602	0.000099	0.000206	0.00011	0.0712	0.00000203	0.000302	0.000268	0.00118	0.000425

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.000145	0.00103	0.0402	0.00000449	1.98	3.2	0.0198	0.000433	25.2	0.00171	0.00602	0.000099	0.000206	0.00011	0.0712	0.00000203	0.000302	0.000268	0.00118	0.000425
2056 Apr	0.000145	0.00103	0.0402	0.00000449	1.98	3.2	0.0198	0.000433	25.2	0.00171	0.00602	0.000099	0.000207	0.00011	0.0712	0.00000203	0.000302	0.000268	0.00118	0.000425
2056 May	0.000145	0.00103	0.0404	0.00000451	1.98	3.2	0.0199	0.000433	25.2	0.00171	0.00604	0.0000998	0.000207	0.00011	0.0714	0.00000203	0.000302	0.000269	0.00118	0.000425
2056 Jun	0.000147	0.00103	0.0413	0.00000455	1.98	3.21	0.0202	0.000432	25.1	0.00171	0.00606	0.000103	0.000207	0.00011	0.0719	0.00000202	0.0003	0.000274	0.00119	0.000424
2056 Jul	0.000148	0.00103	0.0414	0.00000457	1.99	3.22	0.0203	0.000433	25.2	0.00172	0.00608	0.000103	0.000208	0.00011	0.0721	0.00000203	0.000301	0.000275	0.00119	0.000425
2056 Aug	0.000148	0.00103	0.0415	0.00000458	1.99	3.23	0.0203	0.000434	25.2	0.00172	0.00609	0.000103	0.000208	0.00011	0.0722	0.00000203	0.000302	0.000275	0.00119	0.000426
2056 Sep	0.000148	0.00103	0.0416	0.00000459	1.99	3.23	0.0203	0.000435	25.3	0.00173	0.0061	0.000103	0.000209	0.00011	0.0723	0.00000203	0.000302	0.000275	0.00119	0.000427
2056 Oct	0.000148	0.00103	0.0416	0.00000459	1.99	3.23	0.0203	0.000435	25.2	0.00173	0.0061	0.000103	0.000209	0.00011	0.0723	0.00000203	0.000302	0.000275	0.00119	0.000427
2056 Nov	0.000148	0.00103	0.0416	0.00000459	1.99	3.23	0.0203	0.000435	25.2	0.00173	0.0061	0.000103	0.000209	0.00011	0.0723	0.00000203	0.000302	0.000275	0.00119	0.000427
2056 Dec	0.000148	0.00103	0.0416	0.00000459	1.99	3.23	0.0203	0.000435	25.2	0.00173	0.0061	0.000103	0.000209	0.00011	0.0723	0.00000203	0.000302	0.000275	0.00119	0.000427
2057 Jan	0.000148	0.00103	0.0416	0.00000459	1.99	3.23	0.0203	0.000435	25.2	0.00173	0.0061	0.000103	0.000209	0.00011	0.0723	0.00000203	0.000302	0.000275	0.00119	0.000427
2057 Feb	0.000148	0.00103	0.0416	0.00000459	1.99	3.23	0.0203	0.000435	25.2	0.00173	0.0061	0.000103	0.000209	0.00011	0.0723	0.00000203	0.000302	0.000275	0.00119	0.000427
2057 Mar	0.000148	0.00103	0.0416	0.00000459	1.99	3.23	0.0203	0.000435	25.2	0.00173	0.0061	0.000103	0.000209	0.00011	0.0723	0.00000203	0.000302	0.000275	0.00119	0.000427
2057 Apr	0.000148	0.00103	0.0417	0.00000459	1.99	3.23	0.0203	0.000435	25.2	0.00173	0.0061	0.000104	0.000209	0.00011	0.0724	0.00000203	0.000302	0.000276	0.00119	0.000427
2057 May	0.000148	0.00103	0.0417	0.0000046	2	3.24	0.0204	0.000436	25.3	0.00173	0.00611	0.000104	0.000209	0.000111	0.0725	0.00000204	0.000302	0.000276	0.0012	0.000427
2057 Jun	0.000149	0.00103	0.0425	0.00000464	1.99	3.24	0.0206	0.000435	25.2	0.00173	0.00613	0.000106	0.00021	0.00011	0.0728	0.00000203	0.0003	0.00028	0.0012	0.000426
2057 Jul	0.00015	0.00103	0.0427	0.00000466	2	3.25	0.0207	0.000435	25.2	0.00173	0.00615	0.000106	0.00021	0.000111	0.0729	0.00000203	0.0003	0.000281	0.0012	0.000426
2057 Aug	0.00015	0.00104	0.0429	0.00000468	2	3.26	0.0208	0.000437	25.3	0.00174	0.00617	0.000107	0.000211	0.000111	0.0732	0.00000204	0.000302	0.000282	0.00121	0.000428
2057 Sep	0.00015	0.00104	0.0429	0.00000469	2.01	3.27	0.0208	0.000438	25.3	0.00174	0.00618	0.000107	0.000211	0.000111	0.0733	0.00000204	0.000302	0.000283	0.00121	0.000429
2057 Oct	0.00015	0.00104	0.0429	0.00000469	2.01	3.27	0.0208	0.000438	25.3	0.00174	0.00618	0.000107	0.000211	0.000111	0.0733	0.00000204	0.000302	0.000283	0.00121	0.000429
2057 Nov	0.000151	0.00104	0.0429	0.00000469	2.01	3.27	0.0208	0.000438	25.3	0.00174	0.00618	0.000107	0.000212	0.000111	0.0734	0.00000204	0.000303	0.000283	0.00121	0.000429
2057 Dec	0.000151	0.00104	0.0429	0.0000047	2.01	3.27	0.0208	0.000438	25.3	0.00174	0.00618	0.000107	0.000212	0.000111	0.0734	0.00000204	0.000303	0.000283	0.00121	0.000429
2058 Jan	0.000151	0.00104	0.0429	0.0000047	2.01	3.27	0.0208	0.000438	25.3	0.00174	0.00618	0.000107	0.000212	0.000111	0.0734	0.00000204	0.000303	0.000283	0.00121	0.000429
2058 Feb	0.000151	0.00104	0.0429	0.0000047	2.01	3.27	0.0208	0.000438	25.3	0.00174	0.00618	0.000107	0.000212	0.000111	0.0734	0.00000204	0.000303	0.000283	0.00121	0.000429
2058 Mar	0.000151	0.00104	0.0429	0.0000047	2.01	3.27	0.0208	0.000438	25.3	0.00174	0.00618	0.000107	0.000212	0.000111	0.0734	0.00000204	0.000303	0.000283	0.00121	0.000429
2058 Apr	0.000151	0.00104	0.043	0.0000047	2.01	3.27	0.0208	0.000438	25.3	0.00174	0.00618	0.000107	0.000212	0.000111	0.0734	0.00000204	0.000303	0.000283	0.00121	0.000429
2058 May	0.000151	0.00104	0.0432	0.00000471	2.01	3.27	0.0209	0.000439	25.3	0.00174	0.0062	0.000108	0.000212	0.000111	0.0736	0.00000204	0.000302	0.000284	0.00121	0.000429
2058 Jun	0.000153	0.00103	0.0444	0.00000476	2	3.28	0.0214	0.000436	25.2	0.00174	0.00622	0.000112	0.000212	0.000111	0.0741	0.00000203	0.000299	0.000291	0.00122	0.000427
2058 Jul	0.000154	0.00104	0.0446	0.00000478	2.01	3.29	0.0215	0.000437	25.2	0.00175	0.00624	0.000113	0.000213	0.000111	0.0743	0.00000204	0.0003	0.000292	0.00122	0.000428
2058 Aug	0.000154	0.00104	0.0447	0.00000479	2.01	3.3	0.0215	0.000439	25.3	0.00175	0.00625	0.000113	0.000214	0.000112	0.0745	0.00000204	0.000301	0.000292	0.00122	0.000429
2058 Sep	0.000154	0.00104	0.0448	0.0000048	2.01	3.3	0.0216	0.000439	25.3	0.00175	0.00626	0.000113	0.000214	0.000112	0.0745	0.00000204	0.000301	0.000293	0.00122	0.00043
2058 Oct	0.000154	0.00104	0.0448	0.00000481	2.01	3.3	0.0216	0.000439	25.3	0.00175	0.00626	0.000113	0.000214	0.000112	0.0746	0.00000204	0.000301	0.000293	0.00122	0.00043
2058 Nov	0.000154	0.00104	0.0449	0.00000481	2.01	3.3	0.0216	0.00044	25.3	0.00175	0.00626	0.000113	0.000214	0.000112	0.0746	0.00000204	0.000301	0.000293	0.00122	0.00043
2058 Dec	0.000154	0.00104	0.0449	0.00000481	2.01	3.3	0.0216	0.00044	25.3	0.00175	0.00626	0.000113	0.000214	0.000112	0.0746	0.00000204	0.000301	0.000293	0.00122	0.00043
2059 Jan	0.000154	0.00104	0.0449	0.00000481	2.01	3.3	0.0216	0.00044	25.3	0.00175	0.00626	0.000113	0.000214	0.000112	0.0746	0.00000204	0.000301	0.000293	0.00122	0.00043
2059 Feb	0.000154	0.00104	0.0449	0.00000481	2.01	3.3	0.0216	0.00044	25.3	0.00175	0.00626	0.000113	0.000214	0.000112	0.0746	0.00000204	0.000301	0.000293	0.00122	0.00043
2059 Mar	0.000154	0.00104	0.0449	0.00000481	2.01	3.3	0.0216	0.00044	25.3	0.00175	0.00626	0.000113	0.000214	0.000112	0.0746	0.00000204	0.000301	0.000293	0.00122	0.00043
2059 Apr	0.000154	0.00104	0.0449	0.00000481	2.01	3.3	0.0216	0.00044	25.3	0.00175	0.00626	0.000113	0.000214	0.000112	0.0746	0.00000204	0.000301	0.000293	0.00122	0.00043
2059 May	0.000155	0.00104	0.045	0.00000482	2.02	3.31	0.0217	0.00044	25.3	0.00175	0.00627	0.000114	0.000214	0.000112	0.0748	0.00000204	0.000301	0.000294	0.00123	0.00043
2059 Jun	0.000156	0.00104	0.0457	0.00000485	2.02	3.32	0.0219	0.00044	25.2	0.00176	0.0063	0.000116	0.000215	0.000112	0.0752	0.00000204	0.0003	0.000298	0.00123	0.000429
2059 Jul	0.000157	0.00104	0.0459	0.00000487	2.02	3.33	0.022	0.000441	25.3	0.00176	0.00632	0.000117	0.000216	0.000112	0.0755	0.00000205	0.000301	0.000299	0.00123	0.000431
2059 Aug	0.000157	0.00105	0.0461	0.00000489	2.03	3.34	0.0221	0.000443	25.4	0.00177	0.00634	0.000117	0.000216	0.000113	0.0757	0.00000206	0.000302	0.0003	0.00124	0.000433
2059 Sep	0.000158	0.00105	0.0461	0.0000049	2.03	3.35	0.0221	0.000444	25.4	0.00177	0.00635	0.000117	0.000216	0.000113	0.0758	0.00000206	0.000303	0.0003	0.00124	0.000433
2059 Oct	0.000157	0.00105	0.0461	0.0000049	2.03	3.34	0.0221	0.000443	25.4	0.00177	0.00634	0.000117	0.000216	0.000113	0.0757	0.00000205	0.000302	0.0003	0.00124	0.000432
2059 Nov	0.000157	0.00105	0.0462	0.0000049	2.03	3.34	0.0221	0.000443	25.3	0.00177	0.00634	0.000117	0.000216	0.000113	0.0757	0.00000205	0.000302	0.0003	0.00124	0.000432
2059 Dec	0.000157	0.00105	0.0462	0.0000049	2.03	3.34	0.0221	0.000443	25.3	0.00177	0.00634	0.000117	0.000216	0.000113	0.0757	0.00000205	0.000302	0.0003	0.00124	0.000432
2060 Jan	0.000157	0.00105	0.0462	0.0000049	2.03	3.34	0.0221	0.000443	25.3	0.00177	0.00634	0.000117	0.000216	0.000113	0.0757	0.00000205	0.000302	0.0003	0.00124	0.000432
2060 Feb	0.000157	0.00105	0.0462	0.0000049	2.03	3.34	0.0221	0.000443	25.3	0.00177	0.00634	0.000117	0.000216	0.000113	0.0757	0.00000205	0.000302	0.0003	0.00124	0.000432
2060 Mar	0.000157	0.00105	0.0462	0.0000049	2.03	3.34	0.0221	0.000443	25.3	0.00177	0.00634	0.000117	0.000216	0.000113	0.0757	0.00000205	0.000302	0.0003	0.00124	0.000432
2060 Apr	0.000157	0.00105	0.0462	0.0000049	2.03	3.34	0.0221	0.000443	25.4	0.00177	0.00635	0.000117	0.000216	0.000113	0.0757	0.00000205	0.000302	0.0003	0.00124	0.000433
2060 May	0.000158	0.00105	0.0466	0.00000492	2.03	3.35	0.0223	0.000443	25.3	0.00177	0.00636	0.000118	0.000216	0.000113	0.076	0.00000205	0.000302	0.000302	0.00124	0.000432
2060 Jun	0.00016	0.00105	0.0475	0.00000496	2.03	3.36	0.0226	0.000442	25.2	0.00177	0.00639	0.000122	0.000217	0.000113	0.0764	0.00000205	0.0003	0.000307	0.00124	0.000431
2060 Jul	0.000161	0.00105	0.0477	0.00000498	2.04	3.37	0.0227	0.000444	25.3	0.00178	0.00641	0.000122	0.000218	0.000113	0.0767	0.00000206	0.000301	0.000308	0.00125	0.000433
2060 Aug	0.000161	0.00105	0.0478	0.000005	2.04	3.38	0.0228	0.000445	25.4	0.00178	0.00642	0.000122	0.000218	0.000114	0.0769	0.00000206	0.000302	0.000309	0.00125	0.000434
2060 Sep	0.000161	0.00105	0.0479	0.00000501	2.04	3.37	0.0228	0.000445	25.3	0.00178	0.00642	0.000122	0.000218	0.000113	0.0769	0.00000206	0.000301	0.000308	0.00125	0.000433
2060 Oct	0.000161	0.00105	0.048	0.00000501	2.04	3.38	0.0228	0.000445	25.3	0.00178	0.00643	0.000122	0.000218	0.000113	0.0769	0.00000206	0.000301	0.000309	0.00125	0.000433
2060 Nov	0.000161	0.00105	0.048	0.00000502	2.04	3.38	0.0228	0.000445	25.3	0.00178	0.00643	0.000123	0.000218	0.000113	0.0769	0.00000206	0.000301	0.000309	0.00125	0.000433
2060 Dec	0.000161	0.00105	0.048	0.00000502	2.04	3.38	0.0228	0.000445	25.3	0.00178	0.00643	0.000123	0.000218	0.000113	0.077	0.00000206	0.000301	0.000309	0.00125	0.000433
2061 Jan	0.000161	0.00105	0.048	0.00000502	2.04	3.38	0.0228	0.000445	25.3	0.00178	0.00643	0.000123	0.000218	0.000113	0.077	0.00000206	0.000301	0.000309	0.00125	0.000433
2061 Feb	0.000161	0.00105	0.048	0.00000502	2.04	3.38	0.0228	0.000445	25.3	0.00178	0.00643	0.000123	0.000218	0.000113	0.077	0.00000206	0.000301	0.000309	0.00125	0.000433
2061 Mar	0.000161	0.00105	0.048	0.00000502	2.04	3.38	0.0228	0.000445	25.3	0.00178	0.00643	0.000123	0.000218	0.000113	0.077	0.00000206	0.000301	0.000309	0.00125	0.000433
2061 Apr	0.000161	0.00105	0.048	0.00000502	2.04	3.38	0.0228	0.000446	25.3	0.00178	0.00643	0.000123	0.000218	0.000113	0.077	0.00000206	0.000301	0.000309	0.00125	0.000433
2061 May	0.000162	0.00105	0.0485	0.00000504	2.04	3.38	0.023	0.000446	25.3	0.00178	0.00645	0.000124	0.000219	0.000114	0.0773	0.00000206	0.000301	0.000311	0.00125	0.000433
2061 Jun	0.000164	0.00105	0.0494	0.00000507	2.03	3.39	0.0234	0.000444	25.1	0.00178	0.00646	0.000128	0.000219	0.000113	0.0776	0.00000205	0.000298	0.000316	0.00126	0.000431
2061 Jul	0.000165	0.00105	0.0496	0.0000051	2.04	3.4	0.0235	0.000445	25.2	0.00179	0.00649	0.000128	0.00022	0.000114	0.0779	0.00000206	0.000299	0.000317	0.00126	0.000433
2061 Aug	0.000165	0.00106	0.0497	0.00000511	2.05	3.41	0.0235	0.000447	25.3	0.00179	0.00651	0.000128	0.00022	0.000114	0.0782	0.00000206	0.0003	0.000318	0.00126	0.000434
2061 Sep	0.000165	0.00106	0.0498	0.00000512	2.05	3.42	0.0235	0.000448	25.3	0.0018	0.00651	0.000128	0.000221	0.000114	0.0783	0.00000206	0.000301	0.000319	0.00126	0.000435

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Oct	0.000165	0.00106	0.0498	0.00000512	2.05	3.41	0.0235	0.000447	25.3	0.00179	0.00651	0.000128	0.00022	0.000114	0.0782	0.00000206	0.0003	0.000318	0.00126	0.000434
2061 Nov	0.000165	0.00106	0.0498	0.00000512	2.05	3.41	0.0235	0.000447	25.2	0.00179	0.00651	0.000128	0.00022	0.000114	0.0782	0.00000206	0.0003	0.000318	0.00126	0.000434
2061 Dec	0.000165	0.00106	0.0498	0.00000512	2.05	3.41	0.0235	0.000447	25.2	0.00179	0.00651	0.000128	0.00022	0.000114	0.0782	0.00000206	0.0003	0.000318	0.00126	0.000434
2062 Jan	0.000165	0.00106	0.0498	0.00000512	2.05	3.41	0.0235	0.000447	25.2	0.00179	0.00651	0.000128	0.00022	0.000114	0.0782	0.00000206	0.0003	0.000318	0.00126	0.000434
2062 Feb	0.000165	0.00106	0.0498	0.00000512	2.05	3.41	0.0235	0.000447	25.2	0.00179	0.00651	0.000128	0.00022	0.000114	0.0782	0.00000206	0.0003	0.000318	0.00126	0.000434
2062 Mar	0.000165	0.00106	0.0498	0.00000512	2.05	3.41	0.0235	0.000447	25.2	0.00179	0.00651	0.000128	0.00022	0.000114	0.0782	0.00000206	0.0003	0.000318	0.00126	0.000434
2062 Apr	0.000165	0.00106	0.0498	0.00000513	2.05	3.41	0.0235	0.000448	25.2	0.00179	0.00651	0.000128	0.00022	0.000114	0.0782	0.00000206	0.0003	0.000318	0.00126	0.000434
2062 May	0.000165	0.00106	0.0499	0.00000513	2.05	3.41	0.0235	0.000448	25.3	0.0018	0.00652	0.000128	0.000221	0.000114	0.0783	0.00000206	0.0003	0.000319	0.00126	0.000434
2062 Jun	0.000165	0.00105	0.0503	0.00000517	2.04	3.41	0.0236	0.000446	25.1	0.00179	0.00653	0.000129	0.000221	0.000114	0.0783	0.00000206	0.000298	0.000321	0.00127	0.000433
2062 Jul	0.000166	0.00105	0.0507	0.0000052	2.04	3.42	0.0237	0.000446	25.1	0.00179	0.00655	0.00013	0.000222	0.000114	0.0785	0.00000206	0.000298	0.000323	0.00127	0.000433
2062 Aug	0.000166	0.00105	0.0508	0.00000521	2.04	3.42	0.0238	0.000447	25.1	0.0018	0.00656	0.00013	0.000222	0.000114	0.0786	0.00000206	0.000298	0.000323	0.00127	0.000433
2062 Sep	0.000166	0.00105	0.0509	0.00000522	2.04	3.42	0.0238	0.000447	25.1	0.0018	0.00657	0.00013	0.000222	0.000114	0.0787	0.00000206	0.000298	0.000324	0.00127	0.000433
2062 Oct	0.000166	0.00105	0.0511	0.00000523	2.04	3.42	0.0238	0.000447	25	0.00179	0.00657	0.000131	0.000222	0.000114	0.0786	0.00000205	0.000297	0.000324	0.00127	0.000432
2062 Nov	0.000166	0.00105	0.0511	0.00000524	2.04	3.42	0.0238	0.000447	25	0.00179	0.00657	0.000131	0.000222	0.000114	0.0787	0.00000205	0.000297	0.000324	0.00127	0.000432
2062 Dec	0.000166	0.00105	0.0511	0.00000524	2.04	3.42	0.0238	0.000447	25	0.00179	0.00657	0.000131	0.000222	0.000114	0.0787	0.00000205	0.000297	0.000324	0.00127	0.000432
2063 Jan	0.000166	0.00105	0.0511	0.00000524	2.04	3.42	0.0238	0.000447	25	0.00179	0.00657	0.000131	0.000222	0.000114	0.0787	0.00000205	0.000297	0.000324	0.00127	0.000432
2063 Feb	0.000166	0.00105	0.0511	0.00000524	2.04	3.42	0.0238	0.000447	25	0.00179	0.00657	0.000131	0.000222	0.000114	0.0787	0.00000205	0.000297	0.000324	0.00127	0.000432
2063 Mar	0.000166	0.00105	0.0511	0.00000524	2.04	3.42	0.0238	0.000447	25	0.00179	0.00657	0.000131	0.000222	0.000114	0.0787	0.00000205	0.000297	0.000324	0.00127	0.000432
2063 Apr	0.000166	0.00105	0.0512	0.00000524	2.04	3.42	0.0238	0.000447	25	0.0018	0.00657	0.000131	0.000222	0.000114	0.0787	0.00000205	0.000297	0.000324	0.00127	0.000432
2063 May	0.000167	0.00105	0.0514	0.00000525	2.04	3.42	0.0239	0.000447	25	0.0018	0.00658	0.000131	0.000222	0.000114	0.0788	0.00000205	0.000297	0.000325	0.00127	0.000432
2063 Jun	0.000169	0.00105	0.0527	0.0000053	2.03	3.42	0.0244	0.000444	24.7	0.00179	0.00661	0.000136	0.000222	0.000113	0.0793	0.00000204	0.000292	0.000332	0.00128	0.000428
2063 Jul	0.000169	0.00105	0.0529	0.00000532	2.03	3.43	0.0244	0.000444	24.7	0.00179	0.00662	0.000136	0.000222	0.000113	0.0794	0.00000204	0.000292	0.000333	0.00128	0.000429
2063 Aug	0.00017	0.00105	0.053	0.00000534	2.03	3.44	0.0245	0.000446	24.8	0.0018	0.00664	0.000137	0.000223	0.000114	0.0796	0.00000205	0.000293	0.000334	0.00128	0.00043
2063 Sep	0.00017	0.00105	0.0531	0.00000535	2.04	3.44	0.0245	0.000446	24.8	0.0018	0.00664	0.000137	0.000223	0.000114	0.0797	0.00000205	0.000294	0.000334	0.00128	0.00043
2063 Oct	0.00017	0.00105	0.0531	0.00000535	2.03	3.44	0.0245	0.000446	24.8	0.0018	0.00664	0.000137	0.000223	0.000114	0.0797	0.00000204	0.000294	0.000334	0.00128	0.00043
2063 Nov	0.00017	0.00105	0.0531	0.00000535	2.03	3.44	0.0245	0.000446	24.8	0.0018	0.00664	0.000137	0.000223	0.000114	0.0797	0.00000204	0.000294	0.000334	0.00128	0.00043
2063 Dec	0.00017	0.00105	0.0531	0.00000535	2.03	3.44	0.0245	0.000446	24.8	0.0018	0.00664	0.000137	0.000223	0.000114	0.0797	0.00000204	0.000294	0.000334	0.00128	0.00043
2064 Jan	0.00017	0.00105	0.0531	0.00000535	2.03	3.44	0.0245	0.000446	24.8	0.0018	0.00664	0.000137	0.000223	0.000114	0.0797	0.00000204	0.000294	0.000334	0.00128	0.00043
2064 Feb	0.00017	0.00105	0.0531	0.00000535	2.03	3.44	0.0245	0.000446	24.8	0.0018	0.00664	0.000137	0.000223	0.000114	0.0797	0.00000204	0.000294	0.000334	0.00128	0.00043
2064 Mar	0.00017	0.00105	0.0531	0.00000535	2.03	3.44	0.0245	0.000446	24.8	0.0018	0.00664	0.000137	0.000223	0.000114	0.0797	0.00000204	0.000294	0.000334	0.00128	0.00043
2064 Apr	0.00017	0.00105	0.0531	0.00000535	2.03	3.44	0.0245	0.000446	24.8	0.0018	0.00664	0.000137	0.000223	0.000114	0.0797	0.00000205	0.000294	0.000334	0.00128	0.00043
2064 May	0.000171	0.00105	0.0535	0.00000537	2.04	3.45	0.0247	0.000446	24.7	0.0018	0.00666	0.000138	0.000223	0.000114	0.0799	0.00000205	0.000293	0.000336	0.00129	0.00043
2064 Jun	0.000173	0.00105	0.0546	0.00000541	2.03	3.45	0.0251	0.000444	24.6	0.0018	0.00668	0.000142	0.000224	0.000114	0.0804	0.00000204	0.00029	0.000342	0.00129	0.000427
2064 Jul	0.000173	0.00105	0.0548	0.00000543	2.03	3.46	0.0252	0.000445	24.6	0.0018	0.0067	0.000143	0.000224	0.000114	0.0806	0.00000204	0.000291	0.000343	0.00129	0.000429
2064 Aug	0.000173	0.00105	0.0549	0.00000544	2.04	3.46	0.0252	0.000446	24.6	0.00181	0.00671	0.000143	0.000225	0.000114	0.0807	0.00000204	0.000292	0.000343	0.00129	0.000429
2064 Sep	0.000174	0.00105	0.055	0.00000545	2.04	3.46	0.0253	0.000446	24.6	0.00181	0.00671	0.000143	0.000225	0.000114	0.0808	0.00000204	0.000291	0.000343	0.00129	0.000429
2064 Oct	0.000174	0.00105	0.0551	0.00000546	2.04	3.47	0.0253	0.000446	24.6	0.00181	0.00672	0.000143	0.000225	0.000114	0.0808	0.00000204	0.000291	0.000344	0.00129	0.000429
2064 Nov	0.000174	0.00105	0.0551	0.00000546	2.04	3.47	0.0253	0.000447	24.6	0.00181	0.00672	0.000143	0.000225	0.000114	0.0808	0.00000204	0.000291	0.000344	0.0013	0.000429
2064 Dec	0.000174	0.00105	0.0551	0.00000546	2.04	3.47	0.0253	0.000447	24.6	0.00181	0.00672	0.000143	0.000225	0.000114	0.0808	0.00000204	0.000291	0.000344	0.0013	0.000429
2065 Jan	0.000174	0.00105	0.0551	0.00000546	2.04	3.47	0.0253	0.000447	24.6	0.00181	0.00672	0.000143	0.000225	0.000114	0.0808	0.00000204	0.000291	0.000344	0.0013	0.000429
2065 Feb	0.000174	0.00105	0.0551	0.00000546	2.04	3.47	0.0253	0.000447	24.6	0.00181	0.00672	0.000143	0.000225	0.000114	0.0808	0.00000204	0.000291	0.000344	0.0013	0.000429
2065 Mar	0.000174	0.00105	0.0551	0.00000546	2.04	3.47	0.0253	0.000447	24.6	0.00181	0.00672	0.000143	0.000225	0.000114	0.0809	0.00000204	0.000291	0.000344	0.0013	0.000429
2065 Apr	0.000174	0.00105	0.0551	0.00000546	2.04	3.47	0.0253	0.000447	24.6	0.00181	0.00672	0.000143	0.000225	0.000114	0.0809	0.00000204	0.000291	0.000344	0.0013	0.000429
2065 May	0.000174	0.00105	0.0554	0.00000548	2.04	3.47	0.0254	0.000447	24.6	0.00181	0.00673	0.000144	0.000225	0.000114	0.0811	0.00000204	0.000291	0.000345	0.0013	0.000429
2065 Jun	0.000176	0.00105	0.0562	0.00000551	2.03	3.48	0.0257	0.000445	24.4	0.00181	0.00675	0.000147	0.000225	0.000114	0.0814	0.00000204	0.000289	0.00035	0.0013	0.000427
2065 Jul	0.000177	0.00106	0.0565	0.00000554	2.04	3.49	0.0258	0.000447	24.5	0.00181	0.00678	0.000148	0.000226	0.000115	0.0817	0.00000204	0.00029	0.000351	0.0013	0.000429
2065 Aug	0.000177	0.00106	0.0566	0.00000555	2.05	3.5	0.0259	0.000448	24.6	0.00182	0.0068	0.000148	0.000227	0.000115	0.0819	0.00000205	0.000291	0.000352	0.00131	0.00043
2065 Sep	0.000177	0.00106	0.0567	0.00000556	2.04	3.5	0.0259	0.000448	24.5	0.00182	0.0068	0.000148	0.000227	0.000115	0.0819	0.00000205	0.000291	0.000352	0.00131	0.00043
2065 Oct	0.000177	0.00105	0.0568	0.00000557	2.04	3.49	0.0259	0.000448	24.4	0.00181	0.0068	0.000148	0.000226	0.000114	0.0819	0.00000204	0.00029	0.000352	0.00131	0.000429
2065 Nov	0.000177	0.00105	0.0569	0.00000557	2.04	3.49	0.0259	0.000448	24.4	0.00181	0.0068	0.000148	0.000226	0.000114	0.0819	0.00000204	0.000289	0.000352	0.00131	0.000429
2065 Dec	0.000177	0.00105	0.0569	0.00000557	2.04	3.49	0.0259	0.000448	24.4	0.00181	0.0068	0.000148	0.000226	0.000114	0.0819	0.00000204	0.000289	0.000352	0.00131	0.000429
2066 Jan	0.000177	0.00105	0.0569	0.00000557	2.04	3.49	0.0259	0.000448	24.4	0.00181	0.0068	0.000148	0.000226	0.000114	0.0819	0.00000204	0.000289	0.000352	0.00131	0.000429
2066 Feb	0.000177	0.00105	0.0569	0.00000557	2.04	3.49	0.0259	0.000448	24.4	0.00181	0.0068	0.000148	0.000226	0.000114	0.0819	0.00000204	0.000289	0.000352	0.00131	0.000429
2066 Mar	0.000177	0.00106	0.0569	0.00000557	2.04	3.49	0.0259	0.000448	24.4	0.00181	0.0068	0.000148	0.000226	0.000114	0.0819	0.00000204	0.000289	0.000352	0.00131	0.000429
2066 Apr	0.000177	0.00106	0.0569	0.00000558	2.04	3.49	0.0259	0.000448	24.4	0.00181	0.0068	0.000148	0.000226	0.000115	0.0819	0.00000204	0.000289	0.000352	0.00131	0.000429
2066 May	0.000177	0.00106	0.057	0.00000558	2.04	3.5	0.026	0.000448	24.4	0.00182	0.00681	0.000149	0.000227	0.000115	0.082	0.00000204	0.00029	0.000353	0.00131	0.000429
2066 Jun	0.000178	0.00105	0.0577	0.00000562	2.03	3.49	0.0262	0.000446	24.2	0.00181	0.00683	0.000151	0.000227	0.000114	0.0822	0.00000204	0.000287	0.000357	0.00131	0.000426
2066 Jul	0.000179	0.00106	0.0581	0.00000565	2.04	3.51	0.0263	0.000447	24.3	0.00182	0.00685	0.000152	0.000228	0.000115	0.0825	0.00000204	0.000288	0.000358	0.00132	0.000428
2066 Aug	0.00018	0.00106	0.0582	0.00000567	2.04	3.52	0.0264	0.000449	24.4	0.00182	0.00687	0.000152	0.000228	0.000115	0.0827	0.00000205	0.000289	0.000359	0.00132	0.000429
2066 Sep	0.00018	0.00106	0.0583	0.00000568	2.05	3.52	0.0264	0.00045	24.4	0.00183	0.00688	0.000152	0.000229	0.000115	0.0828	0.00000205	0.000289	0.00036	0.00132	0.00043
2066 Oct	0.000179	0.00106	0.0583	0.00000568	2.04	3.52	0.0264	0.00045	24.3	0.00182	0.00688	0.000152	0.000228	0.000115	0.0828	0.00000205	0.000289	0.000359	0.00132	0.000429
2066 Nov	0.00018	0.00106	0.0583	0.00000568	2.04	3.52	0.0264	0.00045	24.3	0.00182	0.00688	0.000152	0.000228	0.000115	0.0828	0.00000205	0.000289	0.000359	0.00132	0.000429
2066 Dec	0.00018	0.00106	0.0583	0.00000568	2.04	3.52	0.0264	0.00045	24.3	0.00182	0.00688	0.000152	0.000228	0.000115	0.0828	0.00000205	0.000289	0.000359	0.00132	0.000429
2067 Jan	0.00018	0.00106	0.0583	0.00000568	2.04	3.52	0.0264	0.00045	24.3	0.00182	0.00688	0.000152	0.000228	0.000115	0.0828	0.00000205	0.000289	0.000359	0.00132	0.000429
2067 Feb	0.00018	0.00106	0.0583	0.00000568	2.04	3.52	0.0264	0.00045	24.3	0.00182	0.00688	0.000152	0.000228	0.000115	0.0828	0.00000205	0.000289	0.000359	0.00132	0.000429
2067 Mar	0.00018	0.00106	0.0583	0.00000568	2.04	3.52	0.0264	0.00045	24.3	0.00182	0.00688	0.000152	0.000228	0.000115	0.0828	0.00000205	0.000289	0.00036	0.00132	0.000429
2067 Apr	0.00018	0.00106	0.0583	0.00000568	2.04	3.52	0.0264	0.00045	24.3	0.00182	0.00688	0.000152	0.000228	0.000115	0.0828	0.00000205	0.000289	0.00036	0.00132	0.000429

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 May	0.00018	0.00106	0.0586	0.00000569	2.05	3.52	0.0265	0.00045	24.3	0.00183	0.00689	0.000153	0.000229	0.000115	0.083	0.00000205	0.000289	0.000361	0.00132	0.000429
2067 Jun	0.000182	0.00106	0.0593	0.00000572	2.04	3.52	0.0268	0.000449	24.2	0.00182	0.00691	0.000156	0.000229	0.000115	0.0833	0.00000204	0.000287	0.000365	0.00132	0.000428
2067 Jul	0.000182	0.00106	0.0595	0.00000575	2.05	3.54	0.0269	0.00045	24.3	0.00183	0.00694	0.000156	0.00023	0.000115	0.0836	0.00000205	0.000288	0.000366	0.00133	0.000429
2067 Aug	0.000183	0.00106	0.0597	0.00000576	2.05	3.54	0.027	0.000451	24.3	0.00184	0.00695	0.000157	0.00023	0.000116	0.0837	0.00000205	0.000289	0.000367	0.00133	0.00043
2067 Sep	0.000183	0.00106	0.0597	0.00000577	2.05	3.55	0.027	0.000452	24.3	0.00184	0.00696	0.000157	0.00023	0.000116	0.0838	0.00000206	0.000289	0.000367	0.00133	0.000431
2067 Oct	0.000183	0.00106	0.0598	0.00000578	2.05	3.54	0.027	0.000452	24.3	0.00184	0.00696	0.000157	0.00023	0.000116	0.0838	0.00000205	0.000289	0.000367	0.00133	0.00043
2067 Nov	0.000183	0.00106	0.0598	0.00000578	2.05	3.54	0.027	0.000452	24.3	0.00184	0.00696	0.000157	0.00023	0.000116	0.0838	0.00000205	0.000289	0.000367	0.00133	0.00043
2067 Dec	0.000183	0.00106	0.0599	0.00000578	2.05	3.54	0.027	0.000452	24.3	0.00184	0.00696	0.000157	0.00023	0.000116	0.0838	0.00000205	0.000289	0.000367	0.00133	0.00043
2068 Jan	0.000183	0.00106	0.0599	0.00000578	2.05	3.54	0.027	0.000452	24.3	0.00184	0.00696	0.000157	0.00023	0.000116	0.0838	0.00000205	0.000289	0.000367	0.00133	0.00043
2068 Feb	0.000183	0.00106	0.0599	0.00000578	2.05	3.54	0.027	0.000452	24.3	0.00184	0.00696	0.000157	0.00023	0.000116	0.0838	0.00000205	0.000289	0.000367	0.00133	0.00043
2068 Mar	0.000183	0.00106	0.0599	0.00000578	2.05	3.55	0.027	0.000452	24.3	0.00184	0.00696	0.000157	0.00023	0.000116	0.0838	0.00000205	0.000289	0.000367	0.00133	0.00043
2068 Apr	0.000183	0.00106	0.0599	0.00000578	2.05	3.55	0.027	0.000452	24.3	0.00184	0.00696	0.000157	0.00023	0.000116	0.0839	0.00000205	0.000289	0.000367	0.00133	0.00043
2068 May	0.000183	0.00107	0.0602	0.0000058	2.05	3.55	0.0271	0.000452	24.3	0.00184	0.00698	0.000158	0.000231	0.000116	0.084	0.00000205	0.000289	0.000369	0.00133	0.00043
2068 Jun	0.000185	0.00106	0.0612	0.00000583	2.04	3.55	0.0275	0.000449	24	0.00183	0.00699	0.000162	0.00023	0.000115	0.0843	0.00000204	0.000285	0.000374	0.00133	0.000426
2068 Jul	0.000186	0.00106	0.0615	0.00000586	2.05	3.56	0.0276	0.00045	24	0.00184	0.00701	0.000162	0.000231	0.000115	0.0845	0.00000205	0.000285	0.000375	0.00134	0.000427
2068 Aug	0.000186	0.00107	0.0617	0.00000588	2.05	3.57	0.0277	0.000451	24.1	0.00184	0.00703	0.000163	0.000232	0.000116	0.0848	0.00000205	0.000286	0.000376	0.00134	0.000429
2068 Sep	0.000186	0.00107	0.0617	0.00000588	2.05	3.57	0.0277	0.000452	24.1	0.00184	0.00703	0.000163	0.000232	0.000116	0.0849	0.00000205	0.000287	0.000376	0.00134	0.000429
2068 Oct	0.000187	0.00107	0.0617	0.00000589	2.05	3.57	0.0277	0.000452	24.1	0.00184	0.00704	0.000163	0.000232	0.000116	0.0849	0.00000205	0.000287	0.000377	0.00134	0.000429
2068 Nov	0.000187	0.00107	0.0617	0.00000589	2.05	3.57	0.0277	0.000452	24.1	0.00184	0.00704	0.000163	0.000232	0.000116	0.0849	0.00000205	0.000287	0.000377	0.00134	0.000429
2068 Dec	0.000187	0.00107	0.0617	0.00000589	2.05	3.57	0.0277	0.000452	24.1	0.00184	0.00704	0.000163	0.000232	0.000116	0.0849	0.00000205	0.000287	0.000377	0.00134	0.000429
2069 Jan	0.000187	0.00107	0.0617	0.00000589	2.05	3.57	0.0277	0.000452	24.1	0.00184	0.00704	0.000163	0.000232	0.000116	0.0849	0.00000205	0.000287	0.000377	0.00134	0.000429
2069 Feb	0.000187	0.00107	0.0617	0.00000589	2.05	3.57	0.0277	0.000452	24.1	0.00184	0.00704	0.000163	0.000232	0.000116	0.0849	0.00000205	0.000287	0.000377	0.00134	0.000429
2069 Mar	0.000187	0.00107	0.0617	0.00000589	2.05	3.57	0.0277	0.000452	24.1	0.00184	0.00704	0.000163	0.000232	0.000116	0.0849	0.00000205	0.000287	0.000377	0.00134	0.000429
2069 Apr	0.000187	0.00107	0.0617	0.00000589	2.05	3.57	0.0277	0.000452	24.1	0.00184	0.00704	0.000163	0.000232	0.000116	0.0849	0.00000205	0.000287	0.000377	0.00134	0.000429
2069 May	0.000187	0.00107	0.0618	0.0000059	2.06	3.58	0.0278	0.000453	24.1	0.00185	0.00705	0.000163	0.000232	0.000116	0.085	0.00000206	0.000287	0.000377	0.00134	0.00043
2069 Jun	0.000188	0.00107	0.0624	0.00000593	2.05	3.57	0.0279	0.000451	24	0.00184	0.00706	0.000165	0.000232	0.000116	0.0852	0.00000205	0.000285	0.00038	0.00135	0.000428
2069 Jul	0.000188	0.00107	0.0627	0.00000596	2.05	3.58	0.028	0.000452	24	0.00185	0.00709	0.000165	0.000233	0.000116	0.0854	0.00000206	0.000286	0.000382	0.00135	0.000429
2069 Aug	0.000188	0.00107	0.0628	0.00000597	2.06	3.59	0.0281	0.000453	24.1	0.00185	0.0071	0.000166	0.000234	0.000116	0.0856	0.00000206	0.000287	0.000382	0.00136	0.00043
2069 Sep	0.000188	0.00107	0.0628	0.00000598	2.06	3.59	0.0281	0.000453	24	0.00185	0.0071	0.000166	0.000233	0.000116	0.0856	0.00000206	0.000286	0.000382	0.00135	0.000429
2069 Oct	0.000188	0.00107	0.063	0.00000598	2.05	3.58	0.0281	0.000453	23.9	0.00185	0.0071	0.000166	0.000233	0.000116	0.0855	0.00000205	0.000285	0.000382	0.00135	0.000428
2069 Nov	0.000188	0.00107	0.063	0.00000599	2.05	3.58	0.0281	0.000453	23.9	0.00185	0.0071	0.000166	0.000233	0.000116	0.0855	0.00000205	0.000285	0.000382	0.00135	0.000428
2069 Dec	0.000188	0.00107	0.063	0.00000599	2.05	3.58	0.0281	0.000453	23.9	0.00185	0.00711	0.000166	0.000233	0.000116	0.0855	0.00000205	0.000285	0.000382	0.00135	0.000428
2070 Jan	0.000188	0.00107	0.063	0.00000599	2.05	3.58	0.0281	0.000453	23.9	0.00185	0.00711	0.000166	0.000233	0.000116	0.0855	0.00000205	0.000285	0.000382	0.00135	0.000428
2070 Feb	0.000188	0.00107	0.063	0.00000599	2.05	3.58	0.0281	0.000453	23.9	0.00185	0.00711	0.000166	0.000233	0.000116	0.0855	0.00000205	0.000285	0.000382	0.00135	0.000428
2070 Mar	0.000188	0.00107	0.063	0.00000599	2.05	3.58	0.0281	0.000453	23.9	0.00185	0.00711	0.000166	0.000233	0.000116	0.0855	0.00000205	0.000285	0.000382	0.00135	0.000428
2070 Apr	0.000188	0.00107	0.063	0.00000599	2.05	3.58	0.0281	0.000453	23.9	0.00185	0.00711	0.000166	0.000233	0.000116	0.0855	0.00000205	0.000285	0.000382	0.00135	0.000428
2070 May	0.000189	0.00107	0.0633	0.000006	2.05	3.59	0.0282	0.000453	23.9	0.00185	0.00712	0.000167	0.000233	0.000116	0.0857	0.00000205	0.000285	0.000384	0.00135	0.000428
2070 Jun	0.000191	0.00107	0.064	0.00000603	2.05	3.59	0.0285	0.000452	23.8	0.00185	0.00714	0.00017	0.000233	0.000116	0.086	0.00000205	0.000283	0.000388	0.00136	0.000426
2070 Jul	0.000191	0.00107	0.0642	0.00000605	2.05	3.6	0.0286	0.000453	23.8	0.00185	0.00716	0.00017	0.000234	0.000116	0.0863	0.00000206	0.000284	0.000389	0.00136	0.000427
2070 Aug	0.000192	0.00107	0.0644	0.00000607	2.06	3.61	0.0286	0.000454	23.9	0.00186	0.00718	0.00017	0.000235	0.000117	0.0865	0.00000206	0.000285	0.00039	0.00136	0.000429
2070 Sep	0.000191	0.00107	0.0644	0.00000607	2.06	3.61	0.0286	0.000454	23.8	0.00186	0.00718	0.00017	0.000234	0.000117	0.0865	0.00000206	0.000285	0.000389	0.00136	0.000428
2070 Oct	0.000191	0.00107	0.0645	0.00000608	2.05	3.6	0.0286	0.000454	23.8	0.00185	0.00718	0.00017	0.000234	0.000116	0.0864	0.00000205	0.000284	0.00039	0.00136	0.000428
2070 Nov	0.000191	0.00107	0.0646	0.00000608	2.05	3.6	0.0286	0.000454	23.8	0.00185	0.00718	0.00017	0.000234	0.000116	0.0864	0.00000205	0.000284	0.00039	0.00136	0.000428
2070 Dec	0.000191	0.00107	0.0646	0.00000608	2.05	3.6	0.0286	0.000454	23.8	0.00185	0.00718	0.00017	0.000234	0.000116	0.0864	0.00000205	0.000284	0.00039	0.00136	0.000428
2071 Jan	0.000191	0.00107	0.0646	0.00000608	2.05	3.6	0.0286	0.000454	23.8	0.00185	0.00718	0.00017	0.000234	0.000116	0.0864	0.00000205	0.000284	0.00039	0.00136	0.000428
2071 Feb	0.000191	0.00107	0.0646	0.00000608	2.05	3.6	0.0286	0.000454	23.8	0.00185	0.00718	0.00017	0.000234	0.000116	0.0864	0.00000205	0.000284	0.00039	0.00136	0.000428
2071 Mar	0.000191	0.00107	0.0646	0.00000608	2.05	3.6	0.0286	0.000454	23.8	0.00185	0.00718	0.00017	0.000234	0.000116	0.0864	0.00000205	0.000284	0.00039	0.00136	0.000428
2071 Apr	0.000191	0.00107	0.0646	0.00000608	2.05	3.6	0.0286	0.000454	23.8	0.00186	0.00718	0.00017	0.000234	0.000116	0.0865	0.00000205	0.000284	0.00039	0.00136	0.000428
2071 May	0.000192	0.00107	0.0648	0.00000609	2.05	3.61	0.0287	0.000454	23.8	0.00186	0.00719	0.000171	0.000234	0.000116	0.0866	0.00000205	0.000284	0.000391	0.00136	0.000427
2071 Jun	0.000194	0.00107	0.0657	0.00000612	2.05	3.6	0.0291	0.000452	23.5	0.00185	0.0072	0.000175	0.000234	0.000116	0.0869	0.00000205	0.000281	0.000395	0.00136	0.000424
2071 Jul	0.000194	0.00107	0.0659	0.00000614	2.05	3.61	0.0291	0.000453	23.6	0.00185	0.00722	0.000175	0.000235	0.000116	0.0871	0.00000205	0.000282	0.000396	0.00137	0.000425
2071 Aug	0.000195	0.00107	0.066	0.00000616	2.06	3.62	0.0292	0.000454	23.6	0.00186	0.00724	0.000175	0.000235	0.000117	0.0873	0.00000206	0.000283	0.000397	0.00137	0.000426
2071 Sep	0.000194	0.00107	0.066	0.00000616	2.06	3.62	0.0292	0.000454	23.6	0.00186	0.00724	0.000175	0.000235	0.000117	0.0873	0.00000205	0.000283	0.000397	0.00137	0.000426
2071 Oct	0.000194	0.00107	0.0661	0.00000617	2.05	3.62	0.0292	0.000454	23.6	0.00186	0.00724	0.000175	0.000235	0.000116	0.0872	0.00000205	0.000282	0.000397	0.00137	0.000426
2071 Nov	0.000194	0.00107	0.0661	0.00000617	2.05	3.62	0.0292	0.000454	23.6	0.00186	0.00724	0.000175	0.000235	0.000116	0.0873	0.00000205	0.000282	0.000397	0.00137	0.000426
2071 Dec	0.000194	0.00107	0.0661	0.00000617	2.05	3.62	0.0292	0.000454	23.6	0.00186	0.00724	0.000175	0.000235	0.000116	0.0873	0.00000205	0.000282	0.000397	0.00137	0.000426
2072 Jan	0.000194	0.00107	0.0661	0.00000617	2.05	3.62	0.0292	0.000454	23.6	0.00186	0.00724	0.000175	0.000235	0.000116	0.0873	0.00000205	0.000282	0.000397	0.00137	0.000426
2072 Feb	0.000194	0.00107	0.0661	0.00000617	2.05	3.62	0.0292	0.000454	23.6	0.00186	0.00724	0.000175	0.000235	0.000116	0.0873	0.00000205	0.000282	0.000397	0.00137	0.000426
2072 Mar	0.000194	0.00107	0.0661	0.00000617	2.05	3.62	0.0292	0.000454	23.6	0.00186	0.00724	0.000175	0.000235	0.000116	0.0873	0.00000205	0.000282	0.000397	0.00137	0.000426
2072 Apr	0.000194	0.00107	0.0661	0.00000617	2.05	3.62	0.0292	0.000454	23.6	0.00186	0.00724	0.000175	0.000235	0.000116	0.0873	0.00000205	0.000282	0.000397	0.00137	0.000426
2072 May	0.000195	0.00107	0.0662	0.00000618	2.06	3.62	0.0292	0.000455	23.6	0.00186	0.00725	0.000176	0.000235	0.000117	0.0874	0.00000205	0.000283	0.000398	0.00137	0.000426
2072 Jun	0.000195	0.00107	0.0665	0.0000062	2.05	3.62	0.0293	0.000454	23.5	0.00186	0.00726	0.000176	0.000236	0.000116	0.0874	0.00000205	0.000281	0.000399	0.00137	0.000425
2072 Jul	0.000195	0.00107	0.0667	0.00000622	2.05	3.62	0.0294	0.000454	23.5	0.00186	0.00728	0.000177	0.000236	0.000117	0.0875	0.00000206	0.000281	0.0004	0.00138	0.000425
2072 Aug	0.000195	0.00107	0.0669	0.00000624	2.05	3.62	0.0294	0.000455	23.5	0.00186	0.00729	0.000177	0.000236	0.000117	0.0876	0.00000205	0.000281	0.000401	0.00138	0.000425
2072 Sep	0.000195	0.00107	0.067	0.00000625	2.05	3.62	0.0294	0.000455	23.4	0.00186	0.00729	0.000177	0.000236	0.000116	0.0876	0.00000205	0.000281	0.000401	0.00138	0.000425
2072 Oct	0.000195	0.00107	0.0671	0.00000626	2.05	3.62	0.0294	0.000454	23.3	0.00186	0.00729	0.000177	0.000236	0.000116	0.0876	0.00000205	0.00028	0.000401	0.00138	0.000424
2072 Nov	0.000195	0.00107	0.0671	0.00000626	2.05	3.62	0.0294	0.000454	23.3	0.00186	0.00729	0.000177	0.000235	0.000116	0.0876	0.00000205	0.00028	0.000401	0.00138	0.000424

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2072 Dec	0.000195	0.00107	0.0671	0.00000626	2.05	3.62	0.0294	0.000454	23.3	0.00186	0.00729	0.000177	0.000235	0.000116	0.0876	0.00000205	0.00028	0.000401	0.00138	0.000424
2073 Jan	0.000195	0.00107	0.0671	0.00000626	2.05	3.62	0.0294	0.000454	23.3	0.00186	0.00729	0.000177	0.000235	0.000116	0.0876	0.00000205	0.00028	0.000401	0.00138	0.000424
2073 Feb	0.000195	0.00107	0.0671	0.00000626	2.05	3.62	0.0294	0.000454	23.3	0.00186	0.00729	0.000177	0.000235	0.000116	0.0876	0.00000205	0.00028	0.000401	0.00138	0.000424
2073 Mar	0.000195	0.00107	0.0671	0.00000626	2.05	3.62	0.0294	0.000454	23.3	0.00186	0.00729	0.000177	0.000235	0.000116	0.0876	0.00000205	0.00028	0.000401	0.00138	0.000424
2073 Apr	0.000195	0.00107	0.0671	0.00000626	2.05	3.62	0.0294	0.000454	23.3	0.00186	0.0073	0.000177	0.000236	0.000116	0.0876	0.00000205	0.00028	0.000401	0.00138	0.000424
2073 May	0.000196	0.00107	0.0675	0.00000628	2.05	3.62	0.0296	0.000454	23.3	0.00186	0.00731	0.000178	0.000236	0.000116	0.0878	0.00000205	0.00028	0.000403	0.00138	0.000424
2073 Jun	0.000198	0.00107	0.0683	0.0000063	2.04	3.62	0.0299	0.000452	23.1	0.00186	0.00733	0.000181	0.000236	0.000116	0.0881	0.00000205	0.000278	0.000407	0.00138	0.000421
2073 Jul	0.000198	0.00107	0.0685	0.00000632	2.05	3.63	0.0299	0.000453	23.2	0.00186	0.00734	0.000182	0.000236	0.000116	0.0883	0.00000205	0.000278	0.000408	0.00138	0.000422
2073 Aug	0.000199	0.00107	0.0686	0.00000634	2.05	3.64	0.03	0.000455	23.2	0.00187	0.00736	0.000182	0.000237	0.000117	0.0885	0.00000205	0.000279	0.000408	0.00139	0.000423
2073 Sep	0.000199	0.00107	0.0686	0.00000634	2.05	3.64	0.03	0.000455	23.2	0.00187	0.00736	0.000182	0.000237	0.000117	0.0885	0.00000205	0.000279	0.000408	0.00139	0.000423
2073 Oct	0.000199	0.00107	0.0687	0.00000635	2.05	3.64	0.03	0.000455	23.1	0.00186	0.00736	0.000182	0.000236	0.000116	0.0885	0.00000205	0.000278	0.000408	0.00139	0.000423
2073 Nov	0.000199	0.00107	0.0687	0.00000635	2.05	3.64	0.03	0.000455	23.1	0.00186	0.00736	0.000182	0.000236	0.000116	0.0885	0.00000205	0.000278	0.000408	0.00139	0.000422
2073 Dec	0.000199	0.00107	0.0687	0.00000635	2.05	3.64	0.03	0.000455	23.1	0.00186	0.00736	0.000182	0.000236	0.000116	0.0885	0.00000205	0.000278	0.000408	0.00139	0.000423
2074 Jan	0.000199	0.00107	0.0687	0.00000635	2.05	3.64	0.03	0.000455	23.1	0.00186	0.00736	0.000182	0.000236	0.000116	0.0885	0.00000205	0.000278	0.000408	0.00139	0.000423
2074 Feb	0.000199	0.00107	0.0687	0.00000635	2.05	3.64	0.03	0.000455	23.1	0.00186	0.00736	0.000182	0.000236	0.000116	0.0885	0.00000205	0.000278	0.000408	0.00139	0.000423
2074 Mar	0.000199	0.00107	0.0687	0.00000635	2.05	3.64	0.03	0.000455	23.1	0.00186	0.00736	0.000182	0.000236	0.000116	0.0885	0.00000205	0.000278	0.000408	0.00139	0.000423
2074 Apr	0.000199	0.00107	0.0688	0.00000635	2.05	3.64	0.03	0.000455	23.1	0.00186	0.00737	0.000182	0.000237	0.000116	0.0885	0.00000205	0.000278	0.000408	0.00139	0.000423
2074 May	0.0002	0.00107	0.0693	0.00000637	2.05	3.64	0.0302	0.000454	23.1	0.00186	0.00738	0.000184	0.000237	0.000117	0.0888	0.00000205	0.000278	0.000411	0.00139	0.000422
2074 Jun	0.000202	0.00107	0.0701	0.0000064	2.04	3.64	0.0306	0.000452	22.9	0.00186	0.00739	0.000188	0.000236	0.000116	0.0891	0.00000204	0.000275	0.000415	0.00139	0.000419
2074 Jul	0.000202	0.00107	0.0704	0.00000642	2.04	3.65	0.0307	0.000453	22.9	0.00186	0.00742	0.000188	0.000237	0.000117	0.0894	0.00000205	0.000276	0.000417	0.00139	0.00042
2074 Aug	0.000203	0.00108	0.0706	0.00000645	2.05	3.66	0.0308	0.000455	23	0.00187	0.00744	0.000189	0.000238	0.000117	0.0897	0.00000205	0.000277	0.000418	0.0014	0.000422
2074 Sep	0.000203	0.00107	0.0706	0.00000645	2.05	3.66	0.0308	0.000455	23	0.00187	0.00744	0.000189	0.000238	0.000117	0.0896	0.00000205	0.000277	0.000418	0.0014	0.000422
2074 Oct	0.000203	0.00107	0.0707	0.00000645	2.05	3.66	0.0308	0.000455	22.9	0.00187	0.00744	0.000189	0.000238	0.000117	0.0896	0.00000205	0.000277	0.000418	0.0014	0.000421
2074 Nov	0.000203	0.00107	0.0707	0.00000645	2.05	3.66	0.0308	0.000455	22.9	0.00187	0.00744	0.000189	0.000238	0.000117	0.0896	0.00000205	0.000277	0.000418	0.0014	0.000421
2074 Dec	0.000203	0.00107	0.0707	0.00000645	2.05	3.66	0.0308	0.000455	22.9	0.00187	0.00744	0.000189	0.000238	0.000117	0.0896	0.00000205	0.000277	0.000418	0.0014	0.000421
2075 Jan	0.000203	0.00107	0.0707	0.00000645	2.05	3.66	0.0308	0.000455	22.9	0.00187	0.00744	0.000189	0.000238	0.000117	0.0896	0.00000205	0.000277	0.000418	0.0014	0.000421
2075 Feb	0.000203	0.00107	0.0707	0.00000645	2.05	3.66	0.0308	0.000455	22.9	0.00187	0.00744	0.000189	0.000238	0.000117	0.0896	0.00000205	0.000277	0.000418	0.0014	0.000421
2075 Mar	0.000203	0.00107	0.0707	0.00000645	2.05	3.66	0.0308	0.000455	22.9	0.00187	0.00744	0.000189	0.000238	0.000117	0.0896	0.00000205	0.000277	0.000418	0.0014	0.000421
2075 Apr	0.000203	0.00107	0.0707	0.00000646	2.05	3.66	0.0308	0.000455	22.9	0.00187	0.00745	0.000189	0.000238	0.000117	0.0897	0.00000205	0.000277	0.000418	0.0014	0.000421
2075 May	0.000203	0.00108	0.0708	0.00000646	2.05	3.66	0.0308	0.000456	23	0.00187	0.00745	0.000189	0.000238	0.000117	0.0898	0.00000205	0.000277	0.000419	0.0014	0.000422
2075 Jun	0.000203	0.00107	0.0712	0.00000649	2.04	3.65	0.0309	0.000453	22.8	0.00187	0.00746	0.00019	0.000238	0.000116	0.0897	0.00000205	0.000274	0.00042	0.0014	0.000419
2075 Jul	0.000203	0.00107	0.0715	0.00000651	2.04	3.66	0.0309	0.000453	22.7	0.00187	0.00748	0.00019	0.000238	0.000116	0.0898	0.00000205	0.000274	0.000422	0.0014	0.000419
2075 Aug	0.000204	0.00107	0.0716	0.00000653	2.04	3.66	0.031	0.000454	22.8	0.00187	0.00749	0.000191	0.000239	0.000117	0.0899	0.00000205	0.000275	0.000422	0.00141	0.00042
2075 Sep	0.000204	0.00107	0.0716	0.00000654	2.05	3.67	0.031	0.000455	22.8	0.00187	0.0075	0.000191	0.000239	0.000117	0.09	0.00000205	0.000275	0.000423	0.00141	0.00042
2075 Oct	0.000204	0.00107	0.0717	0.00000654	2.05	3.67	0.031	0.000455	22.8	0.00187	0.0075	0.000191	0.000239	0.000117	0.09	0.00000205	0.000275	0.000423	0.00141	0.00042
2075 Nov	0.000204	0.00107	0.0717	0.00000654	2.05	3.67	0.031	0.000455	22.8	0.00187	0.0075	0.000191	0.000239	0.000117	0.09	0.00000205	0.000275	0.000423	0.00141	0.00042
2075 Dec	0.000204	0.00107	0.0717	0.00000654	2.05	3.67	0.031	0.000455	22.8	0.00187	0.0075	0.000191	0.000239	0.000117	0.09	0.00000205	0.000275	0.000423	0.00141	0.00042
2076 Jan	0.000204	0.00107	0.0717	0.00000654	2.05	3.67	0.031	0.000455	22.8	0.00187	0.0075	0.000191	0.000239	0.000117	0.09	0.00000205	0.000275	0.000423	0.00141	0.00042
2076 Feb	0.000204	0.00107	0.0717	0.00000654	2.05	3.67	0.031	0.000455	22.8	0.00187	0.0075	0.000191	0.000239	0.000117	0.0901	0.00000205	0.000275	0.000423	0.00141	0.00042
2076 Mar	0.000204	0.00107	0.0717	0.00000654	2.05	3.67	0.031	0.000455	22.8	0.00187	0.0075	0.000191	0.000239	0.000117	0.0901	0.00000205	0.000275	0.000423	0.00141	0.00042
2076 Apr	0.000204	0.00108	0.0717	0.00000654	2.05	3.67	0.031	0.000455	22.8	0.00187	0.0075	0.000191	0.000239	0.000117	0.0901	0.00000205	0.000275	0.000423	0.00141	0.00042
2076 May	0.000205	0.00108	0.072	0.00000655	2.05	3.67	0.0311	0.000455	22.8	0.00187	0.00752	0.000192	0.000239	0.000117	0.0902	0.00000205	0.000275	0.000424	0.00141	0.00042
2076 Jun	0.000206	0.00107	0.0728	0.00000658	2.04	3.67	0.0314	0.000453	22.5	0.00187	0.00753	0.000195	0.000239	0.000117	0.0905	0.00000205	0.000273	0.000428	0.00141	0.000417
2076 Jul	0.000207	0.00107	0.073	0.0000066	2.04	3.67	0.0315	0.000454	22.6	0.00187	0.00754	0.000196	0.000239	0.000117	0.0907	0.00000205	0.000273	0.000429	0.00141	0.000418
2076 Aug	0.000207	0.00108	0.0732	0.00000662	2.05	3.68	0.0316	0.000455	22.6	0.00188	0.00757	0.000196	0.00024	0.000117	0.0909	0.00000206	0.000274	0.00043	0.00142	0.000419
2076 Sep	0.000207	0.00108	0.0732	0.00000663	2.05	3.69	0.0316	0.000456	22.7	0.00188	0.00757	0.000196	0.00024	0.000117	0.091	0.00000206	0.000275	0.000431	0.00142	0.00042
2076 Oct	0.000207	0.00108	0.0732	0.00000663	2.05	3.68	0.0316	0.000456	22.6	0.00188	0.00757	0.000196	0.00024	0.000117	0.0909	0.00000206	0.000274	0.00043	0.00142	0.00042
2076 Nov	0.000207	0.00108	0.0732	0.00000663	2.05	3.68	0.0316	0.000456	22.6	0.00188	0.00757	0.000196	0.00024	0.000117	0.0909	0.00000205	0.000274	0.00043	0.00142	0.000419
2076 Dec	0.000207	0.00108	0.0732	0.00000663	2.05	3.68	0.0316	0.000456	22.6	0.00188	0.00757	0.000196	0.00024	0.000117	0.0909	0.00000205	0.000274	0.00043	0.00142	0.000419
2077 Jan	0.000207	0.00108	0.0732	0.00000663	2.05	3.68	0.0316	0.000456	22.6	0.00188	0.00757	0.000196	0.00024	0.000117	0.0909	0.00000205	0.000274	0.00043	0.00142	0.000419
2077 Feb	0.000207	0.00108	0.0732	0.00000663	2.05	3.68	0.0316	0.000456	22.6	0.00188	0.00757	0.000196	0.00024	0.000117	0.0909	0.00000205	0.000274	0.00043	0.00142	0.000419
2077 Mar	0.000207	0.00108	0.0732	0.00000663	2.05	3.68	0.0316	0.000456	22.6	0.00188	0.00757	0.000196	0.00024	0.000117	0.0909	0.00000205	0.000274	0.00043	0.00142	0.000419
2077 Apr	0.000207	0.00108	0.0732	0.00000663	2.05	3.69	0.0316	0.000456	22.6	0.00188	0.00757	0.000196	0.00024	0.000117	0.091	0.00000206	0.000274	0.00043	0.00142	0.00042
2077 May	0.000208	0.00108	0.0734	0.00000664	2.05	3.69	0.0317	0.000456	22.6	0.00188	0.00758	0.000197	0.00024	0.000117	0.0911	0.00000206	0.000274	0.000431	0.00142	0.000419
2077 Jun	0.000209	0.00108	0.0741	0.00000666	2.04	3.68	0.032	0.000453	22.4	0.00188	0.00759	0.000199	0.00024	0.000117	0.0913	0.00000205	0.000272	0.000435	0.00142	0.000417
2077 Jul	0.00021	0.00108	0.0744	0.00000669	2.05	3.69	0.0321	0.000455	22.5	0.00188	0.00761	0.0002	0.000241	0.000117	0.0915	0.00000205	0.000273	0.000436	0.00142	0.000418
2077 Aug	0.00021	0.00108	0.0746	0.00000671	2.05	3.71	0.0322	0.000456	22.5	0.00189	0.00764	0.000201	0.000241	0.000118	0.0918	0.00000206	0.000274	0.000438	0.00143	0.000419
2077 Sep	0.00021	0.00108	0.0746	0.00000671	2.05	3.7	0.0321	0.000456	22.5	0.00188	0.00763	0.0002	0.000241	0.000117	0.0917	0.00000206	0.000273	0.000437	0.00142	0.000419
2077 Oct	0.00021	0.00108	0.0746	0.00000671	2.05	3.7	0.0321	0.000456	22.4	0.00188	0.00763	0.0002	0.000241	0.000117	0.0917	0.00000206	0.000273	0.000437	0.00142	0.000418
2077 Nov	0.00021	0.00108	0.0746	0.00000671	2.05	3.7	0.0321	0.000456	22.4	0.00188	0.00763	0.0002	0.000241	0.000117	0.0917	0.00000206	0.000273	0.000437	0.00142	0.000418
2077 Dec	0.00021	0.00108	0.0746	0.00000671	2.05	3.7	0.0321	0.000456	22.4	0.00188	0.00763	0.0002	0.000241	0.000117	0.0917	0.00000206	0.000273	0.000437	0.00142	0.000418
2078 Jan	0.00021	0.00108	0.0746	0.00000671	2.05	3.7	0.0321	0.000456	22.4	0.00188	0.00763	0.0002	0.000241	0.000117	0.0917	0.00000206	0.000273	0.000437	0.00142	0.000418
2078 Feb	0.00021	0.00108	0.0746	0.00000671	2.05	3.7	0.0321	0.000456	22.4	0.00188	0.00763	0.0002	0.000241	0.000117	0.0917	0.00000206	0.000273	0.000437	0.00142	0.000418
2078 Mar	0.00021	0.00108	0.0746	0.00000671	2.05	3.7	0.0321	0.000456	22.4	0.00188	0.00763	0.0002	0.000241	0.000117	0.0917	0.00000206	0.000273	0.000437	0.00142	0.000418
2078 Apr	0.00021	0.00108	0.0747	0.00000672	2.05	3.7	0.0321	0.000456	22.5	0.00188	0.00764	0.0002	0.000241	0.000117	0.0918	0.00000206	0.000273	0.000437	0.00142	0.000419
2078 May	0.000212	0.00108	0.0753	0.00000674	2.05	3.7	0.0324	0.000455	22.4	0.00188	0.00765	0.000203	0.000241	0.000117	0.0921	0.00000206	0.000272	0.00044	0.00143	0.000417
2078 Jun	0.000213	0.00108	0.0759	0.00000675	2.04	3.7	0.0327	0.000453	22.2	0.00188	0.00766	0.000206	0.000241	0.000117	0.0923	0.00000205	0.00027	0.000444	0.00143	0.000415

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Jul	0.000214	0.00108	0.0762	0.00000678	2.05	3.71	0.0328	0.000455	22.2	0.00188	0.00768	0.000206	0.000241	0.000117	0.0925	0.00000205	0.000271	0.000445	0.00143	0.000416
2078 Aug	0.000214	0.00108	0.0763	0.00000679	2.05	3.72	0.0328	0.000456	22.3	0.00189	0.0077	0.000207	0.000242	0.000118	0.0927	0.00000206	0.000272	0.000446	0.00143	0.000417
2078 Sep	0.000214	0.00108	0.0764	0.0000068	2.05	3.72	0.0328	0.000456	22.3	0.00189	0.0077	0.000207	0.000242	0.000118	0.0928	0.00000206	0.000272	0.000446	0.00143	0.000417
2078 Oct	0.000214	0.00108	0.0764	0.0000068	2.05	3.72	0.0329	0.000456	22.3	0.00189	0.0077	0.000207	0.000242	0.000118	0.0928	0.00000206	0.000272	0.000446	0.00143	0.000417
2078 Nov	0.000214	0.00108	0.0764	0.0000068	2.05	3.72	0.0329	0.000456	22.3	0.00189	0.0077	0.000207	0.000242	0.000118	0.0928	0.00000206	0.000272	0.000446	0.00143	0.000417
2078 Dec	0.000214	0.00108	0.0764	0.0000068	2.05	3.72	0.0329	0.000456	22.3	0.00189	0.00771	0.000207	0.000242	0.000118	0.0928	0.00000206	0.000272	0.000446	0.00143	0.000417
2079 Jan	0.000214	0.00108	0.0764	0.0000068	2.05	3.72	0.0329	0.000456	22.3	0.00189	0.00771	0.000207	0.000242	0.000118	0.0928	0.00000206	0.000272	0.000446	0.00143	0.000417
2079 Feb	0.000214	0.00108	0.0764	0.0000068	2.05	3.72	0.0329	0.000456	22.3	0.00189	0.00771	0.000207	0.000242	0.000118	0.0928	0.00000206	0.000272	0.000446	0.00143	0.000417
2079 Mar	0.000214	0.00108	0.0764	0.0000068	2.05	3.72	0.0329	0.000456	22.3	0.00189	0.00771	0.000207	0.000242	0.000118	0.0928	0.00000206	0.000272	0.000446	0.00143	0.000417
2079 Apr	0.000214	0.00108	0.0764	0.0000068	2.05	3.72	0.0329	0.000456	22.3	0.00189	0.00771	0.000207	0.000242	0.000118	0.0928	0.00000206	0.000272	0.000446	0.00143	0.000417
2079 May	0.000214	0.00108	0.0765	0.00000681	2.06	3.73	0.0329	0.000457	22.3	0.00189	0.00772	0.000207	0.000242	0.000118	0.0929	0.00000206	0.000272	0.000447	0.00144	0.000418
2079 Jun	0.000215	0.00108	0.0771	0.00000684	2.04	3.71	0.0331	0.000454	22.1	0.00188	0.00772	0.000209	0.000242	0.000117	0.0929	0.00000205	0.000269	0.000449	0.00144	0.000414
2079 Jul	0.000215	0.00108	0.0773	0.00000685	2.05	3.72	0.0331	0.000454	22	0.00189	0.00773	0.000209	0.000242	0.000117	0.093	0.00000205	0.000269	0.00045	0.00144	0.000415
2079 Aug	0.000216	0.00108	0.0775	0.00000687	2.05	3.73	0.0332	0.000455	22.1	0.00189	0.00775	0.00021	0.000243	0.000118	0.0932	0.00000206	0.00027	0.000451	0.00144	0.000416
2079 Sep	0.000216	0.00108	0.0775	0.00000688	2.05	3.73	0.0332	0.000456	22.1	0.00189	0.00776	0.00021	0.000243	0.000118	0.0932	0.00000206	0.00027	0.000451	0.00144	0.000416
2079 Oct	0.000216	0.00108	0.0776	0.00000688	2.05	3.72	0.0332	0.000456	22	0.00189	0.00776	0.00021	0.000243	0.000118	0.0932	0.00000206	0.00027	0.000451	0.00144	0.000415
2079 Nov	0.000216	0.00108	0.0776	0.00000688	2.05	3.72	0.0332	0.000456	22	0.00189	0.00776	0.00021	0.000243	0.000118	0.0932	0.00000206	0.00027	0.000451	0.00144	0.000415
2079 Dec	0.000216	0.00108	0.0776	0.00000688	2.05	3.72	0.0332	0.000455	22	0.00189	0.00776	0.00021	0.000243	0.000118	0.0932	0.00000206	0.00027	0.000451	0.00144	0.000415
2080 Jan	0.000216	0.00108	0.0776	0.00000688	2.05	3.72	0.0332	0.000455	22	0.00189	0.00776	0.00021	0.000243	0.000118	0.0932	0.00000206	0.00027	0.000451	0.00144	0.000415
2080 Feb	0.000216	0.00108	0.0776	0.00000688	2.05	3.72	0.0332	0.000455	22	0.00189	0.00776	0.00021	0.000243	0.000118	0.0932	0.00000206	0.00027	0.000451	0.00144	0.000415
2080 Mar	0.000216	0.00108	0.0776	0.00000688	2.05	3.72	0.0332	0.000455	22	0.00189	0.00776	0.00021	0.000243	0.000118	0.0932	0.00000206	0.00027	0.000451	0.00144	0.000415
2080 Apr	0.000216	0.00108	0.0776	0.00000689	2.05	3.72	0.0332	0.000456	22	0.00189	0.00776	0.00021	0.000243	0.000118	0.0932	0.00000206	0.00027	0.000451	0.00144	0.000415
2080 May	0.000216	0.00108	0.0777	0.00000689	2.05	3.73	0.0332	0.000456	22	0.00189	0.00777	0.00021	0.000243	0.000118	0.0933	0.00000206	0.00027	0.000452	0.00144	0.000415
2080 Jun	0.000216	0.00108	0.0779	0.00000691	2.04	3.72	0.0333	0.000454	21.9	0.00189	0.00778	0.00021	0.000243	0.000117	0.0933	0.00000205	0.000269	0.000453	0.00144	0.000414
2080 Jul	0.000216	0.00108	0.0782	0.00000693	2.04	3.72	0.0333	0.000454	21.9	0.00189	0.00779	0.000211	0.000243	0.000117	0.0933	0.00000206	0.000268	0.000454	0.00145	0.000413
2080 Aug	0.000217	0.00108	0.0783	0.00000695	2.05	3.73	0.0334	0.000455	21.9	0.00189	0.0078	0.000211	0.000243	0.000118	0.0935	0.00000206	0.000269	0.000454	0.00145	0.000414
2080 Sep	0.000217	0.00108	0.0784	0.00000696	2.05	3.72	0.0334	0.000455	21.9	0.00189	0.0078	0.000211	0.000243	0.000118	0.0935	0.00000206	0.000269	0.000455	0.00145	0.000414
2080 Oct	0.000217	0.00108	0.0784	0.00000696	2.04	3.72	0.0334	0.000455	21.8	0.00189	0.00781	0.000211	0.000243	0.000117	0.0935	0.00000206	0.000269	0.000455	0.00145	0.000414
2080 Nov	0.000217	0.00108	0.0785	0.00000696	2.04	3.72	0.0334	0.000455	21.8	0.00189	0.00781	0.000211	0.000243	0.000117	0.0935	0.00000206	0.000268	0.000455	0.00145	0.000414
2080 Dec	0.000217	0.00108	0.0785	0.00000696	2.04	3.72	0.0334	0.000455	21.8	0.00189	0.00781	0.000211	0.000243	0.000117	0.0935	0.00000206	0.000268	0.000455	0.00145	0.000414
2081 Jan	0.000217	0.00108	0.0785	0.00000696	2.04	3.72	0.0334	0.000455	21.8	0.00189	0.00781	0.000211	0.000243	0.000117	0.0935	0.00000206	0.000268	0.000455	0.00145	0.000414
2081 Feb	0.000217	0.00108	0.0785	0.00000696	2.04	3.72	0.0334	0.000455	21.8	0.00189	0.00781	0.000211	0.000243	0.000117	0.0935	0.00000206	0.000268	0.000455	0.00145	0.000414
2081 Mar	0.000217	0.00108	0.0785	0.00000696	2.04	3.72	0.0334	0.000455	21.8	0.00189	0.00781	0.000211	0.000243	0.000117	0.0935	0.00000206	0.000268	0.000455	0.00145	0.000414
2081 Apr	0.000217	0.00108	0.0785	0.00000696	2.04	3.72	0.0334	0.000455	21.8	0.00189	0.00781	0.000211	0.000243	0.000117	0.0935	0.00000206	0.000268	0.000455	0.00145	0.000414
2081 May	0.000218	0.00108	0.0789	0.00000698	2.04	3.73	0.0336	0.000455	21.8	0.00189	0.00783	0.000213	0.000243	0.000117	0.0938	0.00000206	0.000268	0.000457	0.00145	0.000413
2081 Jun	0.000219	0.00108	0.0794	0.000007	2.04	3.72	0.0338	0.000454	21.7	0.00189	0.00783	0.000215	0.000243	0.000117	0.0939	0.00000205	0.000266	0.000459	0.00145	0.000411
2081 Jul	0.000219	0.00109	0.0797	0.00000702	2.05	3.74	0.0339	0.000455	21.7	0.0019	0.00786	0.000216	0.000244	0.000118	0.0942	0.00000206	0.000267	0.000461	0.00146	0.000413
2081 Aug	0.00022	0.00109	0.0799	0.00000705	2.05	3.75	0.034	0.000457	21.8	0.0019	0.00789	0.000216	0.000245	0.000118	0.0946	0.00000207	0.000268	0.000462	0.00146	0.000414
2081 Sep	0.00022	0.00109	0.0799	0.00000705	2.05	3.75	0.034	0.000457	21.8	0.0019	0.00789	0.000216	0.000245	0.000118	0.0946	0.00000207	0.000269	0.000462	0.00146	0.000415
2081 Oct	0.00022	0.00109	0.0799	0.00000705	2.05	3.75	0.034	0.000458	21.8	0.0019	0.00789	0.000216	0.000245	0.000118	0.0946	0.00000207	0.000269	0.000462	0.00146	0.000415
2081 Nov	0.00022	0.00109	0.0799	0.00000705	2.05	3.75	0.034	0.000458	21.8	0.0019	0.00789	0.000216	0.000245	0.000118	0.0946	0.00000207	0.000269	0.000462	0.00146	0.000415
2081 Dec	0.00022	0.00109	0.0799	0.00000705	2.05	3.75	0.034	0.000458	21.8	0.0019	0.00789	0.000216	0.000245	0.000118	0.0945	0.00000207	0.000269	0.000462	0.00146	0.000415
2082 Jan	0.00022	0.00109	0.0799	0.00000705	2.05	3.75	0.034	0.000458	21.8	0.0019	0.00789	0.000216	0.000245	0.000118	0.0945	0.00000207	0.000269	0.000462	0.00146	0.000415
2082 Feb	0.00022	0.00109	0.0799	0.00000705	2.05	3.75	0.034	0.000458	21.8	0.0019	0.00789	0.000216	0.000245	0.000118	0.0946	0.00000207	0.000269	0.000462	0.00146	0.000415
2082 Mar	0.00022	0.00109	0.0799	0.00000705	2.05	3.75	0.034	0.000458	21.8	0.0019	0.00789	0.000216	0.000245	0.000118	0.0946	0.00000207	0.000269	0.000462	0.00146	0.000415
2082 Apr	0.00022	0.00109	0.0799	0.00000705	2.05	3.75	0.034	0.000458	21.8	0.0019	0.00789	0.000216	0.000245	0.000118	0.0946	0.00000207	0.000269	0.000462	0.00146	0.000415
2082 May	0.00022	0.00109	0.08	0.00000706	2.06	3.75	0.034	0.000458	21.8	0.0019	0.0079	0.000216	0.000245	0.000118	0.0947	0.00000207	0.000269	0.000463	0.00146	0.000415
2082 Jun	0.00022	0.00108	0.0802	0.00000708	2.04	3.74	0.034	0.000455	21.6	0.0019	0.0079	0.000217	0.000245	0.000118	0.0944	0.00000206	0.000267	0.000464	0.00146	0.000412
2082 Jul	0.00022	0.00108	0.0805	0.0000071	2.04	3.73	0.034	0.000454	21.5	0.00189	0.00791	0.000217	0.000245	0.000117	0.0944	0.00000206	0.000266	0.000465	0.00147	0.000411
2082 Aug	0.000221	0.00109	0.0807	0.00000712	2.04	3.74	0.0341	0.000456	21.5	0.0019	0.00793	0.000217	0.000245	0.000118	0.0946	0.00000206	0.000266	0.000466	0.00147	0.000412
2082 Sep	0.000221	0.00109	0.0808	0.00000713	2.05	3.74	0.0341	0.000456	21.6	0.0019	0.00793	0.000218	0.000245	0.000118	0.0947	0.00000207	0.000267	0.000466	0.00147	0.000412
2082 Oct	0.00022	0.00109	0.0807	0.00000712	2.04	3.74	0.0341	0.000456	21.5	0.0019	0.00793	0.000217	0.000245	0.000118	0.0946	0.00000206	0.000266	0.000465	0.00147	0.000412
2082 Nov	0.00022	0.00109	0.0807	0.00000713	2.04	3.74	0.0341	0.000456	21.5	0.0019	0.00793	0.000217	0.000245	0.000118	0.0946	0.00000206	0.000266	0.000465	0.00147	0.000412
2082 Dec	0.00022	0.00109	0.0807	0.00000713	2.04	3.74	0.0341	0.000456	21.5	0.0019	0.00793	0.000217	0.000245	0.000118	0.0946	0.00000206	0.000266	0.000465	0.00147	0.000412
2083 Jan	0.00022	0.00109	0.0807	0.00000713	2.04	3.74	0.0341	0.000456	21.5	0.0019	0.00793	0.000217	0.000245	0.000118	0.0946	0.00000206	0.000266	0.000465	0.00147	0.000412
2083 Feb	0.00022	0.00109	0.0807	0.00000713	2.04	3.74	0.0341	0.000456	21.5	0.0019	0.00793	0.000217	0.000245	0.000118	0.0946	0.00000206	0.000266	0.000465	0.00147	0.000412
2083 Mar	0.00022	0.00109	0.0807	0.00000713	2.04	3.74	0.0341	0.000456	21.5	0.0019	0.00793	0.000217	0.000245	0.000118	0.0946	0.00000206	0.000266	0.000465	0.00147	0.000412
2083 Apr	0.00022	0.00109	0.0808	0.00000713	2.04	3.74	0.0341	0.000456	21.5	0.0019	0.00793	0.000217	0.000245	0.000118	0.0947	0.00000206	0.000266	0.000466	0.00147	0.000412
2083 May	0.000221	0.00109	0.0811	0.00000714	2.04	3.74	0.0342	0.000456	21.5	0.0019	0.00795	0.000219	0.000245	0.000118	0.0949	0.00000206	0.000266	0.000467	0.00147	0.000411
2083 Jun	0.000223	0.00108	0.0818	0.00000716	2.03	3.74	0.0345	0.000453	21.3	0.00189	0.00795	0.000222	0.000245	0.000117	0.095	0.00000206	0.000263	0.000471	0.00147	0.000408
2083 Jul	0.000223	0.00108	0.082	0.00000718	2.04	3.74	0.0346	0.000454	21.3	0.0019	0.00797	0.000222	0.000245	0.000118	0.0952	0.00000206	0.000264	0.000472	0.00147	0.000409
2083 Aug	0.000223	0.00109	0.0822	0.0000072	2.04	3.75	0.0346	0.000455	21.3	0.0019	0.00798	0.000222	0.000246	0.000118	0.0953	0.00000206	0.000264	0.000473	0.00147	0.00041
2083 Sep	0.000223	0.00109	0.0822	0.0000072	2.04	3.75	0.0346	0.000455	21.3	0.0019	0.00799	0.000222	0.000245	0.000118	0.0953	0.00000206	0.000264	0.000473	0.00147	0.000409
2083 Oct	0.000223	0.00108	0.0823	0.00000721	2.03	3.74	0.0346	0.000454	21.2	0.0019	0.00798	0.000222	0.000245	0.000117	0.0952	0.00000206	0.000263	0.000472	0.00147	0.000408
2083 Nov	0.000223	0.00108	0.0823	0.00000721	2.03	3.74	0.0346	0.000454	21.1	0.00189	0.00798	0.000222	0.000245	0.000117	0.0952	0.00000206	0.000263	0.000472	0.00147	0.000408
2083 Dec	0.000223	0.00108	0.0823	0.00000721	2.03	3.74	0.0346	0.000454	21.2	0.00189	0.00798	0.000222	0.000245	0.000117	0.0952	0.00000206	0.000263	0.000472	0.00147	0.000408
2084 Jan	0.000223	0.00108	0.0823	0.00000721	2.03	3.74	0.0346	0.000454	21.2	0.00189	0.00798	0.000222	0.000245	0.000117	0.0952	0.00000206	0.000263	0.000472	0.00147	0.000408

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Feb	0.000223	0.00108	0.0823	0.00000721	2.03	3.74	0.0346	0.000454	21.2	0.00189	0.00798	0.000222	0.000245	0.000117	0.0952	0.00000206	0.000263	0.000472	0.00147	0.000408
2084 Mar	0.000223	0.00108	0.0823	0.00000721	2.03	3.74	0.0346	0.000454	21.2	0.00189	0.00798	0.000222	0.000245	0.000117	0.0952	0.00000206	0.000263	0.000472	0.00147	0.000408
2084 Apr	0.000223	0.00108	0.0823	0.00000721	2.03	3.74	0.0346	0.000454	21.2	0.00189	0.00799	0.000222	0.000245	0.000117	0.0953	0.00000206	0.000263	0.000472	0.00147	0.000408
2084 May	0.000224	0.00108	0.0828	0.00000723	2.03	3.74	0.0348	0.000454	21.1	0.0019	0.008	0.000224	0.000245	0.000117	0.0955	0.00000206	0.000263	0.000475	0.00148	0.000408
2084 Jun	0.000225	0.00108	0.0833	0.00000724	2.03	3.74	0.035	0.000451	20.9	0.00189	0.008	0.000227	0.000244	0.000117	0.0956	0.00000205	0.000261	0.000477	0.00147	0.000405
2084 Jul	0.000226	0.00108	0.0835	0.00000726	2.03	3.74	0.0351	0.000452	21	0.00189	0.00802	0.000227	0.000245	0.000117	0.0958	0.00000205	0.000261	0.000478	0.00148	0.000406
2084 Aug	0.000226	0.00109	0.0837	0.00000728	2.03	3.75	0.0352	0.000454	21	0.0019	0.00804	0.000227	0.000246	0.000118	0.096	0.00000206	0.000262	0.000479	0.00148	0.000407
2084 Sep	0.000226	0.00109	0.0837	0.00000728	2.04	3.75	0.0352	0.000454	21	0.0019	0.00804	0.000227	0.000246	0.000118	0.096	0.00000206	0.000262	0.000479	0.00148	0.000407
2084 Oct	0.000226	0.00109	0.0837	0.00000728	2.03	3.75	0.0352	0.000454	21	0.0019	0.00804	0.000227	0.000245	0.000117	0.096	0.00000206	0.000262	0.000479	0.00148	0.000406
2084 Nov	0.000226	0.00108	0.0838	0.00000728	2.03	3.75	0.0352	0.000454	20.9	0.0019	0.00804	0.000227	0.000245	0.000117	0.096	0.00000206	0.000262	0.000479	0.00148	0.000406
2084 Dec	0.000226	0.00108	0.0838	0.00000728	2.03	3.75	0.0352	0.000454	20.9	0.0019	0.00804	0.000227	0.000245	0.000117	0.096	0.00000206	0.000262	0.000479	0.00148	0.000406
2085 Jan	0.000226	0.00108	0.0838	0.00000728	2.03	3.75	0.0352	0.000454	20.9	0.0019	0.00804	0.000227	0.000245	0.000117	0.096	0.00000206	0.000262	0.000479	0.00148	0.000406
2085 Feb	0.000226	0.00108	0.0838	0.00000728	2.03	3.75	0.0352	0.000454	20.9	0.0019	0.00804	0.000227	0.000245	0.000117	0.096	0.00000206	0.000262	0.000479	0.00148	0.000406
2085 Mar	0.000226	0.00108	0.0838	0.00000728	2.03	3.75	0.0352	0.000454	20.9	0.0019	0.00804	0.000227	0.000245	0.000117	0.096	0.00000206	0.000262	0.000479	0.00148	0.000406
2085 Apr	0.000226	0.00109	0.0838	0.00000729	2.03	3.75	0.0352	0.000454	20.9	0.0019	0.00804	0.000227	0.000245	0.000117	0.096	0.00000206	0.000262	0.000479	0.00148	0.000406
2085 May	0.000227	0.00109	0.0841	0.0000073	2.03	3.75	0.0353	0.000453	20.9	0.0019	0.00806	0.000229	0.000245	0.000117	0.0962	0.00000206	0.000261	0.000481	0.00148	0.000406
2085 Jun	0.000228	0.00108	0.0846	0.00000732	2.03	3.75	0.0355	0.000452	20.8	0.0019	0.00807	0.000231	0.000245	0.000117	0.0964	0.00000205	0.00026	0.000483	0.00148	0.000404
2085 Jul	0.000229	0.00109	0.0848	0.00000734	2.04	3.76	0.0356	0.000454	20.9	0.0019	0.00809	0.000231	0.000246	0.000118	0.0966	0.00000206	0.000261	0.000485	0.00149	0.000406
2085 Aug	0.000229	0.00109	0.0849	0.00000735	2.04	3.77	0.0356	0.000454	20.9	0.0019	0.00809	0.000231	0.000246	0.000118	0.0967	0.00000206	0.000261	0.000485	0.00149	0.000406
2085 Sep	0.000229	0.00109	0.0849	0.00000735	2.03	3.76	0.0356	0.000454	20.8	0.0019	0.00809	0.000231	0.000246	0.000118	0.0967	0.00000206	0.000261	0.000485	0.00149	0.000406
2085 Oct	0.000229	0.00109	0.085	0.00000735	2.03	3.76	0.0356	0.000454	20.8	0.0019	0.00809	0.000231	0.000246	0.000118	0.0966	0.00000206	0.00026	0.000484	0.00148	0.000405
2085 Nov	0.000229	0.00109	0.085	0.00000735	2.03	3.76	0.0356	0.000454	20.7	0.0019	0.00809	0.000231	0.000245	0.000117	0.0966	0.00000205	0.00026	0.000484	0.00148	0.000405
2085 Dec	0.000229	0.00109	0.085	0.00000735	2.03	3.76	0.0356	0.000454	20.7	0.0019	0.00809	0.000231	0.000246	0.000117	0.0966	0.00000205	0.00026	0.000484	0.00148	0.000405
2086 Jan	0.000229	0.00109	0.085	0.00000735	2.03	3.76	0.0356	0.000454	20.7	0.0019	0.00809	0.000231	0.000246	0.000117	0.0966	0.00000205	0.00026	0.000484	0.00148	0.000405
2086 Feb	0.000229	0.00109	0.085	0.00000735	2.03	3.76	0.0356	0.000454	20.7	0.0019	0.00809	0.000231	0.000246	0.000117	0.0966	0.00000205	0.00026	0.000484	0.00148	0.000405
2086 Mar	0.000229	0.00109	0.085	0.00000735	2.03	3.76	0.0356	0.000454	20.7	0.0019	0.00809	0.000231	0.000246	0.000117	0.0966	0.00000205	0.00026	0.000484	0.00148	0.000405
2086 Apr	0.000229	0.00109	0.085	0.00000736	2.03	3.76	0.0356	0.000454	20.7	0.0019	0.0081	0.000231	0.000246	0.000117	0.0966	0.00000206	0.00026	0.000484	0.00148	0.000405
2086 May	0.000229	0.00109	0.0852	0.00000737	2.03	3.76	0.0357	0.000454	20.7	0.0019	0.00811	0.000232	0.000246	0.000118	0.0967	0.00000206	0.00026	0.000485	0.00149	0.000405
2086 Jun	0.00023	0.00108	0.0858	0.00000738	2.02	3.75	0.0359	0.000451	20.5	0.00189	0.00811	0.000234	0.000245	0.000117	0.0968	0.00000205	0.000258	0.000488	0.00149	0.000402
2086 Jul	0.000231	0.00109	0.0861	0.00000741	2.03	3.76	0.036	0.000452	20.6	0.0019	0.00813	0.000235	0.000246	0.000117	0.097	0.00000205	0.000258	0.00049	0.00149	0.000403
2086 Aug	0.000231	0.00109	0.0862	0.00000743	2.03	3.77	0.0361	0.000453	20.6	0.0019	0.00815	0.000235	0.000246	0.000118	0.0972	0.00000206	0.000259	0.00049	0.00149	0.000404
2086 Sep	0.000231	0.00109	0.0863	0.00000743	2.03	3.77	0.0361	0.000454	20.6	0.0019	0.00815	0.000235	0.000246	0.000118	0.0972	0.00000206	0.000259	0.00049	0.00149	0.000404
2086 Oct	0.000231	0.00109	0.0863	0.00000744	2.03	3.77	0.0361	0.000454	20.6	0.0019	0.00815	0.000235	0.000246	0.000118	0.0972	0.00000206	0.000259	0.00049	0.00149	0.000403
2086 Nov	0.000231	0.00109	0.0863	0.00000744	2.03	3.77	0.0361	0.000454	20.6	0.0019	0.00815	0.000235	0.000246	0.000118	0.0973	0.00000206	0.000259	0.00049	0.00149	0.000404
2086 Dec	0.000231	0.00109	0.0863	0.00000744	2.03	3.77	0.0361	0.000454	20.6	0.0019	0.00815	0.000235	0.000246	0.000118	0.0973	0.00000206	0.000259	0.00049	0.00149	0.000404
2087 Jan	0.000231	0.00109	0.0863	0.00000744	2.03	3.77	0.0361	0.000454	20.6	0.0019	0.00815	0.000235	0.000246	0.000118	0.0973	0.00000206	0.000259	0.00049	0.00149	0.000404
2087 Feb	0.000231	0.00109	0.0863	0.00000744	2.03	3.77	0.0361	0.000454	20.6	0.0019	0.00816	0.000235	0.000246	0.000118	0.0973	0.00000206	0.000259	0.000491	0.00149	0.000404
2087 Mar	0.000231	0.00109	0.0863	0.00000744	2.03	3.77	0.0361	0.000454	20.6	0.0019	0.00816	0.000235	0.000246	0.000118	0.0973	0.00000206	0.000259	0.000491	0.00149	0.000404
2087 Apr	0.000231	0.00109	0.0863	0.00000744	2.03	3.77	0.0361	0.000454	20.6	0.0019	0.00816	0.000235	0.000246	0.000118	0.0973	0.00000206	0.000259	0.000491	0.00149	0.000404
2087 May	0.000232	0.00109	0.0865	0.00000745	2.03	3.77	0.0362	0.000454	20.5	0.0019	0.00816	0.000236	0.000246	0.000118	0.0974	0.00000206	0.000259	0.000492	0.00149	0.000403
2087 Jun	0.000233	0.00109	0.087	0.00000746	2.03	3.77	0.0364	0.000452	20.4	0.0019	0.00817	0.000238	0.000246	0.000117	0.0976	0.00000205	0.000257	0.000494	0.00149	0.000401
2087 Jul	0.000233	0.00109	0.0872	0.00000748	2.03	3.77	0.0364	0.000453	20.4	0.0019	0.00819	0.000239	0.000247	0.000118	0.0978	0.00000206	0.000258	0.000495	0.0015	0.000402
2087 Aug	0.000234	0.00109	0.0874	0.0000075	2.04	3.78	0.0365	0.000454	20.5	0.00191	0.00821	0.000239	0.000247	0.000118	0.098	0.00000206	0.000259	0.000496	0.0015	0.000404
2087 Sep	0.000234	0.00109	0.0875	0.00000751	2.04	3.79	0.0366	0.000455	20.5	0.00191	0.00822	0.000239	0.000248	0.000118	0.0981	0.00000207	0.000259	0.000497	0.0015	0.000404
2087 Oct	0.000234	0.00109	0.0875	0.00000751	2.04	3.79	0.0366	0.000455	20.5	0.00191	0.00822	0.000239	0.000248	0.000118	0.0981	0.00000206	0.000259	0.000497	0.0015	0.000404
2087 Nov	0.000234	0.00109	0.0875	0.00000751	2.04	3.79	0.0366	0.000455	20.5	0.00191	0.00822	0.000239	0.000248	0.000118	0.0981	0.00000206	0.000259	0.000497	0.0015	0.000404
2087 Dec	0.000234	0.00109	0.0875	0.00000751	2.04	3.79	0.0366	0.000455	20.5	0.00191	0.00822	0.000239	0.000248	0.000118	0.0981	0.00000206	0.000259	0.000497	0.0015	0.000404
2088 Jan	0.000234	0.00109	0.0875	0.00000751	2.04	3.79	0.0366	0.000455	20.5	0.00191	0.00822	0.000239	0.000248	0.000118	0.0981	0.00000206	0.000259	0.000497	0.0015	0.000404
2088 Feb	0.000234	0.00109	0.0875	0.00000751	2.04	3.79	0.0366	0.000455	20.5	0.00191	0.00822	0.000239	0.000248	0.000118	0.0981	0.00000206	0.000259	0.000497	0.0015	0.000404
2088 Mar	0.000234	0.00109	0.0876	0.00000751	2.04	3.79	0.0366	0.000455	20.5	0.00191	0.00822	0.000239	0.000248	0.000118	0.0981	0.00000206	0.000259	0.000497	0.0015	0.000404
2088 Apr	0.000234	0.00109	0.0876	0.00000752	2.04	3.79	0.0366	0.000456	20.5	0.00191	0.00823	0.000239	0.000248	0.000118	0.0982	0.00000207	0.00026	0.000497	0.0015	0.000404
2088 May	0.000234	0.00109	0.0877	0.00000753	2.04	3.79	0.0366	0.000456	20.5	0.00191	0.00824	0.00024	0.000248	0.000118	0.0983	0.00000207	0.00026	0.000498	0.0015	0.000405
2088 Jun	0.000234	0.00109	0.0879	0.00000754	2.03	3.78	0.0367	0.000454	20.4	0.00191	0.00824	0.00024	0.000248	0.000118	0.0982	0.00000206	0.000258	0.000499	0.00151	0.000403
2088 Jul	0.000235	0.00109	0.0882	0.00000757	2.04	3.79	0.0368	0.000455	20.4	0.00191	0.00827	0.000241	0.000248	0.000118	0.0984	0.00000207	0.000259	0.0005	0.00151	0.000404
2088 Aug	0.000236	0.0011	0.0886	0.0000076	2.05	3.81	0.0369	0.000457	20.5	0.00192	0.0083	0.000242	0.000249	0.000119	0.0988	0.00000208	0.00026	0.000502	0.00152	0.000405
2088 Sep	0.000236	0.0011	0.0886	0.00000761	2.05	3.81	0.0369	0.000458	20.5	0.00192	0.0083	0.000242	0.00025	0.000119	0.0989	0.00000208	0.00026	0.000502	0.00152	0.000406
2088 Oct	0.000236	0.0011	0.0885	0.0000076	2.05	3.8	0.0369	0.000458	20.5	0.00192	0.00829	0.000241	0.000249	0.000119	0.0988	0.00000208	0.00026	0.000501	0.00151	0.000405
2088 Nov	0.000236	0.0011	0.0885	0.0000076	2.04	3.8	0.0368	0.000458	20.5	0.00192	0.00829	0.000241	0.000249	0.000119	0.0987	0.00000207	0.00026	0.000501	0.00151	0.000405
2088 Dec	0.000236	0.0011	0.0885	0.0000076	2.04	3.8	0.0368	0.000458	20.5	0.00192	0.00829	0.000241	0.000249	0.000119	0.0987	0.00000207	0.00026	0.000501	0.00151	0.000405
2089 Jan	0.000236	0.0011	0.0885	0.0000076	2.04	3.8	0.0368	0.000458	20.5	0.00192	0.00829	0.000241	0.000249	0.000119	0.0987	0.00000207	0.00026	0.000501	0.00151	0.000405
2089 Feb	0.000236	0.0011	0.0885	0.0000076	2.04	3.8	0.0368	0.000458	20.5	0.00192	0.00829	0.000241	0.000249	0.000119	0.0987	0.00000207	0.00026	0.000501	0.00151	0.000405
2089 Mar	0.000236	0.0011	0.0885	0.0000076	2.04	3.8	0.0369	0.000458	20.5	0.00192	0.00829	0.000241	0.000249	0.000119	0.0987	0.00000208	0.00026	0.000501	0.00151	0.000405
2089 Apr	0.000236	0.0011	0.0886	0.0000076	2.05	3.81	0.0369	0.000458	20.5	0.00192	0.0083	0.000241	0.000249	0.000119	0.0988	0.00000208	0.00026	0.000502	0.00151	0.000405
2089 May	0.000236	0.0011	0.0888	0.00000761	2.05	3.81	0.037	0.000458	20.5	0.00192	0.00831	0.000243	0.000249	0.000119	0.099	0.00000208	0.00026	0.000503	0.00152	0.000405
2089 Jun	0.000238	0.0011	0.0894	0.00000763	2.04	3.81	0.0372	0.000457	20.4	0.00192	0.00832	0.000245	0.000249	0.000119	0.0992	0.00000207	0.000259	0.000506	0.00152	0.000404
2089 Jul	0.000238	0.0011	0.0896	0.00000765	2.05	3.82	0.0373	0.000458	20.4	0.00192	0.00834	0.000245	0.00025	0.000119	0.0994	0.00000208	0.00026	0.000507	0.00152	0.000405
2089 Aug	0.000239	0.0011	0.0898	0.00000767	2.05	3.83	0.0374	0.000459	20.4	0.00193	0.00836	0.000246	0.000251	0.000119	0.0996	0.00000208	0.00026	0.000508	0.00152	0.000406

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Sep	0.000239	0.0011	0.0899	0.00000768	2.05	3.83	0.0374	0.000459	20.4	0.00193	0.00837	0.000246	0.000251	0.000119	0.0997	0.00000208	0.000261	0.000508	0.00153	0.000406
2089 Oct	0.000238	0.0011	0.0899	0.00000768	2.05	3.82	0.0373	0.000459	20.4	0.00193	0.00836	0.000246	0.00025	0.000119	0.0995	0.00000208	0.00026	0.000508	0.00152	0.000405
2089 Nov	0.000238	0.0011	0.0899	0.00000768	2.05	3.82	0.0374	0.000459	20.3	0.00193	0.00836	0.000246	0.00025	0.000119	0.0995	0.00000208	0.00026	0.000508	0.00152	0.000405
2089 Dec	0.000238	0.0011	0.0899	0.00000768	2.05	3.82	0.0374	0.000459	20.3	0.00193	0.00836	0.000246	0.00025	0.000119	0.0996	0.00000208	0.00026	0.000508	0.00152	0.000405
2090 Jan	0.000238	0.0011	0.0899	0.00000768	2.05	3.82	0.0374	0.000459	20.3	0.00193	0.00836	0.000246	0.00025	0.000119	0.0996	0.00000208	0.00026	0.000508	0.00152	0.000405
2090 Feb	0.000238	0.0011	0.0899	0.00000768	2.05	3.82	0.0374	0.000459	20.3	0.00193	0.00836	0.000246	0.00025	0.000119	0.0996	0.00000208	0.00026	0.000508	0.00152	0.000405
2090 Mar	0.000239	0.0011	0.0899	0.00000768	2.05	3.82	0.0374	0.000459	20.3	0.00193	0.00836	0.000246	0.00025	0.000119	0.0996	0.00000208	0.00026	0.000508	0.00152	0.000405
2090 Apr	0.000239	0.0011	0.0899	0.00000768	2.05	3.82	0.0374	0.000459	20.4	0.00193	0.00836	0.000246	0.00025	0.000119	0.0996	0.00000208	0.00026	0.000508	0.00152	0.000405
2090 May	0.000239	0.0011	0.09	0.00000769	2.05	3.82	0.0374	0.000459	20.4	0.00193	0.00837	0.000246	0.00025	0.000119	0.0997	0.00000208	0.00026	0.000508	0.00152	0.000405
2090 Jun	0.00024	0.0011	0.0906	0.0000077	2.04	3.81	0.0376	0.000456	20.1	0.00192	0.00837	0.000249	0.000249	0.000119	0.0997	0.00000207	0.000257	0.000511	0.00152	0.000402
2090 Jul	0.00024	0.0011	0.0909	0.00000773	2.04	3.82	0.0377	0.000457	20.2	0.00192	0.0084	0.000249	0.00025	0.000119	0.0999	0.00000208	0.000258	0.000512	0.00153	0.000403
2090 Aug	0.00024	0.0011	0.0909	0.00000774	2.04	3.82	0.0377	0.000457	20.1	0.00192	0.0084	0.000249	0.00025	0.000119	0.0999	0.00000208	0.000257	0.000512	0.00153	0.000402
2090 Sep	0.00024	0.0011	0.091	0.00000774	2.04	3.81	0.0377	0.000456	20	0.00192	0.0084	0.000249	0.000249	0.000118	0.0999	0.00000207	0.000257	0.000512	0.00153	0.000402
2090 Oct	0.00024	0.0011	0.091	0.00000774	2.03	3.8	0.0376	0.000456	19.9	0.00191	0.00839	0.000249	0.000249	0.000118	0.0997	0.00000207	0.000256	0.000511	0.00152	0.0004
2090 Nov	0.00024	0.0011	0.091	0.00000774	2.03	3.8	0.0376	0.000455	19.9	0.00191	0.00839	0.000249	0.000248	0.000118	0.0996	0.00000207	0.000255	0.000511	0.00152	0.0004
2090 Dec	0.00024	0.0011	0.091	0.00000774	2.03	3.8	0.0376	0.000455	19.9	0.00191	0.00839	0.000249	0.000248	0.000118	0.0997	0.00000207	0.000255	0.000511	0.00152	0.0004
2091 Jan	0.00024	0.0011	0.091	0.00000774	2.03	3.8	0.0376	0.000455	19.9	0.00191	0.00839	0.000249	0.000248	0.000118	0.0997	0.00000207	0.000255	0.000511	0.00152	0.0004
2091 Feb	0.00024	0.0011	0.091	0.00000774	2.03	3.8	0.0376	0.000455	19.9	0.00191	0.00839	0.000249	0.000248	0.000118	0.0997	0.00000207	0.000255	0.000511	0.00152	0.0004
2091 Mar	0.00024	0.0011	0.091	0.00000774	2.03	3.8	0.0376	0.000455	19.9	0.00191	0.00839	0.000249	0.000248	0.000118	0.0997	0.00000207	0.000255	0.000511	0.00152	0.0004
2091 Apr	0.00024	0.0011	0.091	0.00000774	2.03	3.8	0.0376	0.000456	19.9	0.00191	0.00839	0.000249	0.000248	0.000118	0.0997	0.00000207	0.000255	0.000511	0.00152	0.0004
2091 May	0.000241	0.0011	0.0913	0.00000775	2.03	3.8	0.0377	0.000456	19.9	0.00192	0.00841	0.00025	0.000249	0.000118	0.0999	0.00000207	0.000255	0.000513	0.00152	0.0004
2091 Jun	0.000242	0.0011	0.0919	0.00000777	2.03	3.8	0.038	0.000453	19.7	0.00191	0.00841	0.000252	0.000248	0.000118	0.1	0.00000206	0.000253	0.000516	0.00152	0.000397
2091 Jul	0.000243	0.0011	0.0922	0.0000078	2.03	3.81	0.0381	0.000455	19.8	0.00192	0.00844	0.000253	0.000249	0.000118	0.1	0.00000207	0.000254	0.000517	0.00153	0.000399
2091 Aug	0.000243	0.0011	0.0923	0.00000781	2.03	3.81	0.0381	0.000456	19.8	0.00192	0.00845	0.000253	0.000249	0.000118	0.1	0.00000207	0.000255	0.000517	0.00153	0.000399
2091 Sep	0.000243	0.0011	0.0923	0.00000781	2.03	3.81	0.0381	0.000456	19.8	0.00192	0.00845	0.000253	0.000249	0.000118	0.1	0.00000207	0.000254	0.000517	0.00153	0.000399
2091 Oct	0.000243	0.0011	0.0923	0.00000781	2.03	3.81	0.0381	0.000455	19.7	0.00192	0.00845	0.000253	0.000249	0.000118	0.1	0.00000207	0.000254	0.000517	0.00153	0.000398
2091 Nov	0.000242	0.0011	0.0923	0.00000781	2.03	3.8	0.0381	0.000455	19.7	0.00191	0.00844	0.000253	0.000248	0.000118	0.1	0.00000207	0.000253	0.000517	0.00153	0.000398
2091 Dec	0.000242	0.0011	0.0923	0.00000781	2.03	3.8	0.0381	0.000455	19.7	0.00191	0.00844	0.000253	0.000248	0.000118	0.1	0.00000207	0.000253	0.000517	0.00153	0.000398
2092 Jan	0.000242	0.0011	0.0923	0.00000781	2.03	3.8	0.0381	0.000455	19.7	0.00191	0.00844	0.000253	0.000248	0.000118	0.1	0.00000207	0.000253	0.000517	0.00153	0.000398
2092 Feb	0.000242	0.0011	0.0923	0.00000781	2.03	3.8	0.0381	0.000455	19.7	0.00191	0.00844	0.000253	0.000248	0.000118	0.1	0.00000207	0.000253	0.000517	0.00153	0.000398
2092 Mar	0.000242	0.0011	0.0923	0.00000781	2.03	3.8	0.0381	0.000455	19.7	0.00191	0.00845	0.000253	0.000248	0.000118	0.1	0.00000207	0.000253	0.000517	0.00153	0.000398
2092 Apr	0.000243	0.0011	0.0924	0.00000781	2.03	3.8	0.0381	0.000455	19.7	0.00191	0.00845	0.000253	0.000248	0.000118	0.1	0.00000207	0.000254	0.000517	0.00153	0.000398
2092 May	0.000243	0.0011	0.0926	0.00000783	2.03	3.81	0.0382	0.000455	19.7	0.00191	0.00846	0.000254	0.000249	0.000118	0.1	0.00000207	0.000253	0.000518	0.00153	0.000398
2092 Jun	0.000244	0.00109	0.0932	0.00000783	2.01	3.79	0.0384	0.000451	19.4	0.0019	0.00845	0.000257	0.000247	0.000117	0.1	0.00000206	0.00025	0.000521	0.00153	0.000393
2092 Jul	0.000244	0.00109	0.0934	0.00000785	2.01	3.79	0.0385	0.000451	19.4	0.0019	0.00846	0.000257	0.000247	0.000117	0.101	0.00000206	0.00025	0.000522	0.00153	0.000393
2092 Aug	0.000245	0.0011	0.0936	0.00000787	2.02	3.8	0.0386	0.000453	19.4	0.00191	0.00849	0.000258	0.000248	0.000118	0.101	0.00000206	0.000251	0.000523	0.00153	0.000395
2092 Sep	0.000245	0.0011	0.0937	0.00000787	2.02	3.8	0.0386	0.000453	19.4	0.00191	0.00849	0.000258	0.000248	0.000118	0.101	0.00000206	0.000251	0.000523	0.00153	0.000395
2092 Oct	0.000245	0.0011	0.0937	0.00000788	2.02	3.8	0.0386	0.000453	19.4	0.00191	0.00849	0.000258	0.000248	0.000118	0.101	0.00000206	0.000251	0.000523	0.00153	0.000395
2092 Nov	0.000245	0.0011	0.0937	0.00000788	2.02	3.8	0.0386	0.000453	19.4	0.00191	0.00849	0.000258	0.000248	0.000118	0.101	0.00000206	0.000251	0.000523	0.00153	0.000395
2092 Dec	0.000245	0.0011	0.0937	0.00000788	2.02	3.8	0.0386	0.000453	19.4	0.00191	0.00849	0.000258	0.000248	0.000118	0.101	0.00000206	0.000251	0.000523	0.00153	0.000395
2093 Jan	0.000245	0.0011	0.0937	0.00000788	2.02	3.8	0.0386	0.000453	19.4	0.00191	0.00849	0.000258	0.000248	0.000118	0.101	0.00000206	0.000251	0.000523	0.00153	0.000395
2093 Feb	0.000245	0.0011	0.0937	0.00000788	2.02	3.8	0.0386	0.000453	19.4	0.00191	0.00849	0.000258	0.000248	0.000118	0.101	0.00000206	0.000251	0.000523	0.00153	0.000395
2093 Mar	0.000245	0.0011	0.0937	0.00000788	2.02	3.8	0.0386	0.000453	19.4	0.00191	0.00849	0.000258	0.000248	0.000118	0.101	0.00000206	0.000251	0.000523	0.00153	0.000395
2093 Apr	0.000245	0.0011	0.0937	0.00000788	2.02	3.81	0.0386	0.000453	19.4	0.00191	0.0085	0.000258	0.000248	0.000118	0.101	0.00000206	0.000251	0.000523	0.00153	0.000395
2093 May	0.000246	0.0011	0.0939	0.00000789	2.02	3.81	0.0387	0.000453	19.4	0.00191	0.00851	0.000259	0.000249	0.000118	0.101	0.00000207	0.000251	0.000524	0.00153	0.000395
2093 Jun	0.000247	0.0011	0.0944	0.0000079	2.02	3.8	0.0389	0.000451	19.2	0.00191	0.00851	0.000261	0.000248	0.000118	0.101	0.00000206	0.000249	0.000527	0.00153	0.000393
2093 Jul	0.000247	0.0011	0.0947	0.00000792	2.02	3.81	0.039	0.000452	19.3	0.00191	0.00853	0.000262	0.000249	0.000118	0.101	0.00000207	0.00025	0.000528	0.00154	0.000394
2093 Aug	0.000248	0.0011	0.0949	0.00000794	2.03	3.82	0.0391	0.000454	19.3	0.00192	0.00855	0.000262	0.000249	0.000118	0.102	0.00000207	0.000251	0.000529	0.00154	0.000395
2093 Sep	0.000248	0.0011	0.0949	0.00000795	2.03	3.82	0.0391	0.000454	19.3	0.00192	0.00855	0.000262	0.000249	0.000118	0.102	0.00000207	0.000251	0.000529	0.00154	0.000395
2093 Oct	0.000248	0.0011	0.0949	0.00000794	2.02	3.81	0.039	0.000453	19.2	0.00191	0.00854	0.000262	0.000249	0.000118	0.101	0.00000207	0.00025	0.000528	0.00154	0.000394
2093 Nov	0.000247	0.0011	0.0949	0.00000794	2.02	3.81	0.039	0.000453	19.2	0.00191	0.00854	0.000262	0.000248	0.000118	0.101	0.00000206	0.00025	0.000528	0.00154	0.000394
2093 Dec	0.000248	0.0011	0.0949	0.00000794	2.02	3.81	0.039	0.000453	19.2	0.00191	0.00854	0.000262	0.000248	0.000118	0.101	0.00000206	0.00025	0.000528	0.00154	0.000394
2094 Jan	0.000248	0.0011	0.0949	0.00000794	2.02	3.81	0.039	0.000453	19.2	0.00191	0.00854	0.000262	0.000248	0.000118	0.101	0.00000206	0.00025	0.000528	0.00154	0.000394
2094 Feb	0.000248	0.0011	0.0949	0.00000794	2.02	3.81	0.039	0.000453	19.2	0.00191	0.00854	0.000262	0.000248	0.000118	0.101	0.00000206	0.00025	0.000528	0.00154	0.000394
2094 Mar	0.000248	0.0011	0.0949	0.00000795	2.02	3.81	0.039	0.000453	19.2	0.00191	0.00854	0.000262	0.000248	0.000118	0.101	0.00000206	0.00025	0.000528	0.00154	0.000394
2094 Apr	0.000248	0.0011	0.0949	0.00000795	2.02	3.81	0.039	0.000453	19.2	0.00191	0.00855	0.000262	0.000248	0.000118	0.101	0.00000206	0.00025	0.000528	0.00154	0.000394
2094 May	0.000248	0.0011	0.0952	0.00000796	2.02	3.81	0.0391	0.000453	19.2	0.00191	0.00855	0.000263	0.000248	0.000118	0.102	0.00000206	0.000249	0.00053	0.00154	0.000393
2094 Jun	0.000249	0.0011	0.0957	0.00000797	2.02	3.81	0.0394	0.000452	19.1	0.00191	0.00857	0.000265	0.000248	0.000118	0.102	0.00000206	0.000248	0.000532	0.00154	0.000392
2094 Jul	0.00025	0.0011	0.0961	0.00000801	2.02	3.83	0.0395	0.000454	19.1	0.00192	0.0086	0.000266	0.000249	0.000118	0.102	0.00000207	0.000249	0.000534	0.00155	0.000394
2094 Aug	0.000251	0.00111	0.0964	0.00000804	2.03	3.84	0.0396	0.000455	19.2	0.00193	0.00863	0.000267	0.00025	0.000119	0.103	0.00000208	0.00025	0.000536	0.00155	0.000395
2094 Sep	0.000251	0.00111	0.0964	0.00000804	2.03	3.84	0.0396	0.000456	19.2	0.00193	0.00864	0.000267	0.00025	0.000119	0.103	0.00000208	0.000251	0.000536	0.00155	0.000396
2094 Oct	0.000251	0.00111	0.0963	0.00000804	2.03	3.84	0.0396	0.000456	19.2	0.00192	0.00863	0.000266	0.00025	0.000119	0.102	0.00000208	0.000251	0.000536	0.00155	0.000395
2094 Nov	0.000251	0.0011	0.0963	0.00000803	2.03	3.83	0.0396	0.000455	19.1	0.00192	0.00863	0.000266	0.000249	0.000118	0.102	0.00000207	0.00025	0.000535	0.00155	0.000394
2094 Dec	0.000251	0.0011	0.0963	0.00000803	2.03	3.83	0.0396	0.000455	19.1	0.00192	0.00862	0.000266	0.000249	0.000118	0.102	0.00000207	0.00025	0.000535	0.00155	0.000394
2095 Jan	0.000251	0.0011	0.0963	0.00000803	2.03	3.83	0.0396	0.000455	19.1	0.00192	0.00863	0.000266	0.000249	0.000118	0.102	0.00000207	0.00025	0.000535	0.00155	0.000394
2095 Feb	0.000251	0.0011	0.0963	0.00000803	2.03	3.83	0.0396	0.000455	19.1	0.00192	0.00863	0.000266	0.000249	0.000118	0.102	0.00000207	0.00025	0.000535	0.00155	0.000394
2095 Mar	0.000251	0.0011	0.0963	0.00000803	2.03	3.83	0.0396	0.000455	19.1	0.00192	0.00863	0.000266	0.000249	0.000118	0.102	0.00000207	0.00025	0.000535	0.00155	0.000394

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.000251	0.0011	0.0964	0.00000804	2.03	3.83	0.0396	0.000455	19.1	0.00192	0.00863	0.000266	0.00025	0.000118	0.102	0.00000207	0.00025	0.000535	0.00155	0.000394
2095 May	0.000251	0.0011	0.0966	0.00000805	2.03	3.83	0.0397	0.000455	19.1	0.00192	0.00864	0.000267	0.00025	0.000118	0.103	0.00000207	0.00025	0.000537	0.00155	0.000394
2095 Jun	0.000253	0.00111	0.0971	0.00000807	2.03	3.84	0.0399	0.000455	19.1	0.00192	0.00866	0.000269	0.00025	0.000118	0.103	0.00000208	0.000249	0.000539	0.00155	0.000394
2095 Jul	0.000253	0.00111	0.0974	0.0000081	2.04	3.85	0.04	0.000457	19.1	0.00193	0.00869	0.00027	0.000251	0.000119	0.103	0.00000208	0.00025	0.000541	0.00156	0.000395
2095 Aug	0.000253	0.00111	0.0975	0.0000081	2.04	3.85	0.04	0.000457	19.1	0.00193	0.00869	0.00027	0.000251	0.000119	0.103	0.00000208	0.000251	0.000541	0.00156	0.000396
2095 Sep	0.000254	0.00111	0.0975	0.00000811	2.04	3.86	0.04	0.000458	19.1	0.00193	0.0087	0.00027	0.000251	0.000119	0.103	0.00000208	0.000251	0.000541	0.00156	0.000396
2095 Oct	0.000254	0.00111	0.0976	0.00000811	2.04	3.86	0.0401	0.000458	19.1	0.00193	0.0087	0.00027	0.000251	0.000119	0.103	0.00000208	0.000251	0.000541	0.00156	0.000396
2095 Nov	0.000253	0.00111	0.0976	0.00000811	2.04	3.85	0.04	0.000458	19.1	0.00193	0.0087	0.00027	0.000251	0.000119	0.103	0.00000208	0.000251	0.000541	0.00156	0.000396
2095 Dec	0.000253	0.00111	0.0976	0.00000811	2.04	3.85	0.04	0.000458	19.1	0.00193	0.0087	0.00027	0.000251	0.000119	0.103	0.00000208	0.000251	0.000541	0.00156	0.000396
2096 Jan	0.000253	0.00111	0.0976	0.00000811	2.04	3.85	0.04	0.000458	19.1	0.00193	0.0087	0.00027	0.000251	0.000119	0.103	0.00000208	0.000251	0.000541	0.00156	0.000396
2096 Feb	0.000253	0.00111	0.0976	0.00000811	2.04	3.85	0.04	0.000458	19.1	0.00193	0.0087	0.00027	0.000251	0.000119	0.103	0.00000208	0.000251	0.000541	0.00156	0.000396
2096 Mar	0.000254	0.00111	0.0976	0.00000811	2.04	3.85	0.04	0.000458	19.1	0.00193	0.0087	0.00027	0.000251	0.000119	0.103	0.00000208	0.000251	0.000541	0.00156	0.000396
2096 Apr	0.000254	0.00111	0.0976	0.00000812	2.04	3.85	0.04	0.000458	19.1	0.00193	0.0087	0.00027	0.000251	0.000119	0.103	0.00000208	0.000251	0.000541	0.00156	0.000396
2096 May	0.000254	0.00111	0.0978	0.00000813	2.04	3.86	0.0401	0.000458	19.1	0.00193	0.00871	0.000271	0.000251	0.000119	0.103	0.00000208	0.000251	0.000542	0.00156	0.000396
2096 Jun	0.000255	0.00111	0.0982	0.00000813	2.02	3.84	0.0402	0.000454	18.8	0.00192	0.0087	0.000273	0.00025	0.000118	0.103	0.00000207	0.000247	0.000544	0.00156	0.000392
2096 Jul	0.000255	0.00111	0.0985	0.00000815	2.03	3.84	0.0403	0.000455	18.8	0.00193	0.00872	0.000273	0.00025	0.000118	0.103	0.00000208	0.000248	0.000545	0.00156	0.000393
2096 Aug	0.000256	0.00111	0.0988	0.00000818	2.03	3.86	0.0405	0.000456	18.9	0.00193	0.00875	0.000274	0.000251	0.000119	0.104	0.00000208	0.000249	0.000547	0.00156	0.000394
2096 Sep	0.000256	0.00111	0.0988	0.00000818	2.03	3.86	0.0405	0.000457	18.9	0.00193	0.00875	0.000274	0.000251	0.000119	0.104	0.00000208	0.000249	0.000546	0.00156	0.000394
2096 Oct	0.000255	0.00111	0.0987	0.00000818	2.03	3.85	0.0404	0.000456	18.8	0.00193	0.00874	0.000274	0.00025	0.000119	0.104	0.00000208	0.000248	0.000546	0.00156	0.000393
2096 Nov	0.000255	0.00111	0.0987	0.00000818	2.03	3.85	0.0404	0.000456	18.8	0.00193	0.00874	0.000274	0.00025	0.000119	0.104	0.00000208	0.000248	0.000546	0.00156	0.000393
2096 Dec	0.000255	0.00111	0.0987	0.00000818	2.03	3.85	0.0404	0.000456	18.8	0.00193	0.00874	0.000274	0.00025	0.000119	0.104	0.00000208	0.000248	0.000546	0.00156	0.000393
2097 Jan	0.000255	0.00111	0.0987	0.00000818	2.03	3.85	0.0404	0.000456	18.8	0.00193	0.00874	0.000274	0.00025	0.000119	0.104	0.00000208	0.000248	0.000546	0.00156	0.000393
2097 Feb	0.000255	0.00111	0.0987	0.00000818	2.03	3.85	0.0404	0.000456	18.8	0.00193	0.00874	0.000274	0.00025	0.000119	0.104	0.00000208	0.000248	0.000546	0.00156	0.000393
2097 Mar	0.000255	0.00111	0.0987	0.00000818	2.03	3.85	0.0404	0.000456	18.8	0.00193	0.00875	0.000274	0.00025	0.000119	0.104	0.00000208	0.000248	0.000546	0.00156	0.000393
2097 Apr	0.000256	0.00111	0.0988	0.00000819	2.03	3.85	0.0404	0.000456	18.8	0.00193	0.00875	0.000274	0.00025	0.000119	0.104	0.00000208	0.000248	0.000546	0.00156	0.000393
2097 May	0.000256	0.00111	0.099	0.0000082	2.03	3.85	0.0405	0.000457	18.8	0.00193	0.00876	0.000274	0.000251	0.000119	0.104	0.00000208	0.000248	0.000547	0.00156	0.000394
2097 Jun	0.000257	0.00111	0.0994	0.00000821	2.03	3.85	0.0407	0.000455	18.7	0.00193	0.00877	0.000276	0.00025	0.000119	0.104	0.00000208	0.000247	0.000549	0.00156	0.000392
2097 Jul	0.000258	0.00111	0.0998	0.00000824	2.03	3.87	0.0408	0.000457	18.8	0.00193	0.0088	0.000277	0.000251	0.000119	0.104	0.00000209	0.000248	0.000551	0.00157	0.000394
2097 Aug	0.000258	0.00112	0.1	0.00000826	2.04	3.87	0.0409	0.000458	18.8	0.00194	0.00882	0.000278	0.000252	0.000119	0.105	0.00000209	0.000249	0.000552	0.00157	0.000395
2097 Sep	0.000259	0.00112	0.1	0.00000827	2.04	3.88	0.0409	0.000459	18.8	0.00194	0.00883	0.000278	0.000252	0.000119	0.105	0.00000209	0.000249	0.000553	0.00157	0.000395
2097 Oct	0.000259	0.00112	0.1	0.00000827	2.04	3.88	0.0409	0.000459	18.8	0.00194	0.00883	0.000278	0.000252	0.000119	0.105	0.00000209	0.00025	0.000552	0.00157	0.000396
2097 Nov	0.000258	0.00112	0.1	0.00000827	2.04	3.88	0.0409	0.000459	18.8	0.00194	0.00883	0.000278	0.000252	0.000119	0.105	0.00000209	0.00025	0.000552	0.00157	0.000395
2097 Dec	0.000258	0.00112	0.1	0.00000827	2.04	3.88	0.0409	0.000459	18.8	0.00194	0.00883	0.000278	0.000252	0.000119	0.105	0.00000209	0.00025	0.000552	0.00157	0.000395
2098 Jan	0.000258	0.00112	0.1	0.00000827	2.04	3.88	0.0409	0.000459	18.8	0.00194	0.00883	0.000278	0.000252	0.000119	0.105	0.00000209	0.00025	0.000552	0.00157	0.000395
2098 Feb	0.000258	0.00112	0.1	0.00000827	2.04	3.88	0.0409	0.000459	18.8	0.00194	0.00883	0.000278	0.000252	0.000119	0.105	0.00000209	0.00025	0.000552	0.00157	0.000395
2098 Mar	0.000259	0.00112	0.1	0.00000827	2.04	3.88	0.0409	0.000459	18.8	0.00194	0.00883	0.000278	0.000252	0.000119	0.105	0.00000209	0.00025	0.000552	0.00157	0.000395
2098 Apr	0.000259	0.00112	0.1	0.00000827	2.04	3.88	0.0409	0.000459	18.8	0.00194	0.00883	0.000278	0.000252	0.000119	0.105	0.00000209	0.00025	0.000552	0.00157	0.000396
2098 May	0.00026	0.00112	0.1	0.00000828	2.04	3.88	0.0411	0.000459	18.8	0.00194	0.00884	0.000279	0.000252	0.000119	0.105	0.00000209	0.000249	0.000554	0.00157	0.000395
2098 Jun	0.000261	0.00111	0.101	0.00000828	2.03	3.86	0.0413	0.000455	18.5	0.00193	0.00883	0.000282	0.000251	0.000119	0.105	0.00000208	0.000246	0.000556	0.00157	0.000391
2098 Jul	0.000261	0.00112	0.101	0.00000831	2.04	3.88	0.0414	0.000457	18.6	0.00194	0.00886	0.000283	0.000252	0.000119	0.105	0.00000209	0.000247	0.000558	0.00158	0.000393
2098 Aug	0.000262	0.00112	0.101	0.00000832	2.04	3.88	0.0415	0.000458	18.6	0.00194	0.00887	0.000283	0.000252	0.000119	0.105	0.00000209	0.000248	0.000559	0.00158	0.000394
2098 Sep	0.000261	0.00112	0.101	0.00000832	2.04	3.88	0.0414	0.000457	18.6	0.00194	0.00886	0.000283	0.000252	0.000119	0.105	0.00000209	0.000247	0.000558	0.00157	0.000393
2098 Oct	0.000261	0.00111	0.101	0.00000831	2.03	3.87	0.0414	0.000457	18.5	0.00193	0.00885	0.000282	0.000251	0.000119	0.105	0.00000208	0.000246	0.000557	0.00157	0.000392
2098 Nov	0.000261	0.00111	0.101	0.00000831	2.03	3.86	0.0414	0.000456	18.5	0.00193	0.00885	0.000282	0.000251	0.000119	0.105	0.00000208	0.000246	0.000557	0.00157	0.000391
2098 Dec	0.000261	0.00111	0.101	0.00000831	2.03	3.86	0.0414	0.000456	18.5	0.00193	0.00885	0.000282	0.000251	0.000119	0.105	0.00000208	0.000246	0.000557	0.00157	0.000391
2099 Jan	0.000261	0.00111	0.101	0.00000831	2.03	3.86	0.0414	0.000456	18.5	0.00193	0.00885	0.000282	0.000251	0.000119	0.105	0.00000208	0.000246	0.000557	0.00157	0.000391
2099 Feb	0.000261	0.00111	0.101	0.00000831	2.03	3.86	0.0414	0.000456	18.5	0.00193	0.00885	0.000282	0.000251	0.000119	0.105	0.00000208	0.000246	0.000557	0.00157	0.000391
2099 Mar	0.000261	0.00111	0.101	0.00000831	2.03	3.87	0.0414	0.000456	18.5	0.00193	0.00885	0.000282	0.000251	0.000119	0.105	0.00000208	0.000246	0.000557	0.00157	0.000391
2099 Apr	0.000261	0.00111	0.101	0.00000832	2.03	3.87	0.0414	0.000457	18.5	0.00193	0.00886	0.000282	0.000251	0.000119	0.105	0.00000208	0.000246	0.000558	0.00157	0.000392
2099 May	0.000263	0.00111	0.102	0.00000833	2.03	3.87	0.0417	0.000455	18.4	0.00193	0.00887	0.000285	0.00025	0.000119	0.105	0.00000208	0.000245	0.000561	0.00157	0.00039
2099 Jun	0.000263	0.00111	0.102	0.00000833	2.02	3.86	0.0418	0.000454	18.3	0.00193	0.00887	0.000286	0.00025	0.000118	0.105	0.00000208	0.000244	0.000562	0.00157	0.000389
2099 Jul	0.000264	0.00112	0.103	0.00000836	2.03	3.88	0.042	0.000456	18.3	0.00193	0.0089	0.000287	0.000251	0.000119	0.106	0.00000208	0.000245	0.000564	0.00158	0.00039
2099 Aug	0.000265	0.00112	0.103	0.00000839	2.04	3.89	0.0421	0.000457	18.4	0.00194	0.00892	0.000288	0.000252	0.000119	0.106	0.00000209	0.000246	0.000565	0.00158	0.000392
2099 Sep	0.000265	0.00112	0.103	0.00000839	2.04	3.89	0.042	0.000457	18.4	0.00194	0.00892	0.000287	0.000252	0.000119	0.106	0.00000209	0.000246	0.000565	0.00158	0.000392
2099 Oct	0.000265	0.00112	0.103	0.00000838	2.03	3.88	0.042	0.000457	18.3	0.00194	0.00891	0.000287	0.000251	0.000119	0.106	0.00000208	0.000246	0.000564	0.00158	0.000391
2099 Nov	0.000264	0.00112	0.103	0.00000838	2.03	3.88	0.042	0.000457	18.3	0.00193	0.00891	0.000287	0.000251	0.000119	0.106	0.00000208	0.000245	0.000564	0.00158	0.000391
2099 Dec	0.000264	0.00112	0.103	0.00000838	2.03	3.88	0.042	0.000457	18.3	0.00193	0.00891	0.000287	0.000251	0.000119	0.106	0.00000208	0.000245	0.000564	0.00158	0.000391
2100 Jan	0.000264	0.00112	0.103	0.00000838	2.03	3.88	0.042	0.000457	18.3	0.00193	0.00891	0.000287	0.000251	0.000119	0.106	0.00000208	0.000245	0.000564	0.00158	0.000391
2100 Feb	0.000264	0.00112	0.103	0.00000838	2.03	3.88	0.042	0.000457	18.3	0.00193	0.00891	0.000287	0.000251	0.000119	0.106	0.00000208	0.000245	0.000564	0.00158	0.000391
2100 Mar	0.000264	0.00112	0.103	0.00000838	2.03	3.88	0.042	0.000457	18.3	0.00193	0.00891	0.000287	0.000251	0.000119	0.106	0.00000208	0.000245	0.000564	0.00158	0.000391
2100 Apr	0.000265	0.00112	0.103	0.00000839	2.03	3.88	0.042	0.000457	18.3	0.00194	0.00891	0.000287	0.000251	0.000119	0.106	0.00000208	0.000245	0.000564	0.00158	0.000391
2100 May	0.000266	0.00112	0.103	0.0000084	2.03	3.88	0.0422	0.000456	18.3	0.00194	0.00893	0.000289	0.000251	0.000119	0.106	0.00000208	0.000245	0.000566	0.00158	0.00039
2100 Jun	0.000266	0.00111	0.104	0.00000839	2.02	3.87	0.0423	0.000453	18	0.00193	0.00892	0.000291	0.00025	0.000118	0.106	0.00000208	0.000242	0.000568	0.00157	0.000387
2100 Jul	0.000267	0.00111	0.104	0.00000841	2.02	3.87	0.0424	0.000454	18.1	0.00193	0.00893	0.000291	0.00025	0.000119	0.106	0.00000208	0.000243	0.000569	0.00158	0.000388
2100 Aug	0.000267	0.00111	0.104	0.00000842	2.02	3.87	0.0424	0.000454	18	0.00193	0.00893	0.000291	0.00025	0.000119	0.106	0.00000208	0.000243	0.000569	0.00158	0.000388
2100 Sep	0.000267	0.00111	0.104	0.00000842	2.02	3.87	0.0424	0.000455	18	0.00193	0.00893	0.000291	0.00025	0.000119	0.106	0.00000208	0.000243	0.000569	0.00158	0.000388
2100 Oct	0.000267	0.00111	0.104	0.00000842	2.02	3.87	0.0424	0.000455	18	0.00193	0.00894	0.000291	0.00025	0.000119	0.106	0.00000208	0.000243	0.000569	0.00158	0.000388

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2100 Nov	0.000267	0.00111	0.104	0.00000843	2.02	3.87	0.0424	0.000455	18	0.00193	0.00894	0.000291	0.00025	0.000119	0.106	0.00000208	0.000243	0.000569	0.00158	0.000388
2100 Dec	0.000267	0.00111	0.104	0.00000843	2.02	3.87	0.0424	0.000455	18	0.00193	0.00894	0.000291	0.00025	0.000119	0.106	0.00000208	0.000243	0.000569	0.00158	0.000388
2101 Jan	0.000267	0.00111	0.104	0.00000843	2.02	3.87	0.0424	0.000455	18	0.00193	0.00894	0.000291	0.00025	0.000119	0.106	0.00000208	0.000243	0.000569	0.00158	0.000388
2101 Feb	0.000267	0.00111	0.104	0.00000843	2.02	3.87	0.0424	0.000455	18	0.00193	0.00894	0.000291	0.00025	0.000119	0.106	0.00000208	0.000243	0.000569	0.00158	0.000388
2101 Mar	0.000267	0.00111	0.104	0.00000843	2.02	3.87	0.0424	0.000455	18	0.00193	0.00894	0.000291	0.00025	0.000119	0.106	0.00000208	0.000243	0.000569	0.00158	0.000388
2101 Apr	0.000267	0.00111	0.104	0.00000843	2.02	3.88	0.0424	0.000455	18	0.00193	0.00894	0.000291	0.00025	0.000119	0.106	0.00000208	0.000243	0.000569	0.00158	0.000388
2101 May	0.000268	0.00112	0.104	0.00000844	2.02	3.88	0.0426	0.000454	18	0.00193	0.00895	0.000293	0.00025	0.000119	0.107	0.00000208	0.000243	0.000571	0.00158	0.000388
2101 Jun	0.000268	0.00111	0.105	0.00000844	2.02	3.87	0.0427	0.000453	17.9	0.00193	0.00895	0.000294	0.00025	0.000118	0.107	0.00000207	0.000241	0.000572	0.00158	0.000386
2101 Jul	0.000269	0.00112	0.105	0.00000847	2.02	3.88	0.0429	0.000454	17.9	0.00193	0.00898	0.000295	0.000251	0.000119	0.107	0.00000208	0.000242	0.000574	0.00158	0.000387
2101 Aug	0.00027	0.00112	0.105	0.0000085	2.03	3.9	0.043	0.000456	18	0.00194	0.00901	0.000296	0.000251	0.000119	0.107	0.00000209	0.000243	0.000576	0.00159	0.000389
2101 Sep	0.00027	0.00112	0.105	0.0000085	2.03	3.89	0.043	0.000456	18	0.00194	0.009	0.000296	0.000251	0.000119	0.107	0.00000209	0.000243	0.000575	0.00159	0.000389
2101 Oct	0.00027	0.00112	0.105	0.0000085	2.03	3.89	0.043	0.000456	18	0.00194	0.009	0.000296	0.000251	0.000119	0.107	0.00000209	0.000243	0.000575	0.00159	0.000389
2101 Nov	0.00027	0.00112	0.105	0.00000849	2.03	3.89	0.0429	0.000456	17.9	0.00194	0.009	0.000295	0.000251	0.000119	0.107	0.00000208	0.000243	0.000575	0.00158	0.000388
2101 Dec	0.00027	0.00112	0.105	0.00000849	2.03	3.89	0.0429	0.000456	17.9	0.00194	0.009	0.000295	0.000251	0.000119	0.107	0.00000208	0.000243	0.000575	0.00158	0.000388
2102 Jan	0.00027	0.00112	0.105	0.00000849	2.03	3.89	0.0429	0.000456	17.9	0.00194	0.009	0.000295	0.000251	0.000119	0.107	0.00000208	0.000243	0.000575	0.00158	0.000388
2102 Feb	0.00027	0.00112	0.105	0.00000849	2.03	3.89	0.0429	0.000456	17.9	0.00194	0.009	0.000295	0.000251	0.000119	0.107	0.00000208	0.000243	0.000575	0.00158	0.000388
2102 Mar	0.00027	0.00112	0.105	0.0000085	2.03	3.89	0.0429	0.000456	17.9	0.00194	0.009	0.000295	0.000251	0.000119	0.107	0.00000208	0.000243	0.000575	0.00158	0.000388
2102 Apr	0.00027	0.00112	0.105	0.0000085	2.03	3.89	0.0429	0.000456	17.9	0.00194	0.009	0.000295	0.000251	0.000119	0.107	0.00000208	0.000243	0.000575	0.00158	0.000388
2102 May	0.00027	0.00112	0.105	0.0000085	2.03	3.89	0.043	0.000456	18	0.00194	0.00901	0.000296	0.000251	0.000119	0.107	0.00000209	0.000243	0.000576	0.00159	0.000389
2102 Jun	0.000269	0.00111	0.105	0.00000851	2.02	3.87	0.0429	0.000453	17.8	0.00193	0.009	0.000295	0.00025	0.000118	0.107	0.00000208	0.000241	0.000575	0.00159	0.000386
2102 Jul	0.000269	0.00111	0.105	0.00000852	2.02	3.87	0.0429	0.000453	17.7	0.00193	0.00901	0.000296	0.00025	0.000118	0.107	0.00000208	0.00024	0.000576	0.00159	0.000386
2102 Aug	0.00027	0.00112	0.106	0.00000854	2.02	3.88	0.043	0.000454	17.7	0.00193	0.00903	0.000296	0.000251	0.000119	0.107	0.00000208	0.000241	0.000577	0.00159	0.000387
2102 Sep	0.00027	0.00112	0.106	0.00000855	2.02	3.88	0.043	0.000455	17.7	0.00193	0.00903	0.000296	0.000251	0.000119	0.107	0.00000208	0.000241	0.000577	0.00159	0.000387
2102 Oct	0.00027	0.00112	0.106	0.00000854	2.02	3.87	0.0429	0.000454	17.7	0.00193	0.00902	0.000296	0.00025	0.000118	0.107	0.00000208	0.000241	0.000576	0.00159	0.000386
2102 Nov	0.00027	0.00112	0.106	0.00000854	2.02	3.87	0.0429	0.000454	17.7	0.00193	0.00902	0.000296	0.000251	0.000118	0.107	0.00000208	0.000241	0.000576	0.00159	0.000386
2102 Dec	0.00027	0.00112	0.106	0.00000854	2.02	3.87	0.0429	0.000454	17.7	0.00193	0.00902	0.000296	0.000251	0.000118	0.107	0.00000208	0.000241	0.000576	0.00159	0.000386
2103 Jan	0.00027	0.00112	0.106	0.00000854	2.02	3.87	0.0429	0.000454	17.7	0.00193	0.00902	0.000296	0.000251	0.000118	0.107	0.00000208	0.000241	0.000576	0.00159	0.000386
2103 Feb	0.00027	0.00112	0.106	0.00000854	2.02	3.87	0.0429	0.000454	17.7	0.00193	0.00902	0.000296	0.000251	0.000118	0.107	0.00000208	0.000241	0.000576	0.00159	0.000386
2103 Mar	0.00027	0.00112	0.106	0.00000854	2.02	3.87	0.0429	0.000454	17.7	0.00193	0.00903	0.000296	0.000251	0.000118	0.107	0.00000208	0.000241	0.000576	0.00159	0.000386
2103 Apr	0.00027	0.00112	0.106	0.00000855	2.02	3.88	0.043	0.000454	17.7	0.00193	0.00903	0.000296	0.000251	0.000119	0.107	0.00000208	0.000241	0.000577	0.00159	0.000386
2103 May	0.000271	0.00112	0.106	0.00000856	2.02	3.88	0.0431	0.000454	17.7	0.00193	0.00904	0.000297	0.000251	0.000119	0.107	0.00000208	0.000241	0.000578	0.00159	0.000386
2103 Jun	0.000271	0.00111	0.106	0.00000855	2.01	3.86	0.0432	0.000451	17.5	0.00192	0.00903	0.000299	0.00025	0.000118	0.107	0.00000207	0.000238	0.00058	0.00159	0.000383
2103 Jul	0.000272	0.00111	0.107	0.00000857	2.01	3.87	0.0433	0.000451	17.5	0.00192	0.00905	0.0003	0.00025	0.000118	0.107	0.00000208	0.000239	0.000581	0.00159	0.000384
2103 Aug	0.000272	0.00111	0.107	0.00000858	2.01	3.87	0.0433	0.000452	17.5	0.00193	0.00905	0.0003	0.00025	0.000118	0.107	0.00000208	0.000239	0.000581	0.00159	0.000384
2103 Sep	0.000272	0.00111	0.107	0.00000858	2.01	3.86	0.0433	0.000451	17.4	0.00192	0.00905	0.0003	0.00025	0.000118	0.107	0.00000207	0.000238	0.000581	0.00159	0.000383
2103 Oct	0.000271	0.00111	0.107	0.00000858	2	3.85	0.0432	0.000451	17.3	0.00192	0.00904	0.000299	0.000249	0.000118	0.107	0.00000207	0.000237	0.000579	0.00159	0.000382
2103 Nov	0.000271	0.00111	0.107	0.00000858	2	3.85	0.0432	0.00045	17.3	0.00192	0.00904	0.000299	0.000249	0.000118	0.107	0.00000207	0.000237	0.000579	0.00158	0.000382
2103 Dec	0.000271	0.00111	0.107	0.00000858	2	3.85	0.0432	0.00045	17.3	0.00192	0.00904	0.000299	0.000249	0.000118	0.107	0.00000207	0.000237	0.000579	0.00158	0.000382
2104 Jan	0.000271	0.00111	0.107	0.00000858	2	3.85	0.0432	0.00045	17.3	0.00192	0.00904	0.000299	0.000249	0.000118	0.107	0.00000207	0.000237	0.000579	0.00158	0.000382
2104 Feb	0.000271	0.00111	0.107	0.00000858	2	3.85	0.0432	0.00045	17.3	0.00192	0.00904	0.000299	0.000249	0.000118	0.107	0.00000207	0.000237	0.000579	0.00158	0.000382
2104 Mar	0.000271	0.00111	0.107	0.00000858	2	3.85	0.0432	0.00045	17.3	0.00192	0.00904	0.000299	0.000249	0.000118	0.107	0.00000207	0.000237	0.000579	0.00158	0.000382
2104 Apr	0.000271	0.00111	0.107	0.00000858	2	3.85	0.0432	0.000451	17.3	0.00192	0.00904	0.000299	0.000249	0.000118	0.107	0.00000207	0.000237	0.00058	0.00159	0.000382
2104 May	0.000272	0.00111	0.107	0.00000859	2	3.86	0.0434	0.00045	17.3	0.00192	0.00906	0.000301	0.000249	0.000118	0.107	0.00000207	0.000237	0.000582	0.00159	0.000381
2104 Jun	0.000273	0.00111	0.107	0.00000858	1.99	3.84	0.0435	0.000447	17.1	0.00191	0.00904	0.000302	0.000248	0.000117	0.107	0.00000206	0.000235	0.000582	0.00158	0.000379
2104 Jul	0.000273	0.00111	0.107	0.00000861	2	3.85	0.0436	0.000448	17.1	0.00191	0.00906	0.000303	0.000248	0.000117	0.107	0.00000207	0.000235	0.000584	0.00159	0.00038
2104 Aug	0.000274	0.00111	0.108	0.00000862	2	3.86	0.0436	0.000449	17.2	0.00192	0.00908	0.000303	0.000249	0.000118	0.108	0.00000207	0.000236	0.000584	0.00159	0.000381
2104 Sep	0.000273	0.00111	0.108	0.00000862	2	3.85	0.0436	0.000449	17.1	0.00192	0.00907	0.000303	0.000248	0.000118	0.108	0.00000207	0.000236	0.000584	0.00159	0.00038
2104 Oct	0.000273	0.00111	0.108	0.00000862	2	3.85	0.0436	0.000449	17.1	0.00191	0.00907	0.000303	0.000248	0.000117	0.107	0.00000206	0.000235	0.000583	0.00159	0.00038
2104 Nov	0.000273	0.00111	0.108	0.00000862	1.99	3.85	0.0436	0.000449	17.1	0.00191	0.00907	0.000303	0.000248	0.000117	0.107	0.00000206	0.000235	0.000583	0.00159	0.000379
2104 Dec	0.000273	0.00111	0.108	0.00000862	1.99	3.85	0.0436	0.000449	17.1	0.00191	0.00907	0.000303	0.000248	0.000117	0.107	0.00000206	0.000235	0.000583	0.00159	0.000379
2105 Jan	0.000273	0.00111	0.108	0.00000862	1.99	3.85	0.0436	0.000449	17.1	0.00191	0.00907	0.000303	0.000248	0.000117	0.107	0.00000206	0.000235	0.000583	0.00159	0.000379
2105 Feb	0.000273	0.00111	0.108	0.00000862	1.99	3.85	0.0436	0.000449	17.1	0.00191	0.00907	0.000303	0.000248	0.000117	0.107	0.00000206	0.000235	0.000583	0.00159	0.000379
2105 Mar	0.000273	0.00111	0.108	0.00000862	1.99	3.85	0.0436	0.000449	17.1	0.00191	0.00907	0.000303	0.000248	0.000117	0.107	0.00000206	0.000235	0.000583	0.00159	0.000379
2105 Apr	0.000273	0.00111	0.108	0.00000862	2	3.85	0.0436	0.000449	17.1	0.00191	0.00907	0.000303	0.000248	0.000117	0.107	0.00000206	0.000235	0.000583	0.00159	0.00038
2105 May	0.000274	0.00111	0.108	0.00000863	2	3.85	0.0437	0.000449	17	0.00191	0.00908	0.000304	0.000248	0.000117	0.108	0.00000206	0.000235	0.000585	0.00159	0.000379
2105 Jun	0.000275	0.00111	0.108	0.00000864	1.99	3.85	0.0439	0.000448	17	0.00191	0.00909	0.000305	0.000248	0.000117	0.108	0.00000206	0.000234	0.000587	0.00159	0.000378
2105 Jul	0.000275	0.00111	0.108	0.00000866	2	3.86	0.044	0.000449	17	0.00192	0.00911	0.000306	0.000248	0.000118	0.108	0.00000207	0.000235	0.000588	0.00159	0.000379
2105 Aug	0.000275	0.00111	0.108	0.00000866	2	3.85	0.0439	0.000449	17	0.00192	0.00911	0.000306	0.000248	0.000117	0.108	0.00000207	0.000235	0.000587	0.00159	0.000379
2105 Sep	0.000275	0.00111	0.108	0.00000866	1.99	3.84	0.0439	0.000448	16.9	0.00191	0.0091	0.000305	0.000247	0.000117	0.108	0.00000206	0.000234	0.000586	0.00159	0.000378
2105 Oct	0.000274	0.00111	0.108	0.00000865	1.99	3.84	0.0438	0.000448	16.8	0.00191	0.00909	0.000305	0.000247	0.000117	0.108	0.00000206	0.000233	0.000586	0.00158	0.000377
2105 Nov	0.000274	0.00111	0.108	0.00000865	1.99	3.83	0.0438	0.000447	16.8	0.0019	0.00909	0.000305	0.000246	0.000117	0.108	0.00000206	0.000233	0.000585	0.00158	0.000377
2105 Dec	0.000274	0.00111	0.108	0.00000865	1.99	3.83	0.0438	0.000447	16.8	0.0019	0.00909	0.000305	0.000246	0.000117	0.108	0.00000206	0.000233	0.000585	0.00158	0.000377
2106 Jan	0.000274	0.00111	0.108	0.00000865	1.99	3.83	0.0438	0.000447	16.8	0.0019	0.00909	0.000305	0.000246	0.000117	0.108	0.00000206	0.000233	0.000585	0.00158	0.000377
2106 Feb	0.000274	0.00111	0.108	0.00000865	1.99	3.83	0.0438	0.000447	16.8	0.0019	0.00909	0.000305	0.000246	0.000117	0.108	0.00000206	0.000233	0.000585	0.00158	0.000377
2106 Mar	0.000274	0.00111	0.108	0.00000865	1.99	3.83	0.0438	0.000447	16.8	0.0019	0.00909	0.000305	0.000246	0.000117	0.108	0.00000206	0.000233	0.000585	0.00158	0.000377
2106 Apr	0.000274	0.00111	0.108	0.00000866	1.99	3.83	0.0438	0.000448	16.8	0.00191	0.00909	0.000305	0.000247	0.000117	0.108	0.00000206	0.000233	0.000585	0.00158	0.000377
2106 May	0.000275	0.00111	0.108	0.00000867	1.99	3.84	0.0439	0.000448	16.8	0.00191	0.0091	0.000306	0.000247	0.000117	0.108	0.00000206	0.000233	0.000586	0.00158	0.000377

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Jun	0.000275	0.0011	0.109	0.00000866	1.98	3.82	0.044	0.000445	16.6	0.0019	0.00909	0.000307	0.000246	0.000116	0.108	0.00000205	0.000231	0.000588	0.00158	0.000374
2106 Jul	0.000276	0.00111	0.109	0.00000869	1.98	3.83	0.0441	0.000446	16.6	0.0019	0.00911	0.000308	0.000246	0.000117	0.108	0.00000206	0.000232	0.000589	0.00159	0.000375
2106 Aug	0.000276	0.00111	0.109	0.0000087	1.98	3.83	0.0441	0.000446	16.6	0.0019	0.00912	0.000308	0.000246	0.000117	0.108	0.00000206	0.000232	0.000589	0.00159	0.000376
2106 Sep	0.000276	0.0011	0.109	0.0000087	1.98	3.83	0.044	0.000446	16.6	0.0019	0.00911	0.000307	0.000246	0.000116	0.108	0.00000206	0.000231	0.000588	0.00158	0.000375
2106 Oct	0.000276	0.0011	0.109	0.0000087	1.98	3.82	0.044	0.000446	16.6	0.0019	0.00911	0.000307	0.000246	0.000116	0.108	0.00000205	0.000231	0.000588	0.00158	0.000375
2106 Nov	0.000276	0.0011	0.109	0.0000087	1.98	3.82	0.044	0.000446	16.6	0.0019	0.00912	0.000307	0.000246	0.000116	0.108	0.00000205	0.000231	0.000588	0.00158	0.000375
2106 Dec	0.000276	0.0011	0.109	0.0000087	1.98	3.82	0.044	0.000446	16.6	0.0019	0.00912	0.000307	0.000246	0.000116	0.108	0.00000205	0.000231	0.000588	0.00158	0.000375
2107 Jan	0.000276	0.0011	0.109	0.0000087	1.98	3.82	0.044	0.000446	16.6	0.0019	0.00912	0.000307	0.000246	0.000116	0.108	0.00000205	0.000231	0.000588	0.00158	0.000375
2107 Feb	0.000276	0.0011	0.109	0.0000087	1.98	3.82	0.044	0.000446	16.6	0.0019	0.00912	0.000307	0.000246	0.000116	0.108	0.00000205	0.000231	0.000588	0.00158	0.000375
2107 Mar	0.000276	0.0011	0.109	0.0000087	1.98	3.83	0.044	0.000446	16.6	0.0019	0.00912	0.000307	0.000246	0.000116	0.108	0.00000205	0.000231	0.000588	0.00158	0.000375
2107 Apr	0.000276	0.0011	0.109	0.0000087	1.98	3.83	0.044	0.000446	16.6	0.0019	0.00912	0.000307	0.000246	0.000116	0.108	0.00000205	0.000231	0.000588	0.00158	0.000375
2107 May	0.000276	0.00111	0.109	0.00000871	1.98	3.83	0.0441	0.000446	16.5	0.0019	0.00912	0.000308	0.000246	0.000116	0.108	0.00000205	0.000231	0.000589	0.00159	0.000374
2107 Jun	0.000277	0.0011	0.11	0.00000871	1.98	3.82	0.0443	0.000444	16.5	0.0019	0.00913	0.00031	0.000245	0.000116	0.108	0.00000205	0.00023	0.000591	0.00158	0.000373
2107 Jul	0.000277	0.00111	0.11	0.00000873	1.98	3.83	0.0443	0.000445	16.5	0.0019	0.00914	0.00031	0.000246	0.000116	0.108	0.00000206	0.000231	0.000592	0.00159	0.000374
2107 Aug	0.000278	0.00111	0.11	0.00000875	1.98	3.84	0.0444	0.000447	16.5	0.00191	0.00916	0.000311	0.000246	0.000117	0.108	0.00000206	0.000231	0.000593	0.00159	0.000375
2107 Sep	0.000278	0.00111	0.11	0.00000876	1.98	3.84	0.0444	0.000447	16.5	0.00191	0.00917	0.000311	0.000247	0.000117	0.108	0.00000206	0.000231	0.000593	0.00159	0.000375
2107 Oct	0.000278	0.00111	0.11	0.00000876	1.98	3.84	0.0444	0.000447	16.5	0.00191	0.00917	0.000311	0.000246	0.000117	0.108	0.00000206	0.000231	0.000593	0.00159	0.000375
2107 Nov	0.000278	0.00111	0.11	0.00000876	1.98	3.84	0.0444	0.000447	16.5	0.0019	0.00917	0.000311	0.000246	0.000117	0.108	0.00000206	0.000231	0.000593	0.00159	0.000375
2107 Dec	0.000278	0.00111	0.11	0.00000876	1.98	3.84	0.0444	0.000447	16.5	0.0019	0.00917	0.000311	0.000246	0.000117	0.108	0.00000206	0.000231	0.000593	0.00159	0.000375
2108 Jan	0.000278	0.00111	0.11	0.00000876	1.98	3.84	0.0444	0.000447	16.5	0.0019	0.00917	0.000311	0.000246	0.000117	0.108	0.00000206	0.000231	0.000593	0.00159	0.000375
2108 Feb	0.000278	0.00111	0.11	0.00000876	1.98	3.84	0.0444	0.000447	16.5	0.0019	0.00917	0.000311	0.000246	0.000117	0.108	0.00000206	0.000231	0.000593	0.00159	0.000375
2108 Mar	0.000278	0.00111	0.11	0.00000876	1.98	3.84	0.0444	0.000447	16.5	0.0019	0.00917	0.000311	0.000246	0.000117	0.108	0.00000206	0.000231	0.000593	0.00159	0.000375
2108 Apr	0.000278	0.00111	0.11	0.00000876	1.98	3.84	0.0444	0.000447	16.5	0.00191	0.00917	0.000311	0.000246	0.000117	0.108	0.00000206	0.000231	0.000593	0.00159	0.000375
2108 May	0.000278	0.00111	0.11	0.00000877	1.99	3.84	0.0445	0.000448	16.5	0.00191	0.00918	0.000311	0.000247	0.000117	0.109	0.00000206	0.000232	0.000594	0.00159	0.000376
2108 Jun	0.000279	0.00111	0.11	0.00000878	1.98	3.84	0.0445	0.000446	16.4	0.0019	0.00919	0.000312	0.000246	0.000117	0.109	0.00000206	0.000231	0.000595	0.00159	0.000374
2108 Jul	0.000279	0.00111	0.111	0.00000881	1.99	3.85	0.0447	0.000448	16.5	0.00191	0.00922	0.000313	0.000247	0.000117	0.109	0.00000207	0.000231	0.000597	0.0016	0.000375
2108 Aug	0.00028	0.00112	0.111	0.00000884	1.99	3.86	0.0448	0.000449	16.5	0.00192	0.00925	0.000314	0.000248	0.000117	0.109	0.00000207	0.000232	0.000599	0.0016	0.000377
2108 Sep	0.00028	0.00112	0.111	0.00000885	2	3.86	0.0448	0.00045	16.5	0.00192	0.00925	0.000314	0.000248	0.000118	0.109	0.00000207	0.000233	0.000599	0.0016	0.000377
2108 Oct	0.00028	0.00111	0.111	0.00000883	1.99	3.85	0.0447	0.000449	16.5	0.00191	0.00923	0.000313	0.000247	0.000117	0.109	0.00000207	0.000232	0.000597	0.0016	0.000376
2108 Nov	0.00028	0.00111	0.111	0.00000883	1.99	3.85	0.0447	0.000449	16.5	0.00191	0.00923	0.000313	0.000247	0.000117	0.109	0.00000207	0.000232	0.000597	0.0016	0.000376
2108 Dec	0.00028	0.00111	0.111	0.00000883	1.99	3.85	0.0447	0.000449	16.5	0.00191	0.00923	0.000313	0.000247	0.000117	0.109	0.00000207	0.000232	0.000597	0.0016	0.000376
2109 Jan	0.00028	0.00111	0.111	0.00000883	1.99	3.85	0.0447	0.000449	16.5	0.00191	0.00923	0.000313	0.000247	0.000117	0.109	0.00000207	0.000232	0.000597	0.0016	0.000376
2109 Feb	0.00028	0.00111	0.111	0.00000883	1.99	3.85	0.0447	0.000449	16.5	0.00191	0.00923	0.000313	0.000247	0.000117	0.109	0.00000207	0.000232	0.000597	0.0016	0.000376
2109 Mar	0.00028	0.00111	0.111	0.00000884	1.99	3.85	0.0447	0.000449	16.5	0.00191	0.00924	0.000313	0.000247	0.000117	0.109	0.00000207	0.000232	0.000597	0.0016	0.000376
2109 Apr	0.00028	0.00111	0.111	0.00000884	1.99	3.85	0.0447	0.000449	16.5	0.00191	0.00924	0.000313	0.000247	0.000117	0.109	0.00000207	0.000232	0.000597	0.0016	0.000376
2109 May	0.00028	0.00111	0.111	0.00000885	1.99	3.85	0.0448	0.000449	16.4	0.00191	0.00925	0.000314	0.000247	0.000117	0.109	0.00000207	0.000232	0.000599	0.0016	0.000376
2109 Jun	0.000281	0.00111	0.112	0.00000886	1.99	3.86	0.045	0.000448	16.4	0.00191	0.00926	0.000316	0.000247	0.000117	0.109	0.00000207	0.000231	0.000601	0.0016	0.000375
2109 Jul	0.000282	0.00112	0.112	0.00000888	1.99	3.86	0.0451	0.000449	16.4	0.00192	0.00928	0.000316	0.000248	0.000117	0.11	0.00000207	0.000232	0.000602	0.00161	0.000376
2109 Aug	0.000283	0.00112	0.112	0.0000089	2	3.87	0.0452	0.000451	16.4	0.00192	0.0093	0.000317	0.000248	0.000118	0.11	0.00000208	0.000232	0.000603	0.00161	0.000377
2109 Sep	0.000282	0.00112	0.112	0.0000089	2	3.87	0.0452	0.000451	16.4	0.00192	0.0093	0.000317	0.000248	0.000118	0.11	0.00000208	0.000232	0.000603	0.00161	0.000377
2109 Oct	0.000282	0.00112	0.112	0.00000889	1.99	3.86	0.0451	0.00045	16.3	0.00192	0.00929	0.000316	0.000247	0.000117	0.11	0.00000207	0.000231	0.000601	0.0016	0.000376
2109 Nov	0.000282	0.00112	0.112	0.00000889	1.99	3.86	0.0451	0.00045	16.3	0.00192	0.00929	0.000316	0.000247	0.000117	0.11	0.00000207	0.000231	0.000601	0.0016	0.000376
2109 Dec	0.000282	0.00112	0.112	0.00000889	1.99	3.86	0.0451	0.00045	16.3	0.00192	0.00929	0.000316	0.000247	0.000117	0.11	0.00000207	0.000231	0.000601	0.00161	0.000376
2110 Jan	0.000282	0.00112	0.112	0.00000889	1.99	3.86	0.0451	0.00045	16.3	0.00192	0.00929	0.000316	0.000247	0.000117	0.11	0.00000207	0.000231	0.000601	0.00161	0.000376
2110 Feb	0.000282	0.00112	0.112	0.00000889	1.99	3.86	0.0451	0.00045	16.3	0.00192	0.00929	0.000316	0.000247	0.000117	0.11	0.00000207	0.000231	0.000601	0.00161	0.000376
2110 Mar	0.000282	0.00112	0.112	0.0000089	1.99	3.86	0.0451	0.00045	16.3	0.00192	0.00929	0.000316	0.000247	0.000117	0.11	0.00000207	0.000231	0.000601	0.00161	0.000376
2110 Apr	0.000282	0.00112	0.112	0.0000089	1.99	3.86	0.0451	0.00045	16.3	0.00192	0.00929	0.000316	0.000247	0.000117	0.11	0.00000207	0.000231	0.000601	0.00161	0.000376
2110 May	0.000282	0.00112	0.112	0.0000089	1.99	3.86	0.0451	0.00045	16.3	0.00192	0.0093	0.000317	0.000248	0.000117	0.11	0.00000207	0.000231	0.000602	0.00161	0.000376
2110 Jun	0.000283	0.00111	0.113	0.0000089	1.98	3.85	0.0453	0.000447	16.2	0.00191	0.00929	0.000318	0.000247	0.000117	0.11	0.00000207	0.000229	0.000603	0.0016	0.000373
2110 Jul	0.000283	0.00112	0.113	0.00000892	1.99	3.85	0.0453	0.000448	16.2	0.00191	0.00931	0.000319	0.000247	0.000117	0.11	0.00000207	0.00023	0.000605	0.00161	0.000374
2110 Aug	0.000283	0.00111	0.113	0.00000892	1.98	3.84	0.0452	0.000447	16.1	0.00191	0.00929	0.000318	0.000246	0.000117	0.11	0.00000207	0.000229	0.000603	0.0016	0.000373
2110 Sep	0.000282	0.00111	0.112	0.0000089	1.97	3.83	0.0451	0.000446	16	0.0019	0.00928	0.000317	0.000245	0.000116	0.109	0.00000206	0.000228	0.000601	0.0016	0.000371
2110 Oct	0.000281	0.00111	0.112	0.00000889	1.97	3.81	0.045	0.000445	15.9	0.00189	0.00926	0.000317	0.000244	0.000116	0.109	0.00000205	0.000227	0.0006	0.00159	0.00037
2110 Nov	0.000281	0.00111	0.112	0.00000889	1.96	3.81	0.0449	0.000444	15.9	0.00189	0.00926	0.000316	0.000244	0.000116	0.109	0.00000205	0.000226	0.000599	0.00159	0.000369
2110 Dec	0.000281	0.00111	0.112	0.00000889	1.96	3.81	0.045	0.000444	15.9	0.00189	0.00926	0.000316	0.000244	0.000116	0.109	0.00000205	0.000226	0.000599	0.00159	0.000369
2111 Jan	0.000281	0.00111	0.112	0.00000889	1.96	3.81	0.045	0.000444	15.9	0.00189	0.00926	0.000316	0.000244	0.000116	0.109	0.00000205	0.000226	0.000599	0.00159	0.000369

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2111 Feb	0.000281	0.00111	0.112	0.00000889	1.96	3.81	0.045	0.000444	15.9	0.00189	0.00926	0.000316	0.000244	0.000116	0.109	0.00000205	0.000226	0.000599	0.00159	0.000369
2111 Mar	0.000281	0.00111	0.112	0.00000889	1.96	3.81	0.045	0.000445	15.9	0.00189	0.00926	0.000316	0.000244	0.000116	0.109	0.00000205	0.000226	0.000599	0.00159	0.000369
2111 Apr	0.000281	0.00111	0.112	0.00000889	1.96	3.81	0.045	0.000445	15.9	0.00189	0.00927	0.000316	0.000244	0.000116	0.109	0.00000205	0.000226	0.000599	0.00159	0.00037
2111 May	0.000282	0.00111	0.113	0.0000089	1.97	3.82	0.0451	0.000445	15.9	0.00189	0.00928	0.000317	0.000244	0.000116	0.109	0.00000206	0.000226	0.000601	0.00159	0.00037
2111 Jun	0.000283	0.0011	0.113	0.0000089	1.96	3.81	0.0452	0.000443	15.7	0.00189	0.00928	0.000319	0.000243	0.000115	0.109	0.00000205	0.000225	0.000602	0.00159	0.000368
2111 Jul	0.000284	0.00111	0.113	0.00000894	1.97	3.82	0.0454	0.000444	15.8	0.00189	0.00931	0.00032	0.000244	0.000116	0.11	0.00000206	0.000226	0.000604	0.0016	0.000369
2111 Aug	0.000283	0.00111	0.113	0.00000894	1.97	3.82	0.0454	0.000444	15.8	0.00189	0.0093	0.00032	0.000244	0.000116	0.11	0.00000206	0.000226	0.000604	0.0016	0.000369
2111 Sep	0.000283	0.00111	0.113	0.00000894	1.96	3.81	0.0453	0.000444	15.7	0.00189	0.0093	0.00032	0.000244	0.000116	0.109	0.00000206	0.000225	0.000603	0.0016	0.000369
2111 Oct	0.000283	0.00111	0.113	0.00000893	1.96	3.81	0.0452	0.000444	15.7	0.00189	0.00929	0.000319	0.000243	0.000115	0.109	0.00000205	0.000225	0.000602	0.00159	0.000368
2111 Nov	0.000282	0.0011	0.113	0.00000893	1.96	3.8	0.0452	0.000443	15.6	0.00188	0.00929	0.000319	0.000242	0.000115	0.109	0.00000205	0.000224	0.000602	0.00159	0.000367
2111 Dec	0.000282	0.0011	0.113	0.00000893	1.96	3.8	0.0452	0.000443	15.6	0.00188	0.00929	0.000319	0.000242	0.000115	0.109	0.00000205	0.000224	0.000602	0.00159	0.000367
2112 Jan	0.000282	0.0011	0.113	0.00000893	1.96	3.8	0.0452	0.000443	15.6	0.00188	0.00929	0.000319	0.000242	0.000115	0.109	0.00000205	0.000224	0.000602	0.00159	0.000367
2112 Feb	0.000282	0.0011	0.113	0.00000893	1.96	3.8	0.0452	0.000443	15.6	0.00188	0.00929	0.000319	0.000242	0.000115	0.109	0.00000205	0.000224	0.000602	0.00159	0.000367
2112 Mar	0.000283	0.0011	0.113	0.00000893	1.96	3.8	0.0452	0.000443	15.6	0.00188	0.00929	0.000319	0.000242	0.000115	0.109	0.00000205	0.000224	0.000602	0.00159	0.000367
2112 Apr	0.000283	0.0011	0.113	0.00000893	1.96	3.8	0.0452	0.000443	15.6	0.00189	0.00929	0.000319	0.000243	0.000115	0.109	0.00000205	0.000224	0.000602	0.00159	0.000367
2112 May	0.000283	0.0011	0.113	0.00000894	1.96	3.8	0.0453	0.000443	15.6	0.00189	0.0093	0.00032	0.000243	0.000115	0.109	0.00000205	0.000224	0.000603	0.00159	0.000367
2112 Jun	0.000283	0.0011	0.114	0.00000892	1.94	3.78	0.0454	0.000439	15.4	0.00187	0.00927	0.000321	0.000241	0.000115	0.109	0.00000204	0.000221	0.000603	0.00159	0.000363
2112 Jul	0.000284	0.0011	0.114	0.00000894	1.94	3.78	0.0454	0.000439	15.4	0.00187	0.00929	0.000322	0.000241	0.000115	0.109	0.00000204	0.000222	0.000604	0.00159	0.000364
2112 Aug	0.000284	0.0011	0.114	0.00000896	1.95	3.79	0.0455	0.000441	15.4	0.00188	0.00931	0.000322	0.000242	0.000115	0.109	0.00000205	0.000222	0.000605	0.00159	0.000365
2112 Sep	0.000284	0.0011	0.114	0.00000896	1.95	3.79	0.0455	0.000441	15.4	0.00188	0.00931	0.000322	0.000242	0.000115	0.109	0.00000204	0.000222	0.000605	0.00159	0.000365
2112 Oct	0.000284	0.0011	0.114	0.00000896	1.95	3.79	0.0455	0.000441	15.4	0.00188	0.00931	0.000322	0.000241	0.000115	0.109	0.00000204	0.000222	0.000605	0.00159	0.000365
2112 Nov	0.000284	0.0011	0.114	0.00000896	1.95	3.79	0.0455	0.000441	15.4	0.00188	0.00931	0.000322	0.000241	0.000115	0.109	0.00000204	0.000222	0.000605	0.00159	0.000365
2112 Dec	0.000284	0.0011	0.114	0.00000896	1.95	3.79	0.0455	0.000441	15.4	0.00188	0.00931	0.000322	0.000241	0.000115	0.109	0.00000204	0.000222	0.000605	0.00159	0.000365
2113 Jan	0.000284	0.0011	0.114	0.00000896	1.95	3.79	0.0455	0.000441	15.4	0.00188	0.00931	0.000322	0.000241	0.000115	0.109	0.00000204	0.000222	0.000605	0.00159	0.000365
2113 Feb	0.000284	0.0011	0.114	0.00000896	1.95	3.79	0.0455	0.000441	15.4	0.00188	0.00931	0.000322	0.000241	0.000115	0.109	0.00000204	0.000222	0.000605	0.00159	0.000365
2113 Mar	0.000284	0.0011	0.114	0.00000896	1.95	3.79	0.0455	0.000441	15.4	0.00188	0.00931	0.000322	0.000241	0.000115	0.109	0.00000204	0.000222	0.000605	0.00159	0.000365
2113 Apr	0.000284	0.0011	0.114	0.00000896	1.95	3.79	0.0455	0.000441	15.4	0.00188	0.00931	0.000322	0.000242	0.000115	0.109	0.00000204	0.000222	0.000605	0.00159	0.000365
2113 May	0.000285	0.0011	0.114	0.00000897	1.95	3.79	0.0456	0.000441	15.4	0.00188	0.00932	0.000323	0.000242	0.000115	0.11	0.00000205	0.000222	0.000606	0.00159	0.000365
2113 Jun	0.000285	0.0011	0.114	0.00000897	1.94	3.79	0.0457	0.000439	15.3	0.00187	0.00932	0.000325	0.000241	0.000115	0.11	0.00000204	0.000221	0.000608	0.00159	0.000363
2113 Jul	0.000286	0.0011	0.115	0.00000899	1.95	3.8	0.0458	0.00044	15.3	0.00188	0.00934	0.000325	0.000242	0.000115	0.11	0.00000205	0.000222	0.000609	0.0016	0.000364
2113 Aug	0.000287	0.00111	0.115	0.00000901	1.95	3.8	0.0459	0.000441	15.3	0.00188	0.00936	0.000326	0.000242	0.000115	0.11	0.00000205	0.000222	0.00061	0.0016	0.000365
2113 Sep	0.000286	0.0011	0.115	0.00000901	1.95	3.8	0.0459	0.000442	15.3	0.00188	0.00935	0.000325	0.000242	0.000115	0.11	0.00000205	0.000222	0.000609	0.0016	0.000365
2113 Oct	0.000286	0.0011	0.115	0.000009	1.94	3.79	0.0457	0.00044	15.2	0.00187	0.00933	0.000324	0.000241	0.000115	0.11	0.00000204	0.000221	0.000607	0.00159	0.000363
2113 Nov	0.000285	0.0011	0.115	0.00000899	1.94	3.78	0.0457	0.00044	15.2	0.00187	0.00933	0.000324	0.00024	0.000114	0.11	0.00000204	0.000221	0.000607	0.00159	0.000363
2113 Dec	0.000285	0.0011	0.115	0.00000899	1.94	3.78	0.0457	0.00044	15.2	0.00187	0.00933	0.000324	0.00024	0.000114	0.11	0.00000204	0.000221	0.000607	0.00159	0.000363
2114 Jan	0.000285	0.0011	0.115	0.00000899	1.94	3.78	0.0457	0.00044	15.2	0.00187	0.00933	0.000324	0.00024	0.000114	0.11	0.00000204	0.000221	0.000607	0.00159	0.000363
2114 Feb	0.000285	0.0011	0.115	0.00000899	1.94	3.78	0.0457	0.00044	15.2	0.00187	0.00933	0.000324	0.00024	0.000114	0.11	0.00000204	0.000221	0.000607	0.00159	0.000363
2114 Mar	0.000285	0.0011	0.115	0.000009	1.94	3.78	0.0457	0.00044	15.2	0.00187	0.00933	0.000324	0.00024	0.000114	0.11	0.00000204	0.000221	0.000607	0.00159	0.000363
2114 Apr	0.000285	0.0011	0.115	0.000009	1.94	3.78	0.0457	0.00044	15.2	0.00187	0.00934	0.000324	0.000241	0.000114	0.11	0.00000204	0.000221	0.000607	0.00159	0.000363
2114 May	0.000286	0.0011	0.115	0.000009	1.94	3.78	0.0458	0.00044	15.2	0.00187	0.00934	0.000325	0.00024	0.000114	0.11	0.00000204	0.00022	0.000608	0.00159	0.000363
2114 Jun	0.000287	0.0011	0.115	0.00000902	1.94	3.79	0.046	0.000439	15.1	0.00187	0.00935	0.000327	0.00024	0.000114	0.11	0.00000204	0.00022	0.00061	0.00159	0.000362
2114 Jul	0.000288	0.00111	0.116	0.00000905	1.95	3.8	0.0462	0.000441	15.2	0.00188	0.00939	0.000328	0.000241	0.000115	0.11	0.00000205	0.000221	0.000613	0.0016	0.000364
2114 Aug	0.000289	0.00111	0.116	0.00000908	1.96	3.81	0.0463	0.000443	15.2	0.00189	0.00942	0.000329	0.000242	0.000115	0.111	0.00000206	0.000222	0.000615	0.0016	0.000365
2114 Sep	0.000289	0.00111	0.116	0.00000908	1.96	3.81	0.0463	0.000443	15.2	0.00189	0.00941	0.000329	0.000242	0.000115	0.111	0.00000205	0.000222	0.000614	0.0016	0.000365
2114 Oct	0.000288	0.00111	0.116	0.00000907	1.95	3.8	0.0462	0.000442	15.2	0.00188	0.0094	0.000328	0.000241	0.000115	0.11	0.00000205	0.000221	0.000613	0.0016	0.000364
2114 Nov	0.000288	0.00111	0.116	0.00000906	1.95	3.79	0.0461	0.000442	15.1	0.00188	0.0094	0.000328	0.000241	0.000115	0.11	0.00000205	0.000221	0.000612	0.0016	0.000363
2114 Dec	0.000288	0.0011	0.116	0.00000906	1.95	3.79	0.0461	0.000442	15.1	0.00188	0.0094	0.000328	0.000241	0.000115	0.11	0.00000205	0.000221	0.000612	0.0016	0.000363
2115 Jan	0.000288	0.0011	0.116	0.00000906	1.95	3.79	0.0461	0.000442	15.1	0.00188	0.0094	0.000328	0.000241	0.000115	0.11	0.00000205	0.000221	0.000612	0.0016	0.000363
2115 Feb	0.000288	0.00111	0.116	0.00000906	1.95	3.79	0.0461	0.000442	15.1	0.00188	0.0094	0.000328	0.000241	0.000115	0.11	0.00000205	0.000221	0.000612	0.0016	0.000363
2115 Mar	0.000288	0.00111	0.116	0.00000906	1.95	3.79	0.0461	0.000442	15.1	0.00188	0.0094	0.000328	0.000241	0.000115	0.11	0.00000205	0.000221	0.000612	0.0016	0.000363
2115 Apr	0.000288	0.00111	0.116	0.00000907	1.95	3.8	0.0461	0.000442	15.1	0.00188	0.0094	0.000328	0.000241	0.000115	0.11	0.00000205	0.000221	0.000612	0.0016	0.000364
2115 May	0.000288	0.00111	0.116	0.00000907	1.95	3.8	0.0462	0.000441	15.1	0.00188	0.0094	0.000329	0.000241	0.000115	0.11	0.00000205	0.00022	0.000613	0.0016	0.000363
2115 Jun	0.00029	0.00111	0.116	0.00000909	1.95	3.8	0.0464	0.000442	15.1	0.00188	0.00943	0.00033	0.000241	0.000115	0.111	0.00000205	0.00022	0.000615	0.0016	0.000363
2115 Jul	0.00029	0.00111	0.117	0.00000912	1.96	3.81	0.0465	0.000443	15.1	0.00189	0.00946	0.000331	0.000242	0.000115	0.111	0.00000206	0.000221	0.000617	0.00161	0.000365
2115 Aug	0.00029	0.00111	0.117	0.00000912	1.96	3.81	0.0465	0.000443	15.1	0.00189	0.00945	0.000331	0.000242	0.000115	0.111	0.00000205	0.000221	0.000616	0.0016	0.000365
2115 Sep	0.00029	0.00111	0.117	0.00000913	1.96	3.81	0.0465	0.000444	15.1	0.00189	0.00945	0.000331	0.000242	0.000115	0.111	0.00000206	0.000221	0.000616	0.0016	0.000365

Appendix C.2-23: PUMP03

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2115 Oct	0.00029	0.00111	0.117	0.00000913	1.95	3.81	0.0465	0.000444	15.1	0.00189	0.00945	0.000331	0.000242	0.000115	0.111	0.00000205	0.000221	0.000616	0.0016	0.000365
2115 Nov	0.00029	0.00111	0.117	0.00000913	1.95	3.81	0.0465	0.000443	15.1	0.00188	0.00945	0.000331	0.000241	0.000115	0.111	0.00000205	0.000221	0.000616	0.0016	0.000364
2115 Dec	0.00029	0.00111	0.117	0.00000913	1.95	3.81	0.0465	0.000443	15.1	0.00188	0.00945	0.000331	0.000241	0.000115	0.111	0.00000205	0.000221	0.000616	0.0016	0.000364
2116 Jan	0.00029	0.00111	0.117	0.00000913	1.95	3.81	0.0465	0.000443	15.1	0.00188	0.00945	0.000331	0.000241	0.000115	0.111	0.00000205	0.000221	0.000616	0.0016	0.000364
2116 Feb	0.00029	0.00111	0.117	0.00000913	1.95	3.81	0.0465	0.000443	15.1	0.00188	0.00945	0.000331	0.000241	0.000115	0.111	0.00000205	0.000221	0.000616	0.0016	0.000364
2116 Mar	0.00029	0.00111	0.117	0.00000913	1.95	3.81	0.0465	0.000443	15.1	0.00188	0.00945	0.000331	0.000241	0.000115	0.111	0.00000205	0.000221	0.000616	0.0016	0.000364
2116 Apr	0.00029	0.00111	0.117	0.00000913	1.95	3.81	0.0465	0.000444	15.1	0.00189	0.00945	0.000331	0.000241	0.000115	0.111	0.00000205	0.000221	0.000616	0.0016	0.000364
2116 May	0.000291	0.00111	0.117	0.00000914	1.95	3.81	0.0466	0.000443	15	0.00189	0.00946	0.000332	0.000241	0.000115	0.111	0.00000206	0.000221	0.000617	0.0016	0.000364
2116 Jun	0.000291	0.00111	0.117	0.00000912	1.94	3.79	0.0466	0.00044	14.9	0.00187	0.00944	0.000333	0.00024	0.000115	0.111	0.00000205	0.000219	0.000618	0.0016	0.000361
2116 Jul	0.000292	0.00111	0.118	0.00000915	1.95	3.8	0.0468	0.000441	14.9	0.00188	0.00947	0.000334	0.000241	0.000115	0.111	0.00000205	0.000219	0.00062	0.0016	0.000363
2116 Aug	0.000293	0.00111	0.118	0.00000918	1.95	3.81	0.0469	0.000443	14.9	0.00189	0.0095	0.000335	0.000241	0.000115	0.112	0.00000206	0.00022	0.000621	0.00161	0.000364
2116 Sep	0.000292	0.00111	0.118	0.00000917	1.95	3.81	0.0468	0.000443	14.9	0.00188	0.00948	0.000334	0.000241	0.000115	0.111	0.00000205	0.00022	0.00062	0.00161	0.000363
2116 Oct	0.000291	0.00111	0.118	0.00000916	1.95	3.8	0.0467	0.000442	14.8	0.00188	0.00947	0.000333	0.00024	0.000115	0.111	0.00000205	0.000219	0.000619	0.0016	0.000362
2116 Nov	0.000291	0.00111	0.118	0.00000916	1.95	3.8	0.0467	0.000442	14.8	0.00188	0.00948	0.000333	0.00024	0.000115	0.111	0.00000205	0.000219	0.000618	0.0016	0.000362
2116 Dec	0.000291	0.00111	0.118	0.00000916	1.95	3.8	0.0467	0.000442	14.8	0.00188	0.00948	0.000333	0.00024	0.000115	0.111	0.00000205	0.000219	0.000618	0.0016	0.000362
2117 Jan	0.000291	0.00111	0.118	0.00000916	1.95	3.8	0.0467	0.000442	14.8	0.00188	0.00948	0.000333	0.00024	0.000115	0.111	0.00000205	0.000219	0.000618	0.0016	0.000362
2117 Feb	0.000291	0.00111	0.118	0.00000916	1.95	3.8	0.0467	0.000442	14.8	0.00188	0.00948	0.000333	0.00024	0.000115	0.111	0.00000205	0.000219	0.000618	0.0016	0.000362
2117 Mar	0.000291	0.00111	0.118	0.00000916	1.95	3.8	0.0467	0.000442	14.8	0.00188	0.00948	0.000333	0.00024	0.000115	0.111	0.00000205	0.000219	0.000619	0.0016	0.000362
2117 Apr	0.000292	0.00111	0.118	0.00000916	1.95	3.8	0.0467	0.000442	14.8	0.00188	0.00948	0.000334	0.00024	0.000115	0.111	0.00000205	0.000219	0.000619	0.0016	0.000362
2117 May	0.000292	0.00111	0.118	0.00000917	1.95	3.8	0.0468	0.000442	14.8	0.00188	0.00949	0.000334	0.00024	0.000115	0.111	0.00000205	0.000219	0.00062	0.0016	0.000362
2117 Jun	0.000293	0.00111	0.118	0.00000918	1.95	3.8	0.047	0.000442	14.8	0.00188	0.0095	0.000336	0.00024	0.000115	0.112	0.00000205	0.000219	0.000622	0.00161	0.000362
2117 Jul	0.000294	0.00111	0.119	0.00000922	1.95	3.82	0.0471	0.000443	14.8	0.00189	0.00953	0.000337	0.000241	0.000115	0.112	0.00000206	0.000219	0.000624	0.00161	0.000363
2117 Aug	0.000294	0.00112	0.119	0.00000923	1.96	3.82	0.0472	0.000444	14.9	0.00189	0.00955	0.000337	0.000242	0.000115	0.112	0.00000206	0.00022	0.000625	0.00161	0.000364
2117 Sep	0.000295	0.00112	0.119	0.00000924	1.96	3.83	0.0472	0.000445	14.9	0.00189	0.00956	0.000338	0.000242	0.000116	0.112	0.00000206	0.000221	0.000625	0.00161	0.000365
2117 Oct	0.000294	0.00112	0.119	0.00000924	1.96	3.82	0.0472	0.000445	14.9	0.00189	0.00955	0.000337	0.000242	0.000115	0.112	0.00000206	0.00022	0.000624	0.00161	0.000365
2117 Nov	0.000294	0.00112	0.119	0.00000924	1.96	3.82	0.0472	0.000445	14.9	0.00189	0.00955	0.000337	0.000241	0.000115	0.112	0.00000206	0.00022	0.000624	0.00161	0.000365
2117 Dec	0.000294	0.00112	0.119	0.00000924	1.96	3.82	0.0472	0.000445	14.9	0.00189	0.00955	0.000337	0.000241	0.000115	0.112	0.00000206	0.00022	0.000624	0.00161	0.000365
2118 Jan	0.000294	0.00112	0.119	0.00000924	1.96	3.82	0.0472	0.000445	14.9	0.00189	0.00955	0.000337	0.000241	0.000115	0.112	0.00000206	0.00022	0.000624	0.00161	0.000365
2118 Feb	0.000294	0.00112	0.119	0.00000924	1.96	3.82	0.0472	0.000445	14.9	0.00189	0.00955	0.000337	0.000241	0.000115	0.112	0.00000206	0.00022	0.000624	0.00161	0.000365
2118 Mar	0.000294	0.00112	0.119	0.00000924	1.96	3.82	0.0472	0.000445	14.9	0.00189	0.00955	0.000337	0.000241	0.000115	0.112	0.00000206	0.00022	0.000624	0.00161	0.000365
2118 Apr	0.000294	0.00112	0.119	0.00000924	1.96	3.82	0.0472	0.000445	14.9	0.00189	0.00955	0.000337	0.000242	0.000115	0.112	0.00000206	0.00022	0.000624	0.00161	0.000365
2118 May	0.000295	0.00112	0.119	0.00000924	1.96	3.82	0.0474	0.000444	14.8	0.00189	0.00956	0.000339	0.000241	0.000115	0.112	0.00000206	0.00022	0.000626	0.00161	0.000363
2118 Jun	0.000296	0.00111	0.119	0.00000923	1.95	3.81	0.0474	0.000441	14.7	0.00188	0.00954	0.00034	0.00024	0.000115	0.112	0.00000205	0.000218	0.000627	0.00161	0.000361
2118 Jul	0.000297	0.00112	0.12	0.00000926	1.96	3.82	0.0476	0.000443	14.7	0.00189	0.00958	0.000341	0.000241	0.000115	0.113	0.00000206	0.000219	0.000629	0.00161	0.000363
2118 Aug	0.000297	0.00112	0.12	0.00000927	1.96	3.82	0.0476	0.000444	14.7	0.00189	0.00958	0.000341	0.000241	0.000115	0.113	0.00000206	0.000219	0.000629	0.00161	0.000363
2118 Sep	0.000296	0.00111	0.119	0.00000925	1.95	3.81	0.0475	0.000443	14.6	0.00188	0.00956	0.00034	0.00024	0.000115	0.112	0.00000205	0.000218	0.000627	0.00161	0.000362
2118 Oct	0.000295	0.00111	0.119	0.00000925	1.95	3.8	0.0474	0.000442	14.6	0.00188	0.00955	0.000339	0.000239	0.000115	0.112	0.00000205	0.000218	0.000626	0.00161	0.000361
2118 Nov	0.000295	0.00111	0.119	0.00000924	1.94	3.8	0.0474	0.000442	14.6	0.00188	0.00955	0.000339	0.000239	0.000115	0.112	0.00000205	0.000217	0.000625	0.00161	0.000361
2118 Dec	0.000295	0.00111	0.119	0.00000924	1.94	3.8	0.0474	0.000442	14.6	0.00188	0.00955	0.000339	0.000239	0.000115	0.112	0.00000205	0.000217	0.000625	0.00161	0.000361
2119 Jan	0.000295	0.00111	0.119	0.00000924	1.94	3.8	0.0474	0.000442	14.6	0.00188	0.00955	0.000339	0.000239	0.000115	0.112	0.00000205	0.000217	0.000625	0.00161	0.000361
2119 Feb	0.000295	0.00111	0.119	0.00000924	1.94	3.8	0.0474	0.000442	14.6	0.00188	0.00955	0.000339	0.000239	0.000115	0.112	0.00000205	0.000217	0.000625	0.00161	0.000361
2119 Mar	0.000295	0.00111	0.119	0.00000925	1.94	3.8	0.0474	0.000442	14.6	0.00188	0.00955	0.000339	0.000239	0.000115	0.112	0.00000205	0.000217	0.000625	0.00161	0.000361
2119 Apr	0.000296	0.00111	0.119	0.00000925	1.95	3.8	0.0474	0.000442	14.6	0.00188	0.00955	0.00034	0.000239	0.000115	0.112	0.00000205	0.000217	0.000626	0.00161	0.000361
2119 May	0.000297	0.00111	0.12	0.00000925	1.94	3.8	0.0477	0.00044	14.5	0.00187	0.00955	0.000342	0.000238	0.000114	0.112	0.00000205	0.000216	0.000628	0.0016	0.000359
2119 Jun	0.000297	0.00111	0.12	0.00000925	1.94	3.8	0.0477	0.00044	14.4	0.00187	0.00955	0.000342	0.000238	0.000114	0.112	0.00000204	0.000216	0.000629	0.0016	0.000359
2119 Jul	0.000298	0.00111	0.12	0.00000928	1.95	3.81	0.0479	0.000441	14.5	0.00188	0.00958	0.000343	0.000239	0.000115	0.113	0.00000205	0.000217	0.000631	0.00161	0.00036
2119 Aug	0.000299	0.00111	0.121	0.0000093	1.95	3.82	0.048	0.000443	14.5	0.00188	0.0096	0.000343	0.00024	0.000115	0.113	0.00000205	0.000217	0.000632	0.00161	0.000361
2119 Sep	0.000298	0.00111	0.12	0.00000929	1.95	3.81	0.0479	0.000442	14.5	0.00188	0.00959	0.000343	0.000239	0.000115	0.113	0.00000205	0.000217	0.000631	0.00161	0.000361
2119 Oct	0.000298	0.00111	0.12	0.00000928	1.94	3.8	0.0478	0.000442	14.4	0.00188	0.00958	0.000342	0.000239	0.000115	0.113	0.00000205	0.000217	0.00063	0.00161	0.00036
2119 Nov	0.000298	0.00111	0.12	0.00000928	1.94	3.8	0.0478	0.000442	14.4	0.00187	0.00958	0.000342	0.000238	0.000114	0.113	0.00000205	0.000216	0.000629	0.00161	0.00036
2119 Dec	0.000298	0.00111	0.12	0.00000928	1.94	3.8	0.0478	0.000442	14.4	0.00188	0.00958	0.000342	0.000238	0.000114	0.113	0.00000205	0.000216	0.000629	0.00161	0.00036

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	20.8	0.018	0.0231	0.000789	10.7	0.00225	3.13	0.00000308	0.00000308	4.34E-08	0.000114	0.0000557	0.00327	0.000326	0.000000082	0.782	0.000000595	0.0000294
Operation (2024-2031): Mean	2130	1.83	2.35	0.0802	1080	0.249	341	0.000292	0.000292	0.00000453	0.0123	0.0058	0.358	0.0262	0.00000876	78.4	0.0000629	0.00312
Operation (2024-2031): Max	2820	2.46	3.17	0.108	1460	0.309	427	0.000381	0.000381	0.00000502	0.0142	0.0071	0.447	0.0305	0.0000102	96.2	0.0000747	0.00388
Active Closure (2032-2038): Min	205	0.142	0.179	0.00687	88	0.0508	40.9	0.000314	0.000314	0.00000472	0.00391	0.000869	0.0435	0.00998	0.00000543	15.1	0.0000118	0.0004
Active Closure (2032-2038): Mean	447	0.345	0.442	0.0157	208	0.0782	82.7	0.000839	0.000839	0.00000492	0.00507	0.00155	0.0872	0.0123	0.00000591	23.9	0.0000189	0.000778
Active Closure (2032-2038): Max	2030	1.68	2.17	0.074	999	0.256	352	0.000931	0.000931	0.000005	0.0128	0.00601	0.369	0.0283	0.00000909	81.7	0.0000653	0.00323
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	80.6	0.0814	0.153	0.00217	20.4	0.0324	12.1	0.000883	0.000709	0.00000387	0.00394	0.000879	0.0223	0.0101	0.0000045	12.4	0.0000119	0.000229
Post Closure (2039-2119): Mean	96.4	0.1	0.431	0.0032	27.7	0.0374	20.9	0.00105	0.000855	0.00000451	0.00526	0.00156	0.0294	0.0166	0.00000487	16.9	0.0000151	0.000328
Post Closure (2039-2119): Max	207	0.143	0.803	0.00692	88.6	0.0514	41.5	0.00138	0.00101	0.0000052	0.0059	0.00261	0.0441	0.0202	0.00000549	22.8	0.0000169	0.000441
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun																		
2026 Jul																		
2026 Aug																		
2026 Sep																		
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun																		
2027 Jul																		
2027 Aug																		
2027 Sep																		
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Apr																		
2028 May																		
2028 Jun																		
2028 Jul																		
2028 Aug																		
2028 Sep																		
2028 Oct																		
2028 Nov																		
2028 Dec																		
2029 Jan																		
2029 Feb																		
2029 Mar																		
2029 Apr																		
2029 May	20.8	0.018	0.0231	0.000789	10.7	0.00225	3.13	0.00000308	0.00000308	4.34E-08	0.000114	0.0000557	0.00327	0.000326	0.000000082	0.782	0.000000595	0.0000294
2029 Jun	1290	1.11	1.43	0.049	662	0.142	194	0.000335	0.000335	0.00000341	0.00817	0.0035	0.204	0.0194	0.0000058	48	0.0000402	0.00183
2029 Jul	2480	2.14	2.78	0.0949	1280	0.275	375	0.000329	0.000329	0.00000502	0.0129	0.00638	0.393	0.0282	0.00000966	85.2	0.0000659	0.0034
2029 Aug	2750	2.38	3.08	0.105	1420	0.303	416	0.000247	0.000247	0.00000498	0.0137	0.00696	0.436	0.0299	0.0000101	93.8	0.0000721	0.00378
2029 Sep	2820	2.46	3.17	0.108	1460	0.309	427	0.000212	0.000212	0.00000491	0.0142	0.0071	0.447	0.0305	0.0000102	96.2	0.0000747	0.00388
2029 Oct	2560	2.24	2.87	0.0981	1330	0.283	388	0.000238	0.000238	0.00000468	0.0135	0.0065	0.407	0.0286	0.00000949	88.3	0.0000691	0.00353
2029 Nov	2420	2.12	2.72	0.0927	1250	0.269	367	0.000251	0.000251	0.00000455	0.013	0.00617	0.385	0.0275	0.0000091	83.8	0.0000659	0.00334
2029 Dec	2430	2.12	2.72	0.0928	1250	0.269	367	0.000251	0.000251	0.00000456	0.013	0.00618	0.385	0.0275	0.0000091	83.9	0.0000659	0.00334
2030 Jan	2430	2.12	2.72	0.0928	1250	0.269	367	0.000251	0.000251	0.00000456	0.013	0.00618	0.385	0.0275	0.0000091	83.9	0.0000659	0.00334
2030 Feb	2430	2.12	2.72	0.0928	1250	0.269	367	0.000251	0.000251	0.00000456	0.013	0.00618	0.385	0.0275	0.0000091	83.9	0.0000659	0.00335
2030 Mar	2430	2.12	2.72	0.0929	1260	0.269	367	0.000251	0.000251	0.00000456	0.013	0.00619	0.385	0.0275	0.00000911	84	0.000066	0.00335
2030 Apr	2440	2.13	2.73	0.0932	1260	0.27	368	0.000252	0.000252	0.00000457	0.0131	0.0062	0.386	0.0276	0.00000914	84.2	0.0000662	0.00336
2030 May	2500	2.18	2.8	0.0955	1290	0.277	378	0.000258	0.000258	0.00000469	0.0134	0.00636	0.396	0.0283	0.00000936	86.3	0.0000678	0.00344
2030 Jun	1990	1.71	2.2	0.0751	1010	0.23	312	0.000381	0.000381	0.00000471	0.0123	0.00538	0.329	0.0248	0.00000858	72.5	0.0000605	0.00288
2030 Jul	1970	1.67	2.16	0.0735	990	0.234	320	0.000352	0.000352	0.00000464	0.0122	0.00547	0.337	0.0246	0.0000086	73.5	0.0000614	0.00294
2030 Aug	2060	1.74	2.26	0.077	1040	0.246	337	0.000333	0.000333	0.0000047	0.0125	0.00574	0.355	0.0255	0.00000888	77.1	0.0000636	0.00309
2030 Sep	2120	1.79	2.32	0.079	1060	0.252	347	0.000328	0.000328	0.00000476	0.0127	0.00588	0.364	0.0261	0.00000906	79.2	0.000065	0.00318
2030 Oct	2130	1.8	2.33	0.0794	1070	0.255	350	0.000316	0.000316	0.00000473	0.0128	0.00593	0.368	0.0262	0.00000907	79.8	0.0000653	0.0032
2030 Nov	2130	1.8	2.32	0.0792	1070	0.254	349	0.000314	0.000314	0.00000471	0.0127	0.00592	0.367	0.0262	0.00000904	79.7	0.0000651	0.0032
2030 Dec	2130	1.8	2.32	0.0792	1070	0.254	349	0.000314	0.000314	0.00000471	0.0127	0.00592	0.367	0.0262	0.00000904	79.7	0.0000651	0.0032
2031 Jan	2130	1.8	2.32	0.0792	1070	0.254	349	0.000314	0.000314	0.00000471	0.0127	0.00592	0.367	0.0262	0.00000904	79.7	0.0000651	0.0032
2031 Feb	2130	1.8	2.32	0.0792	1070	0.254	349	0.000314	0.000314	0.00000471	0.0127	0.00592	0.367	0.0262	0.00000904	79.7	0.0000651	0.0032
2031 Mar	2130	1.8	2.32	0.0792	1070	0.254	349	0.000314	0.000314	0.00000471	0.0127	0.00592	0.367	0.0262	0.00000904	79.7	0.0000651	0.0032
2031 Apr	2130	1.8	2.33	0.0793	1070	0.255	350	0.000315	0.000315	0.00000472	0.0128	0.00593	0.368	0.0263	0.00000906	79.9	0.0000652	0.0032
2031 May	2120	1.8	2.32	0.0791	1070	0.255	350	0.000322	0.000322	0.00000475	0.0128	0.00594	0.367	0.0267	0.00000909	80.2	0.0000653	0.0032
2031 Jun	1990	1.67	2.15	0.0733	988	0.243	334	0.000344	0.000344	0.00000472	0.0124	0.00576	0.35	0.028	0.00000885	78.4	0.0000633	0.00308
2031 Jul	2020	1.69	2.18	0.0745	1000	0.248	341	0.000348	0.000348	0.00000481	0.0127	0.00588	0.358	0.0285	0.00000903	80	0.0000646	0.00315
2031 Aug	2060	1.72	2.22	0.0757	1020	0.255	351	0.000336	0.000336	0.00000483	0.0128	0.00602	0.368	0.0287	0.00000917	81.9	0.0000658	0.00323
2031 Sep	2060	1.71	2.21	0.0753	1020	0.257	354	0.000319	0.000319	0.00000478	0.0128	0.00606	0.372	0.0285	0.00000916	82.3	0.0000659	0.00325
2031 Oct	2020	1.68	2.16	0.0738	996	0.255	350	0.000314	0.000314	0.00000472	0.0127	0.00599	0.368	0.0281	0.00000905	81.4	0.000065	0.00322
2031 Nov	2020	1.68	2.16	0.0737	994	0.255	350	0.000314	0.000314	0.00000472	0.0127	0.00598	0.367	0.0281	0.00000905	81.3	0.000065	0.00322
2031 Dec	2020	1.68	2.16	0.0737	994	0.255	350	0.000314	0.000314	0.00000472	0.0127	0.00598	0.367	0.0281	0.00000905	81.3	0.000065	0.00322
2032 Jan	2020	1.68	2.16	0.0737	994	0.255	350	0.000314	0.000314	0.00000472	0.0127	0.00598	0.367	0.0281	0.00000905	81.3	0.000065	0.00322
2032 Feb	2020	1.68	2.16	0.0737	994	0.255	350	0.000314	0.000314	0.00000472	0.0127	0.00598	0.367	0.0281	0.00000905	81.3	0.000065	0.00322
2032 Mar	2020	1.68	2.16	0.0737	994	0.255	350	0.000314	0.000314	0.00000472	0.0127	0.00599	0.367	0.0281	0.00000905	81.3	0.000065	0.00322
2032 Apr	2020	1.68	2.16	0.0738	995	0.255	350	0.000314	0.000314	0.00000472	0.0127	0.00599	0.368	0.0282	0.00000906	81.4	0.000065	0.00322
2032 May	2030	1.68	2.17	0.074	999	0.256	352	0.000315	0.000315	0.00000474	0.0128	0.00601	0.369	0.0283	0.00000909	81.7	0.0000653	0.00323
2032 Jun	1570	1.29	1.66	0.057	767	0.206	276	0.000454	0.000454	0.00000475	0.0107	0.00478	0.29	0.0237	0.00000817	65.5	0.000053	0.00256
2032 Jul	1060	0.85	1.09	0.0378	507	0.148	190	0.000615	0.000615	0.00000477	0.00806	0.00332	0.199	0.0181	0.0000071	46.4	0.0000376	0.00177
2032 Aug	752	0.599	0.771	0.0268	359	0.113	135	0.000729	0.000729	0.00000485	0.00651	0.00242	0.142	0.0149	0.0000065	34.8	0.000028	0.00127
2032 Sep	594	0.469	0.603	0.0212	282	0.0942	107	0.00079	0.00079	0.00000489	0.00573	0.00194	0.113	0.0134	0.00000619	28.8	0.000023	0.001
2032 Oct	536	0.422	0.542	0.0191	254	0.0874	96.5	0.000812	0.000812	0.00000491	0.00544	0.00177	0.102	0.0128	0.00000607	26.6	0.0000212	0.000901
2032 Nov	538	0.423	0.544	0.0192	255	0.0876	96.9	0.000811	0.000811	0.00000491	0.00545	0.00177	0.102	0.0128	0.00000608	26.7	0.0000213	0.000904
2032 Dec	540	0.424	0.545	0.0192	255	0.0878	97.2	0.00081	0.00081	0.0000049	0.00546	0.00178	0.103	0.0128	0.00000608	26.7	0.0000213	0.000907
2033 Jan	540	0.424	0.545	0.0192	255	0.0878	97.2	0.00081	0.00081	0.0000049	0.00546	0.00178	0.103	0.0128	0.00000608	26.7	0.0000213	0.000907
2033 Feb	540	0.424	0.545	0.0192	255	0.0878	97.2	0.00081	0.00081	0.0000049	0.00546	0.00178	0.103	0.0128	0.00000608	26.7	0.0000213	0.000907
2033 Mar	540	0.424	0.545	0.0192	255	0.0878	97.2	0.00081	0.00081	0.0000049	0.00546	0.00178	0.103	0.0128	0.00000608	26.8	0.0000213	0.000907
2033 Apr	540	0.424	0.546	0.0192	256	0.0879	97.3	0.000811	0.000811	0.00000491	0.00546	0.00178	0.103	0.0128	0.00000608	26.8	0.0000213	0.000907
2033 May	543	0.426	0.548	0.0193	257	0.0883	98	0.00081	0.00081	0.00000491	0.0055	0.0018	0.103	0.0131	0.0000061	27.1	0.0000216	0.000916
2033 Jun	548	0.427	0.548	0.0193	257	0.0898	101	0.000798	0.000798	0.00000488	0.00556	0.00186	0.106	0.0134	0.00000609	27.8	0.0000221	0.000946
2033 Jul	498	0.385	0.495	0.0175	232	0.0842	91.9	0.000819	0.000819	0.0000049	0.00529	0.00171	0.0968	0.0128	0.00000601	25.9	0.0000205	0.00087
2033 Aug	438	0.336	0.431	0.0154	203	0.077	80.8	0.000846	0.000846	0.00000494	0.00498	0.00152	0.0852	0.0122	0.00000591	23.5	0.0000186	0.000769
2033 Sep	398	0.303	0.389	0.014	184	0.0724	73.8	0.000859	0.000859	0.00000494	0.00479	0.0014	0.078	0.0117	0.00000582	21.9	0.0000173	0.000698
2033 Oct	388	0.294	0.377	0.0135	178	0.0714	72.4	0.000857	0.000857	0.00000491	0.00474	0.00138	0.0765	0.0116	0.00000578	21.6	0.000017	0.000682

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Nov	389	0.295	0.377	0.0136	179	0.0715	72.6	0.000857	0.000857	0.00000491	0.00475	0.00138	0.0766	0.0116	0.00000578	21.7	0.0000171	0.000684
2033 Dec	389	0.295	0.377	0.0136	179	0.0715	72.6	0.000857	0.000857	0.00000491	0.00475	0.00138	0.0766	0.0116	0.00000578	21.7	0.0000171	0.000684
2034 Jan	389	0.295	0.377	0.0136	179	0.0715	72.6	0.000857	0.000857	0.00000491	0.00475	0.00138	0.0766	0.0116	0.00000578	21.7	0.0000171	0.000684
2034 Feb	389	0.295	0.377	0.0136	179	0.0715	72.6	0.000857	0.000857	0.00000491	0.00475	0.00138	0.0766	0.0116	0.00000578	21.7	0.0000171	0.000684
2034 Mar	389	0.295	0.378	0.0136	179	0.0715	72.6	0.000857	0.000857	0.00000491	0.00475	0.00138	0.0766	0.0116	0.00000578	21.7	0.0000171	0.000684
2034 Apr	389	0.295	0.378	0.0136	179	0.0715	72.6	0.000857	0.000857	0.00000492	0.00475	0.00138	0.0767	0.0116	0.00000578	21.7	0.0000171	0.000684
2034 May	390	0.296	0.379	0.0136	179	0.0718	72.9	0.000858	0.000858	0.00000492	0.00477	0.00139	0.077	0.0117	0.00000579	21.8	0.0000172	0.000687
2034 Jun	390	0.295	0.377	0.0135	178	0.0722	73.7	0.000855	0.000855	0.00000491	0.0048	0.00141	0.0778	0.0119	0.00000579	22	0.0000174	0.000697
2034 Jul	373	0.28	0.358	0.0129	170	0.0703	70.8	0.000862	0.000862	0.00000492	0.0047	0.00136	0.0747	0.0117	0.00000577	21.4	0.0000168	0.000675
2034 Aug	344	0.257	0.328	0.0119	156	0.0669	65.3	0.000878	0.000878	0.00000495	0.00455	0.00127	0.069	0.0113	0.00000573	20.2	0.0000159	0.000624
2034 Sep	323	0.239	0.306	0.0111	146	0.0643	61.5	0.000884	0.000884	0.00000495	0.00445	0.0012	0.0651	0.0111	0.00000568	19.4	0.0000152	0.000586
2034 Oct	315	0.232	0.297	0.0108	142	0.0634	60.2	0.000883	0.000883	0.00000493	0.00441	0.00118	0.0637	0.011	0.00000564	19.1	0.000015	0.000571
2034 Nov	315	0.233	0.297	0.0108	142	0.0635	60.2	0.000883	0.000883	0.00000493	0.00441	0.00118	0.0637	0.011	0.00000565	19.1	0.000015	0.000572
2034 Dec	315	0.233	0.297	0.0108	142	0.0635	60.2	0.000883	0.000883	0.00000493	0.00441	0.00118	0.0637	0.011	0.00000565	19.1	0.000015	0.000572
2035 Jan	315	0.233	0.297	0.0108	142	0.0635	60.2	0.000883	0.000883	0.00000493	0.00441	0.00118	0.0637	0.011	0.00000565	19.1	0.000015	0.000572
2035 Feb	315	0.233	0.297	0.0108	142	0.0635	60.2	0.000883	0.000883	0.00000493	0.00441	0.00118	0.0637	0.011	0.00000565	19.1	0.000015	0.000572
2035 Mar	315	0.233	0.297	0.0108	142	0.0635	60.2	0.000883	0.000883	0.00000493	0.00441	0.00118	0.0637	0.011	0.00000565	19.1	0.000015	0.000572
2035 Apr	315	0.233	0.297	0.0108	142	0.0635	60.3	0.000884	0.000884	0.00000494	0.00441	0.00118	0.0638	0.011	0.00000565	19.1	0.000015	0.000572
2035 May	316	0.233	0.298	0.0109	142	0.0636	60.4	0.000885	0.000885	0.00000495	0.00442	0.00118	0.0639	0.011	0.00000566	19.1	0.000015	0.000574
2035 Jun	316	0.232	0.296	0.0108	141	0.0638	61	0.000879	0.000879	0.00000492	0.00444	0.0012	0.0645	0.0111	0.00000564	19.3	0.0000152	0.000581
2035 Jul	305	0.223	0.284	0.0104	136	0.0627	59.2	0.000884	0.000884	0.00000493	0.00438	0.00116	0.0626	0.011	0.00000563	18.9	0.0000149	0.000567
2035 Aug	289	0.21	0.268	0.00987	129	0.0608	56.2	0.000893	0.000893	0.00000495	0.0043	0.00112	0.0595	0.0108	0.00000561	18.2	0.0000143	0.00054
2035 Sep	276	0.199	0.254	0.00939	122	0.0592	53.8	0.000894	0.000894	0.00000493	0.00423	0.00107	0.057	0.0106	0.00000556	17.7	0.0000139	0.000515
2035 Oct	269	0.194	0.247	0.00915	119	0.0583	52.6	0.000895	0.000895	0.00000492	0.0042	0.00105	0.0557	0.0105	0.00000554	17.4	0.0000137	0.000503
2035 Nov	269	0.194	0.247	0.00916	119	0.0584	52.8	0.000893	0.000893	0.00000491	0.0042	0.00106	0.0559	0.0105	0.00000553	17.5	0.0000137	0.000504
2035 Dec	269	0.194	0.247	0.00916	119	0.0584	52.8	0.000893	0.000893	0.00000491	0.0042	0.00106	0.0559	0.0105	0.00000553	17.5	0.0000137	0.000504
2036 Jan	269	0.194	0.247	0.00916	119	0.0584	52.8	0.000893	0.000893	0.00000491	0.0042	0.00106	0.0559	0.0105	0.00000553	17.5	0.0000137	0.000504
2036 Feb	269	0.194	0.247	0.00916	119	0.0584	52.8	0.000893	0.000893	0.00000491	0.0042	0.00106	0.0559	0.0105	0.00000553	17.5	0.0000137	0.000504
2036 Mar	269	0.194	0.247	0.00916	119	0.0584	52.8	0.000893	0.000893	0.00000491	0.0042	0.00106	0.0559	0.0105	0.00000553	17.5	0.0000137	0.000504
2036 Apr	269	0.194	0.248	0.00916	119	0.0585	52.8	0.000894	0.000894	0.00000492	0.00421	0.00106	0.056	0.0106	0.00000554	17.5	0.0000137	0.000505
2036 May	270	0.195	0.248	0.00918	119	0.0586	52.9	0.000895	0.000895	0.00000493	0.00421	0.00106	0.0561	0.0106	0.00000555	17.5	0.0000137	0.000506
2036 Jun	268	0.193	0.245	0.00909	118	0.0584	52.8	0.000893	0.000893	0.00000491	0.00421	0.00106	0.056	0.0106	0.00000553	17.5	0.0000138	0.000506
2036 Jul	260	0.186	0.237	0.00881	114	0.0575	51.4	0.000897	0.000897	0.00000492	0.00417	0.00104	0.0545	0.0105	0.00000552	17.2	0.0000135	0.000495
2036 Aug	249	0.178	0.226	0.00845	109	0.0562	49.2	0.000906	0.000906	0.00000495	0.00412	0.001	0.0522	0.0104	0.00000552	16.7	0.0000132	0.000475
2036 Sep	239	0.17	0.216	0.0081	105	0.0549	47.3	0.00091	0.00091	0.00000495	0.00407	0.000967	0.0502	0.0102	0.0000055	16.3	0.0000128	0.000455
2036 Oct	234	0.166	0.211	0.00793	102	0.0543	46.4	0.00091	0.00091	0.00000494	0.00404	0.000951	0.0492	0.0102	0.00000548	16.1	0.0000126	0.000446
2036 Nov	234	0.166	0.211	0.00793	102	0.0543	46.4	0.00091	0.00091	0.00000494	0.00404	0.000952	0.0493	0.0102	0.00000548	16.1	0.0000126	0.000446
2036 Dec	234	0.166	0.211	0.00793	102	0.0543	46.4	0.000909	0.000909	0.00000494	0.00404	0.000952	0.0493	0.0102	0.00000548	16.1	0.0000126	0.000446
2037 Jan	234	0.166	0.211	0.00793	102	0.0543	46.4	0.000909	0.000909	0.00000494	0.00404	0.000952	0.0493	0.0102	0.00000548	16.1	0.0000126	0.000446
2037 Feb	234	0.166	0.211	0.00793	102	0.0543	46.4	0.000909	0.000909	0.00000494	0.00404	0.000952	0.0493	0.0102	0.00000548	16.1	0.0000126	0.000446
2037 Mar	234	0.166	0.211	0.00793	102	0.0543	46.4	0.000909	0.000909	0.00000494	0.00404	0.000952	0.0493	0.0102	0.00000548	16.1	0.0000126	0.000446
2037 Apr	235	0.166	0.211	0.00793	102	0.0543	46.4	0.00091	0.00091	0.00000494	0.00404	0.000952	0.0493	0.0102	0.00000548	16.1	0.0000127	0.000446
2037 May	235	0.166	0.211	0.00793	102	0.0544	46.5	0.00091	0.00091	0.00000494	0.00405	0.000956	0.0494	0.0102	0.00000548	16.2	0.0000127	0.000448
2037 Jun	233	0.164	0.209	0.00786	101	0.0542	46.5	0.000904	0.000904	0.00000491	0.00404	0.000958	0.0494	0.0103	0.00000545	16.2	0.0000127	0.000449
2037 Jul	228	0.16	0.203	0.00766	98.7	0.0536	45.4	0.00091	0.00091	0.00000493	0.00401	0.00094	0.0482	0.0102	0.00000546	15.9	0.0000125	0.00044
2037 Aug	220	0.154	0.195	0.0074	95.1	0.0526	43.8	0.000917	0.000917	0.00000495	0.00397	0.000913	0.0465	0.0101	0.00000546	15.6	0.0000122	0.000426
2037 Sep	212	0.148	0.188	0.00715	91.8	0.0517	42.3	0.000922	0.000922	0.00000497	0.00394	0.000888	0.045	0.01	0.00000545	15.3	0.000012	0.00041
2037 Oct	208	0.145	0.184	0.00702	90	0.0512	41.6	0.000922	0.000922	0.00000496	0.00392	0.000875	0.0442	0.00998	0.00000544	15.1	0.0000118	0.000403
2037 Nov	209	0.145	0.184	0.00702	90	0.0512	41.6	0.000922	0.000922	0.00000496	0.00392	0.000875	0.0442	0.00998	0.00000544	15.1	0.0000119	0.000403
2037 Dec	209	0.145	0.184	0.00702	90	0.0512	41.6	0.000922	0.000922	0.00000496	0.00392	0.000875	0.0442	0.00998	0.00000544	15.1	0.0000119	0.000403
2038 Jan	209	0.145	0.184	0.00702	90	0.0512	41.6	0.000922	0.000922	0.00000496	0.00392	0.000875	0.0442	0.00998	0.00000544	15.1	0.0000119	0.000403
2038 Feb	209	0.145	0.184	0.00702	90	0.0512	41.6	0.000922	0.000922	0.00000496	0.00392	0.000875	0.0442	0.00998	0.00000544	15.1	0.0000119	0.000403
2038 Mar	209	0.145	0.184	0.00702	90	0.0512	41.6	0.000922	0.000922	0.00000496	0.00392	0.000875	0.0442	0.00998	0.00000544	15.1	0.0000119	0.000403
2038 Apr	209	0.145	0.184	0.00702	90.1	0.0512	41.6	0.000923	0.000923	0.00000496	0.00392	0.000876	0.0442	0.00999	0.00000544	15.2	0.0000119	0.000403
2038 May	209	0.145	0.184	0.00703	90.2	0.0513	41.7	0.000924	0.000924	0.00000497	0.00393	0.000878	0.0443	0.01	0.00000545	15.2	0.0000119	0.000404
2038 Jun	207	0.144	0.182	0.00696	89.3	0.0511	41.5	0.000921	0.000921	0.00000495	0.00392	0.000878	0.0441	0.01	0.00000543	15.2	0.0000119	0.000404
2038 Jul	205	0.142	0.179	0.00687	88	0.0508	40.9	0.000927	0.000927	0.00000498	0.00391	0.000869	0.0435	0.01	0.00000545	15.1	0.0000118	0.0004
2038 Aug	205	0.142	0.18	0.00689	88.3	0.0511	41.2	0.000931	0.000931	0.000005	0.00393	0.000874	0.0438	0.0101	0.00000547	15.2	0.0000119	0.000402
2038 Sep	206	0.142	0.18	0.00691	88.4	0.0512	41.3	0.000931	0.000931	0.000005	0.00394	0.000877	0.0439	0.0101	0.00000548	15.2	0.0000119	0.000404
2038 Oct	206	0.142	0.18	0.00691	88.5	0.0513	41.4	0.000931	0.000931	0.000005	0.00394	0.000878	0.044	0.0101	0.00000548	15.2	0.0000119	0.000404
2038 Nov	206	0.143	0.18	0.00691	88.5	0.0513	41.4	0.000931	0.000931	0.000005	0.00394	0.000879	0.044	0.0101	0.00000548	15.2	0.0000119	0.000404
2038 Dec	206	0.143	0.18	0.00691	88.5	0.0513	41.4	0.000931	0.000931	0.000005	0.00394	0.000879	0.044	0.0101	0.00000548	15.2	0.0000119	0.000404
2039 Jan	206	0.143	0.18	0.00691	88.5	0.0513	41.4	0.000931	0.000931	0.000005	0.00394	0.000879	0.044	0.0101	0.00000548	15.2	0.0000119	0.000404
2039 Feb	206	0.143	0.18	0.00691	88.5	0.0513	41.4	0.000931	0.000931	0.000005	0.00394	0.000879	0.044	0.0101	0.00000548	15.2	0.0000119	0.000404
2039 Mar	206	0.143	0.18	0.00691	88.5	0.0513	41.4	0.000931	0.000931	0.000005	0.00394	0.000879	0.0441	0.0101	0.00000548	15.2	0.0000119	0.000404
2039 Apr	206	0.143	0.18	0.00691	88.5	0.0513	41.4	0.000931	0.000931	0.000005	0.00394	0.000879	0.0441	0.0101	0.00000548	15.2	0.0000119	0.000405
2039 May	207	0.143	0.181	0.00692	88.6	0.0514	41.5	0.000933	0.000933	0.00000501	0.00395	0.00088	0.0441	0.0101	0.00000549	15.2	0.0000119	0.000405

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Jun	197	0.137	0.185	0.00654	83.5	0.05	39.2	0.000936	0.000936	0.00000501	0.00417	0.000904	0.0422	0.0108	0.00000545	15.4	0.0000124	0.000397
2039 Jul	173	0.125	0.206	0.00569	71.4	0.0466	33.5	0.000947	0.000946	0.00000501	0.00466	0.000956	0.0373	0.0124	0.00000539	15.7	0.0000134	0.000374
2039 Aug	166	0.122	0.218	0.00546	68	0.0457	32	0.000951	0.000951	0.00000502	0.0048	0.000973	0.036	0.0128	0.00000538	15.8	0.0000137	0.000368
2039 Sep	167	0.123	0.218	0.00547	68.2	0.0458	32.1	0.000953	0.000952	0.00000503	0.00482	0.000977	0.0362	0.0128	0.00000539	15.8	0.0000138	0.00037
2039 Oct	167	0.122	0.218	0.00547	68.3	0.0459	32.2	0.000952	0.000952	0.00000503	0.00482	0.000978	0.0363	0.0128	0.00000539	15.8	0.0000138	0.00037
2039 Nov	167	0.123	0.218	0.00547	68.3	0.0459	32.2	0.000952	0.000952	0.00000503	0.00482	0.000978	0.0363	0.0128	0.00000539	15.8	0.0000138	0.00037
2039 Dec	167	0.123	0.218	0.00547	68.3	0.0459	32.2	0.000952	0.000952	0.00000503	0.00482	0.000978	0.0363	0.0128	0.00000539	15.8	0.0000138	0.00037
2040 Jan	167	0.123	0.218	0.00547	68.3	0.0459	32.2	0.000952	0.000952	0.00000503	0.00482	0.000978	0.0363	0.0128	0.00000539	15.8	0.0000138	0.00037
2040 Feb	167	0.123	0.218	0.00547	68.3	0.0459	32.2	0.000952	0.000952	0.00000503	0.00482	0.000978	0.0363	0.0128	0.00000539	15.8	0.0000138	0.00037
2040 Mar	167	0.123	0.218	0.00547	68.3	0.0459	32.2	0.000952	0.000952	0.00000503	0.00482	0.000978	0.0363	0.0128	0.00000539	15.8	0.0000138	0.00037
2040 Apr	167	0.123	0.218	0.00547	68.3	0.0459	32.2	0.000953	0.000952	0.00000503	0.00482	0.000978	0.0363	0.0128	0.00000539	15.8	0.0000138	0.00037
2040 May	167	0.123	0.219	0.00547	68.3	0.046	32.2	0.000954	0.000954	0.00000504	0.00483	0.00098	0.0364	0.0129	0.0000054	15.9	0.0000138	0.000371
2040 Jun	148	0.115	0.268	0.00487	58.6	0.0432	27.4	0.000964	0.000964	0.00000505	0.00517	0.00102	0.0324	0.0143	0.00000535	16.1	0.0000145	0.00035
2040 Jul	142	0.114	0.288	0.0047	55.6	0.0424	26	0.00097	0.000969	0.00000507	0.00529	0.00104	0.0312	0.0147	0.00000535	16.2	0.0000148	0.000344
2040 Aug	143	0.114	0.289	0.00471	55.9	0.0426	26.2	0.000972	0.000971	0.00000508	0.00531	0.00105	0.0315	0.0147	0.00000537	16.3	0.0000148	0.000347
2040 Sep	143	0.114	0.289	0.00471	56.1	0.0428	26.4	0.000973	0.000972	0.00000508	0.00532	0.00105	0.0316	0.0148	0.00000537	16.3	0.0000148	0.000348
2040 Oct	143	0.114	0.289	0.00471	56.1	0.0428	26.4	0.000973	0.000972	0.00000509	0.00532	0.00105	0.0317	0.0148	0.00000538	16.4	0.0000149	0.000349
2040 Nov	143	0.114	0.289	0.00471	56.1	0.0428	26.5	0.000973	0.000973	0.00000509	0.00532	0.00105	0.0317	0.0148	0.00000538	16.4	0.0000149	0.000349
2040 Dec	143	0.114	0.289	0.00471	56.1	0.0428	26.5	0.000973	0.000973	0.00000509	0.00532	0.00105	0.0317	0.0148	0.00000538	16.4	0.0000149	0.000349
2041 Jan	143	0.114	0.289	0.00471	56.1	0.0428	26.5	0.000973	0.000973	0.00000509	0.00532	0.00105	0.0317	0.0148	0.00000538	16.4	0.0000149	0.000349
2041 Feb	143	0.114	0.289	0.00471	56.1	0.0428	26.5	0.000973	0.000973	0.00000509	0.00532	0.00105	0.0317	0.0148	0.00000538	16.4	0.0000149	0.000349
2041 Mar	143	0.114	0.289	0.00471	56.1	0.0428	26.5	0.000973	0.000973	0.00000509	0.00532	0.00105	0.0317	0.0148	0.00000538	16.4	0.0000149	0.000349
2041 Apr	144	0.114	0.289	0.00472	56.2	0.0428	26.5	0.000974	0.000973	0.00000509	0.00532	0.00105	0.0317	0.0148	0.00000538	16.4	0.0000149	0.000349
2041 May	144	0.114	0.289	0.00472	56.2	0.0429	26.5	0.000974	0.000974	0.00000509	0.00533	0.00105	0.0318	0.0148	0.00000538	16.4	0.0000149	0.00035
2041 Jun	134	0.111	0.33	0.00448	51.6	0.0415	24.2	0.00098	0.000979	0.0000051	0.00548	0.00106	0.03	0.0152	0.00000537	16.3	0.0000152	0.000337
2041 Jul	117	0.107	0.417	0.00411	43.4	0.039	20	0.000983	0.000981	0.00000509	0.00565	0.00107	0.0268	0.0156	0.0000053	15.9	0.0000155	0.000311
2041 Aug	118	0.108	0.419	0.00412	43.7	0.0392	20.2	0.000986	0.000985	0.00000511	0.00568	0.00108	0.027	0.0156	0.00000532	16	0.0000156	0.000314
2041 Sep	118	0.108	0.419	0.00413	43.8	0.0394	20.4	0.000987	0.000986	0.00000511	0.00569	0.00108	0.0272	0.0157	0.00000533	16	0.0000156	0.000315
2041 Oct	118	0.108	0.419	0.00413	43.9	0.0394	20.5	0.000987	0.000985	0.00000511	0.00569	0.00108	0.0273	0.0157	0.00000533	16	0.0000157	0.000316
2041 Nov	119	0.108	0.419	0.00413	43.9	0.0395	20.5	0.000987	0.000986	0.00000511	0.00569	0.00108	0.0273	0.0157	0.00000534	16	0.0000157	0.000316
2041 Dec	119	0.108	0.419	0.00413	43.9	0.0395	20.5	0.000987	0.000986	0.00000511	0.00569	0.00108	0.0273	0.0157	0.00000534	16	0.0000157	0.000316
2042 Jan	119	0.108	0.419	0.00413	43.9	0.0395	20.5	0.000987	0.000986	0.00000511	0.00569	0.00108	0.0273	0.0157	0.00000534	16	0.0000157	0.000316
2042 Feb	119	0.108	0.419	0.00413	43.9	0.0395	20.5	0.000987	0.000986	0.00000511	0.00569	0.00108	0.0273	0.0157	0.00000534	16	0.0000157	0.000316
2042 Mar	119	0.108	0.419	0.00413	43.9	0.0395	20.5	0.000987	0.000986	0.00000511	0.00569	0.00108	0.0273	0.0157	0.00000534	16	0.0000157	0.000316
2042 Apr	119	0.108	0.419	0.00413	43.9	0.0395	20.5	0.000988	0.000986	0.00000512	0.00569	0.00108	0.0273	0.0157	0.00000534	16	0.0000157	0.000316
2042 May	119	0.108	0.42	0.00414	44	0.0395	20.5	0.00099	0.000988	0.00000513	0.0057	0.00108	0.0274	0.0157	0.00000535	16.1	0.0000157	0.000317
2042 Jun	116	0.108	0.441	0.00407	42.5	0.0391	19.8	0.00099	0.000988	0.00000512	0.00574	0.00108	0.0269	0.0157	0.00000534	15.9	0.0000158	0.000312
2042 Jul	112	0.107	0.47	0.00401	40.7	0.0387	19	0.000992	0.00099	0.00000513	0.00578	0.00108	0.0263	0.0157	0.00000533	15.8	0.0000159	0.000306
2042 Aug	108	0.107	0.498	0.00396	39.1	0.0383	18.2	0.000991	0.000989	0.00000512	0.00579	0.00108	0.0258	0.0156	0.00000531	15.6	0.0000158	0.0003
2042 Sep	106	0.107	0.523	0.00393	37.8	0.0379	17.5	0.00099	0.000988	0.00000511	0.00578	0.00108	0.0254	0.0155	0.0000053	15.4	0.0000158	0.000294
2042 Oct	104	0.107	0.541	0.00392	37	0.0377	17	0.000988	0.000986	0.0000051	0.00576	0.00107	0.0251	0.0155	0.00000528	15.2	0.0000157	0.000289
2042 Nov	104	0.107	0.542	0.00392	37	0.0377	17	0.000989	0.000987	0.0000051	0.00577	0.00107	0.0251	0.0155	0.00000528	15.2	0.0000157	0.000289
2042 Dec	104	0.107	0.542	0.00392	37	0.0377	17	0.000989	0.000987	0.0000051	0.00577	0.00107	0.0251	0.0155	0.00000529	15.2	0.0000157	0.000289
2043 Jan	104	0.107	0.542	0.00392	37	0.0377	17	0.000989	0.000987	0.0000051	0.00577	0.00107	0.0251	0.0155	0.00000529	15.2	0.0000157	0.000289
2043 Feb	104	0.107	0.542	0.00392	37	0.0377	17	0.000989	0.000987	0.0000051	0.00577	0.00107	0.0251	0.0155	0.00000529	15.2	0.0000157	0.000289
2043 Mar	104	0.107	0.542	0.00392	37	0.0377	17	0.000989	0.000987	0.0000051	0.00577	0.00107	0.0251	0.0155	0.00000529	15.2	0.0000157	0.000289
2043 Apr	104	0.107	0.542	0.00392	37	0.0377	17	0.000989	0.000987	0.0000051	0.00577	0.00107	0.0251	0.0155	0.00000529	15.3	0.0000157	0.000289
2043 May	104	0.107	0.543	0.00393	37.1	0.0378	17.1	0.000991	0.000989	0.00000511	0.00578	0.00108	0.0251	0.0155	0.0000053	15.3	0.0000157	0.00029
2043 Jun	98.7	0.108	0.594	0.00389	34.8	0.037	15.7	0.000986	0.000983	0.00000508	0.00573	0.00107	0.0241	0.0156	0.00000525	15.1	0.0000155	0.000279
2043 Jul	98.3	0.109	0.607	0.0039	34.6	0.037	15.7	0.000989	0.000986	0.00000509	0.00574	0.00107	0.0241	0.0156	0.00000526	15.1	0.0000155	0.000279
2043 Aug	99.1	0.109	0.609	0.00392	34.9	0.0373	15.9	0.000992	0.00099	0.00000511	0.00577	0.00108	0.0244	0.0157	0.00000529	15.2	0.0000156	0.000281
2043 Sep	99.7	0.109	0.609	0.00392	35	0.0374	16	0.000993	0.00099	0.00000512	0.00578	0.00108	0.0246	0.0157	0.00000529	15.2	0.0000156	0.000283
2043 Oct	99.9	0.109	0.608	0.00391	35.1	0.0375	16.1	0.000992	0.00099	0.00000511	0.00578	0.00108	0.0247	0.0157	0.00000529	15.2	0.0000156	0.000284
2043 Nov	99.9	0.109	0.608	0.00391	35.1	0.0375	16.2	0.000992	0.000989	0.00000511	0.00578	0.00108	0.0247	0.0157	0.00000529	15.2	0.0000156	0.000284
2043 Dec	99.9	0.109	0.608	0.00391	35.1	0.0375	16.2	0.000992	0.000989	0.00000511	0.00578	0.00108	0.0247	0.0157	0.00000529	15.2	0.0000156	0.000284
2044 Jan	99.9	0.109	0.608	0.00391	35.1	0.0375	16.2	0.000992	0.000989	0.00000511	0.00578	0.00108	0.0247	0.0157	0.00000529	15.2	0.0000156	0.000284
2044 Feb	99.9	0.109	0.608	0.00391	35.1	0.0375	16.2	0.000992	0.000989	0.00000511	0.00578	0.00108	0.0247	0.0157	0.00000529	15.2	0.0000156	0.000284
2044 Mar	100	0.109	0.608	0.00391	35.1	0.0375	16.2	0.000992	0.000989	0.00000511	0.00578	0.00108	0.0247	0.0157	0.00000529	15.3	0.0000156	0.000284
2044 Apr	100	0.109	0.608	0.00391	35.1	0.0375	16.2	0.000992	0.000989	0.00000511	0.00578	0.00108	0.0247	0.0157	0.00000529	15.3	0.0000156	0.000284
2044 May	100	0.11	0.609	0.00392	35.2	0.0375	16.2	0.000993	0.000991	0.00000512	0.00579	0.00109	0.0247	0.0157	0.0000053	15.3	0.0000157	0.000285
2044 Jun	96.1	0.11	0.647	0.0039	33.5	0.037	15.2	0.000992	0.000989	0.00000511	0.00577	0.00108	0.0241	0.0156	0.00000527	15	0.0000156	0.000276
2044 Jul	94.2	0.111	0.673	0.00391	32.7	0.0368	14.7	0.000994	0.000991	0.00000511	0.00577	0.00107	0.0237	0.0156	0.00000527	14.9	0.0000155	0.000271
2044 Aug	94.9	0.112	0.676	0.00393	32.9	0.037	14.8	0.000999	0.000996	0.00000514	0.0058	0.00108	0.0239	0.0157	0.0000053	15	0.0000156	0.000273
2044 Sep	95.5	0.112	0.674	0.00392	33.1	0.0371	15.1	0.000997	0.000994	0.00000514	0.0058	0.00108	0.0242	0.0157	0.0000053	15	0.0000157	0.000275
2044 Oct	95.8	0.111	0.673	0.00392	33.1	0.0372	15.2	0.000996	0.000993	0.00000513	0.0058	0.00108	0.0243	0.0157	0.0000053	15	0.0000157	0.000276
2044 Nov	95.8	0.112	0.673	0.00392	33.1	0.0372	15.2	0.000996	0.000993	0.00000513	0.0058	0.00109	0.0243	0.0157	0.0000053	15	0.0000157	0.000276
2044 Dec	95.8	0.112	0.673	0.00392	33.1	0.0372	15.2	0.000996	0.000993	0.00000513	0.0058	0.00109	0.0243	0.0157	0.0000053	15	0.0000157	0.000276

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Jan	95.8	0.112	0.673	0.00392	33.1	0.0372	15.2	0.000996	0.000993	0.00000513	0.0058	0.00109	0.0243	0.0157	0.0000053	15	0.0000157	0.000276
2045 Feb	95.8	0.112	0.673	0.00392	33.1	0.0372	15.2	0.000996	0.000993	0.00000513	0.0058	0.00109	0.0243	0.0157	0.0000053	15	0.0000157	0.000276
2045 Mar	95.8	0.112	0.673	0.00392	33.1	0.0372	15.2	0.000996	0.000993	0.00000513	0.0058	0.00109	0.0243	0.0157	0.0000053	15	0.0000157	0.000276
2045 Apr	95.8	0.112	0.674	0.00392	33.1	0.0372	15.2	0.000996	0.000994	0.00000513	0.00581	0.00109	0.0243	0.0157	0.0000053	15.1	0.0000157	0.000276
2045 May	95.9	0.112	0.674	0.00392	33.2	0.0373	15.2	0.000998	0.000995	0.00000514	0.00581	0.00109	0.0243	0.0157	0.00000531	15.1	0.0000157	0.000277
2045 Jun	94.3	0.112	0.69	0.00392	32.5	0.0371	14.8	0.000999	0.000996	0.00000514	0.00582	0.00108	0.0241	0.0156	0.00000531	14.9	0.0000157	0.000273
2045 Jul	93.1	0.113	0.707	0.00393	32	0.037	14.5	0.001	0.001	0.00000516	0.00584	0.00108	0.0239	0.0155	0.00000532	14.8	0.0000157	0.00027
2045 Aug	93.8	0.113	0.709	0.00395	32.2	0.0372	14.6	0.00101	0.001	0.00000518	0.00587	0.00108	0.0242	0.0155	0.00000534	14.9	0.0000158	0.000272
2045 Sep	94.3	0.113	0.709	0.00395	32.4	0.0374	14.8	0.00101	0.001	0.00000518	0.00587	0.00109	0.0243	0.0156	0.00000535	14.9	0.0000158	0.000273
2045 Oct	94.4	0.113	0.709	0.00395	32.4	0.0374	14.9	0.00101	0.001	0.00000519	0.00588	0.00109	0.0244	0.0156	0.00000535	14.9	0.0000158	0.000274
2045 Nov	94.4	0.113	0.71	0.00395	32.4	0.0374	14.9	0.00101	0.001	0.00000519	0.00588	0.00109	0.0244	0.0156	0.00000535	14.9	0.0000158	0.000274
2045 Dec	94.5	0.113	0.71	0.00395	32.4	0.0374	14.9	0.00101	0.001	0.00000519	0.00588	0.00109	0.0244	0.0156	0.00000535	14.9	0.0000158	0.000274
2046 Jan	94.5	0.113	0.71	0.00395	32.4	0.0374	14.9	0.00101	0.001	0.00000519	0.00588	0.00109	0.0244	0.0156	0.00000535	14.9	0.0000158	0.000274
2046 Feb	94.5	0.113	0.71	0.00395	32.4	0.0374	14.9	0.00101	0.001	0.00000519	0.00588	0.00109	0.0244	0.0156	0.00000535	14.9	0.0000158	0.000274
2046 Mar	94.5	0.113	0.71	0.00395	32.4	0.0374	14.9	0.00101	0.001	0.00000519	0.00588	0.00109	0.0244	0.0156	0.00000535	14.9	0.0000159	0.000274
2046 Apr	94.5	0.113	0.71	0.00395	32.4	0.0375	14.9	0.00101	0.001	0.00000519	0.00588	0.00109	0.0244	0.0156	0.00000535	14.9	0.0000159	0.000274
2046 May	94.6	0.113	0.711	0.00396	32.5	0.0375	14.9	0.00101	0.00101	0.0000052	0.00589	0.00109	0.0245	0.0156	0.00000536	15	0.0000159	0.000275
2046 Jun	92.5	0.113	0.724	0.00395	31.6	0.0371	14.4	0.00101	0.00101	0.0000052	0.0059	0.00108	0.0241	0.0154	0.00000536	14.7	0.0000159	0.000269
2046 Jul	89.4	0.113	0.747	0.00395	30.5	0.0366	13.6	0.00101	0.00101	0.00000519	0.00588	0.00106	0.0236	0.015	0.00000534	14.3	0.0000159	0.00026
2046 Aug	90.1	0.113	0.749	0.00396	30.7	0.0368	13.8	0.00101	0.00101	0.0000052	0.0059	0.00107	0.0238	0.0151	0.00000536	14.3	0.0000159	0.000262
2046 Sep	90.7	0.113	0.747	0.00395	30.9	0.0369	14	0.00101	0.00101	0.0000052	0.0059	0.00107	0.024	0.0151	0.00000535	14.4	0.000016	0.000264
2046 Oct	90.3	0.113	0.751	0.00395	30.7	0.0369	13.9	0.00101	0.00101	0.00000519	0.00589	0.00107	0.024	0.015	0.00000535	14.3	0.0000159	0.000263
2046 Nov	90.1	0.113	0.752	0.00395	30.7	0.0369	13.9	0.00101	0.00101	0.00000519	0.00588	0.00107	0.0239	0.015	0.00000535	14.3	0.0000159	0.000262
2046 Dec	90.1	0.113	0.752	0.00395	30.7	0.0369	13.9	0.00101	0.00101	0.00000519	0.00588	0.00107	0.0239	0.015	0.00000535	14.3	0.0000159	0.000262
2047 Jan	90.1	0.113	0.752	0.00395	30.7	0.0369	13.9	0.00101	0.00101	0.00000519	0.00588	0.00107	0.0239	0.015	0.00000535	14.3	0.0000159	0.000262
2047 Feb	90.1	0.113	0.752	0.00395	30.7	0.0369	13.9	0.00101	0.00101	0.00000519	0.00588	0.00107	0.0239	0.015	0.00000535	14.3	0.0000159	0.000262
2047 Mar	90.1	0.113	0.752	0.00395	30.7	0.0369	13.9	0.00101	0.00101	0.00000519	0.00589	0.00107	0.0239	0.015	0.00000535	14.3	0.0000159	0.000262
2047 Apr	90.1	0.113	0.752	0.00396	30.7	0.0369	13.9	0.00101	0.00101	0.00000519	0.00589	0.00107	0.0239	0.015	0.00000535	14.3	0.0000159	0.000262
2047 May	90	0.113	0.754	0.00396	30.7	0.0369	13.9	0.00101	0.00101	0.0000052	0.00589	0.00107	0.0239	0.015	0.00000535	14.3	0.0000159	0.000262
2047 Jun	87.5	0.114	0.774	0.00396	29.8	0.0361	13.1	0.000998	0.000995	0.00000513	0.00577	0.00105	0.0232	0.0149	0.00000528	14.1	0.0000156	0.000255
2047 Jul	88.1	0.114	0.777	0.00398	30	0.0363	13.3	0.001	0.000999	0.00000516	0.0058	0.00106	0.0234	0.015	0.0000053	14.2	0.0000156	0.000256
2047 Aug	88.8	0.115	0.78	0.00399	30.2	0.0366	13.5	0.00101	0.001	0.00000518	0.00582	0.00106	0.0236	0.0151	0.00000533	14.3	0.0000157	0.000258
2047 Sep	89.4	0.115	0.779	0.00399	30.4	0.0367	13.7	0.00101	0.001	0.00000517	0.00582	0.00106	0.0238	0.0151	0.00000533	14.3	0.0000157	0.00026
2047 Oct	89.7	0.115	0.777	0.00398	30.5	0.0368	13.8	0.001	0.001	0.00000517	0.00582	0.00107	0.024	0.0151	0.00000532	14.3	0.0000157	0.000261
2047 Nov	89.8	0.115	0.777	0.00398	30.5	0.0368	13.8	0.001	0.001	0.00000517	0.00582	0.00107	0.024	0.0151	0.00000532	14.3	0.0000158	0.000262
2047 Dec	89.8	0.115	0.777	0.00398	30.5	0.0368	13.8	0.001	0.001	0.00000517	0.00582	0.00107	0.024	0.0151	0.00000532	14.3	0.0000158	0.000262
2048 Jan	89.8	0.115	0.777	0.00398	30.5	0.0368	13.8	0.001	0.001	0.00000517	0.00582	0.00107	0.024	0.0151	0.00000532	14.3	0.0000158	0.000262
2048 Feb	89.8	0.115	0.777	0.00398	30.5	0.0368	13.8	0.001	0.001	0.00000517	0.00582	0.00107	0.024	0.0151	0.00000532	14.3	0.0000158	0.000262
2048 Mar	89.8	0.115	0.777	0.00398	30.5	0.0368	13.8	0.001	0.001	0.00000517	0.00582	0.00107	0.024	0.0151	0.00000532	14.3	0.0000158	0.000262
2048 Apr	89.8	0.115	0.777	0.00398	30.5	0.0368	13.9	0.001	0.001	0.00000517	0.00582	0.00107	0.024	0.0151	0.00000532	14.3	0.0000158	0.000262
2048 May	89.9	0.115	0.778	0.00399	30.6	0.0368	13.9	0.00101	0.001	0.00000518	0.00583	0.00107	0.024	0.0151	0.00000533	14.3	0.0000158	0.000262
2048 Jun	87.9	0.114	0.784	0.00397	29.9	0.0363	13.3	0.000999	0.000996	0.00000514	0.00578	0.00105	0.0235	0.0149	0.00000529	14.1	0.0000156	0.000256
2048 Jul	85.8	0.114	0.792	0.00397	29.2	0.0357	12.8	0.000991	0.000988	0.0000051	0.00571	0.00103	0.023	0.0146	0.00000524	13.8	0.0000154	0.000249
2048 Aug	86.5	0.114	0.793	0.00398	29.5	0.036	13	0.000993	0.000989	0.00000511	0.00572	0.00104	0.0233	0.0147	0.00000526	13.9	0.0000155	0.000252
2048 Sep	87.1	0.114	0.793	0.00398	29.6	0.0361	13.2	0.000993	0.000989	0.00000511	0.00573	0.00104	0.0235	0.0147	0.00000526	13.9	0.0000155	0.000253
2048 Oct	87.2	0.114	0.792	0.00397	29.6	0.0361	13.3	0.000992	0.000988	0.00000511	0.00573	0.00104	0.0236	0.0146	0.00000526	13.9	0.0000155	0.000254
2048 Nov	87.2	0.114	0.793	0.00397	29.6	0.0361	13.3	0.000992	0.000988	0.0000051	0.00572	0.00104	0.0236	0.0146	0.00000526	13.9	0.0000155	0.000254
2048 Dec	87.2	0.114	0.793	0.00397	29.6	0.0361	13.3	0.000992	0.000988	0.00000511	0.00572	0.00104	0.0236	0.0146	0.00000526	13.9	0.0000155	0.000254
2049 Jan	87.2	0.114	0.793	0.00397	29.6	0.0361	13.3	0.000992	0.000988	0.00000511	0.00572	0.00104	0.0236	0.0146	0.00000526	13.9	0.0000155	0.000254
2049 Feb	87.2	0.114	0.793	0.00397	29.6	0.0361	13.3	0.000992	0.000988	0.00000511	0.00572	0.00104	0.0236	0.0146	0.00000526	13.9	0.0000155	0.000254
2049 Mar	87.2	0.114	0.793	0.00398	29.6	0.0361	13.3	0.000992	0.000988	0.00000511	0.00573	0.00104	0.0236	0.0146	0.00000526	13.9	0.0000155	0.000254
2049 Apr	87.2	0.114	0.793	0.00398	29.7	0.0362	13.3	0.000992	0.000989	0.00000511	0.00573	0.00104	0.0236	0.0146	0.00000526	13.9	0.0000155	0.000254
2049 May	87.4	0.115	0.794	0.00398	29.7	0.0362	13.3	0.000993	0.00099	0.00000511	0.00574	0.00104	0.0236	0.0147	0.00000527	13.9	0.0000155	0.000254
2049 Jun	84.8	0.114	0.796	0.00396	28.9	0.0355	12.7	0.00098	0.000977	0.00000504	0.00562	0.00102	0.023	0.0142	0.00000519	13.4	0.0000152	0.000245
2049 Jul	83.4	0.113	0.799	0.00396	28.6	0.0351	12.4	0.000971	0.000967	0.00000499	0.00554	0.000998	0.0227	0.0139	0.00000514	13.1	0.000015	0.00024
2049 Aug	84	0.114	0.803	0.00398	28.8	0.0353	12.6	0.000975	0.000972	0.00000502	0.00557	0.001	0.0229	0.014	0.00000517	13.2	0.0000151	0.000242
2049 Sep	84.6	0.114	0.802	0.00398	28.9	0.0355	12.8	0.000975	0.000971	0.00000502	0.00557	0.00101	0.0232	0.014	0.00000517	13.3	0.0000151	0.000244
2049 Oct	85	0.113	0.8	0.00397	29	0.0355	13	0.000973	0.000969	0.00000501	0.00557	0.00101	0.0233	0.014	0.00000516	13.3	0.0000151	0.000245
2049 Nov	85.1	0.113	0.8	0.00397	29.1	0.0355	13	0.000973	0.000969	0.00000501	0.00557	0.00101	0.0233	0.014	0.00000516	13.3	0.0000151	0.000245
2049 Dec	85.1	0.113	0.8	0.00397	29.1	0.0355	13	0.000973	0.000969	0.00000501	0.00557	0.00101	0.0233	0.014	0.00000516	13.3	0.0000151	0.000245
2050 Jan	85.1	0.113	0.8	0.00397	29.1	0.0355	13	0.000973	0.000969	0.00000501	0.00557	0.00101	0.0233	0.014	0.00000516	13.3	0.0000151	0.000245
2050 Feb	85.1	0.113	0.8	0.00397	29.1	0.0355	13	0.000973	0.000969	0.00000501	0.00557	0.00101	0.0233	0.014	0.00000516	13.3	0.0000151	0.000245
2050 Mar	85.1	0.113	0.8	0.00397	29.1	0.0355	13	0.000973	0.000969	0.00000501	0.00557	0.00101	0.0233	0.014	0.00000516	13.3	0.0000151	0.000245
2050 Apr	85.1	0.113	0.8	0.00397	29.1	0.0356	13	0.000974	0.00097	0.00000501	0.00557	0.00101	0.0233	0.014	0.00000516	13.3	0.0000151	0.000245
2050 May	85.2	0.114	0.801	0.00397	29.1	0.0356	13	0.000975	0.000971	0.00000502	0.00558	0.00101	0.0234	0.014	0.00000517	13.3	0.0000151	0.000245
2050 Jun	83.9	0.113	0.797	0.00396	28.7	0.0352	12.7	0.000969	0.000965	0.00000499	0.00554	0.000998	0.023	0.0138	0.00000514	13.1	0.000015	0.000241
2050 Jul	82.6	0.112	0.795	0.00394	28.3	0.0349	12.5	0.00096	0.000956	0.00000494	0.00548	0.000983	0.0228	0.0135	0.00000509	12.8	0.0000148	0.000237

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Aug	83.3	0.112	0.797	0.00395	28.5	0.035	12.6	0.000963	0.000959	0.00000496	0.00549	0.000988	0.023	0.0135	0.00000511	12.9	0.0000149	0.000239
2050 Sep	83.8	0.112	0.797	0.00395	28.7	0.0352	12.8	0.000963	0.000959	0.00000496	0.0055	0.000991	0.0232	0.0136	0.00000511	12.9	0.0000149	0.00024
2050 Oct	83.9	0.112	0.797	0.00395	28.7	0.0352	12.9	0.000964	0.000959	0.00000496	0.0055	0.000992	0.0232	0.0136	0.00000511	13	0.000015	0.000241
2050 Nov	84	0.112	0.797	0.00395	28.7	0.0352	12.9	0.000964	0.00096	0.00000496	0.00551	0.000992	0.0232	0.0136	0.00000512	13	0.000015	0.000241
2050 Dec	84	0.113	0.797	0.00395	28.7	0.0352	12.9	0.000964	0.00096	0.00000496	0.00551	0.000992	0.0232	0.0136	0.00000512	13	0.000015	0.000241
2051 Jan	84	0.113	0.797	0.00395	28.7	0.0352	12.9	0.000964	0.00096	0.00000496	0.00551	0.000992	0.0232	0.0136	0.00000512	13	0.000015	0.000241
2051 Feb	84	0.113	0.797	0.00395	28.7	0.0352	12.9	0.000964	0.00096	0.00000496	0.00551	0.000992	0.0232	0.0136	0.00000512	13	0.000015	0.000241
2051 Mar	84	0.113	0.797	0.00395	28.7	0.0352	12.9	0.000964	0.00096	0.00000496	0.00551	0.000992	0.0232	0.0136	0.00000512	13	0.000015	0.000241
2051 Apr	84	0.113	0.798	0.00395	28.7	0.0353	12.9	0.000964	0.00096	0.00000497	0.00551	0.000993	0.0232	0.0136	0.00000512	13	0.000015	0.000241
2051 May	84.1	0.113	0.799	0.00396	28.8	0.0353	12.9	0.000966	0.000961	0.00000497	0.00552	0.000994	0.0233	0.0136	0.00000513	13	0.000015	0.000241
2051 Jun	81.9	0.111	0.789	0.00392	28.1	0.0344	12.3	0.000952	0.000947	0.0000049	0.0054	0.000977	0.0225	0.0135	0.00000504	12.8	0.0000147	0.000235
2051 Jul	81	0.111	0.788	0.00391	27.9	0.034	12.1	0.000943	0.000938	0.00000485	0.00532	0.000965	0.0223	0.0133	0.000005	12.6	0.0000145	0.000232
2051 Aug	81.8	0.111	0.788	0.00391	28.1	0.0342	12.4	0.000944	0.000939	0.00000486	0.00533	0.00097	0.0226	0.0134	0.00000501	12.7	0.0000146	0.000234
2051 Sep	82.2	0.111	0.786	0.0039	28.2	0.0343	12.6	0.000941	0.000936	0.00000485	0.00532	0.000971	0.0228	0.0133	0.000005	12.7	0.0000145	0.000235
2051 Oct	81.1	0.11	0.782	0.00389	27.9	0.034	12.3	0.000931	0.000926	0.00000479	0.00523	0.000957	0.0225	0.0131	0.00000494	12.5	0.0000142	0.000231
2051 Nov	81	0.111	0.782	0.00389	27.9	0.034	12.3	0.00093	0.000925	0.00000479	0.00523	0.000955	0.0224	0.0131	0.00000493	12.4	0.0000142	0.00023
2051 Dec	81	0.111	0.782	0.00389	27.9	0.034	12.3	0.00093	0.000925	0.00000479	0.00523	0.000955	0.0224	0.0131	0.00000493	12.4	0.0000142	0.00023
2052 Jan	81	0.111	0.782	0.00389	27.9	0.034	12.3	0.00093	0.000925	0.00000479	0.00523	0.000955	0.0224	0.0131	0.00000493	12.4	0.0000142	0.00023
2052 Feb	81	0.111	0.782	0.00389	27.9	0.034	12.3	0.00093	0.000925	0.00000479	0.00523	0.000956	0.0224	0.0131	0.00000494	12.4	0.0000142	0.00023
2052 Mar	81	0.111	0.782	0.00389	27.9	0.034	12.3	0.00093	0.000925	0.00000479	0.00523	0.000956	0.0224	0.0131	0.00000494	12.4	0.0000142	0.00023
2052 Apr	81	0.111	0.782	0.00389	27.9	0.034	12.3	0.00093	0.000925	0.00000479	0.00523	0.000956	0.0225	0.0131	0.00000494	12.4	0.0000142	0.00023
2052 May	81.2	0.111	0.783	0.00389	28	0.0341	12.4	0.000931	0.000926	0.00000479	0.00523	0.000957	0.0225	0.0131	0.00000494	12.5	0.0000142	0.000231
2052 Jun	80.6	0.111	0.778	0.00388	27.8	0.0339	12.2	0.000924	0.000918	0.00000475	0.00518	0.000954	0.0223	0.0132	0.0000049	12.5	0.000014	0.000229
2052 Jul	81.4	0.111	0.778	0.00388	28.1	0.034	12.5	0.000923	0.000918	0.00000475	0.00518	0.000958	0.0225	0.0132	0.0000049	12.5	0.000014	0.000231
2052 Aug	82.1	0.111	0.779	0.00388	28.3	0.0343	12.7	0.000925	0.000919	0.00000476	0.00519	0.000963	0.0228	0.0132	0.00000492	12.6	0.0000141	0.000234
2052 Sep	82.5	0.111	0.778	0.00388	28.4	0.0344	12.9	0.000924	0.000919	0.00000476	0.0052	0.000966	0.0229	0.0133	0.00000492	12.6	0.0000141	0.000235
2052 Oct	82.6	0.111	0.777	0.00388	28.4	0.0344	12.9	0.000924	0.000919	0.00000476	0.0052	0.000967	0.0229	0.0133	0.00000492	12.7	0.0000141	0.000235
2052 Nov	82.6	0.111	0.778	0.00388	28.4	0.0344	12.9	0.000925	0.000919	0.00000476	0.0052	0.000967	0.023	0.0133	0.00000492	12.7	0.0000141	0.000235
2052 Dec	82.6	0.111	0.778	0.00388	28.4	0.0344	12.9	0.000925	0.000919	0.00000476	0.0052	0.000967	0.023	0.0133	0.00000492	12.7	0.0000141	0.000235
2053 Jan	82.6	0.111	0.778	0.00388	28.4	0.0344	12.9	0.000925	0.000919	0.00000476	0.0052	0.000967	0.023	0.0133	0.00000492	12.7	0.0000141	0.000235
2053 Feb	82.6	0.111	0.778	0.00388	28.4	0.0344	12.9	0.000925	0.000919	0.00000476	0.0052	0.000967	0.023	0.0133	0.00000492	12.7	0.0000141	0.000235
2053 Mar	82.6	0.111	0.778	0.00388	28.4	0.0344	12.9	0.000925	0.000919	0.00000476	0.0052	0.000967	0.023	0.0133	0.00000492	12.7	0.0000141	0.000235
2053 Apr	82.6	0.111	0.778	0.00388	28.4	0.0345	12.9	0.000925	0.00092	0.00000477	0.0052	0.000967	0.023	0.0133	0.00000492	12.7	0.0000141	0.000236
2053 May	82.7	0.111	0.777	0.00388	28.5	0.0345	12.8	0.000927	0.000921	0.00000477	0.0052	0.000971	0.0229	0.0134	0.00000493	12.7	0.0000141	0.000236
2053 Jun	81.8	0.112	0.765	0.00385	28.2	0.034	12.4	0.00092	0.000914	0.00000473	0.00513	0.000978	0.0223	0.0139	0.00000489	13	0.0000139	0.000235
2053 Jul	82.2	0.112	0.766	0.00385	28.3	0.0341	12.5	0.000921	0.000915	0.00000474	0.00513	0.000982	0.0224	0.0139	0.00000489	13.1	0.0000139	0.000236
2053 Aug	82.9	0.112	0.769	0.00387	28.5	0.0343	12.7	0.000925	0.000918	0.00000476	0.00515	0.000989	0.0226	0.014	0.00000491	13.2	0.0000139	0.000239
2053 Sep	83.3	0.113	0.77	0.00388	28.6	0.0344	12.8	0.000927	0.000921	0.00000477	0.00516	0.000992	0.0228	0.0141	0.00000493	13.2	0.000014	0.00024
2053 Oct	83.5	0.113	0.771	0.00388	28.7	0.0345	12.9	0.000928	0.000921	0.00000477	0.00517	0.000994	0.0228	0.0141	0.00000493	13.2	0.000014	0.00024
2053 Nov	83.6	0.113	0.771	0.00388	28.7	0.0345	12.9	0.000927	0.000921	0.00000477	0.00517	0.000994	0.0228	0.0141	0.00000493	13.2	0.000014	0.000241
2053 Dec	83.6	0.113	0.771	0.00388	28.7	0.0345	12.9	0.000928	0.000921	0.00000477	0.00517	0.000994	0.0228	0.0141	0.00000493	13.2	0.000014	0.000241
2054 Jan	83.6	0.113	0.771	0.00388	28.7	0.0345	12.9	0.000928	0.000921	0.00000477	0.00517	0.000994	0.0228	0.0141	0.00000493	13.2	0.000014	0.000241
2054 Feb	83.6	0.113	0.771	0.00388	28.7	0.0345	12.9	0.000928	0.000921	0.00000477	0.00517	0.000994	0.0228	0.0141	0.00000493	13.2	0.000014	0.000241
2054 Mar	83.6	0.113	0.771	0.00388	28.7	0.0345	12.9	0.000928	0.000921	0.00000477	0.00517	0.000994	0.0228	0.0141	0.00000493	13.2	0.000014	0.000241
2054 Apr	83.6	0.113	0.771	0.00388	28.7	0.0345	12.9	0.000928	0.000921	0.00000477	0.00517	0.000994	0.0228	0.0141	0.00000493	13.3	0.000014	0.000241
2054 May	83.8	0.113	0.772	0.00388	28.8	0.0346	12.9	0.000929	0.000922	0.00000478	0.00518	0.000996	0.0229	0.0141	0.00000494	13.3	0.000014	0.000241
2054 Jun	84.3	0.112	0.763	0.00385	28.9	0.0345	13.1	0.000927	0.00092	0.00000477	0.00518	0.001	0.023	0.0143	0.00000493	13.4	0.0000141	0.000245
2054 Jul	84.5	0.112	0.759	0.00385	28.9	0.0345	13.1	0.000928	0.000922	0.00000478	0.00518	0.00101	0.023	0.0145	0.00000494	13.6	0.0000141	0.000246
2054 Aug	85.3	0.112	0.759	0.00385	29.1	0.0347	13.3	0.000929	0.000923	0.00000478	0.0052	0.00102	0.0232	0.0145	0.00000495	13.7	0.0000142	0.000249
2054 Sep	85.7	0.112	0.758	0.00385	29.2	0.0348	13.5	0.00093	0.000923	0.00000479	0.0052	0.00102	0.0234	0.0145	0.00000495	13.7	0.0000142	0.00025
2054 Oct	85.6	0.112	0.756	0.00384	29.2	0.0348	13.5	0.000931	0.000924	0.00000479	0.0052	0.00102	0.0233	0.0146	0.00000495	13.7	0.0000142	0.00025
2054 Nov	85.5	0.112	0.756	0.00384	29.1	0.0348	13.4	0.000931	0.000924	0.00000479	0.00521	0.00102	0.0233	0.0146	0.00000496	13.7	0.0000142	0.00025
2054 Dec	85.5	0.112	0.756	0.00384	29.1	0.0348	13.4	0.000931	0.000924	0.00000479	0.00521	0.00102	0.0233	0.0146	0.00000496	13.7	0.0000142	0.00025
2055 Jan	85.5	0.112	0.756	0.00384	29.1	0.0348	13.4	0.000931	0.000924	0.00000479	0.00521	0.00102	0.0233	0.0146	0.00000496	13.7	0.0000142	0.00025
2055 Feb	85.5	0.112	0.756	0.00384	29.1	0.0348	13.4	0.000931	0.000924	0.00000479	0.00521	0.00102	0.0233	0.0146	0.00000496	13.7	0.0000142	0.00025
2055 Mar	85.5	0.112	0.756	0.00384	29.1	0.0348	13.4	0.000931	0.000924	0.00000479	0.00521	0.00102	0.0233	0.0146	0.00000496	13.7	0.0000142	0.00025
2055 Apr	85.5	0.112	0.756	0.00384	29.2	0.0348	13.4	0.000932	0.000925	0.00000479	0.00521	0.00102	0.0233	0.0146	0.00000496	13.8	0.0000142	0.00025
2055 May	85.7	0.112	0.757	0.00385	29.2	0.0349	13.4	0.000933	0.000926	0.0000048	0.00521	0.00102	0.0233	0.0146	0.00000496	13.8	0.0000142	0.00025
2055 Jun	83.4	0.111	0.741	0.0038	28.4	0.0342	12.8	0.000929	0.000921	0.00000477	0.00518	0.00101	0.0227	0.0145	0.00000493	13.5	0.0000141	0.000244
2055 Jul	82.2	0.11	0.734	0.00378	28	0.0339	12.5	0.000924	0.000916	0.00000474	0.00514	0.001	0.0224	0.0143	0.0000049	13.3	0.000014	0.000241
2055 Aug	82.9	0.11	0.736	0.0038	28.2	0.0341	12.7	0.000927	0.000919	0.00000476	0.00516	0.00101	0.0226	0.0143	0.00000492	13.4	0.0000141	0.000243
2055 Sep	83.4	0.11	0.736	0.0038	28.4	0.0342	12.9	0.000927	0.000919	0.00000476	0.00517	0.00101	0.0228	0.0143	0.00000492	13.4	0.0000141	0.000245
2055 Oct	83.6	0.11	0.736	0.0038	28.5	0.0343	13	0.000928	0.000919	0.00000476	0.00517	0.00101	0.0229	0.0143	0.00000492	13.5	0.0000141	0.000245
2055 Nov	83.6	0.11	0.736	0.0038	28.5	0.0343	13	0.000928	0.000919	0.00000476	0.00517	0.00101	0.0229	0.0143	0.00000493	13.5	0.0000141	0.000245
2055 Dec	83.6	0.11	0.736	0.0038	28.5	0.0343	13	0.000928	0.000919	0.00000476	0.00517	0.00101	0.0229	0.0143	0.00000493	13.5	0.0000141	0.000245
2056 Jan	83.6	0.11	0.736	0.0038	28.5	0.0343	13	0.000928	0.000919	0.00000476	0.00517	0.00101	0.0229	0.0143	0.00000493	13.5	0.0000141	0.000245
2056 Feb	83.6	0.11	0.736	0.0038	28.5	0.0343	13	0.000928	0.000919	0.00000476	0.00517	0.00101	0.0229	0.0143	0.00000493	13.5	0.0000141	0.000245

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Mar	83.6	0.11	0.736	0.0038	28.5	0.0343	13	0.000928	0.000919	0.00000476	0.00517	0.00101	0.0229	0.0143	0.00000493	13.5	0.0000141	0.000245
2056 Apr	83.7	0.11	0.737	0.0038	28.5	0.0343	13	0.000928	0.00092	0.00000476	0.00517	0.00101	0.0229	0.0143	0.00000493	13.5	0.0000141	0.000245
2056 May	83.9	0.11	0.736	0.0038	28.5	0.0344	13	0.000929	0.000921	0.00000477	0.00518	0.00101	0.023	0.0144	0.00000493	13.5	0.0000141	0.000246
2056 Jun	83.4	0.109	0.723	0.00376	28.3	0.034	12.9	0.000926	0.000917	0.00000475	0.00515	0.00102	0.0227	0.0146	0.00000491	13.6	0.0000141	0.000247
2056 Jul	83.8	0.11	0.725	0.00377	28.4	0.0341	13	0.000929	0.000919	0.00000476	0.00517	0.00102	0.0228	0.0147	0.00000492	13.7	0.0000142	0.000249
2056 Aug	84.6	0.11	0.726	0.00378	28.7	0.0343	13.2	0.00093	0.000921	0.00000477	0.00519	0.00103	0.0231	0.0147	0.00000494	13.8	0.0000142	0.000251
2056 Sep	85.1	0.11	0.727	0.00378	28.8	0.0345	13.3	0.000932	0.000923	0.00000478	0.0052	0.00103	0.0232	0.0148	0.00000495	13.8	0.0000143	0.000252
2056 Oct	85.4	0.11	0.726	0.00378	28.9	0.0345	13.5	0.000931	0.000921	0.00000478	0.0052	0.00103	0.0233	0.0148	0.00000495	13.9	0.0000143	0.000253
2056 Nov	85.4	0.11	0.725	0.00378	28.9	0.0346	13.5	0.000931	0.000921	0.00000478	0.0052	0.00103	0.0234	0.0148	0.00000495	13.9	0.0000143	0.000254
2056 Dec	85.4	0.11	0.725	0.00378	28.9	0.0346	13.5	0.000931	0.000921	0.00000478	0.0052	0.00103	0.0234	0.0148	0.00000495	13.9	0.0000143	0.000254
2057 Jan	85.4	0.11	0.726	0.00378	28.9	0.0346	13.5	0.000931	0.000921	0.00000478	0.0052	0.00103	0.0234	0.0148	0.00000495	13.9	0.0000143	0.000254
2057 Feb	85.4	0.11	0.726	0.00378	28.9	0.0346	13.5	0.000931	0.000921	0.00000478	0.0052	0.00103	0.0234	0.0148	0.00000495	13.9	0.0000143	0.000254
2057 Mar	85.5	0.11	0.726	0.00378	28.9	0.0346	13.5	0.000931	0.000922	0.00000478	0.0052	0.00103	0.0234	0.0148	0.00000495	13.9	0.0000143	0.000254
2057 Apr	85.5	0.11	0.726	0.00378	28.9	0.0346	13.5	0.000931	0.000922	0.00000478	0.0052	0.00103	0.0234	0.0148	0.00000495	13.9	0.0000143	0.000254
2057 May	85.6	0.11	0.727	0.00378	29	0.0346	13.5	0.000933	0.000923	0.00000479	0.00521	0.00104	0.0234	0.0148	0.00000496	13.9	0.0000143	0.000254
2057 Jun	85	0.109	0.712	0.00374	28.6	0.0344	13.3	0.000936	0.000926	0.0000048	0.00523	0.00104	0.0231	0.0151	0.00000496	14	0.0000144	0.000255
2057 Jul	85.1	0.109	0.71	0.00374	28.7	0.0344	13.3	0.000939	0.000929	0.00000481	0.00525	0.00105	0.0231	0.0151	0.00000498	14.1	0.0000145	0.000256
2057 Aug	85.9	0.11	0.714	0.00377	28.9	0.0347	13.4	0.000944	0.000934	0.00000484	0.00529	0.00106	0.0233	0.0152	0.00000501	14.2	0.0000146	0.000258
2057 Sep	86.4	0.11	0.715	0.00377	29	0.0348	13.6	0.000946	0.000935	0.00000485	0.0053	0.00106	0.0235	0.0153	0.00000502	14.3	0.0000146	0.00026
2057 Oct	86.6	0.11	0.715	0.00377	29.1	0.0349	13.7	0.000946	0.000935	0.00000485	0.0053	0.00106	0.0236	0.0153	0.00000502	14.3	0.0000146	0.00026
2057 Nov	86.7	0.11	0.715	0.00377	29.1	0.0349	13.7	0.000946	0.000935	0.00000485	0.0053	0.00106	0.0236	0.0153	0.00000502	14.3	0.0000146	0.000261
2057 Dec	86.7	0.11	0.715	0.00377	29.1	0.0349	13.7	0.000946	0.000935	0.00000485	0.0053	0.00106	0.0236	0.0153	0.00000502	14.3	0.0000146	0.000261
2058 Jan	86.7	0.11	0.715	0.00377	29.1	0.0349	13.7	0.000946	0.000935	0.00000485	0.0053	0.00106	0.0236	0.0153	0.00000502	14.3	0.0000146	0.000261
2058 Feb	86.7	0.11	0.715	0.00377	29.1	0.0349	13.7	0.000946	0.000935	0.00000485	0.0053	0.00106	0.0236	0.0153	0.00000502	14.3	0.0000146	0.000261
2058 Mar	86.7	0.11	0.715	0.00377	29.1	0.0349	13.7	0.000946	0.000935	0.00000485	0.0053	0.00106	0.0236	0.0153	0.00000502	14.3	0.0000146	0.000261
2058 Apr	86.7	0.11	0.715	0.00377	29.1	0.0349	13.7	0.000946	0.000936	0.00000485	0.0053	0.00106	0.0236	0.0153	0.00000502	14.3	0.0000146	0.000261
2058 May	86.9	0.11	0.715	0.00377	29.2	0.035	13.7	0.000947	0.000937	0.00000486	0.00531	0.00107	0.0237	0.0153	0.00000503	14.4	0.0000147	0.000262
2058 Jun	86.4	0.11	0.697	0.00372	28.8	0.0344	13.3	0.000951	0.000939	0.00000486	0.00533	0.00109	0.0231	0.0161	0.00000503	14.8	0.0000148	0.000265
2058 Jul	86.4	0.11	0.695	0.00372	28.8	0.0343	13.3	0.000952	0.00094	0.00000486	0.00533	0.00109	0.023	0.0162	0.00000503	14.9	0.0000148	0.000265
2058 Aug	87.1	0.11	0.697	0.00373	29	0.0345	13.5	0.000955	0.000943	0.00000488	0.00535	0.0011	0.0232	0.0162	0.00000505	15	0.0000149	0.000267
2058 Sep	87.6	0.11	0.697	0.00373	29.2	0.0347	13.7	0.000955	0.000943	0.00000488	0.00536	0.0011	0.0235	0.0162	0.00000506	15	0.0000149	0.000269
2058 Oct	87.9	0.11	0.696	0.00373	29.3	0.0347	13.8	0.000955	0.000942	0.00000488	0.00536	0.0011	0.0236	0.0162	0.00000506	15	0.0000149	0.00027
2058 Nov	87.9	0.11	0.696	0.00373	29.3	0.0347	13.8	0.000955	0.000942	0.00000488	0.00536	0.0011	0.0236	0.0162	0.00000506	15	0.000015	0.00027
2058 Dec	87.9	0.11	0.696	0.00373	29.3	0.0347	13.8	0.000955	0.000942	0.00000488	0.00536	0.0011	0.0236	0.0162	0.00000506	15	0.000015	0.00027
2059 Jan	87.9	0.11	0.696	0.00373	29.3	0.0347	13.8	0.000955	0.000942	0.00000488	0.00536	0.0011	0.0236	0.0162	0.00000506	15	0.000015	0.00027
2059 Feb	88	0.11	0.696	0.00373	29.3	0.0347	13.8	0.000955	0.000942	0.00000488	0.00536	0.0011	0.0236	0.0162	0.00000506	15	0.000015	0.00027
2059 Mar	88	0.11	0.696	0.00373	29.3	0.0347	13.8	0.000955	0.000942	0.00000488	0.00536	0.0011	0.0236	0.0162	0.00000506	15	0.000015	0.00027
2059 Apr	88	0.11	0.696	0.00373	29.3	0.0348	13.8	0.000955	0.000943	0.00000488	0.00536	0.0011	0.0236	0.0162	0.00000506	15	0.000015	0.00027
2059 May	88.2	0.11	0.697	0.00373	29.3	0.0348	13.9	0.000956	0.000944	0.00000489	0.00537	0.0011	0.0236	0.0163	0.00000506	15.1	0.000015	0.000271
2059 Jun	88.4	0.11	0.692	0.00372	29.4	0.0348	13.9	0.000958	0.000946	0.0000049	0.00539	0.00111	0.0236	0.0165	0.00000507	15.3	0.0000151	0.000273
2059 Jul	89.1	0.111	0.695	0.00374	29.6	0.035	14	0.000964	0.000951	0.00000493	0.00542	0.00112	0.0238	0.0166	0.0000051	15.4	0.0000151	0.000275
2059 Aug	89.7	0.111	0.698	0.00376	29.8	0.0352	14.1	0.000968	0.000955	0.00000495	0.00545	0.00113	0.024	0.0167	0.00000513	15.5	0.0000152	0.000277
2059 Sep	90.2	0.112	0.699	0.00376	29.9	0.0354	14.3	0.000969	0.000956	0.00000495	0.00546	0.00113	0.0241	0.0167	0.00000513	15.5	0.0000153	0.000279
2059 Oct	90.6	0.111	0.695	0.00374	30	0.0354	14.5	0.000965	0.000952	0.00000494	0.00545	0.00113	0.0243	0.0167	0.00000512	15.5	0.0000153	0.00028
2059 Nov	90.7	0.111	0.695	0.00374	30.1	0.0355	14.5	0.000965	0.000952	0.00000494	0.00545	0.00113	0.0244	0.0167	0.00000512	15.5	0.0000153	0.00028
2059 Dec	90.7	0.111	0.695	0.00374	30.1	0.0355	14.5	0.000965	0.000952	0.00000494	0.00545	0.00113	0.0244	0.0167	0.00000512	15.5	0.0000153	0.00028
2060 Jan	90.7	0.111	0.695	0.00374	30.1	0.0355	14.5	0.000965	0.000952	0.00000494	0.00545	0.00113	0.0244	0.0167	0.00000512	15.5	0.0000153	0.00028
2060 Feb	90.7	0.111	0.695	0.00374	30.1	0.0355	14.5	0.000965	0.000952	0.00000494	0.00545	0.00113	0.0244	0.0167	0.00000512	15.5	0.0000153	0.00028
2060 Mar	90.7	0.111	0.695	0.00374	30.1	0.0355	14.6	0.000965	0.000952	0.00000494	0.00545	0.00113	0.0244	0.0167	0.00000512	15.5	0.0000153	0.00028
2060 Apr	90.8	0.111	0.695	0.00375	30.1	0.0355	14.6	0.000965	0.000952	0.00000494	0.00545	0.00113	0.0244	0.0167	0.00000512	15.5	0.0000153	0.00028
2060 May	91	0.111	0.694	0.00374	30.1	0.0355	14.6	0.000967	0.000954	0.00000495	0.00546	0.00114	0.0244	0.0168	0.00000513	15.6	0.0000153	0.000282
2060 Jun	90.8	0.112	0.68	0.00371	29.8	0.0354	14.2	0.00098	0.000966	0.000005	0.00555	0.00116	0.0239	0.0176	0.00000518	16.2	0.0000155	0.000285
2060 Jul	91.3	0.113	0.682	0.00373	30	0.0356	14.2	0.000986	0.000971	0.00000503	0.00559	0.00117	0.024	0.0178	0.00000521	16.3	0.0000156	0.000287
2060 Aug	92.2	0.113	0.683	0.00374	30.3	0.0358	14.5	0.000988	0.000973	0.00000504	0.00561	0.00118	0.0243	0.0178	0.00000522	16.4	0.0000157	0.00029
2060 Sep	92.9	0.113	0.68	0.00372	30.5	0.036	14.8	0.000985	0.000971	0.00000503	0.0056	0.00118	0.0246	0.0178	0.00000521	16.4	0.0000157	0.000292
2060 Oct	93	0.113	0.679	0.00372	30.5	0.0361	14.9	0.000985	0.000971	0.00000503	0.00561	0.00118	0.0246	0.0178	0.00000522	16.5	0.0000157	0.000293
2060 Nov	92.9	0.113	0.678	0.00372	30.4	0.0361	14.8	0.000986	0.000972	0.00000503	0.00561	0.00118	0.0246	0.0179	0.00000522	16.5	0.0000157	0.000293
2060 Dec	92.9	0.113	0.678	0.00372	30.4	0.0361	14.8	0.000986	0.000972	0.00000503	0.00561	0.00118	0.0246	0.0179	0.00000522	16.5	0.0000157	0.000293
2061 Jan	92.9	0.113	0.678	0.00372	30.4	0.0361	14.8	0.000986	0.000972	0.00000503	0.00561	0.00118	0.0246	0.0179	0.00000522	16.5	0.0000157	0.000293
2061 Feb	92.9	0.113	0.678	0.00372	30.4	0.0361	14.8	0.000986	0.000972	0.00000503	0.00561	0.00118	0.0246	0.0179	0.00000522	16.5	0.0000157	0.000293
2061 Mar	92.9	0.113	0.678	0.00372	30.4	0.0361	14.8	0.000987	0.000972	0.00000503	0.00561	0.00118	0.0246	0.0179	0.00000522	16.5	0.0000157	0.000293
2061 Apr	92.9	0.113	0.678	0.00372	30.5	0.0361	14.8	0.000987	0.000972	0.00000503	0.00562	0.00118	0.0246	0.0179	0.00000522	16.5	0.0000157	0.000293
2061 May	92.6	0.113	0.675	0.00372	30.3	0.0361	14.6	0.000991	0.000976	0.00000505	0.00563	0.00119	0.0244	0.0181	0.00000523	16.6	0.0000157	0.000293
2061 Jun	90.2	0.113	0.657	0.00366	29.5	0.0352	13.8	0.000982	0.000964	0.00000498	0.00554	0.00119	0.0233	0.0184	0.00000516	16.7	0.0000154	0.000287
2061 Jul	90.6	0.114	0.659	0.00367	29.6	0.0354	13.9	0.000984	0.000966	0.00000499	0.00555	0.00119	0.0235	0.0184	0.00000517	16.7	0.0000154	0.000289
2061 Aug	91.3	0.114	0.662	0.00369	29.8	0.0356	14.1	0.000988	0.00097	0.00000502	0.00558	0.0012	0.0237	0.0185	0.0000052	16.8	0.0000155	0.000291
2061 Sep	91.8	0.114	0.662	0.00369	30	0.0357	14.3	0.000989	0.000971	0.00000502	0.00559	0.0012	0.0239	0.0185	0.00000521	16.9	0.0000155	0.000293

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Oct	92.2	0.114	0.66	0.00368	30.1	0.0358	14.5	0.000986	0.000968	0.00000501	0.00558	0.0012	0.0241	0.0185	0.00000519	16.9	0.0000155	0.000294
2061 Nov	92.3	0.114	0.659	0.00367	30.1	0.0358	14.5	0.000985	0.000967	0.000005	0.00558	0.0012	0.0241	0.0185	0.00000519	16.9	0.0000155	0.000294
2061 Dec	92.3	0.114	0.659	0.00367	30.1	0.0358	14.5	0.000985	0.000967	0.00000501	0.00558	0.0012	0.0241	0.0185	0.00000519	16.9	0.0000155	0.000294
2062 Jan	92.3	0.114	0.659	0.00367	30.1	0.0358	14.5	0.000985	0.000967	0.00000501	0.00558	0.0012	0.0241	0.0185	0.00000519	16.9	0.0000155	0.000294
2062 Feb	92.3	0.114	0.659	0.00367	30.1	0.0358	14.5	0.000985	0.000967	0.00000501	0.00558	0.0012	0.0241	0.0185	0.00000519	16.9	0.0000155	0.000294
2062 Mar	92.4	0.114	0.659	0.00367	30.1	0.0358	14.5	0.000985	0.000967	0.00000501	0.00558	0.0012	0.0241	0.0185	0.00000519	16.9	0.0000155	0.000294
2062 Apr	92.4	0.114	0.66	0.00368	30.1	0.0359	14.5	0.000986	0.000968	0.00000501	0.00558	0.0012	0.0241	0.0185	0.00000519	16.9	0.0000155	0.000294
2062 May	92.5	0.114	0.66	0.00368	30.2	0.0359	14.5	0.000987	0.000969	0.00000501	0.00559	0.0012	0.0241	0.0185	0.0000052	16.9	0.0000156	0.000295
2062 Jun	90.8	0.113	0.651	0.00365	29.6	0.0355	14.2	0.000982	0.000963	0.00000498	0.00556	0.00119	0.0238	0.0181	0.00000517	16.6	0.0000155	0.000289
2062 Jul	89.3	0.112	0.644	0.00363	29.2	0.0352	13.9	0.000977	0.000957	0.00000495	0.00553	0.00118	0.0236	0.0178	0.00000513	16.3	0.0000154	0.000284
2062 Aug	90.2	0.112	0.644	0.00363	29.4	0.0355	14.2	0.000978	0.000958	0.00000495	0.00554	0.00118	0.0239	0.0178	0.00000514	16.3	0.0000154	0.000287
2062 Sep	90.2	0.112	0.642	0.00363	29.4	0.0355	14.3	0.000976	0.000955	0.00000494	0.00553	0.00118	0.0239	0.0177	0.00000513	16.3	0.0000154	0.000287
2062 Oct	87.7	0.111	0.634	0.0036	28.7	0.0351	13.9	0.000963	0.000941	0.00000487	0.00544	0.00115	0.0235	0.017	0.00000506	15.7	0.000015	0.000277
2062 Nov	87.6	0.111	0.634	0.0036	28.7	0.0351	13.8	0.000963	0.00094	0.00000487	0.00543	0.00115	0.0235	0.017	0.00000505	15.7	0.000015	0.000277
2062 Dec	87.6	0.111	0.634	0.0036	28.7	0.0351	13.8	0.000963	0.00094	0.00000487	0.00543	0.00115	0.0235	0.017	0.00000505	15.7	0.000015	0.000277
2063 Jan	87.6	0.111	0.634	0.0036	28.7	0.0351	13.8	0.000963	0.00094	0.00000487	0.00543	0.00115	0.0235	0.017	0.00000505	15.7	0.000015	0.000277
2063 Feb	87.6	0.111	0.634	0.0036	28.7	0.0351	13.8	0.000963	0.00094	0.00000487	0.00543	0.00115	0.0235	0.017	0.00000505	15.7	0.000015	0.000277
2063 Mar	87.6	0.111	0.634	0.0036	28.7	0.0351	13.8	0.000963	0.00094	0.00000487	0.00543	0.00115	0.0235	0.017	0.00000505	15.7	0.000015	0.000277
2063 Apr	87.6	0.111	0.635	0.0036	28.7	0.0351	13.8	0.000963	0.00094	0.00000487	0.00543	0.00115	0.0235	0.017	0.00000505	15.7	0.000015	0.000277
2063 May	87.5	0.111	0.634	0.0036	28.6	0.0351	13.8	0.000963	0.00094	0.00000486	0.00543	0.00115	0.0235	0.017	0.00000505	15.6	0.0000149	0.000276
2063 Jun	82.8	0.108	0.61	0.0035	27.3	0.0333	13.1	0.000914	0.000886	0.00000459	0.00507	0.0011	0.0225	0.0159	0.00000478	14.7	0.000014	0.00026
2063 Jul	82	0.107	0.606	0.00349	27.1	0.0329	13.1	0.000899	0.00087	0.00000451	0.00496	0.00108	0.0224	0.0155	0.0000047	14.3	0.0000137	0.000257
2063 Aug	82.7	0.107	0.608	0.0035	27.3	0.0331	13.3	0.000903	0.000874	0.00000453	0.00499	0.00109	0.0226	0.0156	0.00000472	14.4	0.0000138	0.000259
2063 Sep	83.2	0.107	0.608	0.0035	27.4	0.0333	13.5	0.000904	0.000874	0.00000453	0.00499	0.00109	0.0228	0.0156	0.00000473	14.5	0.0000138	0.000261
2063 Oct	83.5	0.107	0.607	0.0035	27.5	0.0333	13.6	0.000902	0.000873	0.00000453	0.00499	0.00109	0.0229	0.0156	0.00000473	14.5	0.0000139	0.000262
2063 Nov	83.5	0.107	0.607	0.0035	27.5	0.0334	13.6	0.000902	0.000873	0.00000453	0.00499	0.00109	0.023	0.0156	0.00000473	14.5	0.0000139	0.000262
2063 Dec	83.5	0.107	0.607	0.0035	27.5	0.0334	13.6	0.000902	0.000873	0.00000453	0.00499	0.00109	0.023	0.0156	0.00000473	14.5	0.0000139	0.000262
2064 Jan	83.5	0.107	0.607	0.0035	27.5	0.0334	13.6	0.000902	0.000873	0.00000453	0.00499	0.00109	0.023	0.0156	0.00000473	14.5	0.0000139	0.000262
2064 Feb	83.5	0.107	0.607	0.0035	27.5	0.0334	13.6	0.000902	0.000873	0.00000453	0.00499	0.00109	0.023	0.0156	0.00000473	14.5	0.0000139	0.000262
2064 Mar	83.5	0.107	0.607	0.0035	27.5	0.0334	13.6	0.000903	0.000873	0.00000453	0.00499	0.00109	0.023	0.0156	0.00000473	14.5	0.0000139	0.000262
2064 Apr	83.6	0.107	0.607	0.0035	27.5	0.0334	13.6	0.000903	0.000873	0.00000453	0.00499	0.00109	0.023	0.0156	0.00000473	14.5	0.0000139	0.000262
2064 May	83.5	0.107	0.606	0.0035	27.5	0.0333	13.6	0.000902	0.000872	0.00000453	0.00499	0.00109	0.023	0.0156	0.00000472	14.5	0.0000138	0.000262
2064 Jun	82	0.106	0.593	0.00346	27	0.0324	13.4	0.000883	0.000848	0.0000044	0.00481	0.00108	0.0226	0.0154	0.0000046	14.3	0.0000135	0.000258
2064 Jul	82.6	0.106	0.594	0.00347	27.2	0.0326	13.6	0.000884	0.000849	0.00000441	0.00482	0.00109	0.0228	0.0155	0.00000462	14.3	0.0000135	0.00026
2064 Aug	83.3	0.106	0.594	0.00347	27.4	0.0328	13.8	0.000885	0.00085	0.00000442	0.00484	0.00109	0.0231	0.0155	0.00000463	14.4	0.0000136	0.000262
2064 Sep	83.9	0.106	0.593	0.00346	27.5	0.0329	14	0.000884	0.000849	0.00000442	0.00484	0.00109	0.0233	0.0155	0.00000462	14.4	0.0000136	0.000264
2064 Oct	83.9	0.106	0.593	0.00347	27.6	0.033	14.1	0.000885	0.000849	0.00000442	0.00484	0.00109	0.0233	0.0155	0.00000463	14.4	0.0000136	0.000264
2064 Nov	84	0.106	0.593	0.00347	27.6	0.033	14.1	0.000885	0.00085	0.00000442	0.00484	0.0011	0.0233	0.0155	0.00000463	14.4	0.0000136	0.000265
2064 Dec	84	0.106	0.593	0.00347	27.6	0.033	14.1	0.000885	0.00085	0.00000442	0.00484	0.0011	0.0233	0.0155	0.00000463	14.4	0.0000136	0.000265
2065 Jan	84	0.106	0.593	0.00347	27.6	0.033	14.1	0.000885	0.00085	0.00000442	0.00484	0.0011	0.0233	0.0155	0.00000463	14.4	0.0000136	0.000265
2065 Feb	84	0.106	0.593	0.00347	27.6	0.033	14.1	0.000885	0.00085	0.00000442	0.00484	0.0011	0.0233	0.0155	0.00000463	14.4	0.0000136	0.000265
2065 Mar	84	0.106	0.593	0.00347	27.6	0.033	14.1	0.000885	0.00085	0.00000442	0.00484	0.0011	0.0233	0.0155	0.00000463	14.4	0.0000136	0.000265
2065 Apr	84	0.106	0.593	0.00347	27.6	0.033	14.1	0.000885	0.00085	0.00000442	0.00484	0.0011	0.0233	0.0155	0.00000463	14.5	0.0000136	0.000265
2065 May	84.2	0.106	0.593	0.00347	27.6	0.0331	14.1	0.000887	0.000851	0.00000443	0.00485	0.0011	0.0234	0.0156	0.00000464	14.5	0.0000136	0.000265
2065 Jun	83.2	0.105	0.582	0.00345	27.2	0.0327	13.9	0.000884	0.000845	0.00000439	0.00479	0.00111	0.0231	0.0156	0.0000046	14.5	0.0000135	0.000264
2065 Jul	83.6	0.106	0.583	0.00346	27.3	0.0328	14	0.000886	0.000846	0.0000044	0.00479	0.00111	0.0232	0.0157	0.00000461	14.5	0.0000135	0.000265
2065 Aug	84.3	0.106	0.585	0.00347	27.5	0.033	14.2	0.00089	0.000849	0.00000442	0.00482	0.00112	0.0235	0.0157	0.00000464	14.6	0.0000136	0.000267
2065 Sep	85	0.106	0.583	0.00346	27.7	0.0332	14.5	0.000888	0.000847	0.00000441	0.00482	0.00112	0.0237	0.0157	0.00000463	14.7	0.0000136	0.00027
2065 Oct	84.8	0.106	0.578	0.00345	27.6	0.0332	14.5	0.000886	0.000844	0.0000044	0.00481	0.00112	0.0238	0.0156	0.00000462	14.6	0.0000135	0.000269
2065 Nov	84.6	0.106	0.578	0.00345	27.6	0.0333	14.5	0.000886	0.000844	0.0000044	0.00481	0.00112	0.0237	0.0156	0.00000462	14.6	0.0000135	0.000268
2065 Dec	84.6	0.106	0.578	0.00345	27.6	0.0333	14.5	0.000886	0.000844	0.0000044	0.00481	0.00112	0.0237	0.0156	0.00000462	14.6	0.0000135	0.000268
2066 Jan	84.6	0.106	0.578	0.00345	27.6	0.0333	14.5	0.000886	0.000844	0.0000044	0.00481	0.00112	0.0237	0.0156	0.00000462	14.6	0.0000135	0.000268
2066 Feb	84.6	0.106	0.578	0.00345	27.6	0.0333	14.5	0.000886	0.000844	0.0000044	0.00481	0.00112	0.0237	0.0156	0.00000462	14.6	0.0000135	0.000268
2066 Mar	84.6	0.106	0.578	0.00345	27.6	0.0333	14.5	0.000887	0.000845	0.0000044	0.00481	0.00112	0.0237	0.0156	0.00000462	14.6	0.0000135	0.000268
2066 Apr	84.6	0.106	0.578	0.00345	27.6	0.0333	14.5	0.000887	0.000845	0.0000044	0.00481	0.00112	0.0238	0.0156	0.00000462	14.6	0.0000135	0.000268
2066 May	84.7	0.106	0.579	0.00345	27.6	0.0333	14.5	0.000888	0.000846	0.0000044	0.00482	0.00112	0.0238	0.0156	0.00000462	14.6	0.0000135	0.000269
2066 Jun	82.7	0.105	0.564	0.00341	26.9	0.0329	14.1	0.000883	0.000837	0.00000436	0.00479	0.00111	0.0234	0.0153	0.00000458	14.3	0.0000134	0.000263
2066 Jul	82.8	0.105	0.564	0.00342	26.9	0.033	14.2	0.000885	0.000837	0.00000436	0.00479	0.00111	0.0235	0.0152	0.00000458	14.2	0.0000134	0.000263
2066 Aug	83.5	0.106	0.566	0.00343	27.1	0.0333	14.4	0.000889	0.000841	0.00000438	0.00482	0.00112	0.0238	0.0153	0.0000046	14.3	0.0000135	0.000266
2066 Sep	84.1	0.106	0.566	0.00343	27.3	0.0334	14.6	0.000889	0.000841	0.00000438	0.00482	0.00112	0.024	0.0153	0.00000461	14.4	0.0000135	0.000267
2066 Oct	84.4	0.106	0.564	0.00343	27.4	0.0335	14.7	0.000887	0.000839	0.00000437	0.00482	0.00113	0.0241	0.0153	0.00000461	14.4	0.0000135	0.000268
2066 Nov	84.5	0.106	0.564	0.00343	27.4	0.0335	14.8	0.000887	0.000839	0.00000437	0.00482	0.00113	0.0242	0.0153	0.0000046	14.4	0.0000135	0.000269
2066 Dec	84.5	0.106	0.564	0.00343	27.4	0.0335	14.8	0.000887	0.000839	0.00000437	0.00482	0.00113	0.0242	0.0153	0.00000461	14.4	0.0000135	0.000269
2067 Jan	84.5	0.106	0.564	0.00343	27.4	0.0335	14.8	0.000887	0.000839	0.00000437	0.00482	0.00113	0.0242	0.0153	0.00000461	14.4	0.0000135	0.000269
2067 Feb	84.5	0.106	0.564	0.00343	27.4	0.0335	14.8	0.000887	0.000839	0.00000437	0.00482	0.00113	0.0242	0.0153	0.00000461	14.4	0.0000135	0.000269
2067 Mar	84.5	0.106	0.564	0.00343	27.4	0.0335	14.8	0.000887	0.000839	0.00000438	0.00482	0.00113	0.0242	0.0153	0.00000461	14.4	0.0000135	0.000269
2067 Apr	84.6	0.106	0.564	0.00343	27.4	0.0335	14.8	0.000887	0.00084	0.00000438	0.00482	0.00113	0.0242	0.0153	0.00000461	14.4	0.0000135	0.000269

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 May	84.8	0.106	0.565	0.00343	27.5	0.0336	14.8	0.000889	0.000841	0.00000438	0.00483	0.00113	0.0242	0.0153	0.00000461	14.4	0.0000136	0.00027
2067 Jun	84.9	0.106	0.556	0.00341	27.4	0.0337	14.8	0.000894	0.000845	0.0000044	0.00488	0.00114	0.0242	0.0155	0.00000463	14.6	0.0000137	0.000272
2067 Jul	85.5	0.106	0.558	0.00343	27.6	0.0339	15	0.0009	0.00085	0.00000443	0.00491	0.00115	0.0244	0.0156	0.00000466	14.7	0.0000138	0.000274
2067 Aug	86.3	0.106	0.559	0.00343	27.8	0.0341	15.2	0.000902	0.000852	0.00000444	0.00493	0.00116	0.0247	0.0156	0.00000468	14.8	0.0000139	0.000276
2067 Sep	86.8	0.106	0.559	0.00343	28	0.0343	15.4	0.000902	0.000852	0.00000444	0.00494	0.00116	0.0249	0.0157	0.00000468	14.8	0.0000139	0.000278
2067 Oct	87.2	0.106	0.557	0.00342	28.1	0.0343	15.6	0.0009	0.00085	0.00000443	0.00493	0.00116	0.025	0.0156	0.00000468	14.8	0.0000139	0.000279
2067 Nov	87.3	0.106	0.557	0.00342	28.1	0.0344	15.6	0.0009	0.00085	0.00000443	0.00494	0.00116	0.0251	0.0156	0.00000468	14.8	0.0000139	0.00028
2067 Dec	87.3	0.106	0.557	0.00342	28.1	0.0344	15.6	0.0009	0.00085	0.00000443	0.00494	0.00116	0.0251	0.0156	0.00000468	14.8	0.0000139	0.00028
2068 Jan	87.3	0.106	0.557	0.00342	28.1	0.0344	15.6	0.0009	0.00085	0.00000443	0.00494	0.00116	0.0251	0.0156	0.00000468	14.8	0.0000139	0.00028
2068 Feb	87.3	0.106	0.557	0.00342	28.1	0.0344	15.6	0.0009	0.00085	0.00000443	0.00494	0.00116	0.0251	0.0156	0.00000468	14.8	0.0000139	0.00028
2068 Mar	87.3	0.106	0.557	0.00342	28.1	0.0344	15.6	0.0009	0.00085	0.00000444	0.00494	0.00116	0.0251	0.0156	0.00000468	14.8	0.0000139	0.00028
2068 Apr	87.4	0.106	0.558	0.00343	28.1	0.0344	15.6	0.000901	0.000851	0.00000444	0.00494	0.00116	0.0251	0.0157	0.00000468	14.8	0.0000139	0.00028
2068 May	87.5	0.106	0.557	0.00343	28.1	0.0345	15.6	0.000905	0.000854	0.00000445	0.00496	0.00117	0.0251	0.0158	0.0000047	14.9	0.000014	0.000281
2068 Jun	85.5	0.106	0.534	0.00337	27.2	0.034	14.9	0.000916	0.000859	0.00000447	0.00501	0.00119	0.0243	0.0163	0.00000471	15.2	0.0000141	0.000279
2068 Jul	85.9	0.106	0.534	0.00337	27.3	0.0341	15.1	0.000917	0.00086	0.00000448	0.00502	0.00119	0.0244	0.0163	0.00000472	15.3	0.0000141	0.000281
2068 Aug	86.6	0.106	0.537	0.00339	27.5	0.0343	15.2	0.000922	0.000864	0.0000045	0.00504	0.0012	0.0246	0.0164	0.00000474	15.3	0.0000142	0.000283
2068 Sep	87.2	0.106	0.536	0.00339	27.7	0.0345	15.4	0.000921	0.000864	0.0000045	0.00505	0.00121	0.0248	0.0164	0.00000474	15.4	0.0000142	0.000285
2068 Oct	87.4	0.106	0.536	0.00339	27.7	0.0345	15.5	0.000921	0.000864	0.0000045	0.00505	0.00121	0.0249	0.0164	0.00000475	15.4	0.0000142	0.000285
2068 Nov	87.4	0.106	0.536	0.00339	27.8	0.0346	15.5	0.000922	0.000864	0.0000045	0.00505	0.00121	0.0249	0.0164	0.00000475	15.4	0.0000142	0.000285
2068 Dec	87.4	0.106	0.536	0.00339	27.8	0.0346	15.5	0.000922	0.000864	0.0000045	0.00505	0.00121	0.0249	0.0164	0.00000475	15.4	0.0000142	0.000285
2069 Jan	87.4	0.106	0.536	0.00339	27.8	0.0346	15.5	0.000922	0.000864	0.0000045	0.00505	0.00121	0.0249	0.0164	0.00000475	15.4	0.0000142	0.000285
2069 Feb	87.4	0.106	0.536	0.00339	27.8	0.0346	15.5	0.000922	0.000864	0.0000045	0.00505	0.00121	0.0249	0.0164	0.00000475	15.4	0.0000142	0.000285
2069 Mar	87.4	0.106	0.536	0.00339	27.8	0.0346	15.5	0.000922	0.000864	0.0000045	0.00505	0.00121	0.0249	0.0164	0.00000475	15.4	0.0000142	0.000285
2069 Apr	87.4	0.106	0.536	0.00339	27.8	0.0346	15.5	0.000922	0.000865	0.0000045	0.00506	0.00121	0.0249	0.0164	0.00000475	15.4	0.0000142	0.000285
2069 May	87.6	0.107	0.537	0.00339	27.8	0.0346	15.5	0.000924	0.000866	0.00000451	0.00506	0.00121	0.025	0.0164	0.00000476	15.4	0.0000142	0.000286
2069 Jun	87.2	0.106	0.529	0.00337	27.6	0.0346	15.5	0.000927	0.000868	0.00000452	0.0051	0.00121	0.025	0.0164	0.00000477	15.4	0.0000144	0.000286
2069 Jul	87.4	0.106	0.529	0.00338	27.6	0.0347	15.6	0.000933	0.000873	0.00000454	0.00513	0.00122	0.0251	0.0164	0.00000479	15.4	0.0000145	0.000287
2069 Aug	88.2	0.106	0.53	0.00339	27.8	0.0349	15.8	0.000936	0.000875	0.00000456	0.00515	0.00123	0.0253	0.0165	0.00000481	15.5	0.0000145	0.00029
2069 Sep	88.6	0.106	0.527	0.00338	27.9	0.0351	16	0.000935	0.000874	0.00000455	0.00515	0.00123	0.0255	0.0164	0.00000481	15.5	0.0000146	0.000291
2069 Oct	87.6	0.105	0.522	0.00336	27.6	0.035	15.8	0.000936	0.000874	0.00000455	0.00517	0.00122	0.0254	0.0163	0.00000481	15.4	0.0000145	0.000288
2069 Nov	87.4	0.105	0.521	0.00336	27.5	0.035	15.7	0.000937	0.000874	0.00000455	0.00517	0.00122	0.0253	0.0162	0.00000481	15.3	0.0000145	0.000287
2069 Dec	87.4	0.105	0.521	0.00336	27.5	0.035	15.7	0.000937	0.000874	0.00000455	0.00517	0.00122	0.0253	0.0162	0.00000481	15.3	0.0000145	0.000287
2070 Jan	87.4	0.105	0.521	0.00336	27.5	0.035	15.7	0.000937	0.000874	0.00000455	0.00517	0.00122	0.0253	0.0162	0.00000481	15.3	0.0000145	0.000287
2070 Feb	87.4	0.105	0.521	0.00336	27.5	0.035	15.7	0.000937	0.000874	0.00000455	0.00517	0.00122	0.0253	0.0162	0.00000481	15.3	0.0000145	0.000287
2070 Mar	87.4	0.105	0.521	0.00336	27.5	0.035	15.7	0.000937	0.000874	0.00000455	0.00517	0.00122	0.0253	0.0162	0.00000481	15.3	0.0000145	0.000287
2070 Apr	87.5	0.105	0.522	0.00336	27.5	0.0351	15.8	0.000937	0.000875	0.00000456	0.00517	0.00122	0.0253	0.0162	0.00000481	15.4	0.0000145	0.000287
2070 May	87.5	0.106	0.521	0.00336	27.5	0.0351	15.7	0.000939	0.000876	0.00000456	0.00518	0.00123	0.0253	0.0163	0.00000482	15.4	0.0000146	0.000288
2070 Jun	86.4	0.105	0.512	0.00334	27.1	0.0348	15.5	0.00094	0.000873	0.00000455	0.00518	0.00123	0.025	0.0163	0.0000048	15.4	0.0000145	0.000285
2070 Jul	87	0.106	0.513	0.00335	27.3	0.035	15.6	0.000943	0.000877	0.00000456	0.0052	0.00124	0.0252	0.0164	0.00000482	15.4	0.0000146	0.000287
2070 Aug	87.7	0.106	0.515	0.00336	27.5	0.0353	15.8	0.000946	0.000879	0.00000458	0.00522	0.00124	0.0254	0.0164	0.00000484	15.5	0.0000146	0.00029
2070 Sep	88.4	0.106	0.513	0.00335	27.7	0.0354	16.1	0.000944	0.000878	0.00000457	0.00522	0.00125	0.0257	0.0164	0.00000483	15.6	0.0000147	0.000292
2070 Oct	88.1	0.106	0.51	0.00334	27.5	0.0355	16.1	0.000945	0.000877	0.00000457	0.00523	0.00125	0.0256	0.0164	0.00000483	15.5	0.0000146	0.000291
2070 Nov	88	0.106	0.51	0.00334	27.5	0.0355	16	0.000945	0.000877	0.00000457	0.00523	0.00125	0.0256	0.0164	0.00000483	15.5	0.0000146	0.000291
2070 Dec	88	0.106	0.51	0.00334	27.5	0.0355	16	0.000945	0.000877	0.00000457	0.00523	0.00125	0.0256	0.0164	0.00000483	15.5	0.0000146	0.000291
2071 Jan	88	0.106	0.51	0.00334	27.5	0.0355	16	0.000945	0.000877	0.00000457	0.00523	0.00125	0.0256	0.0164	0.00000483	15.5	0.0000146	0.000291
2071 Feb	88	0.106	0.51	0.00334	27.5	0.0355	16	0.000945	0.000877	0.00000457	0.00523	0.00125	0.0256	0.0164	0.00000483	15.5	0.0000146	0.000291
2071 Mar	88	0.106	0.51	0.00334	27.5	0.0355	16	0.000945	0.000878	0.00000457	0.00523	0.00125	0.0256	0.0164	0.00000483	15.5	0.0000146	0.000291
2071 Apr	88	0.106	0.51	0.00334	27.5	0.0355	16	0.000946	0.000878	0.00000457	0.00523	0.00125	0.0256	0.0164	0.00000483	15.5	0.0000146	0.000291
2071 May	87.9	0.106	0.508	0.00334	27.4	0.0355	16	0.000947	0.000878	0.00000457	0.00523	0.00125	0.0256	0.0164	0.00000483	15.6	0.0000146	0.000291
2071 Jun	86	0.105	0.495	0.00329	26.7	0.0348	15.5	0.00094	0.000866	0.00000451	0.00516	0.00125	0.025	0.0164	0.00000477	15.5	0.0000144	0.000287
2071 Jul	86.2	0.105	0.494	0.00329	26.8	0.0348	15.6	0.000939	0.000864	0.0000045	0.00515	0.00125	0.0251	0.0164	0.00000476	15.5	0.0000144	0.000287
2071 Aug	86.9	0.106	0.496	0.0033	27	0.035	15.8	0.000943	0.000867	0.00000452	0.00517	0.00126	0.0253	0.0165	0.00000478	15.6	0.0000145	0.000289
2071 Sep	87.5	0.105	0.495	0.0033	27.1	0.0352	16.1	0.000941	0.000866	0.00000451	0.00517	0.00126	0.0255	0.0165	0.00000478	15.6	0.0000145	0.000291
2071 Oct	87.8	0.105	0.494	0.00329	27.2	0.0352	16.2	0.00094	0.000865	0.00000451	0.00517	0.00126	0.0257	0.0165	0.00000478	15.6	0.0000145	0.000292
2071 Nov	87.7	0.105	0.493	0.00329	27.2	0.0352	16.2	0.00094	0.000865	0.00000451	0.00517	0.00126	0.0257	0.0165	0.00000478	15.6	0.0000145	0.000292
2071 Dec	87.7	0.105	0.493	0.00329	27.2	0.0352	16.2	0.00094	0.000865	0.00000451	0.00517	0.00126	0.0257	0.0165	0.00000478	15.6	0.0000145	0.000292
2072 Jan	87.7	0.105	0.493	0.00329	27.2	0.0352	16.2	0.00094	0.000865	0.00000451	0.00517	0.00126	0.0257	0.0165	0.00000478	15.6	0.0000145	0.000292
2072 Feb	87.7	0.105	0.493	0.00329	27.2	0.0352	16.2	0.00094	0.000865	0.00000451	0.00517	0.00126	0.0257	0.0165	0.00000478	15.6	0.0000145	0.000292
2072 Mar	87.7	0.105	0.493	0.00329	27.2	0.0352	16.2	0.00094	0.000865	0.00000451	0.00517	0.00126	0.0257	0.0165	0.00000478	15.6	0.0000145	0.000292
2072 Apr	87.8	0.105	0.493	0.00329	27.2	0.0353	16.2	0.00094	0.000865	0.00000451	0.00517	0.00126	0.0257	0.0165	0.00000478	15.6	0.0000145	0.000292
2072 May	87.9	0.106	0.494	0.0033	27.3	0.0353	16.2	0.000942	0.000866	0.00000452	0.00518	0.00126	0.0257	0.0165	0.00000479	15.6	0.0000145	0.000293
2072 Jun	87.2	0.105	0.489	0.00328	27	0.0352	16.1	0.000943	0.000866	0.00000451	0.00519	0.00126	0.0256	0.0163	0.00000478	15.5	0.0000146	0.000291
2072 Jul	87.4	0.105	0.488	0.00328	27	0.0354	16.2	0.000945	0.000868	0.00000452	0.00521	0.00127	0.0258	0.0163	0.00000479	15.5	0.0000146	0.000292
2072 Aug	87.4	0.104	0.484	0.00328	27	0.0354	16.3	0.000946	0.000867	0.00000452	0.0052	0.00127	0.0259	0.0162	0.00000479	15.5	0.0000146	0.000292
2072 Sep	87	0.104	0.482	0.00327	26.8	0.0355	16.3	0.000946	0.000865	0.00000451	0.00519	0.00127	0.0259	0.0161	0.00000479	15.3	0.0000145	0.000291
2072 Oct	85.9	0.103	0.478	0.00326	26.5	0.0354	16.1	0.000943	0.00086	0.00000449	0.00515	0.00126	0.0257	0.0158	0.00000476	15.1	0.0000143	0.000287
2072 Nov	85.7	0.103	0.477	0.00325	26.4	0.0354	16.1	0.000942	0.000859	0.00000448	0.00514	0.00126	0.0257	0.0157	0.00000476	15	0.0000143	0.000286

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2072 Dec	85.7	0.103	0.477	0.00325	26.4	0.0354	16.1	0.000942	0.000859	0.00000448	0.00515	0.00126	0.0257	0.0157	0.00000476	15	0.0000143	0.000286
2073 Jan	85.7	0.103	0.477	0.00325	26.4	0.0354	16.1	0.000942	0.000859	0.00000448	0.00515	0.00126	0.0257	0.0157	0.00000476	15	0.0000143	0.000286
2073 Feb	85.7	0.103	0.477	0.00325	26.4	0.0354	16.1	0.000942	0.000859	0.00000448	0.00515	0.00126	0.0257	0.0157	0.00000476	15	0.0000143	0.000286
2073 Mar	85.7	0.103	0.477	0.00325	26.4	0.0354	16.1	0.000942	0.000859	0.00000448	0.00515	0.00126	0.0257	0.0157	0.00000476	15	0.0000143	0.000286
2073 Apr	85.7	0.103	0.477	0.00326	26.4	0.0354	16.1	0.000943	0.00086	0.00000448	0.00515	0.00126	0.0257	0.0157	0.00000476	15.1	0.0000143	0.000286
2073 May	85.4	0.103	0.476	0.00325	26.3	0.0354	16	0.000943	0.000859	0.00000448	0.00514	0.00126	0.0256	0.0157	0.00000475	15	0.0000142	0.000285
2073 Jun	84.2	0.103	0.468	0.00322	25.8	0.0349	15.8	0.000935	0.000846	0.00000441	0.00505	0.00126	0.0254	0.0156	0.00000469	14.9	0.000014	0.000282
2073 Jul	84.7	0.103	0.467	0.00323	26	0.035	16	0.000935	0.000845	0.00000441	0.00504	0.00126	0.0256	0.0156	0.00000469	14.9	0.000014	0.000284
2073 Aug	85.4	0.103	0.469	0.00324	26.2	0.0352	16.2	0.000937	0.000847	0.00000442	0.00506	0.00127	0.0258	0.0157	0.00000471	15	0.0000141	0.000286
2073 Sep	86	0.103	0.468	0.00323	26.3	0.0354	16.4	0.000936	0.000846	0.00000442	0.00506	0.00127	0.026	0.0157	0.00000471	15.1	0.0000141	0.000288
2073 Oct	86	0.103	0.466	0.00322	26.4	0.0354	16.5	0.000935	0.000844	0.00000441	0.00505	0.00127	0.0261	0.0156	0.0000047	15	0.0000141	0.000288
2073 Nov	85.9	0.103	0.465	0.00322	26.3	0.0354	16.5	0.000935	0.000844	0.00000441	0.00505	0.00127	0.0261	0.0156	0.00000469	15	0.000014	0.000288
2073 Dec	85.9	0.103	0.465	0.00322	26.3	0.0354	16.5	0.000935	0.000844	0.00000441	0.00505	0.00127	0.0261	0.0156	0.00000469	15	0.000014	0.000288
2074 Jan	85.9	0.103	0.465	0.00322	26.3	0.0354	16.5	0.000935	0.000844	0.00000441	0.00505	0.00127	0.0261	0.0156	0.00000469	15	0.000014	0.000288
2074 Feb	85.9	0.103	0.465	0.00322	26.3	0.0354	16.5	0.000935	0.000844	0.00000441	0.00505	0.00127	0.0261	0.0156	0.00000469	15	0.000014	0.000288
2074 Mar	85.9	0.103	0.465	0.00322	26.3	0.0354	16.5	0.000935	0.000844	0.00000441	0.00505	0.00127	0.0261	0.0156	0.00000469	15	0.000014	0.000288
2074 Apr	86	0.103	0.466	0.00323	26.3	0.0354	16.5	0.000935	0.000844	0.00000441	0.00505	0.00127	0.0261	0.0156	0.0000047	15	0.000014	0.000288
2074 May	85.8	0.103	0.463	0.00322	26.2	0.0353	16.4	0.000936	0.000844	0.00000441	0.00505	0.00128	0.026	0.0157	0.00000469	15.1	0.000014	0.000288
2074 Jun	84.7	0.102	0.452	0.00318	25.7	0.0345	16.2	0.000925	0.000825	0.00000431	0.00491	0.00128	0.0256	0.0159	0.0000046	15.2	0.0000138	0.000287
2074 Jul	85.2	0.102	0.454	0.00319	25.9	0.0346	16.4	0.000927	0.000826	0.00000432	0.00492	0.00129	0.0258	0.0159	0.00000461	15.2	0.0000138	0.000289
2074 Aug	85.9	0.103	0.456	0.00321	26.1	0.0349	16.6	0.000932	0.00083	0.00000434	0.00495	0.0013	0.026	0.016	0.00000464	15.3	0.0000139	0.000291
2074 Sep	86.6	0.103	0.454	0.0032	26.3	0.035	16.8	0.00093	0.000829	0.00000434	0.00495	0.0013	0.0262	0.016	0.00000464	15.4	0.0000139	0.000293
2074 Oct	86.9	0.102	0.454	0.00319	26.4	0.0351	16.9	0.000929	0.000828	0.00000433	0.00495	0.0013	0.0264	0.016	0.00000463	15.4	0.0000139	0.000294
2074 Nov	86.9	0.103	0.454	0.00319	26.4	0.0351	17	0.000929	0.000828	0.00000433	0.00495	0.0013	0.0264	0.016	0.00000463	15.4	0.0000139	0.000294
2074 Dec	86.9	0.103	0.454	0.00319	26.4	0.0351	17	0.000929	0.000828	0.00000433	0.00495	0.0013	0.0264	0.016	0.00000463	15.4	0.0000139	0.000294
2075 Jan	86.9	0.103	0.454	0.00319	26.4	0.0351	17	0.000929	0.000828	0.00000433	0.00495	0.0013	0.0264	0.016	0.00000463	15.4	0.0000139	0.000294
2075 Feb	86.9	0.103	0.454	0.00319	26.4	0.0351	17	0.000929	0.000828	0.00000433	0.00495	0.0013	0.0264	0.016	0.00000463	15.4	0.0000139	0.000294
2075 Mar	86.9	0.103	0.454	0.00319	26.4	0.0351	17	0.000929	0.000828	0.00000433	0.00495	0.0013	0.0264	0.016	0.00000463	15.4	0.0000139	0.000294
2075 Apr	87	0.103	0.454	0.0032	26.4	0.0351	17	0.000929	0.000828	0.00000434	0.00495	0.0013	0.0264	0.016	0.00000464	15.4	0.0000139	0.000294
2075 May	87.1	0.103	0.454	0.0032	26.4	0.0352	17	0.00093	0.000829	0.00000434	0.00496	0.0013	0.0264	0.016	0.00000464	15.4	0.000014	0.000295
2075 Jun	86	0.102	0.447	0.00318	26	0.0349	16.8	0.000933	0.000827	0.00000433	0.00496	0.0013	0.0263	0.0158	0.00000463	15.2	0.000014	0.000293
2075 Jul	85.6	0.101	0.444	0.00318	25.8	0.0348	16.8	0.000935	0.000827	0.00000433	0.00496	0.00131	0.0263	0.0156	0.00000463	15.1	0.0000141	0.000292
2075 Aug	86.4	0.101	0.445	0.00319	26	0.035	17.1	0.000937	0.000828	0.00000434	0.00498	0.00131	0.0266	0.0157	0.00000465	15.2	0.0000141	0.000294
2075 Sep	86.8	0.101	0.446	0.00319	26.1	0.0351	17.2	0.000938	0.000829	0.00000434	0.00499	0.00132	0.0268	0.0157	0.00000465	15.2	0.0000142	0.000296
2075 Oct	87.1	0.101	0.445	0.00319	26.2	0.0352	17.3	0.000937	0.000829	0.00000434	0.00499	0.00132	0.0269	0.0157	0.00000465	15.2	0.0000142	0.000296
2075 Nov	87.1	0.101	0.445	0.00319	26.2	0.0352	17.3	0.000937	0.000829	0.00000434	0.00499	0.00132	0.0269	0.0157	0.00000465	15.2	0.0000142	0.000297
2075 Dec	87.1	0.101	0.445	0.00319	26.2	0.0352	17.3	0.000938	0.000829	0.00000434	0.00499	0.00132	0.0269	0.0157	0.00000465	15.2	0.0000142	0.000297
2076 Jan	87.1	0.101	0.445	0.00319	26.2	0.0352	17.3	0.000938	0.000829	0.00000434	0.00499	0.00132	0.0269	0.0157	0.00000465	15.2	0.0000142	0.000297
2076 Feb	87.1	0.101	0.445	0.00319	26.2	0.0352	17.3	0.000938	0.000829	0.00000434	0.00499	0.00132	0.0269	0.0157	0.00000465	15.2	0.0000142	0.000297
2076 Mar	87.1	0.101	0.445	0.00319	26.2	0.0352	17.3	0.000938	0.000829	0.00000434	0.00499	0.00132	0.0269	0.0157	0.00000465	15.2	0.0000142	0.000297
2076 Apr	87.2	0.101	0.445	0.00319	26.2	0.0352	17.3	0.000938	0.000829	0.00000434	0.005	0.00132	0.0269	0.0157	0.00000466	15.3	0.0000142	0.000297
2076 May	87.4	0.102	0.445	0.00319	26.3	0.0353	17.4	0.000939	0.00083	0.00000435	0.005	0.00132	0.0269	0.0158	0.00000466	15.3	0.0000142	0.000298
2076 Jun	86.7	0.101	0.436	0.00316	25.9	0.0349	17.2	0.000944	0.000831	0.00000435	0.00502	0.00133	0.0267	0.0159	0.00000466	15.4	0.0000143	0.000298
2076 Jul	86.9	0.101	0.435	0.00316	25.9	0.0349	17.3	0.000947	0.000832	0.00000435	0.00502	0.00134	0.0268	0.016	0.00000467	15.4	0.0000144	0.000299
2076 Aug	87.6	0.101	0.437	0.00318	26.1	0.0352	17.5	0.00095	0.000835	0.00000437	0.00505	0.00135	0.027	0.016	0.00000469	15.5	0.0000145	0.000301
2076 Sep	88	0.101	0.437	0.00318	26.2	0.0353	17.6	0.000951	0.000836	0.00000438	0.00506	0.00135	0.0272	0.0161	0.0000047	15.6	0.0000145	0.000303
2076 Oct	88.3	0.101	0.436	0.00317	26.3	0.0354	17.7	0.000949	0.000834	0.00000437	0.00505	0.00135	0.0273	0.016	0.00000469	15.6	0.0000145	0.000304
2076 Nov	88.4	0.101	0.436	0.00317	26.3	0.0354	17.8	0.000949	0.000834	0.00000437	0.00505	0.00135	0.0273	0.016	0.00000469	15.6	0.0000145	0.000304
2076 Dec	88.4	0.101	0.436	0.00317	26.3	0.0354	17.8	0.000949	0.000834	0.00000437	0.00505	0.00135	0.0273	0.016	0.00000469	15.6	0.0000145	0.000304
2077 Jan	88.4	0.101	0.436	0.00317	26.4	0.0354	17.8	0.000949	0.000834	0.00000437	0.00505	0.00135	0.0273	0.016	0.00000469	15.6	0.0000145	0.000304
2077 Feb	88.4	0.101	0.436	0.00317	26.4	0.0354	17.8	0.000949	0.000834	0.00000437	0.00505	0.00135	0.0273	0.016	0.00000469	15.6	0.0000145	0.000304
2077 Mar	88.4	0.101	0.436	0.00317	26.4	0.0354	17.8	0.000949	0.000834	0.00000437	0.00505	0.00135	0.0273	0.016	0.00000469	15.6	0.0000145	0.000304
2077 Apr	88.5	0.101	0.436	0.00317	26.4	0.0354	17.8	0.000949	0.000834	0.00000437	0.00505	0.00135	0.0273	0.0161	0.00000469	15.6	0.0000145	0.000304
2077 May	88.6	0.101	0.435	0.00317	26.4	0.0354	17.8	0.000951	0.000836	0.00000438	0.00506	0.00135	0.0274	0.0161	0.0000047	15.6	0.0000145	0.000305
2077 Jun	88	0.1	0.426	0.00314	26	0.0351	17.6	0.000954	0.000835	0.00000437	0.00507	0.00137	0.0271	0.0164	0.00000469	15.8	0.0000146	0.000305
2077 Jul	88.6	0.101	0.428	0.00315	26.2	0.0353	17.8	0.000958	0.000838	0.00000439	0.00509	0.00138	0.0273	0.0165	0.00000471	15.9	0.0000147	0.000308
2077 Aug	89.4	0.101	0.429	0.00317	26.4	0.0355	18	0.000962	0.000842	0.00000441	0.00511	0.00138	0.0275	0.0165	0.00000474	16	0.0000148	0.00031
2077 Sep	90	0.101	0.427	0.00315	26.6	0.0357	18.3	0.000959	0.000839	0.0000044	0.00511	0.00138	0.0278	0.0165	0.00000473	16	0.0000148	0.000312
2077 Oct	90.1	0.101	0.427	0.00315	26.6	0.0357	18.3	0.00096	0.00084	0.0000044	0.00512	0.00139	0.0278	0.0165	0.00000473	16	0.0000148	0.000312
2077 Nov	90.1	0.101	0.427	0.00315	26.6	0.0357	18.3	0.00096	0.00084	0.0000044	0.00512	0.00139	0.0278	0.0165	0.00000473	16	0.0000148	0.000312
2077 Dec	90.1	0.101	0.427	0.00315	26.6	0.0357	18.3	0.000961	0.00084	0.0000044	0.00512	0.00139	0.0278	0.0165	0.00000474	16	0.0000148	0.000313
2078 Jan	90.1	0.101	0.427	0.00315	26.6	0.0357	18.3	0.000961	0.00084	0.0000044	0.00512	0.00139	0.0278	0.0165	0.00000474	16	0.0000148	0.000313
2078 Feb	90.1	0.101	0.427	0.00315	26.6	0.0357	18.3	0.000961	0.00084	0.0000044	0.00512	0.00139	0.0278	0.0165	0.00000474	16	0.0000148	0.000313
2078 Mar	90.1	0.101	0.427	0.00315	26.6	0.0357	18.3	0.000961	0.00084	0.0000044	0.00512	0.00139	0.0278	0.0165	0.00000474	16	0.0000148	0.000313
2078 Apr	90.2	0.101	0.427	0.00315	26.6	0.0357	18.3	0.000961	0.000841	0.00000441	0.00513	0.00139	0.0278	0.0165	0.00000474	16.1	0.0000148	0.000313
2078 May	89.9	0.101	0.424	0.00315	26.4	0.0357	18.1	0.000968	0.000845	0.00000443	0.00515	0.0014	0.0276	0.0168	0.00000476	16.2	0.0000149	0.000313
2078 Jun	88.8	0.101	0.413	0.00311	25.9	0.035	17.8	0.000968	0.000839	0.00000439	0.00511	0.00141	0.0271	0.0171	0.00000472	16.4	0.0000148	0.000313

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Jul	89.4	0.101	0.415	0.00312	26.1	0.0352	18	0.000971	0.000841	0.00000441	0.00513	0.00142	0.0273	0.0172	0.00000474	16.5	0.0000149	0.000315
2078 Aug	90.2	0.101	0.415	0.00313	26.3	0.0355	18.2	0.000973	0.000843	0.00000442	0.00514	0.00143	0.0276	0.0172	0.00000475	16.6	0.0000149	0.000317
2078 Sep	90.7	0.101	0.416	0.00313	26.5	0.0356	18.4	0.000974	0.000844	0.00000442	0.00515	0.00143	0.0278	0.0172	0.00000476	16.6	0.000015	0.000319
2078 Oct	91	0.101	0.415	0.00313	26.6	0.0357	18.5	0.000973	0.000843	0.00000442	0.00515	0.00143	0.0279	0.0172	0.00000476	16.6	0.000015	0.00032
2078 Nov	91.1	0.101	0.415	0.00313	26.6	0.0357	18.5	0.000973	0.000843	0.00000442	0.00515	0.00143	0.0279	0.0172	0.00000476	16.6	0.000015	0.00032
2078 Dec	91.1	0.101	0.415	0.00313	26.6	0.0357	18.5	0.000973	0.000843	0.00000442	0.00515	0.00143	0.0279	0.0172	0.00000476	16.6	0.000015	0.00032
2079 Jan	91.1	0.101	0.415	0.00313	26.6	0.0357	18.5	0.000973	0.000843	0.00000442	0.00515	0.00143	0.0279	0.0172	0.00000476	16.6	0.000015	0.00032
2079 Feb	91.1	0.101	0.415	0.00313	26.6	0.0357	18.5	0.000973	0.000843	0.00000442	0.00515	0.00143	0.0279	0.0172	0.00000476	16.6	0.000015	0.00032
2079 Mar	91.1	0.101	0.415	0.00313	26.6	0.0357	18.5	0.000973	0.000843	0.00000442	0.00515	0.00143	0.0279	0.0172	0.00000476	16.6	0.000015	0.00032
2079 Apr	91.1	0.101	0.415	0.00313	26.6	0.0357	18.5	0.000974	0.000844	0.00000442	0.00516	0.00143	0.0279	0.0172	0.00000476	16.6	0.000015	0.00032
2079 May	91.3	0.102	0.416	0.00313	26.6	0.0358	18.6	0.000975	0.000845	0.00000443	0.00516	0.00144	0.028	0.0173	0.00000477	16.7	0.000015	0.000321
2079 Jun	90.2	0.1	0.407	0.0031	26.1	0.0354	18.3	0.000977	0.000843	0.00000442	0.00515	0.00144	0.0277	0.0172	0.00000475	16.6	0.000015	0.000319
2079 Jul	90.1	0.1	0.405	0.0031	26.1	0.0354	18.4	0.000979	0.000842	0.00000441	0.00515	0.00144	0.0277	0.0172	0.00000475	16.6	0.000015	0.000319
2079 Aug	90.8	0.1	0.407	0.00311	26.3	0.0356	18.6	0.000982	0.000845	0.00000443	0.00517	0.00145	0.028	0.0173	0.00000477	16.7	0.0000151	0.000321
2079 Sep	91.4	0.1	0.406	0.00311	26.4	0.0358	18.8	0.000981	0.000844	0.00000443	0.00518	0.00145	0.0282	0.0173	0.00000477	16.7	0.0000151	0.000323
2079 Oct	91.5	0.1	0.405	0.0031	26.5	0.0358	18.8	0.000981	0.000844	0.00000443	0.00518	0.00145	0.0283	0.0172	0.00000477	16.7	0.0000151	0.000323
2079 Nov	91.3	0.1	0.404	0.0031	26.4	0.0358	18.8	0.000981	0.000844	0.00000443	0.00518	0.00145	0.0282	0.0172	0.00000477	16.7	0.0000151	0.000323
2079 Dec	91.2	0.1	0.404	0.0031	26.4	0.0358	18.8	0.000982	0.000844	0.00000443	0.00518	0.00145	0.0282	0.0172	0.00000477	16.7	0.0000151	0.000322
2080 Jan	91.2	0.1	0.404	0.0031	26.4	0.0358	18.8	0.000982	0.000844	0.00000443	0.00518	0.00145	0.0282	0.0172	0.00000477	16.7	0.0000151	0.000322
2080 Feb	91.2	0.1	0.404	0.0031	26.4	0.0358	18.8	0.000982	0.000844	0.00000443	0.00518	0.00145	0.0282	0.0172	0.00000477	16.7	0.0000151	0.000322
2080 Mar	91.2	0.1	0.404	0.0031	26.4	0.0358	18.8	0.000982	0.000844	0.00000443	0.00518	0.00145	0.0282	0.0172	0.00000477	16.7	0.0000151	0.000322
2080 Apr	91.2	0.1	0.404	0.0031	26.4	0.0358	18.8	0.000982	0.000844	0.00000443	0.00518	0.00145	0.0282	0.0172	0.00000477	16.7	0.0000151	0.000323
2080 May	91.4	0.1	0.405	0.00311	26.4	0.0359	18.8	0.000983	0.000845	0.00000443	0.00519	0.00146	0.0283	0.0172	0.00000478	16.7	0.0000151	0.000323
2080 Jun	90.1	0.0992	0.399	0.00309	25.9	0.0357	18.6	0.000986	0.000844	0.00000443	0.0052	0.00145	0.0281	0.0169	0.00000478	16.4	0.0000151	0.000319
2080 Jul	89.7	0.0987	0.397	0.00308	25.7	0.0357	18.6	0.000988	0.000844	0.00000443	0.0052	0.00145	0.0281	0.0167	0.00000477	16.3	0.0000152	0.000318
2080 Aug	90.4	0.0988	0.397	0.00309	26	0.036	18.9	0.000989	0.000846	0.00000444	0.00522	0.00146	0.0284	0.0167	0.00000479	16.3	0.0000152	0.00032
2080 Sep	90.8	0.0986	0.396	0.00309	26.1	0.0361	19	0.000989	0.000845	0.00000444	0.00522	0.00146	0.0286	0.0167	0.00000479	16.3	0.0000152	0.000321
2080 Oct	90.5	0.0985	0.395	0.00308	25.9	0.0361	19	0.000991	0.000845	0.00000443	0.00522	0.00146	0.0286	0.0166	0.00000479	16.2	0.0000152	0.00032
2080 Nov	90.1	0.0984	0.395	0.00308	25.8	0.0361	18.9	0.000991	0.000845	0.00000443	0.00522	0.00145	0.0285	0.0165	0.00000479	16.2	0.0000152	0.000318
2080 Dec	90.1	0.0984	0.395	0.00308	25.8	0.0361	18.9	0.000991	0.000845	0.00000443	0.00522	0.00145	0.0285	0.0165	0.00000479	16.2	0.0000152	0.000318
2081 Jan	90.1	0.0984	0.395	0.00308	25.8	0.0361	18.9	0.000991	0.000845	0.00000443	0.00522	0.00145	0.0285	0.0165	0.00000479	16.2	0.0000152	0.000318
2081 Feb	90.1	0.0984	0.395	0.00308	25.8	0.0361	18.9	0.000991	0.000845	0.00000443	0.00522	0.00145	0.0285	0.0165	0.00000479	16.2	0.0000152	0.000318
2081 Mar	90.1	0.0984	0.395	0.00308	25.8	0.0361	18.9	0.000991	0.000845	0.00000443	0.00522	0.00145	0.0285	0.0165	0.00000479	16.2	0.0000152	0.000318
2081 Apr	90.1	0.0984	0.395	0.00308	25.8	0.0361	18.9	0.000991	0.000845	0.00000443	0.00522	0.00146	0.0285	0.0165	0.00000479	16.2	0.0000152	0.000319
2081 May	89.8	0.0984	0.393	0.00308	25.7	0.0361	18.8	0.000994	0.000846	0.00000444	0.00522	0.00146	0.0284	0.0165	0.00000479	16.2	0.0000152	0.000318
2081 Jun	88.6	0.0977	0.387	0.00306	25.2	0.0358	18.6	0.000992	0.000839	0.0000044	0.00518	0.00146	0.0281	0.0164	0.00000476	16	0.000015	0.000314
2081 Jul	89.1	0.0982	0.389	0.00307	25.4	0.036	18.8	0.000996	0.000843	0.00000442	0.0052	0.00147	0.0283	0.0164	0.00000478	16.1	0.0000151	0.000316
2081 Aug	89.8	0.0986	0.391	0.00309	25.6	0.0362	18.9	0.001	0.000847	0.00000444	0.00523	0.00148	0.0285	0.0165	0.0000048	16.2	0.0000152	0.000319
2081 Sep	90.4	0.0986	0.39	0.00308	25.7	0.0364	19.1	0.001	0.000847	0.00000444	0.00523	0.00148	0.0288	0.0165	0.00000481	16.3	0.0000152	0.00032
2081 Oct	90.6	0.0986	0.39	0.00308	25.8	0.0364	19.2	0.001	0.000846	0.00000444	0.00524	0.00148	0.0288	0.0165	0.00000481	16.3	0.0000152	0.000321
2081 Nov	90.8	0.0985	0.39	0.00308	25.8	0.0365	19.3	0.001	0.000846	0.00000444	0.00524	0.00148	0.0289	0.0165	0.00000481	16.3	0.0000152	0.000322
2081 Dec	90.8	0.0985	0.39	0.00308	25.8	0.0365	19.3	0.001	0.000846	0.00000444	0.00524	0.00148	0.0289	0.0165	0.00000481	16.3	0.0000152	0.000322
2082 Jan	90.8	0.0985	0.39	0.00308	25.8	0.0365	19.3	0.001	0.000846	0.00000444	0.00524	0.00148	0.0289	0.0165	0.00000481	16.3	0.0000152	0.000322
2082 Feb	90.8	0.0985	0.39	0.00308	25.8	0.0365	19.3	0.001	0.000846	0.00000444	0.00524	0.00148	0.0289	0.0165	0.00000481	16.3	0.0000152	0.000322
2082 Mar	90.8	0.0985	0.39	0.00308	25.8	0.0365	19.3	0.001	0.000846	0.00000444	0.00524	0.00148	0.0289	0.0165	0.00000481	16.3	0.0000152	0.000322
2082 Apr	90.8	0.0985	0.39	0.00308	25.9	0.0365	19.3	0.001	0.000846	0.00000444	0.00524	0.00148	0.0289	0.0165	0.00000481	16.3	0.0000152	0.000322
2082 May	90.9	0.0987	0.39	0.00308	25.9	0.0365	19.3	0.001	0.000847	0.00000445	0.00524	0.00148	0.029	0.0166	0.00000481	16.3	0.0000152	0.000322
2082 Jun	89.8	0.0973	0.383	0.00306	25.4	0.0363	19.1	0.001	0.000847	0.00000444	0.00526	0.00148	0.0288	0.0163	0.00000481	16.1	0.0000153	0.000319
2082 Jul	88.6	0.0962	0.378	0.00304	25	0.0361	19	0.00101	0.000845	0.00000444	0.00527	0.00147	0.0286	0.016	0.0000048	15.8	0.0000153	0.000316
2082 Aug	89.3	0.0965	0.379	0.00305	25.2	0.0363	19.2	0.00101	0.000848	0.00000445	0.00529	0.00148	0.0289	0.0161	0.00000482	15.9	0.0000154	0.000318
2082 Sep	89.8	0.0966	0.379	0.00305	25.3	0.0365	19.3	0.00101	0.000849	0.00000446	0.0053	0.00148	0.0291	0.0161	0.00000483	16	0.0000154	0.00032
2082 Oct	90.2	0.0963	0.378	0.00304	25.4	0.0365	19.5	0.00101	0.000846	0.00000445	0.00529	0.00148	0.0292	0.016	0.00000482	16	0.0000154	0.000321
2082 Nov	90.3	0.0963	0.378	0.00304	25.4	0.0365	19.5	0.00101	0.000847	0.00000445	0.00529	0.00148	0.0292	0.0161	0.00000482	16	0.0000154	0.000321
2082 Dec	90.3	0.0963	0.378	0.00304	25.4	0.0366	19.5	0.00101	0.000847	0.00000445	0.00529	0.00148	0.0292	0.0161	0.00000482	16	0.0000154	0.000321
2083 Jan	90.3	0.0963	0.378	0.00304	25.4	0.0366	19.5	0.00101	0.000847	0.00000445	0.00529	0.00148	0.0292	0.0161	0.00000482	16	0.0000154	0.000321
2083 Feb	90.3	0.0963	0.378	0.00304	25.4	0.0366	19.5	0.00101	0.000847	0.00000445	0.00529	0.00148	0.0292	0.0161	0.00000482	16	0.0000154	0.000321
2083 Mar	90.3	0.0963	0.378	0.00304	25.4	0.0366	19.5	0.00101	0.000847	0.00000445	0.00529	0.00148	0.0292	0.0161	0.00000482	16	0.0000154	0.000321
2083 Apr	90.3	0.0963	0.378	0.00304	25.5	0.0366	19.5	0.00101	0.000847	0.00000445	0.0053	0.00148	0.0292	0.0161	0.00000482	16	0.0000154	0.000321
2083 May	90.3	0.0964	0.377	0.00305	25.4	0.0366	19.5	0.00101	0.000849	0.00000446	0.00531	0.00149	0.0292	0.0161	0.00000483	16	0.0000155	0.000322
2083 Jun	88.7	0.0957	0.368	0.00301	24.7	0.036	19.1	0.00101	0.000842	0.00000442	0.00526	0.0015	0.0287	0.0162	0.00000479	16	0.0000154	0.000319
2083 Jul	89	0.0957	0.368	0.00301	24.8	0.036	19.3	0.00101	0.00084	0.00000441	0.00525	0.0015	0.0288	0.0162	0.00000479	16.1	0.0000154	0.00032
2083 Aug	89.8	0.0958	0.368	0.00301	25	0.0362	19.5	0.00101	0.000842	0.00000442	0.00527	0.00151	0.0291	0.0162	0.0000048	16.1	0.0000154	0.000322
2083 Sep	90.2	0.0957	0.367	0.00301	25.1	0.0364	19.7	0.00101	0.000841	0.00000442	0.00527	0.00151	0.0293	0.0162	0.0000048	16.1	0.0000154	0.000324
2083 Oct	89.5	0.0956	0.365	0.003	24.9	0.0363	19.6	0.00101	0.000836	0.0000044	0.00524	0.00151	0.0292	0.0161	0.00000478	16	0.0000153	0.000321
2083 Nov	89.2	0.0956	0.364	0.003	24.8	0.0363	19.6	0.00101	0.000834	0.00000439	0.00522	0.00151	0.0291	0.016	0.00000477	16	0.0000152	0.00032
2083 Dec	89.2	0.0956	0.364	0.003	24.8	0.0363	19.6	0.00101	0.000834	0.00000439	0.00522	0.00151	0.0291	0.016	0.00000477	16	0.0000152	0.00032
2084 Jan	89.2	0.0956	0.364	0.003	24.8	0.0363	19.6	0.00101	0.000834	0.00000439	0.00522	0.00151	0.0291	0.016	0.00000477	16	0.0000152	0.00032

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Feb	89.2	0.0956	0.364	0.003	24.8	0.0363	19.6	0.00101	0.000834	0.00000439	0.00522	0.00151	0.0291	0.016	0.00000477	16	0.0000152	0.00032
2084 Mar	89.3	0.0956	0.364	0.003	24.8	0.0363	19.6	0.00101	0.000834	0.00000439	0.00522	0.00151	0.0291	0.016	0.00000477	16	0.0000152	0.00032
2084 Apr	89.3	0.0957	0.365	0.003	24.8	0.0363	19.6	0.00101	0.000835	0.00000439	0.00523	0.00151	0.0291	0.016	0.00000477	16	0.0000153	0.00032
2084 May	89.2	0.0958	0.364	0.003	24.8	0.0363	19.5	0.00101	0.000834	0.00000439	0.00522	0.00151	0.0291	0.0161	0.00000477	16	0.0000152	0.00032
2084 Jun	88.2	0.0953	0.356	0.00296	24.3	0.0357	19.4	0.001	0.000816	0.0000043	0.0051	0.00152	0.0287	0.0162	0.00000468	16.1	0.0000149	0.000318
2084 Jul	88.7	0.0955	0.356	0.00296	24.5	0.0358	19.6	0.001	0.000816	0.0000043	0.0051	0.00153	0.0289	0.0162	0.00000468	16.1	0.0000149	0.00032
2084 Aug	89.5	0.0958	0.357	0.00297	24.7	0.036	19.8	0.001	0.000818	0.00000431	0.00512	0.00153	0.0292	0.0162	0.0000047	16.2	0.000015	0.000322
2084 Sep	90	0.0957	0.357	0.00297	24.8	0.0361	20	0.001	0.000818	0.00000431	0.00512	0.00153	0.0294	0.0162	0.0000047	16.2	0.000015	0.000324
2084 Oct	90.2	0.0956	0.356	0.00296	24.9	0.0362	20.1	0.001	0.000816	0.0000043	0.00512	0.00154	0.0294	0.0162	0.0000047	16.2	0.000015	0.000325
2084 Nov	90.2	0.0956	0.355	0.00296	24.9	0.0362	20.1	0.001	0.000816	0.0000043	0.00511	0.00154	0.0294	0.0162	0.00000469	16.2	0.000015	0.000324
2084 Dec	90.2	0.0956	0.355	0.00296	24.9	0.0362	20.1	0.001	0.000816	0.0000043	0.00511	0.00154	0.0294	0.0162	0.00000469	16.2	0.000015	0.000324
2085 Jan	90.2	0.0956	0.355	0.00296	24.9	0.0362	20.1	0.001	0.000816	0.0000043	0.00511	0.00154	0.0294	0.0162	0.00000469	16.2	0.000015	0.000324
2085 Feb	90.2	0.0956	0.355	0.00296	24.9	0.0362	20.1	0.001	0.000816	0.0000043	0.00511	0.00154	0.0294	0.0162	0.00000469	16.2	0.000015	0.000324
2085 Mar	90.2	0.0956	0.355	0.00296	24.9	0.0362	20.1	0.001	0.000816	0.0000043	0.00511	0.00154	0.0294	0.0162	0.00000469	16.2	0.000015	0.000324
2085 Apr	90.2	0.0957	0.355	0.00296	24.9	0.0362	20.1	0.001	0.000816	0.0000043	0.00512	0.00154	0.0295	0.0162	0.00000469	16.2	0.000015	0.000324
2085 May	90.2	0.0958	0.354	0.00296	24.9	0.0362	20.1	0.001	0.000816	0.0000043	0.00512	0.00154	0.0294	0.0163	0.0000047	16.3	0.000015	0.000325
2085 Jun	90.1	0.096	0.351	0.00295	24.7	0.0361	20.1	0.001	0.000812	0.00000428	0.00509	0.00155	0.0293	0.0165	0.00000468	16.4	0.0000149	0.000326
2085 Jul	90.8	0.0964	0.352	0.00296	24.9	0.0363	20.3	0.00101	0.000816	0.0000043	0.00511	0.00156	0.0296	0.0166	0.0000047	16.5	0.000015	0.000328
2085 Aug	91.7	0.0963	0.352	0.00296	25.2	0.0365	20.6	0.00101	0.000816	0.0000043	0.00512	0.00157	0.0299	0.0166	0.00000471	16.6	0.0000151	0.000331
2085 Sep	92	0.0963	0.35	0.00296	25.2	0.0367	20.7	0.00101	0.000815	0.0000043	0.00512	0.00157	0.03	0.0166	0.00000471	16.6	0.000015	0.000332
2085 Oct	91.7	0.0965	0.349	0.00295	25.1	0.0367	20.7	0.00101	0.000814	0.00000429	0.00511	0.00158	0.0299	0.0166	0.0000047	16.6	0.0000149	0.000331
2085 Nov	91.4	0.0966	0.348	0.00295	25	0.0367	20.6	0.00101	0.000812	0.00000429	0.0051	0.00158	0.0299	0.0166	0.00000469	16.6	0.0000149	0.00033
2085 Dec	91.4	0.0966	0.348	0.00295	25	0.0367	20.6	0.00101	0.000812	0.00000429	0.0051	0.00158	0.0299	0.0166	0.00000469	16.6	0.0000149	0.00033
2086 Jan	91.4	0.0966	0.348	0.00295	25	0.0367	20.6	0.00101	0.000812	0.00000429	0.0051	0.00158	0.0299	0.0166	0.00000469	16.6	0.0000149	0.00033
2086 Feb	91.4	0.0966	0.348	0.00295	25	0.0367	20.6	0.00101	0.000812	0.00000429	0.0051	0.00158	0.0299	0.0166	0.00000469	16.6	0.0000149	0.00033
2086 Mar	91.4	0.0966	0.348	0.00295	25	0.0367	20.6	0.00101	0.000812	0.00000429	0.0051	0.00158	0.0299	0.0166	0.00000469	16.6	0.0000149	0.00033
2086 Apr	91.4	0.0966	0.348	0.00295	25	0.0367	20.7	0.00101	0.000813	0.00000429	0.0051	0.00158	0.0299	0.0166	0.0000047	16.6	0.0000149	0.00033
2086 May	91.6	0.0967	0.349	0.00295	25.1	0.0367	20.7	0.00101	0.000814	0.0000043	0.00511	0.00158	0.0299	0.0166	0.0000047	16.7	0.0000149	0.000331
2086 Jun	90.3	0.0962	0.341	0.00292	24.5	0.0362	20.4	0.00101	0.000803	0.00000424	0.00503	0.00159	0.0295	0.0167	0.00000465	16.6	0.0000147	0.000328
2086 Jul	90.6	0.0963	0.34	0.00292	24.5	0.0363	20.6	0.00101	0.000802	0.00000423	0.00502	0.00159	0.0297	0.0167	0.00000464	16.7	0.0000147	0.00033
2086 Aug	91.4	0.0964	0.341	0.00293	24.8	0.0365	20.9	0.00101	0.000803	0.00000425	0.00504	0.0016	0.03	0.0167	0.00000466	16.8	0.0000148	0.000332
2086 Sep	92	0.0963	0.341	0.00292	25	0.0367	21.1	0.00101	0.000803	0.00000424	0.00505	0.0016	0.0302	0.0167	0.00000466	16.8	0.0000148	0.000334
2086 Oct	92.3	0.0963	0.34	0.00292	25.1	0.0367	21.2	0.00101	0.000803	0.00000424	0.00505	0.0016	0.0303	0.0167	0.00000466	16.8	0.0000148	0.000335
2086 Nov	92.3	0.0963	0.34	0.00292	25.1	0.0367	21.2	0.00101	0.000803	0.00000425	0.00505	0.0016	0.0303	0.0167	0.00000466	16.8	0.0000148	0.000335
2086 Dec	92.3	0.0963	0.34	0.00292	25.1	0.0367	21.2	0.00101	0.000803	0.00000425	0.00505	0.0016	0.0303	0.0167	0.00000466	16.8	0.0000148	0.000335
2087 Jan	92.3	0.0963	0.34	0.00292	25.1	0.0367	21.2	0.00101	0.000803	0.00000425	0.00505	0.0016	0.0303	0.0167	0.00000466	16.8	0.0000148	0.000335
2087 Feb	92.3	0.0964	0.34	0.00292	25.1	0.0367	21.2	0.00101	0.000803	0.00000425	0.00505	0.0016	0.0303	0.0167	0.00000466	16.8	0.0000148	0.000335
2087 Mar	92.3	0.0964	0.34	0.00292	25.1	0.0367	21.2	0.00101	0.000803	0.00000425	0.00505	0.0016	0.0303	0.0167	0.00000466	16.8	0.0000148	0.000335
2087 Apr	92.4	0.0964	0.341	0.00292	25.1	0.0368	21.2	0.00101	0.000803	0.00000425	0.00505	0.00161	0.0303	0.0167	0.00000466	16.8	0.0000148	0.000335
2087 May	92.4	0.0964	0.34	0.00292	25.1	0.0368	21.2	0.00101	0.000804	0.00000425	0.00506	0.00161	0.0303	0.0168	0.00000467	16.9	0.0000148	0.000336
2087 Jun	92.1	0.0962	0.336	0.00291	24.8	0.0367	21.1	0.00102	0.000804	0.00000425	0.00505	0.00162	0.0302	0.0169	0.00000467	17	0.0000148	0.000336
2087 Jul	92.9	0.0964	0.337	0.00292	25.1	0.0369	21.4	0.00102	0.000806	0.00000426	0.00507	0.00163	0.0304	0.017	0.00000469	17.1	0.0000149	0.000339
2087 Aug	93.6	0.0967	0.338	0.00293	25.3	0.0371	21.5	0.00102	0.000809	0.00000428	0.00509	0.00164	0.0307	0.017	0.0000047	17.1	0.0000149	0.000341
2087 Sep	94.1	0.0969	0.338	0.00293	25.4	0.0373	21.7	0.00102	0.00081	0.00000429	0.0051	0.00164	0.0309	0.0171	0.00000471	17.2	0.000015	0.000343
2087 Oct	94.3	0.0968	0.338	0.00293	25.5	0.0373	21.8	0.00102	0.00081	0.00000429	0.0051	0.00164	0.0309	0.0171	0.00000471	17.2	0.000015	0.000343
2087 Nov	94.4	0.0968	0.338	0.00293	25.5	0.0373	21.8	0.00102	0.000809	0.00000428	0.0051	0.00164	0.031	0.0171	0.00000471	17.2	0.000015	0.000344
2087 Dec	94.4	0.0968	0.338	0.00293	25.5	0.0373	21.8	0.00102	0.000809	0.00000428	0.0051	0.00164	0.031	0.0171	0.00000471	17.2	0.000015	0.000344
2088 Jan	94.4	0.0968	0.338	0.00293	25.5	0.0373	21.8	0.00102	0.000809	0.00000428	0.0051	0.00164	0.031	0.0171	0.00000471	17.2	0.000015	0.000344
2088 Feb	94.4	0.0968	0.338	0.00293	25.5	0.0373	21.8	0.00102	0.000809	0.00000428	0.0051	0.00164	0.031	0.0171	0.00000471	17.2	0.000015	0.000344
2088 Mar	94.4	0.0968	0.338	0.00293	25.5	0.0373	21.8	0.00102	0.00081	0.00000429	0.0051	0.00164	0.031	0.0171	0.00000471	17.2	0.000015	0.000344
2088 Apr	94.5	0.0969	0.338	0.00293	25.5	0.0374	21.8	0.00102	0.00081	0.00000429	0.00511	0.00164	0.031	0.0171	0.00000472	17.2	0.000015	0.000344
2088 May	94.7	0.0971	0.339	0.00294	25.6	0.0374	21.9	0.00103	0.000812	0.0000043	0.00512	0.00165	0.0311	0.0171	0.00000473	17.3	0.000015	0.000345
2088 Jun	94.8	0.0967	0.336	0.00293	25.6	0.0375	21.9	0.00103	0.000816	0.00000432	0.00516	0.00165	0.0311	0.0172	0.00000475	17.3	0.0000152	0.000346
2088 Jul	95.4	0.097	0.336	0.00294	25.7	0.0378	22.1	0.00104	0.000822	0.00000435	0.0052	0.00166	0.0313	0.0173	0.00000478	17.4	0.0000153	0.000348
2088 Aug	96.1	0.0975	0.338	0.00295	25.9	0.038	22.3	0.00105	0.000827	0.00000438	0.00523	0.00167	0.0316	0.0174	0.00000481	17.5	0.0000154	0.000351
2088 Sep	96.6	0.0976	0.338	0.00296	26	0.0382	22.4	0.00105	0.000828	0.00000438	0.00524	0.00168	0.0317	0.0174	0.00000482	17.6	0.0000154	0.000352
2088 Oct	97	0.0973	0.337	0.00295	26.1	0.0382	22.6	0.00104	0.000825	0.00000437	0.00524	0.00168	0.0319	0.0173	0.00000481	17.6	0.0000154	0.000353
2088 Nov	97	0.0972	0.336	0.00294	26.2	0.0382	22.6	0.00104	0.000825	0.00000437	0.00524	0.00168	0.0319	0.0173	0.00000481	17.6	0.0000154	0.000354
2088 Dec	97	0.0972	0.336	0.00295	26.2	0.0383	22.6	0.00104	0.000825	0.00000437	0.00524	0.00168	0.0319	0.0173	0.00000481	17.6	0.0000154	0.000354
2089 Jan	97	0.0972	0.336	0.00295	26.2	0.0383	22.6	0.00104	0.000825	0.00000437	0.00524	0.00168	0.0319	0.0173	0.00000481	17.6	0.0000154	0.000354
2089 Feb	97	0.0972	0.336	0.00295	26.2	0.0383	22.6	0.00104	0.000825	0.00000437	0.00524	0.00168	0.0319	0.0173	0.00000481	17.6	0.0000154	0.000354
2089 Mar	97.1	0.0973	0.336	0.00295	26.2	0.0383	22.6	0.00104	0.000825	0.00000437	0.00524	0.00168	0.0319	0.0173	0.00000481	17.6	0.0000154	0.000354
2089 Apr	97.1	0.0973	0.337	0.00295	26.2	0.0383	22.6	0.00104	0.000826	0.00000437	0.00524	0.00168	0.0319	0.0174	0.00000481	17.6	0.0000154	0.000354
2089 May	97.3	0.0975	0.336	0.00295	26.2	0.0384	22.7	0.00105	0.000829	0.00000439	0.00527	0.00168	0.032	0.0175	0.00000483	17.7	0.0000155	0.000355
2089 Jun	97.5	0.0979	0.332	0.00294	26.1	0.0386	22.5	0.00107	0.000845	0.00000447	0.00539	0.00171	0.0318	0.0179	0.0000049	18	0.0000158	0.000358
2089 Jul	98.3	0.0982	0.333	0.00295	26.3	0.0388	22.7	0.00107	0.000848	0.00000448	0.00541	0.00171	0.0321	0.018	0.00000492	18.1	0.0000159	0.000361
2089 Aug	99	0.0984	0.334	0.00296	26.5	0.039	23	0.00107	0.000851	0.0000045	0.00543	0.00172	0.0323	0.018	0.00000494	18.2	0.000016	0.000363

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Sep	99.6	0.0985	0.334	0.00296	26.7	0.0392	23.2	0.00107	0.000851	0.0000045	0.00544	0.00173	0.0325	0.0181	0.00000495	18.2	0.000016	0.000365
2089 Oct	99.7	0.0985	0.331	0.00295	26.7	0.0393	23.1	0.00108	0.000855	0.00000452	0.00548	0.00173	0.0325	0.0181	0.00000497	18.3	0.0000161	0.000366
2089 Nov	99.6	0.0987	0.331	0.00296	26.6	0.0394	23.1	0.00108	0.000858	0.00000453	0.00549	0.00173	0.0325	0.0182	0.00000498	18.4	0.0000161	0.000366
2089 Dec	99.6	0.0987	0.331	0.00296	26.6	0.0394	23.1	0.00108	0.000858	0.00000454	0.00549	0.00173	0.0325	0.0182	0.00000498	18.4	0.0000161	0.000366
2090 Jan	99.6	0.0987	0.331	0.00296	26.6	0.0394	23.1	0.00108	0.000858	0.00000454	0.00549	0.00173	0.0325	0.0182	0.00000498	18.4	0.0000161	0.000366
2090 Feb	99.6	0.0987	0.331	0.00296	26.6	0.0394	23.1	0.00108	0.000858	0.00000454	0.00549	0.00173	0.0325	0.0182	0.00000498	18.4	0.0000161	0.000366
2090 Mar	99.6	0.0987	0.331	0.00296	26.6	0.0394	23.1	0.00108	0.000858	0.00000454	0.0055	0.00173	0.0325	0.0182	0.00000498	18.4	0.0000161	0.000366
2090 Apr	99.6	0.0987	0.331	0.00296	26.6	0.0394	23.1	0.00108	0.000858	0.00000454	0.0055	0.00174	0.0325	0.0182	0.00000498	18.4	0.0000161	0.000366
2090 May	99.8	0.0988	0.331	0.00296	26.7	0.0394	23.1	0.00108	0.00086	0.00000454	0.00551	0.00174	0.0325	0.0182	0.00000499	18.4	0.0000161	0.000366
2090 Jun	98	0.0993	0.323	0.00294	25.8	0.0391	22.4	0.0011	0.000875	0.00000461	0.00561	0.00176	0.0316	0.0188	0.00000505	18.7	0.0000163	0.000364
2090 Jul	98.3	0.0994	0.323	0.00294	25.9	0.0392	22.5	0.00111	0.000877	0.00000462	0.00562	0.00177	0.0318	0.0188	0.00000506	18.8	0.0000164	0.000365
2090 Aug	98.8	0.0991	0.322	0.00294	26	0.0394	22.7	0.00111	0.000876	0.00000462	0.00562	0.00178	0.032	0.0188	0.00000506	18.8	0.0000164	0.000366
2090 Sep	97.9	0.0986	0.32	0.00292	25.7	0.0392	22.6	0.00111	0.000871	0.00000459	0.00558	0.00177	0.0318	0.0186	0.00000503	18.6	0.0000163	0.000363
2090 Oct	96	0.098	0.316	0.00291	25.1	0.0389	22.3	0.0011	0.00086	0.00000454	0.00551	0.00176	0.0315	0.0181	0.00000498	18.2	0.000016	0.000356
2090 Nov	95.5	0.0978	0.315	0.0029	24.9	0.0388	22.2	0.0011	0.000855	0.00000451	0.00548	0.00175	0.0314	0.018	0.00000495	18.1	0.0000158	0.000354
2090 Dec	95.5	0.0978	0.315	0.0029	24.9	0.0388	22.2	0.0011	0.000855	0.00000451	0.00548	0.00175	0.0314	0.018	0.00000495	18.1	0.0000158	0.000354
2091 Jan	95.5	0.0978	0.315	0.0029	24.9	0.0388	22.2	0.0011	0.000855	0.00000451	0.00548	0.00175	0.0314	0.018	0.00000495	18.1	0.0000158	0.000354
2091 Feb	95.5	0.0978	0.315	0.0029	24.9	0.0388	22.2	0.0011	0.000855	0.00000451	0.00548	0.00175	0.0314	0.018	0.00000495	18.1	0.0000158	0.000354
2091 Mar	95.5	0.0978	0.315	0.0029	24.9	0.0388	22.2	0.0011	0.000855	0.00000451	0.00548	0.00176	0.0314	0.018	0.00000496	18.1	0.0000159	0.000354
2091 Apr	95.6	0.0979	0.316	0.0029	24.9	0.0388	22.2	0.0011	0.000856	0.00000452	0.00548	0.00176	0.0314	0.018	0.00000496	18.1	0.0000159	0.000354
2091 May	95.6	0.098	0.316	0.0029	24.9	0.0389	22.2	0.0011	0.000856	0.00000452	0.00549	0.00176	0.0314	0.018	0.00000496	18.1	0.0000159	0.000354
2091 Jun	94.2	0.0972	0.31	0.00286	24.4	0.0382	22	0.00109	0.000838	0.00000442	0.00537	0.00175	0.031	0.0178	0.00000487	17.9	0.0000156	0.00035
2091 Jul	94.7	0.0975	0.311	0.00288	24.6	0.0384	22.2	0.00109	0.00084	0.00000444	0.00539	0.00176	0.0312	0.0179	0.00000489	18	0.0000156	0.000352
2091 Aug	95.6	0.0975	0.311	0.00287	24.8	0.0386	22.5	0.00109	0.000841	0.00000444	0.0054	0.00177	0.0315	0.0179	0.00000489	18.1	0.0000157	0.000354
2091 Sep	96.1	0.0974	0.31	0.00287	25	0.0388	22.7	0.00109	0.00084	0.00000444	0.0054	0.00177	0.0317	0.0179	0.00000489	18.1	0.0000157	0.000356
2091 Oct	95.7	0.0972	0.309	0.00286	24.8	0.0387	22.7	0.00109	0.000836	0.00000442	0.00537	0.00177	0.0317	0.0178	0.00000487	18	0.0000156	0.000354
2091 Nov	95	0.097	0.307	0.00286	24.6	0.0386	22.6	0.00109	0.000832	0.0000044	0.00534	0.00176	0.0316	0.0176	0.00000485	17.9	0.0000155	0.000352
2091 Dec	95	0.097	0.307	0.00286	24.6	0.0386	22.6	0.00109	0.000832	0.0000044	0.00534	0.00176	0.0316	0.0176	0.00000485	17.9	0.0000154	0.000352
2092 Jan	95	0.097	0.307	0.00286	24.6	0.0386	22.6	0.00109	0.000832	0.0000044	0.00534	0.00176	0.0316	0.0176	0.00000485	17.9	0.0000154	0.000352
2092 Feb	95	0.097	0.307	0.00286	24.6	0.0386	22.6	0.00109	0.000832	0.0000044	0.00534	0.00176	0.0316	0.0176	0.00000485	17.9	0.0000155	0.000352
2092 Mar	95.1	0.0971	0.307	0.00286	24.6	0.0386	22.6	0.00109	0.000832	0.0000044	0.00534	0.00176	0.0316	0.0176	0.00000485	17.9	0.0000155	0.000352
2092 Apr	95.1	0.0971	0.307	0.00286	24.6	0.0386	22.6	0.00109	0.000832	0.0000044	0.00534	0.00176	0.0316	0.0176	0.00000486	17.9	0.0000155	0.000352
2092 May	95.1	0.0972	0.307	0.00286	24.6	0.0386	22.6	0.00109	0.000832	0.0000044	0.00534	0.00177	0.0316	0.0177	0.00000486	18	0.0000155	0.000353
2092 Jun	92.8	0.0951	0.298	0.00279	23.7	0.0374	22.3	0.00107	0.0008	0.00000424	0.00513	0.00176	0.031	0.0173	0.0000047	17.6	0.000015	0.000346
2092 Jul	92.9	0.0946	0.296	0.00279	23.7	0.0372	22.5	0.00106	0.000792	0.0000042	0.00508	0.00176	0.0311	0.0172	0.00000466	17.5	0.0000149	0.000346
2092 Aug	93.6	0.0949	0.297	0.0028	23.9	0.0375	22.7	0.00107	0.000795	0.00000422	0.0051	0.00177	0.0314	0.0172	0.00000468	17.6	0.000015	0.000349
2092 Sep	94.1	0.0949	0.297	0.0028	24.1	0.0376	22.9	0.00107	0.000795	0.00000422	0.00511	0.00177	0.0315	0.0172	0.00000469	17.7	0.000015	0.00035
2092 Oct	94.4	0.0948	0.297	0.00279	24.2	0.0377	23	0.00106	0.000795	0.00000422	0.00511	0.00177	0.0316	0.0172	0.00000469	17.7	0.000015	0.000351
2092 Nov	94.4	0.0948	0.297	0.00279	24.2	0.0377	23	0.00106	0.000795	0.00000422	0.00511	0.00177	0.0317	0.0172	0.00000469	17.7	0.000015	0.000351
2092 Dec	94.4	0.0948	0.297	0.00279	24.2	0.0377	23	0.00106	0.000795	0.00000422	0.00511	0.00177	0.0317	0.0172	0.00000469	17.7	0.000015	0.000351
2093 Jan	94.4	0.0948	0.297	0.00279	24.2	0.0377	23	0.00106	0.000795	0.00000422	0.00511	0.00177	0.0317	0.0172	0.00000469	17.7	0.000015	0.000351
2093 Feb	94.5	0.0948	0.297	0.00279	24.2	0.0377	23	0.00106	0.000795	0.00000422	0.00511	0.00177	0.0317	0.0172	0.00000469	17.7	0.000015	0.000352
2093 Mar	94.5	0.0949	0.297	0.00279	24.2	0.0377	23	0.00107	0.000795	0.00000422	0.00511	0.00177	0.0317	0.0172	0.00000469	17.7	0.000015	0.000352
2093 Apr	94.5	0.0949	0.297	0.0028	24.2	0.0377	23	0.00107	0.000795	0.00000422	0.00511	0.00177	0.0317	0.0172	0.00000469	17.7	0.000015	0.000352
2093 May	94.7	0.095	0.297	0.0028	24.2	0.0378	23	0.00107	0.000797	0.00000423	0.00512	0.00177	0.0318	0.0173	0.0000047	17.7	0.0000151	0.000353
2093 Jun	94.3	0.0942	0.293	0.00278	24	0.0374	23	0.00107	0.00079	0.0000042	0.00508	0.00178	0.0316	0.0173	0.00000467	17.8	0.000015	0.000353
2093 Jul	94.8	0.0944	0.294	0.00279	24.1	0.0375	23.2	0.00107	0.000792	0.00000421	0.00509	0.00179	0.0318	0.0174	0.00000468	17.8	0.0000151	0.000355
2093 Aug	95.6	0.0946	0.295	0.0028	24.3	0.0377	23.4	0.00107	0.000794	0.00000422	0.00511	0.0018	0.0321	0.0174	0.0000047	17.9	0.0000152	0.000357
2093 Sep	96.1	0.0946	0.294	0.00279	24.5	0.0379	23.6	0.00107	0.000794	0.00000423	0.00512	0.0018	0.0323	0.0174	0.0000047	18	0.0000152	0.000359
2093 Oct	96.2	0.0944	0.293	0.00278	24.5	0.0379	23.7	0.00107	0.000792	0.00000421	0.00511	0.0018	0.0324	0.0174	0.00000469	17.9	0.0000152	0.000359
2093 Nov	95.9	0.0944	0.292	0.00278	24.3	0.0379	23.7	0.00107	0.000791	0.00000421	0.00511	0.0018	0.0323	0.0173	0.00000469	17.9	0.0000152	0.000358
2093 Dec	95.9	0.0944	0.292	0.00278	24.3	0.0379	23.7	0.00107	0.000791	0.00000421	0.00511	0.0018	0.0323	0.0173	0.00000469	17.9	0.0000152	0.000358
2094 Jan	95.9	0.0944	0.292	0.00278	24.3	0.0379	23.7	0.00107	0.000791	0.00000421	0.00511	0.0018	0.0323	0.0173	0.00000469	17.9	0.0000152	0.000358
2094 Feb	95.9	0.0944	0.292	0.00278	24.3	0.0379	23.7	0.00107	0.000791	0.00000421	0.00511	0.0018	0.0323	0.0173	0.00000469	17.9	0.0000152	0.000358
2094 Mar	95.9	0.0944	0.292	0.00278	24.3	0.0379	23.7	0.00107	0.000791	0.00000421	0.00511	0.0018	0.0323	0.0173	0.00000469	17.9	0.0000152	0.000358
2094 Apr	95.9	0.0944	0.292	0.00278	24.3	0.0379	23.7	0.00107	0.000792	0.00000421	0.00512	0.0018	0.0323	0.0173	0.00000469	17.9	0.0000152	0.000358
2094 May	95.8	0.0945	0.291	0.00278	24.3	0.0379	23.6	0.00108	0.000792	0.00000421	0.00512	0.00181	0.0322	0.0174	0.0000047	17.9	0.0000152	0.000358
2094 Jun	95.5	0.0945	0.288	0.00277	24	0.0377	23.6	0.00108	0.000791	0.00000421	0.00511	0.00182	0.0321	0.0175	0.00000469	18	0.0000152	0.000358
2094 Jul	96.3	0.095	0.29	0.00279	24.3	0.038	23.8	0.00109	0.000795	0.00000423	0.00515	0.00183	0.0324	0.0176	0.00000472	18.1	0.0000153	0.000361
2094 Aug	97	0.0955	0.291	0.0028	24.5	0.0383	24	0.00109	0.000799	0.00000426	0.00518	0.00184	0.0327	0.0177	0.00000474	18.2	0.0000154	0.000364
2094 Sep	97.6	0.0955	0.291	0.0028	24.6	0.0384	24.2	0.00109	0.000799	0.00000426	0.00518	0.00184	0.0329	0.0177	0.00000475	18.3	0.0000154	0.000365
2094 Oct	98	0.0953	0.29	0.00279	24.8	0.0385	24.4	0.00109	0.000798	0.00000425	0.00518	0.00184	0.033	0.0176	0.00000474	18.3	0.0000154	0.000367
2094 Nov	98.2	0.0951	0.289	0.00278	24.8	0.0385	24.5	0.00109	0.000796	0.00000424	0.00518	0.00184	0.0331	0.0176	0.00000473	18.3	0.0000154	0.000367
2094 Dec	98.2	0.0951	0.289	0.00278	24.8	0.0385	24.5	0.00109	0.000796	0.00000424	0.00517	0.00184	0.0331	0.0176	0.00000473	18.3	0.0000154	0.000367
2095 Jan	98.2	0.0951	0.289	0.00278	24.8	0.0385	24.5	0.00109	0.000796	0.00000424	0.00517	0.00184	0.0331	0.0176	0.00000473	18.3	0.0000154	0.000367
2095 Feb	98.2	0.0951	0.289	0.00278	24.8	0.0385	24.5	0.00109	0.000796	0.00000424	0.00518	0.00184	0.0331	0.0176	0.00000473	18.3	0.0000154	0.000367
2095 Mar	98.2	0.0951	0.289	0.00278	24.8	0.0385	24.5	0.00109	0.000796	0.00000424	0.00518	0.00184	0.0331	0.0176	0.00000473	18.3	0.0000154	0.000367

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Apr	98.2	0.0951	0.289	0.00279	24.9	0.0385	24.5	0.00109	0.000796	0.00000424	0.00518	0.00184	0.0331	0.0176	0.00000474	18.3	0.0000154	0.000367
2095 May	98.4	0.0954	0.289	0.00279	24.9	0.0386	24.5	0.00109	0.000799	0.00000426	0.0052	0.00185	0.0331	0.0178	0.00000475	18.4	0.0000155	0.000368
2095 Jun	98.8	0.0963	0.287	0.00279	24.9	0.0388	24.5	0.0011	0.000808	0.0000043	0.00527	0.00187	0.0331	0.0181	0.00000479	18.6	0.0000156	0.000371
2095 Jul	99.7	0.0968	0.289	0.00281	25.1	0.0391	24.7	0.00111	0.000812	0.00000432	0.0053	0.00188	0.0334	0.0182	0.00000482	18.8	0.0000157	0.000374
2095 Aug	101	0.0967	0.289	0.0028	25.4	0.0393	25	0.00111	0.000812	0.00000433	0.00531	0.00188	0.0337	0.0182	0.00000483	18.8	0.0000158	0.000377
2095 Sep	101	0.0967	0.289	0.0028	25.5	0.0395	25.2	0.00111	0.000812	0.00000433	0.00531	0.00189	0.0339	0.0182	0.00000483	18.9	0.0000158	0.000378
2095 Oct	101	0.0967	0.288	0.0028	25.6	0.0395	25.3	0.00111	0.000812	0.00000433	0.00532	0.00189	0.034	0.0182	0.00000483	18.9	0.0000158	0.000379
2095 Nov	101	0.0966	0.288	0.0028	25.6	0.0395	25.4	0.00111	0.000811	0.00000432	0.00531	0.00189	0.0341	0.0182	0.00000483	18.9	0.0000158	0.000379
2095 Dec	101	0.0966	0.288	0.0028	25.7	0.0395	25.4	0.00111	0.000811	0.00000432	0.00531	0.00189	0.0341	0.0182	0.00000483	18.9	0.0000158	0.000379
2096 Jan	101	0.0966	0.288	0.0028	25.7	0.0395	25.4	0.00111	0.000811	0.00000432	0.00531	0.00189	0.0341	0.0182	0.00000483	18.9	0.0000158	0.000379
2096 Feb	101	0.0966	0.288	0.0028	25.7	0.0395	25.4	0.00111	0.000811	0.00000432	0.00531	0.00189	0.0341	0.0182	0.00000483	18.9	0.0000158	0.000379
2096 Mar	101	0.0966	0.288	0.0028	25.7	0.0396	25.4	0.00111	0.000811	0.00000433	0.00532	0.00189	0.0341	0.0182	0.00000483	18.9	0.0000158	0.000379
2096 Apr	102	0.0966	0.288	0.0028	25.7	0.0396	25.4	0.00111	0.000811	0.00000433	0.00532	0.00189	0.0341	0.0182	0.00000483	18.9	0.0000158	0.00038
2096 May	102	0.0969	0.288	0.0028	25.7	0.0397	25.4	0.00111	0.000815	0.00000434	0.00534	0.0019	0.0341	0.0183	0.00000485	19	0.0000159	0.00038
2096 Jun	100	0.0973	0.28	0.00278	24.9	0.0395	24.7	0.00114	0.000831	0.00000442	0.00545	0.00193	0.0333	0.0188	0.00000492	19.3	0.0000161	0.000379
2096 Jul	100	0.0973	0.28	0.00279	24.8	0.0395	24.8	0.00114	0.000833	0.00000443	0.00546	0.00194	0.0333	0.0189	0.00000493	19.4	0.0000161	0.000379
2096 Aug	101	0.0978	0.281	0.0028	25	0.0397	25	0.00115	0.000837	0.00000445	0.00549	0.00195	0.0336	0.019	0.00000495	19.5	0.0000162	0.000382
2096 Sep	102	0.0977	0.281	0.0028	25.2	0.0399	25.2	0.00115	0.000836	0.00000445	0.00549	0.00195	0.0338	0.019	0.00000495	19.5	0.0000162	0.000384
2096 Oct	102	0.0974	0.279	0.00279	25.3	0.0399	25.3	0.00114	0.000834	0.00000444	0.00549	0.00195	0.0339	0.0189	0.00000494	19.5	0.0000162	0.000385
2096 Nov	102	0.0974	0.279	0.00279	25.3	0.04	25.3	0.00114	0.000834	0.00000444	0.00549	0.00195	0.0339	0.0189	0.00000495	19.5	0.0000162	0.000384
2096 Dec	102	0.0974	0.279	0.00279	25.3	0.04	25.3	0.00114	0.000834	0.00000444	0.00549	0.00195	0.0339	0.0189	0.00000495	19.5	0.0000162	0.000384
2097 Jan	102	0.0974	0.279	0.00279	25.3	0.04	25.3	0.00114	0.000834	0.00000444	0.00549	0.00195	0.0339	0.0189	0.00000495	19.5	0.0000162	0.000384
2097 Feb	102	0.0974	0.279	0.00279	25.3	0.04	25.3	0.00114	0.000834	0.00000444	0.00549	0.00195	0.0339	0.0189	0.00000495	19.5	0.0000162	0.000384
2097 Mar	102	0.0974	0.279	0.00279	25.3	0.04	25.3	0.00114	0.000834	0.00000444	0.00549	0.00195	0.0339	0.0189	0.00000495	19.5	0.0000162	0.000384
2097 Apr	102	0.0975	0.279	0.00279	25.3	0.04	25.3	0.00114	0.000835	0.00000444	0.00549	0.00195	0.0339	0.0189	0.00000495	19.5	0.0000162	0.000385
2097 May	102	0.0976	0.279	0.00279	25.4	0.0401	25.4	0.00115	0.000836	0.00000445	0.0055	0.00195	0.034	0.019	0.00000496	19.6	0.0000163	0.000386
2097 Jun	102	0.0977	0.276	0.00278	25.1	0.04	25.2	0.00115	0.00084	0.00000447	0.00554	0.00196	0.0338	0.0191	0.00000497	19.6	0.0000163	0.000385
2097 Jul	102	0.0982	0.278	0.00279	25.3	0.0402	25.4	0.00116	0.000844	0.00000449	0.00557	0.00197	0.034	0.0192	0.000005	19.7	0.0000164	0.000387
2097 Aug	103	0.0984	0.278	0.0028	25.5	0.0405	25.6	0.00116	0.000847	0.0000045	0.00559	0.00198	0.0343	0.0192	0.00000502	19.8	0.0000165	0.00039
2097 Sep	103	0.0986	0.279	0.00281	25.6	0.0406	25.8	0.00116	0.000848	0.00000451	0.0056	0.00199	0.0344	0.0193	0.00000503	19.9	0.0000166	0.000391
2097 Oct	104	0.0985	0.278	0.0028	25.7	0.0407	25.9	0.00116	0.000848	0.00000451	0.0056	0.00199	0.0345	0.0192	0.00000503	19.9	0.0000166	0.000392
2097 Nov	104	0.0985	0.278	0.0028	25.7	0.0407	25.9	0.00116	0.000847	0.00000451	0.0056	0.00199	0.0346	0.0192	0.00000502	19.9	0.0000166	0.000392
2097 Dec	104	0.0985	0.278	0.0028	25.7	0.0407	25.9	0.00116	0.000847	0.00000451	0.0056	0.00199	0.0346	0.0192	0.00000502	19.9	0.0000166	0.000392
2098 Jan	104	0.0985	0.278	0.0028	25.7	0.0407	25.9	0.00116	0.000847	0.00000451	0.0056	0.00199	0.0346	0.0192	0.00000502	19.9	0.0000166	0.000392
2098 Feb	104	0.0985	0.278	0.0028	25.7	0.0407	25.9	0.00116	0.000847	0.00000451	0.0056	0.00199	0.0346	0.0192	0.00000502	19.9	0.0000166	0.000392
2098 Mar	104	0.0985	0.278	0.0028	25.7	0.0407	25.9	0.00116	0.000847	0.00000451	0.0056	0.00199	0.0346	0.0192	0.00000503	19.9	0.0000166	0.000392
2098 Apr	104	0.0985	0.278	0.0028	25.7	0.0407	25.9	0.00116	0.000847	0.00000451	0.0056	0.00199	0.0346	0.0193	0.00000503	19.9	0.0000166	0.000393
2098 May	104	0.0986	0.277	0.0028	25.8	0.0407	25.9	0.00117	0.00085	0.00000452	0.00563	0.00199	0.0346	0.0194	0.00000504	20	0.0000166	0.000394
2098 Jun	103	0.0979	0.268	0.00275	25.1	0.04	25.3	0.00117	0.000854	0.00000453	0.00564	0.00201	0.0337	0.0199	0.00000504	20.3	0.0000167	0.000392
2098 Jul	103	0.0983	0.269	0.00276	25.2	0.0402	25.4	0.00118	0.000857	0.00000455	0.00567	0.00202	0.0338	0.02	0.00000506	20.4	0.0000168	0.000394
2098 Aug	104	0.0984	0.269	0.00277	25.4	0.0404	25.7	0.00118	0.000858	0.00000456	0.00568	0.00202	0.0341	0.02	0.00000507	20.5	0.0000169	0.000397
2098 Sep	104	0.098	0.268	0.00276	25.6	0.0405	25.9	0.00118	0.000855	0.00000455	0.00567	0.00202	0.0343	0.02	0.00000506	20.5	0.0000169	0.000398
2098 Oct	103	0.0977	0.266	0.00274	25.2	0.0403	25.7	0.00118	0.000851	0.00000452	0.00565	0.00202	0.034	0.0198	0.00000504	20.3	0.0000167	0.000394
2098 Nov	103	0.0975	0.265	0.00274	25	0.0402	25.6	0.00118	0.000848	0.00000451	0.00563	0.00202	0.0339	0.0197	0.00000502	20.2	0.0000166	0.000392
2098 Dec	103	0.0975	0.265	0.00274	25	0.0402	25.6	0.00118	0.000848	0.00000451	0.00563	0.00202	0.0339	0.0197	0.00000502	20.2	0.0000166	0.000392
2099 Jan	103	0.0976	0.265	0.00274	25	0.0402	25.6	0.00118	0.000848	0.00000451	0.00563	0.00202	0.0339	0.0197	0.00000502	20.2	0.0000166	0.000392
2099 Feb	103	0.0976	0.265	0.00274	25	0.0402	25.6	0.00118	0.000848	0.00000451	0.00563	0.00202	0.0339	0.0197	0.00000502	20.2	0.0000166	0.000392
2099 Mar	103	0.0976	0.265	0.00274	25	0.0402	25.6	0.00118	0.000849	0.00000451	0.00563	0.00202	0.0339	0.0197	0.00000502	20.2	0.0000166	0.000392
2099 Apr	103	0.0976	0.265	0.00274	25	0.0403	25.6	0.00118	0.000849	0.00000451	0.00563	0.00202	0.0339	0.0197	0.00000503	20.2	0.0000166	0.000392
2099 May	102	0.0973	0.262	0.00271	24.7	0.0398	25.4	0.00117	0.000841	0.00000447	0.00557	0.00202	0.0335	0.0198	0.00000498	20.2	0.0000165	0.00039
2099 Jun	101	0.0966	0.258	0.00269	24.4	0.0393	25.3	0.00116	0.000827	0.0000044	0.00548	0.00202	0.0333	0.0197	0.00000491	20.2	0.0000163	0.000388
2099 Jul	102	0.097	0.259	0.0027	24.5	0.0396	25.5	0.00117	0.000831	0.00000442	0.0055	0.00203	0.0336	0.0197	0.00000494	20.3	0.0000163	0.00039
2099 Aug	103	0.0974	0.26	0.00271	24.8	0.0398	25.8	0.00117	0.000834	0.00000444	0.00553	0.00204	0.0339	0.0198	0.00000496	20.4	0.0000164	0.000394
2099 Sep	103	0.0972	0.26	0.00271	25	0.04	26	0.00117	0.000833	0.00000444	0.00553	0.00204	0.0341	0.0198	0.00000496	20.4	0.0000164	0.000395
2099 Oct	104	0.097	0.259	0.0027	25	0.04	26.1	0.00117	0.000831	0.00000443	0.00553	0.00204	0.0342	0.0198	0.00000495	20.4	0.0000164	0.000396
2099 Nov	103	0.097	0.258	0.00269	25	0.04	26.1	0.00117	0.00083	0.00000442	0.00552	0.00204	0.0341	0.0197	0.00000494	20.4	0.0000164	0.000395
2099 Dec	103	0.097	0.258	0.00269	25	0.04	26.1	0.00117	0.00083	0.00000442	0.00552	0.00204	0.0341	0.0198	0.00000494	20.4	0.0000164	0.000395
2100 Jan	103	0.097	0.258	0.00269	25	0.04	26.1	0.00117	0.00083	0.00000442	0.00552	0.00204	0.0341	0.0198	0.00000494	20.4	0.0000164	0.000395
2100 Feb	103	0.097	0.258	0.00269	25	0.04	26.1	0.00117	0.00083	0.00000442	0.00552	0.00204	0.0341	0.0198	0.00000494	20.4	0.0000164	0.000395
2100 Mar	103	0.097	0.258	0.00269	25	0.04	26.1	0.00117	0.00083	0.00000442	0.00552	0.00204	0.0341	0.0198	0.00000494	20.4	0.0000164	0.000395
2100 Apr	103	0.097	0.258	0.0027	25	0.04	26.1	0.00117	0.00083	0.00000442	0.00552	0.00204	0.0342	0.0198	0.00000495	20.4	0.0000164	0.000396
2100 May	103	0.0971	0.258	0.00269	24.9	0.04	26	0.00117	0.000831	0.00000443	0.00553	0.00204	0.0341	0.0198	0.00000495	20.4	0.0000164	0.000396
2100 Jun	101	0.0957	0.251	0.00265	24.2	0.0391	25.6	0.00116	0.000814	0.00000434	0.0054	0.00204	0.0334	0.0197	0.00000486	20.3	0.0000161	0.000391
2100 Jul	102	0.0956	0.251	0.00265	24.3	0.0391	25.8	0.00116	0.000811	0.00000433	0.00539	0.00204	0.0336	0.0197	0.00000485	20.3	0.0000161	0.000392
2100 Aug	102	0.0954	0.25	0.00265	24.4	0.0392	26.1	0.00116	0.00081	0.00000432	0.00538	0.00205	0.0339	0.0196	0.00000485	20.3	0.0000161	0.000394
2100 Sep	102	0.0951	0.25	0.00264	24.4	0.0393	26.2	0.00116	0.000808	0.00000431	0.00537	0.00205	0.034	0.0196	0.00000484	20.3	0.0000161	0.000394
2100 Oct	103	0.095	0.25	0.00264	24.5	0.0393	26.2	0.00116	0.000807	0.00000431	0.00537	0.00205	0.034	0.0195	0.00000484	20.3	0.0000161	0.000394

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2100 Nov	103	0.095	0.25	0.00264	24.5	0.0393	26.2	0.00116	0.000807	0.00000431	0.00537	0.00205	0.034	0.0195	0.00000484	20.3	0.0000161	0.000394
2100 Dec	103	0.095	0.25	0.00264	24.5	0.0393	26.2	0.00116	0.000807	0.00000431	0.00537	0.00205	0.034	0.0195	0.00000484	20.3	0.0000161	0.000394
2101 Jan	103	0.095	0.25	0.00264	24.5	0.0393	26.2	0.00116	0.000807	0.00000431	0.00537	0.00205	0.034	0.0195	0.00000484	20.3	0.0000161	0.000394
2101 Feb	103	0.095	0.25	0.00264	24.5	0.0393	26.2	0.00116	0.000807	0.00000431	0.00537	0.00205	0.034	0.0195	0.00000484	20.3	0.0000161	0.000394
2101 Mar	103	0.095	0.25	0.00264	24.5	0.0393	26.2	0.00116	0.000807	0.00000431	0.00537	0.00205	0.034	0.0195	0.00000484	20.3	0.0000161	0.000394
2101 Apr	103	0.0951	0.25	0.00264	24.5	0.0393	26.2	0.00116	0.000807	0.00000431	0.00537	0.00205	0.0341	0.0195	0.00000484	20.3	0.0000161	0.000394
2101 May	102	0.0949	0.249	0.00264	24.4	0.0392	26.2	0.00116	0.000806	0.00000431	0.00536	0.00205	0.034	0.0195	0.00000484	20.2	0.000016	0.000394
2101 Jun	101	0.0934	0.245	0.00261	23.8	0.0386	26	0.00115	0.000794	0.00000424	0.00526	0.00205	0.0336	0.0193	0.00000477	20	0.0000158	0.00039
2101 Jul	102	0.0937	0.246	0.00262	24	0.0388	26.2	0.00116	0.000796	0.00000426	0.00528	0.00206	0.0338	0.0194	0.00000479	20.1	0.0000159	0.000392
2101 Aug	102	0.0941	0.247	0.00264	24.2	0.0391	26.4	0.00116	0.0008	0.00000428	0.0053	0.00207	0.0341	0.0195	0.00000482	20.2	0.000016	0.000394
2101 Sep	103	0.094	0.247	0.00263	24.4	0.0392	26.6	0.00116	0.000799	0.00000428	0.0053	0.00207	0.0343	0.0194	0.00000482	20.3	0.000016	0.000396
2101 Oct	103	0.0939	0.247	0.00263	24.4	0.0393	26.7	0.00116	0.000799	0.00000428	0.00531	0.00207	0.0344	0.0194	0.00000482	20.3	0.000016	0.000397
2101 Nov	103	0.0938	0.246	0.00263	24.5	0.0393	26.8	0.00116	0.000797	0.00000427	0.0053	0.00207	0.0345	0.0194	0.00000481	20.3	0.000016	0.000397
2101 Dec	103	0.0938	0.246	0.00263	24.5	0.0393	26.8	0.00116	0.000797	0.00000427	0.0053	0.00207	0.0345	0.0194	0.00000481	20.3	0.000016	0.000397
2102 Jan	103	0.0938	0.246	0.00263	24.5	0.0393	26.8	0.00116	0.000797	0.00000427	0.0053	0.00207	0.0345	0.0194	0.00000481	20.3	0.000016	0.000397
2102 Feb	103	0.0938	0.246	0.00263	24.5	0.0393	26.8	0.00116	0.000797	0.00000427	0.0053	0.00207	0.0345	0.0194	0.00000481	20.3	0.000016	0.000397
2102 Mar	103	0.0938	0.246	0.00263	24.5	0.0393	26.8	0.00116	0.000797	0.00000427	0.0053	0.00207	0.0345	0.0194	0.00000481	20.3	0.000016	0.000397
2102 Apr	103	0.0938	0.246	0.00263	24.5	0.0393	26.8	0.00116	0.000798	0.00000427	0.0053	0.00207	0.0345	0.0194	0.00000481	20.3	0.000016	0.000397
2102 May	103	0.0939	0.246	0.00263	24.5	0.0394	26.8	0.00116	0.000799	0.00000428	0.00531	0.00207	0.0345	0.0194	0.00000482	20.3	0.000016	0.000398
2102 Jun	102	0.0921	0.242	0.00261	23.9	0.039	26.5	0.00116	0.000797	0.00000427	0.00531	0.00206	0.0342	0.019	0.00000481	19.9	0.000016	0.000392
2102 Jul	100	0.0908	0.239	0.0026	23.4	0.0388	26.3	0.00117	0.000795	0.00000426	0.00531	0.00205	0.0341	0.0186	0.0000048	19.6	0.000016	0.000388
2102 Aug	101	0.091	0.24	0.0026	23.6	0.039	26.6	0.00117	0.000797	0.00000427	0.00533	0.00206	0.0344	0.0186	0.00000481	19.7	0.0000161	0.000391
2102 Sep	102	0.0911	0.24	0.0026	23.8	0.0391	26.7	0.00117	0.000798	0.00000427	0.00534	0.00206	0.0345	0.0186	0.00000482	19.7	0.0000161	0.000392
2102 Oct	102	0.0908	0.239	0.00259	23.9	0.0392	26.9	0.00117	0.000795	0.00000426	0.00533	0.00206	0.0347	0.0186	0.00000481	19.7	0.0000161	0.000393
2102 Nov	102	0.0908	0.239	0.00259	23.9	0.0392	26.9	0.00117	0.000796	0.00000426	0.00533	0.00206	0.0347	0.0186	0.00000481	19.7	0.0000161	0.000393
2102 Dec	102	0.0908	0.239	0.00259	23.9	0.0392	26.9	0.00117	0.000796	0.00000426	0.00533	0.00206	0.0347	0.0186	0.00000481	19.7	0.0000161	0.000393
2103 Jan	102	0.0908	0.239	0.00259	23.9	0.0392	26.9	0.00117	0.000796	0.00000426	0.00533	0.00206	0.0347	0.0186	0.00000481	19.7	0.0000161	0.000393
2103 Feb	102	0.0908	0.239	0.00259	23.9	0.0392	26.9	0.00117	0.000796	0.00000426	0.00533	0.00206	0.0347	0.0186	0.00000481	19.7	0.0000161	0.000393
2103 Mar	102	0.0908	0.239	0.00259	23.9	0.0392	26.9	0.00117	0.000796	0.00000426	0.00533	0.00206	0.0347	0.0186	0.00000481	19.7	0.0000161	0.000393
2103 Apr	102	0.0909	0.239	0.0026	23.9	0.0392	26.9	0.00117	0.000796	0.00000427	0.00533	0.00206	0.0347	0.0186	0.00000481	19.7	0.0000161	0.000393
2103 May	102	0.0908	0.238	0.0026	23.8	0.0392	26.8	0.00117	0.000798	0.00000427	0.00535	0.00207	0.0346	0.0186	0.00000482	19.7	0.0000162	0.000393
2103 Jun	99.6	0.089	0.233	0.00256	23	0.0385	26.4	0.00117	0.000789	0.00000423	0.00529	0.00206	0.034	0.0182	0.00000477	19.4	0.000016	0.000386
2103 Jul	99.7	0.0887	0.232	0.00256	22.9	0.0385	26.5	0.00117	0.000786	0.00000422	0.00527	0.00206	0.0342	0.0181	0.00000476	19.3	0.000016	0.000386
2103 Aug	100	0.0884	0.232	0.00256	23.1	0.0386	26.7	0.00117	0.000785	0.00000421	0.00527	0.00207	0.0344	0.0181	0.00000476	19.3	0.000016	0.000388
2103 Sep	100	0.088	0.231	0.00255	23	0.0387	26.8	0.00117	0.000783	0.0000042	0.00525	0.00207	0.0344	0.0179	0.00000475	19.2	0.0000159	0.000387
2103 Oct	98.7	0.0873	0.228	0.00253	22.6	0.0385	26.7	0.00117	0.000774	0.00000416	0.00519	0.00206	0.0342	0.0175	0.00000471	18.9	0.0000157	0.000381
2103 Nov	98.4	0.0871	0.228	0.00253	22.4	0.0385	26.6	0.00117	0.000771	0.00000414	0.00517	0.00205	0.0342	0.0174	0.0000047	18.8	0.0000156	0.00038
2103 Dec	98.4	0.0871	0.228	0.00253	22.4	0.0385	26.6	0.00117	0.000771	0.00000414	0.00517	0.00205	0.0342	0.0174	0.0000047	18.8	0.0000156	0.00038
2104 Jan	98.4	0.0871	0.228	0.00253	22.4	0.0385	26.6	0.00117	0.000771	0.00000414	0.00517	0.00206	0.0342	0.0174	0.0000047	18.8	0.0000156	0.00038
2104 Feb	98.4	0.0871	0.228	0.00253	22.4	0.0385	26.6	0.00117	0.000771	0.00000414	0.00517	0.00206	0.0342	0.0174	0.0000047	18.8	0.0000156	0.00038
2104 Mar	98.4	0.0872	0.228	0.00253	22.4	0.0385	26.6	0.00117	0.000771	0.00000414	0.00517	0.00206	0.0342	0.0174	0.0000047	18.8	0.0000156	0.00038
2104 Apr	98.4	0.0872	0.228	0.00253	22.5	0.0385	26.6	0.00117	0.000772	0.00000415	0.00518	0.00206	0.0342	0.0174	0.0000047	18.8	0.0000156	0.00038
2104 May	98.3	0.0872	0.227	0.00253	22.4	0.0384	26.6	0.00117	0.000771	0.00000414	0.00517	0.00206	0.0341	0.0174	0.00000469	18.8	0.0000156	0.000379
2104 Jun	97.1	0.0861	0.222	0.00249	21.9	0.0378	26.5	0.00116	0.000752	0.00000405	0.00505	0.00206	0.0338	0.0172	0.0000046	18.6	0.0000153	0.000375
2104 Jul	97.7	0.0862	0.223	0.00249	22.1	0.038	26.8	0.00116	0.000752	0.00000405	0.00505	0.00206	0.034	0.0172	0.00000461	18.7	0.0000153	0.000377
2104 Aug	98.5	0.0863	0.223	0.0025	22.3	0.0382	27	0.00116	0.000754	0.00000406	0.00507	0.00207	0.0343	0.0173	0.00000462	18.8	0.0000154	0.00038
2104 Sep	98.9	0.0862	0.222	0.00249	22.4	0.0383	27.2	0.00116	0.000753	0.00000406	0.00507	0.00207	0.0345	0.0173	0.00000462	18.8	0.0000154	0.000381
2104 Oct	98.6	0.086	0.221	0.00248	22.3	0.0383	27.2	0.00116	0.00075	0.00000404	0.00505	0.00207	0.0345	0.0171	0.00000461	18.7	0.0000153	0.00038
2104 Nov	98.4	0.086	0.221	0.00248	22.2	0.0383	27.2	0.00116	0.000749	0.00000404	0.00504	0.00207	0.0344	0.0171	0.0000046	18.7	0.0000153	0.000379
2104 Dec	98.4	0.086	0.221	0.00248	22.2	0.0383	27.2	0.00116	0.000749	0.00000404	0.00504	0.00207	0.0344	0.0171	0.0000046	18.7	0.0000153	0.000379
2105 Jan	98.4	0.086	0.221	0.00248	22.2	0.0383	27.2	0.00116	0.000749	0.00000404	0.00504	0.00207	0.0344	0.0171	0.0000046	18.7	0.0000153	0.000379
2105 Feb	98.4	0.086	0.221	0.00248	22.2	0.0383	27.2	0.00116	0.000749	0.00000404	0.00504	0.00207	0.0344	0.0171	0.0000046	18.7	0.0000153	0.000379
2105 Mar	98.4	0.086	0.221	0.00248	22.2	0.0383	27.2	0.00116	0.000749	0.00000404	0.00504	0.00207	0.0344	0.0171	0.0000046	18.7	0.0000153	0.000379
2105 Apr	98.4	0.086	0.221	0.00248	22.2	0.0383	27.2	0.00116	0.000749	0.00000404	0.00505	0.00207	0.0344	0.0171	0.0000046	18.7	0.0000153	0.000379
2105 May	98.4	0.0861	0.22	0.00248	22.2	0.0383	27.2	0.00116	0.000749	0.00000404	0.00505	0.00208	0.0344	0.0171	0.0000046	18.7	0.0000153	0.00038
2105 Jun	98.3	0.086	0.219	0.00247	22.1	0.0382	27.2	0.00116	0.000746	0.00000403	0.00503	0.00208	0.0343	0.0172	0.00000459	18.8	0.0000152	0.00038

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2105 Jul	99.1	0.0863	0.219	0.00248	22.3	0.0385	27.4	0.00117	0.000749	0.00000404	0.00505	0.00209	0.0346	0.0173	0.00000461	18.9	0.0000153	0.000382
2105 Aug	99.9	0.0861	0.218	0.00248	22.5	0.0387	27.7	0.00117	0.000748	0.00000404	0.00505	0.0021	0.0349	0.0173	0.00000461	18.9	0.0000153	0.000385
2105 Sep	99.3	0.0857	0.217	0.00247	22.3	0.0387	27.7	0.00117	0.000746	0.00000403	0.00502	0.00211	0.0348	0.0172	0.0000046	18.9	0.0000151	0.000383
2105 Oct	98.7	0.0856	0.215	0.00246	22	0.0386	27.7	0.00117	0.000741	0.000004	0.00498	0.00211	0.0347	0.017	0.00000458	18.7	0.000015	0.00038
2105 Nov	98.4	0.0855	0.215	0.00245	21.9	0.0386	27.6	0.00117	0.000738	0.00000399	0.00496	0.00211	0.0347	0.0169	0.00000457	18.7	0.0000149	0.000379
2105 Dec	98.4	0.0855	0.215	0.00245	21.9	0.0386	27.6	0.00117	0.000738	0.00000399	0.00497	0.00211	0.0347	0.0169	0.00000457	18.7	0.0000149	0.000379
2106 Jan	98.4	0.0855	0.215	0.00245	21.9	0.0386	27.6	0.00117	0.000738	0.00000399	0.00497	0.00211	0.0347	0.0169	0.00000457	18.7	0.0000149	0.000379
2106 Feb	98.4	0.0855	0.215	0.00245	21.9	0.0386	27.6	0.00117	0.000738	0.00000399	0.00497	0.00211	0.0347	0.0169	0.00000457	18.7	0.0000149	0.000379
2106 Mar	98.4	0.0855	0.215	0.00245	21.9	0.0386	27.6	0.00117	0.000738	0.00000399	0.00497	0.00211	0.0347	0.0169	0.00000457	18.7	0.0000149	0.000379
2106 Apr	98.5	0.0856	0.215	0.00246	21.9	0.0386	27.6	0.00117	0.000739	0.00000399	0.00497	0.00211	0.0347	0.0169	0.00000457	18.7	0.0000149	0.000379
2106 May	98.6	0.0857	0.215	0.00246	22	0.0387	27.7	0.00117	0.00074	0.000004	0.00497	0.00211	0.0347	0.017	0.00000457	18.7	0.0000149	0.00038
2106 Jun	97.5	0.0848	0.21	0.00242	21.5	0.0382	27.5	0.00117	0.000728	0.00000394	0.0049	0.00211	0.0344	0.0168	0.00000451	18.6	0.0000147	0.000377
2106 Jul	98	0.0848	0.21	0.00243	21.6	0.0383	27.8	0.00117	0.000727	0.00000394	0.0049	0.00212	0.0346	0.0168	0.00000452	18.6	0.0000147	0.000378
2106 Aug	98.9	0.0847	0.21	0.00242	21.8	0.0385	28.1	0.00117	0.000727	0.00000394	0.00491	0.00212	0.0349	0.0168	0.00000452	18.7	0.0000148	0.000381
2106 Sep	98.9	0.0844	0.209	0.00242	21.8	0.0386	28.2	0.00117	0.000726	0.00000394	0.0049	0.00213	0.035	0.0167	0.00000452	18.6	0.0000148	0.000381
2106 Oct	98.8	0.0842	0.208	0.00242	21.7	0.0387	28.2	0.00117	0.000725	0.00000393	0.0049	0.00213	0.0351	0.0166	0.00000452	18.6	0.0000147	0.00038
2106 Nov	98.8	0.0843	0.208	0.00242	21.7	0.0387	28.2	0.00117	0.000725	0.00000394	0.0049	0.00213	0.0351	0.0166	0.00000452	18.6	0.0000147	0.000381
2106 Dec	98.8	0.0843	0.208	0.00242	21.7	0.0387	28.2	0.00117	0.000725	0.00000394	0.0049	0.00213	0.0351	0.0166	0.00000452	18.6	0.0000147	0.000381
2107 Jan	98.8	0.0843	0.208	0.00242	21.7	0.0387	28.2	0.00117	0.000725	0.00000394	0.0049	0.00213	0.0351	0.0166	0.00000452	18.6	0.0000147	0.000381
2107 Feb	98.8	0.0843	0.208	0.00242	21.7	0.0387	28.2	0.00117	0.000725	0.00000394	0.0049	0.00213	0.0351	0.0166	0.00000452	18.6	0.0000147	0.000381
2107 Mar	98.8	0.0843	0.208	0.00242	21.7	0.0387	28.2	0.00117	0.000725	0.00000394	0.0049	0.00213	0.0351	0.0166	0.00000452	18.6	0.0000147	0.000381
2107 Apr	98.8	0.0843	0.208	0.00242	21.7	0.0387	28.2	0.00117	0.000726	0.00000394	0.0049	0.00213	0.0351	0.0166	0.00000452	18.6	0.0000147	0.000381
2107 May	98.8	0.0843	0.208	0.00242	21.7	0.0387	28.2	0.00117	0.000726	0.00000394	0.0049	0.00213	0.0351	0.0167	0.00000453	18.6	0.0000147	0.000381
2107 Jun	98.5	0.0839	0.206	0.00241	21.5	0.0386	28.2	0.00118	0.000725	0.00000393	0.00489	0.00214	0.0349	0.0167	0.00000452	18.7	0.0000147	0.00038
2107 Jul	99.4	0.0841	0.206	0.00241	21.8	0.0388	28.5	0.00118	0.000726	0.00000394	0.00491	0.00215	0.0352	0.0167	0.00000453	18.7	0.0000148	0.000383
2107 Aug	100	0.0843	0.207	0.00242	21.9	0.039	28.7	0.00118	0.000729	0.00000396	0.00493	0.00216	0.0355	0.0168	0.00000455	18.8	0.0000148	0.000386
2107 Sep	101	0.0843	0.207	0.00242	22.1	0.0392	28.9	0.00118	0.000729	0.00000396	0.00493	0.00216	0.0357	0.0168	0.00000456	18.9	0.0000149	0.000387
2107 Oct	101	0.0843	0.206	0.00242	22.2	0.0392	29	0.00118	0.000729	0.00000396	0.00494	0.00216	0.0358	0.0168	0.00000456	18.9	0.0000149	0.000388
2107 Nov	101	0.0843	0.206	0.00242	22.2	0.0392	29	0.00118	0.000729	0.00000396	0.00494	0.00216	0.0358	0.0168	0.00000456	18.9	0.0000149	0.000388
2107 Dec	101	0.0843	0.206	0.00242	22.2	0.0392	29	0.00118	0.000729	0.00000396	0.00494	0.00216	0.0358	0.0168	0.00000456	18.9	0.0000149	0.000388
2108 Jan	101	0.0843	0.206	0.00242	22.2	0.0392	29	0.00118	0.000729	0.00000396	0.00494	0.00216	0.0358	0.0168	0.00000456	18.9	0.0000149	0.000388
2108 Feb	101	0.0843	0.206	0.00242	22.2	0.0392	29	0.00118	0.000729	0.00000396	0.00494	0.00216	0.0358	0.0168	0.00000456	18.9	0.0000149	0.000388
2108 Mar	101	0.0843	0.206	0.00242	22.2	0.0392	29	0.00118	0.000729	0.00000396	0.00494	0.00216	0.0358	0.0168	0.00000456	18.9	0.0000149	0.000388
2108 Apr	101	0.0844	0.207	0.00242	22.2	0.0393	29	0.00118	0.00073	0.00000396	0.00494	0.00217	0.0358	0.0168	0.00000456	18.9	0.0000149	0.000388
2108 May	101	0.0845	0.207	0.00242	22.3	0.0394	29.1	0.00119	0.000731	0.00000397	0.00495	0.00217	0.0359	0.0169	0.00000457	19	0.0000149	0.000389
2108 Jun	101	0.0845	0.205	0.00242	22.2	0.0395	29	0.0012	0.000739	0.00000401	0.00501	0.00218	0.0359	0.017	0.00000461	19.1	0.0000151	0.000391
2108 Jul	102	0.0849	0.206	0.00243	22.3	0.0397	29.2	0.0012	0.000744	0.00000404	0.00505	0.0022	0.0361	0.0171	0.00000464	19.2	0.0000152	0.000393
2108 Aug	103	0.0853	0.207	0.00244	22.5	0.04	29.5	0.00121	0.000748	0.00000406	0.00508	0.00221	0.0364	0.0172	0.00000467	19.3	0.0000153	0.000396
2108 Sep	103	0.0853	0.207	0.00244	22.7	0.0402	29.7	0.00121	0.000748	0.00000406	0.00509	0.00221	0.0366	0.0172	0.00000467	19.4	0.0000153	0.000398
2108 Oct	104	0.085	0.206	0.00243	22.8	0.0402	29.8	0.00121	0.000746	0.00000405	0.00508	0.00221	0.0367	0.0172	0.00000466	19.4	0.0000153	0.000399
2108 Nov	104	0.085	0.205	0.00243	22.9	0.0402	29.8	0.0012	0.000745	0.00000405	0.00508	0.00221	0.0367	0.0172	0.00000466	19.4	0.0000153	0.000399
2108 Dec	104	0.085	0.205	0.00243	22.9	0.0402	29.8	0.0012	0.000745	0.00000405	0.00508	0.00221	0.0367	0.0172	0.00000466	19.4	0.0000153	0.000399
2109 Jan	104	0.085	0.205	0.00243	22.9	0.0402	29.8	0.0012	0.000745	0.00000405	0.00508	0.00221	0.0367	0.0172	0.00000466	19.4	0.0000153	0.000399
2109 Feb	104	0.085	0.205	0.00243	22.9	0.0402	29.8	0.0012	0.000745	0.00000405	0.00508	0.00221	0.0367	0.0172	0.00000466	19.4	0.0000153	0.000399
2109 Mar	104	0.085	0.205	0.00243	22.9	0.0402	29.8	0.00121	0.000745	0.00000405	0.00508	0.00221	0.0367	0.0172	0.00000466	19.4	0.0000153	0.000399
2109 Apr	104	0.085	0.206	0.00243	22.9	0.0402	29.9	0.00121	0.000746	0.00000405	0.00509	0.00221	0.0367	0.0172	0.00000466	19.4	0.0000153	0.000399
2109 May	104	0.0854	0.205	0.00244	22.9	0.0404	29.8	0.00121	0.000753	0.00000409	0.00514	0.00222	0.0367	0.0174	0.0000047	19.5	0.0000155	0.0004
2109 Jun	104	0.0862	0.203	0.00244	22.8	0.0406	29.6	0.00123	0.000769	0.00000417	0.00525	0.00224	0.0365	0.0178	0.00000477	19.9	0.0000157	0.000403
2109 Jul	105	0.0864	0.203	0.00245	23	0.0408	29.9	0.00124	0.000771	0.00000418	0.00527	0.00225	0.0368	0.0179	0.00000479	20	0.0000158	0.000406
2109 Aug	106	0.0866	0.204	0.00245	23.2	0.0411	30.2	0.00124	0.000774	0.00000419	0.00529	0.00226	0.0371	0.0179	0.00000481	20	0.0000159	0.000408
2109 Sep	106	0.0866	0.204	0.00245	23.4	0.0412	30.3	0.00124	0.000775	0.0000042	0.00531	0.00226	0.0373	0.018	0.00000481	20.1	0.0000159	0.00041
2109 Oct	106	0.0872	0.202	0.00245	23.2	0.0414	30.1	0.00125	0.000786	0.00000425	0.00539	0.00227	0.037	0.0182	0.00000486	20.2	0.0000161	0.000409
2109 Nov	106	0.0873	0.202	0.00245	23.2	0.0414	30.1	0.00126	0.000787	0.00000426	0.0054	0.00228	0.037	0.0182	0.00000487	20.3	0.0000161	0.000409
2109 Dec	106	0.0873	0.202	0.00245	23.2	0.0414	30.1	0.00126	0.000788	0.00000426	0.0054	0.00228	0.037	0.0182	0.00000487	20.3	0.0000161	0.000409
2110 Jan	106	0.0873	0.202	0.00245	23.2	0.0414	30.1	0.00126	0.000788	0.00000426	0.0054	0.00228	0.037	0.0182	0.00000487	20.3	0.0000161	0.000409
2110 Feb	106	0.0873	0.202	0.00245	23.2	0.0414	30.1	0.00126	0.000788	0.00000426	0.0054	0.00228	0.037	0.0182	0.00000487	20.3	0.0000161	0.000409

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2110 Mar	106	0.0873	0.202	0.00245	23.2	0.0414	30.1	0.00126	0.000788	0.00000426	0.0054	0.00228	0.037	0.0182	0.00000487	20.3	0.0000161	0.000409
2110 Apr	106	0.0873	0.202	0.00245	23.2	0.0415	30.1	0.00126	0.000788	0.00000426	0.0054	0.00228	0.037	0.0182	0.00000487	20.3	0.0000161	0.00041
2110 May	106	0.0875	0.202	0.00245	23.2	0.0415	30.1	0.00126	0.00079	0.00000427	0.00541	0.00228	0.037	0.0183	0.00000488	20.3	0.0000161	0.00041
2110 Jun	105	0.0878	0.198	0.00243	22.6	0.0411	29.6	0.00127	0.000798	0.0000043	0.00547	0.0023	0.0363	0.0187	0.00000491	20.6	0.0000162	0.000408
2110 Jul	106	0.0879	0.198	0.00244	22.7	0.0413	29.8	0.00128	0.0008	0.00000431	0.00548	0.00231	0.0365	0.0187	0.00000492	20.7	0.0000163	0.00041
2110 Aug	105	0.0868	0.196	0.00242	22.4	0.0411	29.7	0.00128	0.000794	0.00000429	0.00544	0.00231	0.0363	0.0185	0.00000489	20.5	0.0000162	0.000406
2110 Sep	103	0.0855	0.193	0.0024	21.9	0.0407	29.5	0.00127	0.00078	0.00000421	0.00533	0.0023	0.036	0.018	0.00000482	20.1	0.0000158	0.0004
2110 Oct	101	0.0846	0.191	0.00237	21.3	0.0403	29.3	0.00126	0.000763	0.00000413	0.00521	0.00228	0.0357	0.0174	0.00000474	19.6	0.0000154	0.000392
2110 Nov	101	0.0844	0.19	0.00237	21.2	0.0402	29.3	0.00126	0.000758	0.00000411	0.00519	0.00228	0.0356	0.0173	0.00000472	19.5	0.0000153	0.00039
2110 Dec	101	0.0844	0.19	0.00237	21.2	0.0402	29.3	0.00126	0.000758	0.00000411	0.00519	0.00228	0.0356	0.0173	0.00000472	19.5	0.0000153	0.00039
2111 Jan	101	0.0844	0.19	0.00237	21.2	0.0402	29.3	0.00126	0.000758	0.00000411	0.00519	0.00228	0.0356	0.0173	0.00000472	19.5	0.0000153	0.00039
2111 Feb	101	0.0844	0.19	0.00237	21.2	0.0402	29.3	0.00126	0.000758	0.00000411	0.00519	0.00228	0.0356	0.0173	0.00000472	19.5	0.0000153	0.00039
2111 Mar	101	0.0844	0.19	0.00237	21.2	0.0402	29.3	0.00126	0.000758	0.00000411	0.00519	0.00228	0.0356	0.0173	0.00000472	19.5	0.0000153	0.00039
2111 Apr	101	0.0845	0.19	0.00237	21.2	0.0402	29.3	0.00126	0.000759	0.00000411	0.00519	0.00228	0.0357	0.0173	0.00000472	19.5	0.0000153	0.000391
2111 May	101	0.0845	0.19	0.00237	21.2	0.0402	29.4	0.00126	0.000758	0.00000411	0.00519	0.00228	0.0357	0.0173	0.00000472	19.6	0.0000153	0.000391
2111 Jun	100	0.084	0.187	0.00234	20.9	0.0397	29.3	0.00125	0.000744	0.00000404	0.0051	0.00228	0.0354	0.0172	0.00000465	19.5	0.0000151	0.000389
2111 Jul	101	0.0844	0.188	0.00235	21.1	0.04	29.5	0.00125	0.000747	0.00000406	0.00513	0.00229	0.0357	0.0173	0.00000467	19.6	0.0000152	0.000391
2111 Aug	102	0.0842	0.187	0.00234	21.3	0.0401	29.8	0.00125	0.000746	0.00000405	0.00513	0.00229	0.036	0.0173	0.00000467	19.6	0.0000152	0.000394
2111 Sep	102	0.084	0.187	0.00234	21.3	0.0402	29.9	0.00125	0.000745	0.00000405	0.00512	0.0023	0.0361	0.0173	0.00000467	19.6	0.0000152	0.000394
2111 Oct	101	0.0837	0.185	0.00233	21.1	0.0401	29.9	0.00125	0.00074	0.00000403	0.00509	0.0023	0.036	0.0171	0.00000464	19.5	0.0000151	0.000392
2111 Nov	101	0.0835	0.184	0.00232	20.9	0.04	29.8	0.00125	0.000736	0.000004	0.00506	0.00229	0.0358	0.017	0.00000462	19.4	0.0000149	0.00039
2111 Dec	101	0.0835	0.184	0.00232	20.9	0.04	29.8	0.00125	0.000736	0.000004	0.00506	0.00229	0.0358	0.017	0.00000462	19.4	0.0000149	0.00039
2112 Jan	101	0.0835	0.184	0.00232	20.9	0.04	29.8	0.00125	0.000736	0.000004	0.00506	0.00229	0.0358	0.017	0.00000462	19.4	0.0000149	0.00039
2112 Feb	101	0.0835	0.184	0.00232	20.9	0.04	29.8	0.00125	0.000736	0.000004	0.00506	0.00229	0.0358	0.017	0.00000462	19.4	0.0000149	0.00039
2112 Mar	101	0.0835	0.184	0.00232	20.9	0.04	29.8	0.00125	0.000736	0.000004	0.00506	0.00229	0.0358	0.017	0.00000462	19.4	0.0000149	0.00039
2112 Apr	101	0.0836	0.185	0.00232	21	0.04	29.9	0.00125	0.000737	0.00000401	0.00506	0.0023	0.0359	0.017	0.00000463	19.4	0.000015	0.00039
2112 May	101	0.0836	0.184	0.00232	20.9	0.04	29.8	0.00125	0.000736	0.00000401	0.00506	0.0023	0.0358	0.017	0.00000462	19.5	0.000015	0.000391
2112 Jun	99.9	0.082	0.179	0.00227	20.4	0.0389	29.7	0.00124	0.000713	0.00000389	0.00492	0.0023	0.0353	0.017	0.00000451	19.4	0.0000147	0.000388
2112 Jul	100	0.0816	0.178	0.00226	20.5	0.0388	29.9	0.00124	0.000709	0.00000387	0.00489	0.0023	0.0355	0.0169	0.0000045	19.4	0.0000147	0.000389
2112 Aug	101	0.0818	0.179	0.00227	20.7	0.0391	30.2	0.00124	0.000711	0.00000389	0.00491	0.00231	0.0358	0.017	0.00000451	19.5	0.0000148	0.000392
2112 Sep	102	0.0818	0.178	0.00227	20.8	0.0392	30.4	0.00124	0.000711	0.00000389	0.00492	0.00231	0.036	0.017	0.00000451	19.5	0.0000148	0.000394
2112 Oct	102	0.0817	0.178	0.00227	20.9	0.0392	30.4	0.00124	0.00071	0.00000388	0.00492	0.00231	0.036	0.0169	0.00000451	19.5	0.0000148	0.000394
2112 Nov	102	0.0817	0.178	0.00227	20.9	0.0392	30.5	0.00124	0.00071	0.00000388	0.00492	0.00232	0.036	0.0169	0.00000451	19.5	0.0000148	0.000394
2112 Dec	102	0.0817	0.178	0.00227	20.9	0.0392	30.5	0.00124	0.00071	0.00000388	0.00492	0.00232	0.0361	0.0169	0.00000451	19.5	0.0000148	0.000394
2113 Jan	102	0.0817	0.178	0.00227	20.9	0.0392	30.5	0.00124	0.00071	0.00000388	0.00492	0.00232	0.0361	0.0169	0.00000451	19.5	0.0000148	0.000394
2113 Feb	102	0.0817	0.178	0.00227	20.9	0.0393	30.5	0.00124	0.00071	0.00000388	0.00492	0.00232	0.0361	0.0169	0.00000451	19.5	0.0000148	0.000394
2113 Mar	102	0.0817	0.178	0.00227	20.9	0.0393	30.5	0.00124	0.000711	0.00000389	0.00492	0.00232	0.0361	0.0169	0.00000451	19.5	0.0000148	0.000394
2113 Apr	102	0.0818	0.178	0.00227	20.9	0.0393	30.5	0.00124	0.000711	0.00000389	0.00492	0.00232	0.0361	0.017	0.00000452	19.5	0.0000148	0.000395
2113 May	102	0.0819	0.178	0.00227	20.9	0.0393	30.5	0.00124	0.000712	0.0000039	0.00493	0.00232	0.0361	0.017	0.00000453	19.6	0.0000149	0.000396
2113 Jun	102	0.0814	0.176	0.00226	20.8	0.039	30.5	0.00125	0.000712	0.00000389	0.00493	0.00234	0.036	0.0172	0.00000452	19.7	0.000015	0.000397
2113 Jul	103	0.0816	0.177	0.00227	21	0.0392	30.8	0.00126	0.000714	0.00000391	0.00495	0.00235	0.0363	0.0173	0.00000454	19.8	0.000015	0.0004
2113 Aug	103	0.0818	0.177	0.00227	21.2	0.0395	31	0.00126	0.000716	0.00000392	0.00497	0.00236	0.0365	0.0173	0.00000456	19.9	0.0000151	0.000402
2113 Sep	104	0.0817	0.177	0.00227	21.3	0.0396	31.2	0.00126	0.000716	0.00000392	0.00497	0.00236	0.0367	0.0173	0.00000456	20	0.0000151	0.000404
2113 Oct	103	0.0815	0.175	0.00226	21.1	0.0396	31.1	0.00126	0.000716	0.00000392	0.00498	0.00236	0.0365	0.0172	0.00000456	19.9	0.0000151	0.000402
2113 Nov	103	0.0815	0.174	0.00226	20.9	0.0395	31	0.00126	0.000716	0.00000392	0.00498	0.00237	0.0365	0.0172	0.00000456	19.9	0.0000151	0.000401
2113 Dec	103	0.0815	0.174	0.00226	20.9	0.0395	31	0.00126	0.000716	0.00000392	0.00498	0.00237	0.0365	0.0172	0.00000456	19.9	0.0000151	0.000401
2114 Jan	103	0.0815	0.174	0.00226	20.9	0.0395	31	0.00126	0.000716	0.00000392	0.00498	0.00237	0.0365	0.0172	0.00000456	19.9	0.0000151	0.000401
2114 Feb	103	0.0815	0.174	0.00226	20.9	0.0395	31	0.00126	0.000716	0.00000392	0.00498	0.00237	0.0365	0.0172	0.00000456	19.9	0.0000151	0.000401
2114 Mar	103	0.0815	0.174	0.00226	20.9	0.0395	31.1	0.00126	0.000716	0.00000392	0.00498	0.00237	0.0365	0.0172	0.00000456	19.9	0.0000151	0.000401
2114 Apr	103	0.0815	0.174	0.00226	20.9	0.0395	31.1	0.00127	0.000716	0.00000392	0.00498	0.00237	0.0365	0.0172	0.00000456	19.9	0.0000151	0.000401
2114 May	103	0.0816	0.174	0.00225	20.9	0.0395	31	0.00127	0.000717	0.00000392	0.00498	0.00237	0.0364	0.0173	0.00000456	19.9	0.0000151	0.000401
2114 Jun	103	0.0817	0.173	0.00225	20.8	0.0395	31.1	0.00127	0.000717	0.00000393	0.00499	0.00238	0.0364	0.0174	0.00000457	20	0.0000151	0.000402
2114 Jul	104	0.0821	0.173	0.00226	21	0.0398	31.4	0.00128	0.000721	0.00000395	0.00502	0.0024	0.0367	0.0175	0.00000459	20.2	0.0000152	0.000405
2114 Aug	105	0.0825	0.174	0.00227	21.2	0.04	31.6	0.00129	0.000725	0.00000397	0.00505	0.00241	0.037	0.0176	0.00000462	20.3	0.0000153	0.000408
2114 Sep	105	0.0823	0.174	0.00227	21.4	0.0402	31.8	0.00128	0.000724	0.00000396	0.00505	0.00241	0.0372	0.0175	0.00000462	20.3	0.0000153	0.00041
2114 Oct	106	0.0822	0.173	0.00226	21.6	0.0402	32	0.00128	0.000722	0.00000396	0.00505	0.00241	0.0373	0.0175	0.00000461	20.3	0.0000153	0.000411
2114 Nov	106	0.0826	0.172	0.00226	21.5	0.0403	31.9	0.00129	0.000726	0.00000398	0.00508	0.00241	0.0372	0.0176	0.00000463	20.4	0.0000154	0.000411
2114 Dec	106	0.0826	0.172	0.00226	21.5	0.0403	31.9	0.00129	0.000726	0.00000398	0.00509	0.00241	0.0372	0.0176	0.00000463	20.4	0.0000154	0.000411
2115 Jan	106	0.0826	0.172	0.00226	21.5	0.0403	31.9	0.00129	0.000726	0.00000398	0.00509	0.00241	0.0372	0.0176	0.00000463	20.4	0.0000154	0.000411
2115 Feb	106	0.0826	0.172	0.00226	21.5	0.0403	31.9	0.00129	0.000726	0.00000398	0.00509	0.00241	0.0372	0.0176	0.00000463	20.4	0.0000154	0.000411

Appendix C.2-24: PUMP04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2115 Mar	106	0.0826	0.172	0.00226	21.5	0.0403	31.9	0.00129	0.000726	0.00000398	0.00509	0.00241	0.0372	0.0176	0.00000463	20.4	0.0000154	0.000411
2115 Apr	106	0.0826	0.172	0.00226	21.5	0.0404	31.9	0.00129	0.000727	0.00000398	0.00509	0.00241	0.0373	0.0176	0.00000463	20.4	0.0000154	0.000411
2115 May	106	0.083	0.172	0.00226	21.5	0.0404	31.9	0.00129	0.000731	0.000004	0.00512	0.00242	0.0372	0.0178	0.00000465	20.5	0.0000155	0.000412
2115 Jun	106	0.0837	0.172	0.00227	21.5	0.0406	31.9	0.0013	0.000737	0.00000403	0.00517	0.00244	0.0372	0.018	0.00000468	20.7	0.0000156	0.000414
2115 Jul	107	0.084	0.172	0.00228	21.7	0.0409	32.2	0.00131	0.000741	0.00000405	0.0052	0.00245	0.0376	0.0181	0.00000471	20.8	0.0000157	0.000417
2115 Aug	108	0.0838	0.172	0.00227	22	0.0411	32.5	0.00131	0.00074	0.00000405	0.0052	0.00246	0.0379	0.0181	0.00000471	20.9	0.0000157	0.00042
2115 Sep	109	0.0839	0.172	0.00227	22.2	0.0413	32.7	0.00131	0.000741	0.00000406	0.00521	0.00246	0.0381	0.0181	0.00000472	20.9	0.0000157	0.000421
2115 Oct	109	0.0839	0.171	0.00227	22.2	0.0414	32.8	0.00131	0.000742	0.00000406	0.00522	0.00246	0.0381	0.0181	0.00000473	21	0.0000158	0.000422
2115 Nov	109	0.0843	0.171	0.00227	22.1	0.0415	32.7	0.00132	0.000747	0.00000409	0.00525	0.00247	0.038	0.0182	0.00000475	21.1	0.0000158	0.000422
2115 Dec	109	0.0843	0.171	0.00227	22.1	0.0415	32.7	0.00132	0.000747	0.00000409	0.00525	0.00247	0.038	0.0182	0.00000475	21.1	0.0000158	0.000422
2116 Jan	109	0.0843	0.171	0.00227	22.1	0.0415	32.7	0.00132	0.000747	0.00000409	0.00525	0.00247	0.038	0.0182	0.00000475	21.1	0.0000158	0.000422
2116 Feb	109	0.0843	0.171	0.00227	22.1	0.0415	32.7	0.00132	0.000747	0.00000409	0.00525	0.00247	0.038	0.0182	0.00000475	21.1	0.0000158	0.000422
2116 Mar	109	0.0843	0.171	0.00227	22.1	0.0415	32.7	0.00132	0.000747	0.00000409	0.00525	0.00247	0.038	0.0182	0.00000475	21.1	0.0000158	0.000422
2116 Apr	109	0.0843	0.171	0.00228	22.1	0.0415	32.7	0.00132	0.000748	0.00000409	0.00526	0.00247	0.038	0.0183	0.00000475	21.1	0.0000158	0.000422
2116 May	109	0.0846	0.171	0.00228	22.1	0.0415	32.6	0.00132	0.000752	0.00000411	0.00528	0.00248	0.038	0.0184	0.00000477	21.2	0.0000158	0.000423
2116 Jun	108	0.0845	0.167	0.00225	21.5	0.041	32.1	0.00134	0.000759	0.00000414	0.0053	0.0025	0.0371	0.0189	0.00000479	21.5	0.0000159	0.000421
2116 Jul	108	0.0848	0.167	0.00226	21.7	0.0412	32.3	0.00134	0.000761	0.00000415	0.00533	0.00252	0.0374	0.019	0.00000481	21.7	0.000016	0.000424
2116 Aug	109	0.0851	0.168	0.00227	21.9	0.0415	32.6	0.00135	0.000764	0.00000417	0.00535	0.00253	0.0376	0.0191	0.00000483	21.8	0.000016	0.000426
2116 Sep	110	0.0848	0.167	0.00226	22.1	0.0416	32.8	0.00134	0.000763	0.00000416	0.00535	0.00253	0.0378	0.0191	0.00000483	21.8	0.0000161	0.000428
2116 Oct	109	0.0847	0.166	0.00226	21.9	0.0416	32.7	0.00135	0.000762	0.00000416	0.00535	0.00253	0.0377	0.019	0.00000482	21.7	0.000016	0.000426
2116 Nov	109	0.0848	0.166	0.00225	21.8	0.0415	32.7	0.00135	0.000762	0.00000416	0.00535	0.00253	0.0377	0.019	0.00000482	21.7	0.000016	0.000426
2116 Dec	109	0.0848	0.166	0.00225	21.8	0.0415	32.7	0.00135	0.000762	0.00000416	0.00535	0.00253	0.0377	0.019	0.00000482	21.7	0.000016	0.000426
2117 Jan	109	0.0848	0.166	0.00225	21.8	0.0415	32.7	0.00135	0.000762	0.00000416	0.00535	0.00253	0.0377	0.019	0.00000482	21.7	0.000016	0.000426
2117 Feb	109	0.0848	0.166	0.00225	21.8	0.0415	32.7	0.00135	0.000762	0.00000416	0.00535	0.00253	0.0377	0.019	0.00000482	21.7	0.000016	0.000426
2117 Mar	109	0.0848	0.166	0.00226	21.8	0.0416	32.7	0.00135	0.000763	0.00000416	0.00535	0.00253	0.0377	0.019	0.00000482	21.7	0.000016	0.000426
2117 Apr	109	0.0848	0.166	0.00226	21.9	0.0416	32.7	0.00135	0.000763	0.00000416	0.00536	0.00253	0.0377	0.019	0.00000483	21.7	0.000016	0.000426
2117 May	109	0.0849	0.166	0.00226	21.9	0.0416	32.7	0.00135	0.000764	0.00000417	0.00537	0.00253	0.0377	0.019	0.00000483	21.8	0.0000161	0.000427
2117 Jun	109	0.0851	0.165	0.00225	21.8	0.0416	32.6	0.00136	0.000767	0.00000418	0.00539	0.00254	0.0376	0.0191	0.00000484	21.8	0.0000161	0.000427
2117 Jul	110	0.0855	0.165	0.00226	22	0.0418	32.9	0.00136	0.00077	0.0000042	0.00542	0.00255	0.0379	0.0192	0.00000487	22	0.0000162	0.00043
2117 Aug	111	0.0856	0.166	0.00227	22.2	0.0421	33.2	0.00137	0.000772	0.00000421	0.00544	0.00256	0.0382	0.0193	0.00000488	22.1	0.0000163	0.000433
2117 Sep	111	0.0857	0.166	0.00227	22.3	0.0422	33.3	0.00137	0.000773	0.00000422	0.00545	0.00257	0.0383	0.0193	0.00000489	22.1	0.0000163	0.000434
2117 Oct	112	0.0856	0.165	0.00227	22.4	0.0423	33.4	0.00136	0.000772	0.00000422	0.00544	0.00256	0.0384	0.0193	0.00000489	22.1	0.0000163	0.000435
2117 Nov	112	0.0856	0.165	0.00227	22.4	0.0423	33.4	0.00136	0.000772	0.00000421	0.00544	0.00256	0.0385	0.0193	0.00000489	22.1	0.0000163	0.000435
2117 Dec	112	0.0856	0.165	0.00227	22.4	0.0423	33.5	0.00136	0.000772	0.00000421	0.00544	0.00256	0.0385	0.0193	0.00000489	22.1	0.0000163	0.000435
2118 Jan	112	0.0856	0.165	0.00227	22.4	0.0423	33.5	0.00136	0.000772	0.00000421	0.00544	0.00256	0.0385	0.0193	0.00000489	22.1	0.0000163	0.000435
2118 Feb	112	0.0856	0.165	0.00227	22.4	0.0423	33.5	0.00136	0.000772	0.00000421	0.00544	0.00256	0.0385	0.0193	0.00000489	22.1	0.0000163	0.000435
2118 Mar	112	0.0856	0.165	0.00227	22.4	0.0423	33.5	0.00136	0.000772	0.00000422	0.00545	0.00256	0.0385	0.0193	0.00000489	22.1	0.0000163	0.000435
2118 Apr	112	0.0856	0.165	0.00227	22.5	0.0423	33.5	0.00136	0.000772	0.00000422	0.00545	0.00257	0.0385	0.0193	0.00000489	22.1	0.0000163	0.000435
2118 May	112	0.0859	0.164	0.00226	22.4	0.0422	33.3	0.00137	0.000778	0.00000424	0.00548	0.00257	0.0383	0.0196	0.00000491	22.3	0.0000164	0.000436
2118 Jun	111	0.0857	0.16	0.00223	22	0.0416	32.7	0.00138	0.000782	0.00000425	0.0055	0.00258	0.0374	0.0201	0.00000491	22.6	0.0000165	0.000435
2118 Jul	112	0.0861	0.161	0.00224	22.2	0.0419	33	0.00138	0.000786	0.00000428	0.00553	0.0026	0.0377	0.0202	0.00000494	22.8	0.0000166	0.000438
2118 Aug	113	0.086	0.161	0.00224	22.4	0.0421	33.3	0.00138	0.000786	0.00000428	0.00554	0.0026	0.0381	0.0202	0.00000495	22.8	0.0000167	0.000441
2118 Sep	112	0.0855	0.159	0.00223	22.3	0.042	33.2	0.00138	0.000783	0.00000427	0.00552	0.0026	0.0379	0.0201	0.00000493	22.7	0.0000166	0.000439
2118 Oct	111	0.0852	0.158	0.00222	21.9	0.0418	33	0.00138	0.000778	0.00000424	0.00548	0.00259	0.0376	0.0199	0.0000049	22.5	0.0000164	0.000435
2118 Nov	110	0.0851	0.157	0.00221	21.7	0.0417	32.9	0.00138	0.000776	0.00000423	0.00547	0.00259	0.0375	0.0198	0.00000489	22.5	0.0000163	0.000433
2118 Dec	110	0.0851	0.157	0.00221	21.7	0.0417	32.9	0.00138	0.000776	0.00000423	0.00547	0.00259	0.0375	0.0198	0.00000489	22.5	0.0000163	0.000433
2119 Jan	110	0.0851	0.157	0.00221	21.7	0.0417	32.9	0.00138	0.000776	0.00000423	0.00547	0.00259	0.0375	0.0198	0.00000489	22.5	0.0000163	0.000433
2119 Feb	111	0.0851	0.157	0.00221	21.7	0.0417	32.9	0.00138	0.000776	0.00000423	0.00547	0.00259	0.0375	0.0198	0.00000489	22.5	0.0000163	0.000434
2119 Mar	111	0.0851	0.157	0.00221	21.8	0.0417	32.9	0.00138	0.000776	0.00000423	0.00547	0.00259	0.0375	0.0198	0.00000489	22.5	0.0000163	0.000434
2119 Apr	111	0.0852	0.157	0.00222	21.8	0.0417	33	0.00138	0.000776	0.00000423	0.00547	0.00259	0.0376	0.0198	0.00000489	22.5	0.0000164	0.000434
2119 May	110	0.0849	0.155	0.00219	21.5	0.0412	32.7	0.00137	0.000767	0.00000418	0.00541	0.00259	0.0371	0.0199	0.00000484	22.5	0.0000162	0.000432
2119 Jun	110	0.0843	0.154	0.00217	21.4	0.0409	32.7	0.00137	0.000757	0.00000414	0.00534	0.00259	0.037	0.0198	0.00000479	22.5	0.000016	0.000431
2119 Jul	110	0.0846	0.155	0.00218	21.6	0.0411	33	0.00137	0.000761	0.00000416	0.00537	0.00261	0.0373	0.0199	0.00000482	22.6	0.0000161	0.000434
2119 Aug	111	0.0848	0.155	0.00219	21.8	0.0414	33.3	0.00138	0.000762	0.00000417	0.00539	0.00261	0.0376	0.02	0.00000483	22.7	0.0000162	0.000437
2119 Sep	112	0.0846	0.154	0.00218	22	0.0415	33.5	0.00137	0.000761	0.00000416	0.00538	0.00261	0.0378	0.0199	0.00000483	22.7	0.0000162	0.000439
2119 Oct	111	0.0844	0.153	0.00218	21.8	0.0414	33.4	0.00137	0.000759	0.00000415	0.00537	0.00261	0.0377	0.0198	0.00000482	22.6	0.0000161	0.000437
2119 Nov	111	0.0843	0.153	0.00217	21.7	0.0413	33.4	0.00137	0.000757	0.00000414	0.00536	0.00261	0.0376	0.0198	0.00000481	22.6	0.0000161	0.000436
2119 Dec	111	0.0843	0.153	0.00217	21.7	0.0413	33.4	0.00137	0.000757	0.00000414	0.00536	0.00261	0.0376	0.0198	0.00000481	22.6	0.0000161	0.000436

Appendix C.2-24: PUMP04

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.00000514	0.0000438	0.000813	0.000000314	0.194	0.382	0.00177	0.0000601	5.37	0.000166	0.000109	0.00000307	0.0000221	0.0000108	0.00402	1.24E-08	0.0000644	0.0000137	0.0000271	0.0000629
Operation (2024-2031): Mean	0.000387	0.00462	0.0394	0.0000339	20.9	40.8	0.162	0.00661	545	0.0179	0.011	0.0000502	0.00239	0.00115	0.399	0.00000127	0.00704	0.00117	0.00281	0.00689
Operation (2024-2031): Max	0.000456	0.00567	0.053	0.0000409	26	50.8	0.198	0.00826	734	0.0222	0.0122	0.000138	0.00295	0.00143	0.49	0.00000141	0.00881	0.00136	0.00318	0.00862
Active Closure (2032-2038): Min	0.000123	0.00119	0.0186	0.0000045	3.11	5.54	0.0219	0.000801	44.4	0.00241	0.00518	0.0000477	0.000287	0.000165	0.0727	0.00000133	0.000797	0.000202	0.00105	0.000766
Active Closure (2032-2038): Mean	0.000161	0.00167	0.022	0.00000856	5.59	10.4	0.0415	0.0016	105	0.00456	0.00598	0.000054	0.000579	0.000302	0.118	0.00000184	0.00166	0.00034	0.0013	0.00162
Active Closure (2032-2038): Max	0.000421	0.00478	0.0473	0.0000351	21.6	42.1	0.171	0.0068	503	0.0184	0.0115	0.0000881	0.00246	0.00119	0.416	0.00000194	0.00725	0.00125	0.00293	0.00709
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000124	0.000837	0.0194	0.00000456	1.69	2.49	0.0221	0.000333	9.95	0.00146	0.00524	0.0000528	0.000201	0.0000912	0.0734	0.00000194	0.000243	0.000205	0.00106	0.000223
Post Closure (2039-2119): Mean	0.000206	0.000916	0.0761	0.00000689	2.43	3.32	0.0358	0.000825	13.4	0.00168	0.0473	0.000209	0.000249	0.000131	0.114	0.00000312	0.000389	0.000419	0.00127	0.000408
Post Closure (2039-2119): Max	0.000259	0.0012	0.093	0.00000797	3.34	5.61	0.0504	0.00173	44.7	0.00244	0.0904	0.000278	0.000305	0.000186	0.156	0.00000573	0.000808	0.000509	0.00148	0.000776
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun																				
2026 Jul																				
2026 Aug																				
2026 Sep																				
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun																				
2027 Jul																				
2027 Aug																				
2027 Sep																				
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Apr																				
2028 May																				
2028 Jun																				
2028 Jul																				
2028 Aug																				
2028 Sep																				
2028 Oct																				
2028 Nov																				
2028 Dec																				
2029 Jan																				
2029 Feb																				
2029 Mar																				
2029 Apr																				
2029 May	0.00000514	0.0000438	0.000813	0.000000314	0.194	0.382	0.00177	0.0000601	5.37	0.000166	0.000109	0.00000307	0.0000221	0.0000108	0.00402	1.24E-08	0.0000644	0.0000137	0.0000271	0.0000629
2029 Jun	0.00029	0.00275	0.0508	0.0000209	12.1	23.6	0.104	0.00373	332	0.0104	0.00785	0.000138	0.0014	0.000666	0.246	0.00000106	0.00399	0.000857	0.002	0.00389
2029 Jul	0.000411	0.00508	0.0427	0.0000373	22.9	44.7	0.175	0.00722	644	0.0196	0.0118	0.0000491	0.0026	0.00126	0.435	0.00000141	0.00773	0.00121	0.003	0.00756
2029 Aug	0.000445	0.00554	0.0339	0.0000403	25.4	49.5	0.193	0.00803	715	0.0217	0.012	0.0000318	0.00288	0.0014	0.478	0.00000133	0.00858	0.00132	0.00315	0.0084
2029 Sep	0.000456	0.00567	0.032	0.0000409	26	50.8	0.198	0.00826	734	0.0222	0.0122	0.0000233	0.00295	0.00143	0.49	0.00000128	0.00881	0.00136	0.00318	0.00862
2029 Oct	0.000421	0.00521	0.0343	0.0000376	23.7	46.2	0.18	0.00754	667	0.0202	0.0118	0.0000208	0.00268	0.0013	0.449	0.00000126	0.00801	0.00125	0.00293	0.00783
2029 Nov	0.000402	0.00495	0.0351	0.0000358	22.4	43.7	0.17	0.00714	630	0.0191	0.0115	0.0000198	0.00253	0.00123	0.426	0.00000124	0.00757	0.00119	0.0028	0.0074
2029 Dec	0.000402	0.00495	0.0351	0.0000358	22.4	43.8	0.17	0.00715	630	0.0191	0.0115	0.0000198	0.00253	0.00123	0.426	0.00000124	0.00757	0.00119	0.0028	0.0074
2030 Jan	0.000402	0.00495	0.0351	0.0000358	22.4	43.8	0.17	0.00715	630	0.0191	0.0115	0.0000198	0.00253	0.00123	0.426	0.00000124	0.00757	0.00119	0.0028	0.0074
2030 Feb	0.000402	0.00495	0.0351	0.0000358	22.4	43.8	0.17	0.00715	631	0.0191	0.0115	0.0000199	0.00253	0.00123	0.427	0.00000124	0.00757	0.00119	0.0028	0.00741
2030 Mar	0.000403	0.00496	0.0351	0.0000359	22.4	43.8	0.171	0.00716	631	0.0192	0.0115	0.0000199	0.00253	0.00123	0.427	0.00000124	0.00758	0.00119	0.00281	0.00741
2030 Apr	0.000404	0.00497	0.0352	0.000036	22.5	43.9	0.171	0.00717	633	0.0192	0.0115	0.0000199	0.00254	0.00124	0.428	0.00000124	0.0076	0.00119	0.00281	0.00743
2030 May	0.000414	0.0051	0.0361	0.0000369	23.1	45	0.175	0.00735	649	0.0197	0.0118	0.0000204	0.0026	0.00127	0.439	0.00000127	0.00779	0.00122	0.00288	0.00762
2030 Jun	0.000356	0.00428	0.043	0.0000321	19.2	37.3	0.148	0.00605	510	0.0164	0.0111	0.0000413	0.00221	0.00105	0.369	0.00000139	0.00644	0.00112	0.00282	0.00629
2030 Jul	0.00036	0.00434	0.0403	0.0000326	19.6	38.2	0.151	0.00617	500	0.0168	0.0109	0.0000443	0.00227	0.00108	0.374	0.00000135	0.0066	0.00114	0.00286	0.00646
2030 Aug	0.000375	0.00456	0.0394	0.000034	20.7	40.2	0.159	0.0065	523	0.0177	0.0111	0.0000432	0.00238	0.00114	0.393	0.00000134	0.00696	0.00118	0.00293	0.00681
2030 Sep	0.000384	0.00468	0.0392	0.0000348	21.2	41.4	0.163	0.00668	537	0.0182	0.0113	0.0000426	0.00244	0.00117	0.403	0.00000135	0.00716	0.00121	0.00298	0.007
2030 Oct	0.000387	0.00472	0.0385	0.0000349	21.4	41.7	0.165	0.00675	540	0.0183	0.0113	0.0000404	0.00246	0.00118	0.407	0.00000133	0.00722	0.00121	0.00297	0.00706
2030 Nov	0.000386	0.00471	0.0384	0.0000349	21.4	41.7	0.164	0.00674	538	0.0183	0.0112	0.0000394	0.00245	0.00118	0.406	0.00000133	0.00721	0.0012	0.00295	0.00705
2030 Dec	0.000386	0.00471	0.0384	0.0000349	21.4	41.7	0.164	0.00674	538	0.0183	0.0113	0.0000394	0.00245	0.00118	0.406	0.00000133	0.00721	0.0012	0.00295	0.00705
2031 Jan	0.000386	0.00471	0.0384	0.0000349	21.4	41.7	0.164	0.00674	538	0.0183	0.0113	0.0000394	0.00245	0.00118	0.406	0.00000133	0.00721	0.0012	0.00295	0.00705
2031 Feb	0.000386	0.00471	0.0384	0.0000349	21.4	41.7	0.164	0.00674	538	0.0183	0.0113	0.0000394	0.00245	0.00118	0.406	0.00000133	0.00721	0.0012	0.00295	0.00705
2031 Mar	0.000386	0.00471	0.0384	0.0000349	21.4	41.7	0.164	0.00674	538	0.0183	0.0113	0.0000394	0.00245	0.00118	0.406	0.00000133	0.00721	0.0012	0.00295	0.00705
2031 Apr	0.000387	0.00472	0.0385	0.0000349	21.4	41.7	0.164	0.00676	539	0.0183	0.0113	0.0000395	0.00246	0.00118	0.407	0.00000133	0.00722	0.0012	0.00295	0.00706
2031 May	0.000394	0.00473	0.041	0.000035	21.4	41.8	0.166	0.00675	537	0.0183	0.0114	0.0000516	0.00246	0.00118	0.408	0.00000135	0.00722	0.00122	0.00297	0.00706
2031 Jun	0.000419	0.00457	0.0527	0.0000337	20.5	40.1	0.165	0.00644	498	0.0176	0.0113	0.000116	0.00236	0.00113	0.4	0.00000136	0.00688	0.00125	0.00291	0.00673
2031 Jul	0.000426	0.00467	0.053	0.0000344	21	41	0.169	0.00658	507	0.0179	0.0115	0.000115	0.00241	0.00116	0.408	0.00000138	0.00703	0.00127	0.00297	0.00688
2031 Aug	0.000431	0.00478	0.0513	0.0000352	21.5	42.1	0.172	0.00676	515	0.0184	0.0116	0.000108	0.00247	0.00119	0.418	0.00000138	0.00723	0.00128	0.003	0.00707
2031 Sep	0.000427	0.00481	0.0485	0.0000353	21.7	42.4	0.173	0.00683	512	0.0186	0.0115	0.0000971	0.00249	0.0012	0.42	0.00000135	0.0073	0.00127	0.00298	0.00714
2031 Oct	0.000419	0.00476	0.0471	0.0000349	21.5	41.9	0.17	0.00677	502	0.0184	0.0114	0.000088	0.00245	0.00118	0.415	0.00000133	0.00722	0.00125	0.00292	0.00706
2031 Nov	0.000419	0.00476	0.0471	0.0000349	21.5	41.9	0.17	0.00676	501	0.0184	0.0114	0.0000875	0.00245	0.00118	0.415	0.00000133	0.00722	0.00125	0.00292	0.00706
2031 Dec	0.000419	0.00476	0.0471	0.0000349	21.5	41.9	0.17	0.00676	501	0.0184	0.0114	0.0000875	0.00245	0.00118	0.415	0.00000133	0.00722	0.00125	0.00292	0.00706
2032 Jan	0.000419	0.00476	0.0471	0.0000349	21.5	41.9	0.17	0.00676	501	0.0184	0.0114	0.0000875	0.00245	0.00118	0.415	0.00000133	0.00722	0.00125	0.00292	0.00706
2032 Feb	0.000419	0.00476	0.0471	0.0000349	21.5	41.9	0.17	0.00676	501	0.0184	0.0114	0.0000875	0.00245	0.00118	0.415	0.00000133	0.00722	0.00125	0.00292	0.00706
2032 Mar	0.000419	0.00476	0.0471	0.0000349	21.5	41.9	0.17	0.00677	501	0.0184	0.0114	0.0000875	0.00245	0.00118	0.415	0.00000133	0.00722	0.00125	0.00292	0.00706
2032 Apr	0.000419	0.00476	0.0471	0.0000349	21.5	42	0.17	0.00677	502	0.0184	0.0114	0.0000876	0.00245	0.00118	0.415	0.00000133	0.00723	0.00125	0.00292	0.00706
2032 May	0.000421	0.00478	0.0473	0.0000351	21.6	42.1	0.171	0.0068	503	0.0184	0.0115	0.0000881	0.00246	0.00119	0.416	0.00000134	0.00725	0.00125	0.00293	0.00709
2032 Jun	0.000344	0.00391	0.0423	0.000028	17.1	33.3	0.135	0.00534	387	0.0146	0.01	0.0000826	0.00195	0.000941	0.333	0.00000146	0.00569	0.00102	0.00252	0.00556
2032 Jul	0.000249	0.0029	0.0318	0.0000192	11.9	23	0.0922	0.00366	255	0.0101	0.00812	0.0000665	0.00134	0.000654	0.234	0.00000161	0.00389	0.000709	0.00197	0.0038
2032 Aug	0.000199	0.00228	0.0259	0.0000138	8.69	16.6	0.0661	0.00262	181	0.00731	0.00696	0.0000554	0.000952	0.000475	0.174	0.00000173	0.00276	0.000517	0.00162	0.00269
2032 Sep	0.000178	0.00194	0.0226	0.0000109	7.01	13.3	0.0522	0.00207	142	0.00581	0.00638	0.0000485	0.00075	0.000381	0.143	0.00000179	0.00217	0.000415	0.00144	0.00211
2032 Oct	0.00017	0.00182	0.0214	0.00000987	6.4	12	0.0472	0.00187	128	0.00526	0.0062	0.0000478	0.000676	0.000347	0.132	0.00000181	0.00195	0.000378	0.00138	0.0019
2032 Nov	0.00017	0.00182	0.0214	0.0000099	6.42	12.1	0.0474	0.00188	128	0.00528	0.00621	0.0000478	0.000679	0.000348	0.133	0.00000181	0.00196	0.000379	0.00138	0.00191
2032 Dec	0.00017	0.00183	0.0214	0.00000993	6.44	12.1	0.0475	0.00188	129	0.0053	0.00621	0.0000477	0.000681	0.000349	0.133	0.00000181	0.00197	0.00038	0.00138	0.00191
2033 Jan	0.00017	0.00183	0.0214	0.00000993	6.44	12.1	0.0475	0.00188	129	0.0053	0.00621	0.0000477	0.000681	0.000349	0.133	0.00000181	0.00197	0.00038	0.00138	0.00191
2033 Feb	0.00017	0.00183	0.0214	0.00000993	6.44	12.1	0.0475	0.00188	129	0.0053	0.00621	0.0000477	0.000681	0.000349	0.133	0.00000181	0.00197	0.00038	0.00138	0.00191
2033 Mar	0.00017	0.00183	0.0214	0.00000993	6.44	12.1	0.0475	0.00188	129	0.0053	0.00621	0.0000477	0.000681	0.000349	0.133	0.00000181	0.00197	0.00038	0.00138	0.00191
2033 Apr	0.00017	0.00183	0.0215	0.00000994	6.45	12.1	0.0476	0.00188	129	0.0053	0.00622	0.0000478	0.000682	0.00035	0.133	0.00000181	0.00197	0.00038	0.00138	0.00191
2033 May	0.000174	0.00184	0.0227	0.0000101	6.5	12.2	0.0485	0.0019	129	0.00535	0.00627	0.0000532	0.000688	0.000353	0.135	0.00000181	0.00198	0.000389	0.00139	0.00193
2033 Jun	0.00018	0.00187	0.0245	0.0000104	6.66	12.6	0.0507	0.00195	129	0.0055	0.00633	0.0000618	0.000708	0.000362	0.138	0.00000179	0.00204	0.000409	0.00141	0.00198
2033 Jul	0.000169	0.00178	0.0234	0.00000948	6.13	11.5	0.0463	0.00178	117	0.00505	0.00616	0.0000603	0.000646	0.000333	0.128	0.00000182	0.00186	0.000377	0.00136	0.00181
2033 Aug	0.000157	0.00165	0.022	0.00000836	5.47	10.2	0.0408	0.00157	103	0.00448	0.00592	0.0000565	0.000567	0.000296	0.116	0.00000185	0.00163	0.000337	0.00129	0.00158
2033 Sep	0.000152	0.00157	0.0208	0.00000764	5.06	9.4	0.0372	0.00143	92.8	0.0041	0.00576	0.0000525	0.000517	0.000273	0.108	0.00000186	0.00148	0.000309	0.00124	0.00144
2033 Oct	0.000151	0.00155	0.0204	0.00000749	4.97	9.22	0.0364	0.00141	90	0.00402	0.00573	0.0000513	0.000506	0.000268	0.106	0.00000185	0.00145	0.000302	0.00123	0.00141

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Nov	0.000151	0.00155	0.0205	0.00000751	4.98	9.24	0.0364	0.00141	90.1	0.00403	0.00574	0.0000513	0.000508	0.000269	0.107	0.00000185	0.00145	0.000302	0.00123	0.00141
2033 Dec	0.000151	0.00155	0.0205	0.00000751	4.98	9.24	0.0364	0.00141	90.1	0.00403	0.00574	0.0000513	0.000508	0.000269	0.107	0.00000185	0.00145	0.000302	0.00123	0.00141
2034 Jan	0.000151	0.00155	0.0205	0.00000751	4.98	9.24	0.0364	0.00141	90.1	0.00403	0.00574	0.0000513	0.000508	0.000269	0.107	0.00000185	0.00145	0.000302	0.00123	0.00141
2034 Feb	0.000151	0.00155	0.0205	0.00000751	4.98	9.24	0.0364	0.00141	90.1	0.00403	0.00574	0.0000513	0.000508	0.000269	0.107	0.00000185	0.00145	0.000302	0.00123	0.00141
2034 Mar	0.000151	0.00155	0.0205	0.00000751	4.98	9.24	0.0364	0.00141	90.1	0.00403	0.00574	0.0000513	0.000508	0.000269	0.107	0.00000185	0.00145	0.000302	0.00123	0.00141
2034 Apr	0.000151	0.00155	0.0205	0.00000751	4.99	9.25	0.0365	0.00141	90.2	0.00403	0.00574	0.0000513	0.000508	0.000269	0.107	0.00000186	0.00145	0.000302	0.00123	0.00141
2034 May	0.000152	0.00155	0.0207	0.00000755	5.01	9.29	0.0367	0.00142	90.4	0.00405	0.00576	0.0000523	0.00051	0.00027	0.107	0.00000186	0.00146	0.000305	0.00123	0.00142
2034 Jun	0.000155	0.00156	0.0219	0.00000767	5.06	9.4	0.0376	0.00143	90	0.0041	0.0058	0.0000574	0.000517	0.000273	0.109	0.00000185	0.00148	0.000314	0.00124	0.00143
2034 Jul	0.00015	0.00154	0.0214	0.00000738	4.88	9.05	0.0361	0.00138	85.5	0.00395	0.00574	0.0000568	0.000496	0.000263	0.105	0.00000186	0.00142	0.000303	0.00122	0.00137
2034 Aug	0.000145	0.00147	0.0207	0.00000683	4.55	8.4	0.0334	0.00127	78.8	0.00367	0.00563	0.0000548	0.000458	0.000245	0.099	0.00000188	0.0013	0.000284	0.00119	0.00126
2034 Sep	0.000142	0.00143	0.02	0.00000644	4.33	7.96	0.0314	0.0012	73.6	0.00347	0.00554	0.0000522	0.000431	0.000233	0.0949	0.00000189	0.00122	0.000268	0.00117	0.00119
2034 Oct	0.000141	0.00141	0.0197	0.0000063	4.25	7.8	0.0307	0.00117	71.5	0.00339	0.00551	0.0000515	0.000421	0.000228	0.0934	0.00000188	0.0012	0.000262	0.00115	0.00116
2034 Nov	0.000141	0.00141	0.0198	0.00000631	4.26	7.8	0.0307	0.00117	71.6	0.00339	0.00552	0.0000515	0.000421	0.000228	0.0934	0.00000188	0.0012	0.000262	0.00115	0.00116
2034 Dec	0.000141	0.00141	0.0198	0.00000631	4.26	7.8	0.0307	0.00117	71.6	0.00339	0.00552	0.0000515	0.000421	0.000228	0.0934	0.00000188	0.0012	0.000262	0.00115	0.00116
2035 Jan	0.000141	0.00141	0.0198	0.00000631	4.26	7.8	0.0307	0.00117	71.6	0.00339	0.00552	0.0000515	0.000421	0.000228	0.0934	0.00000188	0.0012	0.000262	0.00115	0.00116
2035 Feb	0.000141	0.00141	0.0198	0.00000631	4.26	7.8	0.0307	0.00117	71.6	0.00339	0.00552	0.0000515	0.000421	0.000228	0.0934	0.00000188	0.0012	0.000262	0.00115	0.00116
2035 Mar	0.000141	0.00141	0.0198	0.00000631	4.26	7.8	0.0307	0.00117	71.6	0.00339	0.00552	0.0000515	0.000421	0.000228	0.0934	0.00000188	0.0012	0.000262	0.00115	0.00116
2035 Apr	0.000141	0.00141	0.0198	0.00000631	4.26	7.81	0.0307	0.00117	71.6	0.0034	0.00552	0.0000515	0.000421	0.000228	0.0935	0.00000188	0.0012	0.000263	0.00115	0.00116
2035 May	0.000141	0.00141	0.0198	0.00000633	4.27	7.83	0.0308	0.00118	71.8	0.00341	0.00553	0.0000518	0.000422	0.000229	0.0937	0.00000189	0.0012	0.000263	0.00116	0.00116
2035 Jun	0.000142	0.00142	0.0205	0.00000643	4.3	7.9	0.0314	0.00119	71.3	0.00344	0.00555	0.0000542	0.000428	0.000231	0.0945	0.00000187	0.00121	0.000269	0.00116	0.00117
2035 Jul	0.000139	0.0014	0.0203	0.00000625	4.19	7.68	0.0304	0.00115	68.6	0.00335	0.00551	0.000054	0.000415	0.000225	0.0922	0.00000188	0.00118	0.000263	0.00115	0.00114
2035 Aug	0.000136	0.00137	0.0199	0.00000595	4.01	7.33	0.029	0.00109	64.9	0.0032	0.00545	0.0000526	0.000394	0.000215	0.0889	0.00000189	0.00111	0.000252	0.00114	0.00108
2035 Sep	0.000134	0.00133	0.0194	0.00000571	3.87	7.05	0.0277	0.00105	61.6	0.00307	0.00538	0.0000507	0.000377	0.000207	0.0863	0.00000189	0.00107	0.000242	0.00112	0.00103
2035 Oct	0.000133	0.00132	0.0192	0.00000558	3.8	6.9	0.0271	0.00103	60	0.003	0.00536	0.0000503	0.000368	0.000203	0.085	0.00000189	0.00104	0.000237	0.00111	0.001
2035 Nov	0.000133	0.00132	0.0192	0.0000056	3.81	6.92	0.0271	0.00103	60.1	0.00301	0.00536	0.0000502	0.000369	0.000203	0.0851	0.00000189	0.00104	0.000237	0.00111	0.00101
2035 Dec	0.000133	0.00132	0.0192	0.0000056	3.81	6.92	0.0271	0.00103	60.1	0.00301	0.00536	0.0000502	0.000369	0.000203	0.0851	0.00000189	0.00104	0.000237	0.00111	0.00101
2036 Jan	0.000133	0.00132	0.0192	0.0000056	3.81	6.92	0.0271	0.00103	60.1	0.00301	0.00536	0.0000502	0.000369	0.000203	0.0851	0.00000189	0.00104	0.000237	0.00111	0.00101
2036 Feb	0.000133	0.00132	0.0192	0.0000056	3.81	6.92	0.0271	0.00103	60.1	0.00301	0.00536	0.0000502	0.000369	0.000203	0.0851	0.00000189	0.00104	0.000237	0.00111	0.00101
2036 Mar	0.000133	0.00132	0.0192	0.0000056	3.81	6.92	0.0271	0.00103	60.1	0.00301	0.00536	0.0000502	0.000369	0.000203	0.0851	0.00000189	0.00104	0.000237	0.00111	0.00101
2036 Apr	0.000133	0.00132	0.0192	0.00000561	3.81	6.92	0.0272	0.00103	60.1	0.00301	0.00537	0.0000502	0.000369	0.000203	0.0852	0.00000189	0.00104	0.000238	0.00111	0.00101
2036 May	0.000133	0.00132	0.0193	0.00000562	3.82	6.94	0.0272	0.00103	60.2	0.00302	0.00538	0.0000503	0.00037	0.000204	0.0854	0.00000189	0.00105	0.000238	0.00111	0.00101
2036 Jun	0.000133	0.00132	0.0195	0.00000563	3.81	6.92	0.0272	0.00103	59.6	0.00301	0.00538	0.0000509	0.00037	0.000203	0.0852	0.00000189	0.00104	0.000239	0.00111	0.00101
2036 Jul	0.000131	0.00131	0.0194	0.00000551	3.72	6.76	0.0265	0.001	57.7	0.00295	0.00535	0.0000509	0.00036	0.000199	0.0835	0.00000189	0.00102	0.000235	0.0011	0.00098
2036 Aug	0.000129	0.00128	0.0192	0.00000528	3.6	6.5	0.0255	0.00096	55.2	0.00283	0.00532	0.0000501	0.000345	0.000192	0.0811	0.00000191	0.000969	0.000227	0.00109	0.000935
2036 Sep	0.000127	0.00126	0.0188	0.00000508	3.48	6.27	0.0245	0.000923	52.8	0.00273	0.00527	0.0000489	0.000331	0.000185	0.079	0.00000191	0.000929	0.000219	0.00108	0.000895
2036 Oct	0.000127	0.00125	0.0186	0.00000499	3.43	6.16	0.024	0.000905	51.6	0.00268	0.00526	0.0000486	0.000324	0.000182	0.078	0.00000191	0.00091	0.000216	0.00107	0.000876
2036 Nov	0.000127	0.00125	0.0186	0.00000499	3.43	6.17	0.024	0.000906	51.7	0.00268	0.00526	0.0000486	0.000325	0.000182	0.0781	0.00000191	0.000911	0.000216	0.00107	0.000877
2036 Dec	0.000127	0.00125	0.0186	0.00000499	3.43	6.17	0.024	0.000907	51.7	0.00268	0.00526	0.0000486	0.000325	0.000182	0.0781	0.00000191	0.000911	0.000216	0.00107	0.000877
2037 Jan	0.000127	0.00125	0.0186	0.00000499	3.43	6.17	0.024	0.000907	51.7	0.00268	0.00526	0.0000486	0.000325	0.000182	0.0781	0.00000191	0.000911	0.000216	0.00107	0.000877
2037 Feb	0.000127	0.00125	0.0186	0.00000499	3.43	6.17	0.024	0.000907	51.7	0.00268	0.00526	0.0000486	0.000325	0.000182	0.0781	0.00000191	0.000911	0.000216	0.00107	0.000877
2037 Mar	0.000127	0.00125	0.0186	0.000005	3.43	6.17	0.024	0.000907	51.7	0.00268	0.00526	0.0000486	0.000325	0.000182	0.0781	0.00000191	0.000911	0.000216	0.00107	0.000878
2037 Apr	0.000127	0.00125	0.0186	0.000005	3.43	6.17	0.024	0.000907	51.7	0.00268	0.00526	0.0000486	0.000325	0.000182	0.0781	0.00000191	0.000911	0.000216	0.00107	0.000878
2037 May	0.000128	0.00125	0.019	0.00000502	3.44	6.19	0.0242	0.000909	51.7	0.00269	0.00527	0.00005	0.000326	0.000183	0.0784	0.00000191	0.000913	0.000218	0.00108	0.000879
2037 Jun	0.000128	0.00125	0.0194	0.00000504	3.44	6.19	0.0244	0.000909	51.2	0.00269	0.00526	0.0000519	0.000326	0.000183	0.0785	0.0000019	0.000913	0.00022	0.00107	0.00088
2037 Jul	0.000126	0.00124	0.0193	0.00000493	3.37	6.06	0.0239	0.000887	49.8	0.00264	0.00525	0.000052	0.000318	0.000179	0.0772	0.00000191	0.00089	0.000217	0.00107	0.000856
2037 Aug	0.000125	0.00122	0.0191	0.00000476	3.28	5.87	0.0231	0.000856	48	0.00256	0.00523	0.0000513	0.000307	0.000174	0.0755	0.00000192	0.000856	0.000211	0.00106	0.000824
2037 Sep	0.000124	0.0012	0.0188	0.00000461	3.19	5.69	0.0223	0.000827	46.3	0.00247	0.0052	0.0000503	0.000296	0.000169	0.0739	0.00000192	0.000825	0.000205	0.00105	0.000793
2037 Oct	0.000123	0.00119	0.0187	0.00000453	3.15	5.61	0.0219	0.000813	45.4	0.00244	0.00518	0.0000501	0.000291	0.000167	0.0731	0.00000192	0.00081	0.000202	0.00105	0.000778
2037 Nov	0.000123	0.00119	0.0187	0.00000453	3.15	5.61	0.0219	0.000814	45.5	0.00244	0.00519	0.0000501	0.000291	0.000167	0.0731	0.00000192	0.00081	0.000202	0.00105	0.000779
2037 Dec	0.000123	0.0012	0.0187	0.00000454	3.15	5.61	0.0219	0.000814	45.5	0.00244	0.00519	0.0000501	0.000291	0.000167	0.0731	0.00000192	0.00081	0.000202	0.00105	0.000779
2038 Jan	0.000123	0.0012	0.0187	0.00000454	3.15	5.61	0.0219	0.000814	45.5	0.00244	0.00519	0.0000501	0.000291	0.000167	0.0731	0.00000192	0.00081	0.000202	0.00105	0.000779
2038 Feb	0.000123	0.0012	0.0187	0.00000454	3.15	5.61	0.0219	0.000814	45.5	0.00244	0.00519	0.0000501	0.000291	0.000167	0.0731	0.00000192	0.00081	0.000202	0.00105	0.000779
2038 Mar	0.000123	0.0012	0.0187	0.00000454	3.15	5.61	0.0219	0.000814	45.5	0.00244	0.00519	0.0000501	0.000291	0.000167	0.0731	0.00000192	0.00081	0.000202	0.00105	0.000779
2038 Apr	0.000123	0.0012	0.0187	0.00000454	3.15	5.61	0.0219	0.000814	45.5	0.00244	0.00519	0.0000501	0.000291	0.000167	0.0731	0.00000192	0.00081	0.000202	0.00105	0.000779
2038 May	0.000124	0.0012	0.0188	0.00000455	3.16	5.62	0.022	0.000815	45.5	0.00244	0.0052	0.0000506	0.000292	0.000167	0.0733	0.00000193	0.000812	0.000203	0.00105	0.00078
2038 Jun	0.000124	0.00119	0.0192	0.00000455	3.15	5.61	0.0221	0.000812	45.1	0.00244	0.00519	0.0000524	0.000291	0.000167	0.0733	0.00000192	0.000809	0.000205	0.00105	0.000777
2038 Jul	0.000124	0.00119	0.0192	0.0000045	3.11	5.54	0.0219	0.000801	44.4	0.00241	0.00521	0.0000526	0.000287	0.000165	0.0727	0.00000193	0.000797	0.000203	0.00105	0.000766
2038 Aug	0.000124	0.0012	0.0193	0.00000452	3.13	5.57	0.022	0.000806	44.6	0.00242	0.00523	0.0000528	0.000289	0.000166	0.0731	0.00000194	0.000801	0.000204	0.00106	0.00077
2038 Sep	0.000124	0.0012	0.0193	0.00000454	3.14	5.59	0.0221	0.000809	44.6	0.00243	0.00524	0.0000528	0.00029	0.000166	0.0733	0.00000194	0.000805	0.000205	0.00106	0.000773
2038 Oct	0.000124	0.0012	0.0194	0.00000455	3.15	5.6	0.0221	0.000811	44.7	0.00244	0.00524	0.0000528	0.00029	0.000167	0.0734	0.00000194	0.000807	0.000205	0.00106	0.000775
2038 Nov	0.000124	0.0012	0.0194	0.00000455	3.15	5.6	0.0221	0.000811	44.7	0.00244	0.00524	0.0000528	0.000291	0.000167	0.0734	0.00000194	0.000807	0.000205	0.00106	0.000775
2038 Dec	0.000124	0.0012	0.0194	0.00000456	3.15	5.6	0.0221	0.000811	44.7	0.00244	0.00524	0.0000528	0.000291	0.000167	0.0734	0.00000194	0.000807	0.000205	0.00106	0.000775
2039 Jan	0.000124	0.0012	0.0194	0.00000456	3.15	5.6	0.0221	0.000811	44.7	0.00244	0.00524	0.0000528	0.000291	0.000167	0.0734	0.00000194	0.000807	0.000205	0.00106	0.000775
2039 Feb	0.000124	0.0012	0.0194	0.00000456	3.15	5.6	0.0221	0.000811	44.7	0.00244	0.00524	0.0000528	0.000291	0.000167	0.0734	0.00000194	0.000807	0.000205	0.00106	0.000775
2039 Mar	0.000124	0.0012	0.0194	0.00000456	3.15	5.6	0.0221	0.000811	44.7	0.00244	0.00524	0.0000528	0.000291	0.000167	0.0734	0.00000194	0.000807	0.000205	0.00106	0.000775
2039 Apr	0.000124	0.0012	0.0194	0.00000456	3.15	5.61	0.0221	0.000811	44.7	0.00244	0.00524	0.0000528	0.000291	0.000167	0.0734	0.00000194	0.000807	0.000205	0.00106	0.000775
2039 May	0.000125	0.0012	0.0194	0.00000456	3.15	5.61	0.0221	0.000813	44.7	0.00244	0.00525	0.0000529	0.000291	0.000167	0.0735	0.00000194	0.000808	0.000205	0.00106	0.000776

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Jun	0.000132	0.00118	0.0259	0.00000492	3.04	5.41	0.0232	0.000779	42.1	0.00237	0.00735	0.0000681	0.000285	0.000161	0.0749	0.00000195	0.000763	0.000231	0.0011	0.00073
2039 Jul	0.000151	0.00113	0.0412	0.00000572	2.76	4.89	0.0255	0.000695	35.8	0.00219	0.0134	0.000104	0.000268	0.000146	0.0782	0.00000196	0.000652	0.000289	0.0012	0.000614
2039 Aug	0.000156	0.00112	0.0456	0.00000595	2.69	4.74	0.0262	0.000671	34	0.00215	0.0158	0.000114	0.000263	0.000142	0.0793	0.00000197	0.00062	0.000304	0.00123	0.000582
2039 Sep	0.000156	0.00112	0.0456	0.00000597	2.7	4.76	0.0263	0.000675	34.1	0.00216	0.0158	0.000114	0.000264	0.000143	0.0796	0.00000197	0.000624	0.000305	0.00123	0.000585
2039 Oct	0.000156	0.00113	0.0456	0.00000597	2.7	4.77	0.0263	0.000676	34.1	0.00216	0.0158	0.000114	0.000265	0.000143	0.0796	0.00000197	0.000625	0.000305	0.00123	0.000587
2039 Nov	0.000156	0.00113	0.0457	0.00000597	2.7	4.77	0.0263	0.000676	34.1	0.00216	0.0158	0.000114	0.000265	0.000143	0.0796	0.00000197	0.000625	0.000305	0.00123	0.000587
2039 Dec	0.000156	0.00113	0.0457	0.00000598	2.7	4.77	0.0263	0.000676	34.1	0.00216	0.0158	0.000114	0.000265	0.000143	0.0796	0.00000197	0.000625	0.000305	0.00123	0.000587
2040 Jan	0.000156	0.00113	0.0457	0.00000598	2.7	4.77	0.0263	0.000676	34.1	0.00216	0.0158	0.000114	0.000265	0.000143	0.0796	0.00000197	0.000625	0.000305	0.00123	0.000587
2040 Feb	0.000156	0.00113	0.0457	0.00000598	2.7	4.77	0.0263	0.000676	34.1	0.00216	0.0158	0.000114	0.000265	0.000143	0.0796	0.00000197	0.000625	0.000305	0.00123	0.000587
2040 Mar	0.000156	0.00113	0.0457	0.00000598	2.7	4.77	0.0263	0.000676	34.1	0.00216	0.0158	0.000114	0.000265	0.000143	0.0796	0.00000197	0.000625	0.000305	0.00123	0.000587
2040 Apr	0.000156	0.00113	0.0457	0.00000598	2.7	4.77	0.0263	0.000677	34.1	0.00216	0.0158	0.000114	0.000265	0.000143	0.0797	0.00000197	0.000625	0.000305	0.00123	0.000587
2040 May	0.000157	0.00113	0.0458	0.00000599	2.71	4.78	0.0264	0.000677	34.1	0.00216	0.0159	0.000114	0.000265	0.000143	0.0798	0.00000198	0.000626	0.000306	0.00123	0.000588
2040 Jun	0.000174	0.00109	0.0584	0.00000653	2.48	4.35	0.0286	0.000602	29	0.00202	0.0242	0.000148	0.000251	0.000132	0.0834	0.000002	0.000531	0.000354	0.0013	0.000491
2040 Jul	0.000179	0.00108	0.0623	0.00000671	2.42	4.22	0.0293	0.00058	27.5	0.00198	0.0274	0.000158	0.000247	0.000129	0.0846	0.00000201	0.000503	0.000369	0.00133	0.000462
2040 Aug	0.00018	0.00109	0.0624	0.00000674	2.43	4.25	0.0295	0.000585	27.6	0.00199	0.0275	0.000158	0.000249	0.000129	0.085	0.00000201	0.000507	0.00037	0.00133	0.000467
2040 Sep	0.00018	0.00109	0.0625	0.00000676	2.44	4.27	0.0296	0.000588	27.7	0.002	0.0275	0.000158	0.00025	0.00013	0.0853	0.00000201	0.000511	0.000371	0.00133	0.00047
2040 Oct	0.00018	0.00109	0.0625	0.00000677	2.45	4.28	0.0296	0.000589	27.8	0.002	0.0275	0.000158	0.00025	0.00013	0.0853	0.00000202	0.000512	0.000371	0.00134	0.000471
2040 Nov	0.00018	0.00109	0.0625	0.00000677	2.45	4.28	0.0296	0.00059	27.8	0.002	0.0275	0.000158	0.00025	0.00013	0.0854	0.00000202	0.000512	0.000371	0.00134	0.000471
2040 Dec	0.00018	0.00109	0.0625	0.00000677	2.45	4.28	0.0296	0.00059	27.8	0.002	0.0275	0.000158	0.00025	0.00013	0.0854	0.00000202	0.000512	0.000371	0.00134	0.000471
2041 Jan	0.00018	0.00109	0.0625	0.00000677	2.45	4.28	0.0296	0.00059	27.8	0.002	0.0275	0.000158	0.00025	0.00013	0.0854	0.00000202	0.000512	0.000371	0.00134	0.000471
2041 Feb	0.00018	0.00109	0.0625	0.00000677	2.45	4.28	0.0296	0.00059	27.8	0.002	0.0275	0.000158	0.00025	0.00013	0.0854	0.00000202	0.000512	0.000371	0.00134	0.000471
2041 Mar	0.00018	0.00109	0.0625	0.00000677	2.45	4.28	0.0296	0.00059	27.8	0.002	0.0275	0.000158	0.00025	0.00013	0.0854	0.00000202	0.000512	0.000371	0.00134	0.000471
2041 Apr	0.00018	0.00109	0.0625	0.00000677	2.45	4.28	0.0296	0.00059	27.8	0.002	0.0275	0.000158	0.00025	0.00013	0.0854	0.00000202	0.000512	0.000371	0.00134	0.000471
2041 May	0.000181	0.00109	0.0626	0.00000678	2.45	4.28	0.0297	0.000591	27.8	0.00201	0.0275	0.000159	0.000251	0.00013	0.0855	0.00000202	0.000513	0.000371	0.00134	0.000472
2041 Jun	0.000184	0.00107	0.0669	0.00000699	2.34	4.05	0.03	0.000552	25.4	0.00193	0.0333	0.000167	0.000245	0.000125	0.0863	0.00000203	0.000468	0.000387	0.00137	0.000427
2041 Jul	0.000188	0.00102	0.0728	0.0000072	2.13	3.6	0.03	0.000481	21.3	0.00179	0.045	0.000179	0.000232	0.000114	0.087	0.00000204	0.000386	0.000407	0.00141	0.000348
2041 Aug	0.000189	0.00103	0.0731	0.00000724	2.14	3.63	0.0302	0.000485	21.4	0.0018	0.0452	0.00018	0.000234	0.000114	0.0875	0.00000205	0.00039	0.000408	0.00142	0.000351
2041 Sep	0.000189	0.00103	0.0732	0.00000726	2.15	3.65	0.0303	0.000489	21.5	0.00181	0.0452	0.00018	0.000235	0.000115	0.0877	0.00000205	0.000394	0.000409	0.00142	0.000355
2041 Oct	0.000189	0.00103	0.0731	0.00000727	2.16	3.66	0.0303	0.000491	21.5	0.00182	0.0452	0.00018	0.000236	0.000115	0.0878	0.00000205	0.000395	0.000409	0.00142	0.000357
2041 Nov	0.000189	0.00103	0.0732	0.00000727	2.16	3.66	0.0303	0.000491	21.5	0.00182	0.0452	0.00018	0.000236	0.000115	0.0878	0.00000205	0.000396	0.000409	0.00142	0.000357
2041 Dec	0.000189	0.00103	0.0732	0.00000727	2.16	3.66	0.0303	0.000491	21.5	0.00182	0.0452	0.00018	0.000236	0.000115	0.0878	0.00000205	0.000396	0.000409	0.00142	0.000357
2042 Jan	0.000189	0.00103	0.0732	0.00000727	2.16	3.66	0.0303	0.000491	21.5	0.00182	0.0452	0.00018	0.000236	0.000115	0.0878	0.00000205	0.000396	0.000409	0.00142	0.000357
2042 Feb	0.000189	0.00103	0.0732	0.00000727	2.16	3.66	0.0303	0.000491	21.5	0.00182	0.0452	0.00018	0.000236	0.000115	0.0878	0.00000205	0.000396	0.000409	0.00142	0.000357
2042 Mar	0.000189	0.00103	0.0732	0.00000727	2.16	3.67	0.0303	0.000491	21.5	0.00182	0.0452	0.00018	0.000236	0.000115	0.0878	0.00000205	0.000396	0.000409	0.00142	0.000357
2042 Apr	0.000189	0.00103	0.0732	0.00000728	2.16	3.67	0.0303	0.000491	21.5	0.00182	0.0452	0.00018	0.000236	0.000115	0.0879	0.00000205	0.000396	0.00041	0.00142	0.000357
2042 May	0.00019	0.00103	0.0733	0.00000729	2.16	3.67	0.0304	0.000492	21.6	0.00182	0.0453	0.00018	0.000236	0.000116	0.088	0.00000206	0.000397	0.00041	0.00143	0.000358
2042 Jun	0.000189	0.00102	0.074	0.00000733	2.13	3.59	0.0302	0.00048	20.8	0.0018	0.0481	0.00018	0.000235	0.000114	0.088	0.00000206	0.000383	0.000412	0.00143	0.000345
2042 Jul	0.000188	0.00101	0.0748	0.00000738	2.08	3.49	0.03	0.000465	19.9	0.00177	0.0517	0.00018	0.000233	0.000112	0.088	0.00000206	0.000367	0.000415	0.00145	0.000329
2042 Aug	0.000186	0.001	0.0749	0.00000738	2.04	3.39	0.0296	0.000451	19.1	0.00174	0.0552	0.000179	0.000231	0.000109	0.0878	0.00000206	0.000352	0.000412	0.00145	0.000315
2042 Sep	0.000185	0.000991	0.0748	0.00000736	2.01	3.31	0.0291	0.00044	18.5	0.00172	0.0582	0.000177	0.000228	0.000108	0.0875	0.00000207	0.000339	0.000409	0.00145	0.000304
2042 Oct	0.000183	0.000984	0.0745	0.00000732	1.98	3.25	0.0288	0.000432	18.1	0.0017	0.0603	0.000175	0.000225	0.000106	0.0872	0.00000206	0.00033	0.000405	0.00144	0.000295
2042 Nov	0.000183	0.000984	0.0745	0.00000733	1.98	3.25	0.0288	0.000432	18.1	0.0017	0.0604	0.000175	0.000225	0.000106	0.0872	0.00000206	0.00033	0.000405	0.00144	0.000295
2042 Dec	0.000183	0.000984	0.0745	0.00000733	1.98	3.25	0.0288	0.000432	18.1	0.0017	0.0604	0.000175	0.000225	0.000106	0.0872	0.00000206	0.00033	0.000405	0.00144	0.000295
2043 Jan	0.000183	0.000984	0.0745	0.00000733	1.98	3.25	0.0288	0.000432	18.1	0.0017	0.0604	0.000175	0.000225	0.000106	0.0872	0.00000206	0.00033	0.000405	0.00144	0.000295
2043 Feb	0.000183	0.000984	0.0745	0.00000733	1.98	3.25	0.0288	0.000432	18.1	0.0017	0.0604	0.000175	0.000225	0.000106	0.0872	0.00000206	0.00033	0.000405	0.00144	0.000295
2043 Mar	0.000183	0.000984	0.0745	0.00000733	1.98	3.25	0.0288	0.000432	18.1	0.0017	0.0604	0.000175	0.000225	0.000106	0.0872	0.00000206	0.00033	0.000405	0.00144	0.000295
2043 Apr	0.000183	0.000984	0.0745	0.00000733	1.98	3.25	0.0288	0.000432	18.1	0.0017	0.0604	0.000175	0.000226	0.000106	0.0873	0.00000207	0.00033	0.000405	0.00144	0.000295
2043 May	0.000184	0.000986	0.0747	0.00000734	1.98	3.26	0.0289	0.000433	18.1	0.0017	0.0606	0.000175	0.000226	0.000106	0.0875	0.00000207	0.000331	0.000406	0.00144	0.000296
2043 Jun	0.000185	0.000969	0.0753	0.00000724	1.92	3.11	0.0288	0.000409	17	0.00165	0.0666	0.000179	0.00022	0.000103	0.0878	0.00000206	0.000304	0.000406	0.00143	0.000272
2043 Jul	0.000185	0.000971	0.0756	0.00000725	1.92	3.1	0.0289	0.000407	16.9	0.00165	0.0681	0.00018	0.00022	0.000103	0.0883	0.00000207	0.000303	0.000407	0.00143	0.00027
2043 Aug	0.000186	0.000976	0.0759	0.00000729	1.93	3.13	0.0291	0.000412	17	0.00167	0.0684	0.00018	0.000222	0.000104	0.0888	0.00000208	0.000307	0.000409	0.00144	0.000274
2043 Sep	0.000187	0.000979	0.0759	0.00000731	1.94	3.15	0.0292	0.000415	17.1	0.00168	0.0684	0.00018	0.000223	0.000105	0.089	0.00000208	0.00031	0.00041	0.00144	0.000278
2043 Oct	0.000186	0.00098	0.0758	0.00000731	1.95	3.16	0.0292	0.000417	17.1	0.00168	0.0683	0.00018	0.000224	0.000105	0.089	0.00000208	0.000312	0.00041	0.00144	0.00028
2043 Nov	0.000186	0.00098	0.0758	0.00000731	1.95	3.17	0.0292	0.000418	17.1	0.00168	0.0682	0.00018	0.000224	0.000105	0.089	0.00000208	0.000313	0.00041	0.00144	0.000281
2043 Dec	0.000186	0.00098	0.0758	0.00000732	1.95	3.17	0.0292	0.000418	17.1	0.00168	0.0682	0.00018	0.000224	0.000105	0.089	0.00000208	0.000313	0.00041	0.00144	0.000281
2044 Jan	0.000186	0.00098	0.0758	0.00000732	1.95	3.17	0.0292	0.000418	17.1	0.00168	0.0682	0.00018	0.000224	0.000105	0.089	0.00000208	0.000313	0.00041	0.00144	0.000281
2044 Feb	0.000186	0.00098	0.0758	0.00000732	1.95	3.17	0.0292	0.000418	17.1	0.00168	0.0682	0.00018	0.000224	0.000105	0.0891	0.00000208	0.000313	0.00041	0.00144	0.000281
2044 Mar	0.000186	0.00098	0.0758	0.00000732	1.95	3.17	0.0292	0.000418	17.1	0.00168	0.0682	0.00018	0.000224	0.000105	0.0891	0.00000208	0.000313	0.00041	0.00144	0.000281
2044 Apr	0.000186	0.00098	0.0758	0.00000732	1.95	3.17	0.0292	0.000418	17.1	0.00168	0.0683	0.00018	0.000224	0.000105	0.0891	0.00000208	0.000313	0.00041	0.00144	0.000281
2044 May	0.000187	0.000982	0.0759	0.00000733	1.95	3.17	0.0293	0.000419	17.2	0.00169	0.0684	0.00018	0.000224	0.000105	0.0892	0.00000208	0.000314	0.00041	0.00144	0.000281
2044 Jun	0.000185	0.000967	0.0758	0.00000726	1.9	3.05	0.0288	0.000401	16.3	0.00165	0.0728	0.000179	0.00022	0.000103	0.0889	0.00000208	0.000294	0.000407	0.00144	0.000263
2044 Jul	0.000184	0.000962	0.0757	0.00000722	1.88	2.98	0.0286	0.000391	15.9	0.00163	0.0758	0.000178	0.000218	0.000101	0.089	0.00000209	0.000284	0.000406	0.00144	0.000254
2044 Aug	0.000185	0.000968	0.0761	0.00000727	1.89	3.01	0.0287	0.000395	16.1	0.00164	0.0762	0.000179	0.00022	0.000102	0.0895	0.0000021	0.000287	0.000408	0.00145	0.000257
2044 Sep	0.000185	0.00097	0.076	0.00000728	1.9	3.04	0.0288	0.0004	16.1	0.00165	0.076	0.000178	0.000221	0.000103	0.0897	0.00000209	0.000292	0.000408	0.00145	0.000262
2044 Oct	0.000185	0.000971	0.0759	0.00000729	1.91	3.05	0.0288	0.000402	16.2	0.00166	0.0759	0.000178	0.000222	0.000103	0.0897	0.00000209	0.000294	0.000408	0.00145	0.000264
2044 Nov	0.000185	0.000971	0.0759	0.00000729	1.91	3.05	0.0288	0.000402	16.2	0.00166	0.0759	0.000178	0.000222	0.000103	0.0897	0.00000209	0.000295	0.000408	0.00145	0.000264
2044 Dec	0.000185	0.000971	0.0759	0.00000729	1.91	3.05	0.0288	0.000402	16.2	0.00166	0.0759	0.000178	0.000222	0.000103	0.0897	0.00000209	0.000295	0.000408	0.00145	0.000264

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Jan	0.000185	0.000971	0.0759	0.00000729	1.91	3.05	0.0288	0.000402	16.2	0.00166	0.0759	0.000178	0.000222	0.000103	0.0897	0.00000209	0.000295	0.000408	0.00145	0.000264
2045 Feb	0.000185	0.000971	0.0759	0.00000729	1.91	3.05	0.0288	0.000402	16.2	0.00166	0.0759	0.000178	0.000222	0.000103	0.0897	0.00000209	0.000295	0.000408	0.00145	0.000264
2045 Mar	0.000185	0.000971	0.0759	0.00000729	1.91	3.05	0.0288	0.000402	16.2	0.00166	0.076	0.000178	0.000222	0.000103	0.0897	0.00000209	0.000295	0.000408	0.00145	0.000264
2045 Apr	0.000185	0.000971	0.0759	0.00000729	1.91	3.05	0.0288	0.000402	16.2	0.00166	0.076	0.000178	0.000222	0.000103	0.0898	0.00000209	0.000295	0.000408	0.00145	0.000264
2045 May	0.000186	0.000972	0.076	0.0000073	1.91	3.05	0.0289	0.000403	16.2	0.00166	0.0761	0.000178	0.000222	0.000103	0.0899	0.0000021	0.000295	0.000409	0.00145	0.000265
2045 Jun	0.000183	0.000966	0.0755	0.00000729	1.89	3	0.0284	0.000396	15.9	0.00164	0.0779	0.000175	0.000221	0.000102	0.0894	0.0000021	0.000287	0.000405	0.00145	0.000258
2045 Jul	0.000182	0.000963	0.0752	0.00000728	1.87	2.95	0.028	0.00039	15.6	0.00163	0.0799	0.000172	0.00022	0.000101	0.0892	0.00000211	0.000281	0.000403	0.00146	0.000252
2045 Aug	0.000182	0.000967	0.0754	0.00000732	1.89	2.98	0.0281	0.000394	15.7	0.00164	0.0801	0.000173	0.000222	0.000102	0.0897	0.00000212	0.000285	0.000405	0.00146	0.000256
2045 Sep	0.000182	0.00097	0.0755	0.00000734	1.9	3	0.0282	0.000397	15.8	0.00165	0.0801	0.000173	0.000223	0.000103	0.0899	0.00000212	0.000288	0.000405	0.00146	0.000259
2045 Oct	0.000183	0.000971	0.0755	0.00000735	1.9	3	0.0283	0.000398	15.8	0.00166	0.0802	0.000173	0.000224	0.000103	0.09	0.00000212	0.000289	0.000406	0.00146	0.00026
2045 Nov	0.000183	0.000971	0.0755	0.00000735	1.9	3	0.0283	0.000398	15.8	0.00166	0.0802	0.000173	0.000224	0.000103	0.09	0.00000212	0.000289	0.000406	0.00146	0.00026
2045 Dec	0.000183	0.000971	0.0755	0.00000735	1.9	3	0.0283	0.000398	15.8	0.00166	0.0802	0.000173	0.000224	0.000103	0.09	0.00000212	0.000289	0.000406	0.00146	0.00026
2046 Jan	0.000183	0.000971	0.0755	0.00000735	1.9	3	0.0283	0.000398	15.8	0.00166	0.0802	0.000173	0.000224	0.000103	0.09	0.00000212	0.000289	0.000406	0.00146	0.00026
2046 Feb	0.000183	0.000971	0.0755	0.00000735	1.9	3	0.0283	0.000398	15.8	0.00166	0.0802	0.000173	0.000224	0.000103	0.09	0.00000212	0.000289	0.000406	0.00146	0.00026
2046 Mar	0.000183	0.000971	0.0755	0.00000735	1.9	3	0.0283	0.000399	15.8	0.00166	0.0802	0.000173	0.000224	0.000103	0.09	0.00000212	0.000289	0.000406	0.00147	0.00026
2046 Apr	0.000183	0.000972	0.0756	0.00000735	1.9	3	0.0283	0.000399	15.8	0.00166	0.0802	0.000173	0.000224	0.000103	0.09	0.00000212	0.00029	0.000406	0.00147	0.00026
2046 May	0.000183	0.000973	0.0757	0.00000736	1.91	3.01	0.0283	0.000399	15.9	0.00166	0.0803	0.000173	0.000224	0.000103	0.0902	0.00000212	0.00029	0.000407	0.00147	0.000261
2046 Jun	0.000179	0.000962	0.0748	0.00000734	1.87	2.93	0.0276	0.000388	15.5	0.00164	0.0819	0.000168	0.000223	0.000101	0.0891	0.00000213	0.00028	0.000402	0.00147	0.000252
2046 Jul	0.000173	0.000945	0.0731	0.00000725	1.82	2.81	0.0264	0.000372	14.9	0.0016	0.0845	0.00016	0.00022	0.0000984	0.0876	0.00000213	0.000266	0.000395	0.00147	0.000239
2046 Aug	0.000174	0.000949	0.0733	0.00000729	1.84	2.83	0.0266	0.000376	15	0.00161	0.0847	0.00016	0.000222	0.0000991	0.088	0.00000213	0.000269	0.000396	0.00148	0.000243
2046 Sep	0.000174	0.000951	0.0732	0.0000073	1.85	2.86	0.0266	0.000381	15.1	0.00162	0.0845	0.00016	0.000223	0.0000998	0.0881	0.00000213	0.000274	0.000396	0.00148	0.000248
2046 Oct	0.000172	0.000949	0.0728	0.00000728	1.84	2.84	0.0264	0.000379	15.1	0.00162	0.0849	0.000158	0.000223	0.0000994	0.0878	0.00000213	0.000273	0.000393	0.00148	0.000246
2046 Nov	0.000172	0.000948	0.0727	0.00000727	1.84	2.84	0.0263	0.000379	15	0.00161	0.0851	0.000157	0.000222	0.0000992	0.0878	0.00000213	0.000272	0.000392	0.00147	0.000246
2046 Dec	0.000172	0.000948	0.0727	0.00000727	1.84	2.84	0.0263	0.000379	15	0.00161	0.0851	0.000157	0.000222	0.0000992	0.0878	0.00000213	0.000272	0.000393	0.00147	0.000246
2047 Jan	0.000172	0.000948	0.0727	0.00000727	1.84	2.84	0.0263	0.000379	15	0.00161	0.0851	0.000157	0.000222	0.0000992	0.0878	0.00000213	0.000272	0.000393	0.00147	0.000246
2047 Feb	0.000172	0.000948	0.0727	0.00000727	1.84	2.84	0.0263	0.000379	15	0.00161	0.0851	0.000157	0.000222	0.0000992	0.0878	0.00000213	0.000272	0.000393	0.00147	0.000246
2047 Mar	0.000172	0.000948	0.0727	0.00000727	1.84	2.84	0.0263	0.000379	15	0.00161	0.0851	0.000157	0.000222	0.0000993	0.0878	0.00000213	0.000272	0.000393	0.00147	0.000246
2047 Apr	0.000172	0.000948	0.0727	0.00000727	1.84	2.84	0.0263	0.000379	15	0.00161	0.0851	0.000157	0.000222	0.0000993	0.0878	0.00000213	0.000272	0.000393	0.00148	0.000246
2047 May	0.000172	0.000948	0.0728	0.00000727	1.84	2.83	0.0264	0.000378	15	0.00161	0.0854	0.000158	0.000222	0.0000992	0.0879	0.00000213	0.000271	0.000393	0.00148	0.000245
2047 Jun	0.000173	0.000935	0.0722	0.00000706	1.8	2.75	0.0264	0.000362	14.6	0.00157	0.0874	0.000161	0.000216	0.0000972	0.0876	0.00000211	0.000256	0.00039	0.00145	0.000232
2047 Jul	0.000174	0.00094	0.0725	0.0000071	1.81	2.77	0.0265	0.000366	14.7	0.00158	0.0878	0.000161	0.000218	0.0000979	0.0881	0.00000212	0.000259	0.000392	0.00145	0.000235
2047 Aug	0.000175	0.000945	0.0728	0.00000714	1.82	2.8	0.0267	0.000369	14.8	0.0016	0.0881	0.000162	0.00022	0.0000987	0.0885	0.00000213	0.000263	0.000394	0.00146	0.000238
2047 Sep	0.000175	0.000947	0.0727	0.00000715	1.84	2.82	0.0268	0.000374	14.9	0.00161	0.088	0.000162	0.000221	0.0000994	0.0887	0.00000212	0.000267	0.000394	0.00146	0.000243
2047 Oct	0.000175	0.000948	0.0726	0.00000716	1.84	2.84	0.0268	0.000376	14.9	0.00161	0.0878	0.000162	0.000222	0.0000997	0.0887	0.00000212	0.00027	0.000394	0.00146	0.000245
2047 Nov	0.000175	0.000948	0.0726	0.00000716	1.84	2.84	0.0268	0.000377	14.9	0.00161	0.0878	0.000162	0.000222	0.0000998	0.0888	0.00000212	0.000271	0.000394	0.00146	0.000246
2047 Dec	0.000175	0.000948	0.0726	0.00000716	1.84	2.84	0.0268	0.000377	14.9	0.00161	0.0878	0.000162	0.000222	0.0000998	0.0888	0.00000212	0.000271	0.000394	0.00146	0.000246
2048 Jan	0.000175	0.000948	0.0726	0.00000716	1.84	2.84	0.0268	0.000377	14.9	0.00161	0.0878	0.000162	0.000222	0.0000998	0.0888	0.00000212	0.000271	0.000394	0.00146	0.000246
2048 Feb	0.000175	0.000948	0.0726	0.00000716	1.84	2.84	0.0268	0.000377	14.9	0.00161	0.0878	0.000162	0.000222	0.0000998	0.0888	0.00000212	0.000271	0.000394	0.00146	0.000246
2048 Mar	0.000175	0.000948	0.0726	0.00000716	1.84	2.84	0.0268	0.000377	14.9	0.00161	0.0878	0.000162	0.000222	0.0000998	0.0888	0.00000212	0.000271	0.000394	0.00146	0.000246
2048 Apr	0.000175	0.000948	0.0727	0.00000716	1.85	2.84	0.0268	0.000377	14.9	0.00161	0.0879	0.000162	0.000222	0.0000999	0.0888	0.00000212	0.000271	0.000394	0.00146	0.000246
2048 May	0.000175	0.00095	0.0728	0.00000717	1.85	2.84	0.0268	0.000378	15	0.00162	0.088	0.000162	0.000222	0.0001	0.0889	0.00000212	0.000271	0.000394	0.00146	0.000246
2048 Jun	0.000172	0.000937	0.0717	0.00000706	1.81	2.77	0.0263	0.000366	14.6	0.00159	0.0886	0.000159	0.000219	0.000098	0.0879	0.00000211	0.000261	0.000389	0.00145	0.000237
2048 Jul	0.000169	0.000922	0.0703	0.00000692	1.77	2.68	0.0256	0.000354	14.3	0.00155	0.0895	0.000155	0.000215	0.0000959	0.0866	0.0000021	0.000251	0.000382	0.00143	0.000228
2048 Aug	0.000169	0.000927	0.0704	0.00000695	1.79	2.71	0.0258	0.000359	14.4	0.00157	0.0895	0.000155	0.000217	0.0000968	0.087	0.0000021	0.000256	0.000383	0.00144	0.000233
2048 Sep	0.00017	0.000929	0.0704	0.00000697	1.8	2.74	0.0258	0.000363	14.5	0.00158	0.0895	0.000155	0.000218	0.0000974	0.0872	0.0000021	0.00026	0.000384	0.00144	0.000237
2048 Oct	0.000169	0.000929	0.0703	0.00000697	1.8	2.74	0.0258	0.000365	14.5	0.00158	0.0895	0.000155	0.000218	0.0000976	0.0872	0.0000021	0.000261	0.000383	0.00144	0.000238
2048 Nov	0.000169	0.000929	0.0702	0.00000697	1.8	2.74	0.0258	0.000365	14.5	0.00158	0.0895	0.000154	0.000218	0.0000976	0.0872	0.0000021	0.000261	0.000383	0.00144	0.000238
2048 Dec	0.000169	0.000929	0.0702	0.00000697	1.8	2.74	0.0258	0.000365	14.5	0.00158	0.0895	0.000154	0.000218	0.0000976	0.0872	0.0000021	0.000261	0.000383	0.00144	0.000238
2049 Jan	0.000169	0.000929	0.0702	0.00000697	1.8	2.74	0.0258	0.000365	14.5	0.00158	0.0895	0.000154	0.000218	0.0000976	0.0872	0.0000021	0.000261	0.000383	0.00144	0.000238
2049 Feb	0.000169	0.000929	0.0702	0.00000697	1.8	2.74	0.0258	0.000365	14.5	0.00158	0.0895	0.000154	0.000218	0.0000976	0.0872	0.0000021	0.000261	0.000383	0.00144	0.000238
2049 Mar	0.000169	0.000929	0.0702	0.00000697	1.8	2.74	0.0258	0.000365	14.5	0.00158	0.0895	0.000154	0.000218	0.0000976	0.0872	0.0000021	0.000261	0.000383	0.00144	0.000238
2049 Apr	0.000169	0.00093	0.0703	0.00000697	1.8	2.74	0.0258	0.000365	14.5	0.00158	0.0895	0.000154	0.000218	0.0000976	0.0872	0.0000021	0.000261	0.000383	0.00144	0.000238
2049 May	0.00017	0.000931	0.0704	0.00000698	1.81	2.75	0.0258	0.000365	14.6	0.00158	0.0897	0.000155	0.000219	0.0000978	0.0874	0.0000021	0.000262	0.000383	0.00144	0.000239
2049 Jun	0.000163	0.00091	0.0679	0.00000679	1.76	2.64	0.0247	0.000352	14.2	0.00154	0.0897	0.000147	0.000213	0.000095	0.0852	0.00000208	0.000251	0.00037	0.00141	0.000229
2049 Jul	0.000159	0.000896	0.0661	0.00000665	1.73	2.58	0.0239	0.000345	14.1	0.00151	0.09	0.000141	0.000211	0.0000935	0.0838	0.00000206	0.000246	0.000361	0.0014	0.000225
2049 Aug	0.00016	0.000902	0.0664	0.00000669	1.74	2.6	0.0241	0.000348	14.2	0.00152	0.0904	0.000142	0.000212	0.0000942	0.0843	0.00000207	0.000249	0.000363	0.0014	0.000228
2049 Sep	0.00016	0.000904	0.0663	0.00000671	1.76	2.63	0.0241	0.000353	14.2	0.00154	0.0903	0.000141	0.000214	0.0000949	0.0845	0.00000207	0.000254	0.000363	0.0014	0.000233
2049 Oct	0.00016	0.000905	0.0663	0.00000672	1.76	2.64	0.0242	0.000355	14.3	0.00154	0.0901	0.000141	0.000214	0.0000953	0.0845	0.00000207	0.000257	0.000363	0.0014	0.000236
2049 Nov	0.00016	0.000906	0.0663	0.00000672	1.77	2.65	0.0242	0.000356	14.3	0.00154	0.0901	0.000141	0.000214	0.0000954	0.0846	0.00000207	0.000257	0.000363	0.0014	0.000236
2049 Dec	0.00016	0.000906	0.0663	0.00000672	1.77	2.65	0.0242	0.000356	14.3	0.00154	0.0901	0.000141	0.000214	0.0000954	0.0846	0.00000207	0.000257	0.000363	0.0014	0.000236
2050 Jan	0.00016	0.000906	0.0663	0.00000672	1.77	2.65	0.0242	0.000356	14.3	0.00154	0.0901	0.000141	0.000214	0.0000954	0.0846	0.00000207	0.000257	0.000363	0.0014	0.000236
2050 Feb	0.00016	0.000906	0.0663	0.00000672	1.77	2.65	0.0242	0.000356	14.3	0.00154	0.0901	0.000141	0.000214	0.0000954	0.0846	0.00000207	0.000257	0.000363	0.0014	0.000236
2050 Mar	0.00016	0.000906	0.0663	0.00000672	1.77	2.65	0.0242	0.000356	14.3	0.00154	0.0901	0.000141	0.000214	0.0000954	0.0846	0.00000207	0.000257	0.000363	0.0014	0.000236
2050 Apr	0.00016	0.000906	0.0663	0.00000672	1.77	2.65	0.0242	0.000356	14.3	0.00154	0.0901	0.000141	0.000214	0.0000954	0.0846	0.00000207	0.000257	0.000363	0.0014	0.000236
2050 May	0.00016	0.000907	0.0664	0.00000673	1.77	2.65	0.0242	0.000357	14.3	0.00154	0.0902	0.000141	0.000215	0.0000955	0.0847	0.00000207	0.000258	0.000364	0.0014	0.000236
2050 Jun	0.000157	0.000897	0.0654	0.00000666	1.74	2.6	0.0237	0.00035	14.1	0.00152	0.0897	0.000138	0.000212	0.0000941	0.0836	0.00000206	0.000252	0.000358	0.00139	0.000231
2050 Jul	0.000153	0.000885	0.0639	0.00000655	1.72	2.55	0.0231	0.000344	14	0.0015	0.0894	0.000133	0.00021	0.0000927	0.0824	0.00000204	0.000249	0.000351	0.00138	0.000228

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Aug	0.000154	0.000889	0.0641	0.00000658	1.73	2.57	0.0232	0.000348	14.1	0.00151	0.0896	0.000133	0.000212	0.0000934	0.0828	0.00000205	0.000252	0.000352	0.00138	0.000231
2050 Sep	0.000154	0.000892	0.0641	0.0000066	1.75	2.59	0.0232	0.000352	14.1	0.00152	0.0896	0.000133	0.000213	0.000094	0.083	0.00000205	0.000256	0.000353	0.00139	0.000235
2050 Oct	0.000154	0.000893	0.0641	0.00000661	1.75	2.6	0.0233	0.000352	14.2	0.00152	0.0896	0.000134	0.000213	0.0000942	0.0831	0.00000205	0.000257	0.000353	0.00139	0.000236
2050 Nov	0.000154	0.000893	0.0642	0.00000661	1.75	2.6	0.0233	0.000353	14.2	0.00153	0.0897	0.000134	0.000213	0.0000942	0.0831	0.00000205	0.000257	0.000353	0.00139	0.000236
2050 Dec	0.000154	0.000893	0.0642	0.00000661	1.75	2.6	0.0233	0.000353	14.2	0.00153	0.0897	0.000134	0.000213	0.0000942	0.0831	0.00000205	0.000257	0.000353	0.00139	0.000236
2051 Jan	0.000154	0.000893	0.0642	0.00000661	1.75	2.6	0.0233	0.000353	14.2	0.00153	0.0897	0.000134	0.000213	0.0000942	0.0831	0.00000205	0.000257	0.000353	0.00139	0.000236
2051 Feb	0.000154	0.000893	0.0642	0.00000661	1.75	2.6	0.0233	0.000353	14.2	0.00153	0.0897	0.000134	0.000213	0.0000942	0.0831	0.00000205	0.000257	0.000353	0.00139	0.000236
2051 Mar	0.000154	0.000893	0.0642	0.00000661	1.75	2.6	0.0233	0.000353	14.2	0.00153	0.0897	0.000134	0.000213	0.0000943	0.0831	0.00000205	0.000257	0.000353	0.00139	0.000236
2051 Apr	0.000154	0.000893	0.0642	0.00000661	1.75	2.6	0.0233	0.000353	14.2	0.00153	0.0897	0.000134	0.000213	0.0000943	0.0831	0.00000205	0.000257	0.000353	0.00139	0.000236
2051 May	0.000154	0.000895	0.0643	0.00000662	1.75	2.6	0.0233	0.000353	14.2	0.00153	0.0898	0.000134	0.000214	0.0000945	0.0833	0.00000205	0.000257	0.000354	0.00139	0.000237
2051 Jun	0.000155	0.000879	0.0638	0.00000645	1.71	2.53	0.0233	0.000339	13.9	0.00149	0.0886	0.000137	0.000209	0.0000924	0.0824	0.00000202	0.000246	0.000352	0.00137	0.000226
2051 Jul	0.000153	0.00087	0.0628	0.00000633	1.7	2.49	0.0231	0.000333	13.8	0.00147	0.0883	0.000136	0.000207	0.0000915	0.0817	0.00000201	0.000243	0.000348	0.00135	0.000223
2051 Aug	0.000153	0.000874	0.0629	0.00000636	1.71	2.53	0.0232	0.000338	13.9	0.00149	0.0884	0.000136	0.000209	0.0000925	0.082	0.00000201	0.000248	0.000349	0.00135	0.000229
2051 Sep	0.000153	0.000874	0.0626	0.00000635	1.72	2.54	0.0232	0.000342	13.9	0.00149	0.0881	0.000135	0.000209	0.0000928	0.082	0.000002	0.000252	0.000347	0.00135	0.000232
2051 Oct	0.00015	0.000864	0.0612	0.00000623	1.7	2.5	0.0226	0.000339	13.8	0.00147	0.0876	0.000131	0.000205	0.0000915	0.081	0.00000198	0.000248	0.000338	0.00132	0.000229
2051 Nov	0.00015	0.000863	0.0611	0.00000622	1.7	2.49	0.0226	0.000339	13.8	0.00147	0.0876	0.00013	0.000204	0.0000914	0.0809	0.00000198	0.000248	0.000337	0.00132	0.000228
2051 Dec	0.00015	0.000863	0.0611	0.00000622	1.7	2.49	0.0226	0.000339	13.8	0.00147	0.0876	0.00013	0.000204	0.0000914	0.0809	0.00000198	0.000248	0.000337	0.00132	0.000228
2052 Jan	0.00015	0.000863	0.0611	0.00000622	1.7	2.49	0.0226	0.000339	13.8	0.00147	0.0876	0.00013	0.000204	0.0000914	0.0809	0.00000198	0.000248	0.000337	0.00132	0.000228
2052 Feb	0.00015	0.000863	0.0611	0.00000622	1.7	2.49	0.0226	0.000339	13.8	0.00147	0.0876	0.00013	0.000204	0.0000914	0.0809	0.00000198	0.000248	0.000337	0.00132	0.000228
2052 Mar	0.00015	0.000864	0.0611	0.00000622	1.7	2.49	0.0226	0.000339	13.8	0.00147	0.0876	0.00013	0.000204	0.0000914	0.081	0.00000198	0.000248	0.000337	0.00132	0.000228
2052 Apr	0.00015	0.000864	0.0611	0.00000622	1.7	2.49	0.0226	0.000339	13.8	0.00147	0.0876	0.00013	0.000204	0.0000914	0.081	0.00000198	0.000248	0.000337	0.00132	0.000228
2052 May	0.00015	0.000865	0.0612	0.00000623	1.7	2.5	0.0226	0.00034	13.8	0.00147	0.0877	0.000131	0.000205	0.0000916	0.0811	0.00000199	0.000249	0.000338	0.00132	0.000229
2052 Jun	0.000152	0.000862	0.0613	0.00000614	1.69	2.49	0.0228	0.000338	13.7	0.00146	0.0871	0.000134	0.000202	0.0000912	0.0813	0.00000197	0.000246	0.000337	0.0013	0.000226
2052 Jul	0.000152	0.000865	0.0613	0.00000616	1.71	2.52	0.023	0.000343	13.8	0.00147	0.087	0.000134	0.000203	0.000092	0.0816	0.00000197	0.000251	0.000337	0.0013	0.000231
2052 Aug	0.000153	0.000869	0.0614	0.00000619	1.72	2.54	0.0231	0.000348	13.9	0.00148	0.0871	0.000134	0.000205	0.0000928	0.082	0.00000198	0.000256	0.000338	0.0013	0.000236
2052 Sep	0.000153	0.000872	0.0614	0.0000062	1.73	2.57	0.0232	0.000351	14	0.00149	0.0871	0.000134	0.000206	0.0000934	0.0821	0.00000198	0.000259	0.000338	0.0013	0.000239
2052 Oct	0.000153	0.000872	0.0615	0.0000062	1.74	2.57	0.0232	0.000352	14	0.00149	0.087	0.000134	0.000206	0.0000934	0.0822	0.00000198	0.000259	0.000338	0.0013	0.000239
2052 Nov	0.000153	0.000872	0.0615	0.0000062	1.74	2.57	0.0232	0.000352	14	0.00149	0.087	0.000134	0.000206	0.0000935	0.0822	0.00000198	0.00026	0.000338	0.0013	0.000239
2052 Dec	0.000153	0.000872	0.0615	0.0000062	1.74	2.57	0.0232	0.000352	14	0.00149	0.087	0.000134	0.000206	0.0000935	0.0822	0.00000198	0.00026	0.000338	0.0013	0.000239
2053 Jan	0.000153	0.000872	0.0615	0.0000062	1.74	2.57	0.0232	0.000352	14	0.00149	0.087	0.000134	0.000206	0.0000935	0.0822	0.00000198	0.00026	0.000338	0.0013	0.000239
2053 Feb	0.000153	0.000873	0.0615	0.00000621	1.74	2.57	0.0232	0.000352	14	0.00149	0.087	0.000134	0.000206	0.0000935	0.0822	0.00000198	0.00026	0.000338	0.0013	0.000239
2053 Mar	0.000153	0.000873	0.0615	0.00000621	1.74	2.57	0.0232	0.000352	14	0.00149	0.087	0.000134	0.000206	0.0000935	0.0823	0.00000198	0.00026	0.000338	0.0013	0.000239
2053 Apr	0.000153	0.000873	0.0615	0.00000621	1.74	2.57	0.0232	0.000352	14	0.00149	0.0871	0.000134	0.000206	0.0000935	0.0823	0.00000198	0.00026	0.000338	0.0013	0.000239
2053 May	0.000154	0.000875	0.062	0.00000622	1.74	2.57	0.0234	0.000352	14	0.0015	0.087	0.000136	0.000206	0.0000936	0.0827	0.00000198	0.000259	0.00034	0.0013	0.000238
2053 Jun	0.000164	0.000877	0.0644	0.00000613	1.73	2.57	0.0249	0.000346	13.8	0.00148	0.0856	0.000152	0.000201	0.0000934	0.0844	0.00000197	0.00025	0.00035	0.00128	0.000229
2053 Jul	0.000165	0.00088	0.0648	0.00000612	1.74	2.59	0.0252	0.000348	13.9	0.00148	0.0856	0.000155	0.000201	0.0000939	0.0849	0.00000197	0.000251	0.000353	0.00128	0.00023
2053 Aug	0.000166	0.000885	0.065	0.00000616	1.75	2.62	0.0254	0.000352	14	0.0015	0.0859	0.000155	0.000203	0.0000947	0.0854	0.00000198	0.000255	0.000354	0.00129	0.000234
2053 Sep	0.000167	0.000888	0.0652	0.00000618	1.76	2.63	0.0255	0.000354	14	0.0015	0.0862	0.000155	0.000204	0.0000952	0.0857	0.00000199	0.000257	0.000356	0.00129	0.000236
2053 Oct	0.000167	0.000889	0.0652	0.00000619	1.77	2.64	0.0255	0.000355	14.1	0.00151	0.0862	0.000156	0.000204	0.0000954	0.0858	0.00000199	0.000258	0.000356	0.00129	0.000237
2053 Nov	0.000167	0.00089	0.0652	0.00000619	1.77	2.64	0.0255	0.000356	14.1	0.00151	0.0862	0.000156	0.000204	0.0000955	0.0858	0.00000199	0.000259	0.000356	0.00129	0.000237
2053 Dec	0.000167	0.00089	0.0652	0.00000619	1.77	2.64	0.0255	0.000356	14.1	0.00151	0.0862	0.000156	0.000204	0.0000955	0.0858	0.00000199	0.000259	0.000356	0.00129	0.000237
2054 Jan	0.000167	0.00089	0.0652	0.00000619	1.77	2.64	0.0255	0.000356	14.1	0.00151	0.0862	0.000156	0.000204	0.0000955	0.0858	0.00000199	0.000259	0.000356	0.00129	0.000237
2054 Feb	0.000167	0.00089	0.0652	0.00000619	1.77	2.64	0.0255	0.000356	14.1	0.00151	0.0862	0.000156	0.000204	0.0000955	0.0858	0.00000199	0.000259	0.000356	0.00129	0.000237
2054 Mar	0.000167	0.00089	0.0652	0.00000619	1.77	2.64	0.0255	0.000356	14.1	0.00151	0.0862	0.000156	0.000204	0.0000955	0.0858	0.00000199	0.000259	0.000356	0.00129	0.000237
2054 Apr	0.000167	0.00089	0.0653	0.0000062	1.77	2.64	0.0255	0.000356	14.1	0.00151	0.0862	0.000156	0.000205	0.0000955	0.0858	0.00000199	0.000259	0.000356	0.00129	0.000237
2054 May	0.000167	0.000891	0.0654	0.00000621	1.77	2.65	0.0256	0.000357	14.1	0.00151	0.0863	0.000156	0.000205	0.0000957	0.086	0.00000199	0.00026	0.000357	0.00129	0.000238
2054 Jun	0.000171	0.000895	0.0664	0.00000623	1.79	2.68	0.0263	0.000359	14.1	0.00152	0.0854	0.000162	0.000207	0.0000967	0.0868	0.00000199	0.000263	0.000364	0.0013	0.000241
2054 Jul	0.000174	0.000898	0.0675	0.00000625	1.8	2.7	0.0269	0.000359	14.1	0.00153	0.0849	0.000168	0.000207	0.0000972	0.0877	0.00000199	0.000263	0.000371	0.0013	0.000241
2054 Aug	0.000175	0.000902	0.0676	0.00000628	1.81	2.73	0.0271	0.000364	14.2	0.00154	0.0849	0.000168	0.000209	0.0000981	0.0881	0.00000199	0.000268	0.000372	0.0013	0.000246
2054 Sep	0.000175	0.000905	0.0677	0.0000063	1.82	2.75	0.0272	0.000367	14.3	0.00155	0.0849	0.000168	0.00021	0.0000986	0.0883	0.00000199	0.000271	0.000372	0.0013	0.000248
2054 Oct	0.000176	0.000905	0.0679	0.00000631	1.82	2.75	0.0273	0.000367	14.3	0.00155	0.0847	0.000169	0.00021	0.0000986	0.0885	0.000002	0.00027	0.000373	0.0013	0.000247
2054 Nov	0.000176	0.000905	0.0681	0.00000631	1.82	2.75	0.0273	0.000367	14.3	0.00155	0.0846	0.00017	0.000209	0.0000985	0.0885	0.000002	0.000269	0.000373	0.0013	0.000246
2054 Dec	0.000176	0.000905	0.0681	0.00000631	1.82	2.75	0.0273	0.000367	14.3	0.00155	0.0846	0.00017	0.000209	0.0000985	0.0885	0.000002	0.000269	0.000373	0.0013	0.000246
2055 Jan	0.000176	0.000905	0.0681	0.00000631	1.82	2.75	0.0273	0.000367	14.3	0.00155	0.0846	0.00017	0.000209	0.0000985	0.0885	0.000002	0.000269	0.000373	0.0013	0.000246
2055 Feb	0.000176	0.000905	0.0681	0.00000631	1.82	2.75	0.0273	0.000367	14.3	0.00155	0.0846	0.00017	0.000209	0.0000985	0.0885	0.000002	0.000269	0.000373	0.0013	0.000246
2055 Mar	0.000176	0.000905	0.0681	0.00000631	1.82	2.75	0.0273	0.000367	14.3	0.00155	0.0846	0.00017	0.000209	0.0000985	0.0885	0.000002	0.000269	0.000373	0.0013	0.000246
2055 Apr	0.000176	0.000906	0.0681	0.00000631	1.82	2.75	0.0273	0.000367	14.3	0.00155	0.0846	0.00017	0.000209	0.0000985	0.0885	0.000002	0.000269	0.000373	0.0013	0.000246
2055 May	0.000176	0.000907	0.0682	0.00000632	1.82	2.75	0.0273	0.000367	14.3	0.00155	0.0847	0.00017	0.00021	0.0000986	0.0886	0.000002	0.00027	0.000374	0.00131	0.000247
2055 Jun	0.000174	0.000892	0.0676	0.00000626	1.78	2.67	0.0268	0.000356	13.9	0.00151	0.0829	0.000167	0.000206	0.0000963	0.0874	0.00000199	0.000258	0.00037	0.0013	0.000235
2055 Jul	0.000171	0.000882	0.0666	0.0000062	1.76	2.62	0.0263	0.000351	13.7	0.00149	0.0821	0.000164	0.000204	0.000095	0.0865	0.00000199	0.000253	0.000365	0.00129	0.00023
2055 Aug	0.000171	0.000887	0.0668	0.00000623	1.77	2.64	0.0264	0.000354	13.8	0.0015	0.0823	0.000165	0.000206	0.0000958	0.0869	0.00000199	0.000257	0.000367	0.0013	0.000234
2055 Sep	0.000172	0.000889	0.0668	0.00000625	1.78	2.66	0.0265	0.000358	13.9	0.00151	0.0823	0.000165	0.000207	0.0000964	0.0871	0.00000199	0.000261	0.000367	0.0013	0.000238
2055 Oct	0.000172	0.00089	0.0669	0.00000626	1.79	2.67	0.0266	0.000359	13.9	0.00152	0.0823	0.000165	0.000207	0.0000966	0.0872	0.000002	0.000262	0.000368	0.0013	0.000239
2055 Nov	0.000172	0.00089	0.0669	0.00000626	1.79	2.67	0.0266	0.00036	13.9	0.00152	0.0823	0.000165	0.000207	0.0000966	0.0872	0.000002	0.000262	0.000368	0.0013	0.000239
2055 Dec	0.000172	0.000891	0.0669	0.00000626	1.79	2.67	0.0266	0.00036	13.9	0.00152	0.0823	0.000165	0.000207	0.0000967	0.0872	0.000002	0.000262	0.000368	0.0013	0.000239
2056 Jan	0.000172	0.000891	0.0669	0.00000626	1.79	2.67	0.0266	0.00036	13.9	0.00152	0.0823	0.000165	0.000207	0.0000967	0.0872	0.000002	0.000262	0.000368	0.0013	0.000239
2056 Feb	0.000172	0.000891	0.0669	0.00000626	1.79	2.67	0.0266	0.00036	13.9	0.00152	0.0823	0.000165	0.000207	0.0000967	0.0872	0.000002	0.000262	0.000368	0.0013	0.000239

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.000172	0.000891	0.0669	0.00000626	1.79	2.67	0.0266	0.00036	13.9	0.00152	0.0823	0.000165	0.000207	0.0000967	0.0872	0.000002	0.000262	0.000368	0.0013	0.000239
2056 Apr	0.000172	0.000891	0.0669	0.00000626	1.79	2.67	0.0266	0.00036	13.9	0.00152	0.0823	0.000165	0.000207	0.0000967	0.0872	0.000002	0.000262	0.000368	0.0013	0.000239
2056 May	0.000172	0.000893	0.0671	0.00000627	1.79	2.68	0.0267	0.000361	14	0.00152	0.0823	0.000166	0.000208	0.0000969	0.0875	0.000002	0.000263	0.000369	0.0013	0.00024
2056 Jun	0.000177	0.000891	0.0684	0.00000626	1.79	2.68	0.0275	0.000358	13.8	0.00151	0.0809	0.000174	0.000207	0.0000969	0.0882	0.00000199	0.00026	0.000377	0.0013	0.000236
2056 Jul	0.000178	0.000895	0.0688	0.00000628	1.8	2.7	0.0277	0.00036	13.9	0.00152	0.081	0.000175	0.000208	0.0000975	0.0887	0.000002	0.000262	0.000379	0.00131	0.000238
2056 Aug	0.000179	0.000899	0.0689	0.00000631	1.82	2.73	0.0278	0.000365	14	0.00154	0.0811	0.000175	0.00021	0.0000984	0.0891	0.00000201	0.000267	0.000381	0.00131	0.000243
2056 Sep	0.000179	0.000902	0.069	0.00000634	1.83	2.75	0.0279	0.000368	14.1	0.00154	0.0813	0.000176	0.000211	0.0000989	0.0894	0.00000201	0.00027	0.000381	0.00131	0.000245
2056 Oct	0.000179	0.000903	0.069	0.00000634	1.83	2.76	0.028	0.00037	14.1	0.00155	0.0811	0.000175	0.000212	0.0000993	0.0894	0.00000201	0.000272	0.000381	0.00131	0.000248
2056 Nov	0.000179	0.000903	0.069	0.00000635	1.84	2.77	0.028	0.000371	14.1	0.00155	0.0811	0.000175	0.000212	0.0000993	0.0894	0.00000201	0.000273	0.000381	0.00131	0.000248
2056 Dec	0.000179	0.000903	0.069	0.00000635	1.84	2.77	0.028	0.000371	14.1	0.00155	0.0811	0.000175	0.000212	0.0000993	0.0894	0.00000201	0.000273	0.000381	0.00131	0.000248
2057 Jan	0.000179	0.000903	0.069	0.00000635	1.84	2.77	0.028	0.000371	14.1	0.00155	0.0811	0.000175	0.000212	0.0000993	0.0894	0.00000201	0.000273	0.000381	0.00131	0.000248
2057 Feb	0.000179	0.000903	0.069	0.00000635	1.84	2.77	0.028	0.000371	14.1	0.00155	0.0811	0.000175	0.000212	0.0000993	0.0894	0.00000201	0.000273	0.000381	0.00131	0.000248
2057 Mar	0.000179	0.000903	0.069	0.00000635	1.84	2.77	0.028	0.000371	14.1	0.00155	0.0811	0.000175	0.000212	0.0000994	0.0894	0.00000201	0.000273	0.000381	0.00131	0.000248
2057 Apr	0.000179	0.000904	0.069	0.00000635	1.84	2.77	0.028	0.000371	14.1	0.00155	0.0812	0.000175	0.000212	0.0000994	0.0895	0.00000201	0.000273	0.000382	0.00131	0.000249
2057 May	0.000179	0.000905	0.0691	0.00000636	1.84	2.77	0.0281	0.000372	14.2	0.00155	0.0813	0.000176	0.000213	0.0000996	0.0896	0.00000201	0.000274	0.000382	0.00131	0.000249
2057 Jun	0.000184	0.000906	0.0709	0.00000641	1.83	2.76	0.0288	0.000367	14	0.00155	0.0797	0.000183	0.000212	0.0000992	0.0904	0.00000202	0.000268	0.000391	0.00132	0.000242
2057 Jul	0.000185	0.000909	0.0714	0.00000644	1.84	2.77	0.029	0.000368	14	0.00155	0.0795	0.000185	0.000213	0.0000996	0.0909	0.00000203	0.000268	0.000395	0.00133	0.000242
2057 Aug	0.000186	0.000915	0.0718	0.00000648	1.85	2.8	0.0292	0.000372	14.1	0.00156	0.08	0.000187	0.000214	0.0001	0.0915	0.00000204	0.000271	0.000397	0.00134	0.000245
2057 Sep	0.000187	0.000918	0.0719	0.0000065	1.86	2.82	0.0293	0.000375	14.2	0.00157	0.0801	0.000187	0.000216	0.000101	0.0918	0.00000204	0.000274	0.000398	0.00134	0.000248
2057 Oct	0.000187	0.000919	0.0719	0.00000651	1.87	2.83	0.0293	0.000377	14.2	0.00158	0.08	0.000187	0.000216	0.000101	0.0919	0.00000204	0.000276	0.000398	0.00134	0.00025
2057 Nov	0.000187	0.00092	0.0719	0.00000651	1.87	2.83	0.0293	0.000377	14.2	0.00158	0.0801	0.000187	0.000216	0.000101	0.0919	0.00000204	0.000277	0.000398	0.00134	0.00025
2057 Dec	0.000187	0.00092	0.0719	0.00000651	1.87	2.83	0.0293	0.000377	14.2	0.00158	0.0801	0.000187	0.000216	0.000101	0.0919	0.00000204	0.000277	0.000398	0.00134	0.000251
2058 Jan	0.000187	0.00092	0.0719	0.00000651	1.87	2.83	0.0293	0.000377	14.2	0.00158	0.0801	0.000187	0.000216	0.000101	0.0919	0.00000204	0.000277	0.000398	0.00134	0.000251
2058 Feb	0.000187	0.00092	0.0719	0.00000651	1.87	2.83	0.0293	0.000377	14.2	0.00158	0.0801	0.000187	0.000216	0.000101	0.0919	0.00000204	0.000277	0.000398	0.00134	0.000251
2058 Mar	0.000187	0.00092	0.0719	0.00000651	1.87	2.83	0.0293	0.000377	14.2	0.00158	0.0801	0.000187	0.000216	0.000101	0.0919	0.00000204	0.000277	0.000398	0.00134	0.000251
2058 Apr	0.000187	0.00092	0.072	0.00000652	1.87	2.83	0.0294	0.000377	14.2	0.00158	0.0801	0.000187	0.000216	0.000101	0.0919	0.00000204	0.000277	0.000398	0.00134	0.000251
2058 May	0.000188	0.000922	0.0723	0.00000653	1.88	2.84	0.0295	0.000378	14.2	0.00158	0.0801	0.000188	0.000217	0.000102	0.0922	0.00000205	0.000278	0.000401	0.00134	0.000251
2058 Jun	0.0002	0.000928	0.0764	0.00000657	1.88	2.86	0.0317	0.000371	14	0.00158	0.0781	0.00021	0.000216	0.000102	0.0948	0.00000206	0.000268	0.000424	0.00135	0.00024
2058 Jul	0.000202	0.000929	0.077	0.00000656	1.88	2.87	0.032	0.00037	14	0.00158	0.0779	0.000213	0.000217	0.000102	0.0954	0.00000206	0.000267	0.000428	0.00136	0.000239
2058 Aug	0.000203	0.000934	0.0772	0.0000066	1.89	2.89	0.0322	0.000374	14.1	0.00159	0.0781	0.000214	0.000218	0.000103	0.0958	0.00000207	0.000271	0.00043	0.00136	0.000243
2058 Sep	0.000203	0.000937	0.0772	0.00000662	1.91	2.92	0.0323	0.000378	14.2	0.0016	0.078	0.000214	0.00022	0.000104	0.096	0.00000207	0.000275	0.00043	0.00136	0.000247
2058 Oct	0.000203	0.000938	0.0772	0.00000663	1.91	2.93	0.0323	0.00038	14.2	0.0016	0.078	0.000213	0.00022	0.000104	0.0961	0.00000207	0.000277	0.00043	0.00136	0.000249
2058 Nov	0.000203	0.000938	0.0772	0.00000663	1.91	2.93	0.0323	0.000381	14.2	0.0016	0.078	0.000213	0.00022	0.000104	0.0961	0.00000207	0.000277	0.000431	0.00136	0.000249
2058 Dec	0.000203	0.000938	0.0772	0.00000663	1.91	2.93	0.0323	0.000381	14.2	0.0016	0.078	0.000213	0.00022	0.000104	0.0961	0.00000207	0.000277	0.000431	0.00136	0.000249
2059 Jan	0.000203	0.000938	0.0772	0.00000663	1.91	2.93	0.0323	0.000381	14.2	0.0016	0.078	0.000213	0.00022	0.000104	0.0961	0.00000207	0.000277	0.000431	0.00136	0.000249
2059 Feb	0.000203	0.000938	0.0772	0.00000663	1.91	2.93	0.0323	0.000381	14.2	0.0016	0.078	0.000213	0.00022	0.000104	0.0961	0.00000207	0.000277	0.000431	0.00136	0.000249
2059 Mar	0.000203	0.000938	0.0772	0.00000663	1.91	2.93	0.0323	0.000381	14.2	0.0016	0.078	0.000213	0.00022	0.000104	0.0961	0.00000207	0.000277	0.000431	0.00136	0.000249
2059 Apr	0.000203	0.000938	0.0772	0.00000663	1.91	2.93	0.0323	0.000381	14.2	0.0016	0.078	0.000214	0.00022	0.000104	0.0961	0.00000207	0.000277	0.000431	0.00136	0.000249
2059 May	0.000204	0.00094	0.0774	0.00000664	1.92	2.94	0.0324	0.000382	14.2	0.00161	0.0781	0.000214	0.000221	0.000104	0.0963	0.00000207	0.000278	0.000432	0.00136	0.00025
2059 Jun	0.000208	0.000945	0.0787	0.00000667	1.93	2.96	0.0331	0.000383	14.2	0.00161	0.0775	0.000221	0.000221	0.000105	0.0974	0.00000208	0.000278	0.000439	0.00137	0.000249
2059 Jul	0.00021	0.000951	0.0793	0.00000672	1.94	2.98	0.0334	0.000386	14.3	0.00162	0.0779	0.000222	0.000223	0.000106	0.098	0.00000209	0.00028	0.000442	0.00138	0.000251
2059 Aug	0.000211	0.000956	0.0796	0.00000675	1.95	3.01	0.0336	0.000389	14.4	0.00164	0.0783	0.000223	0.000224	0.000106	0.0986	0.0000021	0.000283	0.000444	0.00138	0.000254
2059 Sep	0.000211	0.000959	0.0797	0.00000677	1.97	3.03	0.0337	0.000393	14.5	0.00165	0.0783	0.000223	0.000226	0.000107	0.0988	0.0000021	0.000287	0.000445	0.00139	0.000258
2059 Oct	0.00021	0.000959	0.0794	0.00000678	1.97	3.05	0.0336	0.000397	14.5	0.00165	0.0779	0.000222	0.000227	0.000107	0.0987	0.00000209	0.000291	0.000444	0.00138	0.000262
2059 Nov	0.00021	0.000959	0.0794	0.00000678	1.98	3.05	0.0336	0.000398	14.6	0.00165	0.0779	0.000222	0.000227	0.000108	0.0987	0.00000209	0.000292	0.000444	0.00138	0.000263
2059 Dec	0.00021	0.000959	0.0794	0.00000678	1.98	3.05	0.0336	0.000398	14.6	0.00165	0.0779	0.000222	0.000227	0.000108	0.0987	0.00000209	0.000292	0.000444	0.00138	0.000263
2060 Jan	0.00021	0.000959	0.0794	0.00000678	1.98	3.05	0.0336	0.000398	14.6	0.00165	0.0779	0.000222	0.000227	0.000108	0.0987	0.00000209	0.000292	0.000444	0.00138	0.000263
2060 Feb	0.00021	0.000959	0.0794	0.00000678	1.98	3.05	0.0336	0.000398	14.6	0.00165	0.0779	0.000222	0.000227	0.000108	0.0987	0.00000209	0.000292	0.000444	0.00138	0.000263
2060 Mar	0.00021	0.000959	0.0794	0.00000678	1.98	3.05	0.0336	0.000398	14.6	0.00165	0.0779	0.000222	0.000227	0.000108	0.0988	0.00000209	0.000292	0.000444	0.00138	0.000263
2060 Apr	0.00021	0.00096	0.0794	0.00000678	1.98	3.05	0.0337	0.000398	14.6	0.00166	0.078	0.000222	0.000227	0.000108	0.0988	0.00000209	0.000292	0.000444	0.00138	0.000263
2060 May	0.000212	0.000963	0.08	0.00000681	1.98	3.07	0.0339	0.000399	14.6	0.00166	0.0778	0.000225	0.000227	0.000108	0.0992	0.0000021	0.000293	0.000447	0.00139	0.000263
2060 Jun	0.000225	0.000977	0.0847	0.00000692	1.99	3.09	0.036	0.000396	14.4	0.00166	0.0764	0.000245	0.000226	0.000108	0.102	0.00000213	0.000282	0.00047	0.0014	0.000251
2060 Jul	0.000227	0.000984	0.0855	0.00000696	2	3.11	0.0364	0.000399	14.4	0.00167	0.0767	0.000248	0.000227	0.000109	0.103	0.00000214	0.000283	0.000475	0.00141	0.000252
2060 Aug	0.000228	0.000989	0.0857	0.000007	2.02	3.15	0.0365	0.000404	14.6	0.00168	0.0768	0.000248	0.000229	0.00011	0.104	0.00000215	0.000289	0.000476	0.00141	0.000257
2060 Sep	0.000228	0.00099	0.0854	0.00000701	2.03	3.18	0.0366	0.00041	14.7	0.0017	0.0765	0.000247	0.000231	0.000111	0.104	0.00000214	0.000295	0.000476	0.00141	0.000263
2060 Oct	0.000228	0.000991	0.0855	0.00000702	2.04	3.19	0.0366	0.000412	14.7	0.0017	0.0764	0.000247	0.000231	0.000111	0.104	0.00000214	0.000296	0.000476	0.00141	0.000264
2060 Nov	0.000228	0.000992	0.0857	0.00000703	2.03	3.18	0.0366	0.000412	14.6	0.0017	0.0763	0.000248	0.00023	0.000111	0.104	0.00000214	0.000295	0.000476	0.00141	0.000263
2060 Dec	0.000228	0.000992	0.0857	0.00000703	2.03	3.18	0.0366	0.000412	14.6	0.0017	0.0763	0.000248	0.00023	0.000111	0.104	0.00000214	0.000295	0.000476	0.00141	0.000263
2061 Jan	0.000228	0.000992	0.0857	0.00000703	2.03	3.18	0.0366	0.000412	14.6	0.0017	0.0763	0.000248	0.00023	0.000111	0.104	0.00000214	0.000295	0.000476	0.00141	0.000263
2061 Feb	0.000228	0.000992	0.0857	0.00000703	2.03	3.18	0.0366	0.000412	14.6	0.0017	0.0763	0.000248	0.00023	0.000111	0.104	0.00000214	0.000295	0.000476	0.00141	0.000263
2061 Mar	0.000228	0.000992	0.0857	0.00000703	2.03	3.18	0.0366	0.000412	14.6	0.0017	0.0763	0.000248	0.00023	0.000111	0.104	0.00000214	0.000295	0.000476	0.00141	0.000263
2061 Apr	0.000228	0.000992	0.0858	0.00000703	2.03	3.18	0.0367	0.000412	14.6	0.0017	0.0763	0.000248	0.00023	0.000111	0.104	0.00000214	0.000295	0.000476	0.00141	0.000263
2061 May	0.000231	0.000995	0.0868	0.00000705	2.03	3.18	0.0371	0.00041	14.6	0.00169	0.076	0.000252	0.000229	0.000111	0.105	0.00000215	0.000291	0.00048	0.00142	0.000258
2061 Jun	0.000237	0.000984	0.0881	0.00000691	1.99	3.11	0.0378	0.000401	14.1	0.00164	0.0739	0.000262	0.000221	0.000109	0.105	0.00000214	0.000273	0.000484	0.00139	0.00024
2061 Jul	0.000238	0.000988	0.0884	0.00000692	2	3.12	0.038	0.000404	14.2	0.00165	0.0741	0.000263	0.000222	0.000109	0.106	0.00000215	0.000275	0.000486	0.00139	0.000242
2061 Aug	0.000239	0.000994	0.0888	0.00000696	2.02	3.15	0.0382	0.000407	14.3	0.00166	0.0744	0.000265	0.000223	0.00011	0.106	0.00000216	0.000278	0.000488	0.00139	0.000245
2061 Sep	0.000239	0.000996	0.0888	0.00000698	2.03	3.17	0.0383	0.000411	14.3	0.00167	0.0745	0.000265	0.000224	0.000111	0.107	0.00000216	0.000282	0.000489	0.0014	0.000249

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Oct	0.000239	0.000996	0.0886	0.00000699	2.04	3.19	0.0383	0.000414	14.4	0.00168	0.0742	0.000264	0.000225	0.000111	0.107	0.00000216	0.000286	0.000488	0.00139	0.000253
2061 Nov	0.000238	0.000996	0.0885	0.00000699	2.04	3.19	0.0383	0.000415	14.4	0.00168	0.0741	0.000263	0.000226	0.000111	0.106	0.00000215	0.000287	0.000487	0.00139	0.000254
2061 Dec	0.000238	0.000996	0.0885	0.00000699	2.04	3.19	0.0383	0.000415	14.4	0.00168	0.0741	0.000263	0.000226	0.000111	0.106	0.00000215	0.000287	0.000487	0.00139	0.000254
2062 Jan	0.000238	0.000996	0.0885	0.00000699	2.04	3.19	0.0383	0.000415	14.4	0.00168	0.0741	0.000263	0.000226	0.000111	0.106	0.00000215	0.000287	0.000487	0.00139	0.000254
2062 Feb	0.000238	0.000997	0.0885	0.00000699	2.04	3.19	0.0383	0.000415	14.4	0.00168	0.0741	0.000263	0.000226	0.000111	0.106	0.00000215	0.000287	0.000487	0.00139	0.000254
2062 Mar	0.000238	0.000997	0.0885	0.00000699	2.04	3.19	0.0383	0.000415	14.4	0.00168	0.0741	0.000263	0.000226	0.000111	0.107	0.00000215	0.000287	0.000487	0.00139	0.000254
2062 Apr	0.000238	0.000997	0.0885	0.00000699	2.04	3.2	0.0383	0.000416	14.4	0.00168	0.0742	0.000264	0.000226	0.000111	0.107	0.00000216	0.000287	0.000488	0.00139	0.000254
2062 May	0.000239	0.000998	0.0886	0.000007	2.04	3.2	0.0383	0.000416	14.4	0.00168	0.0742	0.000264	0.000226	0.000111	0.107	0.00000216	0.000287	0.000488	0.0014	0.000254
2062 Jun	0.000233	0.000984	0.087	0.00000695	2.01	3.12	0.0372	0.000412	14.2	0.00166	0.0731	0.000255	0.000223	0.000109	0.105	0.00000215	0.000282	0.000478	0.00139	0.000248
2062 Jul	0.000227	0.00097	0.0851	0.00000688	1.98	3.06	0.0362	0.000409	14	0.00163	0.0723	0.000246	0.000221	0.000108	0.103	0.00000215	0.000277	0.000468	0.00138	0.000244
2062 Aug	0.000227	0.000975	0.0852	0.00000691	2	3.09	0.0363	0.000415	14.1	0.00165	0.0723	0.000246	0.000223	0.000109	0.104	0.00000215	0.000283	0.000469	0.00138	0.00025
2062 Sep	0.000225	0.000972	0.0845	0.0000069	2	3.09	0.036	0.000417	14.1	0.00165	0.0721	0.000243	0.000223	0.000109	0.103	0.00000215	0.000285	0.000465	0.00138	0.000252
2062 Oct	0.000214	0.00095	0.081	0.00000674	1.95	2.97	0.034	0.000413	13.8	0.0016	0.0711	0.000227	0.000216	0.000106	0.1	0.00000213	0.000278	0.000442	0.00135	0.000245
2062 Nov	0.000214	0.000948	0.0808	0.00000673	1.95	2.97	0.0339	0.000413	13.8	0.0016	0.071	0.000226	0.000216	0.000105	0.1	0.00000213	0.000277	0.000441	0.00134	0.000245
2062 Dec	0.000214	0.000949	0.0808	0.00000673	1.95	2.97	0.0339	0.000413	13.8	0.0016	0.071	0.000226	0.000216	0.000105	0.1	0.00000213	0.000277	0.000441	0.00134	0.000245
2063 Jan	0.000214	0.000949	0.0808	0.00000673	1.95	2.97	0.0339	0.000413	13.8	0.0016	0.071	0.000226	0.000216	0.000105	0.1	0.00000213	0.000277	0.000441	0.00134	0.000245
2063 Feb	0.000214	0.000949	0.0808	0.00000673	1.95	2.97	0.0339	0.000413	13.8	0.0016	0.071	0.000226	0.000216	0.000105	0.1	0.00000213	0.000277	0.000441	0.00134	0.000245
2063 Mar	0.000214	0.000949	0.0808	0.00000673	1.95	2.97	0.0339	0.000413	13.8	0.0016	0.071	0.000226	0.000216	0.000105	0.1	0.00000213	0.000277	0.000441	0.00134	0.000245
2063 Apr	0.000214	0.000949	0.0808	0.00000673	1.95	2.97	0.0339	0.000413	13.8	0.0016	0.0711	0.000227	0.000216	0.000105	0.1	0.00000213	0.000277	0.000441	0.00134	0.000245
2063 May	0.000213	0.000948	0.0807	0.00000672	1.95	2.96	0.0339	0.000414	13.8	0.0016	0.071	0.000226	0.000216	0.000105	0.1	0.00000213	0.000277	0.00044	0.00134	0.000244
2063 Jun	0.0002	0.000894	0.0746	0.00000621	1.87	2.78	0.0317	0.000403	13.1	0.0015	0.0677	0.00021	0.000204	0.0001	0.0958	0.00000206	0.000266	0.000409	0.00125	0.000235
2063 Jul	0.000195	0.000879	0.0723	0.00000606	1.86	2.74	0.0309	0.000404	13.1	0.00149	0.0671	0.000203	0.000203	0.0000997	0.0944	0.00000204	0.000268	0.000398	0.00123	0.000237
2063 Aug	0.000196	0.000884	0.0726	0.00000609	1.87	2.76	0.0311	0.000407	13.2	0.0015	0.0674	0.000204	0.000205	0.0001	0.0949	0.00000204	0.000271	0.0004	0.00123	0.00024
2063 Sep	0.000196	0.000886	0.0726	0.00000611	1.88	2.79	0.0312	0.000411	13.2	0.00151	0.0674	0.000204	0.000206	0.000101	0.0951	0.00000205	0.000275	0.0004	0.00124	0.000244
2063 Oct	0.000196	0.000887	0.0725	0.00000612	1.89	2.8	0.0312	0.000413	13.3	0.00151	0.0672	0.000204	0.000206	0.000101	0.0951	0.00000204	0.000277	0.0004	0.00123	0.000246
2063 Nov	0.000196	0.000887	0.0725	0.00000612	1.89	2.8	0.0312	0.000414	13.3	0.00151	0.0672	0.000204	0.000207	0.000101	0.0951	0.00000204	0.000278	0.0004	0.00123	0.000247
2063 Dec	0.000196	0.000887	0.0725	0.00000612	1.89	2.8	0.0312	0.000414	13.3	0.00151	0.0672	0.000204	0.000207	0.000101	0.0951	0.00000204	0.000278	0.0004	0.00123	0.000247
2064 Jan	0.000196	0.000887	0.0725	0.00000612	1.89	2.8	0.0312	0.000414	13.3	0.00151	0.0672	0.000204	0.000207	0.000101	0.0951	0.00000204	0.000278	0.0004	0.00123	0.000247
2064 Feb	0.000196	0.000887	0.0725	0.00000612	1.89	2.8	0.0312	0.000414	13.3	0.00151	0.0672	0.000204	0.000207	0.000101	0.0951	0.00000204	0.000278	0.0004	0.00123	0.000247
2064 Mar	0.000196	0.000887	0.0725	0.00000612	1.89	2.8	0.0312	0.000414	13.3	0.00151	0.0672	0.000204	0.000207	0.000101	0.0952	0.00000204	0.000278	0.0004	0.00123	0.000247
2064 Apr	0.000196	0.000888	0.0725	0.00000612	1.89	2.8	0.0312	0.000414	13.3	0.00151	0.0673	0.000204	0.000207	0.000102	0.0952	0.00000204	0.000278	0.0004	0.00124	0.000247
2064 May	0.000196	0.000887	0.0726	0.00000611	1.89	2.8	0.0313	0.000414	13.3	0.00151	0.0671	0.000205	0.000207	0.000102	0.0953	0.00000204	0.000278	0.000401	0.00123	0.000246
2064 Jun	0.000196	0.000867	0.0713	0.00000588	1.87	2.75	0.0314	0.000413	13.1	0.00148	0.0653	0.000207	0.000203	0.000101	0.0949	0.00000203	0.000275	0.000397	0.0012	0.000244
2064 Jul	0.000196	0.000871	0.0714	0.0000059	1.89	2.78	0.0316	0.000417	13.1	0.00149	0.0654	0.000207	0.000205	0.000101	0.0953	0.00000203	0.000279	0.000398	0.0012	0.000248
2064 Aug	0.000197	0.000875	0.0715	0.00000593	1.9	2.81	0.0317	0.000422	13.3	0.00151	0.0655	0.000208	0.000207	0.000102	0.0957	0.00000204	0.000284	0.000399	0.0012	0.000252
2064 Sep	0.000196	0.000877	0.0714	0.00000595	1.92	2.83	0.0317	0.000427	13.3	0.00152	0.0653	0.000207	0.000208	0.000103	0.0958	0.00000203	0.000288	0.000399	0.0012	0.000257
2064 Oct	0.000196	0.000877	0.0713	0.00000595	1.92	2.83	0.0317	0.000428	13.3	0.00152	0.0653	0.000207	0.000208	0.000103	0.0958	0.00000204	0.000289	0.000399	0.0012	0.000257
2064 Nov	0.000196	0.000877	0.0714	0.00000595	1.92	2.83	0.0317	0.000428	13.3	0.00152	0.0653	0.000207	0.000208	0.000103	0.0959	0.00000204	0.000289	0.000399	0.0012	0.000258
2064 Dec	0.000196	0.000877	0.0714	0.00000595	1.92	2.83	0.0317	0.000428	13.3	0.00152	0.0653	0.000207	0.000208	0.000103	0.0959	0.00000204	0.000289	0.000399	0.0012	0.000258
2065 Jan	0.000196	0.000877	0.0714	0.00000595	1.92	2.83	0.0317	0.000428	13.3	0.00152	0.0653	0.000207	0.000208	0.000103	0.0959	0.00000204	0.000289	0.000399	0.0012	0.000258
2065 Feb	0.000196	0.000877	0.0714	0.00000595	1.92	2.83	0.0317	0.000428	13.3	0.00152	0.0653	0.000207	0.000208	0.000103	0.0959	0.00000204	0.000289	0.000399	0.0012	0.000258
2065 Mar	0.000196	0.000877	0.0714	0.00000595	1.92	2.83	0.0317	0.000428	13.4	0.00152	0.0654	0.000207	0.000208	0.000103	0.0959	0.00000204	0.000289	0.000399	0.0012	0.000258
2065 Apr	0.000197	0.000878	0.0714	0.00000596	1.92	2.84	0.0317	0.000428	13.4	0.00152	0.0654	0.000207	0.000208	0.000103	0.0959	0.00000204	0.000289	0.000399	0.0012	0.000258
2065 May	0.000197	0.000879	0.0716	0.00000597	1.92	2.84	0.0319	0.000429	13.4	0.00152	0.0654	0.000208	0.000209	0.000103	0.0962	0.00000204	0.00029	0.0004	0.0012	0.000258
2065 Jun	0.000199	0.000873	0.0721	0.0000059	1.92	2.82	0.0323	0.00043	13.2	0.0015	0.064	0.000213	0.000207	0.000103	0.0968	0.00000205	0.000285	0.000402	0.00119	0.000254
2065 Jul	0.0002	0.000875	0.0721	0.00000591	1.93	2.83	0.0324	0.000433	13.2	0.00151	0.0641	0.000213	0.000208	0.000104	0.0972	0.00000206	0.000287	0.000403	0.00119	0.000256
2065 Aug	0.000201	0.00088	0.0724	0.00000595	1.94	2.86	0.0326	0.000438	13.3	0.00152	0.0643	0.000214	0.00021	0.000105	0.0977	0.00000207	0.000291	0.000405	0.0012	0.000259
2065 Sep	0.000201	0.000882	0.0723	0.00000597	1.96	2.89	0.0326	0.000443	13.4	0.00154	0.0641	0.000213	0.000211	0.000105	0.0978	0.00000207	0.000297	0.000405	0.0012	0.000265
2065 Oct	0.000198	0.00088	0.0716	0.00000596	1.96	2.88	0.0322	0.000448	13.4	0.00153	0.0636	0.000209	0.00021	0.000105	0.0974	0.00000207	0.000298	0.000399	0.00119	0.000266
2065 Nov	0.000198	0.000879	0.0714	0.00000595	1.95	2.87	0.0321	0.000449	13.4	0.00153	0.0635	0.000208	0.000209	0.000105	0.0973	0.00000207	0.000297	0.000397	0.00119	0.000265
2065 Dec	0.000198	0.000879	0.0714	0.00000595	1.95	2.87	0.0321	0.000449	13.4	0.00153	0.0635	0.000208	0.000209	0.000105	0.0973	0.00000207	0.000297	0.000397	0.00119	0.000265
2066 Jan	0.000198	0.000879	0.0714	0.00000595	1.95	2.87	0.0321	0.000449	13.4	0.00153	0.0635	0.000208	0.000209	0.000105	0.0973	0.00000207	0.000297	0.000397	0.00119	0.000265
2066 Feb	0.000198	0.000879	0.0714	0.00000595	1.95	2.87	0.0321	0.000449	13.4	0.00153	0.0635	0.000208	0.000209	0.000105	0.0973	0.00000207	0.000297	0.000397	0.00119	0.000265
2066 Mar	0.000198	0.000879	0.0714	0.00000595	1.95	2.87	0.0321	0.000449	13.4	0.00153	0.0635	0.000208	0.00021	0.000105	0.0974	0.00000207	0.000297	0.000398	0.00119	0.000265
2066 Apr	0.000198	0.000879	0.0714	0.00000596	1.96	2.87	0.0321	0.000449	13.4	0.00153	0.0635	0.000208	0.00021	0.000105	0.0974	0.00000207	0.000298	0.000398	0.00119	0.000265
2066 May	0.000198	0.00088	0.0715	0.00000596	1.96	2.87	0.0321	0.000449	13.4	0.00153	0.0636	0.000208	0.00021	0.000105	0.0975	0.00000208	0.000298	0.000398	0.00119	0.000266
2066 Jun	0.000192	0.000864	0.0699	0.00000589	1.93	2.79	0.0311	0.000452	13	0.00149	0.0618	0.0002	0.000206	0.000103	0.0962	0.00000209	0.000291	0.000387	0.00118	0.000259
2066 Jul	0.000191	0.000864	0.0694	0.00000589	1.93	2.79	0.0309	0.000456	13	0.0015	0.0618	0.000197	0.000207	0.000103	0.0962	0.0000021	0.000294	0.000385	0.00118	0.000261
2066 Aug	0.000192	0.000869	0.0697	0.00000593	1.95	2.82	0.031	0.000461	13.2	0.00151	0.062	0.000198	0.000208	0.000104	0.0967	0.00000211	0.000297	0.000387	0.00118	0.000265
2066 Sep	0.000192	0.000872	0.0697	0.00000595	1.96	2.84	0.0311	0.000465	13.2	0.00152	0.062	0.000198	0.00021	0.000105	0.0969	0.00000211	0.000302	0.000387	0.00118	0.000269
2066 Oct	0.000192	0.000872	0.0696	0.00000596	1.97	2.85	0.0311	0.000467	13.3	0.00153	0.0619	0.000198	0.000211	0.000105	0.097	0.0000021	0.000304	0.000387	0.00118	0.000272
2066 Nov	0.000192	0.000873	0.0696	0.00000596	1.97	2.86	0.0311	0.000468	13.3	0.00153	0.0618	0.000197	0.000211	0.000105	0.097	0.0000021	0.000305	0.000387	0.00118	0.000273
2066 Dec	0.000192	0.000873	0.0696	0.00000596	1.97	2.86	0.0311	0.000468	13.3	0.00153	0.0618	0.000198	0.000211	0.000105	0.097	0.0000021	0.000305	0.000387	0.00118	0.000273
2067 Jan	0.000192	0.000873	0.0696	0.00000596	1.97	2.86	0.0311	0.000468	13.3	0.00153	0.0618	0.000198	0.000211	0.000105	0.097	0.0000021	0.000305	0.000387	0.00118	0.000273
2067 Feb	0.000192	0.000873	0.0696	0.00000596	1.97	2.86	0.0311	0.000468	13.3	0.00153	0.0618	0.000198	0.000211	0.000105	0.097	0.0000021	0.000305	0.000387	0.00118	0.000273
2067 Mar	0.000192	0.000873	0.0696	0.00000596	1.97	2.86	0.0311	0.000468	13.3	0.00153	0.0618	0.000198	0.000211	0.000105	0.097	0.0000021	0.000305	0.000387	0.00118	0.000273
2067 Apr	0.000192	0.000873	0.0696	0.00000596	1.97	2.86	0.0312	0.000468	13.3	0.00153	0.0619	0.000198	0.000211	0.000105	0.097	0.0000021	0.000305	0.000387	0.00118	0.000273

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 May	0.000192	0.000875	0.0698	0.00000598	1.98	2.87	0.0313	0.000469	13.3	0.00153	0.0619	0.000198	0.000211	0.000106	0.0972	0.00000211	0.000306	0.000388	0.00119	0.000274
2067 Jun	0.000195	0.000879	0.071	0.00000605	1.99	2.88	0.0317	0.000474	13.3	0.00154	0.061	0.000202	0.000212	0.000106	0.0981	0.00000213	0.000306	0.000394	0.0012	0.000273
2067 Jul	0.000196	0.000885	0.0714	0.00000609	2	2.9	0.0319	0.000478	13.4	0.00155	0.0613	0.000203	0.000214	0.000107	0.0987	0.00000214	0.000309	0.000397	0.0012	0.000275
2067 Aug	0.000197	0.000889	0.0716	0.00000613	2.02	2.93	0.0321	0.000483	13.5	0.00156	0.0614	0.000204	0.000216	0.000108	0.0992	0.00000214	0.000314	0.000398	0.00121	0.00028
2067 Sep	0.000197	0.000892	0.0717	0.00000615	2.03	2.96	0.0321	0.000487	13.6	0.00157	0.0614	0.000204	0.000217	0.000108	0.0994	0.00000215	0.000318	0.000399	0.00121	0.000284
2067 Oct	0.000196	0.000893	0.0715	0.00000615	2.04	2.97	0.0321	0.00049	13.6	0.00158	0.0612	0.000203	0.000218	0.000109	0.0994	0.00000214	0.000322	0.000398	0.00121	0.000287
2067 Nov	0.000196	0.000893	0.0715	0.00000616	2.04	2.98	0.0321	0.00049	13.6	0.00158	0.0612	0.000203	0.000218	0.000109	0.0994	0.00000214	0.000322	0.000398	0.00121	0.000288
2067 Dec	0.000196	0.000893	0.0715	0.00000616	2.04	2.98	0.0322	0.00049	13.6	0.00158	0.0612	0.000203	0.000218	0.000109	0.0994	0.00000214	0.000322	0.000398	0.00121	0.000288
2068 Jan	0.000196	0.000893	0.0715	0.00000616	2.04	2.98	0.0322	0.00049	13.6	0.00158	0.0612	0.000203	0.000218	0.000109	0.0994	0.00000214	0.000322	0.000398	0.00121	0.000288
2068 Feb	0.000196	0.000893	0.0715	0.00000616	2.04	2.98	0.0322	0.00049	13.6	0.00158	0.0612	0.000203	0.000218	0.000109	0.0994	0.00000214	0.000322	0.000398	0.00121	0.000288
2068 Mar	0.000196	0.000893	0.0715	0.00000616	2.04	2.98	0.0322	0.000491	13.6	0.00158	0.0612	0.000203	0.000218	0.000109	0.0994	0.00000214	0.000322	0.000398	0.00121	0.000288
2068 Apr	0.000197	0.000894	0.0716	0.00000616	2.04	2.98	0.0322	0.000491	13.6	0.00158	0.0612	0.000203	0.000218	0.000109	0.0995	0.00000214	0.000323	0.000398	0.00121	0.000288
2068 May	0.000198	0.000897	0.0722	0.0000062	2.04	2.99	0.0324	0.000492	13.6	0.00158	0.0612	0.000205	0.000219	0.000109	0.1	0.00000215	0.000322	0.000401	0.00121	0.000288
2068 Jun	0.000206	0.000897	0.0755	0.00000626	2.02	2.94	0.0336	0.00049	13.1	0.00155	0.0588	0.000218	0.000215	0.000108	0.102	0.0000022	0.000305	0.000415	0.00122	0.00027
2068 Jul	0.000206	0.000899	0.0755	0.00000627	2.03	2.96	0.0337	0.000494	13.2	0.00156	0.0587	0.000219	0.000216	0.000109	0.102	0.00000221	0.000308	0.000416	0.00123	0.000273
2068 Aug	0.000207	0.000904	0.0759	0.00000631	2.05	2.98	0.0339	0.000498	13.3	0.00157	0.059	0.00022	0.000218	0.000109	0.103	0.00000222	0.000312	0.000418	0.00123	0.000276
2068 Sep	0.000207	0.000907	0.0759	0.00000633	2.06	3.01	0.0339	0.000502	13.4	0.00158	0.059	0.000219	0.000219	0.00011	0.103	0.00000222	0.000316	0.000418	0.00123	0.000281
2068 Oct	0.000207	0.000908	0.0759	0.00000634	2.07	3.01	0.034	0.000503	13.4	0.00159	0.059	0.000219	0.000219	0.00011	0.103	0.00000222	0.000317	0.000419	0.00123	0.000282
2068 Nov	0.000208	0.000908	0.0759	0.00000634	2.07	3.02	0.034	0.000504	13.4	0.00159	0.059	0.00022	0.000219	0.00011	0.103	0.00000222	0.000317	0.000419	0.00123	0.000282
2068 Dec	0.000208	0.000908	0.0759	0.00000634	2.07	3.02	0.034	0.000504	13.4	0.00159	0.059	0.00022	0.00022	0.00011	0.103	0.00000222	0.000318	0.000419	0.00123	0.000282
2069 Jan	0.000208	0.000908	0.0759	0.00000634	2.07	3.02	0.034	0.000504	13.4	0.00159	0.059	0.00022	0.00022	0.00011	0.103	0.00000222	0.000318	0.000419	0.00123	0.000282
2069 Feb	0.000208	0.000908	0.0759	0.00000634	2.07	3.02	0.034	0.000504	13.4	0.00159	0.059	0.00022	0.00022	0.00011	0.103	0.00000222	0.000318	0.000419	0.00123	0.000282
2069 Mar	0.000208	0.000908	0.0759	0.00000634	2.07	3.02	0.034	0.000504	13.4	0.00159	0.059	0.00022	0.00022	0.00011	0.103	0.00000222	0.000318	0.000419	0.00123	0.000282
2069 Apr	0.000208	0.000909	0.0759	0.00000634	2.07	3.02	0.034	0.000504	13.4	0.00159	0.059	0.00022	0.00022	0.00011	0.103	0.00000222	0.000318	0.000419	0.00123	0.000282
2069 May	0.000208	0.00091	0.0761	0.00000635	2.07	3.02	0.0341	0.000505	13.4	0.00159	0.0591	0.00022	0.00022	0.000111	0.103	0.00000222	0.000318	0.00042	0.00124	0.000283
2069 Jun	0.000207	0.000908	0.0761	0.00000641	2.07	3.01	0.0339	0.000506	13.3	0.00159	0.0583	0.000218	0.000221	0.00011	0.103	0.00000224	0.000318	0.00042	0.00125	0.000282
2069 Jul	0.000207	0.00091	0.0763	0.00000645	2.08	3.01	0.0339	0.00051	13.3	0.00159	0.0582	0.000218	0.000223	0.000111	0.103	0.00000225	0.000319	0.000422	0.00126	0.000283
2069 Aug	0.000207	0.000915	0.0765	0.00000649	2.09	3.04	0.034	0.000515	13.4	0.00161	0.0583	0.000218	0.000224	0.000112	0.104	0.00000226	0.000324	0.000423	0.00126	0.000288
2069 Sep	0.000206	0.000916	0.0763	0.00000651	2.1	3.06	0.0339	0.000519	13.5	0.00161	0.0581	0.000217	0.000225	0.000112	0.104	0.00000226	0.000328	0.000422	0.00126	0.000292
2069 Oct	0.000203	0.00091	0.0756	0.00000651	2.09	3.02	0.0333	0.00052	13.3	0.0016	0.0575	0.000211	0.000224	0.000111	0.103	0.00000227	0.000324	0.000416	0.00126	0.000288
2069 Nov	0.000202	0.000909	0.0754	0.00000651	2.08	3.01	0.0331	0.00052	13.3	0.00159	0.0574	0.00021	0.000223	0.000111	0.103	0.00000227	0.000323	0.000414	0.00126	0.000287
2069 Dec	0.000202	0.000909	0.0754	0.00000651	2.08	3.01	0.0331	0.00052	13.3	0.00159	0.0574	0.00021	0.000223	0.000111	0.103	0.00000227	0.000323	0.000414	0.00126	0.000287
2070 Jan	0.000202	0.000909	0.0754	0.00000651	2.08	3.01	0.0331	0.00052	13.3	0.00159	0.0574	0.00021	0.000223	0.000111	0.103	0.00000227	0.000323	0.000414	0.00126	0.000287
2070 Feb	0.000202	0.000909	0.0754	0.00000651	2.08	3.01	0.0331	0.00052	13.3	0.00159	0.0574	0.00021	0.000223	0.000111	0.103	0.00000227	0.000323	0.000414	0.00126	0.000287
2070 Mar	0.000202	0.000909	0.0754	0.00000651	2.08	3.01	0.0331	0.00052	13.3	0.00159	0.0574	0.00021	0.000223	0.000111	0.103	0.00000227	0.000323	0.000414	0.00126	0.000287
2070 Apr	0.000202	0.00091	0.0754	0.00000651	2.08	3.01	0.0331	0.00052	13.3	0.00159	0.0574	0.00021	0.000223	0.000111	0.103	0.00000227	0.000323	0.000414	0.00126	0.000287
2070 May	0.000203	0.000911	0.0757	0.00000653	2.08	3.01	0.0332	0.000521	13.3	0.00159	0.0574	0.000211	0.000223	0.000111	0.103	0.00000228	0.000322	0.000415	0.00126	0.000286
2070 Jun	0.000203	0.000905	0.0759	0.0000065	2.07	2.97	0.0332	0.000522	13	0.00157	0.0563	0.000212	0.000221	0.00011	0.103	0.00000229	0.000316	0.000415	0.00126	0.00028
2070 Jul	0.000204	0.00091	0.0762	0.00000654	2.08	3	0.0334	0.000527	13.1	0.00159	0.0565	0.000212	0.000222	0.000111	0.104	0.0000023	0.00032	0.000417	0.00126	0.000284
2070 Aug	0.000205	0.000915	0.0764	0.00000658	2.1	3.03	0.0335	0.000531	13.2	0.0016	0.0567	0.000213	0.000224	0.000112	0.104	0.00000231	0.000324	0.000418	0.00127	0.000288
2070 Sep	0.000205	0.000917	0.0763	0.00000659	2.11	3.05	0.0336	0.000536	13.3	0.00161	0.0565	0.000212	0.000226	0.000112	0.104	0.00000231	0.000329	0.000418	0.00127	0.000293
2070 Oct	0.000204	0.000916	0.0761	0.0000066	2.11	3.04	0.0334	0.000538	13.3	0.00161	0.0562	0.000211	0.000225	0.000112	0.104	0.00000231	0.000328	0.000416	0.00126	0.000292
2070 Nov	0.000203	0.000916	0.0761	0.0000066	2.11	3.04	0.0333	0.000539	13.3	0.0016	0.0561	0.00021	0.000224	0.000112	0.104	0.00000232	0.000328	0.000415	0.00126	0.000291
2070 Dec	0.000204	0.000916	0.0761	0.0000066	2.11	3.04	0.0333	0.000539	13.3	0.0016	0.0561	0.00021	0.000224	0.000112	0.104	0.00000232	0.000328	0.000415	0.00126	0.000291
2071 Jan	0.000204	0.000916	0.0761	0.0000066	2.11	3.04	0.0333	0.000539	13.3	0.0016	0.0561	0.00021	0.000224	0.000112	0.104	0.00000232	0.000328	0.000415	0.00126	0.000291
2071 Feb	0.000204	0.000916	0.0761	0.0000066	2.11	3.04	0.0333	0.000539	13.3	0.0016	0.0561	0.00021	0.000224	0.000112	0.104	0.00000232	0.000328	0.000415	0.00126	0.000291
2071 Mar	0.000204	0.000916	0.0761	0.0000066	2.11	3.04	0.0333	0.000539	13.3	0.0016	0.0561	0.00021	0.000224	0.000112	0.104	0.00000232	0.000328	0.000415	0.00126	0.000291
2071 Apr	0.000204	0.000916	0.0761	0.0000066	2.11	3.04	0.0334	0.000539	13.3	0.0016	0.0561	0.00021	0.000224	0.000112	0.104	0.00000232	0.000328	0.000415	0.00126	0.000291
2071 May	0.000204	0.000916	0.0763	0.0000066	2.11	3.04	0.0334	0.00054	13.2	0.0016	0.056	0.000211	0.000224	0.000112	0.104	0.00000232	0.000327	0.000416	0.00126	0.00029
2071 Jun	0.000205	0.000904	0.0765	0.00000649	2.08	2.98	0.0336	0.000539	12.9	0.00157	0.0544	0.000215	0.000219	0.000111	0.105	0.00000233	0.000317	0.000416	0.00124	0.000281
2071 Jul	0.000205	0.000903	0.0764	0.00000647	2.09	2.98	0.0337	0.000542	12.9	0.00157	0.0543	0.000215	0.00022	0.000111	0.105	0.00000233	0.000319	0.000416	0.00124	0.000283
2071 Aug	0.000206	0.000908	0.0766	0.00000651	2.11	3.01	0.0338	0.000546	13	0.00158	0.0545	0.000215	0.000222	0.000112	0.105	0.00000234	0.000323	0.000417	0.00124	0.000287
2071 Sep	0.000206	0.00091	0.0765	0.00000653	2.12	3.04	0.0339	0.000551	13.1	0.00159	0.0544	0.000215	0.000223	0.000112	0.105	0.00000234	0.000328	0.000417	0.00124	0.000292
2071 Oct	0.000206	0.000911	0.0764	0.00000653	2.12	3.05	0.0339	0.000553	13.1	0.0016	0.0543	0.000214	0.000224	0.000113	0.105	0.00000234	0.00033	0.000417	0.00124	0.000294
2071 Nov	0.000206	0.00091	0.0764	0.00000653	2.12	3.05	0.0339	0.000554	13.1	0.0016	0.0542	0.000214	0.000224	0.000113	0.105	0.00000234	0.00033	0.000417	0.00124	0.000294
2071 Dec	0.000206	0.00091	0.0764	0.00000653	2.12	3.05	0.0339	0.000554	13.1	0.0016	0.0542	0.000214	0.000224	0.000113	0.105	0.00000234	0.00033	0.000417	0.00124	0.000294
2072 Jan	0.000206	0.00091	0.0764	0.00000653	2.12	3.05	0.0339	0.000554	13.1	0.0016	0.0542	0.000214	0.000224	0.000113	0.105	0.00000234	0.00033	0.000417	0.00124	0.000294
2072 Feb	0.000206	0.00091	0.0764	0.00000653	2.12	3.05	0.0339	0.000554	13.1	0.0016	0.0542	0.000214	0.000224	0.000113	0.105	0.00000234	0.00033	0.000417	0.00124	0.000294
2072 Mar	0.000206	0.00091	0.0764	0.00000653	2.12	3.05	0.0339	0.000554	13.1	0.0016	0.0542	0.000214	0.000224	0.000113	0.105	0.00000234	0.00033	0.000417	0.00124	0.000294
2072 Apr	0.000206	0.000911	0.0764	0.00000653	2.12	3.05	0.0339	0.000554	13.1	0.0016	0.0542	0.000214	0.000224	0.000113	0.105	0.00000234	0.00033	0.000417	0.00124	0.000294
2072 May	0.000206	0.000912	0.0765	0.00000654	2.13	3.05	0.0339	0.000555	13.1	0.0016	0.0543	0.000214	0.000224	0.000113	0.105	0.00000234	0.000331	0.000417	0.00125	0.000295
2072 Jun	0.000203	0.000906	0.0759	0.00000655	2.12	3.02	0.0334	0.000556	13	0.00159	0.0537	0.00021	0.000223	0.000112	0.105	0.00000235	0.000328	0.000413	0.00125	0.000293
2072 Jul	0.000202	0.000907	0.0757	0.00000658	2.13	3.03	0.0333	0.00056	13	0.00159	0.0536	0.000209	0.000225	0.000113	0.105	0.00000236	0.000331	0.000413	0.00125	0.000295
2072 Aug	0.0002	0.000905	0.0751	0.00000659	2.13	3.02	0.033	0.000564	13	0.00159	0.0532	0.000205	0.000225	0.000113	0.105	0.00000237	0.000333	0.000409	0.00125	0.000297
2072 Sep	0.000197	0.000901	0.0743	0.00000659	2.12	3.01	0.0325	0.000567	13	0.00159	0.0529	0.000201	0.000224	0.000112	0.104	0.00000237	0.000333	0.000403	0.00125	0.000298
2072 Oct	0.000192	0.00089	0.0726	0.00000653	2.1	2.95	0.0315	0.000569	12.8	0.00157	0.0524	0.000192	0.000221	0.000111	0.103	0.00000238	0.00033	0.000391	0.00123	0.000295
2072 Nov	0.000191	0.000889	0.0723	0.00000652	2.1	2.94	0.0314	0.000569	12.8	0.00156	0.0523	0.000191	0.000221	0.000111	0.103	0.00000238	0.000329	0.000389	0.00123	0.000294

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2072 Dec	0.000191	0.000889	0.0723	0.00000652	2.1	2.94	0.0314	0.000569	12.8	0.00156	0.0523	0.000191	0.000221	0.000111	0.103	0.00000238	0.000329	0.000389	0.00123	0.000294
2073 Jan	0.000191	0.000889	0.0723	0.00000652	2.1	2.94	0.0314	0.000569	12.8	0.00156	0.0523	0.000191	0.000221	0.000111	0.103	0.00000238	0.000329	0.000389	0.00123	0.000294
2073 Feb	0.000191	0.000889	0.0723	0.00000652	2.1	2.94	0.0314	0.000569	12.8	0.00156	0.0523	0.000191	0.000221	0.000111	0.103	0.00000238	0.000329	0.000389	0.00123	0.000294
2073 Mar	0.000191	0.000889	0.0723	0.00000652	2.1	2.94	0.0314	0.000569	12.8	0.00156	0.0523	0.000191	0.000221	0.000111	0.103	0.00000238	0.000329	0.000389	0.00123	0.000294
2073 Apr	0.000191	0.000889	0.0723	0.00000652	2.1	2.94	0.0314	0.00057	12.8	0.00156	0.0523	0.000191	0.000221	0.000111	0.103	0.00000238	0.000329	0.000389	0.00123	0.000294
2073 May	0.000191	0.000887	0.0722	0.00000651	2.1	2.93	0.0313	0.00057	12.7	0.00156	0.0521	0.000191	0.00022	0.000111	0.103	0.00000239	0.000328	0.000388	0.00123	0.000293
2073 Jun	0.00019	0.000875	0.0714	0.00000639	2.08	2.89	0.0312	0.000572	12.5	0.00153	0.0511	0.000191	0.000217	0.00011	0.103	0.00000239	0.000324	0.000384	0.00121	0.00029
2073 Jul	0.00019	0.000876	0.0713	0.00000639	2.1	2.91	0.0313	0.000578	12.5	0.00154	0.051	0.000191	0.000218	0.000111	0.103	0.0000024	0.000328	0.000384	0.00121	0.000294
2073 Aug	0.000191	0.00088	0.0715	0.00000642	2.11	2.93	0.0315	0.000582	12.6	0.00155	0.0512	0.000191	0.00022	0.000111	0.103	0.0000024	0.000332	0.000385	0.00121	0.000298
2073 Sep	0.000191	0.000883	0.0715	0.00000644	2.13	2.96	0.0316	0.000587	12.7	0.00157	0.0511	0.000191	0.000221	0.000112	0.104	0.0000024	0.000336	0.000386	0.00121	0.000302
2073 Oct	0.00019	0.000882	0.0712	0.00000644	2.13	2.96	0.0315	0.000589	12.7	0.00157	0.0509	0.00019	0.000221	0.000112	0.103	0.0000024	0.000338	0.000384	0.00121	0.000304
2073 Nov	0.00019	0.000881	0.0711	0.00000643	2.13	2.96	0.0314	0.00059	12.7	0.00156	0.0508	0.000189	0.000221	0.000112	0.103	0.0000024	0.000338	0.000383	0.00121	0.000304
2073 Dec	0.00019	0.000881	0.0711	0.00000643	2.13	2.96	0.0314	0.00059	12.7	0.00156	0.0508	0.000189	0.000221	0.000112	0.103	0.0000024	0.000338	0.000383	0.00121	0.000304
2074 Jan	0.00019	0.000881	0.0711	0.00000643	2.13	2.96	0.0314	0.00059	12.7	0.00156	0.0508	0.000189	0.000221	0.000112	0.103	0.0000024	0.000338	0.000383	0.00121	0.000304
2074 Feb	0.00019	0.000881	0.0711	0.00000643	2.13	2.96	0.0314	0.00059	12.7	0.00156	0.0508	0.000189	0.000221	0.000112	0.103	0.0000024	0.000338	0.000383	0.00121	0.000304
2074 Mar	0.00019	0.000881	0.0711	0.00000643	2.13	2.96	0.0314	0.00059	12.7	0.00156	0.0508	0.000189	0.000221	0.000112	0.103	0.0000024	0.000338	0.000383	0.00121	0.000304
2074 Apr	0.00019	0.000882	0.0711	0.00000643	2.13	2.96	0.0314	0.00059	12.7	0.00157	0.0508	0.000189	0.000221	0.000112	0.103	0.0000024	0.000338	0.000383	0.00121	0.000304
2074 May	0.000192	0.000882	0.0717	0.00000642	2.13	2.96	0.0318	0.000592	12.7	0.00156	0.0506	0.000193	0.000221	0.000112	0.104	0.00000241	0.000336	0.000386	0.0012	0.000302
2074 Jun	0.000197	0.00087	0.0723	0.00000625	2.12	2.94	0.0328	0.000595	12.4	0.00154	0.0491	0.000203	0.000218	0.000112	0.105	0.00000242	0.000331	0.000392	0.00118	0.000298
2074 Jul	0.000198	0.000873	0.0725	0.00000627	2.14	2.96	0.033	0.0006	12.5	0.00155	0.0492	0.000204	0.00022	0.000113	0.106	0.00000243	0.000334	0.000394	0.00118	0.000302
2074 Aug	0.000199	0.000878	0.0728	0.0000063	2.15	2.98	0.0332	0.000604	12.6	0.00156	0.0495	0.000205	0.000221	0.000114	0.106	0.00000245	0.000338	0.000396	0.00118	0.000305
2074 Sep	0.000199	0.000881	0.0727	0.00000632	2.17	3.01	0.0332	0.000609	12.7	0.00157	0.0494	0.000205	0.000223	0.000115	0.106	0.00000244	0.000343	0.000396	0.00118	0.000311
2074 Oct	0.000199	0.000882	0.0726	0.00000633	2.17	3.03	0.0332	0.000611	12.7	0.00158	0.0493	0.000204	0.000223	0.000115	0.106	0.00000244	0.000346	0.000395	0.00118	0.000313
2074 Nov	0.000199	0.000882	0.0726	0.00000633	2.18	3.03	0.0333	0.000611	12.7	0.00158	0.0493	0.000204	0.000224	0.000115	0.106	0.00000244	0.000346	0.000396	0.00118	0.000313
2074 Dec	0.000199	0.000882	0.0726	0.00000633	2.18	3.03	0.0333	0.000611	12.7	0.00158	0.0493	0.000204	0.000224	0.000115	0.106	0.00000244	0.000346	0.000396	0.00118	0.000313
2075 Jan	0.000199	0.000882	0.0726	0.00000633	2.18	3.03	0.0333	0.000611	12.7	0.00158	0.0493	0.000204	0.000224	0.000115	0.106	0.00000244	0.000346	0.000396	0.00118	0.000313
2075 Feb	0.000199	0.000882	0.0726	0.00000633	2.18	3.03	0.0333	0.000611	12.7	0.00158	0.0493	0.000204	0.000224	0.000115	0.106	0.00000244	0.000346	0.000396	0.00118	0.000314
2075 Mar	0.000199	0.000882	0.0727	0.00000633	2.18	3.03	0.0333	0.000612	12.7	0.00158	0.0493	0.000204	0.000224	0.000115	0.106	0.00000244	0.000346	0.000396	0.00118	0.000314
2075 Apr	0.000199	0.000882	0.0727	0.00000634	2.18	3.03	0.0333	0.000612	12.7	0.00158	0.0493	0.000204	0.000224	0.000115	0.106	0.00000244	0.000346	0.000396	0.00119	0.000314
2075 May	0.000199	0.000884	0.0728	0.00000635	2.18	3.04	0.0333	0.000613	12.8	0.00158	0.0493	0.000205	0.000224	0.000115	0.107	0.00000244	0.000347	0.000397	0.00119	0.000314
2075 Jun	0.000195	0.000873	0.0719	0.00000634	2.17	2.99	0.0327	0.000615	12.6	0.00156	0.0485	0.0002	0.000224	0.000115	0.106	0.00000247	0.000344	0.000393	0.00119	0.000312
2075 Jul	0.000193	0.000868	0.0711	0.00000633	2.17	2.96	0.0323	0.000619	12.5	0.00156	0.0482	0.000196	0.000225	0.000114	0.106	0.00000249	0.000344	0.00039	0.0012	0.000313
2075 Aug	0.000193	0.000873	0.0713	0.00000636	2.18	2.99	0.0325	0.000624	12.6	0.00157	0.0483	0.000196	0.000227	0.000115	0.106	0.00000249	0.000349	0.000392	0.0012	0.000317
2075 Sep	0.000194	0.000875	0.0714	0.00000638	2.19	3.01	0.0326	0.000628	12.7	0.00158	0.0483	0.000196	0.000228	0.000116	0.106	0.0000025	0.000352	0.000392	0.0012	0.00032
2075 Oct	0.000194	0.000876	0.0713	0.00000639	2.2	3.02	0.0326	0.000629	12.7	0.00158	0.0483	0.000196	0.000229	0.000116	0.106	0.00000249	0.000354	0.000392	0.0012	0.000322
2075 Nov	0.000194	0.000876	0.0714	0.00000639	2.2	3.02	0.0326	0.00063	12.7	0.00159	0.0483	0.000196	0.000229	0.000116	0.106	0.00000249	0.000354	0.000393	0.0012	0.000323
2075 Dec	0.000194	0.000876	0.0714	0.00000639	2.2	3.03	0.0326	0.00063	12.7	0.00159	0.0483	0.000196	0.000229	0.000116	0.106	0.00000249	0.000354	0.000393	0.0012	0.000323
2076 Jan	0.000194	0.000877	0.0714	0.00000639	2.2	3.03	0.0326	0.00063	12.7	0.00159	0.0483	0.000196	0.000229	0.000116	0.106	0.00000249	0.000354	0.000393	0.0012	0.000323
2076 Feb	0.000194	0.000877	0.0714	0.00000639	2.2	3.03	0.0326	0.00063	12.7	0.00159	0.0483	0.000196	0.000229	0.000116	0.106	0.00000249	0.000354	0.000393	0.0012	0.000323
2076 Mar	0.000194	0.000877	0.0714	0.00000639	2.2	3.03	0.0326	0.00063	12.7	0.00159	0.0483	0.000196	0.000229	0.000116	0.106	0.00000249	0.000354	0.000393	0.0012	0.000323
2076 Apr	0.000194	0.000877	0.0714	0.00000639	2.2	3.03	0.0326	0.00063	12.7	0.00159	0.0483	0.000196	0.000229	0.000116	0.106	0.0000025	0.000354	0.000393	0.0012	0.000323
2076 May	0.000194	0.000879	0.0716	0.00000641	2.2	3.03	0.0327	0.000631	12.7	0.00159	0.0483	0.000197	0.00023	0.000116	0.107	0.0000025	0.000355	0.000394	0.0012	0.000324
2076 Jun	0.000198	0.000876	0.0729	0.00000643	2.2	3.02	0.0334	0.000632	12.5	0.00158	0.0473	0.000204	0.00023	0.000116	0.107	0.00000253	0.00035	0.000403	0.00121	0.000319
2076 Jul	0.000198	0.000877	0.0731	0.00000644	2.21	3.03	0.0335	0.000635	12.5	0.00158	0.0472	0.000205	0.000231	0.000117	0.108	0.00000254	0.000351	0.000405	0.00122	0.000321
2076 Aug	0.000199	0.000882	0.0734	0.00000648	2.23	3.06	0.0337	0.00064	12.6	0.0016	0.0473	0.000206	0.000233	0.000118	0.108	0.00000255	0.000355	0.000407	0.00122	0.000324
2076 Sep	0.000199	0.000884	0.0734	0.0000065	2.24	3.07	0.0338	0.000643	12.7	0.0016	0.0474	0.000206	0.000234	0.000118	0.109	0.00000255	0.000358	0.000407	0.00123	0.000327
2076 Oct	0.000199	0.000885	0.0733	0.00000651	2.24	3.09	0.0338	0.000646	12.7	0.00161	0.0473	0.000205	0.000235	0.000119	0.108	0.00000255	0.000361	0.000407	0.00122	0.00033
2076 Nov	0.000199	0.000885	0.0733	0.00000651	2.24	3.09	0.0338	0.000646	12.8	0.00161	0.0472	0.000205	0.000235	0.000119	0.108	0.00000255	0.000362	0.000407	0.00122	0.000331
2076 Dec	0.000199	0.000885	0.0733	0.00000651	2.24	3.09	0.0338	0.000646	12.8	0.00161	0.0472	0.000205	0.000235	0.000119	0.108	0.00000255	0.000362	0.000407	0.00122	0.000331
2077 Jan	0.000199	0.000885	0.0733	0.00000651	2.24	3.09	0.0338	0.000646	12.8	0.00161	0.0472	0.000205	0.000235	0.000119	0.108	0.00000255	0.000362	0.000407	0.00122	0.000331
2077 Feb	0.000199	0.000885	0.0733	0.00000651	2.24	3.09	0.0338	0.000646	12.8	0.00161	0.0472	0.000205	0.000235	0.000119	0.108	0.00000255	0.000362	0.000407	0.00122	0.000331
2077 Mar	0.000199	0.000885	0.0733	0.00000651	2.24	3.09	0.0338	0.000646	12.8	0.00161	0.0472	0.000205	0.000235	0.000119	0.109	0.00000255	0.000362	0.000407	0.00122	0.000331
2077 Apr	0.000199	0.000885	0.0733	0.00000651	2.24	3.09	0.0338	0.000646	12.8	0.00161	0.0473	0.000205	0.000235	0.000119	0.109	0.00000255	0.000362	0.000407	0.00122	0.000331
2077 May	0.0002	0.000887	0.0736	0.00000653	2.25	3.1	0.034	0.000647	12.8	0.00162	0.0472	0.000206	0.000236	0.000119	0.109	0.00000255	0.000362	0.000409	0.00123	0.000331
2077 Jun	0.000205	0.000886	0.0753	0.00000653	2.25	3.1	0.0348	0.000648	12.6	0.00161	0.0463	0.000215	0.000235	0.000119	0.11	0.00000258	0.000357	0.000418	0.00123	0.000326
2077 Jul	0.000206	0.000891	0.0756	0.00000657	2.26	3.12	0.035	0.000653	12.7	0.00162	0.0464	0.000216	0.000237	0.00012	0.111	0.00000259	0.00036	0.000421	0.00124	0.00033
2077 Aug	0.000207	0.000896	0.0759	0.00000661	2.28	3.15	0.0352	0.000658	12.8	0.00163	0.0466	0.000217	0.000239	0.000121	0.111	0.0000026	0.000364	0.000423	0.00124	0.000333
2077 Sep	0.000207	0.000898	0.0757	0.00000662	2.29	3.18	0.0352	0.000663	12.9	0.00164	0.0464	0.000216	0.00024	0.000121	0.111	0.00000259	0.00037	0.000422	0.00124	0.000339
2077 Oct	0.000207	0.000899	0.0758	0.00000664	2.29	3.18	0.0353	0.000665	12.9	0.00164	0.0463	0.000216	0.00024	0.000122	0.111	0.0000026	0.00037	0.000422	0.00124	0.00034
2077 Nov	0.000207	0.000899	0.0758	0.00000664	2.29	3.18	0.0353	0.000665	12.9	0.00164	0.0464	0.000216	0.00024	0.000122	0.111	0.0000026	0.000371	0.000422	0.00124	0.00034
2077 Dec	0.000207	0.000899	0.0758	0.00000664	2.29	3.18	0.0353	0.000665	12.9	0.00164	0.0464	0.000216	0.00024	0.000122	0.111	0.0000026	0.000371	0.000422	0.00124	0.00034
2078 Jan	0.000207	0.000899	0.0758	0.00000664	2.29	3.18	0.0353	0.000665	12.9	0.00164	0.0464	0.000216	0.00024	0.000122	0.111	0.0000026	0.000371	0.000422	0.00124	0.00034
2078 Feb	0.000207	0.000899	0.0758	0.00000664	2.29	3.18	0.0353	0.000665	12.9	0.00164	0.0464	0.000216	0.00024	0.000122	0.111	0.0000026	0.000371	0.000422	0.00124	0.00034
2078 Mar	0.000207	0.000899	0.0758	0.00000664	2.29	3.18	0.0353	0.000665	12.9	0.00164	0.0464	0.000216	0.00024	0.000122	0.111	0.0000026	0.000371	0.000422	0.00124	0.00034
2078 Apr	0.000207	0.0009	0.0759	0.00000664	2.29	3.18	0.0353	0.000665	12.9	0.00165	0.0464	0.000216	0.000241	0.000122	0.111	0.0000026	0.000371	0.000423	0.00124	0.00034
2078 May	0.000211	0.000903	0.0773	0.00000668	2.29	3.18	0.0359	0.000666	12.8	0.00164	0.046	0.000222	0.00024	0.000122	0.112	0.00000262	0.000366	0.00043	0.00125	0.000335
2078 Jun	0.000217	0.000898	0.0791	0.00000661	2.28	3.16	0.037	0.000667	12.5	0.00162	0.0449	0.000234	0.000238	0.000122	0.114	0.00000265	0.000356	0.00044	0.00124	0.000327

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Jul	0.000218	0.000902	0.0794	0.00000664	2.3	3.18	0.0372	0.000672	12.5	0.00163	0.045	0.000235	0.000239	0.000122	0.114	0.00000266	0.00036	0.000442	0.00125	0.000331
2078 Aug	0.000219	0.000907	0.0795	0.00000668	2.32	3.21	0.0374	0.000678	12.7	0.00164	0.0451	0.000235	0.000241	0.000123	0.115	0.00000267	0.000365	0.000443	0.00125	0.000336
2078 Sep	0.000219	0.000909	0.0796	0.0000067	2.33	3.23	0.0375	0.000681	12.7	0.00165	0.0451	0.000235	0.000242	0.000124	0.115	0.00000267	0.000368	0.000444	0.00125	0.000339
2078 Oct	0.000219	0.00091	0.0795	0.00000671	2.33	3.25	0.0375	0.000683	12.8	0.00166	0.0451	0.000235	0.000243	0.000124	0.115	0.00000267	0.000371	0.000444	0.00125	0.000341
2078 Nov	0.000219	0.000911	0.0795	0.00000671	2.34	3.25	0.0375	0.000684	12.8	0.00166	0.0451	0.000235	0.000243	0.000124	0.115	0.00000267	0.000371	0.000444	0.00125	0.000342
2078 Dec	0.000219	0.000911	0.0795	0.00000671	2.34	3.25	0.0375	0.000684	12.8	0.00166	0.0451	0.000235	0.000243	0.000124	0.115	0.00000267	0.000371	0.000444	0.00125	0.000342
2079 Jan	0.000219	0.000911	0.0795	0.00000671	2.34	3.25	0.0375	0.000684	12.8	0.00166	0.0451	0.000235	0.000243	0.000124	0.115	0.00000267	0.000371	0.000444	0.00125	0.000342
2079 Feb	0.000219	0.000911	0.0795	0.00000671	2.34	3.25	0.0375	0.000684	12.8	0.00166	0.0451	0.000235	0.000243	0.000124	0.115	0.00000267	0.000371	0.000444	0.00125	0.000342
2079 Mar	0.000219	0.000911	0.0795	0.00000671	2.34	3.25	0.0375	0.000684	12.8	0.00166	0.0451	0.000235	0.000243	0.000124	0.115	0.00000267	0.000371	0.000444	0.00125	0.000342
2079 Apr	0.000219	0.000911	0.0796	0.00000671	2.34	3.25	0.0375	0.000684	12.8	0.00166	0.0451	0.000235	0.000243	0.000124	0.115	0.00000267	0.000372	0.000444	0.00125	0.000342
2079 May	0.000219	0.000913	0.0797	0.00000672	2.34	3.26	0.0376	0.000685	12.8	0.00166	0.0452	0.000235	0.000244	0.000125	0.115	0.00000267	0.000372	0.000445	0.00126	0.000343
2079 Jun	0.000219	0.000905	0.0798	0.00000672	2.33	3.22	0.0375	0.000686	12.6	0.00165	0.0442	0.000236	0.000243	0.000124	0.115	0.00000269	0.000367	0.000446	0.00126	0.000338
2079 Jul	0.000218	0.000903	0.0796	0.00000672	2.33	3.22	0.0375	0.00069	12.5	0.00164	0.044	0.000235	0.000244	0.000124	0.115	0.00000271	0.000368	0.000445	0.00126	0.00034
2079 Aug	0.000219	0.000908	0.0799	0.00000676	2.35	3.24	0.0377	0.000694	12.6	0.00166	0.0441	0.000236	0.000245	0.000125	0.116	0.00000272	0.000372	0.000447	0.00126	0.000343
2079 Sep	0.000219	0.000911	0.0798	0.00000678	2.36	3.27	0.0377	0.000699	12.7	0.00167	0.0441	0.000236	0.000247	0.000126	0.116	0.00000272	0.000376	0.000447	0.00126	0.000348
2079 Oct	0.000218	0.00091	0.0796	0.00000678	2.36	3.27	0.0376	0.0007	12.7	0.00167	0.044	0.000234	0.000247	0.000126	0.116	0.00000272	0.000377	0.000446	0.00126	0.000349
2079 Nov	0.000218	0.000909	0.0795	0.00000678	2.36	3.26	0.0375	0.000701	12.7	0.00167	0.0439	0.000233	0.000247	0.000126	0.116	0.00000272	0.000377	0.000445	0.00126	0.000349
2079 Dec	0.000217	0.000909	0.0794	0.00000678	2.36	3.26	0.0374	0.000701	12.7	0.00166	0.0439	0.000233	0.000246	0.000125	0.116	0.00000272	0.000376	0.000444	0.00126	0.000348
2080 Jan	0.000217	0.000909	0.0794	0.00000678	2.36	3.26	0.0374	0.000701	12.7	0.00166	0.0439	0.000233	0.000246	0.000125	0.116	0.00000272	0.000376	0.000444	0.00126	0.000348
2080 Feb	0.000217	0.000909	0.0794	0.00000678	2.36	3.26	0.0374	0.000701	12.7	0.00166	0.0439	0.000233	0.000246	0.000125	0.116	0.00000272	0.000376	0.000444	0.00126	0.000348
2080 Mar	0.000217	0.000909	0.0794	0.00000678	2.36	3.26	0.0374	0.000701	12.7	0.00166	0.0439	0.000233	0.000246	0.000125	0.116	0.00000272	0.000376	0.000444	0.00126	0.000348
2080 Apr	0.000218	0.000909	0.0794	0.00000678	2.36	3.26	0.0374	0.000701	12.7	0.00167	0.0439	0.000233	0.000246	0.000125	0.116	0.00000272	0.000376	0.000444	0.00126	0.000348
2080 May	0.000218	0.00091	0.0795	0.00000679	2.36	3.26	0.0375	0.000702	12.7	0.00167	0.044	0.000233	0.000247	0.000126	0.116	0.00000273	0.000377	0.000445	0.00127	0.000349
2080 Jun	0.000212	0.0009	0.0781	0.00000679	2.34	3.2	0.0364	0.000703	12.5	0.00165	0.0434	0.000224	0.000246	0.000124	0.114	0.00000275	0.000373	0.000436	0.00127	0.000346
2080 Jul	0.000208	0.000895	0.0771	0.00000679	2.34	3.18	0.0358	0.000707	12.4	0.00164	0.043	0.000218	0.000246	0.000124	0.114	0.00000276	0.000373	0.00043	0.00127	0.000347
2080 Aug	0.000208	0.000899	0.0772	0.00000683	2.35	3.21	0.0359	0.000713	12.5	0.00165	0.0431	0.000219	0.000248	0.000125	0.114	0.00000277	0.000378	0.000432	0.00127	0.000352
2080 Sep	0.000208	0.0009	0.077	0.00000684	2.36	3.22	0.0358	0.000716	12.6	0.00166	0.043	0.000217	0.000249	0.000125	0.114	0.00000277	0.000381	0.00043	0.00127	0.000355
2080 Oct	0.000206	0.000897	0.0764	0.00000684	2.36	3.2	0.0355	0.000718	12.5	0.00165	0.0429	0.000214	0.000248	0.000125	0.114	0.00000278	0.000381	0.000426	0.00127	0.000355
2080 Nov	0.000204	0.000895	0.076	0.00000683	2.35	3.19	0.0352	0.000719	12.5	0.00165	0.0428	0.000211	0.000247	0.000124	0.113	0.00000278	0.000379	0.000423	0.00127	0.000354
2080 Dec	0.000204	0.000894	0.076	0.00000683	2.35	3.18	0.0352	0.000719	12.5	0.00165	0.0428	0.000211	0.000247	0.000124	0.113	0.00000278	0.000379	0.000423	0.00127	0.000353
2081 Jan	0.000204	0.000894	0.076	0.00000683	2.35	3.18	0.0352	0.000719	12.5	0.00165	0.0428	0.000211	0.000247	0.000124	0.113	0.00000278	0.000379	0.000423	0.00127	0.000353
2081 Feb	0.000204	0.000894	0.076	0.00000683	2.35	3.18	0.0352	0.000719	12.5	0.00165	0.0428	0.000211	0.000247	0.000124	0.113	0.00000278	0.000379	0.000423	0.00127	0.000353
2081 Mar	0.000204	0.000894	0.076	0.00000683	2.35	3.18	0.0352	0.000719	12.5	0.00165	0.0428	0.000211	0.000247	0.000124	0.113	0.00000278	0.000379	0.000423	0.00127	0.000354
2081 Apr	0.000204	0.000895	0.076	0.00000683	2.35	3.19	0.0352	0.000719	12.5	0.00165	0.0428	0.000211	0.000248	0.000124	0.113	0.00000278	0.000379	0.000423	0.00127	0.000354
2081 May	0.000204	0.000894	0.076	0.00000683	2.35	3.17	0.0351	0.00072	12.4	0.00164	0.0427	0.000211	0.000247	0.000124	0.113	0.00000279	0.000377	0.000422	0.00127	0.000352
2081 Jun	0.000202	0.000884	0.0755	0.00000677	2.33	3.13	0.0348	0.000723	12.2	0.00162	0.0419	0.000209	0.000244	0.000123	0.113	0.00000281	0.000372	0.000418	0.00126	0.000348
2081 Jul	0.000203	0.000889	0.0758	0.0000068	2.34	3.15	0.035	0.000728	12.3	0.00163	0.0421	0.00021	0.000246	0.000124	0.114	0.00000283	0.000375	0.00042	0.00126	0.000351
2081 Aug	0.000204	0.000894	0.0762	0.00000684	2.36	3.17	0.0352	0.000733	12.4	0.00164	0.0423	0.000211	0.000248	0.000125	0.114	0.00000284	0.000378	0.000422	0.00127	0.000354
2081 Sep	0.000204	0.000897	0.0761	0.00000686	2.37	3.19	0.0353	0.000737	12.5	0.00165	0.0423	0.000211	0.000249	0.000126	0.115	0.00000284	0.000382	0.000422	0.00127	0.000358
2081 Oct	0.000204	0.000898	0.0761	0.00000687	2.38	3.21	0.0353	0.000739	12.5	0.00166	0.0423	0.000211	0.000249	0.000126	0.115	0.00000284	0.000384	0.000422	0.00127	0.00036
2081 Nov	0.000204	0.000898	0.0761	0.00000687	2.38	3.21	0.0353	0.00074	12.5	0.00166	0.0422	0.00021	0.00025	0.000126	0.115	0.00000283	0.000386	0.000422	0.00127	0.000361
2081 Dec	0.000204	0.000898	0.0761	0.00000687	2.38	3.21	0.0353	0.00074	12.5	0.00166	0.0422	0.00021	0.00025	0.000126	0.115	0.00000283	0.000386	0.000422	0.00127	0.000361
2082 Jan	0.000204	0.000898	0.0761	0.00000687	2.38	3.21	0.0353	0.00074	12.5	0.00166	0.0422	0.00021	0.00025	0.000126	0.115	0.00000283	0.000386	0.000422	0.00127	0.000361
2082 Feb	0.000204	0.000898	0.0761	0.00000687	2.38	3.21	0.0353	0.00074	12.5	0.00166	0.0422	0.00021	0.00025	0.000126	0.115	0.00000283	0.000386	0.000422	0.00127	0.000361
2082 Mar	0.000204	0.000898	0.0761	0.00000687	2.38	3.21	0.0353	0.00074	12.5	0.00166	0.0422	0.00021	0.00025	0.000126	0.115	0.00000283	0.000386	0.000422	0.00127	0.000361
2082 Apr	0.000204	0.000898	0.0761	0.00000688	2.38	3.21	0.0353	0.00074	12.5	0.00166	0.0422	0.000211	0.00025	0.000126	0.115	0.00000284	0.000386	0.000422	0.00127	0.000362
2082 May	0.000204	0.000899	0.0762	0.00000689	2.38	3.22	0.0354	0.000741	12.5	0.00166	0.0423	0.000211	0.00025	0.000126	0.115	0.00000284	0.000386	0.000423	0.00127	0.000362
2082 Jun	0.0002	0.00089	0.0752	0.0000069	2.36	3.17	0.0346	0.000741	12.3	0.00165	0.0415	0.000204	0.00025	0.000125	0.114	0.00000286	0.000382	0.000418	0.00128	0.000359
2082 Jul	0.000194	0.000879	0.0739	0.0000069	2.35	3.11	0.0337	0.000743	12.1	0.00163	0.0409	0.000197	0.00025	0.000124	0.112	0.00000288	0.000379	0.000411	0.00129	0.000357
2082 Aug	0.000195	0.000884	0.0741	0.00000693	2.36	3.14	0.0339	0.000748	12.2	0.00164	0.0411	0.000197	0.000251	0.000125	0.113	0.00000289	0.000383	0.000413	0.00129	0.000361
2082 Sep	0.000196	0.000886	0.0742	0.00000695	2.37	3.16	0.0339	0.000752	12.3	0.00165	0.0411	0.000197	0.000252	0.000125	0.113	0.00000289	0.000386	0.000414	0.00129	0.000364
2082 Oct	0.000195	0.000887	0.074	0.00000696	2.38	3.17	0.0339	0.000754	12.4	0.00166	0.041	0.000197	0.000253	0.000126	0.113	0.00000288	0.00039	0.000413	0.00129	0.000368
2082 Nov	0.000195	0.000887	0.074	0.00000696	2.38	3.18	0.0339	0.000754	12.4	0.00166	0.041	0.000197	0.000253	0.000126	0.113	0.00000288	0.00039	0.000413	0.00129	0.000368
2082 Dec	0.000195	0.000887	0.074	0.00000696	2.38	3.18	0.0339	0.000755	12.4	0.00166	0.041	0.000197	0.000253	0.000126	0.113	0.00000288	0.00039	0.000413	0.00129	0.000368
2083 Jan	0.000195	0.000887	0.074	0.00000696	2.38	3.18	0.0339	0.000755	12.4	0.00166	0.041	0.000197	0.000253	0.000126	0.113	0.00000288	0.00039	0.000413	0.00129	0.000368
2083 Feb	0.000195	0.000887	0.074	0.00000696	2.38	3.18	0.0339	0.000755	12.4	0.00166	0.041	0.000197	0.000253	0.000126	0.113	0.00000288	0.00039	0.000413	0.00129	0.000368
2083 Mar	0.000195	0.000887	0.074	0.00000696	2.38	3.18	0.0339	0.000755	12.4	0.00166	0.041	0.000197	0.000253	0.000126	0.113	0.00000288	0.00039	0.000413	0.00129	0.000368
2083 Apr	0.000195	0.000888	0.0741	0.00000696	2.38	3.18	0.034	0.000755	12.4	0.00166	0.041	0.000197	0.000253	0.000126	0.113	0.00000288	0.00039	0.000413	0.00129	0.000368
2083 May	0.000196	0.000889	0.0744	0.00000698	2.38	3.18	0.0341	0.000756	12.3	0.00166	0.0409	0.000198	0.000253	0.000126	0.113	0.00000289	0.000389	0.000415	0.00129	0.000367
2083 Jun	0.000198	0.000878	0.0749	0.0000069	2.36	3.13	0.0344	0.000758	12	0.00163	0.0399	0.000202	0.000251	0.000125	0.114	0.00000292	0.00038	0.000418	0.00128	0.00036
2083 Jul	0.000198	0.000878	0.0748	0.0000069	2.37	3.14	0.0345	0.000763	12	0.00163	0.0398	0.000203	0.000252	0.000126	0.114	0.00000293	0.000382	0.000418	0.00128	0.000363
2083 Aug	0.000199	0.000883	0.0749	0.00000693	2.39	3.17	0.0346	0.000769	12.1	0.00165	0.0399	0.000203	0.000253	0.000127	0.114	0.00000294	0.000388	0.000419	0.00129	0.000368
2083 Sep	0.000198	0.000884	0.0748	0.00000694	2.4	3.19	0.0346	0.000773	12.2	0.00165	0.0398	0.000202	0.000254	0.000127	0.115	0.00000294	0.000391	0.000418	0.00129	0.000372
2083 Oct	0.000196	0.000879	0.074	0.00000689	2.39	3.16	0.0342	0.000777	12.1	0.00164	0.0395	0.000199	0.000252	0.000126	0.114	0.00000295	0.000389	0.000412	0.00127	0.000371
2083 Nov	0.000195	0.000876	0.0736	0.00000687	2.39	3.14	0.034	0.000778	12.1	0.00163	0.0394	0.000197	0.000251	0.000126	0.114	0.00000295	0.000388	0.000409	0.00127	0.00037
2083 Dec	0.000195	0.000876	0.0736	0.00000687	2.39	3.14	0.034	0.000778	12.1	0.00163	0.0394	0.000197	0.000251	0.000126	0.114	0.00000295	0.000388	0.000409	0.00127	0.00037
2084 Jan	0.000195	0.000876	0.0736	0.00000687	2.39	3.14	0.034	0.000778	12.1	0.00163	0.0394	0.000197	0.000251	0.000126	0.114	0.00000295	0.000388	0.000409	0.00127	0.00037

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Feb	0.000195	0.000876	0.0736	0.00000687	2.39	3.14	0.034	0.000778	12.1	0.00163	0.0394	0.000197	0.000251	0.000126	0.114	0.00000295	0.000388	0.000409	0.00127	0.00037
2084 Mar	0.000195	0.000876	0.0736	0.00000687	2.39	3.14	0.034	0.000778	12.1	0.00163	0.0394	0.000197	0.000251	0.000126	0.114	0.00000295	0.000388	0.000409	0.00127	0.00037
2084 Apr	0.000195	0.000877	0.0737	0.00000687	2.39	3.15	0.0341	0.000778	12.1	0.00163	0.0394	0.000197	0.000251	0.000126	0.114	0.00000296	0.000388	0.00041	0.00127	0.00037
2084 May	0.000196	0.000878	0.0741	0.00000687	2.39	3.15	0.0343	0.000781	12	0.00163	0.0393	0.000199	0.000251	0.000126	0.114	0.00000296	0.000387	0.000411	0.00127	0.00037
2084 Jun	0.000199	0.000867	0.0741	0.0000067	2.38	3.12	0.0348	0.000787	11.8	0.00161	0.0383	0.000205	0.000247	0.000126	0.115	0.00000297	0.000383	0.000411	0.00123	0.000368
2084 Jul	0.0002	0.000869	0.0741	0.00000671	2.4	3.14	0.035	0.000793	11.9	0.00162	0.0383	0.000206	0.000248	0.000127	0.115	0.00000298	0.000386	0.000412	0.00123	0.000372
2084 Aug	0.0002	0.000874	0.0743	0.00000674	2.41	3.17	0.0351	0.000798	12	0.00163	0.0384	0.000206	0.00025	0.000128	0.116	0.00000299	0.000391	0.000413	0.00124	0.000376
2084 Sep	0.0002	0.000876	0.0743	0.00000676	2.42	3.2	0.0352	0.000802	12.1	0.00164	0.0384	0.000206	0.000251	0.000128	0.116	0.00000299	0.000395	0.000414	0.00124	0.00038
2084 Oct	0.0002	0.000876	0.0742	0.00000676	2.43	3.21	0.0352	0.000804	12.1	0.00164	0.0383	0.000205	0.000252	0.000129	0.116	0.00000299	0.000397	0.000413	0.00124	0.000382
2084 Nov	0.0002	0.000876	0.0741	0.00000676	2.43	3.2	0.0351	0.000805	12.1	0.00164	0.0382	0.000205	0.000251	0.000129	0.116	0.00000299	0.000397	0.000412	0.00123	0.000382
2084 Dec	0.0002	0.000876	0.0741	0.00000676	2.43	3.2	0.0351	0.000805	12.1	0.00164	0.0382	0.000205	0.000251	0.000129	0.116	0.00000299	0.000397	0.000412	0.00123	0.000382
2085 Jan	0.0002	0.000876	0.0741	0.00000676	2.43	3.2	0.0351	0.000805	12.1	0.00164	0.0382	0.000205	0.000251	0.000129	0.116	0.00000299	0.000397	0.000412	0.00123	0.000382
2085 Feb	0.0002	0.000876	0.0741	0.00000676	2.43	3.2	0.0351	0.000805	12.1	0.00164	0.0382	0.000205	0.000251	0.000129	0.116	0.00000299	0.000397	0.000412	0.00123	0.000382
2085 Mar	0.0002	0.000876	0.0741	0.00000676	2.43	3.2	0.0351	0.000805	12.1	0.00164	0.0382	0.000205	0.000251	0.000129	0.116	0.00000299	0.000397	0.000412	0.00123	0.000382
2085 Apr	0.0002	0.000876	0.0741	0.00000676	2.43	3.2	0.0351	0.000805	12.1	0.00164	0.0382	0.000205	0.000251	0.000129	0.116	0.00000299	0.000397	0.000412	0.00124	0.000382
2085 May	0.000201	0.000877	0.0745	0.00000676	2.43	3.21	0.0354	0.000808	12.1	0.00164	0.0382	0.000207	0.000251	0.000129	0.116	0.000003	0.000397	0.000414	0.00123	0.000382
2085 Jun	0.000205	0.000877	0.0753	0.00000673	2.44	3.21	0.036	0.000814	12	0.00164	0.0377	0.000213	0.00025	0.000129	0.117	0.00000302	0.000395	0.000418	0.00123	0.000382
2085 Jul	0.000206	0.000882	0.0756	0.00000677	2.46	3.24	0.0362	0.00082	12.1	0.00165	0.0379	0.000213	0.000252	0.00013	0.118	0.00000303	0.000399	0.00042	0.00123	0.000386
2085 Aug	0.000206	0.000886	0.0756	0.0000068	2.47	3.28	0.0363	0.000826	12.2	0.00167	0.0379	0.000213	0.000254	0.000131	0.118	0.00000303	0.000406	0.00042	0.00123	0.000392
2085 Sep	0.000206	0.000888	0.0757	0.00000681	2.48	3.29	0.0364	0.000831	12.2	0.00167	0.0377	0.000214	0.000254	0.000132	0.119	0.00000304	0.000408	0.00042	0.00123	0.000394
2085 Oct	0.000206	0.000886	0.0756	0.00000679	2.48	3.28	0.0363	0.000835	12.2	0.00166	0.0375	0.000213	0.000253	0.000131	0.119	0.00000305	0.000406	0.000417	0.00122	0.000393
2085 Nov	0.000205	0.000885	0.0754	0.00000677	2.48	3.27	0.0362	0.000836	12.1	0.00166	0.0374	0.000212	0.000252	0.000131	0.119	0.00000306	0.000405	0.000416	0.00122	0.000393
2085 Dec	0.000205	0.000885	0.0754	0.00000677	2.48	3.27	0.0362	0.000836	12.1	0.00166	0.0374	0.000212	0.000252	0.000131	0.119	0.00000306	0.000405	0.000416	0.00122	0.000393
2086 Jan	0.000205	0.000885	0.0754	0.00000677	2.48	3.27	0.0362	0.000836	12.1	0.00166	0.0374	0.000212	0.000252	0.000131	0.119	0.00000306	0.000405	0.000416	0.00122	0.000393
2086 Feb	0.000205	0.000885	0.0754	0.00000677	2.48	3.27	0.0362	0.000836	12.1	0.00166	0.0374	0.000212	0.000252	0.000131	0.119	0.00000306	0.000405	0.000416	0.00122	0.000393
2086 Mar	0.000205	0.000885	0.0754	0.00000677	2.48	3.27	0.0362	0.000837	12.1	0.00166	0.0374	0.000212	0.000252	0.000131	0.119	0.00000306	0.000405	0.000416	0.00122	0.000393
2086 Apr	0.000205	0.000885	0.0754	0.00000677	2.48	3.27	0.0362	0.000837	12.1	0.00166	0.0374	0.000212	0.000252	0.000131	0.119	0.00000306	0.000405	0.000416	0.00122	0.000393
2086 May	0.000206	0.000887	0.0756	0.00000679	2.48	3.27	0.0363	0.000838	12.1	0.00166	0.0375	0.000213	0.000252	0.000132	0.119	0.00000307	0.000405	0.000417	0.00122	0.000393
2086 Jun	0.000208	0.000877	0.0757	0.00000668	2.47	3.23	0.0366	0.000844	11.9	0.00163	0.0366	0.000216	0.000249	0.000131	0.119	0.00000309	0.000398	0.000416	0.0012	0.000389
2086 Jul	0.000208	0.000876	0.0755	0.00000667	2.48	3.24	0.0367	0.000851	11.9	0.00164	0.0365	0.000216	0.00025	0.000132	0.119	0.00000311	0.000401	0.000416	0.0012	0.000392
2086 Aug	0.000208	0.000881	0.0757	0.00000671	2.5	3.28	0.0369	0.000857	12	0.00165	0.0365	0.000217	0.000252	0.000133	0.12	0.00000311	0.000406	0.000418	0.0012	0.000398
2086 Sep	0.000208	0.000884	0.0757	0.00000673	2.51	3.3	0.0369	0.000861	12.1	0.00166	0.0365	0.000216	0.000253	0.000133	0.12	0.00000311	0.000411	0.000418	0.00121	0.000402
2086 Oct	0.000208	0.000885	0.0756	0.00000674	2.51	3.31	0.037	0.000862	12.1	0.00167	0.0365	0.000216	0.000254	0.000134	0.12	0.00000311	0.000413	0.000418	0.00121	0.000404
2086 Nov	0.000208	0.000885	0.0757	0.00000674	2.51	3.31	0.037	0.000863	12.1	0.00167	0.0365	0.000216	0.000254	0.000134	0.12	0.00000311	0.000413	0.000418	0.00121	0.000404
2086 Dec	0.000208	0.000885	0.0757	0.00000674	2.51	3.31	0.037	0.000863	12.1	0.00167	0.0365	0.000216	0.000254	0.000134	0.12	0.00000311	0.000413	0.000418	0.00121	0.000404
2087 Jan	0.000208	0.000885	0.0757	0.00000674	2.51	3.31	0.037	0.000863	12.1	0.00167	0.0365	0.000216	0.000254	0.000134	0.12	0.00000311	0.000413	0.000418	0.00121	0.000404
2087 Feb	0.000208	0.000885	0.0757	0.00000674	2.51	3.31	0.037	0.000863	12.1	0.00167	0.0365	0.000216	0.000254	0.000134	0.12	0.00000311	0.000413	0.000418	0.00121	0.000404
2087 Mar	0.000208	0.000885	0.0757	0.00000674	2.52	3.31	0.037	0.000863	12.1	0.00167	0.0365	0.000216	0.000254	0.000134	0.12	0.00000311	0.000413	0.000418	0.00121	0.000404
2087 Apr	0.000208	0.000885	0.0757	0.00000674	2.52	3.32	0.037	0.000863	12.1	0.00167	0.0365	0.000216	0.000254	0.000134	0.12	0.00000311	0.000413	0.000418	0.00121	0.000404
2087 May	0.000209	0.000886	0.0759	0.00000675	2.52	3.32	0.0371	0.000864	12.1	0.00167	0.0365	0.000217	0.000254	0.000134	0.12	0.00000312	0.000413	0.00042	0.00121	0.000405
2087 Jun	0.000212	0.000886	0.0767	0.00000675	2.52	3.31	0.0376	0.00087	12	0.00166	0.036	0.000222	0.000253	0.000134	0.121	0.00000315	0.00041	0.000423	0.00121	0.000403
2087 Jul	0.000212	0.000891	0.0769	0.00000679	2.54	3.34	0.0377	0.000876	12.1	0.00168	0.0361	0.000222	0.000255	0.000135	0.122	0.00000316	0.000415	0.000425	0.00121	0.000408
2087 Aug	0.000213	0.000895	0.0772	0.00000683	2.56	3.37	0.0379	0.000881	12.2	0.00169	0.0362	0.000223	0.000257	0.000136	0.122	0.00000317	0.000419	0.000427	0.00122	0.000412
2087 Sep	0.000214	0.000898	0.0773	0.00000685	2.57	3.39	0.038	0.000885	12.3	0.0017	0.0363	0.000223	0.000258	0.000137	0.123	0.00000317	0.000422	0.000428	0.00122	0.000415
2087 Oct	0.000213	0.000899	0.0773	0.00000686	2.57	3.4	0.038	0.000886	12.3	0.0017	0.0362	0.000223	0.000259	0.000137	0.123	0.00000317	0.000424	0.000428	0.00122	0.000417
2087 Nov	0.000213	0.000899	0.0773	0.00000686	2.57	3.4	0.038	0.000887	12.3	0.00171	0.0362	0.000223	0.000259	0.000137	0.123	0.00000317	0.000425	0.000428	0.00122	0.000417
2087 Dec	0.000213	0.000899	0.0773	0.00000686	2.57	3.4	0.038	0.000887	12.3	0.00171	0.0362	0.000223	0.000259	0.000137	0.123	0.00000317	0.000425	0.000428	0.00122	0.000417
2088 Jan	0.000213	0.000899	0.0773	0.00000686	2.57	3.4	0.038	0.000887	12.3	0.00171	0.0362	0.000223	0.000259	0.000137	0.123	0.00000317	0.000425	0.000428	0.00122	0.000417
2088 Feb	0.000213	0.000899	0.0773	0.00000686	2.57	3.4	0.038	0.000887	12.3	0.00171	0.0362	0.000223	0.000259	0.000137	0.123	0.00000317	0.000425	0.000428	0.00122	0.000417
2088 Mar	0.000213	0.000899	0.0773	0.00000686	2.57	3.4	0.038	0.000887	12.3	0.00171	0.0362	0.000223	0.000259	0.000137	0.123	0.00000317	0.000425	0.000428	0.00122	0.000417
2088 Apr	0.000214	0.0009	0.0773	0.00000686	2.58	3.41	0.0381	0.000888	12.3	0.00171	0.0362	0.000223	0.000259	0.000137	0.123	0.00000317	0.000425	0.000428	0.00122	0.000418
2088 May	0.000214	0.000902	0.0775	0.00000688	2.58	3.41	0.0381	0.000889	12.4	0.00171	0.0363	0.000224	0.00026	0.000137	0.123	0.00000318	0.000426	0.000429	0.00122	0.000419
2088 Jun	0.000214	0.000904	0.078	0.00000694	2.58	3.42	0.0382	0.000892	12.4	0.00172	0.0361	0.000224	0.000261	0.000138	0.123	0.00000319	0.000427	0.000431	0.00124	0.000419
2088 Jul	0.000216	0.00091	0.0786	0.00000701	2.6	3.44	0.0384	0.000898	12.4	0.00173	0.0361	0.000225	0.000263	0.000138	0.124	0.00000322	0.000429	0.000435	0.00125	0.000422
2088 Aug	0.000217	0.000916	0.079	0.00000705	2.62	3.47	0.0387	0.000904	12.5	0.00174	0.0363	0.000226	0.000265	0.000139	0.125	0.00000323	0.000433	0.000437	0.00125	0.000426
2088 Sep	0.000217	0.000919	0.0791	0.00000708	2.63	3.49	0.0388	0.000908	12.6	0.00175	0.0364	0.000226	0.000266	0.00014	0.125	0.00000324	0.000436	0.000438	0.00126	0.000429
2088 Oct	0.000217	0.000919	0.0788	0.00000708	2.64	3.51	0.0387	0.000909	12.6	0.00176	0.0362	0.000226	0.000267	0.00014	0.125	0.00000323	0.00044	0.000437	0.00125	0.000432
2088 Nov	0.000216	0.000919	0.0788	0.00000708	2.64	3.51	0.0387	0.000909	12.7	0.00176	0.0362	0.000225	0.000267	0.00014	0.125	0.00000322	0.00044	0.000437	0.00125	0.000433
2088 Dec	0.000216	0.000919	0.0788	0.00000708	2.64	3.51	0.0387	0.00091	12.7	0.00176	0.0362	0.000225	0.000267	0.00014	0.125	0.00000322	0.00044	0.000437	0.00125	0.000433
2089 Jan	0.000216	0.000919	0.0788	0.00000708	2.64	3.51	0.0387	0.00091	12.7	0.00176	0.0362	0.000225	0.000267	0.00014	0.125	0.00000322	0.00044	0.000437	0.00125	0.000433
2089 Feb	0.000216	0.000919	0.0788	0.00000708	2.64	3.51	0.0387	0.00091	12.7	0.00176	0.0362	0.000225	0.000267	0.00014	0.125	0.00000322	0.00044	0.000437	0.00125	0.000433
2089 Mar	0.000217	0.000919	0.0788	0.00000708	2.64	3.51	0.0387	0.00091	12.7	0.00176	0.0362	0.000225	0.000267	0.00014	0.125	0.00000322	0.000441	0.000437	0.00125	0.000433
2089 Apr	0.000217	0.00092	0.0789	0.00000708	2.64	3.51	0.0388	0.00091	12.7	0.00176	0.0362	0.000226	0.000267	0.00014	0.125	0.00000323	0.000441	0.000437	0.00125	0.000433
2089 May	0.000218	0.000924	0.0795	0.00000713	2.64	3.52	0.039	0.000912	12.7	0.00176	0.0362	0.000228	0.000268	0.000141	0.125	0.00000324	0.000441	0.000441	0.00126	0.000433
2089 Jun	0.000224	0.000935	0.0823	0.00000728	2.65	3.54	0.0399	0.000914	12.6	0.00177	0.036	0.000236	0.000269	0.000141	0.127	0.00000328	0.000436	0.000454	0.00129	0.000428
2089 Jul	0.000225	0.000941	0.0826	0.00000732	2.67	3.57	0.0401	0.00092	12.7	0.00178	0.0361	0.000237	0.000271	0.000142	0.128	0.00000329	0.000441	0.000456	0.0013	0.000433
2089 Aug	0.000226	0.000945	0.0828	0.00000736	2.69	3.6	0.0403	0.000925	12.8	0.0018	0.0362	0.000238	0.000273	0.000143	0.128	0.0000033	0.000445	0.000458	0.0013	0.000437

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Sep	0.000226	0.000948	0.0828	0.00000738	2.7	3.62	0.0404	0.000929	12.9	0.00181	0.0362	0.000238	0.000274	0.000144	0.128	0.0000033	0.000449	0.000458	0.0013	0.000441
2089 Oct	0.000227	0.000952	0.0835	0.00000744	2.7	3.63	0.0405	0.000931	12.9	0.00181	0.036	0.000238	0.000274	0.000144	0.129	0.00000331	0.000448	0.00046	0.00131	0.00044
2089 Nov	0.000227	0.000953	0.0838	0.00000746	2.7	3.63	0.0405	0.000932	12.8	0.00181	0.036	0.000239	0.000274	0.000144	0.129	0.00000332	0.000447	0.000461	0.00131	0.000439
2089 Dec	0.000227	0.000953	0.0838	0.00000746	2.7	3.63	0.0405	0.000932	12.8	0.00181	0.036	0.000239	0.000274	0.000144	0.129	0.00000332	0.000447	0.000461	0.00131	0.000439
2090 Jan	0.000227	0.000953	0.0838	0.00000746	2.7	3.63	0.0405	0.000932	12.8	0.00181	0.036	0.000239	0.000274	0.000144	0.129	0.00000332	0.000447	0.000461	0.00131	0.000439
2090 Feb	0.000227	0.000953	0.0838	0.00000746	2.7	3.63	0.0405	0.000932	12.8	0.00181	0.036	0.000239	0.000274	0.000144	0.129	0.00000332	0.000447	0.000461	0.00131	0.000439
2090 Mar	0.000227	0.000953	0.0838	0.00000746	2.7	3.63	0.0405	0.000932	12.8	0.00181	0.036	0.000239	0.000274	0.000144	0.129	0.00000332	0.000447	0.000461	0.00131	0.000439
2090 Apr	0.000227	0.000954	0.0838	0.00000746	2.7	3.63	0.0405	0.000932	12.8	0.00181	0.036	0.000239	0.000274	0.000144	0.129	0.00000332	0.000447	0.000461	0.00131	0.000439
2090 May	0.000228	0.000955	0.084	0.00000747	2.71	3.63	0.0406	0.000933	12.8	0.00181	0.036	0.00024	0.000275	0.000144	0.129	0.00000333	0.000448	0.000462	0.00131	0.00044
2090 Jun	0.000235	0.00096	0.0874	0.00000758	2.68	3.58	0.0416	0.000932	12.4	0.00178	0.0353	0.000251	0.000271	0.000143	0.131	0.0000034	0.000427	0.000476	0.00134	0.000422
2090 Jul	0.000236	0.000962	0.0877	0.0000076	2.69	3.59	0.0417	0.000937	12.4	0.00179	0.0353	0.000252	0.000272	0.000143	0.131	0.00000342	0.000428	0.000478	0.00134	0.000424
2090 Aug	0.000235	0.000963	0.0875	0.00000761	2.7	3.61	0.0417	0.000942	12.5	0.00179	0.0352	0.000251	0.000273	0.000144	0.131	0.00000342	0.000432	0.000477	0.00134	0.000428
2090 Sep	0.000232	0.000954	0.0862	0.00000756	2.68	3.57	0.041	0.000945	12.3	0.00178	0.0349	0.000245	0.000271	0.000143	0.13	0.00000343	0.000429	0.000469	0.00133	0.000427
2090 Oct	0.000225	0.000937	0.0839	0.00000744	2.65	3.48	0.0398	0.000947	12.1	0.00174	0.0344	0.000235	0.000266	0.000141	0.129	0.00000344	0.000422	0.000453	0.00131	0.000422
2090 Nov	0.000222	0.000931	0.083	0.00000739	2.64	3.45	0.0394	0.000949	12	0.00173	0.0343	0.000231	0.000264	0.00014	0.128	0.00000345	0.00042	0.000447	0.0013	0.000422
2090 Dec	0.000222	0.000931	0.083	0.00000739	2.64	3.46	0.0394	0.000949	12	0.00173	0.0343	0.000231	0.000264	0.00014	0.128	0.00000345	0.00042	0.000447	0.0013	0.000422
2091 Jan	0.000222	0.000931	0.083	0.00000739	2.64	3.46	0.0394	0.000949	12	0.00173	0.0343	0.000231	0.000264	0.00014	0.128	0.00000345	0.00042	0.000447	0.0013	0.000422
2091 Feb	0.000222	0.000931	0.083	0.00000739	2.64	3.46	0.0394	0.000949	12	0.00173	0.0343	0.000231	0.000264	0.00014	0.128	0.00000345	0.00042	0.000447	0.0013	0.000422
2091 Mar	0.000222	0.000931	0.083	0.00000739	2.64	3.46	0.0394	0.000949	12	0.00173	0.0343	0.000232	0.000264	0.00014	0.128	0.00000345	0.00042	0.000447	0.0013	0.000422
2091 Apr	0.000222	0.000932	0.0831	0.00000739	2.64	3.46	0.0394	0.00095	12	0.00173	0.0343	0.000232	0.000265	0.000141	0.128	0.00000345	0.000421	0.000448	0.0013	0.000422
2091 May	0.000223	0.000933	0.0832	0.0000074	2.64	3.46	0.0395	0.000951	12	0.00173	0.0343	0.000232	0.000265	0.000141	0.128	0.00000345	0.000421	0.000448	0.0013	0.000422
2091 Jun	0.000221	0.000916	0.0819	0.00000722	2.62	3.41	0.0392	0.000954	11.7	0.0017	0.0336	0.000231	0.00026	0.000139	0.127	0.00000345	0.000415	0.000441	0.00127	0.00042
2091 Jul	0.000222	0.00092	0.0821	0.00000725	2.64	3.43	0.0394	0.000961	11.8	0.00171	0.0337	0.000231	0.000262	0.00014	0.128	0.00000347	0.000419	0.000443	0.00127	0.000424
2091 Aug	0.000222	0.000924	0.0821	0.00000728	2.65	3.46	0.0395	0.000966	11.9	0.00172	0.0337	0.000231	0.000264	0.000141	0.128	0.00000347	0.000425	0.000444	0.00127	0.00043
2091 Sep	0.000222	0.000926	0.082	0.00000729	2.66	3.49	0.0395	0.00097	12	0.00173	0.0336	0.000231	0.000265	0.000142	0.128	0.00000347	0.000429	0.000444	0.00127	0.000434
2091 Oct	0.00022	0.000921	0.0813	0.00000726	2.66	3.46	0.0392	0.000974	11.9	0.00172	0.0334	0.000228	0.000264	0.000142	0.128	0.00000348	0.000428	0.000439	0.00126	0.000434
2091 Nov	0.000217	0.000915	0.0804	0.00000721	2.65	3.43	0.0388	0.000976	11.8	0.00171	0.0332	0.000224	0.000262	0.000141	0.128	0.00000348	0.000426	0.000433	0.00125	0.000432
2091 Dec	0.000217	0.000915	0.0804	0.00000721	2.65	3.43	0.0388	0.000976	11.8	0.00171	0.0332	0.000224	0.000262	0.000141	0.128	0.00000348	0.000425	0.000433	0.00125	0.000432
2092 Jan	0.000217	0.000915	0.0804	0.00000721	2.65	3.43	0.0388	0.000976	11.8	0.00171	0.0332	0.000224	0.000262	0.000141	0.128	0.00000348	0.000425	0.000433	0.00125	0.000432
2092 Feb	0.000217	0.000915	0.0804	0.00000721	2.65	3.43	0.0388	0.000976	11.8	0.00171	0.0332	0.000224	0.000262	0.000141	0.128	0.00000348	0.000426	0.000433	0.00125	0.000432
2092 Mar	0.000217	0.000915	0.0804	0.00000721	2.65	3.43	0.0388	0.000976	11.8	0.00171	0.0332	0.000224	0.000262	0.000141	0.128	0.00000348	0.000426	0.000433	0.00125	0.000433
2092 Apr	0.000218	0.000915	0.0805	0.00000721	2.65	3.44	0.0388	0.000977	11.9	0.00171	0.0333	0.000224	0.000262	0.000141	0.128	0.00000349	0.000426	0.000433	0.00125	0.000433
2092 May	0.000218	0.000916	0.0806	0.00000721	2.65	3.44	0.0389	0.000978	11.8	0.00171	0.0332	0.000225	0.000262	0.000141	0.128	0.00000349	0.000426	0.000434	0.00125	0.000433
2092 Jun	0.000216	0.000886	0.0785	0.00000691	2.62	3.36	0.0387	0.000983	11.4	0.00166	0.032	0.000225	0.000257	0.00014	0.127	0.0000035	0.000418	0.000426	0.00121	0.000431
2092 Jul	0.000214	0.00088	0.0775	0.00000685	2.62	3.36	0.0385	0.000989	11.4	0.00166	0.0317	0.000223	0.000257	0.00014	0.126	0.0000035	0.000421	0.000423	0.0012	0.000436
2092 Aug	0.000215	0.000885	0.0778	0.00000688	2.64	3.38	0.0387	0.000995	11.5	0.00167	0.0318	0.000224	0.000259	0.000141	0.127	0.00000351	0.000425	0.000425	0.0012	0.00044
2092 Sep	0.000215	0.000888	0.0778	0.0000069	2.65	3.41	0.0388	0.000999	11.6	0.00168	0.0318	0.000224	0.00026	0.000142	0.127	0.00000351	0.000429	0.000426	0.0012	0.000444
2092 Oct	0.000215	0.000888	0.0778	0.00000691	2.66	3.42	0.0388	0.001	11.7	0.00169	0.0318	0.000223	0.000261	0.000142	0.127	0.00000351	0.000431	0.000425	0.0012	0.000446
2092 Nov	0.000215	0.000889	0.0778	0.00000691	2.66	3.42	0.0388	0.001	11.7	0.00169	0.0318	0.000223	0.000261	0.000142	0.127	0.00000351	0.000432	0.000426	0.0012	0.000446
2092 Dec	0.000215	0.000889	0.0778	0.00000691	2.66	3.42	0.0388	0.001	11.7	0.00169	0.0318	0.000223	0.000261	0.000142	0.127	0.00000351	0.000432	0.000426	0.0012	0.000446
2093 Jan	0.000215	0.000889	0.0778	0.00000691	2.66	3.42	0.0388	0.001	11.7	0.00169	0.0318	0.000223	0.000261	0.000142	0.127	0.00000351	0.000432	0.000426	0.0012	0.000446
2093 Feb	0.000215	0.000889	0.0778	0.00000691	2.66	3.42	0.0388	0.001	11.7	0.00169	0.0318	0.000223	0.000261	0.000142	0.127	0.00000351	0.000432	0.000426	0.0012	0.000446
2093 Mar	0.000215	0.000889	0.0778	0.00000691	2.66	3.42	0.0388	0.001	11.7	0.00169	0.0318	0.000223	0.000261	0.000142	0.127	0.00000351	0.000432	0.000426	0.0012	0.000447
2093 Apr	0.000215	0.00089	0.0779	0.00000692	2.66	3.42	0.0389	0.001	11.7	0.00169	0.0318	0.000224	0.000261	0.000142	0.127	0.00000351	0.000432	0.000426	0.0012	0.000447
2093 May	0.000216	0.000891	0.0781	0.00000693	2.66	3.43	0.039	0.001	11.7	0.00169	0.0319	0.000224	0.000262	0.000142	0.127	0.00000352	0.000433	0.000427	0.00121	0.000448
2093 Jun	0.000217	0.000884	0.0782	0.00000688	2.67	3.42	0.0394	0.00101	11.6	0.00168	0.0313	0.000228	0.000262	0.000143	0.128	0.00000355	0.000431	0.000431	0.0012	0.000449
2093 Jul	0.000218	0.000888	0.0784	0.0000069	2.68	3.44	0.0396	0.00102	11.6	0.00169	0.0314	0.000229	0.000264	0.000143	0.128	0.00000356	0.000435	0.000433	0.00121	0.000453
2093 Aug	0.000219	0.000892	0.0787	0.00000694	2.7	3.47	0.0398	0.00102	11.7	0.00171	0.0315	0.00023	0.000266	0.000144	0.129	0.00000357	0.000439	0.000435	0.00121	0.000457
2093 Sep	0.000219	0.000895	0.0787	0.00000696	2.71	3.49	0.0398	0.00103	11.8	0.00172	0.0315	0.000229	0.000267	0.000145	0.129	0.00000357	0.000444	0.000435	0.00121	0.000461
2093 Oct	0.000218	0.000894	0.0783	0.00000695	2.71	3.49	0.0397	0.00103	11.8	0.00172	0.0313	0.000227	0.000267	0.000145	0.129	0.00000357	0.000445	0.000433	0.00121	0.000463
2093 Nov	0.000217	0.000891	0.078	0.00000694	2.71	3.48	0.0395	0.00103	11.8	0.00171	0.0312	0.000226	0.000266	0.000145	0.129	0.00000358	0.000443	0.000431	0.00121	0.000462
2093 Dec	0.000217	0.000891	0.0781	0.00000694	2.71	3.48	0.0395	0.00103	11.8	0.00171	0.0312	0.000226	0.000266	0.000145	0.129	0.00000358	0.000443	0.000431	0.00121	0.000462
2094 Jan	0.000217	0.000891	0.0781	0.00000694	2.71	3.48	0.0395	0.00103	11.8	0.00171	0.0312	0.000226	0.000266	0.000145	0.129	0.00000358	0.000443	0.000431	0.00121	0.000462
2094 Feb	0.000217	0.000892	0.0781	0.00000694	2.71	3.48	0.0395	0.00103	11.8	0.00171	0.0312	0.000226	0.000266	0.000145	0.129	0.00000358	0.000443	0.000431	0.00121	0.000462
2094 Mar	0.000217	0.000892	0.0781	0.00000695	2.71	3.48	0.0395	0.00103	11.8	0.00171	0.0312	0.000226	0.000266	0.000145	0.129	0.00000358	0.000443	0.000431	0.00121	0.000462
2094 Apr	0.000217	0.000892	0.0781	0.00000695	2.71	3.48	0.0395	0.00103	11.8	0.00171	0.0312	0.000226	0.000267	0.000145	0.129	0.00000358	0.000444	0.000431	0.00121	0.000463
2094 May	0.000218	0.000892	0.0783	0.00000695	2.71	3.48	0.0396	0.00103	11.7	0.00171	0.0311	0.000227	0.000266	0.000145	0.129	0.0000036	0.000442	0.000432	0.00121	0.000462
2094 Jun	0.000219	0.00089	0.0788	0.00000693	2.71	3.47	0.0399	0.00104	11.6	0.0017	0.0308	0.00023	0.000266	0.000145	0.13	0.00000363	0.000439	0.000435	0.00121	0.000462
2094 Jul	0.000221	0.000897	0.0793	0.00000698	2.73	3.5	0.0402	0.00105	11.7	0.00172	0.031	0.000231	0.000268	0.000146	0.13	0.00000365	0.000444	0.000438	0.00121	0.000466
2094 Aug	0.000222	0.000902	0.0797	0.00000703	2.75	3.53	0.0404	0.00105	11.8	0.00173	0.0312	0.000232	0.00027	0.000147	0.131	0.00000367	0.000448	0.00044	0.00122	0.00047
2094 Sep	0.000222	0.000905	0.0797	0.00000705	2.76	3.55	0.0405	0.00106	11.9	0.00174	0.0311	0.000232	0.000271	0.000148	0.131	0.00000367	0.000452	0.000441	0.00122	0.000474
2094 Oct	0.000222	0.000906	0.0795	0.00000705	2.77	3.57	0.0405	0.00106	12	0.00175	0.0311	0.000232	0.000272	0.000148	0.131	0.00000366	0.000455	0.00044	0.00122	0.000477
2094 Nov	0.000221	0.000906	0.0794	0.00000705	2.77	3.58	0.0404	0.00106	12	0.00175	0.031	0.000231	0.000272	0.000148	0.131	0.00000365	0.000457	0.000439	0.00122	0.000479
2094 Dec	0.000221	0.000906	0.0793	0.00000705	2.77	3.58	0.0404	0.00106	12	0.00175	0.031	0.000231	0.000272	0.000148	0.131	0.00000365	0.000457	0.000439	0.00122	0.000479
2095 Jan	0.000221	0.000906	0.0793	0.00000705	2.77	3.58	0.0404	0.00106	12	0.00175	0.031	0.000231	0.000272	0.000148	0.131	0.00000365	0.000457	0.000439	0.00122	0.000479
2095 Feb	0.000221	0.000906	0.0794	0.00000705	2.77	3.58	0.0404	0.00106	12	0.00175	0.031	0.000231	0.000272	0.000148	0.131	0.00000365	0.000457	0.000439	0.00122	0.000479
2095 Mar	0.000221	0.000906	0.0794	0.00000705	2.77	3.58	0.0404	0.00106	12	0.00175	0.031	0.000231	0.000272	0.000148	0.131	0.00000365	0.000457	0.000439	0.00122	0.000479

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.000221	0.000906	0.0794	0.00000706	2.77	3.58	0.0405	0.00106	12	0.00175	0.031	0.000231	0.000272	0.000148	0.131	0.00000365	0.000458	0.00044	0.00122	0.000479
2095 May	0.000223	0.00091	0.0801	0.00000709	2.78	3.59	0.0408	0.00106	12	0.00176	0.031	0.000234	0.000273	0.000149	0.132	0.00000366	0.000457	0.000443	0.00122	0.000479
2095 Jun	0.000227	0.000919	0.0818	0.00000717	2.79	3.61	0.0414	0.00107	12	0.00176	0.0309	0.000239	0.000273	0.000149	0.133	0.0000037	0.000456	0.000451	0.00124	0.000479
2095 Jul	0.000229	0.000925	0.0823	0.00000722	2.81	3.64	0.0417	0.00108	12.1	0.00178	0.0311	0.000241	0.000276	0.000151	0.134	0.00000372	0.000461	0.000454	0.00124	0.000483
2095 Aug	0.000229	0.000929	0.0822	0.00000724	2.83	3.68	0.0418	0.00108	12.2	0.00179	0.031	0.00024	0.000278	0.000152	0.134	0.00000372	0.000467	0.000454	0.00125	0.00049
2095 Sep	0.000229	0.000932	0.0822	0.00000726	2.84	3.7	0.0419	0.00109	12.3	0.0018	0.031	0.00024	0.000279	0.000152	0.134	0.00000372	0.000471	0.000455	0.00125	0.000493
2095 Oct	0.000229	0.000933	0.0822	0.00000727	2.85	3.71	0.0419	0.00109	12.3	0.00181	0.031	0.00024	0.000279	0.000152	0.135	0.00000372	0.000473	0.000455	0.00125	0.000495
2095 Nov	0.000229	0.000933	0.0821	0.00000727	2.85	3.72	0.0419	0.00109	12.4	0.00181	0.031	0.00024	0.00028	0.000152	0.134	0.00000371	0.000474	0.000454	0.00125	0.000496
2095 Dec	0.000229	0.000933	0.0821	0.00000727	2.85	3.72	0.0419	0.00109	12.4	0.00181	0.031	0.00024	0.00028	0.000153	0.134	0.00000371	0.000474	0.000454	0.00125	0.000496
2096 Jan	0.000229	0.000933	0.0821	0.00000727	2.85	3.72	0.0419	0.00109	12.4	0.00181	0.031	0.00024	0.00028	0.000153	0.134	0.00000371	0.000474	0.000454	0.00125	0.000496
2096 Feb	0.000229	0.000933	0.0821	0.00000727	2.85	3.72	0.0419	0.00109	12.4	0.00181	0.031	0.00024	0.00028	0.000153	0.134	0.00000371	0.000474	0.000454	0.00125	0.000496
2096 Mar	0.000229	0.000933	0.0821	0.00000728	2.85	3.72	0.0419	0.00109	12.4	0.00181	0.031	0.00024	0.00028	0.000153	0.134	0.00000371	0.000474	0.000454	0.00125	0.000496
2096 Apr	0.000229	0.000933	0.0822	0.00000728	2.85	3.72	0.0419	0.00109	12.4	0.00181	0.031	0.00024	0.00028	0.000153	0.135	0.00000371	0.000474	0.000455	0.00125	0.000497
2096 May	0.00023	0.000937	0.0827	0.00000731	2.85	3.73	0.0421	0.00109	12.4	0.00181	0.031	0.000242	0.00028	0.000153	0.135	0.00000373	0.000474	0.000457	0.00125	0.000496
2096 Jun	0.000238	0.000942	0.0863	0.00000743	2.83	3.68	0.0432	0.00109	11.9	0.00179	0.0304	0.000254	0.000277	0.000152	0.137	0.00000382	0.000454	0.000471	0.00128	0.000481
2096 Jul	0.000238	0.000943	0.0865	0.00000745	2.84	3.68	0.0433	0.0011	11.9	0.00179	0.0303	0.000254	0.000278	0.000152	0.137	0.00000385	0.000454	0.000472	0.00128	0.000483
2096 Aug	0.000239	0.000948	0.0869	0.00000749	2.86	3.71	0.0435	0.00111	12	0.0018	0.0305	0.000255	0.000279	0.000153	0.138	0.00000386	0.000458	0.000475	0.00129	0.000487
2096 Sep	0.000239	0.000951	0.0868	0.00000751	2.87	3.73	0.0435	0.00111	12.1	0.00181	0.0304	0.000255	0.000281	0.000154	0.138	0.00000386	0.000463	0.000475	0.00129	0.000491
2096 Oct	0.000239	0.000951	0.0865	0.00000751	2.87	3.75	0.0435	0.00111	12.1	0.00182	0.0303	0.000254	0.000281	0.000154	0.138	0.00000385	0.000466	0.000474	0.00128	0.000494
2096 Nov	0.000238	0.000951	0.0865	0.00000751	2.87	3.74	0.0434	0.00111	12.1	0.00181	0.0303	0.000253	0.000281	0.000154	0.138	0.00000385	0.000465	0.000473	0.00128	0.000494
2096 Dec	0.000238	0.000951	0.0865	0.00000751	2.87	3.74	0.0434	0.00111	12.1	0.00181	0.0303	0.000253	0.000281	0.000154	0.138	0.00000385	0.000465	0.000473	0.00128	0.000494
2097 Jan	0.000238	0.000951	0.0865	0.00000751	2.87	3.74	0.0434	0.00111	12.1	0.00181	0.0303	0.000253	0.000281	0.000154	0.138	0.00000385	0.000465	0.000473	0.00128	0.000494
2097 Feb	0.000238	0.000951	0.0865	0.00000751	2.87	3.74	0.0434	0.00111	12.1	0.00181	0.0303	0.000253	0.000281	0.000154	0.138	0.00000385	0.000465	0.000473	0.00128	0.000494
2097 Mar	0.000238	0.000951	0.0865	0.00000751	2.87	3.74	0.0434	0.00111	12.1	0.00181	0.0303	0.000253	0.000281	0.000154	0.138	0.00000385	0.000465	0.000473	0.00128	0.000494
2097 Apr	0.000239	0.000951	0.0865	0.00000752	2.87	3.75	0.0434	0.00111	12.1	0.00182	0.0303	0.000253	0.000281	0.000154	0.138	0.00000385	0.000466	0.000474	0.00129	0.000494
2097 May	0.000239	0.000953	0.0868	0.00000753	2.88	3.75	0.0436	0.00112	12.2	0.00182	0.0304	0.000254	0.000282	0.000155	0.138	0.00000386	0.000467	0.000475	0.00129	0.000495
2097 Jun	0.00024	0.000953	0.0875	0.00000756	2.87	3.73	0.0437	0.00112	12	0.00181	0.0301	0.000256	0.000281	0.000154	0.139	0.00000389	0.000461	0.000477	0.00129	0.000491
2097 Jul	0.000242	0.000959	0.0879	0.00000761	2.89	3.76	0.0439	0.00113	12.1	0.00182	0.0302	0.000257	0.000283	0.000155	0.139	0.00000391	0.000465	0.00048	0.0013	0.000495
2097 Aug	0.000242	0.000964	0.0882	0.00000765	2.91	3.79	0.0441	0.00113	12.2	0.00183	0.0303	0.000257	0.000284	0.000156	0.14	0.00000392	0.000469	0.000482	0.00131	0.000499
2097 Sep	0.000243	0.000966	0.0883	0.00000767	2.92	3.81	0.0442	0.00114	12.3	0.00184	0.0304	0.000258	0.000286	0.000157	0.14	0.00000393	0.000472	0.000483	0.00131	0.000503
2097 Oct	0.000243	0.000967	0.0882	0.00000768	2.92	3.82	0.0442	0.00114	12.3	0.00185	0.0303	0.000258	0.000286	0.000157	0.14	0.00000392	0.000474	0.000483	0.00131	0.000505
2097 Nov	0.000243	0.000968	0.0882	0.00000768	2.92	3.82	0.0442	0.00114	12.3	0.00185	0.0303	0.000257	0.000286	0.000157	0.14	0.00000392	0.000475	0.000482	0.00131	0.000505
2097 Dec	0.000243	0.000968	0.0882	0.00000768	2.92	3.82	0.0442	0.00114	12.3	0.00185	0.0303	0.000257	0.000286	0.000157	0.14	0.00000392	0.000475	0.000482	0.00131	0.000505
2098 Jan	0.000243	0.000968	0.0882	0.00000768	2.92	3.82	0.0442	0.00114	12.3	0.00185	0.0303	0.000257	0.000286	0.000157	0.14	0.00000392	0.000475	0.000483	0.00131	0.000505
2098 Feb	0.000243	0.000968	0.0882	0.00000768	2.92	3.82	0.0442	0.00114	12.3	0.00185	0.0303	0.000257	0.000286	0.000157	0.14	0.00000392	0.000475	0.000483	0.00131	0.000505
2098 Mar	0.000243	0.000968	0.0882	0.00000768	2.92	3.82	0.0442	0.00114	12.3	0.00185	0.0303	0.000257	0.000286	0.000157	0.14	0.00000392	0.000475	0.000483	0.00131	0.000505
2098 Apr	0.000243	0.000968	0.0882	0.00000768	2.93	3.82	0.0442	0.00114	12.3	0.00185	0.0303	0.000257	0.000286	0.000157	0.14	0.00000392	0.000475	0.000483	0.00131	0.000506
2098 May	0.000245	0.000972	0.0891	0.00000771	2.93	3.84	0.0446	0.00114	12.3	0.00185	0.0303	0.000261	0.000287	0.000157	0.141	0.00000393	0.000475	0.000487	0.00131	0.000505
2098 Jun	0.000254	0.000971	0.0924	0.00000773	2.9	3.81	0.0461	0.00113	11.9	0.00183	0.0295	0.000276	0.000284	0.000156	0.142	0.00000396	0.000457	0.000505	0.00132	0.000491
2098 Jul	0.000256	0.000975	0.0929	0.00000776	2.92	3.82	0.0464	0.00114	12	0.00184	0.0296	0.000278	0.000285	0.000157	0.143	0.00000398	0.000459	0.000508	0.00133	0.000494
2098 Aug	0.000256	0.00098	0.093	0.0000078	2.93	3.86	0.0465	0.00114	12.1	0.00185	0.0296	0.000278	0.000287	0.000158	0.143	0.00000399	0.000465	0.000509	0.00133	0.000499
2098 Sep	0.000255	0.00098	0.0926	0.0000078	2.94	3.88	0.0464	0.00115	12.2	0.00186	0.0295	0.000277	0.000288	0.000159	0.143	0.00000398	0.000469	0.000508	0.00133	0.000504
2098 Oct	0.000252	0.000971	0.0916	0.00000775	2.92	3.83	0.0458	0.00115	12	0.00184	0.0292	0.000271	0.000285	0.000157	0.142	0.00000399	0.000463	0.0005	0.00132	0.0005
2098 Nov	0.00025	0.000966	0.091	0.00000772	2.91	3.8	0.0454	0.00115	11.9	0.00182	0.0291	0.000269	0.000283	0.000157	0.142	0.000004	0.000461	0.000496	0.00131	0.000498
2098 Dec	0.00025	0.000967	0.091	0.00000772	2.91	3.8	0.0454	0.00115	11.9	0.00182	0.0291	0.000269	0.000283	0.000157	0.142	0.000004	0.000461	0.000496	0.00131	0.000498
2099 Jan	0.00025	0.000967	0.091	0.00000772	2.91	3.8	0.0454	0.00115	11.9	0.00182	0.0291	0.000269	0.000283	0.000157	0.142	0.000004	0.000461	0.000496	0.00131	0.000498
2099 Feb	0.00025	0.000967	0.091	0.00000772	2.91	3.8	0.0454	0.00115	11.9	0.00182	0.0291	0.000269	0.000283	0.000157	0.142	0.000004	0.000461	0.000496	0.00131	0.000498
2099 Mar	0.00025	0.000967	0.0911	0.00000772	2.91	3.8	0.0455	0.00115	11.9	0.00182	0.0291	0.000269	0.000284	0.000157	0.142	0.000004	0.000461	0.000496	0.00131	0.000498
2099 Apr	0.00025	0.000968	0.0911	0.00000772	2.91	3.8	0.0455	0.00115	11.9	0.00183	0.0291	0.000269	0.000284	0.000157	0.142	0.000004	0.000461	0.000497	0.00132	0.000499
2099 May	0.000252	0.000961	0.0913	0.00000763	2.9	3.78	0.0458	0.00115	11.7	0.00181	0.0287	0.000269	0.000281	0.000156	0.142	0.00000401	0.000455	0.000497	0.0013	0.000495
2099 Jun	0.000252	0.00095	0.0907	0.00000751	2.88	3.75	0.0459	0.00115	11.6	0.00179	0.0282	0.000268	0.000278	0.000155	0.142	0.00000401	0.000452	0.000495	0.00128	0.000495
2099 Jul	0.000253	0.000955	0.0911	0.00000755	2.9	3.78	0.0461	0.00116	11.7	0.0018	0.0284	0.000269	0.00028	0.000156	0.142	0.00000403	0.000456	0.000497	0.00128	0.0005
2099 Aug	0.000254	0.000961	0.0914	0.00000759	2.93	3.81	0.0464	0.00117	11.8	0.00182	0.0285	0.00027	0.000283	0.000157	0.143	0.00000404	0.000461	0.0005	0.00129	0.000505
2099 Sep	0.000254	0.000963	0.0913	0.00000761	2.94	3.84	0.0464	0.00117	11.9	0.00183	0.0284	0.000269	0.000284	0.000158	0.143	0.00000404	0.000466	0.0005	0.00129	0.000509
2099 Oct	0.000254	0.000963	0.0911	0.00000761	2.94	3.85	0.0463	0.00117	11.9	0.00183	0.0283	0.000268	0.000284	0.000158	0.143	0.00000403	0.000468	0.000499	0.00129	0.000511
2099 Nov	0.000253	0.000962	0.0909	0.0000076	2.94	3.84	0.0462	0.00117	11.9	0.00183	0.0283	0.000267	0.000283	0.000158	0.143	0.00000403	0.000467	0.000497	0.00129	0.000511
2099 Dec	0.000253	0.000962	0.0909	0.0000076	2.94	3.84	0.0462	0.00117	11.9	0.00183	0.0283	0.000267	0.000283	0.000158	0.143	0.00000403	0.000468	0.000497	0.00129	0.000511
2100 Jan	0.000253	0.000962	0.0909	0.0000076	2.94	3.84	0.0462	0.00117	11.9	0.00183	0.0283	0.000267	0.000283	0.000158	0.143	0.00000403	0.000468	0.000497	0.00129	0.000511
2100 Feb	0.000253	0.000962	0.0909	0.0000076	2.94	3.84	0.0462	0.00117	11.9	0.00183	0.0283	0.000267	0.000283	0.000158	0.143	0.00000403	0.000468	0.000497	0.00129	0.000511
2100 Mar	0.000253	0.000962	0.0909	0.0000076	2.94	3.84	0.0462	0.00117	11.9	0.00183	0.0283	0.000267	0.000283	0.000158	0.143	0.00000403	0.000468	0.000497	0.00129	0.000511
2100 Apr	0.000253	0.000962	0.091	0.0000076	2.94	3.84	0.0463	0.00117	11.9	0.00183	0.0283	0.000267	0.000284	0.000158	0.143	0.00000403	0.000468	0.000497	0.00129	0.000512
2100 May	0.000254	0.000963	0.0914	0.00000761	2.94	3.84	0.0465	0.00117	11.9	0.00183	0.0282	0.000269	0.000283	0.000158	0.143	0.00000404	0.000466	0.000499	0.00129	0.000511
2100 Jun	0.000255	0.000944	0.0908	0.00000742	2.91	3.77	0.0466	0.00118	11.5	0.00179	0.0274	0.000272	0.000279	0.000157	0.143	0.00000406	0.000455	0.000498	0.00126	0.000506
2100 Jul	0.000254	0.000944	0.0905	0.00000741	2.92	3.78	0.0466	0.00118	11.6	0.00179	0.0273	0.000271	0.00028	0.000157	0.143	0.00000407	0.000459	0.000497	0.00126	0.00051
2100 Aug	0.000254	0.000945	0.0902	0.00000743	2.93	3.81	0.0466	0.00119	11.6	0.0018	0.0273	0.00027	0.000281	0.000158	0.143	0.00000407	0.000464	0.000496	0.00126	0.000516
2100 Sep	0.000252	0.000943	0.0897	0.00000742	2.93	3.81	0.0464	0.00119	11.7	0.0018	0.0272	0.000268	0.000282	0.000158	0.143	0.00000408	0.000466	0.000494	0.00126	0.000519
2100 Oct	0.000252	0.000943	0.0896	0.00000742	2.94	3.81	0.0464	0.00119	11.7	0.00181	0.0272	0.000267	0.000282	0.000158	0.143	0.00000408	0.000467	0.000493	0.00125	0.00052

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2100 Nov	0.000252	0.000943	0.0895	0.00000741	2.94	3.81	0.0464	0.00119	11.7	0.00181	0.0272	0.000267	0.000282	0.000158	0.143	0.00000408	0.000468	0.000493	0.00125	0.00052
2100 Dec	0.000252	0.000943	0.0895	0.00000742	2.94	3.81	0.0464	0.00119	11.7	0.00181	0.0272	0.000267	0.000282	0.000158	0.143	0.00000408	0.000468	0.000493	0.00125	0.00052
2101 Jan	0.000252	0.000943	0.0895	0.00000742	2.94	3.81	0.0464	0.00119	11.7	0.00181	0.0272	0.000267	0.000282	0.000158	0.143	0.00000408	0.000468	0.000493	0.00125	0.00052
2101 Feb	0.000252	0.000943	0.0895	0.00000742	2.94	3.81	0.0464	0.00119	11.7	0.00181	0.0272	0.000267	0.000282	0.000158	0.143	0.00000408	0.000468	0.000493	0.00125	0.00052
2101 Mar	0.000252	0.000943	0.0895	0.00000742	2.94	3.81	0.0464	0.00119	11.7	0.00181	0.0272	0.000267	0.000282	0.000158	0.143	0.00000408	0.000468	0.000493	0.00125	0.00052
2101 Apr	0.000252	0.000943	0.0895	0.00000742	2.94	3.81	0.0464	0.00119	11.7	0.00181	0.0272	0.000267	0.000282	0.000158	0.143	0.00000409	0.000468	0.000493	0.00125	0.000521
2101 May	0.000252	0.000941	0.0895	0.0000074	2.94	3.8	0.0464	0.0012	11.6	0.0018	0.0271	0.000268	0.000282	0.000158	0.143	0.0000041	0.000466	0.000493	0.00125	0.00052
2101 Jun	0.000249	0.000925	0.0882	0.00000728	2.92	3.75	0.046	0.0012	11.4	0.00177	0.0266	0.000266	0.000279	0.000157	0.142	0.00000411	0.000461	0.000487	0.00124	0.000519
2101 Jul	0.00025	0.000929	0.0885	0.00000731	2.93	3.77	0.0463	0.0012	11.5	0.00178	0.0267	0.000267	0.000281	0.000158	0.142	0.00000413	0.000464	0.000489	0.00124	0.000523
2101 Aug	0.000251	0.000934	0.0889	0.00000735	2.95	3.8	0.0465	0.00121	11.6	0.0018	0.0268	0.000268	0.000283	0.000159	0.143	0.00000415	0.000468	0.000492	0.00125	0.000528
2101 Sep	0.000251	0.000937	0.0888	0.00000737	2.96	3.82	0.0465	0.00121	11.7	0.00181	0.0268	0.000268	0.000284	0.00016	0.143	0.00000414	0.000473	0.000492	0.00125	0.000532
2101 Oct	0.000251	0.000938	0.0887	0.00000737	2.97	3.83	0.0466	0.00122	11.7	0.00181	0.0268	0.000268	0.000285	0.00016	0.143	0.00000414	0.000475	0.000492	0.00125	0.000534
2101 Nov	0.000251	0.000938	0.0886	0.00000737	2.97	3.84	0.0465	0.00122	11.7	0.00182	0.0267	0.000267	0.000285	0.00016	0.143	0.00000413	0.000476	0.000491	0.00125	0.000535
2101 Dec	0.000251	0.000938	0.0886	0.00000737	2.97	3.84	0.0465	0.00122	11.7	0.00182	0.0267	0.000267	0.000285	0.00016	0.143	0.00000413	0.000477	0.000491	0.00125	0.000535
2102 Jan	0.000251	0.000938	0.0886	0.00000737	2.97	3.84	0.0465	0.00122	11.7	0.00182	0.0267	0.000267	0.000285	0.00016	0.143	0.00000413	0.000477	0.000491	0.00125	0.000535
2102 Feb	0.000251	0.000938	0.0886	0.00000737	2.97	3.84	0.0465	0.00122	11.7	0.00182	0.0267	0.000267	0.000285	0.00016	0.143	0.00000413	0.000477	0.000491	0.00125	0.000535
2102 Mar	0.000251	0.000938	0.0886	0.00000737	2.97	3.84	0.0465	0.00122	11.7	0.00182	0.0267	0.000267	0.000285	0.00016	0.143	0.00000413	0.000477	0.000491	0.00125	0.000535
2102 Apr	0.000251	0.000938	0.0886	0.00000738	2.97	3.84	0.0465	0.00122	11.7	0.00182	0.0267	0.000267	0.000285	0.00016	0.143	0.00000413	0.000477	0.000491	0.00125	0.000535
2102 May	0.000251	0.000939	0.0887	0.00000739	2.97	3.85	0.0466	0.00122	11.7	0.00182	0.0267	0.000268	0.000286	0.000161	0.143	0.00000414	0.000477	0.000492	0.00125	0.000536
2102 Jun	0.000243	0.000922	0.0866	0.00000737	2.94	3.76	0.0451	0.00122	11.5	0.00179	0.0263	0.000256	0.000284	0.000159	0.141	0.00000416	0.00047	0.000481	0.00125	0.000532
2102 Jul	0.000236	0.000909	0.0847	0.00000735	2.92	3.69	0.044	0.00122	11.3	0.00177	0.026	0.000247	0.000284	0.000157	0.139	0.00000419	0.000467	0.000472	0.00126	0.000532
2102 Aug	0.000236	0.000914	0.0849	0.00000739	2.93	3.72	0.0442	0.00123	11.4	0.00178	0.026	0.000248	0.000286	0.000158	0.14	0.0000042	0.000472	0.000473	0.00126	0.000537
2102 Sep	0.000237	0.000917	0.085	0.00000741	2.95	3.74	0.0442	0.00123	11.4	0.00179	0.026	0.000248	0.000287	0.000159	0.14	0.0000042	0.000475	0.000474	0.00126	0.00054
2102 Oct	0.000236	0.000916	0.0846	0.00000741	2.95	3.75	0.0441	0.00123	11.5	0.0018	0.026	0.000246	0.000287	0.000159	0.14	0.00000419	0.000478	0.000472	0.00126	0.000543
2102 Nov	0.000236	0.000917	0.0847	0.00000741	2.95	3.76	0.0441	0.00123	11.5	0.0018	0.026	0.000246	0.000287	0.000159	0.14	0.00000419	0.000478	0.000472	0.00126	0.000543
2102 Dec	0.000236	0.000917	0.0847	0.00000741	2.95	3.76	0.0441	0.00123	11.5	0.0018	0.026	0.000246	0.000288	0.000159	0.14	0.00000419	0.000478	0.000472	0.00126	0.000543
2103 Jan	0.000236	0.000917	0.0847	0.00000741	2.95	3.76	0.0441	0.00123	11.5	0.0018	0.026	0.000246	0.000288	0.000159	0.14	0.00000419	0.000478	0.000472	0.00126	0.000543
2103 Feb	0.000236	0.000917	0.0847	0.00000741	2.95	3.76	0.0441	0.00123	11.5	0.0018	0.026	0.000246	0.000288	0.000159	0.14	0.00000419	0.000478	0.000472	0.00126	0.000543
2103 Mar	0.000236	0.000917	0.0847	0.00000741	2.95	3.76	0.0441	0.00123	11.5	0.0018	0.026	0.000246	0.000288	0.000159	0.14	0.00000419	0.000478	0.000472	0.00126	0.000543
2103 Apr	0.000236	0.000917	0.0847	0.00000741	2.95	3.76	0.0442	0.00123	11.5	0.0018	0.026	0.000246	0.000288	0.000159	0.14	0.00000419	0.000479	0.000473	0.00126	0.000543
2103 May	0.000236	0.000917	0.0848	0.00000743	2.95	3.75	0.0441	0.00123	11.5	0.00179	0.0259	0.000246	0.000287	0.000159	0.14	0.0000042	0.000477	0.000473	0.00127	0.000542
2103 Jun	0.000231	0.000897	0.0833	0.00000732	2.91	3.65	0.0433	0.00123	11.1	0.00175	0.0253	0.000242	0.000284	0.000157	0.138	0.00000424	0.000465	0.000466	0.00126	0.000537
2103 Jul	0.00023	0.000894	0.0828	0.00000731	2.91	3.65	0.0431	0.00124	11.1	0.00175	0.0252	0.00024	0.000285	0.000157	0.138	0.00000425	0.000468	0.000464	0.00126	0.000541
2103 Aug	0.000229	0.000895	0.0825	0.00000732	2.92	3.67	0.0431	0.00124	11.1	0.00176	0.0251	0.000239	0.000286	0.000158	0.138	0.00000426	0.000472	0.000462	0.00126	0.000546
2103 Sep	0.000226	0.000892	0.0816	0.0000073	2.92	3.66	0.0426	0.00125	11.1	0.00176	0.025	0.000235	0.000286	0.000158	0.137	0.00000427	0.000473	0.000457	0.00125	0.000548
2103 Oct	0.000219	0.000878	0.0795	0.00000721	2.9	3.59	0.0415	0.00125	10.9	0.00173	0.0247	0.000225	0.000282	0.000157	0.136	0.00000428	0.000469	0.000442	0.00123	0.000548
2103 Nov	0.000217	0.000875	0.0788	0.00000719	2.89	3.57	0.0411	0.00126	10.9	0.00172	0.0246	0.000222	0.000281	0.000156	0.135	0.00000429	0.000468	0.000438	0.00123	0.000548
2103 Dec	0.000217	0.000875	0.0788	0.00000719	2.89	3.57	0.0411	0.00126	10.9	0.00172	0.0246	0.000222	0.000281	0.000156	0.135	0.00000429	0.000468	0.000438	0.00123	0.000548
2104 Jan	0.000217	0.000875	0.0788	0.00000719	2.89	3.57	0.0411	0.00126	10.9	0.00172	0.0246	0.000222	0.000281	0.000156	0.135	0.00000429	0.000468	0.000438	0.00123	0.000548
2104 Feb	0.000217	0.000875	0.0788	0.00000719	2.89	3.57	0.0411	0.00126	10.9	0.00172	0.0246	0.000222	0.000281	0.000156	0.135	0.00000429	0.000469	0.000438	0.00123	0.000548
2104 Mar	0.000217	0.000875	0.0788	0.00000719	2.89	3.57	0.0411	0.00126	10.9	0.00172	0.0246	0.000223	0.000281	0.000156	0.135	0.00000429	0.000469	0.000438	0.00123	0.000548
2104 Apr	0.000217	0.000875	0.0789	0.00000719	2.9	3.58	0.0411	0.00126	10.9	0.00172	0.0247	0.000223	0.000282	0.000156	0.135	0.00000429	0.000469	0.000438	0.00123	0.000549
2104 May	0.000218	0.000875	0.079	0.00000718	2.89	3.57	0.0412	0.00126	10.8	0.00172	0.0246	0.000223	0.000281	0.000156	0.135	0.0000043	0.000468	0.000438	0.00122	0.000549
2104 Jun	0.000216	0.000859	0.0777	0.00000701	2.88	3.53	0.0409	0.00127	10.6	0.00169	0.0239	0.000223	0.000277	0.000156	0.135	0.00000431	0.000464	0.000431	0.00119	0.00055
2104 Jul	0.000216	0.000862	0.0777	0.00000703	2.89	3.55	0.0411	0.00127	10.7	0.0017	0.024	0.000223	0.000279	0.000156	0.135	0.00000432	0.000468	0.000432	0.00119	0.000555
2104 Aug	0.000216	0.000866	0.0778	0.00000706	2.91	3.58	0.0412	0.00128	10.8	0.00172	0.024	0.000223	0.000281	0.000157	0.135	0.00000433	0.000473	0.000433	0.0012	0.00056
2104 Sep	0.000216	0.000867	0.0777	0.00000707	2.92	3.6	0.0412	0.00128	10.9	0.00173	0.0239	0.000222	0.000282	0.000158	0.135	0.00000433	0.000477	0.000432	0.0012	0.000564
2104 Oct	0.000214	0.000863	0.077	0.00000704	2.91	3.58	0.0409	0.00129	10.8	0.00172	0.0238	0.00022	0.00028	0.000158	0.135	0.00000434	0.000476	0.000428	0.00119	0.000565
2104 Nov	0.000213	0.000862	0.0768	0.00000703	2.91	3.57	0.0407	0.00129	10.8	0.00171	0.0238	0.000218	0.00028	0.000157	0.135	0.00000434	0.000476	0.000426	0.00119	0.000565
2104 Dec	0.000213	0.000862	0.0768	0.00000703	2.91	3.57	0.0408	0.00129	10.8	0.00171	0.0238	0.000218	0.00028	0.000157	0.135	0.00000434	0.000476	0.000426	0.00119	0.000565
2105 Jan	0.000213	0.000862	0.0768	0.00000703	2.91	3.57	0.0408	0.00129	10.8	0.00171	0.0238	0.000218	0.00028	0.000157	0.135	0.00000434	0.000476	0.000426	0.00119	0.000565
2105 Feb	0.000213	0.000862	0.0768	0.00000703	2.91	3.57	0.0408	0.00129	10.8	0.00171	0.0238	0.000218	0.00028	0.000157	0.135	0.00000434	0.000476	0.000426	0.00119	0.000565
2105 Mar	0.000213	0.000862	0.0768	0.00000703	2.91	3.57	0.0408	0.00129	10.8	0.00171	0.0238	0.000218	0.00028	0.000157	0.135	0.00000434	0.000476	0.000426	0.00119	0.000565
2105 Apr	0.000214	0.000862	0.0768	0.00000704	2.91	3.57	0.0408	0.00129	10.8	0.00171	0.0238	0.000218	0.00028	0.000157	0.135	0.00000434	0.000476	0.000426	0.00119	0.000565
2105 May	0.000214	0.000862	0.077	0.00000703	2.91	3.57	0.0409	0.00129	10.8	0.00171	0.0237	0.00022	0.00028	0.000158	0.135	0.00000436	0.000475	0.000427	0.00119	0.000565
2105 Jun	0.000215	0.000861	0.0773	0.00000701	2.91	3.57	0.0411	0.0013	10.7	0.00171	0.0235	0.000222	0.000279	0.000158	0.135	0.00000438	0.000474	0.000428	0.00118	0.000567

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2105 Jul	0.000216	0.000866	0.0775	0.00000705	2.93	3.6	0.0413	0.00131	10.8	0.00172	0.0236	0.000223	0.000281	0.000159	0.136	0.00000439	0.000479	0.00043	0.00119	0.000572
2105 Aug	0.000216	0.000869	0.0775	0.00000708	2.95	3.63	0.0414	0.00131	10.9	0.00174	0.0235	0.000222	0.000283	0.00016	0.136	0.0000044	0.000484	0.00043	0.00119	0.000578
2105 Sep	0.000214	0.000864	0.0768	0.00000705	2.94	3.61	0.0411	0.00132	10.8	0.00172	0.0233	0.00022	0.00028	0.00016	0.136	0.00000443	0.000482	0.000423	0.00118	0.000579
2105 Oct	0.000211	0.000858	0.0757	0.00000699	2.94	3.58	0.0405	0.00133	10.7	0.00171	0.0231	0.000215	0.000278	0.000159	0.135	0.00000445	0.00048	0.000415	0.00116	0.00058
2105 Nov	0.00021	0.000855	0.0752	0.00000697	2.93	3.56	0.0403	0.00133	10.7	0.0017	0.023	0.000213	0.000277	0.000159	0.135	0.00000445	0.000479	0.000411	0.00116	0.00058
2105 Dec	0.00021	0.000855	0.0752	0.00000697	2.93	3.56	0.0403	0.00133	10.7	0.0017	0.023	0.000213	0.000277	0.000159	0.135	0.00000445	0.000479	0.000411	0.00116	0.00058
2106 Jan	0.00021	0.000855	0.0752	0.00000697	2.93	3.56	0.0403	0.00133	10.7	0.0017	0.023	0.000213	0.000277	0.000159	0.135	0.00000445	0.000479	0.000411	0.00116	0.00058
2106 Feb	0.00021	0.000855	0.0752	0.00000697	2.93	3.56	0.0403	0.00133	10.7	0.0017	0.023	0.000213	0.000277	0.000159	0.135	0.00000445	0.000479	0.000411	0.00116	0.00058
2106 Mar	0.00021	0.000855	0.0752	0.00000697	2.93	3.56	0.0403	0.00133	10.7	0.0017	0.023	0.000213	0.000277	0.000159	0.135	0.00000445	0.000479	0.000411	0.00116	0.00058
2106 Apr	0.00021	0.000855	0.0753	0.00000697	2.93	3.56	0.0403	0.00133	10.7	0.0017	0.0231	0.000213	0.000277	0.000159	0.135	0.00000446	0.000479	0.000412	0.00116	0.00058
2106 May	0.00021	0.000856	0.0754	0.00000698	2.94	3.57	0.0404	0.00133	10.7	0.00171	0.0231	0.000213	0.000277	0.000159	0.135	0.00000446	0.00048	0.000412	0.00116	0.000581
2106 Jun	0.000209	0.000844	0.0747	0.00000687	2.92	3.52	0.0402	0.00134	10.5	0.00168	0.0226	0.000213	0.000274	0.000158	0.135	0.00000449	0.000474	0.000408	0.00114	0.000581
2106 Jul	0.000209	0.000845	0.0745	0.00000687	2.93	3.54	0.0403	0.00135	10.5	0.00169	0.0225	0.000212	0.000276	0.000159	0.135	0.00000451	0.000478	0.000408	0.00114	0.000587
2106 Aug	0.000209	0.000849	0.0745	0.00000691	2.95	3.58	0.0404	0.00135	10.6	0.0017	0.0225	0.000212	0.000278	0.00016	0.135	0.00000451	0.000484	0.000409	0.00114	0.000593
2106 Sep	0.000207	0.000847	0.0739	0.00000691	2.96	3.57	0.0401	0.00136	10.6	0.0017	0.0224	0.000209	0.000278	0.00016	0.135	0.00000452	0.000486	0.000405	0.00114	0.000596
2106 Oct	0.000206	0.000845	0.0734	0.00000691	2.95	3.56	0.0399	0.00137	10.6	0.0017	0.0223	0.000207	0.000278	0.00016	0.135	0.00000454	0.000486	0.000402	0.00114	0.000598
2106 Nov	0.000206	0.000845	0.0735	0.00000691	2.95	3.56	0.0399	0.00137	10.6	0.0017	0.0223	0.000207	0.000278	0.00016	0.135	0.00000454	0.000486	0.000402	0.00114	0.000598
2106 Dec	0.000206	0.000845	0.0735	0.00000691	2.95	3.56	0.0399	0.00137	10.6	0.0017	0.0223	0.000207	0.000278	0.00016	0.135	0.00000454	0.000486	0.000402	0.00114	0.000598
2107 Jan	0.000206	0.000845	0.0735	0.00000691	2.95	3.56	0.0399	0.00137	10.6	0.0017	0.0223	0.000207	0.000278	0.00016	0.135	0.00000454	0.000486	0.000402	0.00114	0.000598
2107 Feb	0.000206	0.000845	0.0735	0.00000691	2.96	3.56	0.0399	0.00137	10.6	0.0017	0.0223	0.000207	0.000278	0.00016	0.135	0.00000454	0.000486	0.000402	0.00114	0.000598
2107 Mar	0.000206	0.000845	0.0735	0.00000691	2.96	3.56	0.0399	0.00137	10.6	0.0017	0.0223	0.000207	0.000278	0.00016	0.135	0.00000454	0.000486	0.000402	0.00114	0.000598
2107 Apr	0.000206	0.000846	0.0735	0.00000691	2.96	3.57	0.0399	0.00137	10.6	0.0017	0.0223	0.000207	0.000278	0.00016	0.135	0.00000454	0.000486	0.000402	0.00114	0.000598
2107 May	0.000206	0.000846	0.0736	0.00000691	2.96	3.57	0.0399	0.00137	10.6	0.0017	0.0223	0.000207	0.000278	0.00016	0.135	0.00000455	0.000486	0.000403	0.00114	0.000598
2107 Jun	0.000207	0.000843	0.0738	0.0000069	2.95	3.55	0.0401	0.00138	10.5	0.00169	0.0221	0.000209	0.000277	0.000161	0.135	0.00000458	0.000483	0.000404	0.00114	0.000599
2107 Jul	0.000207	0.000848	0.074	0.00000694	2.97	3.59	0.0403	0.00138	10.6	0.00171	0.0221	0.000209	0.000279	0.000162	0.136	0.00000459	0.000489	0.000405	0.00114	0.000605
2107 Aug	0.000208	0.000852	0.0743	0.00000697	2.99	3.62	0.0405	0.00139	10.7	0.00172	0.0222	0.00021	0.000281	0.000163	0.136	0.0000046	0.000493	0.000407	0.00115	0.000609
2107 Sep	0.000208	0.000855	0.0743	0.000007	3	3.64	0.0405	0.00139	10.8	0.00173	0.0222	0.00021	0.000282	0.000163	0.137	0.0000046	0.000497	0.000407	0.00115	0.000613
2107 Oct	0.000208	0.000856	0.0743	0.000007	3.01	3.65	0.0405	0.00139	10.8	0.00173	0.0222	0.00021	0.000283	0.000163	0.137	0.0000046	0.000498	0.000407	0.00115	0.000614
2107 Nov	0.000208	0.000856	0.0743	0.00000701	3.01	3.65	0.0406	0.00139	10.8	0.00173	0.0222	0.00021	0.000283	0.000163	0.137	0.0000046	0.000499	0.000407	0.00115	0.000615
2107 Dec	0.000208	0.000856	0.0743	0.00000701	3.01	3.65	0.0406	0.00139	10.8	0.00173	0.0222	0.00021	0.000283	0.000163	0.137	0.0000046	0.000499	0.000407	0.00115	0.000615
2108 Jan	0.000208	0.000856	0.0743	0.00000701	3.01	3.65	0.0406	0.00139	10.8	0.00173	0.0222	0.00021	0.000283	0.000163	0.137	0.0000046	0.000499	0.000407	0.00115	0.000615
2108 Feb	0.000208	0.000856	0.0743	0.00000701	3.01	3.65	0.0406	0.00139	10.8	0.00173	0.0222	0.00021	0.000283	0.000163	0.137	0.0000046	0.000499	0.000407	0.00115	0.000615
2108 Mar	0.000208	0.000857	0.0743	0.00000701	3.01	3.65	0.0406	0.00139	10.8	0.00173	0.0222	0.00021	0.000283	0.000163	0.137	0.0000046	0.000499	0.000407	0.00115	0.000615
2108 Apr	0.000209	0.000857	0.0744	0.00000702	3.01	3.65	0.0406	0.00139	10.8	0.00174	0.0222	0.00021	0.000283	0.000164	0.137	0.00000461	0.000499	0.000408	0.00115	0.000615
2108 May	0.000209	0.000859	0.0745	0.00000703	3.02	3.66	0.0407	0.0014	10.9	0.00174	0.0222	0.00021	0.000284	0.000164	0.137	0.00000461	0.0005	0.000409	0.00115	0.000617
2108 Jun	0.000211	0.000864	0.0756	0.00000711	3.02	3.67	0.041	0.0014	10.8	0.00174	0.0221	0.000213	0.000284	0.000164	0.138	0.00000464	0.000498	0.000414	0.00117	0.000616
2108 Jul	0.000212	0.00087	0.0762	0.00000717	3.04	3.69	0.0412	0.00141	10.9	0.00176	0.0222	0.000214	0.000287	0.000165	0.138	0.00000467	0.000502	0.000417	0.00118	0.00062
2108 Aug	0.000213	0.000876	0.0766	0.00000722	3.06	3.72	0.0415	0.00142	11	0.00177	0.0223	0.000215	0.000289	0.000166	0.139	0.00000469	0.000506	0.000419	0.00118	0.000625
2108 Sep	0.000213	0.000878	0.0766	0.00000724	3.07	3.74	0.0416	0.00142	11.1	0.00178	0.0223	0.000215	0.00029	0.000167	0.139	0.0000047	0.00051	0.00042	0.00119	0.000629
2108 Oct	0.000213	0.000879	0.0763	0.00000724	3.07	3.76	0.0415	0.00142	11.1	0.00179	0.0222	0.000214	0.00029	0.000167	0.139	0.00000467	0.000513	0.000419	0.00118	0.000632
2108 Nov	0.000213	0.000879	0.0763	0.00000724	3.08	3.76	0.0415	0.00142	11.2	0.00179	0.0222	0.000214	0.00029	0.000167	0.139	0.00000467	0.000514	0.000419	0.00118	0.000632
2108 Dec	0.000213	0.000879	0.0763	0.00000724	3.08	3.76	0.0415	0.00142	11.2	0.00179	0.0222	0.000214	0.00029	0.000167	0.139	0.00000467	0.000514	0.000419	0.00118	0.000632
2109 Jan	0.000213	0.000879	0.0763	0.00000724	3.08	3.76	0.0415	0.00142	11.2	0.00179	0.0222	0.000214	0.00029	0.000167	0.139	0.00000467	0.000514	0.000419	0.00118	0.000632
2109 Feb	0.000213	0.000879	0.0763	0.00000724	3.08	3.76	0.0415	0.00142	11.2	0.00179	0.0222	0.000214	0.00029	0.000167	0.139	0.00000467	0.000514	0.000419	0.00118	0.000632
2109 Mar	0.000213	0.000879	0.0763	0.00000724	3.08	3.77	0.0415	0.00142	11.2	0.00179	0.0222	0.000214	0.000291	0.000167	0.139	0.00000467	0.000514	0.000419	0.00118	0.000632
2109 Apr	0.000213	0.00088	0.0763	0.00000725	3.08	3.77	0.0415	0.00142	11.2	0.00179	0.0222	0.000214	0.000291	0.000167	0.139	0.00000468	0.000514	0.000419	0.00118	0.000633
2109 May	0.000215	0.000885	0.0775	0.00000731	3.08	3.78	0.0419	0.00142	11.1	0.00179	0.0223	0.000218	0.000291	0.000168	0.14	0.0000047	0.000512	0.000424	0.00119	0.000631
2109 Jun	0.000221	0.000898	0.0802	0.00000746	3.09	3.79	0.0427	0.00143	11.1	0.0018	0.0222	0.000226	0.000292	0.000168	0.141	0.00000474	0.000507	0.000437	0.00122	0.000626
2109 Jul	0.000222	0.000903	0.0804	0.0000075	3.11	3.83	0.0429	0.00143	11.2	0.00181	0.0223	0.000226	0.000294	0.000169	0.142	0.00000475	0.000512	0.000438	0.00123	0.000632
2109 Aug	0.000223	0.000908	0.0806	0.00000754	3.13	3.85	0.0431	0.00144	11.3	0.00183	0.0224	0.000227	0.000296	0.00017	0.143	0.00000477	0.000517	0.00044	0.00123	0.000637
2109 Sep	0.000223	0.000911	0.0808	0.00000757	3.14	3.88	0.0432	0.00144	11.4	0.00184	0.0223	0.000227	0.000297	0.000171	0.143	0.00000477	0.00052	0.000441	0.00123	0.00064
2109 Oct	0.000225	0.000917	0.0822	0.00000766	3.13	3.86	0.0434	0.00145	11.2	0.00183	0.0223	0.000229	0.000296	0.00017	0.143	0.00000481	0.000513	0.000445	0.00125	0.000635
2109 Nov	0.000225	0.000918	0.0823	0.00000767	3.13	3.86	0.0434	0.00145	11.2	0.00183	0.0223	0.000229	0.000296	0.00017	0.144	0.00000481	0.000512	0.000445	0.00125	0.000634
2109 Dec	0.000225	0.000918	0.0823	0.00000767	3.13	3.86	0.0434	0.00145	11.2	0.00183	0.0223	0.000229	0.000296	0.00017	0.144	0.00000482	0.000512	0.000445	0.00125	0.000634
2110 Jan	0.000225	0.000918	0.0824	0.00000767	3.13	3.86	0.0434	0.00145	11.2	0.00183	0.0223	0.000229	0.000296	0.00017	0.144	0.00000482	0.000512	0.000445	0.00125	0.000634
2110 Feb	0.000225	0.000918	0.0824	0.00000767	3.13	3.86	0.0434	0.00145	11.2	0.00183	0.0223	0.000229	0.000296	0.00017	0.144	0.00000482	0.000512	0.000445	0.00125	0.000634

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2110 Mar	0.000225	0.000918	0.0824	0.00000767	3.13	3.86	0.0434	0.00145	11.2	0.00183	0.0223	0.000229	0.000296	0.00017	0.144	0.00000482	0.000512	0.000445	0.00125	0.000635
2110 Apr	0.000225	0.000918	0.0824	0.00000768	3.13	3.86	0.0434	0.00145	11.2	0.00183	0.0223	0.000229	0.000296	0.00017	0.144	0.00000482	0.000513	0.000445	0.00125	0.000635
2110 May	0.000226	0.00092	0.0827	0.00000769	3.13	3.87	0.0435	0.00145	11.2	0.00183	0.0223	0.00023	0.000296	0.000171	0.144	0.00000483	0.000512	0.000446	0.00125	0.000635
2110 Jun	0.000232	0.000922	0.0853	0.00000773	3.11	3.83	0.0444	0.00145	10.9	0.0018	0.0221	0.000241	0.000293	0.00017	0.145	0.00000489	0.000495	0.000458	0.00126	0.000623
2110 Jul	0.000233	0.000925	0.0855	0.00000776	3.12	3.85	0.0446	0.00146	11	0.00181	0.0221	0.000241	0.000294	0.00017	0.146	0.0000049	0.000499	0.00046	0.00127	0.000628
2110 Aug	0.00023	0.000917	0.0846	0.00000771	3.11	3.82	0.0441	0.00146	10.8	0.0018	0.0218	0.000238	0.000293	0.00017	0.145	0.00000492	0.000495	0.000454	0.00126	0.000628
2110 Sep	0.000222	0.000898	0.0818	0.00000757	3.08	3.74	0.0428	0.00146	10.6	0.00176	0.0214	0.000227	0.000288	0.000168	0.142	0.00000493	0.000491	0.000437	0.00123	0.000628
2110 Oct	0.000214	0.000877	0.0787	0.00000739	3.04	3.65	0.0413	0.00147	10.3	0.00172	0.021	0.000214	0.000283	0.000166	0.14	0.00000494	0.000485	0.000417	0.0012	0.000628
2110 Nov	0.000211	0.000872	0.0778	0.00000734	3.03	3.63	0.0409	0.00147	10.3	0.00172	0.0209	0.000211	0.000281	0.000166	0.139	0.00000494	0.000484	0.000412	0.00119	0.000629
2110 Dec	0.000211	0.000872	0.0778	0.00000734	3.03	3.63	0.0409	0.00147	10.3	0.00172	0.021	0.000211	0.000281	0.000166	0.139	0.00000494	0.000485	0.000412	0.00119	0.000629
2111 Jan	0.000211	0.000872	0.0778	0.00000734	3.03	3.63	0.0409	0.00147	10.3	0.00172	0.021	0.000211	0.000281	0.000166	0.139	0.00000494	0.000485	0.000412	0.00119	0.000629
2111 Feb	0.000211	0.000872	0.0778	0.00000734	3.03	3.63	0.0409	0.00147	10.3	0.00172	0.021	0.000211	0.000281	0.000166	0.139	0.00000494	0.000485	0.000412	0.00119	0.000629
2111 Mar	0.000211	0.000872	0.0778	0.00000734	3.03	3.63	0.0409	0.00147	10.3	0.00172	0.021	0.000211	0.000282	0.000166	0.139	0.00000494	0.000485	0.000412	0.00119	0.000629
2111 Apr	0.000212	0.000872	0.0779	0.00000735	3.04	3.63	0.041	0.00147	10.3	0.00172	0.021	0.000211	0.000282	0.000166	0.14	0.00000495	0.000485	0.000412	0.00119	0.000629
2111 May	0.000212	0.000872	0.0779	0.00000735	3.04	3.63	0.041	0.00148	10.3	0.00172	0.0209	0.000212	0.000282	0.000166	0.14	0.00000495	0.000485	0.000413	0.00119	0.00063
2111 Jun	0.000211	0.000862	0.0772	0.00000721	3.03	3.61	0.041	0.00148	10.2	0.0017	0.0206	0.000212	0.000279	0.000165	0.139	0.00000496	0.000482	0.00041	0.00117	0.000632
2111 Jul	0.000213	0.000867	0.0776	0.00000725	3.05	3.64	0.0413	0.00149	10.2	0.00171	0.0207	0.000213	0.000281	0.000166	0.14	0.00000498	0.000486	0.000413	0.00117	0.000637
2111 Aug	0.000212	0.00087	0.0774	0.00000728	3.06	3.67	0.0413	0.00149	10.4	0.00173	0.0206	0.000213	0.000283	0.000167	0.14	0.00000498	0.000492	0.000412	0.00117	0.000643
2111 Sep	0.000212	0.00087	0.0773	0.00000728	3.07	3.67	0.0413	0.0015	10.4	0.00173	0.0205	0.000212	0.000283	0.000168	0.14	0.00000499	0.000494	0.000411	0.00117	0.000646
2111 Oct	0.00021	0.000863	0.0764	0.00000723	3.06	3.65	0.0409	0.00151	10.3	0.00172	0.0204	0.000208	0.000281	0.000167	0.14	0.000005	0.000492	0.000406	0.00116	0.000647
2111 Nov	0.000207	0.000857	0.0756	0.00000718	3.05	3.62	0.0405	0.00151	10.2	0.0017	0.0202	0.000205	0.00028	0.000167	0.139	0.00000501	0.00049	0.0004	0.00115	0.000647
2111 Dec	0.000207	0.000857	0.0755	0.00000718	3.05	3.62	0.0405	0.00151	10.2	0.0017	0.0202	0.000205	0.000279	0.000167	0.139	0.00000502	0.00049	0.0004	0.00115	0.000647
2112 Jan	0.000207	0.000857	0.0755	0.00000718	3.05	3.62	0.0405	0.00151	10.2	0.0017	0.0202	0.000205	0.000279	0.000167	0.139	0.00000502	0.00049	0.0004	0.00115	0.000647
2112 Feb	0.000207	0.000857	0.0756	0.00000718	3.05	3.62	0.0405	0.00151	10.2	0.0017	0.0202	0.000205	0.000279	0.000167	0.139	0.00000502	0.00049	0.0004	0.00115	0.000647
2112 Mar	0.000207	0.000857	0.0756	0.00000718	3.05	3.62	0.0405	0.00151	10.2	0.0017	0.0202	0.000205	0.00028	0.000167	0.139	0.00000502	0.00049	0.0004	0.00115	0.000647
2112 Apr	0.000208	0.000858	0.0756	0.00000718	3.05	3.62	0.0406	0.00151	10.2	0.0017	0.0203	0.000205	0.00028	0.000167	0.139	0.00000502	0.00049	0.000401	0.00115	0.000647
2112 May	0.000209	0.000858	0.0759	0.00000718	3.05	3.62	0.0407	0.00151	10.2	0.0017	0.0202	0.000207	0.00028	0.000167	0.139	0.00000503	0.000489	0.000402	0.00115	0.000647
2112 Jun	0.000211	0.00084	0.0755	0.00000697	3.03	3.59	0.0413	0.00152	9.95	0.00167	0.0195	0.000213	0.000277	0.000166	0.139	0.00000504	0.000483	0.000406	0.00112	0.000649
2112 Jul	0.00021	0.000837	0.075	0.00000695	3.04	3.6	0.0414	0.00152	9.98	0.00168	0.0194	0.000213	0.000278	0.000167	0.139	0.00000505	0.000487	0.000406	0.00112	0.000655
2112 Aug	0.000211	0.000842	0.0752	0.00000698	3.06	3.63	0.0416	0.00153	10.1	0.00169	0.0195	0.000213	0.00028	0.000168	0.139	0.00000507	0.000491	0.000407	0.00113	0.00066
2112 Sep	0.000211	0.000844	0.0752	0.000007	3.07	3.65	0.0416	0.00153	10.2	0.0017	0.0195	0.000213	0.000282	0.000169	0.14	0.00000506	0.000495	0.000408	0.00113	0.000664
2112 Oct	0.000211	0.000844	0.0751	0.000007	3.07	3.66	0.0416	0.00154	10.2	0.0017	0.0195	0.000213	0.000282	0.000169	0.139	0.00000506	0.000497	0.000407	0.00113	0.000666
2112 Nov	0.00021	0.000844	0.075	0.000007	3.07	3.66	0.0416	0.00154	10.2	0.00171	0.0195	0.000212	0.000282	0.000169	0.139	0.00000507	0.000497	0.000407	0.00113	0.000666
2112 Dec	0.00021	0.000844	0.0751	0.000007	3.07	3.66	0.0416	0.00154	10.2	0.00171	0.0195	0.000212	0.000282	0.000169	0.139	0.00000507	0.000497	0.000407	0.00113	0.000666
2113 Jan	0.00021	0.000844	0.0751	0.000007	3.07	3.66	0.0416	0.00154	10.2	0.00171	0.0195	0.000212	0.000282	0.000169	0.139	0.00000507	0.000497	0.000407	0.00113	0.000666
2113 Feb	0.00021	0.000844	0.0751	0.000007	3.07	3.66	0.0416	0.00154	10.2	0.00171	0.0195	0.000212	0.000282	0.000169	0.139	0.00000507	0.000497	0.000407	0.00113	0.000666
2113 Mar	0.000211	0.000845	0.0751	0.00000701	3.08	3.66	0.0416	0.00154	10.2	0.00171	0.0195	0.000212	0.000282	0.000169	0.14	0.00000507	0.000497	0.000407	0.00113	0.000666
2113 Apr	0.000211	0.000845	0.0751	0.00000701	3.08	3.67	0.0416	0.00154	10.2	0.00171	0.0195	0.000213	0.000282	0.000169	0.14	0.00000507	0.000498	0.000407	0.00113	0.000666
2113 May	0.000212	0.000847	0.0755	0.00000703	3.08	3.67	0.0418	0.00154	10.2	0.00171	0.0195	0.000214	0.000283	0.000169	0.14	0.00000508	0.000498	0.00041	0.00113	0.000668
2113 Jun	0.000215	0.000846	0.0765	0.00000702	3.09	3.68	0.0425	0.00155	10.1	0.00171	0.0193	0.000221	0.000284	0.00017	0.141	0.00000513	0.000495	0.000418	0.00114	0.000669
2113 Jul	0.000216	0.00085	0.0768	0.00000706	3.11	3.71	0.0427	0.00156	10.2	0.00172	0.0193	0.000221	0.000286	0.000171	0.141	0.00000514	0.0005	0.00042	0.00114	0.000675
2113 Aug	0.000217	0.000855	0.0769	0.0000071	3.12	3.74	0.0429	0.00156	10.3	0.00173	0.0194	0.000222	0.000288	0.000172	0.142	0.00000515	0.000505	0.000421	0.00115	0.00068
2113 Sep	0.000217	0.000857	0.0769	0.00000712	3.14	3.76	0.043	0.00157	10.4	0.00174	0.0193	0.000222	0.000289	0.000173	0.142	0.00000515	0.000509	0.000422	0.00115	0.000684
2113 Oct	0.000215	0.000853	0.0766	0.00000711	3.12	3.73	0.0427	0.00157	10.3	0.00173	0.0192	0.000219	0.000287	0.000172	0.142	0.00000518	0.000504	0.000418	0.00115	0.000683
2113 Nov	0.000214	0.000851	0.0764	0.0000071	3.12	3.71	0.0425	0.00157	10.2	0.00172	0.0191	0.000218	0.000286	0.000172	0.141	0.00000519	0.000502	0.000417	0.00115	0.000682
2113 Dec	0.000214	0.000851	0.0764	0.0000071	3.12	3.71	0.0425	0.00157	10.2	0.00172	0.0191	0.000218	0.000286	0.000172	0.141	0.00000519	0.000502	0.000417	0.00115	0.000682
2114 Jan	0.000214	0.000851	0.0764	0.0000071	3.12	3.71	0.0425	0.00157	10.2	0.00172	0.0191	0.000218	0.000286	0.000172	0.141	0.00000519	0.000502	0.000417	0.00115	0.000682
2114 Feb	0.000214	0.000851	0.0764	0.0000071	3.12	3.71	0.0425	0.00157	10.2	0.00172	0.0191	0.000218	0.000286	0.000172	0.141	0.00000519	0.000502	0.000417	0.00115	0.000682
2114 Mar	0.000214	0.000852	0.0764	0.0000071	3.12	3.71	0.0425	0.00157	10.2	0.00172	0.0191	0.000218	0.000286	0.000172	0.141	0.0000052	0.000502	0.000417	0.00115	0.000682
2114 Apr	0.000215	0.000852	0.0765	0.00000711	3.12	3.72	0.0425	0.00157	10.2	0.00172	0.0192	0.000218	0.000287	0.000172	0.142	0.0000052	0.000502	0.000417	0.00115	0.000683
2114 May	0.000216	0.000852	0.0768	0.00000711	3.12	3.71	0.0427	0.00158	10.2	0.00172	0.0191	0.00022	0.000286	0.000172	0.142	0.00000521	0.0005	0.000419	0.00115	0.000682
2114 Jun	0.000217	0.000854	0.0774	0.00000712	3.13	3.72	0.043	0.00158	10.1	0.00172	0.019	0.000222	0.000286	0.000172	0.142	0.00000524	0.0005	0.000422	0.00115	0.000684
2114 Jul	0.000219	0.00086	0.0779	0.00000717	3.15	3.75	0.0433	0.00159	10.2	0.00174	0.0191	0.000224	0.000289	0.000174	0.143	0.00000527	0.000505	0.000425	0.00116	0.00069
2114 Aug	0.00022	0.000865	0.0783	0.00000721	3.17	3.78	0.0436	0.0016	10.3	0.00175	0.0192	0.000225	0.000291	0.000175	0.144	0.00000529	0.000509	0.000427	0.00116	0.000695
2114 Sep	0.00022	0.000867	0.0781	0.00000723	3.18	3.81	0.0436	0.00161	10.4	0.00176	0.0192	0.000224	0.000292	0.000175	0.144	0.00000528	0.000514	0.000427	0.00116	0.0007
2114 Oct	0.000219	0.000868	0.078	0.00000724	3.18	3.83	0.0436	0.00161	10.5	0.00177	0.0191	0.000223	0.000293	0.000176	0.144	0.00000527	0.000517	0.000426	0.00116	0.000702
2114 Nov	0.00022	0.000871	0.0784	0.00000727	3.18	3.82	0.0436	0.00161	10.5	0.00177	0.0191	0.000224	0.000292	0.000175	0.144	0.00000529	0.000515	0.000427	0.00116	0.000701
2114 Dec	0.00022	0.000871	0.0784	0.00000727	3.18	3.82	0.0436	0.00161	10.5	0.00176	0.0191	0.000224	0.000292	0.000175	0.144	0.00000529	0.000514	0.000427	0.00116	0.000701
2115 Jan	0.00022	0.000871	0.0784	0.00000727	3.18	3.82	0.0436	0.00161	10.5	0.00176	0.0191	0.000224	0.000292	0.000175	0.144	0.00000529	0.000514	0.000427	0.00116	0.000701
2115 Feb	0.00022	0.000871	0.0784	0.00000727	3.18	3.82	0.0436	0.00161	10.5	0.00176	0.0191	0.000224	0.000292	0.000175	0.144	0.00000529	0.000514	0.000427	0.00116	0.000701

Appendix C.2-24: PUMP04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2115 Mar	0.00022	0.000871	0.0784	0.00000727	3.18	3.82	0.0436	0.00161	10.5	0.00177	0.0191	0.000224	0.000292	0.000176	0.144	0.00000529	0.000514	0.000427	0.00116	0.000701
2115 Apr	0.00022	0.000871	0.0785	0.00000727	3.18	3.82	0.0436	0.00161	10.5	0.00177	0.0191	0.000224	0.000292	0.000176	0.144	0.00000529	0.000515	0.000427	0.00117	0.000701
2115 May	0.000222	0.000875	0.0793	0.00000731	3.19	3.83	0.0439	0.00161	10.4	0.00177	0.0191	0.000227	0.000292	0.000176	0.145	0.00000531	0.000513	0.000431	0.00117	0.000701
2115 Jun	0.000225	0.000882	0.0805	0.00000737	3.2	3.85	0.0444	0.00162	10.4	0.00177	0.0191	0.000231	0.000293	0.000177	0.146	0.00000535	0.000512	0.000437	0.00118	0.000702
2115 Jul	0.000226	0.000888	0.0809	0.00000742	3.22	3.88	0.0447	0.00163	10.6	0.00179	0.0192	0.000232	0.000295	0.000178	0.147	0.00000537	0.000518	0.000439	0.00119	0.000708
2115 Aug	0.000226	0.000892	0.0808	0.00000744	3.24	3.92	0.0448	0.00164	10.7	0.00181	0.0192	0.000231	0.000297	0.000179	0.147	0.00000536	0.000524	0.000439	0.00119	0.000714
2115 Sep	0.000227	0.000895	0.081	0.00000747	3.25	3.94	0.0449	0.00164	10.8	0.00181	0.0192	0.000231	0.000298	0.000179	0.147	0.00000536	0.000527	0.00044	0.00119	0.000717
2115 Oct	0.000227	0.000897	0.0812	0.00000749	3.25	3.95	0.0449	0.00164	10.8	0.00182	0.0192	0.000232	0.000298	0.00018	0.147	0.00000537	0.000528	0.000441	0.00119	0.000718
2115 Nov	0.000228	0.000899	0.0817	0.00000753	3.25	3.94	0.0451	0.00164	10.7	0.00181	0.0192	0.000233	0.000298	0.00018	0.148	0.00000539	0.000525	0.000442	0.0012	0.000716
2115 Dec	0.000228	0.000899	0.0818	0.00000753	3.25	3.94	0.0451	0.00164	10.7	0.00181	0.0192	0.000233	0.000297	0.00018	0.148	0.00000539	0.000525	0.000442	0.0012	0.000716
2116 Jan	0.000228	0.000899	0.0818	0.00000753	3.25	3.94	0.0451	0.00164	10.7	0.00181	0.0192	0.000233	0.000297	0.00018	0.148	0.00000539	0.000525	0.000442	0.0012	0.000716
2116 Feb	0.000228	0.000899	0.0818	0.00000753	3.25	3.94	0.0451	0.00164	10.7	0.00181	0.0192	0.000233	0.000297	0.00018	0.148	0.00000539	0.000525	0.000442	0.0012	0.000716
2116 Mar	0.000228	0.0009	0.0818	0.00000753	3.25	3.94	0.0451	0.00164	10.7	0.00181	0.0192	0.000233	0.000298	0.00018	0.148	0.00000539	0.000525	0.000442	0.0012	0.000716
2116 Apr	0.000228	0.0009	0.0818	0.00000753	3.26	3.94	0.0451	0.00165	10.7	0.00182	0.0192	0.000233	0.000298	0.00018	0.148	0.0000054	0.000525	0.000442	0.0012	0.000717
2116 May	0.00023	0.000903	0.0826	0.00000757	3.26	3.95	0.0454	0.00165	10.7	0.00182	0.0192	0.000236	0.000298	0.00018	0.148	0.00000542	0.000523	0.000446	0.0012	0.000715
2116 Jun	0.000239	0.000906	0.0859	0.00000759	3.23	3.92	0.0468	0.00165	10.4	0.00179	0.0189	0.000251	0.000294	0.000179	0.15	0.00000548	0.000505	0.000462	0.00121	0.000704
2116 Jul	0.000241	0.00091	0.0863	0.00000763	3.25	3.95	0.0471	0.00166	10.5	0.0018	0.019	0.000253	0.000296	0.00018	0.151	0.00000551	0.000508	0.000464	0.00122	0.00071
2116 Aug	0.000242	0.000915	0.0866	0.00000767	3.27	3.98	0.0473	0.00166	10.5	0.00181	0.019	0.000254	0.000298	0.000181	0.151	0.00000553	0.000513	0.000466	0.00122	0.000715
2116 Sep	0.000241	0.000917	0.0863	0.00000768	3.28	4	0.0473	0.00167	10.6	0.00183	0.019	0.000252	0.000299	0.000182	0.151	0.00000551	0.000518	0.000466	0.00122	0.000719
2116 Oct	0.000239	0.000913	0.086	0.00000768	3.27	3.98	0.0469	0.00167	10.6	0.00182	0.0189	0.00025	0.000298	0.000181	0.151	0.00000552	0.000515	0.000462	0.00122	0.000718
2116 Nov	0.000239	0.000913	0.0859	0.00000767	3.27	3.97	0.0469	0.00167	10.5	0.00181	0.0189	0.000249	0.000297	0.000181	0.151	0.00000553	0.000514	0.000462	0.00122	0.000717
2116 Dec	0.000239	0.000913	0.0859	0.00000767	3.27	3.97	0.0469	0.00167	10.5	0.00181	0.0189	0.000249	0.000297	0.000181	0.151	0.00000553	0.000514	0.000462	0.00122	0.000717
2117 Jan	0.000239	0.000913	0.0859	0.00000767	3.27	3.97	0.0469	0.00167	10.5	0.00181	0.0189	0.000249	0.000297	0.000181	0.151	0.00000553	0.000514	0.000462	0.00122	0.000717
2117 Feb	0.000239	0.000913	0.0859	0.00000767	3.27	3.97	0.0469	0.00167	10.5	0.00181	0.0189	0.000249	0.000297	0.000181	0.151	0.00000553	0.000514	0.000462	0.00122	0.000717
2117 Mar	0.000239	0.000913	0.0859	0.00000768	3.27	3.97	0.0469	0.00167	10.5	0.00181	0.0189	0.000249	0.000297	0.000181	0.151	0.00000553	0.000514	0.000462	0.00122	0.000718
2117 Apr	0.000239	0.000914	0.086	0.00000768	3.27	3.97	0.0469	0.00167	10.5	0.00181	0.0189	0.000249	0.000298	0.000181	0.151	0.00000553	0.000514	0.000462	0.00122	0.000718
2117 May	0.00024	0.000915	0.0863	0.0000077	3.27	3.98	0.047	0.00167	10.6	0.00182	0.0189	0.00025	0.000298	0.000182	0.151	0.00000554	0.000515	0.000464	0.00122	0.000719
2117 Jun	0.000242	0.000916	0.0869	0.00000771	3.27	3.98	0.0473	0.00168	10.5	0.00181	0.0188	0.000253	0.000297	0.000182	0.151	0.00000556	0.000511	0.000467	0.00123	0.000718
2117 Jul	0.000243	0.000922	0.0873	0.00000776	3.29	4.01	0.0475	0.00169	10.6	0.00183	0.0189	0.000254	0.0003	0.000183	0.152	0.00000559	0.000516	0.000469	0.00124	0.000723
2117 Aug	0.000244	0.000926	0.0875	0.0000078	3.31	4.04	0.0477	0.00169	10.7	0.00184	0.0189	0.000255	0.000301	0.000184	0.153	0.0000056	0.000521	0.000471	0.00124	0.000729
2117 Sep	0.000244	0.000929	0.0876	0.00000782	3.32	4.06	0.0478	0.0017	10.8	0.00185	0.019	0.000255	0.000303	0.000184	0.153	0.00000561	0.000524	0.000472	0.00124	0.000732
2117 Oct	0.000244	0.00093	0.0875	0.00000782	3.33	4.07	0.0478	0.0017	10.8	0.00185	0.0189	0.000254	0.000303	0.000185	0.153	0.0000056	0.000526	0.000471	0.00124	0.000734
2117 Nov	0.000244	0.00093	0.0875	0.00000782	3.33	4.07	0.0478	0.0017	10.8	0.00186	0.0189	0.000254	0.000303	0.000185	0.153	0.00000559	0.000527	0.000471	0.00124	0.000734
2117 Dec	0.000244	0.00093	0.0875	0.00000782	3.33	4.07	0.0478	0.0017	10.8	0.00186	0.0189	0.000254	0.000303	0.000185	0.153	0.00000559	0.000527	0.000471	0.00124	0.000734
2118 Jan	0.000244	0.00093	0.0875	0.00000782	3.33	4.07	0.0478	0.0017	10.8	0.00186	0.0189	0.000254	0.000303	0.000185	0.153	0.00000559	0.000527	0.000471	0.00124	0.000734
2118 Feb	0.000244	0.00093	0.0875	0.00000782	3.33	4.07	0.0478	0.0017	10.8	0.00186	0.0189	0.000254	0.000303	0.000185	0.153	0.00000559	0.000527	0.000471	0.00124	0.000734
2118 Mar	0.000244	0.00093	0.0875	0.00000782	3.33	4.07	0.0478	0.0017	10.8	0.00186	0.0189	0.000254	0.000303	0.000185	0.153	0.00000559	0.000527	0.000471	0.00124	0.000734
2118 Apr	0.000244	0.000931	0.0875	0.00000783	3.33	4.08	0.0478	0.0017	10.8	0.00186	0.0189	0.000254	0.000303	0.000185	0.153	0.0000056	0.000527	0.000472	0.00124	0.000735
2118 May	0.000248	0.000936	0.0892	0.00000788	3.33	4.09	0.0485	0.00169	10.8	0.00186	0.0189	0.000261	0.000303	0.000185	0.154	0.0000056	0.000523	0.00048	0.00125	0.000731
2118 Jun	0.000258	0.000938	0.0924	0.00000789	3.3	4.07	0.05	0.00168	10.5	0.00184	0.0186	0.000276	0.0003	0.000184	0.155	0.00000562	0.000507	0.000498	0.00126	0.000718
2118 Jul	0.000259	0.000944	0.0929	0.00000794	3.32	4.1	0.0503	0.00169	10.6	0.00185	0.0187	0.000278	0.000303	0.000185	0.156	0.00000565	0.000511	0.000501	0.00127	0.000724
2118 Aug	0.000259	0.000948	0.0929	0.00000797	3.34	4.14	0.0504	0.0017	10.7	0.00187	0.0187	0.000278	0.000305	0.000186	0.156	0.00000565	0.000518	0.000502	0.00127	0.00073
2118 Sep	0.000257	0.000944	0.0923	0.00000794	3.33	4.11	0.0501	0.0017	10.7	0.00186	0.0185	0.000275	0.000303	0.000186	0.155	0.00000565	0.000515	0.000498	0.00126	0.000729
2118 Oct	0.000254	0.000933	0.0911	0.00000787	3.31	4.06	0.0494	0.0017	10.5	0.00183	0.0184	0.000269	0.000299	0.000184	0.154	0.00000567	0.000509	0.000489	0.00125	0.000727
2118 Nov	0.000252	0.00093	0.0906	0.00000785	3.3	4.04	0.0491	0.0017	10.4	0.00182	0.0183	0.000267	0.000298	0.000184	0.154	0.00000567	0.000507	0.000486	0.00125	0.000726
2118 Dec	0.000252	0.00093	0.0906	0.00000785	3.3	4.04	0.0491	0.0017	10.4	0.00182	0.0183	0.000267	0.000298	0.000184	0.154	0.00000567	0.000507	0.000486	0.00125	0.000726
2119 Jan	0.000252	0.00093	0.0906	0.00000785	3.3	4.04	0.0491	0.0017	10.4	0.00182	0.0183	0.000267	0.000298	0.000184	0.154	0.00000567	0.000507	0.000486	0.00125	0.000726
2119 Feb	0.000252	0.00093	0.0906	0.00000785	3.3	4.04	0.0491	0.0017	10.4	0.00182	0.0183	0.000267	0.000298	0.000184	0.154	0.00000567	0.000507	0.000486	0.00125	0.000726
2119 Mar	0.000252	0.00093	0.0907	0.00000785	3.3	4.04	0.0492	0.0017	10.4	0.00183	0.0183	0.000267	0.000298	0.000184	0.154	0.00000567	0.000507	0.000486	0.00125	0.000727
2119 Apr	0.000253	0.000931	0.0908	0.00000786	3.3	4.04	0.0492	0.0017	10.4	0.00183	0.0183	0.000268	0.000299	0.000184	0.154	0.00000568	0.000508	0.000487	0.00125	0.000727
2119 May	0.000255	0.000924	0.0911	0.00000776	3.29	4.02	0.0496	0.0017	10.3	0.00181	0.0181	0.000267	0.000296	0.000183	0.154	0.00000568	0.000501	0.000489	0.00123	0.000724
2119 Jun	0.000255	0.000918	0.0907	0.00000767	3.28	4.01	0.0498	0.0017	10.2	0.0018	0.0179	0.000267	0.000295	0.000182	0.154	0.00000568	0.0005	0.000489	0.00122	0.000726
2119 Jul	0.000257	0.000923	0.0912	0.00000771	3.3	4.05	0.0501	0.00171	10.3	0.00181	0.0179	0.000268	0.000297	0.000184	0.155	0.00000571	0.000505	0.000492	0.00123	0.000732
2119 Aug	0.000257	0.000929	0.0913	0.00000775	3.32	4.08	0.0503	0.00172	10.4	0.00183	0.018	0.000268	0.000299	0.000185	0.155	0.00000572	0.000511	0.000493	0.00123	0.000739
2119 Sep	0.000257	0.00093	0.0911	0.00000776	3.33	4.1	0.0503	0.00172	10.5	0.00184	0.0179	0.000267	0.0003	0.000185	0.155	0.0000057	0.000515	0.000493	0.00123	0.000742
2119 Oct	0.000255	0.000925	0.0906	0.00000774	3.32	4.08	0.05	0.00173	10.4	0.00183	0.0178	0.000264	0.000299	0.000185	0.155	0.00000572	0.000513	0.000489	0.00122	0.000742
2119 Nov	0.000254	0.000922	0.0902	0.00000771	3.32	4.06	0.0498	0.00173	10.4	0.00182	0.0178	0.000262	0.000298	0.000184	0.154	0.00000573	0.000511	0.000487	0.00122	0.000742
2119 Dec	0.000254	0.000922	0.0902	0.00000771	3.32	4.06	0.0498	0.00173	10.4	0.00182	0.0178	0.000262	0.000298	0.000184	0.154	0.00000573	0.000511	0.000487	0.00122	0.000742

Appendix C.2-25: FZONE01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	92.2	0.0991	0.128	0.00437	53.9	0.0121	10.4	0.00000305	0.00000305	8.23E-08	0.000559	0.000173	0.0195	0.000788	0.000000266	2.37	0.0000032	0.0000723
Operation (2024-2031): Mean	894	0.973	1.21	0.0417	512	0.136	99.8	0.00067	0.00067	0.00000398	0.0102	0.00227	0.19	0.0168	0.0000057	30.8	0.0000407	0.000802
Operation (2024-2031): Max	1520	1.63	2.09	0.0717	882	0.221	171	0.000933	0.000933	0.00000509	0.0132	0.00338	0.324	0.0202	0.00000715	45	0.0000572	0.00126
Active Closure (2032-2038): Min	73.8	0.0555	0.0674	0.0031	34.2	0.0329	9.56	0.000653	0.000653	0.00000394	0.00326	0.000376	0.016	0.00842	0.00000505	8.56	0.00000758	0.000109
Active Closure (2032-2038): Mean	172	0.163	0.204	0.00771	91.4	0.0448	20.4	0.000942	0.000942	0.00000482	0.00401	0.000599	0.0369	0.00948	0.00000513	11.2	0.0000115	0.000193
Active Closure (2032-2038): Max	964	1.03	1.3	0.0449	552	0.141	107	0.000982	0.000982	0.00000495	0.0102	0.00244	0.204	0.0192	0.00000581	33.7	0.0000434	0.000875
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2038)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun																		
2026 Jul																		
2026 Aug																		
2026 Sep																		
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun																		
2027 Jul																		
2027 Aug																		
2027 Sep																		
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		
2028 Apr																		
2028 May	92.2	0.0991	0.128	0.00437	53.9	0.0121	10.4	0.00000305	0.00000305	8.23E-08	0.000559	0.000173	0.0195	0.000788	0.000000266	2.37	0.0000032	0.0000723
2028 Jun	785	0.826	1.07	0.0368	450	0.113	87.1	0.000664	0.000664	0.00000387	0.00939	0.00197	0.168	0.0132	0.00000539	25.5	0.0000409	0.000723
2028 Jul	1110	1.17	1.52	0.0523	640	0.164	124	0.00074	0.00074	0.00000449	0.0108	0.0027	0.237	0.0171	0.00000666	34.4	0.0000468	0.000947
2028 Aug	1520	1.63	2.09	0.0717	882	0.221	171	0.000614	0.000614	0.00000416	0.0121	0.00338	0.324	0.0197	0.00000715	45	0.0000544	0.00126
2028 Sep	1470	1.61	2.02	0.0692	853	0.215	165	0.000585	0.000585	0.00000398	0.0132	0.00327	0.313	0.0202	0.00000686	44.9	0.0000572	0.00123
2028 Oct	729	0.826	0.968	0.0336	414	0.123	81.6	0.000732	0.000732	0.00000417	0.0103	0.00207	0.155	0.0176	0.00000555	28.7	0.0000346	0.00068

Appendix C.2-25: FZONE01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Nov	619	0.711	0.813	0.0283	350	0.111	69.2	0.000777	0.000777	0.00000431	0.01	0.00192	0.132	0.0175	0.00000546	26.7	0.0000314	0.000603
2028 Dec	620	0.711	0.813	0.0283	350	0.111	69.3	0.000777	0.000777	0.00000431	0.01	0.00192	0.132	0.0175	0.00000547	26.7	0.0000315	0.000603
2029 Jan	620	0.711	0.813	0.0283	350	0.111	69.3	0.000777	0.000777	0.00000431	0.01	0.00192	0.132	0.0175	0.00000547	26.7	0.0000315	0.000603
2029 Feb	620	0.711	0.813	0.0283	350	0.111	69.3	0.000777	0.000777	0.00000431	0.01	0.00192	0.132	0.0175	0.00000547	26.7	0.0000315	0.000603
2029 Mar	620	0.711	0.813	0.0283	350	0.111	69.3	0.000777	0.000777	0.00000431	0.01	0.00192	0.132	0.0175	0.00000547	26.7	0.0000315	0.000603
2029 Apr	620	0.712	0.813	0.0284	350	0.111	69.3	0.000777	0.000777	0.00000431	0.01	0.00192	0.132	0.0175	0.00000547	26.7	0.0000315	0.000603
2029 May	622	0.714	0.816	0.0285	351	0.111	69.5	0.00078	0.00078	0.00000432	0.01	0.00192	0.133	0.0176	0.00000549	26.8	0.0000316	0.000606
2029 Jun	633	0.696	0.83	0.029	355	0.108	70	0.000933	0.000933	0.00000509	0.0109	0.00204	0.135	0.019	0.00000627	27.7	0.0000375	0.000654
2029 Jul	770	0.809	1.04	0.0361	441	0.114	85.4	0.000711	0.000711	0.0000041	0.00932	0.002	0.165	0.0137	0.00000559	25.5	0.0000392	0.000705
2029 Aug	1070	1.13	1.46	0.0501	614	0.156	119	0.000653	0.000653	0.00000403	0.0102	0.00253	0.228	0.0159	0.0000061	33.1	0.0000444	0.000918
2029 Sep	1360	1.5	1.86	0.0639	788	0.202	153	0.000621	0.000621	0.00000408	0.0128	0.0031	0.29	0.02	0.00000674	42.6	0.000054	0.00115
2029 Oct	1070	1.19	1.45	0.05	616	0.164	120	0.000632	0.000632	0.00000392	0.0115	0.00259	0.228	0.0183	0.00000599	35.7	0.0000449	0.000928
2029 Nov	999	1.11	1.35	0.0466	574	0.155	112	0.000632	0.000632	0.00000386	0.011	0.00246	0.213	0.0178	0.00000579	33.9	0.0000425	0.000873
2029 Dec	999	1.11	1.35	0.0466	574	0.155	112	0.000632	0.000632	0.00000386	0.011	0.00246	0.213	0.0178	0.0000058	33.9	0.0000425	0.000873
2030 Jan	999	1.11	1.35	0.0466	574	0.155	112	0.000632	0.000632	0.00000386	0.011	0.00246	0.213	0.0178	0.0000058	33.9	0.0000425	0.000873
2030 Feb	999	1.11	1.35	0.0466	575	0.155	112	0.000632	0.000632	0.00000386	0.011	0.00246	0.213	0.0178	0.0000058	33.9	0.0000425	0.000873
2030 Mar	1000	1.11	1.35	0.0466	575	0.155	112	0.000632	0.000632	0.00000387	0.011	0.00246	0.213	0.0178	0.0000058	34	0.0000425	0.000873
2030 Apr	1000	1.11	1.35	0.0466	575	0.155	112	0.000632	0.000632	0.00000387	0.011	0.00246	0.213	0.0178	0.0000058	34	0.0000425	0.000874
2030 May	1010	1.12	1.36	0.0469	579	0.156	113	0.000636	0.000636	0.00000389	0.0111	0.00248	0.214	0.0179	0.00000584	34.2	0.0000428	0.000879
2030 Jun	714	0.767	0.959	0.0333	407	0.11	79.2	0.000742	0.000742	0.00000421	0.00978	0.00194	0.153	0.0146	0.00000557	25.6	0.0000383	0.000676
2030 Jul	806	0.855	1.09	0.0377	461	0.119	89.4	0.000703	0.000703	0.00000408	0.00979	0.00206	0.172	0.0142	0.00000564	26.7	0.000041	0.000738
2030 Aug	878	0.934	1.19	0.0412	504	0.129	97.7	0.000679	0.000679	0.00000402	0.00991	0.00218	0.188	0.0145	0.00000572	28.4	0.0000421	0.000786
2030 Sep	910	0.968	1.24	0.0427	523	0.133	101	0.000672	0.000672	0.000004	0.01	0.00223	0.194	0.0147	0.00000577	29.1	0.0000429	0.000809
2030 Oct	940	1	1.28	0.0441	541	0.138	105	0.000658	0.000658	0.00000396	0.0102	0.00228	0.201	0.0149	0.00000579	29.9	0.0000435	0.00083
2030 Nov	943	1.01	1.28	0.0442	542	0.138	105	0.000657	0.000657	0.00000395	0.0102	0.00229	0.201	0.0151	0.00000578	30.1	0.0000435	0.000832
2030 Dec	943	1.01	1.28	0.0442	542	0.138	105	0.000657	0.000657	0.00000395	0.0102	0.00229	0.201	0.0151	0.00000578	30.1	0.0000435	0.000832
2031 Jan	943	1.01	1.28	0.0442	542	0.138	105	0.000657	0.000657	0.00000395	0.0102	0.00229	0.201	0.0151	0.00000578	30.1	0.0000435	0.000832
2031 Feb	943	1.01	1.28	0.0442	542	0.138	105	0.000657	0.000657	0.00000395	0.0102	0.00229	0.201	0.0151	0.00000578	30.1	0.0000435	0.000832
2031 Mar	943	1.01	1.28	0.0442	542	0.138	105	0.000657	0.000657	0.00000395	0.0102	0.00229	0.201	0.0151	0.00000578	30.1	0.0000435	0.000832
2031 Apr	943	1.01	1.28	0.0443	542	0.139	105	0.000657	0.000657	0.00000396	0.0102	0.00229	0.201	0.0151	0.00000579	30.1	0.0000435	0.000833
2031 May	933	0.998	1.27	0.0437	536	0.137	104	0.000663	0.000663	0.00000398	0.0102	0.0023	0.199	0.0159	0.00000579	30.5	0.0000433	0.000832
2031 Jun	874	0.931	1.18	0.0406	499	0.127	97.1	0.000685	0.000685	0.00000404	0.00984	0.00232	0.185	0.0198	0.00000571	32.3	0.000042	0.000823
2031 Jul	885	0.942	1.19	0.0411	505	0.129	98.3	0.000688	0.000688	0.00000406	0.00991	0.00234	0.187	0.0197	0.00000576	32.4	0.0000424	0.00083
2031 Aug	927	0.987	1.25	0.0431	530	0.134	103	0.000674	0.000674	0.00000402	0.01	0.0024	0.196	0.0196	0.0000058	33.1	0.0000432	0.000856
2031 Sep	963	1.03	1.3	0.0448	552	0.14	107	0.000657	0.000657	0.00000396	0.0101	0.00244	0.204	0.0193	0.00000582	33.7	0.0000437	0.000878
2031 Oct	963	1.03	1.3	0.0449	552	0.141	107	0.000652	0.000652	0.00000394	0.0102	0.00244	0.204	0.0191	0.0000058	33.6	0.0000434	0.000874
2031 Nov	962	1.03	1.3	0.0448	551	0.141	107	0.000653	0.000653	0.00000394	0.0102	0.00244	0.204	0.0191	0.0000058	33.6	0.0000433	0.000873
2031 Dec	962	1.03	1.3	0.0448	551	0.141	107	0.000653	0.000653	0.00000394	0.0102	0.00244	0.204	0.0191	0.0000058	33.6	0.0000433	0.000873
2032 Jan	962	1.03	1.3	0.0448	551	0.141	107	0.000653	0.000653	0.00000394	0.0102	0.00244	0.204	0.0191	0.0000058	33.6	0.0000433	0.000873
2032 Feb	962	1.03	1.3	0.0448	551	0.141	107	0.000653	0.000653	0.00000394	0.0102	0.00244	0.204	0.0191	0.0000058	33.6	0.0000433	0.000873
2032 Mar	962	1.03	1.3	0.0448	551	0.141	107	0.000653	0.000653	0.00000394	0.0102	0.00244	0.204	0.0191	0.0000058	33.6	0.0000434	0.000873
2032 Apr	962	1.03	1.3	0.0448	551	0.141	107	0.000653	0.000653	0.00000394	0.0102	0.00244	0.204	0.0191	0.0000058	33.6	0.0000434	0.000873
2032 May	964	1.03	1.3	0.0449	552	0.141	107	0.000654	0.000654	0.00000395	0.0102	0.00244	0.204	0.0192	0.00000581	33.7	0.0000434	0.000875
2032 Jun	610	0.643	0.811	0.0282	345	0.0976	68.5	0.000779	0.000779	0.00000432	0.00762	0.00165	0.13	0.0148	0.00000549	23.6	0.0000303	0.000593
2032 Jul	364	0.371	0.47	0.0167	202	0.068	41.7	0.000865	0.000865	0.00000458	0.00549	0.00105	0.078	0.0112	0.00000527	16.2	0.0000199	0.000388
2032 Aug	258	0.256	0.323	0.0117	141	0.055	29.7	0.000908	0.000908	0.00000472	0.00462	0.000791	0.055	0.00997	0.00000519	13.2	0.0000151	0.000284
2032 Sep	204	0.198	0.25	0.00925	110	0.0484	23.7	0.00093	0.00093	0.00000479	0.00422	0.000658	0.0434	0.00943	0.00000515	11.7	0.0000127	0.00022
2032 Oct	185	0.177	0.223	0.00837	99.3	0.0461	21.6	0.000938	0.000938	0.00000481	0.00407	0.000609	0.0393	0.00924	0.00000514	11.2	0.0000119	0.000197
2032 Nov	186	0.178	0.224	0.0084	99.6	0.0462	21.7	0.000938	0.000938	0.00000481	0.00408	0.000611	0.0394	0.00925	0.00000514	11.3	0.0000119	0.000197
2032 Dec	187	0.178	0.225	0.00842	99.9	0.0462	21.7	0.000937	0.000937	0.00000481	0.00408	0.000612	0.0396	0.00925	0.00000514	11.3	0.000012	0.000198
2033 Jan	187	0.178	0.225	0.00842	99.9	0.0462	21.7	0.000937	0.000937	0.00000481	0.00408	0.000612	0.0396	0.00925	0.00000514	11.3	0.000012	0.000198
2033 Feb	187	0.178	0.225	0.00842	99.9	0.0462	21.7	0.000937	0.000937	0.00000481	0.00408	0.000612	0.0396	0.00925	0.00000514	11.3	0.000012	0.000198
2033 Mar	187	0.178	0.225	0.00842	99.9	0.0462	21.7	0.000937	0.000937	0.00000481	0.00408	0.000612	0.0396	0.00925	0.00000514	11.3	0.000012	0.000198
2033 Apr	187	0.178	0.225	0.00842	100	0.0462	21.7	0.000938	0.000938	0.00000481	0.00408	0.000613	0.0396	0.00926	0.00000514	11.3	0.000012	0.000198
2033 May	188	0.179	0.226	0.00845	100	0.0463	21.9	0.000938	0.000938	0.00000481	0.00411	0.000626	0.0398	0.00951	0.00000514	11.5	0.0000121	0.000202
2033 Jun	187	0.178	0.223	0.00835	99.3	0.0463	22	0.000934	0.000934	0.00000479	0.00412	0.000641	0.0401	0.00982	0.00000513	11.7	0.0000123	0.000209
2033 Jul	167	0.156	0.196	0.00745	88.1	0.044	19.8	0.000944	0.000944	0.00000483	0.00393	0.000591	0.0357	0.00946	0.00000512	11.1	0.0000114	0.000197
2033 Aug	148	0.136	0.171	0.0066	77.4	0.0417	17.7	0.000953	0.000953	0.00000486	0.00378	0.000543	0.0316	0.00918	0.00000512	10.5	0.0000105	0.000179
2033 Sep	136	0.123	0.154	0.00603	70.5	0.0402	16.3	0.000957	0.000957	0.00000487	0.00369	0.000511	0.0291	0.00902	0.0000051	10.2	0.00000999	0.000161
2033 Oct	133	0.12	0.15	0.00588	68.6	0.0399	16.1	0.000956	0.000956	0.00000486	0.00368	0.000503	0.0285	0.00897	0.00000509	10.1	0.00000986	0.000156
2033 Nov	134	0.12	0.15	0.00588	68.7	0.04	16.1	0.000956	0.000956	0.00000486	0.00368	0.000504	0.0286	0.00898	0.00000509	10.1	0.00000987	0.000156
2033 Dec	134	0.12	0.15	0.00588	68.7	0.04	16.1	0.000956	0.000956	0.00000486	0.00368	0.000504	0.0286	0.00898	0.00000509	10.1	0.00000987	0.000156
2034 Jan	134	0.12	0.15	0.00588	68.7	0.04	16.1	0.000956	0.000956	0.00000486	0.00368	0.000504	0.0286	0.00898	0.00000509	10.1	0.00000987	0.000156
2034 Feb	134	0.12	0.15	0.00588	68.7	0.04	16.1	0.000956	0.000956	0.00000486	0.00368	0.000504	0.0286	0.00898	0.00000509	10.1	0.00000987	0.000156
2034 Mar	134	0.12	0.15	0.00588	68.7	0.04	16.1	0.000956	0.000956	0.00000486	0.00368	0.000504	0.0286	0.00898	0.00000509	10.1	0.00000987	0.000156
2034 Apr	134	0.12	0.15	0.00588	68.7	0.04	16.1	0.000956	0.000956	0.00000486	0.00368	0.000504	0.0286	0.00898	0.00000509	10.1	0.00000987	0.000156
2034 May	134	0.12	0.15	0.0059	68.9	0.04	16.1	0.000956	0.000956	0.00000487	0.00369	0.000506	0.0287	0.00903	0.00000509	10.1	0.0000099	0.000157

Appendix C.2-25: FZONE01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Jun	133	0.119	0.148	0.00581	67.9	0.0399	16.1	0.000955	0.000955	0.00000486	0.00369	0.000512	0.0286	0.00916	0.00000509	10.2	0.00000995	0.00016
2034 Jul	126	0.111	0.139	0.0055	63.9	0.0391	15.3	0.000959	0.000959	0.00000487	0.00362	0.000495	0.0271	0.00901	0.00000509	9.98	0.00000965	0.000158
2034 Aug	117	0.102	0.127	0.00511	59.1	0.0381	14.3	0.000965	0.000965	0.00000489	0.00355	0.000472	0.0251	0.00888	0.00000509	9.7	0.00000926	0.000149
2034 Sep	111	0.0956	0.119	0.00483	55.7	0.0373	13.7	0.000966	0.000966	0.0000049	0.00351	0.000456	0.0239	0.00879	0.00000508	9.52	0.00000898	0.000139
2034 Oct	109	0.0933	0.116	0.00473	54.4	0.0371	13.4	0.000966	0.000966	0.00000489	0.0035	0.00045	0.0235	0.00876	0.00000508	9.46	0.00000889	0.000136
2034 Nov	109	0.0933	0.116	0.00473	54.4	0.0371	13.5	0.000966	0.000966	0.0000049	0.0035	0.00045	0.0235	0.00876	0.00000508	9.47	0.0000089	0.000136
2034 Dec	109	0.0933	0.116	0.00473	54.4	0.0371	13.5	0.000966	0.000966	0.0000049	0.0035	0.00045	0.0235	0.00876	0.00000508	9.47	0.0000089	0.000136
2035 Jan	109	0.0933	0.116	0.00473	54.4	0.0371	13.5	0.000966	0.000966	0.0000049	0.0035	0.00045	0.0235	0.00876	0.00000508	9.47	0.0000089	0.000136
2035 Feb	109	0.0933	0.116	0.00473	54.4	0.0371	13.5	0.000966	0.000966	0.0000049	0.0035	0.00045	0.0235	0.00876	0.00000508	9.47	0.0000089	0.000136
2035 Mar	109	0.0933	0.116	0.00473	54.4	0.0371	13.5	0.000966	0.000966	0.0000049	0.0035	0.00045	0.0235	0.00876	0.00000508	9.47	0.0000089	0.000136
2035 Apr	109	0.0934	0.116	0.00473	54.4	0.0371	13.5	0.000966	0.000966	0.0000049	0.0035	0.00045	0.0235	0.00876	0.00000508	9.47	0.0000089	0.000136
2035 May	109	0.0935	0.116	0.00473	54.5	0.0372	13.5	0.000967	0.000967	0.0000049	0.0035	0.000451	0.0235	0.00878	0.00000508	9.48	0.00000891	0.000136
2035 Jun	109	0.0928	0.115	0.0047	54.1	0.0371	13.5	0.000964	0.000964	0.00000489	0.00352	0.000456	0.0236	0.00884	0.00000507	9.54	0.000009	0.000139
2035 Jul	105	0.0885	0.11	0.00452	51.8	0.0367	13.1	0.000966	0.000966	0.0000049	0.00347	0.000447	0.0228	0.00874	0.00000507	9.39	0.00000884	0.000138
2035 Aug	100	0.0837	0.104	0.00432	49.3	0.0362	12.6	0.000969	0.000969	0.00000491	0.00344	0.000435	0.0218	0.00867	0.00000507	9.24	0.00000863	0.000134
2035 Sep	96.9	0.0801	0.0989	0.00416	47.4	0.0358	12.2	0.000969	0.000969	0.0000049	0.00342	0.000426	0.0212	0.00862	0.00000506	9.14	0.00000847	0.000128
2035 Oct	95.1	0.0782	0.0965	0.00408	46.4	0.0356	12	0.000969	0.000969	0.0000049	0.00341	0.000421	0.0208	0.0086	0.00000506	9.1	0.00000839	0.000125
2035 Nov	95.4	0.0785	0.0968	0.00409	46.5	0.0356	12.1	0.000969	0.000969	0.0000049	0.00341	0.000422	0.0209	0.0086	0.00000506	9.11	0.00000841	0.000125
2035 Dec	95.4	0.0785	0.0968	0.00409	46.5	0.0356	12.1	0.000969	0.000969	0.0000049	0.00341	0.000422	0.0209	0.0086	0.00000506	9.11	0.00000841	0.000125
2036 Jan	95.4	0.0785	0.0968	0.00409	46.5	0.0356	12.1	0.000969	0.000969	0.0000049	0.00341	0.000422	0.0209	0.0086	0.00000506	9.11	0.00000841	0.000125
2036 Feb	95.4	0.0785	0.0968	0.00409	46.5	0.0356	12.1	0.000969	0.000969	0.0000049	0.00341	0.000422	0.0209	0.0086	0.00000506	9.11	0.00000841	0.000125
2036 Mar	95.4	0.0785	0.0968	0.00409	46.5	0.0356	12.1	0.000969	0.000969	0.0000049	0.00341	0.000422	0.0209	0.0086	0.00000506	9.11	0.00000841	0.000125
2036 Apr	95.4	0.0785	0.0968	0.00409	46.5	0.0356	12.1	0.000969	0.000969	0.0000049	0.00341	0.000422	0.0209	0.0086	0.00000506	9.11	0.00000841	0.000125
2036 May	95.5	0.0786	0.0969	0.00409	46.5	0.0356	12.1	0.000969	0.000969	0.0000049	0.00341	0.000423	0.0209	0.00861	0.00000506	9.12	0.00000842	0.000125
2036 Jun	94.6	0.0776	0.0956	0.00405	46	0.0355	12	0.000969	0.000969	0.0000049	0.00341	0.000423	0.0208	0.0086	0.00000506	9.1	0.00000844	0.000126
2036 Jul	91.8	0.0746	0.0919	0.00392	44.4	0.0352	11.7	0.00097	0.00097	0.0000049	0.00339	0.000417	0.0202	0.00854	0.00000506	9	0.00000833	0.000126
2036 Aug	88.5	0.0711	0.0876	0.00378	42.6	0.0348	11.3	0.000973	0.000973	0.00000492	0.00336	0.000408	0.0194	0.00849	0.00000506	8.9	0.00000818	0.000123
2036 Sep	85.8	0.0682	0.0838	0.00365	41.1	0.0345	11	0.000974	0.000974	0.00000492	0.00334	0.0004	0.0188	0.00846	0.00000506	8.81	0.00000804	0.000118
2036 Oct	84.6	0.0669	0.0821	0.0036	40.4	0.0343	10.9	0.000974	0.000974	0.00000492	0.00333	0.000396	0.0186	0.00844	0.00000505	8.78	0.00000798	0.000115
2036 Nov	84.7	0.067	0.0822	0.0036	40.4	0.0343	10.9	0.000974	0.000974	0.00000492	0.00333	0.000397	0.0186	0.00844	0.00000505	8.78	0.00000799	0.000116
2036 Dec	84.7	0.067	0.0822	0.0036	40.4	0.0343	10.9	0.000974	0.000974	0.00000492	0.00334	0.000397	0.0186	0.00844	0.00000505	8.78	0.00000799	0.000116
2037 Jan	84.7	0.067	0.0822	0.0036	40.4	0.0343	10.9	0.000974	0.000974	0.00000492	0.00334	0.000397	0.0186	0.00844	0.00000505	8.78	0.00000799	0.000116
2037 Feb	84.7	0.067	0.0822	0.0036	40.4	0.0343	10.9	0.000974	0.000974	0.00000492	0.00334	0.000397	0.0186	0.00844	0.00000505	8.78	0.00000799	0.000116
2037 Mar	84.7	0.067	0.0822	0.0036	40.4	0.0343	10.9	0.000974	0.000974	0.00000492	0.00334	0.000397	0.0186	0.00844	0.00000505	8.78	0.00000799	0.000116
2037 Apr	84.7	0.067	0.0822	0.0036	40.4	0.0343	10.9	0.000974	0.000974	0.00000492	0.00334	0.000397	0.0186	0.00844	0.00000505	8.78	0.00000799	0.000116
2037 May	84.8	0.0671	0.0823	0.0036	40.4	0.0343	10.9	0.000974	0.000974	0.00000492	0.00334	0.000399	0.0187	0.0085	0.00000505	8.83	0.00000802	0.000116
2037 Jun	84.5	0.0666	0.0816	0.00357	40.1	0.0343	10.9	0.000972	0.000972	0.00000491	0.00334	0.000402	0.0187	0.00854	0.00000505	8.86	0.00000805	0.000118
2037 Jul	82.3	0.0644	0.0788	0.00348	38.9	0.034	10.6	0.000974	0.000974	0.00000492	0.00332	0.000397	0.0181	0.0085	0.00000505	8.78	0.00000795	0.000118
2037 Aug	79.9	0.0619	0.0757	0.00338	37.7	0.0337	10.4	0.000976	0.000976	0.00000493	0.0033	0.00039	0.0176	0.00846	0.00000505	8.7	0.00000783	0.000115
2037 Sep	77.8	0.0596	0.0728	0.00328	36.5	0.0334	10.1	0.000978	0.000978	0.00000493	0.00328	0.000383	0.0171	0.00843	0.00000505	8.64	0.00000772	0.000111
2037 Oct	76.7	0.0585	0.0714	0.00323	35.9	0.0333	9.95	0.000978	0.000978	0.00000493	0.00328	0.00038	0.0168	0.00842	0.00000505	8.6	0.00000767	0.000109
2037 Nov	76.7	0.0585	0.0714	0.00323	35.9	0.0333	9.95	0.000978	0.000978	0.00000493	0.00328	0.00038	0.0168	0.00842	0.00000505	8.6	0.00000767	0.000109
2037 Dec	76.7	0.0585	0.0714	0.00323	35.9	0.0333	9.95	0.000978	0.000978	0.00000493	0.00328	0.00038	0.0168	0.00842	0.00000505	8.6	0.00000767	0.000109
2038 Jan	76.7	0.0585	0.0714	0.00323	35.9	0.0333	9.95	0.000978	0.000978	0.00000493	0.00328	0.00038	0.0168	0.00842	0.00000505	8.6	0.00000767	0.000109
2038 Feb	76.7	0.0585	0.0714	0.00323	35.9	0.0333	9.95	0.000978	0.000978	0.00000493	0.00328	0.00038	0.0168	0.00842	0.00000505	8.6	0.00000767	0.000109
2038 Mar	76.7	0.0585	0.0714	0.00323	35.9	0.0333	9.95	0.000978	0.000978	0.00000493	0.00328	0.00038	0.0168	0.00842	0.00000505	8.6	0.00000767	0.000109
2038 Apr	76.8	0.0585	0.0714	0.00323	35.9	0.0333	9.95	0.000978	0.000978	0.00000493	0.00328	0.00038	0.0168	0.00842	0.00000505	8.6	0.00000767	0.000109
2038 May	76.8	0.0586	0.0714	0.00323	35.9	0.0333	9.96	0.000978	0.000978	0.00000494	0.00328	0.000381	0.0168	0.00844	0.00000505	8.62	0.00000768	0.000109
2038 Jun	76.1	0.0578	0.0704	0.0032	35.5	0.0332	9.86	0.000978	0.000978	0.00000493	0.00328	0.000382	0.0166	0.00848	0.00000505	8.64	0.00000768	0.00011
2038 Jul	74.4	0.0562	0.0683	0.00313	34.6	0.033	9.65	0.00098	0.00098	0.00000494	0.00326	0.000378	0.0162	0.00845	0.00000506	8.58	0.00000761	0.00011
2038 Aug	73.8	0.0555	0.0674	0.0031	34.2	0.0329	9.56	0.000982	0.000982	0.00000495	0.00326	0.000376	0.016	0.00845	0.00000506	8.56	0.00000758	0.00011
2038 Sep	73.8	0.0555	0.0674	0.0031	34.2	0.0329	9.57	0.000982	0.000982	0.00000495	0.00326	0.000377	0.016	0.00845	0.00000506	8.57	0.00000759	0.00011
2038 Oct	73.8	0.0555	0.0674	0.0031	34.2	0.0329	9.57	0.000982	0.000982	0.00000495	0.00326	0.000377	0.016	0.00845	0.00000506	8.57	0.00000759	0.00011
2038 Nov	73.8	0.0555	0.0674	0.0031	34.2	0.033	9.57	0.000982	0.000982	0.00000495	0.00326	0.000377	0.016	0.00846	0.00000506	8.57	0.00000759	0.00011
2038 Dec	73.8	0.0555	0.0674	0.0031	34.2	0.033	9.57	0.000982	0.000982	0.00000495	0.00326	0.000377	0.016	0.00846	0.00000506	8.57	0.00000759	0.00011

Appendix C.2-25: FZONE01

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.00003	0.000248	0.0013	0.0000016	0.594	1.24	0.00823	0.000237	22.6	0.000987	0.000257	0.00000375	0.00014	0.000057	0.0218	5.71E-08	0.000181	0.0000777	0.00013	0.000349
Operation (2024-2031): Mean	0.000355	0.00286	0.0689	0.0000215	6.23	12.6	0.0844	0.00247	215	0.00991	0.00903	0.0000668	0.00137	0.000562	0.245	0.00000182	0.00174	0.000912	0.00216	0.00328
Operation (2024-2031): Max	0.000518	0.00446	0.0933	0.0000317	10.2	20.9	0.135	0.00407	370	0.0166	0.0111	0.000216	0.00229	0.000952	0.385	0.00000219	0.00298	0.00126	0.00274	0.00569
Active Closure (2032-2038): Min	0.000105	0.0009	0.0192	0.00000209	1.22	1.87	0.00951	0.000225	15.1	0.00109	0.00469	0.0000523	0.000112	0.0000753	0.0449	0.00000182	0.000127	0.000136	0.000912	0.000212
Active Closure (2032-2038): Mean	0.000139	0.00113	0.0255	0.00000432	1.83	3.17	0.0193	0.000484	39	0.00215	0.00512	0.0000642	0.000267	0.000135	0.0692	0.00000197	0.000321	0.000238	0.00107	0.000582
Active Closure (2032-2038): Max	0.000423	0.00304	0.0808	0.0000225	6.73	13.8	0.1	0.00257	231	0.0107	0.00886	0.000164	0.00151	0.000612	0.269	0.000002	0.00187	0.00108	0.00234	0.00354
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2038)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun																				
2026 Jul																				
2026 Aug																				
2026 Sep																				
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun																				
2027 Jul																				
2027 Aug																				
2027 Sep																				
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				
2028 Apr																				
2028 May	0.00003	0.000248	0.0013	0.0000016	0.594	1.24	0.00823	0.000237	22.6	0.000987	0.000257	0.00000375	0.00014	0.000057	0.0218	5.71E-08	0.000181	0.0000777	0.00013	0.000349
2028 Jun	0.000304	0.00243	0.0615	0.0000197	5.45	11	0.0764	0.00202	189	0.0088	0.00783	0.0000842	0.0013	0.000498	0.21	0.00000175	0.00153	0.000951	0.00242	0.00289
2028 Jul	0.000405	0.00343	0.0728	0.000026	7.6	15.4	0.102	0.0029	269	0.0123	0.00927	0.0000864	0.00175	0.0007	0.29	0.00000208	0.00217	0.00108	0.00266	0.00413
2028 Aug	0.000518	0.00446	0.0581	0.0000317	10.2	20.9	0.135	0.00407	370	0.0166	0.00893	0.0000418	0.00229	0.000952	0.385	0.00000206	0.00298	0.00125	0.00274	0.00569
2028 Sep	0.000514	0.0044	0.0623	0.0000306	9.89	20.3	0.13	0.00404	357	0.016	0.00993	0.0000239	0.0022	0.000915	0.377	0.00000197	0.00289	0.00126	0.00261	0.00549
2028 Oct	0.000306	0.00256	0.0733	0.0000191	5.24	10.6	0.0664	0.0022	173	0.00812	0.0101	0.0000202	0.00106	0.000455	0.215	0.00000185	0.00142	0.000699	0.00175	0.00263

Appendix C.2-25: FZONE01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Nov	0.000278	0.00231	0.0768	0.0000177	4.58	9.15	0.0572	0.00194	146	0.00697	0.0103	0.00002	0.000893	0.000388	0.192	0.00000188	0.00121	0.000618	0.00165	0.0022
2028 Dec	0.000278	0.00231	0.0768	0.0000177	4.58	9.15	0.0572	0.00194	146	0.00697	0.0103	0.00002	0.000893	0.000388	0.192	0.00000188	0.00121	0.000618	0.00165	0.0022
2029 Jan	0.000278	0.00231	0.0768	0.0000177	4.58	9.15	0.0572	0.00194	146	0.00697	0.0103	0.00002	0.000893	0.000388	0.192	0.00000188	0.00121	0.000618	0.00165	0.0022
2029 Feb	0.000278	0.00231	0.0768	0.0000177	4.58	9.15	0.0572	0.00194	146	0.00697	0.0103	0.00002	0.000893	0.000388	0.192	0.00000188	0.00121	0.000618	0.00165	0.0022
2029 Mar	0.000278	0.00231	0.0768	0.0000177	4.58	9.15	0.0572	0.00194	146	0.00697	0.0103	0.00002	0.000893	0.000388	0.192	0.00000188	0.00121	0.000618	0.00165	0.00221
2029 Apr	0.000278	0.00231	0.0768	0.0000177	4.58	9.16	0.0572	0.00194	146	0.00698	0.0103	0.00002	0.000894	0.000388	0.192	0.00000188	0.00121	0.000619	0.00165	0.00221
2029 May	0.00028	0.00232	0.0772	0.0000178	4.6	9.19	0.0575	0.00195	146	0.007	0.0104	0.0000211	0.000897	0.00039	0.193	0.00000188	0.00121	0.000622	0.00165	0.00221
2029 Jun	0.000313	0.00234	0.0933	0.0000194	4.76	9.44	0.0665	0.00184	148	0.00728	0.0111	0.000101	0.00101	0.000406	0.2	0.00000219	0.00123	0.000832	0.00227	0.00224
2029 Jul	0.000299	0.00244	0.0653	0.0000199	5.39	10.8	0.0742	0.002	185	0.00866	0.0082	0.0000804	0.00127	0.00049	0.208	0.00000184	0.0015	0.000901	0.00239	0.00283
2029 Aug	0.000383	0.00323	0.0606	0.0000243	7.26	14.7	0.0976	0.00282	258	0.0118	0.0083	0.0000617	0.00166	0.000671	0.277	0.00000188	0.00208	0.00102	0.00247	0.00396
2029 Sep	0.000484	0.00413	0.0651	0.000029	9.2	18.9	0.12	0.00377	330	0.0149	0.0101	0.0000252	0.00203	0.000846	0.354	0.00000198	0.00267	0.00118	0.00251	0.00506
2029 Oct	0.000399	0.00339	0.0662	0.0000241	7.35	15	0.0953	0.00304	258	0.0117	0.00977	0.0000214	0.00158	0.000665	0.288	0.00000184	0.0021	0.000958	0.00211	0.00395
2029 Nov	0.000377	0.0032	0.0657	0.0000229	6.89	14.1	0.0891	0.00285	240	0.011	0.00959	0.0000208	0.00148	0.000621	0.271	0.0000018	0.00196	0.0009	0.00201	0.00368
2029 Dec	0.000377	0.0032	0.0657	0.0000229	6.89	14.1	0.0891	0.00285	240	0.011	0.0096	0.0000208	0.00148	0.000621	0.271	0.0000018	0.00196	0.0009	0.00201	0.00368
2030 Jan	0.000377	0.0032	0.0657	0.0000229	6.89	14.1	0.0891	0.00285	240	0.011	0.0096	0.0000208	0.00148	0.000621	0.271	0.0000018	0.00196	0.0009	0.00201	0.00368
2030 Feb	0.000377	0.0032	0.0657	0.0000229	6.89	14.1	0.0891	0.00285	240	0.011	0.0096	0.0000208	0.00148	0.000621	0.271	0.0000018	0.00196	0.0009	0.00201	0.00368
2030 Mar	0.000378	0.0032	0.0657	0.0000229	6.89	14.1	0.0891	0.00285	240	0.011	0.0096	0.0000208	0.00148	0.000621	0.271	0.0000018	0.00196	0.000901	0.00201	0.00368
2030 Apr	0.000378	0.0032	0.0657	0.0000229	6.9	14.1	0.0892	0.00286	240	0.011	0.00961	0.0000208	0.00148	0.000622	0.271	0.0000018	0.00196	0.000901	0.00201	0.00368
2030 May	0.00038	0.00322	0.0662	0.000023	6.94	14.2	0.0898	0.00287	242	0.011	0.00967	0.0000209	0.00149	0.000625	0.273	0.00000181	0.00197	0.000907	0.00203	0.0037
2030 Jun	0.00029	0.00235	0.0686	0.0000191	5.08	10.1	0.0687	0.00194	170	0.00805	0.00891	0.0000634	0.00116	0.000453	0.2	0.00000186	0.00139	0.000849	0.00226	0.0026
2030 Jul	0.000311	0.00254	0.0649	0.0000204	5.62	11.3	0.0768	0.00212	193	0.00902	0.00845	0.0000716	0.00131	0.00051	0.217	0.00000184	0.00157	0.00093	0.0024	0.00296
2030 Aug	0.000331	0.00273	0.0637	0.0000214	6.07	12.3	0.0826	0.00231	211	0.00979	0.00838	0.0000699	0.00141	0.000554	0.233	0.00000183	0.00171	0.000959	0.00241	0.00324
2030 Sep	0.00034	0.00281	0.0631	0.0000219	6.27	12.7	0.0852	0.0024	219	0.0101	0.00839	0.0000684	0.00146	0.000574	0.241	0.00000183	0.00178	0.000978	0.00243	0.00336
2030 Oct	0.000349	0.0029	0.0626	0.0000222	6.46	13.1	0.0874	0.00249	227	0.0104	0.00843	0.0000646	0.00149	0.000592	0.248	0.00000182	0.00184	0.000988	0.00242	0.00348
2030 Nov	0.00035	0.00291	0.0627	0.0000223	6.48	13.1	0.0875	0.00251	227	0.0104	0.00848	0.0000627	0.00149	0.000593	0.249	0.00000182	0.00184	0.000984	0.0024	0.00349
2030 Dec	0.00035	0.00291	0.0627	0.0000223	6.48	13.1	0.0875	0.00251	227	0.0105	0.00848	0.0000627	0.00149	0.000593	0.249	0.00000182	0.00184	0.000984	0.0024	0.00349
2031 Jan	0.00035	0.00291	0.0627	0.0000223	6.48	13.1	0.0875	0.00251	227	0.0105	0.00848	0.0000627	0.00149	0.000593	0.249	0.00000182	0.00184	0.000984	0.0024	0.00349
2031 Feb	0.00035	0.00291	0.0627	0.0000223	6.48	13.1	0.0875	0.00251	227	0.0105	0.00848	0.0000627	0.00149	0.000593	0.249	0.00000182	0.00184	0.000984	0.0024	0.00349
2031 Mar	0.00035	0.00291	0.0627	0.0000223	6.48	13.1	0.0875	0.00251	227	0.0105	0.00848	0.0000627	0.00149	0.000593	0.249	0.00000182	0.00184	0.000984	0.0024	0.00349
2031 Apr	0.00035	0.00291	0.0627	0.0000223	6.48	13.1	0.0875	0.00251	227	0.0105	0.00848	0.0000627	0.00149	0.000593	0.249	0.00000182	0.00184	0.000985	0.0024	0.00349
2031 May	0.000362	0.0029	0.0671	0.0000221	6.44	13.1	0.0893	0.00248	225	0.0104	0.00857	0.0000868	0.00148	0.000589	0.25	0.00000183	0.00182	0.001	0.0024	0.00345
2031 Jun	0.000423	0.00281	0.0895	0.0000212	6.2	12.7	0.0979	0.0023	209	0.00978	0.00887	0.000216	0.00139	0.000561	0.253	0.00000184	0.00169	0.0011	0.00237	0.00319
2031 Jul	0.000423	0.00284	0.089	0.0000214	6.27	12.8	0.0984	0.00233	212	0.0099	0.0089	0.000212	0.00141	0.000568	0.255	0.00000185	0.00171	0.0011	0.00239	0.00323
2031 Aug	0.000429	0.00294	0.0864	0.000022	6.52	13.3	0.101	0.00244	222	0.0103	0.00883	0.000201	0.00147	0.000593	0.263	0.00000184	0.0018	0.00111	0.00241	0.0034
2031 Sep	0.00043	0.00302	0.0828	0.0000225	6.73	13.8	0.102	0.00255	231	0.0107	0.00877	0.000182	0.00151	0.000613	0.27	0.00000183	0.00187	0.00111	0.00239	0.00354
2031 Oct	0.000423	0.00303	0.0807	0.0000224	6.72	13.7	0.1	0.00257	231	0.0107	0.00883	0.000164	0.00151	0.000612	0.269	0.00000182	0.00187	0.00108	0.00234	0.00354
2031 Nov	0.000422	0.00303	0.0806	0.0000224	6.71	13.7	0.1	0.00257	231	0.0107	0.00884	0.000163	0.0015	0.000611	0.269	0.00000182	0.00187	0.00108	0.00234	0.00353
2031 Dec	0.000422	0.00303	0.0806	0.0000224	6.71	13.7	0.1	0.00257	231	0.0107	0.00884	0.000163	0.0015	0.000611	0.269	0.00000182	0.00187	0.00108	0.00234	0.00353
2032 Jan	0.000422	0.00303	0.0806	0.0000224	6.71	13.7	0.1	0.00257	231	0.0107	0.00884	0.000163	0.0015	0.000611	0.269	0.00000182	0.00187	0.00108	0.00234	0.00353
2032 Feb	0.000422	0.00303	0.0806	0.0000224	6.71	13.7	0.1	0.00257	231	0.0107	0.00884	0.000163	0.0015	0.000611	0.269	0.00000182	0.00187	0.00108	0.00234	0.00353
2032 Mar	0.000422	0.00303	0.0806	0.0000224	6.71	13.7	0.1	0.00257	231	0.0107	0.00884	0.000163	0.0015	0.000611	0.269	0.00000182	0.00187	0.00108	0.00234	0.00353
2032 Apr	0.000422	0.00303	0.0807	0.0000224	6.71	13.7	0.1	0.00257	231	0.0107	0.00884	0.000163	0.0015	0.000611	0.269	0.00000182	0.00187	0.00108	0.00234	0.00353
2032 May	0.000423	0.00304	0.0808	0.0000225	6.73	13.8	0.1	0.00257	231	0.0107	0.00886	0.000164	0.00151	0.000612	0.269	0.00000182	0.00187	0.00108	0.00234	0.00354
2032 Jun	0.000291	0.00219	0.0598	0.0000149	4.53	9.02	0.0649	0.00164	145	0.00695	0.00739	0.000127	0.000968	0.0004	0.18	0.00000188	0.00118	0.000736	0.00185	0.00223
2032 Jul	0.00019	0.00161	0.0391	0.00000901	2.99	5.7	0.0385	0.00099	85.1	0.00431	0.00604	0.0000877	0.000582	0.000252	0.115	0.00000192	0.000706	0.000456	0.00142	0.00132
2032 Aug	0.000155	0.00134	0.0304	0.00000637	2.32	4.25	0.0271	0.000705	59.6	0.00311	0.00544	0.0000686	0.000406	0.000186	0.0879	0.00000195	0.00049	0.000328	0.00122	0.000907
2032 Sep	0.000142	0.00119	0.0258	0.000005	2	3.53	0.0214	0.00056	46.8	0.00248	0.00516	0.000058	0.000316	0.000152	0.075	0.00000196	0.000381	0.000262	0.00112	0.000698
2032 Oct	0.000137	0.00115	0.0242	0.00000452	1.89	3.28	0.0193	0.000509	42.3	0.00226	0.0051	0.0000563	0.000285	0.00014	0.0705	0.00000197	0.000342	0.000239	0.00109	0.000624
2032 Nov	0.000137	0.00115	0.0242	0.00000454	1.89	3.29	0.0194	0.000511	42.4	0.00226	0.0051	0.0000563	0.000286	0.000141	0.0706	0.00000197	0.000343	0.00024	0.00109	0.000626
2032 Dec	0.000138	0.00115	0.0242	0.00000455	1.89	3.3	0.0194	0.000513	42.6	0.00227	0.00511	0.0000562	0.000286	0.000141	0.0708	0.00000197	0.000344	0.00024	0.00109	0.000629
2033 Jan	0.000138	0.00115	0.0242	0.00000455	1.89	3.3	0.0194	0.000513	42.6	0.00227	0.00511	0.0000562	0.000286	0.000141	0.0708	0.00000197	0.000344	0.00024	0.00109	0.000629
2033 Feb	0.000138	0.00115	0.0242	0.00000455	1.89	3.3	0.0194	0.000513	42.6	0.00227	0.00511	0.0000562	0.000286	0.000141	0.0708	0.00000197	0.000344	0.00024	0.00109	0.000629
2033 Mar	0.000138	0.00115	0.0242	0.00000455	1.89	3.3	0.0194	0.000513	42.6	0.00227	0.00511	0.0000562	0.000286	0.000141	0.0708	0.00000197	0.000344	0.00024	0.00109	0.000629
2033 Apr	0.000138	0.00115	0.0242	0.00000455	1.89	3.3	0.0194	0.000513	42.6	0.00227	0.00511	0.0000562	0.000287	0.000141	0.0708	0.00000197	0.000344	0.00024	0.00109	0.000629
2033 May	0.000142	0.00116	0.0258	0.00000463	1.91	3.34	0.0203	0.000517	42.8	0.00229	0.00516	0.000063	0.00029	0.000143	0.0722	0.00000197	0.000347	0.00025	0.0011	0.000633
2033 Jun	0.000147	0.00117	0.0279	0.00000471	1.92	3.39	0.0216	0.000519	42.3	0.00232	0.0052	0.0000737	0.000293	0.000144	0.0736	0.00000196	0.00035	0.000264	0.0011	0.000638
2033 Jul	0.000136	0.00113	0.0261	0.00000423	1.79	3.1	0.0192	0.000467	37.6	0.00211	0.00509	0.0000703	0.000261	0.000132	0.0678	0.00000197	0.000311	0.000241	0.00107	0.000564
2033 Aug	0.000128	0.00108	0.0242	0.00000375	1.67	2.84	0.017	0.000415	33.1	0.0019	0.00498	0.0000649	0.00023	0.00012	0.0627	0.00000198	0.000272	0.000216	0.00103	0.00049
2033 Sep	0.000126	0.00104	0.0227	0.00000343	1.6	2.68	0.0156	0.000384	30.3	0.00175	0.0049	0.00006	0.000209	0.000112	0.0598	0.00000198	0.000248	0.000199	0.00101	0.000444
2033 Oct	0.000125	0.00103	0.0223	0.00000336	1.58	2.64	0.0151	0.000378	29.5	0.00171	0.0049	0.0000586	0.000204	0.000111	0.0592	0.00000197	0.000242	0.000193	0.001	0.000434
2033 Nov	0.000125	0.00103	0.0224	0.00000337	1.59	2.64	0.0151	0.000379	29.5	0.00172	0.00491	0.0000585	0.000205	0.000111	0.0592	0.00000197	0.000243	0.000193	0.001	0.000435
2033 Dec	0.000125	0.00103	0.0224	0.00000337	1.59	2.64	0.0151	0.000379	29.5	0.00172	0.00491	0.0000585	0.000205	0.000111	0.0592	0.00000197	0.000243	0.000193	0.001	0.000435
2034 Jan	0.000125	0.00103	0.0224	0.00000337	1.59	2.64	0.0151	0.000379	29.5	0.00172	0.00491	0.0000585	0.000205	0.000111	0.0592	0.00000197	0.000243	0.000193	0.001	0.000435
2034 Feb	0.000125	0.00103	0.0224	0.00000337	1.59	2.64	0.0151	0.000379	29.5	0.00172	0.00491	0.0000585	0.000205	0.000111	0.0592	0.00000197	0.000243	0.000193	0.001	0.000435
2034 Mar	0.000125	0.00103	0.0224	0.00000337	1.59	2.64	0.0151	0.000379	29.5	0.00172	0.00491	0.0000585	0.000205	0.000111	0.0592	0.00000197	0.000243	0.000193	0.001	0.000435
2034 Apr	0.000125	0.00103	0.0224	0.00000337	1.59	2.64	0.0151	0.000379	29.5	0.00172	0.00491	0.0000586	0.000205	0.000111	0.0592	0.00000197	0.000243	0.000193	0.001	0.000435
2034 May	0.000126	0.00104	0.0226	0.00000339	1.59	2.65	0.0153	0.00038	29.6	0.00172	0.00492	0.0000595	0.000206	0.000111	0.0595	0.00000198	0.000244	0.000195	0.001	0.000436

Appendix C.2-25: FZONE01

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Jun	0.000128	0.00104	0.0237	0.00000342	1.59	2.66	0.0158	0.000379	29.2	0.00173	0.00494	0.0000646	0.000206	0.000111	0.0599	0.00000197	0.000243	0.000201	0.00101	0.000434
2034 Jul	0.000123	0.00103	0.023	0.00000326	1.54	2.56	0.0149	0.000361	27.5	0.00166	0.0049	0.0000633	0.000195	0.000107	0.0578	0.00000198	0.00023	0.000193	0.000993	0.00041
2034 Aug	0.000119	0.001	0.0221	0.00000303	1.49	2.44	0.0139	0.000337	25.5	0.00156	0.00485	0.0000606	0.00018	0.000101	0.0553	0.00000198	0.000212	0.000181	0.000978	0.000375
2034 Sep	0.000118	0.000984	0.0213	0.00000287	1.45	2.35	0.0131	0.000321	24.1	0.00148	0.00481	0.0000577	0.00017	0.0000976	0.0539	0.00000198	0.0002	0.000172	0.000966	0.000352
2034 Oct	0.000118	0.000978	0.021	0.00000282	1.44	2.33	0.0128	0.000316	23.5	0.00146	0.00481	0.0000569	0.000167	0.0000963	0.0534	0.00000198	0.000196	0.000169	0.00096	0.000344
2034 Nov	0.000118	0.000978	0.021	0.00000282	1.44	2.33	0.0128	0.000317	23.5	0.00146	0.00481	0.0000569	0.000167	0.0000963	0.0535	0.00000198	0.000196	0.000169	0.00096	0.000344
2034 Dec	0.000118	0.000978	0.021	0.00000282	1.44	2.33	0.0128	0.000317	23.5	0.00146	0.00481	0.0000569	0.000167	0.0000963	0.0535	0.00000198	0.000196	0.000169	0.00096	0.000344
2035 Jan	0.000118	0.000978	0.021	0.00000282	1.44	2.33	0.0128	0.000317	23.5	0.00146	0.00481	0.0000569	0.000167	0.0000963	0.0535	0.00000198	0.000196	0.000169	0.00096	0.000344
2035 Feb	0.000118	0.000978	0.021	0.00000282	1.44	2.33	0.0128	0.000317	23.5	0.00146	0.00481	0.0000569	0.000167	0.0000963	0.0535	0.00000198	0.000196	0.000169	0.00096	0.000344
2035 Mar	0.000118	0.000978	0.021	0.00000282	1.44	2.33	0.0128	0.000317	23.5	0.00146	0.00481	0.0000569	0.000167	0.0000963	0.0535	0.00000198	0.000196	0.000169	0.00096	0.000344
2035 Apr	0.000118	0.000979	0.021	0.00000282	1.44	2.33	0.0128	0.000317	23.6	0.00146	0.00481	0.0000569	0.000167	0.0000963	0.0535	0.00000198	0.000196	0.000169	0.000961	0.000345
2035 May	0.000118	0.000979	0.0211	0.00000283	1.44	2.33	0.0129	0.000317	23.6	0.00146	0.00481	0.0000571	0.000167	0.0000965	0.0535	0.00000198	0.000196	0.000169	0.000961	0.000345
2035 Jun	0.000119	0.000981	0.0217	0.00000288	1.45	2.34	0.0132	0.000318	23.4	0.00147	0.00483	0.0000596	0.000169	0.0000969	0.0539	0.00000198	0.000197	0.000174	0.000967	0.000347
2035 Jul	0.000116	0.000974	0.0214	0.00000279	1.42	2.29	0.0127	0.000308	22.4	0.00144	0.00481	0.0000591	0.000163	0.0000946	0.0526	0.00000198	0.00019	0.000169	0.00096	0.000333
2035 Aug	0.000114	0.000963	0.0208	0.00000267	1.39	2.22	0.0121	0.000296	21.4	0.00138	0.00478	0.0000572	0.000155	0.0000917	0.0513	0.00000198	0.000181	0.000163	0.000952	0.000316
2035 Sep	0.000113	0.000951	0.0203	0.00000259	1.37	2.18	0.0117	0.000288	20.6	0.00134	0.00475	0.0000552	0.00015	0.0000897	0.0506	0.00000198	0.000174	0.000158	0.000944	0.000304
2035 Oct	0.000113	0.000946	0.0201	0.00000254	1.36	2.16	0.0115	0.000284	20.2	0.00132	0.00475	0.0000547	0.000147	0.0000885	0.0502	0.00000198	0.000171	0.000155	0.00094	0.000297
2035 Nov	0.000113	0.000947	0.0202	0.00000256	1.36	2.16	0.0115	0.000285	20.2	0.00133	0.00475	0.0000547	0.000147	0.0000887	0.0503	0.00000198	0.000172	0.000155	0.00094	0.000298
2035 Dec	0.000113	0.000947	0.0202	0.00000256	1.36	2.16	0.0115	0.000285	20.2	0.00133	0.00475	0.0000547	0.000147	0.0000888	0.0503	0.00000198	0.000172	0.000155	0.00094	0.000298
2036 Jan	0.000113	0.000947	0.0202	0.00000256	1.36	2.16	0.0115	0.000285	20.2	0.00133	0.00475	0.0000547	0.000147	0.0000888	0.0503	0.00000198	0.000172	0.000155	0.00094	0.000298
2036 Feb	0.000113	0.000947	0.0202	0.00000256	1.36	2.16	0.0115	0.000285	20.2	0.00133	0.00475	0.0000547	0.000147	0.0000888	0.0503	0.00000198	0.000172	0.000155	0.00094	0.000298
2036 Mar	0.000113	0.000947	0.0202	0.00000256	1.36	2.16	0.0115	0.000285	20.2	0.00133	0.00475	0.0000547	0.000147	0.0000888	0.0503	0.00000198	0.000172	0.000155	0.00094	0.000298
2036 Apr	0.000113	0.000947	0.0202	0.00000256	1.36	2.16	0.0115	0.000285	20.2	0.00133	0.00476	0.0000547	0.000147	0.0000888	0.0503	0.00000198	0.000172	0.000155	0.00094	0.000298
2036 May	0.000113	0.000948	0.0202	0.00000256	1.36	2.16	0.0115	0.000285	20.2	0.00133	0.00476	0.0000548	0.000148	0.0000889	0.0504	0.00000198	0.000172	0.000156	0.000941	0.000299
2036 Jun	0.000112	0.000947	0.0204	0.00000257	1.36	2.16	0.0115	0.000284	20	0.00132	0.00476	0.0000553	0.000147	0.0000886	0.0502	0.00000198	0.000171	0.000157	0.000943	0.000297
2036 Jul	0.00011	0.000942	0.0202	0.00000252	1.34	2.12	0.0112	0.000276	19.4	0.0013	0.00475	0.0000551	0.000143	0.0000869	0.0493	0.00000198	0.000166	0.000154	0.000939	0.000287
2036 Aug	0.000109	0.000934	0.0199	0.00000243	1.32	2.07	0.0108	0.000266	18.6	0.00126	0.00473	0.000054	0.000137	0.0000847	0.0483	0.00000199	0.000158	0.000149	0.000934	0.000273
2036 Sep	0.000108	0.000924	0.0195	0.00000234	1.3	2.03	0.0105	0.000259	18	0.00122	0.00471	0.0000526	0.000132	0.0000828	0.0477	0.00000199	0.000152	0.000145	0.000928	0.000262
2036 Oct	0.000108	0.000921	0.0193	0.00000231	1.29	2.01	0.0103	0.000256	17.7	0.00121	0.00471	0.0000523	0.00013	0.000082	0.0474	0.00000199	0.00015	0.000143	0.000925	0.000257
2036 Nov	0.000108	0.000921	0.0193	0.00000232	1.29	2.01	0.0103	0.000256	17.7	0.00121	0.00471	0.0000523	0.00013	0.0000821	0.0474	0.00000198	0.00015	0.000143	0.000925	0.000257
2036 Dec	0.000108	0.000921	0.0193	0.00000232	1.29	2.01	0.0103	0.000256	17.7	0.00121	0.00471	0.0000523	0.00013	0.0000821	0.0474	0.00000198	0.00015	0.000143	0.000925	0.000257
2037 Jan	0.000108	0.000921	0.0193	0.00000232	1.29	2.01	0.0103	0.000256	17.7	0.00121	0.00471	0.0000523	0.00013	0.0000821	0.0474	0.00000198	0.00015	0.000143	0.000925	0.000257
2037 Feb	0.000108	0.000921	0.0193	0.00000232	1.29	2.01	0.0103	0.000256	17.7	0.00121	0.00471	0.0000523	0.00013	0.0000821	0.0474	0.00000198	0.00015	0.000143	0.000925	0.000257
2037 Mar	0.000108	0.000921	0.0193	0.00000232	1.29	2.01	0.0103	0.000256	17.7	0.00121	0.00471	0.0000523	0.00013	0.0000821	0.0474	0.00000198	0.00015	0.000143	0.000925	0.000257
2037 Apr	0.000108	0.000921	0.0193	0.00000232	1.29	2.01	0.0103	0.000256	17.7	0.00121	0.00471	0.0000523	0.00013	0.0000821	0.0475	0.00000199	0.00015	0.000143	0.000925	0.000257
2037 May	0.000109	0.000922	0.0197	0.00000233	1.3	2.02	0.0105	0.000257	17.7	0.00121	0.00472	0.0000536	0.000131	0.0000823	0.0477	0.00000199	0.000151	0.000145	0.000927	0.000258
2037 Jun	0.00011	0.000923	0.0201	0.00000235	1.3	2.03	0.0107	0.000257	17.6	0.00122	0.00473	0.0000556	0.000131	0.0000825	0.0479	0.00000198	0.000151	0.000148	0.000927	0.000258
2037 Jul	0.000108	0.00092	0.0199	0.0000023	1.28	1.99	0.0104	0.000251	17.1	0.00119	0.00472	0.0000555	0.000128	0.0000811	0.0472	0.00000198	0.000146	0.000145	0.000924	0.00025
2037 Aug	0.000107	0.000913	0.0196	0.00000223	1.26	1.95	0.0101	0.000243	16.5	0.00116	0.0047	0.0000545	0.000123	0.0000794	0.0464	0.00000199	0.000141	0.000142	0.00092	0.000239
2037 Sep	0.000107	0.000906	0.0193	0.00000217	1.25	1.92	0.00979	0.000237	16	0.00113	0.00469	0.0000534	0.000119	0.0000779	0.0459	0.00000199	0.000136	0.000138	0.000916	0.00023
2037 Oct	0.000107	0.000902	0.0192	0.00000214	1.24	1.91	0.00964	0.000234	15.8	0.00112	0.00469	0.0000531	0.000117	0.0000771	0.0456	0.00000199	0.000133	0.000136	0.000913	0.000225
2037 Nov	0.000107	0.000902	0.0192	0.00000214	1.25	1.91	0.00964	0.000234	15.8	0.00112	0.00469	0.0000531	0.000117	0.0000771	0.0456	0.00000199	0.000133	0.000136	0.000913	0.000225
2037 Dec	0.000107	0.000902	0.0192	0.00000214	1.25	1.91	0.00964	0.000234	15.8	0.00112	0.00469	0.0000531	0.000117	0.0000771	0.0456	0.00000199	0.000133	0.000136	0.000913	0.000225
2038 Jan	0.000107	0.000902	0.0192	0.00000214	1.25	1.91	0.00964	0.000234	15.8	0.00112	0.00469	0.0000531	0.000117	0.0000771	0.0456	0.00000199	0.000133	0.000136	0.000913	0.000225
2038 Feb	0.000107	0.000902	0.0192	0.00000214	1.25	1.91	0.00964	0.000234	15.8	0.00112	0.00469	0.0000531	0.000117	0.0000771	0.0456	0.00000199	0.000133	0.000136	0.000913	0.000225
2038 Mar	0.000107	0.000902	0.0192	0.00000214	1.25	1.91	0.00964	0.000234	15.8	0.00112	0.00469	0.0000531	0.000117	0.0000771	0.0456	0.00000199	0.000133	0.000136	0.000913	0.000225
2038 Apr	0.000107	0.000902	0.0192	0.00000214	1.25	1.91	0.00964	0.000234	15.8	0.00112	0.00469	0.0000531	0.000117	0.0000771	0.0456	0.00000199	0.000133	0.000136	0.000913	0.000225
2038 May	0.000107	0.000903	0.0193	0.00000214	1.25	1.91	0.00969	0.000234	15.8	0.00112	0.0047	0.0000536	0.000117	0.0000772	0.0457	0.00000199	0.000134	0.000137	0.000914	0.000225
2038 Jun	0.000107	0.000901	0.0197	0.00000214	1.24	1.9	0.00982	0.000232	15.6	0.00111	0.0047	0.0000554	0.000116	0.0000768	0.0457	0.00000199	0.000132	0.000139	0.000914	0.000222
2038 Jul	0.000106	0.0009	0.0196	0.0000021	1.23	1.88	0.0096	0.000227	15.3	0.0011	0.0047	0.0000554	0.000113	0.0000757	0.0451	0.00000199	0.000128	0.000137	0.000913	0.000215
2038 Aug	0.000105	0.0009	0.0195	0.00000209	1.22	1.87	0.00951	0.000225	15.1	0.00109	0.0047	0.0000554	0.000112	0.0000753	0.0449	0.000002	0.000127	0.000136	0.000912	0.000212
2038 Sep	0.000105	0.0009	0.0196	0.00000209	1.23	1.87	0.00951	0.000225	15.1	0.00109	0.00471	0.0000554	0.000112	0.0000753	0.0449	0.000002	0.000127	0.000136	0.000913	0.000212
2038 Oct	0.000105	0.0009	0.0196	0.00000209	1.22	1.87	0.00951	0.000225	15.1	0.00109	0.00471	0.0000553	0.000112	0.0000753	0.045	0.000002	0.000127	0.000136	0.000913	0.000212
2038 Nov	0.000105	0.0009	0.0196	0.00000209	1.23	1.87	0.00951	0.000225	15.1	0.00109	0.00471	0.0000553	0.000112	0.0000753	0.045	0.000002	0.000127	0.000136	0.000913	0.000212
2038 Dec	0.000105	0.0009	0.0196	0.00000209	1.23	1.87	0.00951	0.000225	15.1	0.00109	0.00471	0.0000553	0.000112	0.0000753	0.045	0.000002	0.000127	0.000136	0.000913	0.000212

Appendix C.2-26: FZONE02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	243	0.67	1.05	0.0177	67.3	0.0287	29.6	0.00000309	0.00000309	0.000000111	0.00122	0.000387	0.0493	0.00102	0.000000589	6.57	0.00000891	0.0000639
Operation (2024-2031): Mean	1330	2.64	4.35	0.0851	532	0.176	170	0.000688	0.000688	0.000005	0.0114	0.00407	0.261	0.0197	0.00000956	45.9	0.0000543	0.00109
Operation (2024-2031): Max	2220	4.77	7.78	0.148	873	0.286	277	0.00085	0.00085	0.00000541	0.0149	0.00577	0.447	0.0229	0.0000121	68.7	0.0000821	0.00141
Active Closure (2032-2038): Min	1160	3.24	5.62	0.0992	453	0.202	196	0.000641	0.000641	0.00000482	0.0117	0.00468	0.31	0.0205	0.00000814	53.4	0.0000636	0.00091
Active Closure (2032-2038): Mean	1370	3.48	5.91	0.107	533	0.212	210	0.000683	0.000683	0.00000496	0.0122	0.00483	0.326	0.0213	0.00000907	55.5	0.0000658	0.00107
Active Closure (2032-2038): Max	1740	3.62	6.14	0.113	665	0.221	226	0.000717	0.000717	0.00000527	0.0129	0.00514	0.34	0.0229	0.0000113	58.3	0.0000674	0.00141
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2025-2038)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun																		
2026 Jul																		
2026 Aug																		
2026 Sep																		
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun																		
2027 Jul																		
2027 Aug																		
2027 Sep																		
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		
2028 Apr																		
2028 May	243	0.67	1.05	0.0177	67.3	0.0287	29.6	0.00000309	0.00000309	0.000000111	0.00122	0.000387	0.0493	0.00102	0.000000589	6.57	0.00000891	0.0000639
2028 Jun	859	1.62	2.93	0.058	363	0.113	112	0.000705	0.000705	0.00000495	0.00906	0.00339	0.17	0.0154	0.00000908	31.6	0.0000424	0.000802
2028 Jul	1060	1.51	2.45	0.0601	539	0.15	128	0.000712	0.000712	0.00000483	0.00987	0.00336	0.217	0.0172	0.00000843	35.3	0.0000444	0.000935
2028 Aug	2140	4.31	7.1	0.14	873	0.276	266	0.000533	0.000533	0.00000495	0.0135	0.00574	0.431	0.0221	0.0000121	65.3	0.0000756	0.00139

Appendix C.2-26: FZONE02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Sep	2220	4.77	7.78	0.148	858	0.286	277	0.000528	0.000528	0.00000486	0.0149	0.00577	0.447	0.0229	0.000012	68.7	0.0000821	0.00135
2028 Oct	920	2.25	3.51	0.063	303	0.141	114	0.000837	0.000837	0.0000049	0.0113	0.0028	0.186	0.0192	0.00000746	37.4	0.0000433	0.000555
2028 Nov	893	2.22	3.5	0.062	287	0.138	111	0.00085	0.00085	0.00000499	0.0112	0.00282	0.18	0.0193	0.00000759	37.1	0.0000424	0.000544
2028 Dec	893	2.22	3.5	0.062	287	0.138	111	0.00085	0.00085	0.00000499	0.0112	0.00282	0.18	0.0193	0.00000759	37.1	0.0000425	0.000544
2029 Jan	893	2.22	3.5	0.062	287	0.138	111	0.00085	0.00085	0.00000499	0.0112	0.00282	0.18	0.0193	0.00000759	37.1	0.0000425	0.000544
2029 Feb	893	2.22	3.5	0.062	287	0.138	111	0.00085	0.00085	0.00000499	0.0112	0.00282	0.18	0.0193	0.00000759	37.1	0.0000425	0.000544
2029 Mar	893	2.22	3.5	0.062	287	0.138	111	0.00085	0.00085	0.00000499	0.0112	0.00282	0.18	0.0193	0.00000759	37.1	0.0000425	0.000544
2029 Apr	893	2.22	3.5	0.062	287	0.138	111	0.00085	0.00085	0.00000499	0.0112	0.00282	0.18	0.0193	0.00000759	37.1	0.0000425	0.000545
2029 May	1080	2.75	4.31	0.0753	332	0.158	133	0.000824	0.000824	0.00000487	0.012	0.003	0.217	0.0194	0.0000077	41.5	0.0000489	0.000566
2029 Jun	1840	4.7	7.3	0.128	568	0.238	223	0.000675	0.000675	0.00000424	0.0144	0.00374	0.374	0.0192	0.00000798	58.5	0.0000771	0.00076
2029 Jul	1140	2.06	3.46	0.0704	480	0.148	146	0.000734	0.000734	0.00000521	0.0106	0.00382	0.217	0.0186	0.00000945	40.2	0.0000491	0.00109
2029 Aug	1200	2.09	3.47	0.0726	524	0.157	153	0.000711	0.000711	0.0000051	0.0107	0.00386	0.231	0.0187	0.00000935	41.3	0.00005	0.00113
2029 Sep	1290	2.27	3.73	0.0781	563	0.168	164	0.00069	0.00069	0.00000505	0.0111	0.004	0.25	0.019	0.00000948	43.6	0.0000525	0.00118
2029 Oct	1340	2.42	3.97	0.082	577	0.174	170	0.000683	0.000683	0.00000505	0.0113	0.0041	0.26	0.0193	0.00000963	45	0.0000541	0.00119
2029 Nov	1360	2.48	4.09	0.0837	579	0.177	172	0.000681	0.000681	0.00000506	0.0113	0.00415	0.264	0.0194	0.00000973	45.5	0.0000547	0.00119
2029 Dec	1360	2.49	4.09	0.0838	580	0.177	172	0.000681	0.000681	0.00000506	0.0114	0.00416	0.264	0.0194	0.00000974	45.5	0.0000547	0.00119
2030 Jan	1360	2.49	4.09	0.0838	580	0.177	172	0.000681	0.000681	0.00000506	0.0114	0.00416	0.264	0.0194	0.00000974	45.5	0.0000547	0.00119
2030 Feb	1360	2.49	4.09	0.0838	580	0.177	172	0.000681	0.000681	0.00000506	0.0114	0.00416	0.264	0.0194	0.00000974	45.5	0.0000547	0.00119
2030 Mar	1360	2.49	4.09	0.0838	580	0.177	172	0.000681	0.000681	0.00000506	0.0114	0.00416	0.264	0.0194	0.00000974	45.5	0.0000548	0.00119
2030 Apr	1360	2.49	4.09	0.0839	580	0.177	172	0.000681	0.000681	0.00000506	0.0114	0.00416	0.264	0.0194	0.00000974	45.6	0.0000548	0.00119
2030 May	1370	2.49	4.1	0.084	581	0.177	173	0.000682	0.000682	0.00000507	0.0114	0.00416	0.265	0.0194	0.00000976	45.6	0.0000549	0.00119
2030 Jun	1330	2.43	4.01	0.0819	564	0.172	170	0.000691	0.000691	0.00000512	0.0113	0.00413	0.257	0.0193	0.00000975	45	0.0000542	0.0012
2030 Jul	1340	2.43	4.06	0.0827	568	0.173	173	0.00069	0.00069	0.00000522	0.0113	0.00429	0.258	0.0196	0.0000101	45.5	0.0000542	0.00125
2030 Aug	1410	2.6	4.34	0.0876	589	0.181	182	0.000682	0.000682	0.00000525	0.0115	0.00446	0.271	0.02	0.0000104	47.5	0.0000561	0.00129
2030 Sep	1440	2.66	4.44	0.0894	598	0.184	186	0.00068	0.00068	0.00000528	0.0116	0.00453	0.276	0.0202	0.0000105	48.3	0.0000569	0.00131
2030 Oct	1460	2.73	4.57	0.0914	606	0.187	189	0.000676	0.000676	0.0000053	0.0117	0.00461	0.282	0.0204	0.0000106	49.1	0.0000577	0.00132
2030 Nov	1460	2.74	4.59	0.0918	605	0.188	189	0.000676	0.000676	0.00000531	0.0117	0.00462	0.282	0.0204	0.0000107	49.2	0.0000578	0.00132
2030 Dec	1460	2.74	4.59	0.0918	605	0.188	189	0.000676	0.000676	0.00000531	0.0117	0.00462	0.282	0.0204	0.0000107	49.2	0.0000578	0.00132
2031 Jan	1460	2.74	4.59	0.0918	605	0.188	189	0.000676	0.000676	0.00000531	0.0117	0.00462	0.282	0.0204	0.0000107	49.2	0.0000578	0.00132
2031 Feb	1460	2.74	4.59	0.0918	605	0.188	189	0.000676	0.000676	0.00000531	0.0117	0.00462	0.282	0.0204	0.0000107	49.2	0.0000578	0.00132
2031 Mar	1460	2.74	4.59	0.0918	605	0.188	189	0.000676	0.000676	0.00000531	0.0117	0.00462	0.282	0.0204	0.0000107	49.2	0.0000578	0.00132
2031 Apr	1460	2.74	4.6	0.0918	606	0.188	189	0.000676	0.000676	0.00000531	0.0117	0.00463	0.282	0.0204	0.0000107	49.2	0.0000578	0.00132
2031 May	1470	2.76	4.62	0.0921	605	0.188	190	0.000678	0.000678	0.00000532	0.0117	0.00463	0.283	0.0207	0.0000107	49.4	0.000058	0.00132
2031 Jun	1430	2.69	4.53	0.0901	589	0.184	187	0.000685	0.000685	0.00000534	0.0116	0.00465	0.276	0.0222	0.0000107	50	0.0000572	0.00133
2031 Jul	1450	2.72	4.57	0.0909	595	0.186	189	0.000686	0.000686	0.00000537	0.0117	0.00471	0.279	0.0225	0.0000108	50.6	0.0000577	0.00135
2031 Aug	1500	2.83	4.76	0.0942	610	0.191	196	0.00068	0.00068	0.00000541	0.0118	0.00484	0.289	0.0227	0.000011	52	0.000059	0.00138
2031 Sep	1630	3.21	5.36	0.104	641	0.207	212	0.000658	0.000658	0.00000535	0.0124	0.00502	0.316	0.0229	0.0000112	55.4	0.0000633	0.00141
2031 Oct	1730	3.54	5.87	0.112	662	0.219	225	0.000642	0.000642	0.00000527	0.0128	0.00512	0.337	0.0229	0.0000112	57.9	0.0000669	0.00141
2031 Nov	1740	3.57	5.92	0.113	663	0.22	226	0.000641	0.000641	0.00000527	0.0128	0.00513	0.339	0.0229	0.0000112	58.2	0.0000673	0.00141
2031 Dec	1740	3.57	5.92	0.113	663	0.22	226	0.000641	0.000641	0.00000527	0.0128	0.00513	0.339	0.0229	0.0000112	58.2	0.0000673	0.00141
2032 Jan	1740	3.57	5.92	0.113	663	0.22	226	0.000641	0.000641	0.00000527	0.0128	0.00513	0.339	0.0229	0.0000112	58.2	0.0000673	0.00141
2032 Feb	1740	3.57	5.92	0.113	663	0.22	226	0.000641	0.000641	0.00000527	0.0128	0.00513	0.339	0.0229	0.0000112	58.2	0.0000673	0.00141
2032 Mar	1740	3.57	5.92	0.113	663	0.22	226	0.000641	0.000641	0.00000527	0.0128	0.00513	0.339	0.0229	0.0000112	58.2	0.0000673	0.00141
2032 Apr	1740	3.58	5.92	0.113	664	0.22	226	0.000641	0.000641	0.00000527	0.0128	0.00513	0.339	0.0229	0.0000113	58.2	0.0000673	0.00141
2032 May	1740	3.58	5.93	0.113	665	0.221	226	0.000642	0.000642	0.00000527	0.0129	0.00514	0.34	0.0229	0.0000113	58.3	0.0000674	0.00141
2032 Jun	1660	3.56	5.9	0.111	637	0.217	221	0.000652	0.000652	0.00000519	0.0127	0.00501	0.334	0.0223	0.0000108	57.1	0.0000671	0.00134
2032 Jul	1590	3.48	5.84	0.11	616	0.212	216	0.000658	0.000658	0.00000517	0.0125	0.00499	0.325	0.0217	0.0000104	55.8	0.0000657	0.00129
2032 Aug	1580	3.53	5.93	0.111	613	0.213	217	0.00066	0.00066	0.00000514	0.0125	0.00498	0.328	0.0215	0.0000102	55.9	0.0000659	0.00127
2032 Sep	1560	3.54	5.93	0.11	608	0.213	216	0.000664	0.000664	0.00000513	0.0124	0.00495	0.327	0.0213	0.0000102	55.7	0.0000657	0.00125
2032 Oct	1550	3.52	5.9	0.11	604	0.212	215	0.000666	0.000666	0.00000513	0.0123	0.00492	0.325	0.0212	0.0000101	55.4	0.0000653	0.00124
2032 Nov	1550	3.53	5.93	0.11	605	0.212	215	0.000666	0.000666	0.00000513	0.0124	0.00493	0.326	0.0212	0.0000101	55.6	0.0000655	0.00124
2032 Dec	1550	3.54	5.95	0.11	605	0.213	216	0.000665	0.000665	0.00000512	0.0124	0.00493	0.327	0.0212	0.0000101	55.7	0.0000656	0.00124
2033 Jan	1550	3.54	5.95	0.11	605	0.213	216	0.000665	0.000665	0.00000512	0.0124	0.00493	0.327	0.0212	0.0000101	55.7	0.0000656	0.00124
2033 Feb	1550	3.54	5.95	0.11	605	0.213	216	0.000665	0.000665	0.00000512	0.0124	0.00494	0.327	0.0212	0.0000101	55.7	0.0000656	0.00124
2033 Mar	1550	3.54	5.95	0.11	605	0.213	216	0.000665	0.000665	0.00000512	0.0124	0.00494	0.327	0.0212	0.0000101	55.7	0.0000657	0.00124
2033 Apr	1550	3.55	5.95	0.111	606	0.213	216	0.000665	0.000665	0.00000513	0.0124	0.00494	0.327	0.0212	0.0000101	55.7	0.0000657	0.00124
2033 May	1540	3.53	5.92	0.11	599	0.212	214	0.000669	0.000669	0.00000511	0.0124	0.00491	0.325	0.0216	0.00001	55.8	0.0000656	0.00123
2033 Jun	1490	3.5	5.9	0.109	583	0.21	212	0.00067	0.00067	0.00000506	0.0123	0.00492	0.323	0.0222	0.00000972	56	0.0000654	0.0012
2033 Jul	1490	3.53	5.95	0.109	581	0.211	213	0.000673	0.000673	0.00000507	0.0123	0.00493	0.325	0.0221	0.00000968	56.1	0.0000657	0.00119
2033 Aug	1480	3.52	5.94	0.109	578	0.211	212	0.000679	0.000679	0.00000509	0.0122	0.00491	0.324	0.022	0.00000966	56	0.0000655	0.00118
2033 Sep	1460	3.54	5.99	0.11	574	0.212	213	0.000678	0.000678	0.00000506	0.0122	0.00491	0.326	0.0218	0.00000955	56	0.0000657	0.00117
2033 Oct	1450	3.58	6.05	0.11	568	0.213	214	0.000673	0.000673	0.000005	0.0123	0.00489	0.328	0.0215	0.0000094	56.2	0.0000661	0.00114
2033 Nov	1440	3.58	6.05	0.11	567	0.213	214	0.000673	0.000673	0.000005	0.0123	0.00489	0.328	0.0215	0.00000938	56.1	0.0000661	0.00114
2033 Dec	1440	3.58	6.05	0.11	567	0.213	214	0.000673	0.000673	0.000005	0.0123	0.00489	0.328	0.0215	0.00000938	56.1	0.0000661	0.00114
2034 Jan	1440	3.58	6.05	0.11	567	0.213	214	0.000673	0.000673	0.000005	0.0123	0.00489	0.328	0.0215	0.00000938	56.1	0.0000661	0.00114
2034 Feb	1440	3.58	6.05	0.11	567	0.213	214	0.000673	0.000673	0.000005	0.0123	0.00489	0.328	0.0215	0.00000938	56.1	0.0000661	0.00114

Appendix C.2-26: FZONE02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Mar	1440	3.58	6.05	0.11	567	0.213	214	0.000673	0.000673	0.000005	0.0123	0.00489	0.328	0.0215	0.00000938	56.1	0.0000661	0.00114
2034 Apr	1450	3.58	6.05	0.11	568	0.213	214	0.000674	0.000674	0.000005	0.0123	0.00489	0.328	0.0215	0.00000939	56.1	0.0000661	0.00114
2034 May	1440	3.58	6.04	0.11	566	0.213	214	0.000676	0.000676	0.00000501	0.0123	0.00489	0.328	0.0217	0.00000938	56.2	0.0000661	0.00114
2034 Jun	1400	3.51	5.94	0.108	551	0.209	209	0.000681	0.000681	0.00000499	0.0122	0.00485	0.322	0.0221	0.00000921	55.8	0.0000653	0.00111
2034 Jul	1400	3.55	6.01	0.109	550	0.212	212	0.00068	0.00068	0.00000498	0.0122	0.00488	0.326	0.0219	0.00000916	56.2	0.0000661	0.00111
2034 Aug	1400	3.54	6.01	0.109	548	0.212	211	0.000687	0.000687	0.000005	0.0122	0.00487	0.326	0.0219	0.00000917	56.1	0.000066	0.0011
2034 Sep	1390	3.57	6.05	0.109	545	0.214	213	0.000684	0.000684	0.00000497	0.0123	0.00486	0.329	0.0217	0.00000909	56.3	0.0000664	0.00109
2034 Oct	1380	3.61	6.12	0.11	542	0.216	215	0.000679	0.000679	0.00000492	0.0123	0.00486	0.333	0.0215	0.000009	56.7	0.0000671	0.00107
2034 Nov	1380	3.62	6.13	0.11	543	0.216	215	0.000679	0.000679	0.00000492	0.0123	0.00486	0.334	0.0215	0.000009	56.8	0.0000672	0.00107
2034 Dec	1380	3.62	6.13	0.11	543	0.216	215	0.000679	0.000679	0.00000492	0.0123	0.00486	0.334	0.0215	0.000009	56.8	0.0000672	0.00107
2035 Jan	1380	3.62	6.13	0.11	543	0.216	215	0.000679	0.000679	0.00000492	0.0123	0.00486	0.334	0.0215	0.000009	56.8	0.0000672	0.00107
2035 Feb	1380	3.62	6.13	0.11	543	0.216	215	0.000679	0.000679	0.00000492	0.0123	0.00486	0.334	0.0215	0.000009	56.8	0.0000672	0.00107
2035 Mar	1380	3.62	6.13	0.11	543	0.216	215	0.000679	0.000679	0.00000492	0.0123	0.00486	0.334	0.0215	0.000009	56.8	0.0000672	0.00107
2035 Apr	1380	3.62	6.13	0.11	543	0.216	215	0.000679	0.000679	0.00000492	0.0124	0.00487	0.334	0.0215	0.000009	56.8	0.0000673	0.00107
2035 May	1380	3.62	6.14	0.11	544	0.217	215	0.00068	0.00068	0.00000493	0.0124	0.00487	0.335	0.0216	0.00000902	56.9	0.0000674	0.00107
2035 Jun	1330	3.5	5.96	0.107	523	0.21	208	0.000687	0.000687	0.00000492	0.0122	0.0048	0.324	0.0216	0.00000882	55.6	0.0000658	0.00104
2035 Jul	1320	3.47	5.92	0.106	518	0.209	207	0.000691	0.000691	0.00000493	0.0121	0.0048	0.321	0.0215	0.00000878	55.2	0.0000654	0.00103
2035 Aug	1310	3.46	5.92	0.106	515	0.209	206	0.000695	0.000695	0.00000495	0.0121	0.0048	0.321	0.0214	0.00000876	55	0.0000652	0.00103
2035 Sep	1300	3.5	5.98	0.107	511	0.212	209	0.000688	0.000688	0.00000489	0.0121	0.0048	0.327	0.0211	0.00000866	55.5	0.0000661	0.00101
2035 Oct	1300	3.51	5.99	0.107	508	0.213	210	0.000685	0.000685	0.00000486	0.0122	0.00479	0.329	0.021	0.00000861	55.6	0.0000664	0.001
2035 Nov	1290	3.51	5.99	0.107	507	0.213	210	0.000684	0.000684	0.00000485	0.0122	0.00479	0.329	0.021	0.00000859	55.6	0.0000664	0.000997
2035 Dec	1290	3.51	5.99	0.107	507	0.213	210	0.000684	0.000684	0.00000485	0.0122	0.00479	0.329	0.021	0.00000859	55.6	0.0000664	0.000997
2036 Jan	1290	3.51	5.99	0.107	507	0.213	210	0.000684	0.000684	0.00000485	0.0122	0.00479	0.329	0.021	0.00000859	55.6	0.0000664	0.000997
2036 Feb	1290	3.51	5.99	0.107	507	0.213	210	0.000684	0.000684	0.00000485	0.0122	0.00479	0.329	0.021	0.00000859	55.6	0.0000664	0.000997
2036 Mar	1290	3.51	5.99	0.107	507	0.213	210	0.000684	0.000684	0.00000485	0.0122	0.00479	0.329	0.021	0.00000859	55.6	0.0000664	0.000997
2036 Apr	1300	3.51	5.99	0.107	507	0.213	210	0.000684	0.000684	0.00000485	0.0122	0.00479	0.329	0.021	0.00000859	55.6	0.0000664	0.000998
2036 May	1300	3.52	6.01	0.107	508	0.214	210	0.000686	0.000686	0.00000486	0.0122	0.0048	0.329	0.0211	0.00000861	55.7	0.0000665	0.001
2036 Jun	1270	3.47	5.94	0.106	498	0.212	208	0.000687	0.000687	0.00000484	0.0121	0.00476	0.327	0.0209	0.00000851	55.3	0.0000663	0.000982
2036 Jul	1260	3.45	5.91	0.105	493	0.211	207	0.00069	0.00069	0.00000485	0.0121	0.00475	0.325	0.0207	0.00000846	54.9	0.000066	0.000972
2036 Aug	1260	3.44	5.89	0.105	491	0.21	206	0.000695	0.000695	0.00000487	0.0121	0.00475	0.325	0.0207	0.00000847	54.8	0.0000659	0.000969
2036 Sep	1250	3.43	5.89	0.105	488	0.211	206	0.000695	0.000695	0.00000486	0.0121	0.00474	0.325	0.0206	0.00000844	54.8	0.0000659	0.000961
2036 Oct	1240	3.44	5.9	0.105	486	0.212	207	0.000692	0.000692	0.00000483	0.0121	0.00473	0.327	0.0205	0.00000839	54.9	0.0000662	0.000953
2036 Nov	1240	3.44	5.9	0.105	485	0.212	207	0.000691	0.000691	0.00000483	0.0121	0.00473	0.327	0.0205	0.00000838	55	0.0000662	0.000952
2036 Dec	1240	3.44	5.9	0.105	485	0.212	207	0.000691	0.000691	0.00000483	0.0121	0.00473	0.327	0.0205	0.00000838	55	0.0000662	0.000952
2037 Jan	1240	3.44	5.9	0.105	485	0.212	207	0.000691	0.000691	0.00000483	0.0121	0.00473	0.327	0.0205	0.00000838	55	0.0000662	0.000952
2037 Feb	1240	3.44	5.9	0.105	485	0.212	207	0.000691	0.000691	0.00000483	0.0121	0.00473	0.327	0.0205	0.00000838	55	0.0000662	0.000952
2037 Mar	1240	3.44	5.9	0.105	485	0.212	207	0.000691	0.000691	0.00000483	0.0121	0.00473	0.327	0.0205	0.00000839	55	0.0000663	0.000952
2037 Apr	1240	3.44	5.9	0.105	485	0.212	207	0.000691	0.000691	0.00000483	0.0121	0.00474	0.328	0.0205	0.00000839	55	0.0000663	0.000952
2037 May	1230	3.41	5.85	0.104	481	0.21	206	0.000695	0.000695	0.00000484	0.0121	0.00472	0.325	0.0207	0.00000836	54.8	0.0000658	0.000948
2037 Jun	1210	3.35	5.77	0.102	471	0.207	202	0.000695	0.000695	0.00000482	0.0119	0.00471	0.32	0.021	0.00000825	54.4	0.0000651	0.000936
2037 Jul	1200	3.34	5.77	0.102	470	0.208	202	0.000698	0.000698	0.00000484	0.0119	0.00471	0.32	0.0209	0.00000826	54.4	0.0000651	0.000933
2037 Aug	1200	3.34	5.76	0.102	468	0.207	202	0.000702	0.000702	0.00000486	0.0119	0.00471	0.319	0.0209	0.00000826	54.3	0.000065	0.000931
2037 Sep	1200	3.32	5.74	0.102	466	0.207	201	0.000705	0.000705	0.00000486	0.0119	0.0047	0.318	0.0209	0.00000825	54.2	0.0000648	0.000926
2037 Oct	1190	3.3	5.71	0.101	462	0.206	200	0.000705	0.000705	0.00000486	0.0119	0.00469	0.317	0.0208	0.00000822	53.9	0.0000645	0.000919
2037 Nov	1190	3.3	5.71	0.101	462	0.206	200	0.000706	0.000706	0.00000486	0.0119	0.00469	0.317	0.0208	0.00000822	53.9	0.0000645	0.000919
2037 Dec	1190	3.3	5.71	0.101	462	0.206	200	0.000706	0.000706	0.00000486	0.0119	0.00469	0.317	0.0208	0.00000822	53.9	0.0000645	0.000919
2038 Jan	1190	3.3	5.71	0.101	462	0.206	200	0.000706	0.000706	0.00000486	0.0119	0.00469	0.317	0.0208	0.00000822	53.9	0.0000645	0.000919
2038 Feb	1190	3.3	5.71	0.101	462	0.206	200	0.000706	0.000706	0.00000486	0.0119	0.00469	0.317	0.0208	0.00000822	53.9	0.0000645	0.000919
2038 Mar	1190	3.3	5.71	0.101	462	0.206	200	0.000706	0.000706	0.00000486	0.0119	0.00469	0.317	0.0208	0.00000822	53.9	0.0000645	0.000919
2038 Apr	1190	3.3	5.71	0.101	462	0.206	200	0.000706	0.000706	0.00000486	0.0119	0.00469	0.317	0.0208	0.00000822	53.9	0.0000645	0.000919
2038 May	1180	3.3	5.7	0.101	462	0.206	200	0.000708	0.000708	0.00000487	0.0119	0.00469	0.316	0.0209	0.00000822	53.9	0.0000645	0.000919
2038 Jun	1160	3.24	5.62	0.0992	453	0.202	196	0.00071	0.00071	0.00000487	0.0117	0.00468	0.31	0.0212	0.00000814	53.4	0.0000636	0.00091
2038 Jul	1170	3.25	5.64	0.0996	454	0.203	197	0.000714	0.000714	0.0000049	0.0118	0.0047	0.312	0.0213	0.00000818	53.7	0.0000639	0.000914
2038 Aug	1170	3.26	5.67	0.1	456	0.204	198	0.000717	0.000717	0.00000492	0.0118	0.00473	0.314	0.0214	0.00000821	53.9	0.0000642	0.000918
2038 Sep	1170	3.27	5.69	0.1	456	0.205	198	0.000717	0.000717	0.00000492	0.0119	0.00475	0.314	0.0214	0.00000821	54	0.0000643	0.000918
2038 Oct	1170	3.26	5.68	0.1	455	0.205	198	0.000717	0.000717	0.00000492	0.0119	0.00476	0.314	0.0214	0.0000082	54	0.0000643	0.000916
2038 Nov	1170	3.26	5.68	0.1	455	0.205	198	0.000717	0.000717	0.00000492	0.0119	0.00476	0.314	0.0214	0.0000082	54	0.0000643	0.000916
2038 Dec	1170	3.26	5.68	0.1	455	0.205	198	0.000717	0.000717	0.00000492	0.0119	0.00476	0.314	0.0214	0.0000082	54	0.0000643	0.000917

Appendix C.2-26: FZONE02

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.0000797	0.000613	0.00182	0.000000553	0.692	3.49	0.0194	0.000461	43.2	0.00227	0.000547	0.00000386	0.000364	0.000135	0.0616	0.000000522	0.000153	0.000198	0.00034	0.0004
Operation (2024-2031): Mean	0.000459	0.00361	0.0675	0.0000168	8.52	20.4	0.121	0.0037	290	0.0127	0.0146	0.0000769	0.00184	0.00073	0.449	0.00000874	0.00214	0.00125	0.00284	0.00313
Operation (2024-2031): Max	0.00074	0.00584	0.0835	0.0000221	11.9	32.6	0.194	0.00575	463	0.0211	0.0172	0.000139	0.00313	0.00122	0.723	0.0000127	0.00293	0.00188	0.00363	0.00524
Active Closure (2032-2038): Min	0.000562	0.00425	0.067	0.0000123	8.23	23.7	0.153	0.00375	270	0.0145	0.0152	0.000115	0.00222	0.000863	0.559	0.0000109	0.00166	0.00146	0.00312	0.00309
Active Closure (2032-2038): Mean	0.000591	0.00441	0.0724	0.0000142	9.18	25.2	0.156	0.00411	311	0.0154	0.0156	0.000151	0.00232	0.000909	0.57	0.0000122	0.00205	0.00151	0.00324	0.0034
Active Closure (2032-2038): Max	0.00061	0.00453	0.0773	0.0000183	11	27	0.161	0.00477	373	0.0164	0.0165	0.00018	0.0024	0.000954	0.579	0.0000132	0.00282	0.0016	0.00339	0.00396
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2025-2038)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun																				
2026 Jul																				
2026 Aug																				
2026 Sep																				
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun																				
2027 Jul																				
2027 Aug																				
2027 Sep																				
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				
2028 Apr																				
2028 May	0.0000797	0.000613	0.00182	0.000000553	0.692	3.49	0.0194	0.000461	43.2	0.00227	0.000547	0.00000386	0.000364	0.000135	0.0616	0.000000522	0.000153	0.000198	0.00034	0.0004
2028 Jun	0.000319	0.00235	0.0611	0.0000138	6.22	13.3	0.0882	0.00262	194	0.00826	0.0141	0.0000896	0.00125	0.000462	0.368	0.00000966	0.00139	0.00103	0.00261	0.00209
2028 Jul	0.000381	0.00308	0.0671	0.0000206	7.53	15.5	0.102	0.00303	250	0.0109	0.0125	0.0000859	0.00157	0.000618	0.362	0.00000679	0.00194	0.00106	0.0026	0.00333
2028 Aug	0.0007	0.00558	0.0516	0.0000221	11.9	31.3	0.189	0.00562	458	0.0205	0.0165	0.000056	0.00302	0.00119	0.704	0.0000127	0.00293	0.00178	0.00357	0.00524

Appendix C.2-26: FZONE02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Sep	0.00074	0.00584	0.0563	0.0000204	11.6	32.6	0.194	0.00575	463	0.0211	0.0172	0.0000412	0.00313	0.00122	0.723	0.0000126	0.0028	0.00188	0.00363	0.00511
2028 Oct	0.000384	0.00297	0.0825	0.0000122	4.59	14.3	0.0814	0.00248	176	0.00897	0.0134	0.000028	0.00128	0.000511	0.324	0.00000567	0.000933	0.000879	0.00214	0.00173
2028 Nov	0.000376	0.0029	0.0834	0.0000118	4.49	13.9	0.0794	0.00244	169	0.00865	0.0138	0.0000283	0.00123	0.000492	0.323	0.00000597	0.000889	0.00086	0.00212	0.00161
2028 Dec	0.000376	0.0029	0.0834	0.0000118	4.49	13.9	0.0795	0.00244	169	0.00866	0.0138	0.0000283	0.00123	0.000492	0.323	0.00000597	0.000889	0.00086	0.00212	0.00161
2029 Jan	0.000376	0.0029	0.0834	0.0000118	4.49	13.9	0.0795	0.00244	169	0.00866	0.0138	0.0000283	0.00123	0.000492	0.323	0.00000597	0.000889	0.00086	0.00212	0.00161
2029 Feb	0.000376	0.0029	0.0834	0.0000118	4.49	13.9	0.0795	0.00244	169	0.00866	0.0138	0.0000283	0.00123	0.000492	0.323	0.00000597	0.000889	0.00086	0.00212	0.00161
2029 Mar	0.000376	0.0029	0.0834	0.0000118	4.49	13.9	0.0795	0.00244	169	0.00866	0.0138	0.0000283	0.00123	0.000492	0.323	0.00000597	0.000889	0.00086	0.00212	0.00161
2029 Apr	0.000377	0.0029	0.0835	0.0000118	4.49	14	0.0795	0.00244	169	0.00866	0.0138	0.0000283	0.00123	0.000493	0.324	0.00000598	0.00089	0.00086	0.00212	0.00161
2029 May	0.000434	0.00335	0.0824	0.0000118	4.83	16.5	0.0933	0.00273	200	0.0104	0.0135	0.0000303	0.00152	0.000596	0.361	0.00000593	0.000965	0.001	0.00235	0.00189
2029 Jun	0.000678	0.00512	0.0765	0.0000134	6.84	27.1	0.157	0.00389	340	0.0177	0.0115	0.0000907	0.00276	0.00104	0.507	0.00000536	0.00153	0.0017	0.00349	0.00337
2029 Jul	0.000385	0.00303	0.0682	0.0000167	8.18	17.6	0.106	0.00329	258	0.0107	0.0145	0.0000906	0.00156	0.000614	0.396	0.0000086	0.00209	0.00115	0.00282	0.00278
2029 Aug	0.0004	0.0032	0.0664	0.0000179	8.57	18.4	0.111	0.00344	275	0.0114	0.0141	0.0000864	0.00165	0.000656	0.402	0.0000082	0.00223	0.00117	0.00282	0.00307
2029 Sep	0.000426	0.00343	0.065	0.0000186	8.99	19.6	0.118	0.00365	294	0.0123	0.0141	0.0000825	0.00178	0.000709	0.423	0.00000827	0.00235	0.00122	0.00288	0.00332
2029 Oct	0.000443	0.00356	0.0647	0.0000186	9.15	20.4	0.122	0.00377	304	0.0128	0.0143	0.0000806	0.00185	0.000736	0.44	0.00000853	0.00239	0.00126	0.00293	0.0034
2029 Nov	0.000449	0.0036	0.0647	0.0000185	9.18	20.6	0.123	0.00381	306	0.0129	0.0145	0.0000797	0.00187	0.000744	0.448	0.00000874	0.00238	0.00127	0.00294	0.00341
2029 Dec	0.000449	0.0036	0.0647	0.0000185	9.18	20.6	0.124	0.00381	306	0.0129	0.0145	0.0000797	0.00188	0.000745	0.448	0.00000874	0.00238	0.00127	0.00294	0.00341
2030 Jan	0.000449	0.0036	0.0647	0.0000185	9.18	20.6	0.124	0.00381	306	0.0129	0.0145	0.0000797	0.00188	0.000745	0.448	0.00000874	0.00238	0.00127	0.00294	0.00341
2030 Feb	0.000449	0.0036	0.0647	0.0000185	9.18	20.6	0.124	0.00381	306	0.013	0.0145	0.0000797	0.00188	0.000745	0.448	0.00000874	0.00238	0.00127	0.00294	0.00341
2030 Mar	0.000449	0.0036	0.0647	0.0000185	9.18	20.6	0.124	0.00381	306	0.013	0.0145	0.0000797	0.00188	0.000745	0.448	0.00000874	0.00238	0.00127	0.00294	0.00341
2030 Apr	0.00045	0.00361	0.0647	0.0000185	9.18	20.6	0.124	0.00381	306	0.013	0.0145	0.0000797	0.00188	0.000745	0.448	0.00000875	0.00238	0.00127	0.00294	0.00341
2030 May	0.00045	0.00361	0.0648	0.0000185	9.2	20.7	0.124	0.00382	307	0.013	0.0145	0.0000798	0.00188	0.000747	0.449	0.00000876	0.00238	0.00127	0.00295	0.00342
2030 Jun	0.000438	0.00352	0.065	0.0000182	9.16	20.3	0.121	0.00376	300	0.0126	0.0146	0.0000809	0.00183	0.000727	0.44	0.00000875	0.00238	0.00125	0.00295	0.00332
2030 Jul	0.000436	0.00351	0.0644	0.0000183	9.51	20.6	0.123	0.00387	304	0.0127	0.0151	0.0000817	0.00183	0.000728	0.453	0.00000939	0.00247	0.00126	0.00297	0.00334
2030 Aug	0.000455	0.00367	0.064	0.0000184	9.85	21.7	0.129	0.00404	318	0.0133	0.0154	0.0000817	0.00192	0.000764	0.474	0.00000975	0.00256	0.00131	0.00304	0.00347
2030 Sep	0.000463	0.00373	0.064	0.0000186	10	22.1	0.131	0.00411	323	0.0135	0.0156	0.0000816	0.00195	0.000778	0.483	0.00000992	0.00261	0.00133	0.00307	0.00353
2030 Oct	0.00047	0.00379	0.0637	0.0000186	10.2	22.5	0.133	0.00419	328	0.0137	0.0158	0.0000807	0.00198	0.000791	0.493	0.0000102	0.00264	0.00134	0.00309	0.00357
2030 Nov	0.000472	0.0038	0.0637	0.0000185	10.1	22.5	0.133	0.0042	328	0.0138	0.0159	0.0000803	0.00199	0.000792	0.495	0.0000103	0.00263	0.00135	0.00309	0.00356
2030 Dec	0.000472	0.0038	0.0638	0.0000185	10.1	22.5	0.133	0.0042	328	0.0138	0.0159	0.0000803	0.00199	0.000792	0.495	0.0000103	0.00263	0.00135	0.00309	0.00356
2031 Jan	0.000472	0.0038	0.0638	0.0000185	10.1	22.5	0.133	0.0042	328	0.0138	0.0159	0.0000803	0.00199	0.000792	0.495	0.0000103	0.00263	0.00135	0.00309	0.00356
2031 Feb	0.000472	0.0038	0.0638	0.0000185	10.1	22.5	0.133	0.0042	328	0.0138	0.0159	0.0000803	0.00199	0.000792	0.495	0.0000103	0.00263	0.00135	0.00309	0.00356
2031 Mar	0.000472	0.0038	0.0638	0.0000185	10.1	22.5	0.133	0.0042	328	0.0138	0.0159	0.0000803	0.00199	0.000792	0.495	0.0000103	0.00263	0.00135	0.00309	0.00356
2031 Apr	0.000472	0.0038	0.0638	0.0000185	10.2	22.5	0.133	0.0042	329	0.0138	0.0159	0.0000803	0.00199	0.000792	0.495	0.0000103	0.00263	0.00135	0.00309	0.00357
2031 May	0.000478	0.00381	0.0651	0.0000185	10.1	22.6	0.134	0.0042	329	0.0138	0.0159	0.0000873	0.00199	0.000795	0.497	0.0000103	0.00262	0.00136	0.0031	0.00356
2031 Jun	0.000499	0.00376	0.0736	0.0000182	10.1	22.4	0.137	0.00414	321	0.0135	0.0161	0.000137	0.00195	0.000781	0.498	0.0000103	0.0026	0.00139	0.00307	0.00347
2031 Jul	0.000503	0.0038	0.074	0.0000184	10.3	22.7	0.139	0.00419	324	0.0137	0.0162	0.000139	0.00197	0.00079	0.503	0.0000104	0.00265	0.0014	0.00309	0.00352
2031 Aug	0.000515	0.00391	0.0733	0.0000186	10.6	23.4	0.143	0.00433	334	0.0141	0.0165	0.000137	0.00203	0.000816	0.518	0.0000107	0.00272	0.00143	0.00314	0.00362
2031 Sep	0.000554	0.00424	0.0715	0.0000185	10.9	25.3	0.153	0.00458	356	0.0153	0.0165	0.00013	0.00223	0.000889	0.55	0.0000109	0.0028	0.00152	0.00327	0.00382
2031 Oct	0.000586	0.0045	0.0704	0.0000183	11	26.8	0.16	0.00475	371	0.0163	0.0165	0.000124	0.00238	0.000946	0.573	0.0000109	0.00282	0.00159	0.00337	0.00395
2031 Nov	0.000589	0.00452	0.0704	0.0000182	11	26.9	0.16	0.00476	373	0.0164	0.0165	0.000124	0.0024	0.000952	0.575	0.0000109	0.00281	0.0016	0.00338	0.00396
2031 Dec	0.000589	0.00452	0.0704	0.0000182	11	26.9	0.16	0.00476	373	0.0164	0.0165	0.000124	0.0024	0.000952	0.575	0.0000109	0.00281	0.0016	0.00338	0.00396
2032 Jan	0.000589	0.00452	0.0704	0.0000182	11	26.9	0.16	0.00476	373	0.0164	0.0165	0.000124	0.0024	0.000952	0.575	0.0000109	0.00281	0.0016	0.00338	0.00396
2032 Feb	0.000589	0.00452	0.0704	0.0000182	11	26.9	0.16	0.00476	373	0.0164	0.0165	0.000124	0.0024	0.000952	0.575	0.0000109	0.00281	0.0016	0.00338	0.00396
2032 Mar	0.000589	0.00452	0.0704	0.0000182	11	26.9	0.16	0.00476	373	0.0164	0.0165	0.000124	0.0024	0.000952	0.575	0.0000109	0.00281	0.0016	0.00338	0.00396
2032 Apr	0.00059	0.00452	0.0704	0.0000183	11	26.9	0.16	0.00476	373	0.0164	0.0165	0.000124	0.0024	0.000952	0.575	0.0000109	0.00282	0.0016	0.00338	0.00396
2032 May	0.000591	0.00453	0.0705	0.0000183	11	27	0.161	0.00477	373	0.0164	0.0165	0.000124	0.0024	0.000954	0.576	0.000011	0.00282	0.0016	0.00339	0.00396
2032 Jun	0.000583	0.00446	0.0709	0.0000176	10.6	26.4	0.158	0.00459	360	0.0161	0.0161	0.000126	0.00237	0.000936	0.565	0.0000109	0.00265	0.00158	0.00338	0.00381
2032 Jul	0.000564	0.00435	0.0696	0.000017	10.3	25.7	0.154	0.00445	349	0.0156	0.0162	0.000121	0.00231	0.00091	0.562	0.0000115	0.00254	0.00153	0.00332	0.00368
2032 Aug	0.000566	0.00438	0.0684	0.0000167	10.2	25.8	0.155	0.00444	349	0.0157	0.0161	0.000118	0.00233	0.000917	0.564	0.0000115	0.0025	0.00152	0.00332	0.00367
2032 Sep	0.000565	0.00437	0.0674	0.0000165	10.1	25.7	0.154	0.00441	347	0.0156	0.0159	0.000116	0.00232	0.000914	0.562	0.0000115	0.00247	0.00151	0.0033	0.00364
2032 Oct	0.000562	0.00435	0.067	0.0000164	10.1	25.6	0.153	0.00438	344	0.0155	0.0159	0.000115	0.00231	0.000909	0.559	0.0000115	0.00245	0.0015	0.00329	0.00362
2032 Nov	0.000564	0.00437	0.067	0.0000163	10.1	25.7	0.154	0.00439	345	0.0156	0.0159	0.000115	0.00232	0.000912	0.561	0.0000115	0.00245	0.00151	0.00329	0.00363
2032 Dec	0.000565	0.00438	0.067	0.0000163	10.1	25.7	0.154	0.00439	345	0.0156	0.0159	0.000115	0.00232	0.000914	0.562	0.0000115	0.00245	0.00151	0.00329	0.00363
2033 Jan	0.000565	0.00438	0.067	0.0000163	10.1	25.7	0.154	0.00439	345	0.0156	0.0159	0.000115	0.00232	0.000914	0.562	0.0000115	0.00245	0.00151	0.00329	0.00363
2033 Feb	0.000565	0.00438	0.067	0.0000163	10.1	25.7	0.154	0.00439	345	0.0156	0.0159	0.000115	0.00232	0.000914	0.562	0.0000115	0.00245	0.00151	0.00329	0.00363
2033 Mar	0.000565	0.00438	0.067	0.0000163	10.1	25.7	0.154	0.00439	346	0.0156	0.0159	0.000115	0.00232	0.000914	0.562	0.0000115	0.00245	0.00151	0.00329	0.00363
2033 Apr	0.000565	0.00438	0.067	0.0000163	10.1	25.7	0.154	0.0044	346	0.0156	0.0159	0.000115	0.00232	0.000915	0.562	0.0000115	0.00245	0.00151	0.0033	0.00363
2033 May	0.000573	0.00437	0.0701	0.0000162	9.99	25.6	0.155	0.00435	342	0.0156	0.0159	0.000131	0.00231	0.000912	0.56	0.0000114	0.00241	0.00152	0.00329	0.0036
2033 Jun	0.000585	0.00435	0.0747	0.0000158	9.82	25.4	0.157	0.00427	334	0.0154	0.0159	0.000157	0.0023	0.000906	0.563	0.0000117	0.00232	0.00153	0.00328	0.00353
2033 Jul	0.000586	0.00438	0.074	0.0000157	9.8	25.5	0.157	0.00427	334	0.0155	0.0159	0.000156	0.00231	0.00091	0.566	0.0000118	0.00231	0.00153	0.00329	0.00353
2033 Aug	0.000585	0.00437	0.0735	0.0000156	9.76	25.5	0.156	0.00425	332	0.0154	0.0158	0.000154	0.00231	0.000907	0.565	0.0000118	0.00229	0.00153	0.00328	0.00351
2033 Sep	0.000586	0.00439	0.0723	0.0000153	9.68	25.5	0.157	0.00424	331	0.0155	0.0158	0.00015	0.00232	0.000912	0.567	0.0000119	0.00226	0.00152	0.00327	0.0035
2033 Oct	0.000588	0.00443	0.0714	0.000015	9.57	25.6	0.157	0.00423	329	0.0156	0.0157	0.000144	0.00234	0.000918	0.57	0.0000119	0.00221	0.00152	0.00326	0.00349
2033 Nov	0.000588	0.00442	0.0714	0.000015	9.55	25.6	0.157	0.00423	329	0.0156	0.0157	0.000144	0.00234	0.000917	0.569	0.0000119	0.0022	0.00152	0.00326	0.00349
2033 Dec	0.000588	0.00442	0.0714	0.000015	9.55	25.6	0.157	0.00423	329	0.0156	0.0157	0.000144	0.00234	0.000917	0.569	0.0000119	0.0022	0.00152	0.00326	0.00349
2034 Jan	0.000588	0.00442	0.0714	0.000015	9.55	25.6	0.157	0.00423	329	0.0156	0.0157	0.000144	0.00234	0.000917	0.569	0.0000119	0.0022	0.00152	0.00326	0.00349
2034 Feb	0.000588	0.00442	0.0714	0.000015	9.55	25.6	0.157	0.00423	329	0.0156	0.0157	0.000144	0.00234	0.000917	0.569	0.0000119	0.0022	0.00152	0.00326	0.00349

Appendix C.2-26: FZONE02

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Mar	0.000588	0.00442	0.0714	0.000015	9.55	25.6	0.157	0.00423	329	0.0156	0.0157	0.000144	0.00234	0.000917	0.569	0.0000119	0.0022	0.00152	0.00326	0.00349
2034 Apr	0.000588	0.00443	0.0714	0.000015	9.56	25.6	0.157	0.00423	329	0.0156	0.0157	0.000144	0.00234	0.000918	0.569	0.0000119	0.00221	0.00152	0.00326	0.00349
2034 May	0.00059	0.00442	0.0723	0.000015	9.55	25.6	0.157	0.00422	328	0.0156	0.0157	0.000148	0.00233	0.000917	0.57	0.0000119	0.0022	0.00152	0.00326	0.00348
2034 Jun	0.000594	0.00437	0.0761	0.0000148	9.36	25.2	0.157	0.00413	319	0.0153	0.0157	0.000168	0.0023	0.000902	0.566	0.0000119	0.00213	0.00152	0.00324	0.0034
2034 Jul	0.000599	0.00442	0.0753	0.0000146	9.36	25.4	0.158	0.00415	320	0.0155	0.0157	0.000166	0.00233	0.000913	0.571	0.0000121	0.00211	0.00153	0.00326	0.00342
2034 Aug	0.000599	0.00442	0.075	0.0000145	9.33	25.4	0.158	0.00414	319	0.0154	0.0156	0.000165	0.00233	0.000912	0.571	0.0000121	0.0021	0.00153	0.00326	0.00342
2034 Sep	0.000602	0.00446	0.0739	0.0000143	9.28	25.6	0.159	0.00415	318	0.0156	0.0156	0.00016	0.00235	0.00092	0.574	0.0000121	0.00208	0.00153	0.00326	0.00342
2034 Oct	0.000607	0.00451	0.0731	0.0000141	9.22	25.8	0.159	0.00416	318	0.0157	0.0155	0.000156	0.00238	0.000931	0.577	0.0000121	0.00205	0.00154	0.00327	0.00344
2034 Nov	0.000608	0.00452	0.0731	0.0000141	9.22	25.8	0.16	0.00416	318	0.0158	0.0155	0.000156	0.00238	0.000933	0.578	0.0000121	0.00205	0.00154	0.00327	0.00345
2034 Dec	0.000608	0.00452	0.0731	0.0000141	9.22	25.8	0.16	0.00416	318	0.0158	0.0155	0.000156	0.00239	0.000933	0.578	0.0000121	0.00205	0.00154	0.00327	0.00345
2035 Jan	0.000608	0.00452	0.0731	0.0000141	9.22	25.8	0.16	0.00416	318	0.0158	0.0155	0.000156	0.00239	0.000933	0.578	0.0000121	0.00205	0.00154	0.00327	0.00345
2035 Feb	0.000608	0.00452	0.0731	0.0000141	9.22	25.8	0.16	0.00416	318	0.0158	0.0155	0.000156	0.00239	0.000933	0.578	0.0000121	0.00205	0.00154	0.00327	0.00345
2035 Mar	0.000608	0.00452	0.0731	0.0000141	9.22	25.8	0.16	0.00416	318	0.0158	0.0155	0.000156	0.00239	0.000933	0.578	0.0000121	0.00205	0.00154	0.00328	0.00345
2035 Apr	0.000608	0.00452	0.0731	0.0000141	9.23	25.8	0.16	0.00416	318	0.0158	0.0155	0.000156	0.00239	0.000933	0.578	0.0000121	0.00205	0.00154	0.00328	0.00345
2035 May	0.00061	0.00453	0.0734	0.0000142	9.24	25.9	0.16	0.00417	318	0.0158	0.0155	0.000157	0.00239	0.000934	0.579	0.0000121	0.00206	0.00154	0.00328	0.00345
2035 Jun	0.000599	0.0044	0.0753	0.0000139	9	25.1	0.157	0.00404	307	0.0153	0.0155	0.000167	0.00232	0.000905	0.569	0.0000122	0.00198	0.00152	0.00323	0.00333
2035 Jul	0.000593	0.00436	0.075	0.0000138	8.95	24.8	0.156	0.00401	304	0.0152	0.0155	0.000165	0.0023	0.000897	0.568	0.0000123	0.00195	0.0015	0.00322	0.0033
2035 Aug	0.000592	0.00436	0.0744	0.0000137	8.92	24.8	0.156	0.004	302	0.0151	0.0155	0.000164	0.00229	0.000895	0.568	0.0000124	0.00194	0.0015	0.00321	0.00329
2035 Sep	0.000598	0.00443	0.0731	0.0000134	8.86	25.1	0.157	0.00402	301	0.0154	0.0154	0.000158	0.00233	0.00091	0.573	0.0000124	0.00191	0.00151	0.00323	0.00332
2035 Oct	0.000601	0.00445	0.0725	0.0000133	8.81	25.2	0.157	0.00402	300	0.0154	0.0153	0.000155	0.00235	0.000915	0.574	0.0000124	0.00189	0.00151	0.00323	0.00332
2035 Nov	0.0006	0.00445	0.0724	0.0000133	8.8	25.2	0.157	0.00402	300	0.0154	0.0153	0.000154	0.00235	0.000914	0.575	0.0000124	0.00188	0.00151	0.00322	0.00332
2035 Dec	0.000601	0.00445	0.0724	0.0000133	8.8	25.2	0.157	0.00402	300	0.0154	0.0153	0.000154	0.00235	0.000915	0.575	0.0000124	0.00188	0.00151	0.00322	0.00332
2036 Jan	0.000601	0.00445	0.0724	0.0000133	8.8	25.2	0.157	0.00402	300	0.0154	0.0153	0.000154	0.00235	0.000915	0.575	0.0000124	0.00188	0.00151	0.00322	0.00332
2036 Feb	0.000601	0.00445	0.0724	0.0000133	8.8	25.2	0.157	0.00402	300	0.0154	0.0153	0.000154	0.00235	0.000915	0.575	0.0000124	0.00188	0.00151	0.00322	0.00332
2036 Mar	0.000601	0.00445	0.0724	0.0000133	8.8	25.2	0.157	0.00402	300	0.0154	0.0153	0.000154	0.00235	0.000915	0.575	0.0000124	0.00188	0.00151	0.00322	0.00332
2036 Apr	0.000601	0.00445	0.0725	0.0000133	8.8	25.2	0.157	0.00402	300	0.0155	0.0153	0.000154	0.00235	0.000915	0.575	0.0000124	0.00189	0.00151	0.00323	0.00332
2036 May	0.000602	0.00446	0.0727	0.0000133	8.82	25.2	0.158	0.00402	300	0.0155	0.0154	0.000155	0.00235	0.000917	0.576	0.0000124	0.00189	0.00151	0.00323	0.00333
2036 Jun	0.000599	0.00443	0.0728	0.0000132	8.7	25	0.157	0.00398	295	0.0154	0.0153	0.000155	0.00234	0.00091	0.573	0.0000124	0.00185	0.00151	0.00323	0.00329
2036 Jul	0.000595	0.00441	0.0725	0.0000131	8.63	24.8	0.156	0.00395	292	0.0153	0.0153	0.000154	0.00233	0.000904	0.572	0.0000125	0.00182	0.0015	0.00322	0.00327
2036 Aug	0.000594	0.0044	0.0723	0.000013	8.62	24.8	0.155	0.00394	291	0.0152	0.0153	0.000153	0.00232	0.000902	0.571	0.0000125	0.00182	0.00149	0.00321	0.00326
2036 Sep	0.000594	0.00441	0.0717	0.0000129	8.58	24.8	0.155	0.00393	289	0.0152	0.0153	0.000151	0.00232	0.000903	0.571	0.0000125	0.0018	0.00149	0.00321	0.00326
2036 Oct	0.000596	0.00443	0.0712	0.0000128	8.55	24.9	0.156	0.00394	288	0.0153	0.0152	0.000149	0.00234	0.000908	0.573	0.0000125	0.00179	0.00149	0.00321	0.00327
2036 Nov	0.000596	0.00444	0.0711	0.0000128	8.55	24.9	0.156	0.00394	288	0.0153	0.0152	0.000148	0.00234	0.000909	0.573	0.0000125	0.00179	0.00149	0.00321	0.00327
2036 Dec	0.000597	0.00444	0.0711	0.0000128	8.55	24.9	0.156	0.00394	288	0.0153	0.0152	0.000148	0.00234	0.000909	0.573	0.0000125	0.00179	0.00149	0.00321	0.00327
2037 Jan	0.000597	0.00444	0.0711	0.0000128	8.55	24.9	0.156	0.00394	288	0.0153	0.0152	0.000148	0.00234	0.000909	0.573	0.0000125	0.00179	0.00149	0.00321	0.00327
2037 Feb	0.000597	0.00444	0.0711	0.0000128	8.55	24.9	0.156	0.00394	288	0.0153	0.0152	0.000148	0.00234	0.000909	0.573	0.0000125	0.00179	0.00149	0.00321	0.00327
2037 Mar	0.000597	0.00444	0.0711	0.0000128	8.55	24.9	0.156	0.00394	288	0.0153	0.0152	0.000148	0.00234	0.000909	0.573	0.0000125	0.00179	0.00149	0.00321	0.00327
2037 Apr	0.000597	0.00444	0.0711	0.0000128	8.55	24.9	0.156	0.00394	288	0.0153	0.0152	0.000148	0.00234	0.000909	0.574	0.0000125	0.00179	0.00149	0.00321	0.00327
2037 May	0.000598	0.00441	0.0728	0.0000128	8.5	24.7	0.156	0.00391	286	0.0152	0.0152	0.000157	0.00232	0.000902	0.571	0.0000125	0.00177	0.00149	0.0032	0.00324
2037 Jun	0.000597	0.00435	0.0747	0.0000126	8.41	24.4	0.155	0.00385	280	0.015	0.0153	0.000168	0.00229	0.000889	0.569	0.0000126	0.00173	0.00148	0.00318	0.00319
2037 Jul	0.000597	0.00436	0.0746	0.0000126	8.4	24.4	0.155	0.00385	279	0.015	0.0153	0.000168	0.00229	0.000889	0.57	0.0000127	0.00173	0.00148	0.00318	0.00319
2037 Aug	0.000596	0.00435	0.0744	0.0000125	8.39	24.3	0.155	0.00384	279	0.015	0.0153	0.000167	0.00229	0.000888	0.57	0.0000127	0.00172	0.00148	0.00318	0.00318
2037 Sep	0.000594	0.00434	0.074	0.0000125	8.36	24.3	0.154	0.00383	277	0.0149	0.0153	0.000166	0.00228	0.000885	0.569	0.0000127	0.00171	0.00147	0.00317	0.00317
2037 Oct	0.000591	0.00432	0.0737	0.0000124	8.32	24.1	0.154	0.00381	275	0.0148	0.0153	0.000164	0.00227	0.00088	0.567	0.0000127	0.0017	0.00147	0.00315	0.00315
2037 Nov	0.000591	0.00432	0.0737	0.0000124	8.32	24.1	0.153	0.00381	275	0.0148	0.0153	0.000164	0.00227	0.00088	0.567	0.0000128	0.00169	0.00146	0.00315	0.00315
2037 Dec	0.000591	0.00432	0.0737	0.0000124	8.32	24.1	0.154	0.00381	275	0.0148	0.0153	0.000164	0.00227	0.00088	0.568	0.0000128	0.00169	0.00147	0.00315	0.00315
2038 Jan	0.000591	0.00432	0.0737	0.0000124	8.32	24.1	0.154	0.00381	275	0.0148	0.0153	0.000164	0.00227	0.00088	0.568	0.0000128	0.00169	0.00147	0.00315	0.00315
2038 Feb	0.000591	0.00432	0.0737	0.0000124	8.32	24.1	0.154	0.00381	275	0.0148	0.0153	0.000164	0.00227	0.00088	0.568	0.0000128	0.00169	0.00147	0.00315	0.00315
2038 Mar	0.000591	0.00432	0.0737	0.0000124	8.32	24.1	0.154	0.00381	275	0.0148	0.0153	0.000164	0.00227	0.00088	0.568	0.0000128	0.0017	0.00147	0.00315	0.00315
2038 Apr	0.000591	0.00432	0.0737	0.0000124	8.32	24.1	0.154	0.00381	275	0.0148	0.0153	0.000164	0.00227	0.00088	0.568	0.0000128	0.0017	0.00147	0.00315	0.00315
2038 May	0.000592	0.00432	0.0744	0.0000124	8.32	24.1	0.154	0.00381	275	0.0148	0.0153	0.000167	0.00226	0.000879	0.568	0.0000128	0.00169	0.00147	0.00315	0.00315
2038 Jun	0.00059	0.00425	0.0767	0.0000123	8.23	23.7	0.153	0.00375	270	0.0145	0.0154	0.000179	0.00222	0.000863	0.565	0.0000129	0.00166	0.00146	0.00312	0.00309
2038 Jul	0.000593	0.00427	0.077	0.0000124	8.27	23.8	0.154	0.00376	271	0.0146	0.0155	0.00018	0.00223	0.000867	0.567	0.0000129	0.00166	0.00146	0.00314	0.0031
2038 Aug	0.000595	0.00429	0.0773	0.0000124	8.32	23.9	0.154	0.00378	272	0.0147	0.0156	0.00018	0.00224	0.000871	0.572	0.0000131	0.00167	0.00147	0.00315	0.00311
2038 Sep	0.000596	0.0043	0.0773	0.0000124	8.33	23.9	0.155	0.00379	272	0.0147	0.0156	0.000179	0.00225	0.000873	0.574	0.0000132	0.00167	0.00147	0.00316	0.00312
2038 Oct	0.000595	0.0043	0.0772	0.0000124	8.33	23.9	0.155	0.00379	271	0.0147	0.0157	0.000179	0.00225	0.000872	0.575	0.0000132	0.00166	0.00147	0.00316	0.00312
2038 Nov	0.000596	0.0043	0.0772	0.0000124	8.33	23.9	0.155	0.00379	271	0.0147	0.0157	0.000179	0.00225	0.000873	0.575	0.0000132	0.00166	0.00147	0.00316	0.00312
2038 Dec	0.000596	0.0043	0.0772	0.0000124	8.33	23.9	0.155	0.00379	271	0.0147	0.0157	0.000179	0.00225	0.000873	0.575	0.0000132	0.00166	0.00147	0.00316	0.00312

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	31.5	0.0273	0.0349	0.00119	16.4	0.00345	4.23	0.00000742	0.00000742	7.74E-08	0.000196	0.0000896	0.00486	0.000632	0.000000144	1.17	0.000000888	0.0000499
Operation (2024-2031): Mean	1880	1.61	2.05	0.0702	964	0.234	276	0.000424	0.000424	0.00000477	0.0129	0.00546	0.32	0.0283	0.00000914	66.6	0.000054	0.00314
Operation (2024-2031): Max	2900	2.52	3.25	0.111	1530	0.355	433	0.000721	0.000721	0.00000601	0.0175	0.00819	0.498	0.0384	0.0000127	99.4	0.0000788	0.00486
Active Closure (2032-2038): Min	135	0.0849	0.105	0.00436	54.7	0.0432	26.3	0.000475	0.000475	0.00000467	0.00372	0.000699	0.0307	0.00984	0.00000535	12.2	0.0000097	0.00032
Active Closure (2032-2038): Mean	270	0.199	0.249	0.00921	122	0.0596	48.2	0.000898	0.000898	0.00000492	0.00453	0.00111	0.056	0.0113	0.00000564	16.9	0.0000136	0.000567
Active Closure (2032-2038): Max	1470	1.23	1.52	0.0524	718	0.212	244	0.000956	0.000956	0.000005	0.0125	0.00492	0.282	0.0269	0.00000854	60.6	0.0000493	0.00278
Model Predictions (2025-2038)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun																		
2026 Jul																		
2026 Aug																		
2026 Sep																		
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun																		
2027 Jul																		
2027 Aug																		
2027 Sep																		
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		
2028 Apr																		
2028 May																		
2028 Jun																		
2028 Jul																		
2028 Aug																		
2028 Sep																		
2028 Oct																		

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Nov																		
2028 Dec																		
2029 Jan																		
2029 Feb																		
2029 Mar																		
2029 Apr																		
2029 May	31.5	0.0273	0.0349	0.00119	16.4	0.00345	4.23	0.00000742	0.00000742	7.74E-08	0.000196	0.0000896	0.00486	0.000632	0.000000144	1.17	0.000000888	0.0000499
2029 Jun	1130	0.972	1.25	0.0427	587	0.128	151	0.000522	0.000522	0.00000405	0.00898	0.00335	0.176	0.023	0.00000643	42.3	0.0000376	0.00181
2029 Jul	1980	1.71	2.21	0.0758	1040	0.229	268	0.000524	0.000524	0.00000519	0.0121	0.0054	0.309	0.0275	0.00000942	63.9	0.0000505	0.00302
2029 Aug	2900	2.52	3.25	0.111	1530	0.325	393	0.000362	0.000362	0.00000558	0.0157	0.0075	0.453	0.0355	0.0000118	90.8	0.0000701	0.00442
2029 Sep	2650	2.32	2.96	0.101	1390	0.298	358	0.000378	0.000378	0.00000532	0.0155	0.0069	0.413	0.0338	0.000011	84	0.0000673	0.00404
2029 Oct	2150	1.9	2.4	0.0822	1130	0.245	291	0.000377	0.000377	0.00000467	0.0133	0.00568	0.336	0.0287	0.00000928	69.4	0.0000562	0.0033
2029 Nov	2040	1.8	2.28	0.0778	1070	0.234	276	0.000385	0.000385	0.00000456	0.0129	0.00541	0.319	0.0277	0.00000892	66.1	0.0000536	0.00312
2029 Dec	2040	1.8	2.28	0.0778	1070	0.234	276	0.000385	0.000385	0.00000456	0.0129	0.00541	0.319	0.0277	0.00000893	66.2	0.0000536	0.00313
2030 Jan	2040	1.8	2.28	0.0778	1070	0.234	276	0.000385	0.000385	0.00000456	0.0129	0.00541	0.319	0.0277	0.00000893	66.2	0.0000536	0.00313
2030 Feb	2040	1.8	2.28	0.0778	1070	0.234	276	0.000385	0.000385	0.00000456	0.0129	0.00541	0.319	0.0277	0.00000893	66.2	0.0000536	0.00313
2030 Mar	2040	1.8	2.28	0.0779	1070	0.234	276	0.000385	0.000385	0.00000457	0.0129	0.00541	0.319	0.0277	0.00000893	66.2	0.0000536	0.00313
2030 Apr	2040	1.8	2.28	0.0779	1070	0.234	276	0.000385	0.000385	0.00000457	0.0129	0.00541	0.319	0.0277	0.00000893	66.2	0.0000537	0.00313
2030 May	2050	1.81	2.29	0.0784	1080	0.235	278	0.000388	0.000388	0.0000046	0.013	0.00545	0.321	0.0279	0.00000899	66.6	0.000054	0.00315
2030 Jun	1600	1.35	1.74	0.0596	817	0.197	235	0.00052	0.00052	0.00000486	0.0121	0.00472	0.274	0.0242	0.00000859	56.7	0.0000522	0.00271
2030 Jul	1730	1.45	1.88	0.0642	880	0.223	260	0.000564	0.000564	0.00000531	0.0122	0.00528	0.301	0.0272	0.00000942	62.5	0.0000507	0.00295
2030 Aug	2810	2.37	3.07	0.104	1440	0.35	423	0.000389	0.000389	0.00000601	0.0169	0.00809	0.488	0.0382	0.0000127	97.7	0.0000756	0.00476
2030 Sep	2870	2.44	3.13	0.107	1470	0.355	433	0.00032	0.00032	0.00000575	0.0175	0.00819	0.498	0.0384	0.0000126	99.4	0.0000788	0.00486
2030 Oct	1880	1.61	2.03	0.0694	954	0.241	282	0.000453	0.000453	0.00000496	0.0136	0.00559	0.326	0.0293	0.00000941	68.5	0.0000556	0.0032
2030 Nov	1830	1.57	1.99	0.0677	932	0.234	275	0.0004	0.0004	0.00000463	0.013	0.00541	0.318	0.0279	0.00000898	66.2	0.0000537	0.00312
2030 Dec	1830	1.57	1.99	0.0678	932	0.234	275	0.0004	0.0004	0.00000463	0.013	0.00541	0.318	0.0279	0.00000898	66.2	0.0000537	0.00312
2031 Jan	1830	1.57	1.99	0.0678	932	0.234	275	0.0004	0.0004	0.00000463	0.013	0.00541	0.318	0.0279	0.00000898	66.2	0.0000537	0.00312
2031 Feb	1830	1.57	1.99	0.0678	932	0.234	275	0.0004	0.0004	0.00000463	0.013	0.00541	0.318	0.0279	0.00000898	66.2	0.0000537	0.00312
2031 Mar	1830	1.57	1.99	0.0678	932	0.234	275	0.0004	0.0004	0.00000464	0.013	0.00541	0.318	0.0279	0.00000899	66.3	0.0000537	0.00312
2031 Apr	1840	1.58	1.99	0.0679	935	0.234	276	0.000401	0.000401	0.00000465	0.013	0.00543	0.319	0.028	0.00000901	66.4	0.0000539	0.00313
2031 May	1730	1.48	1.87	0.0637	877	0.223	263	0.000437	0.000437	0.00000469	0.0127	0.00529	0.303	0.0299	0.00000884	65.7	0.0000526	0.00301
2031 Jun	1140	0.933	1.18	0.0408	558	0.158	183	0.000721	0.000721	0.00000534	0.0116	0.00413	0.213	0.0293	0.00000821	52.3	0.000047	0.0022
2031 Jul	2000	1.62	2.1	0.0721	985	0.278	332	0.00055	0.00055	0.00000594	0.0149	0.00658	0.384	0.0331	0.0000112	78.7	0.000065	0.00377
2031 Aug	2160	1.76	2.26	0.0775	1060	0.301	359	0.000434	0.000434	0.00000561	0.0149	0.00696	0.415	0.0339	0.0000113	84.3	0.0000645	0.00405
2031 Sep	1840	1.53	1.93	0.0661	906	0.261	306	0.000477	0.000477	0.00000531	0.0145	0.00605	0.354	0.0314	0.0000102	74.1	0.0000594	0.00348
2031 Oct	1450	1.22	1.51	0.052	713	0.21	241	0.000477	0.000477	0.00000468	0.0124	0.00487	0.279	0.0265	0.00000848	59.9	0.0000488	0.00275
2031 Nov	1440	1.21	1.5	0.0517	708	0.209	239	0.000476	0.000476	0.00000466	0.0124	0.00484	0.277	0.0264	0.00000844	59.5	0.0000485	0.00273
2031 Dec	1450	1.21	1.5	0.0517	709	0.209	239	0.000476	0.000476	0.00000467	0.0124	0.00484	0.277	0.0264	0.00000844	59.5	0.0000485	0.00273
2032 Jan	1450	1.21	1.5	0.0517	709	0.209	239	0.000476	0.000476	0.00000467	0.0124	0.00484	0.277	0.0264	0.00000844	59.5	0.0000485	0.00273
2032 Feb	1450	1.21	1.5	0.0517	709	0.209	239	0.000476	0.000476	0.00000467	0.0124	0.00484	0.277	0.0264	0.00000844	59.5	0.0000485	0.00273
2032 Mar	1450	1.21	1.5	0.0517	709	0.209	239	0.000476	0.000476	0.00000467	0.0124	0.00484	0.277	0.0264	0.00000844	59.5	0.0000485	0.00273
2032 Apr	1450	1.21	1.51	0.0518	710	0.209	240	0.000477	0.000477	0.00000467	0.0124	0.00485	0.278	0.0265	0.00000845	59.6	0.0000486	0.00274
2032 May	1470	1.23	1.52	0.0524	718	0.212	244	0.000475	0.000475	0.0000047	0.0125	0.00492	0.282	0.0269	0.00000854	60.6	0.0000493	0.00278
2032 Jun	640	0.497	0.629	0.022	298	0.104	110	0.000754	0.000754	0.00000481	0.00734	0.00239	0.128	0.0166	0.00000652	30.9	0.0000276	0.00131
2032 Jul	483	0.362	0.465	0.0165	221	0.0855	84.7	0.000803	0.000803	0.00000481	0.00577	0.00181	0.0981	0.0131	0.00000612	24.1	0.0000211	0.00102
2032 Aug	333	0.245	0.314	0.0114	152	0.0664	58.2	0.000871	0.000871	0.00000489	0.00475	0.00129	0.0675	0.0112	0.00000577	18.4	0.0000156	0.0007
2032 Sep	262	0.189	0.242	0.009	118	0.0571	45.5	0.000903	0.000903	0.00000493	0.00432	0.00104	0.053	0.0104	0.00000561	15.7	0.0000131	0.000537
2032 Oct	237	0.17	0.217	0.00816	107	0.0539	41.1	0.000914	0.000914	0.00000494	0.00416	0.000948	0.0479	0.0101	0.00000555	14.8	0.0000122	0.00048
2032 Nov	240	0.172	0.219	0.00823	108	0.0542	41.5	0.000914	0.000914	0.00000494	0.00418	0.000956	0.0483	0.0102	0.00000555	14.9	0.0000123	0.000485
2032 Dec	242	0.173	0.221	0.0083	109	0.0545	41.9	0.000912	0.000912	0.00000494	0.00419	0.000963	0.0487	0.0102	0.00000556	15	0.0000123	0.000489
2033 Jan	242	0.173	0.221	0.0083	109	0.0545	41.9	0.000912	0.000912	0.00000494	0.00419	0.000963	0.0487	0.0102	0.00000556	15	0.0000123	0.000489
2033 Feb	242	0.173	0.221	0.0083	109	0.0545	41.9	0.000912	0.000912	0.00000494	0.00419	0.000963	0.0487	0.0102	0.00000556	15	0.0000123	0.000489
2033 Mar	242	0.173	0.221	0.0083	109	0.0545	41.9	0.000912	0.000912	0.00000494	0.00419	0.000963	0.0488	0.0102	0.00000556	15	0.0000123	0.000489
2033 Apr	242	0.173	0.222	0.00831	109	0.0545	41.9	0.000913	0.000913	0.00000494	0.00419	0.000964	0.0488	0.0102	0.00000556	15	0.0000123	0.000489
2033 May	247	0.177	0.226	0.00845	111	0.0552	42.9	0.000912	0.000912	0.00000495	0.00426	0.000998	0.0499	0.0106	0.00000558	15.5	0.0000127	0.000504
2033 Jun	276	0.198	0.252	0.00931	123	0.0593	49	0.000891	0.000891	0.0000049	0.00448	0.00113	0.0568	0.0115	0.00000563	17.1	0.0000139	0.00058
2033 Jul	257	0.183	0.233	0.00867	114	0.057	45.7	0.000902	0.000902	0.00000492	0.00432	0.00106	0.053	0.0111	0.0000056	16.3	0.0000133	0.000548
2033 Aug	227	0.16	0.204	0.00769	101	0.0533	40.4	0.000919	0.000919	0.00000495	0.00413	0.00096	0.0469	0.0107	0.00000555	15.1	0.0000122	0.000487
2033 Sep	213	0.149	0.189	0.00719	93.7	0.0515	38	0.000923	0.000923	0.00000495	0.00405	0.000907	0.0441	0.0104	0.00000551	14.5	0.0000117	0.000451
2033 Oct	213	0.149	0.189	0.00718	93.6	0.0517	38.2	0.000917	0.000917	0.00000492	0.00406	0.00091	0.0444	0.0104	0.00000548	14.6	0.0000117	0.000451
2033 Nov	214	0.15	0.189	0.0072	93.9	0.0518	38.4	0.000916	0.000916	0.00000492	0.00407	0.000913	0.0446	0.0104	0.00000548	14.6	0.0000117	0.000453
2033 Dec	214	0.15	0.189	0.0072	93.9	0.0518	38.4	0.000916	0.000916	0.00000492	0.00407	0.000913	0.0446	0.0104	0.00000548	14.6	0.0000117	0.000453
2034 Jan	214	0.15	0.189	0.0072	93.9	0.0518	38.4	0.000916	0.000916	0.00000492	0.00407	0.000913	0.0446	0.0104	0.00000548	14.6	0.0000117	0.000453
2034 Feb	214	0.15	0.189	0.0072	93.9	0.0518	38.4	0.000916	0.000916	0.00000492	0.00407	0.000913	0.0446	0.0104	0.00000548	14.6	0.0000117	0.000453
2034 Mar	214	0.15	0.189	0.0072	93.9	0.0518	38.4	0.000916	0.000916	0.00000492	0.00407	0.000913	0.0446	0.0104	0.00000548	14.6	0.0000117	0.000453
2034 Apr	214	0.15	0.189	0.00721	94	0.0518	38.4	0.000917	0.000917	0.00000492	0.00408	0.000914	0.0446	0.0104	0.00000549	14.6	0.0000117	0.000453
2034 May	215	0.151	0.19	0.00724	94.4	0.0521	38.6	0.000918	0.000918	0.00000493	0.00409	0.000921	0.0449	0.0105	0.0000055	14.7	0.0000118	0.000456

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2034 Jun	220	0.154	0.194	0.00736	96.2	0.0529	40	0.000913	0.000913	0.00000492	0.00416	0.000959	0.0464	0.0109	0.0000055	15.2	0.0000122	0.000476
2034 Jul	214	0.149	0.187	0.00713	93	0.0523	39	0.000916	0.000916	0.00000493	0.0041	0.000939	0.0453	0.0107	0.0000055	14.9	0.000012	0.000468
2034 Aug	198	0.137	0.172	0.00662	85.9	0.0502	36.1	0.000929	0.000929	0.00000496	0.00401	0.000881	0.0419	0.0105	0.00000549	14.3	0.0000114	0.000435
2034 Sep	190	0.13	0.163	0.00633	81.9	0.0492	34.7	0.000931	0.000931	0.00000496	0.00396	0.00085	0.0403	0.0103	0.00000546	13.9	0.0000111	0.000414
2034 Oct	188	0.129	0.161	0.00626	81	0.0491	34.6	0.000928	0.000928	0.00000494	0.00396	0.000846	0.0402	0.0103	0.00000544	13.9	0.000011	0.000411
2034 Nov	188	0.129	0.162	0.00627	81.1	0.0492	34.7	0.000928	0.000928	0.00000494	0.00396	0.000847	0.0403	0.0103	0.00000545	13.9	0.0000111	0.000411
2034 Dec	188	0.129	0.162	0.00627	81.1	0.0492	34.7	0.000928	0.000928	0.00000494	0.00396	0.000847	0.0403	0.0103	0.00000545	13.9	0.0000111	0.000411
2035 Jan	188	0.129	0.162	0.00627	81.1	0.0492	34.7	0.000928	0.000928	0.00000494	0.00396	0.000847	0.0403	0.0103	0.00000545	13.9	0.0000111	0.000411
2035 Feb	188	0.129	0.162	0.00627	81.1	0.0492	34.7	0.000928	0.000928	0.00000494	0.00396	0.000847	0.0403	0.0103	0.00000545	13.9	0.0000111	0.000411
2035 Mar	188	0.129	0.162	0.00627	81.1	0.0492	34.7	0.000928	0.000928	0.00000494	0.00396	0.000847	0.0403	0.0103	0.00000545	13.9	0.0000111	0.000411
2035 Apr	188	0.129	0.162	0.00627	81.1	0.0492	34.7	0.000928	0.000928	0.00000495	0.00396	0.000848	0.0403	0.0103	0.00000545	13.9	0.0000111	0.000411
2035 May	189	0.129	0.162	0.00629	81.3	0.0493	34.8	0.00093	0.00093	0.00000495	0.00397	0.00085	0.0404	0.0103	0.00000546	14	0.0000111	0.000413
2035 Jun	194	0.132	0.166	0.0064	83	0.0502	36.2	0.000922	0.000922	0.00000493	0.00404	0.000885	0.0421	0.0105	0.00000546	14.3	0.0000115	0.000432
2035 Jul	190	0.129	0.162	0.00626	81	0.0498	35.7	0.000924	0.000924	0.00000494	0.00401	0.000874	0.0415	0.0104	0.00000546	14.2	0.0000114	0.000429
2035 Aug	182	0.123	0.154	0.006	77.4	0.0489	34.4	0.00093	0.00093	0.00000495	0.00395	0.000846	0.0399	0.0103	0.00000545	13.9	0.0000111	0.000413
2035 Sep	177	0.119	0.149	0.00582	74.9	0.0483	33.6	0.000928	0.000928	0.00000494	0.00393	0.00083	0.0391	0.0102	0.00000542	13.7	0.0000109	0.000401
2035 Oct	174	0.116	0.145	0.00572	73.5	0.0479	33.1	0.000929	0.000929	0.00000493	0.00391	0.000819	0.0385	0.0102	0.00000541	13.6	0.0000108	0.000394
2035 Nov	175	0.117	0.146	0.00574	73.9	0.0481	33.4	0.000927	0.000927	0.00000492	0.00392	0.000824	0.0388	0.0102	0.0000054	13.6	0.0000108	0.000397
2035 Dec	175	0.117	0.146	0.00574	73.9	0.0481	33.4	0.000927	0.000927	0.00000492	0.00392	0.000824	0.0388	0.0102	0.0000054	13.6	0.0000108	0.000397
2036 Jan	175	0.117	0.146	0.00574	73.9	0.0481	33.4	0.000927	0.000927	0.00000492	0.00392	0.000824	0.0388	0.0102	0.0000054	13.6	0.0000108	0.000397
2036 Feb	175	0.117	0.146	0.00574	73.9	0.0481	33.4	0.000927	0.000927	0.00000492	0.00392	0.000824	0.0388	0.0102	0.0000054	13.6	0.0000108	0.000397
2036 Mar	175	0.117	0.146	0.00574	73.9	0.0481	33.4	0.000927	0.000927	0.00000492	0.00392	0.000824	0.0388	0.0102	0.0000054	13.6	0.0000108	0.000397
2036 Apr	175	0.117	0.146	0.00575	73.9	0.0481	33.4	0.000927	0.000927	0.00000493	0.00392	0.000824	0.0388	0.0102	0.00000541	13.6	0.0000108	0.000397
2036 May	176	0.117	0.147	0.00576	74.1	0.0482	33.5	0.000928	0.000928	0.00000493	0.00393	0.000826	0.0389	0.0102	0.00000542	13.6	0.0000109	0.000398
2036 Jun	176	0.117	0.146	0.00575	74	0.0484	33.8	0.000925	0.000925	0.00000492	0.00395	0.000835	0.0393	0.0102	0.00000541	13.7	0.000011	0.000403
2036 Jul	172	0.114	0.143	0.00562	72.1	0.048	33.2	0.000928	0.000928	0.00000493	0.00393	0.000824	0.0386	0.0101	0.00000541	13.6	0.0000109	0.000399
2036 Aug	166	0.109	0.136	0.00541	69.1	0.0471	31.8	0.000935	0.000935	0.00000495	0.00388	0.000798	0.0371	0.01	0.00000541	13.3	0.0000106	0.000383
2036 Sep	160	0.105	0.131	0.00522	66.5	0.0463	30.8	0.000938	0.000938	0.00000495	0.00385	0.000775	0.0358	0.00995	0.00000539	13	0.0000104	0.000368
2036 Oct	157	0.103	0.128	0.00513	65.3	0.0459	30.3	0.000937	0.000937	0.00000495	0.00383	0.000765	0.0353	0.0099	0.00000538	12.9	0.0000103	0.000362
2036 Nov	157	0.103	0.128	0.00513	65.4	0.046	30.3	0.000936	0.000936	0.00000494	0.00383	0.000766	0.0354	0.00991	0.00000538	12.9	0.0000103	0.000363
2036 Dec	157	0.103	0.128	0.00513	65.4	0.046	30.4	0.000936	0.000936	0.00000494	0.00383	0.000767	0.0354	0.00991	0.00000538	12.9	0.0000103	0.000363
2037 Jan	157	0.103	0.128	0.00513	65.4	0.046	30.4	0.000936	0.000936	0.00000494	0.00383	0.000767	0.0354	0.00991	0.00000538	12.9	0.0000103	0.000363
2037 Feb	157	0.103	0.128	0.00513	65.4	0.046	30.4	0.000936	0.000936	0.00000494	0.00383	0.000767	0.0354	0.00991	0.00000538	12.9	0.0000103	0.000363
2037 Mar	157	0.103	0.128	0.00513	65.4	0.046	30.4	0.000936	0.000936	0.00000494	0.00383	0.000767	0.0354	0.00991	0.00000538	12.9	0.0000103	0.000363
2037 Apr	158	0.103	0.128	0.00513	65.4	0.046	30.4	0.000937	0.000937	0.00000494	0.00383	0.000767	0.0354	0.00991	0.00000538	12.9	0.0000103	0.000363
2037 May	158	0.103	0.128	0.00514	65.5	0.046	30.5	0.000937	0.000937	0.00000495	0.00384	0.000772	0.0355	0.01	0.00000538	13	0.0000104	0.000365
2037 Jun	158	0.103	0.128	0.00512	65.3	0.0461	30.8	0.000931	0.000931	0.00000492	0.00385	0.000782	0.0358	0.0101	0.00000536	13.1	0.0000105	0.00037
2037 Jul	155	0.1	0.125	0.00501	63.8	0.0457	30.1	0.000936	0.000936	0.00000494	0.00383	0.000769	0.035	0.01	0.00000537	13	0.0000104	0.000364
2037 Aug	150	0.0965	0.12	0.00486	61.6	0.0451	29.1	0.000942	0.000942	0.00000496	0.0038	0.00075	0.0339	0.00996	0.00000537	12.8	0.0000102	0.000353
2037 Sep	145	0.093	0.116	0.00471	59.6	0.0444	28.2	0.000945	0.000945	0.00000497	0.00377	0.000731	0.0329	0.00988	0.00000536	12.6	0.00000999	0.00034
2037 Oct	143	0.0914	0.113	0.00464	58.6	0.0441	27.8	0.000945	0.000945	0.00000496	0.00375	0.000722	0.0324	0.00984	0.00000535	12.5	0.00000991	0.000335
2037 Nov	143	0.0915	0.113	0.00464	58.6	0.0441	27.8	0.000945	0.000945	0.00000496	0.00376	0.000723	0.0324	0.00984	0.00000535	12.5	0.00000991	0.000335
2037 Dec	143	0.0915	0.113	0.00464	58.6	0.0441	27.8	0.000945	0.000945	0.00000496	0.00376	0.000723	0.0324	0.00984	0.00000535	12.5	0.00000991	0.000335
2038 Jan	143	0.0915	0.113	0.00464	58.6	0.0441	27.8	0.000945	0.000945	0.00000496	0.00376	0.000723	0.0324	0.00984	0.00000535	12.5	0.00000991	0.000335
2038 Feb	143	0.0915	0.113	0.00464	58.6	0.0441	27.8	0.000945	0.000945	0.00000496	0.00376	0.000723	0.0324	0.00984	0.00000535	12.5	0.00000991	0.000335
2038 Mar	143	0.0915	0.113	0.00464	58.6	0.0441	27.8	0.000945	0.000945	0.00000496	0.00376	0.000723	0.0324	0.00984	0.00000535	12.5	0.00000991	0.000335
2038 Apr	143	0.0915	0.113	0.00464	58.6	0.0441	27.8	0.000945	0.000945	0.00000496	0.00376	0.000723	0.0324	0.00985	0.00000535	12.5	0.00000991	0.000335
2038 May	143	0.0917	0.114	0.00465	58.7	0.0442	27.9	0.000946	0.000946	0.00000497	0.00376	0.000726	0.0325	0.00988	0.00000536	12.5	0.00000994	0.000336
2038 Jun	143	0.0912	0.113	0.00462	58.4	0.0441	27.9	0.000943	0.000943	0.00000495	0.00377	0.000731	0.0326	0.00997	0.00000535	12.6	0.00000999	0.000338
2038 Jul	140	0.0891	0.11	0.00453	57.2	0.0438	27.4	0.000949	0.000949	0.00000498	0.00375	0.000721	0.0319	0.00994	0.00000536	12.5	0.00000991	0.000333
2038 Aug	137	0.0864	0.107	0.00442	55.6	0.0434	26.7	0.000954	0.000954	0.000005	0.00373	0.000707	0.0311	0.00988	0.00000537	12.3	0.00000977	0.000325
2038 Sep	135	0.0849	0.105	0.00436	54.7	0.0432	26.3	0.000956	0.000956	0.000005	0.00372	0.000699	0.0307	0.00985	0.00000537	12.2	0.0000097	0.00032
2038 Oct	135	0.0851	0.105	0.00436	54.8	0.0432	26.4	0.000955	0.000955	0.000005	0.00373	0.000701	0.0308	0.00986	0.00000537	12.3	0.00000971	0.000321
2038 Nov	135	0.0851	0.105	0.00436	54.8	0.0432	26.4	0.000955	0.000955	0.000005	0.00373	0.000701	0.0308	0.00986	0.00000537	12.3	0.00000971	0.000321
2038 Dec	135	0.0851	0.105	0.00436	54.8	0.0432	26.4	0.000955	0.000955	0.000005	0.00373	0.000701	0.0308	0.00986	0.00000537	12.3	0.00000971	0.000321
2039 Jan	135	0.0851	0.105	0.00436	54.8	0.0432	26.4	0.000955	0.000955	0.000005	0.00373	0.000701	0.0308	0.00986	0.00000537	12.3	0.00000971	0.000321
2039 Feb	135	0.0851	0.105	0.00436	54.8	0.0432	26.4	0.000955	0.000955	0.000005	0.00373	0.000701	0.0308	0.00986	0.00000537	12.3	0.00000971	0.000321
2039 Mar	135	0.0851	0.105	0.00436	54.8	0.0432	26.4	0.000955	0.000955	0.000005	0.00373	0.000701	0.0308	0.00986	0.00000537	12.3	0.00000971	0.000321
2039 Apr	135	0.0851	0.105	0.00436	54.8	0.0432	26.4	0.000955	0.000955	0.000005	0.00373	0.000701	0.0308	0.00986	0.00000537	12.3	0.00000972	0.000321
2039 May	135	0.0852	0.105	0.00437	54.9	0.0433	26.4	0.000957	0.000957	0.00000501	0.00374	0.000702	0.0308	0.00987	0.00000538	12.3	0.00000973	0.000321
2039 Jun	135	0.0845	0.104	0.00434	54.8	0.0433	26.6	0.000953	0.000953	0.00000499	0.00375	0.000707	0.031	0.00987	0.00000536	12.3	0.00000982	0.000324
2039 Jul	136	0.084	0.104	0.00431	54.9	0.0435	26.9	0.000949	0.000949	0.00000498	0.00376	0.000714	0.0314	0.00988	0.00000535	12.4	0.00000989	0.000328
2039 Aug	137	0.084	0.104	0.00431	55.1	0.0437	27.1	0.000951	0.000951	0.00000498	0.00378	0.000719	0.0317	0.00991	0.00000536	12.4	0.00000993	0.00033
2039 Sep	137	0.0841	0.104	0.00432	55.2	0.0438	27.2	0.000952	0.000952	0.00000499	0.00379	0.000722	0.0318	0.00993	0.00000537	12.5	0.00000996	0.000332
2039 Oct	137	0.0841	0.104	0.00431	55.3	0.0439	27.3	0.000952	0.000952	0.00000499	0.00379	0.000724	0.0319	0.00994	0.00000537	12.5	0.00000997	0.000332
2039 Nov	137	0.0841	0.104	0.00431	55.3	0.0439	27.3	0.000952	0.000952	0.00000499	0.00379	0.000724	0.0319	0.00994	0.00000537	12.5	0.00000998	0.000332
2039 Dec	137	0.0841	0.104	0.00431	55.3	0.0439	27.3	0.000952	0.000952	0.00000499	0.00379	0.000724	0.0319	0.00994	0.00000537	12.5	0.00000998	0.000332

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2040 Jan	137	0.0841	0.104	0.00431	55.3	0.0439	27.3	0.000952	0.000952	0.00000499	0.00379	0.000724	0.0319	0.00994	0.00000537	12.5	0.00000998	0.000332
2040 Feb	137	0.0841	0.104	0.00431	55.3	0.0439	27.3	0.000952	0.000952	0.00000499	0.00379	0.000724	0.0319	0.00994	0.00000537	12.5	0.00000998	0.000332
2040 Mar	137	0.0841	0.104	0.00431	55.3	0.0439	27.3	0.000952	0.000952	0.00000499	0.00379	0.000724	0.0319	0.00994	0.00000538	12.5	0.00000998	0.000332
2040 Apr	137	0.0841	0.104	0.00432	55.3	0.0439	27.3	0.000952	0.000952	0.00000499	0.00379	0.000724	0.0319	0.00994	0.00000538	12.5	0.00000998	0.000332
2040 May	138	0.0842	0.104	0.00432	55.4	0.0439	27.3	0.000953	0.000953	0.000005	0.0038	0.000725	0.0319	0.00997	0.00000538	12.5	0.00001	0.000333
2040 Jun	138	0.0837	0.103	0.00428	55.3	0.044	27.5	0.000949	0.000949	0.00000498	0.00381	0.000734	0.0321	0.0101	0.00000537	12.6	0.0000101	0.000336
2040 Jul	139	0.0837	0.103	0.00429	55.6	0.0442	27.7	0.000951	0.000951	0.00000499	0.00383	0.000739	0.0324	0.0101	0.00000538	12.7	0.0000101	0.000339
2040 Aug	139	0.0839	0.103	0.0043	55.8	0.0444	27.9	0.000953	0.000953	0.000005	0.00384	0.000743	0.0326	0.0101	0.0000054	12.7	0.0000102	0.000341
2040 Sep	140	0.0839	0.103	0.0043	55.9	0.0445	28.1	0.000954	0.000954	0.00000501	0.00385	0.000746	0.0328	0.0102	0.0000054	12.8	0.0000102	0.000343
2040 Oct	140	0.084	0.103	0.0043	56	0.0445	28.1	0.000954	0.000954	0.00000501	0.00385	0.000747	0.0328	0.0102	0.00000541	12.8	0.0000102	0.000343
2040 Nov	140	0.084	0.103	0.0043	56	0.0446	28.1	0.000954	0.000954	0.00000501	0.00386	0.000748	0.0329	0.0102	0.00000541	12.8	0.0000102	0.000343
2040 Dec	140	0.084	0.103	0.0043	56	0.0446	28.1	0.000954	0.000954	0.00000501	0.00386	0.000748	0.0329	0.0102	0.00000541	12.8	0.0000102	0.000343
2041 Jan	140	0.084	0.103	0.0043	56	0.0446	28.1	0.000954	0.000954	0.00000501	0.00386	0.000748	0.0329	0.0102	0.00000541	12.8	0.0000102	0.000343
2041 Feb	140	0.084	0.103	0.0043	56	0.0446	28.1	0.000954	0.000954	0.00000501	0.00386	0.000748	0.0329	0.0102	0.00000541	12.8	0.0000102	0.000343
2041 Mar	140	0.084	0.103	0.0043	56	0.0446	28.1	0.000954	0.000954	0.00000501	0.00386	0.000748	0.0329	0.0102	0.00000541	12.8	0.0000102	0.000343
2041 Apr	140	0.084	0.103	0.0043	56	0.0446	28.1	0.000954	0.000954	0.00000501	0.00386	0.000748	0.0329	0.0102	0.00000541	12.8	0.0000102	0.000343
2041 May	140	0.0841	0.103	0.0043	56.1	0.0446	28.2	0.000955	0.000955	0.00000502	0.00386	0.000749	0.0329	0.0102	0.00000541	12.8	0.0000102	0.000344
2041 Jun	140	0.0835	0.103	0.00427	56	0.0446	28.3	0.000952	0.000952	0.000005	0.00388	0.000753	0.0331	0.0102	0.0000054	12.8	0.0000103	0.000346
2041 Jul	141	0.0828	0.102	0.00424	56	0.0447	28.6	0.000948	0.000948	0.00000498	0.00389	0.000759	0.0334	0.0102	0.00000539	12.9	0.0000104	0.000349
2041 Aug	142	0.0831	0.102	0.00426	56.3	0.045	28.8	0.000951	0.000951	0.000005	0.0039	0.000764	0.0336	0.0102	0.00000541	12.9	0.0000105	0.000352
2041 Sep	142	0.0832	0.102	0.00426	56.5	0.0451	28.9	0.000952	0.000952	0.00000501	0.00391	0.000767	0.0338	0.0102	0.00000542	13	0.0000105	0.000353
2041 Oct	142	0.0832	0.102	0.00426	56.5	0.0452	29	0.000952	0.000952	0.00000501	0.00392	0.000768	0.0339	0.0103	0.00000542	13	0.0000105	0.000354
2041 Nov	142	0.0832	0.102	0.00426	56.5	0.0452	29	0.000952	0.000952	0.00000501	0.00392	0.000769	0.0339	0.0103	0.00000542	13	0.0000105	0.000354
2041 Dec	142	0.0832	0.102	0.00426	56.5	0.0452	29	0.000952	0.000952	0.00000501	0.00392	0.000769	0.0339	0.0103	0.00000542	13	0.0000105	0.000354
2042 Jan	142	0.0832	0.102	0.00426	56.5	0.0452	29	0.000952	0.000952	0.00000501	0.00392	0.000769	0.0339	0.0103	0.00000542	13	0.0000105	0.000354
2042 Feb	142	0.0832	0.102	0.00426	56.5	0.0452	29	0.000952	0.000952	0.00000501	0.00392	0.000769	0.0339	0.0103	0.00000542	13	0.0000105	0.000354
2042 Mar	142	0.0832	0.102	0.00426	56.5	0.0452	29	0.000952	0.000952	0.00000501	0.00392	0.000769	0.0339	0.0103	0.00000542	13	0.0000105	0.000354
2042 Apr	142	0.0832	0.102	0.00426	56.6	0.0452	29	0.000952	0.000952	0.00000501	0.00392	0.000769	0.0339	0.0103	0.00000542	13	0.0000105	0.000354
2042 May	143	0.0833	0.102	0.00427	56.7	0.0453	29	0.000954	0.000954	0.00000502	0.00393	0.00077	0.034	0.0103	0.00000543	13	0.0000105	0.000355
2042 Jun	143	0.0829	0.102	0.00425	56.6	0.0453	29.2	0.000952	0.000952	0.00000501	0.00394	0.000775	0.0342	0.0103	0.00000542	13	0.0000106	0.000357
2042 Jul	143	0.0826	0.101	0.00423	56.8	0.0455	29.4	0.00095	0.00095	0.000005	0.00395	0.00078	0.0344	0.0103	0.00000542	13.1	0.0000107	0.00036
2042 Aug	144	0.0824	0.101	0.00422	56.9	0.0456	29.7	0.000949	0.000949	0.000005	0.00396	0.000785	0.0347	0.0103	0.00000542	13.1	0.0000107	0.000363
2042 Sep	144	0.0823	0.101	0.00421	57	0.0458	29.8	0.000948	0.000948	0.000005	0.00397	0.000789	0.0349	0.0103	0.00000542	13.2	0.0000107	0.000364
2042 Oct	145	0.0822	0.101	0.00421	57	0.0458	29.9	0.000947	0.000947	0.00000499	0.00397	0.00079	0.035	0.0103	0.00000542	13.2	0.0000107	0.000365
2042 Nov	145	0.0823	0.101	0.00421	57	0.0458	29.9	0.000947	0.000947	0.00000499	0.00397	0.00079	0.035	0.0103	0.00000542	13.2	0.0000107	0.000365
2042 Dec	145	0.0823	0.101	0.00421	57	0.0458	29.9	0.000947	0.000947	0.00000499	0.00397	0.00079	0.035	0.0103	0.00000542	13.2	0.0000107	0.000365
2043 Jan	145	0.0823	0.101	0.00421	57	0.0458	29.9	0.000947	0.000947	0.00000499	0.00397	0.00079	0.035	0.0103	0.00000542	13.2	0.0000107	0.000365
2043 Feb	145	0.0823	0.101	0.00421	57	0.0458	29.9	0.000947	0.000947	0.00000499	0.00397	0.00079	0.035	0.0103	0.00000542	13.2	0.0000107	0.000365
2043 Mar	145	0.0823	0.101	0.00421	57.1	0.0458	29.9	0.000947	0.000947	0.00000499	0.00397	0.00079	0.035	0.0103	0.00000542	13.2	0.0000107	0.000365
2043 Apr	145	0.0823	0.101	0.00421	57.1	0.0458	29.9	0.000948	0.000948	0.00000499	0.00397	0.000791	0.035	0.0103	0.00000542	13.2	0.0000107	0.000365
2043 May	145	0.0824	0.101	0.00421	57.2	0.0459	30	0.000949	0.000949	0.000005	0.00398	0.000793	0.0351	0.0104	0.00000543	13.2	0.0000108	0.000366
2043 Jun	145	0.082	0.1	0.00419	57.1	0.0459	30.1	0.000946	0.000946	0.00000499	0.00399	0.0008	0.0353	0.0105	0.00000542	13.3	0.0000108	0.000369
2043 Jul	146	0.0822	0.1	0.0042	57.4	0.0462	30.3	0.00095	0.00095	0.00000501	0.00401	0.000805	0.0355	0.0105	0.00000544	13.4	0.0000109	0.000372
2043 Aug	147	0.0825	0.101	0.00421	57.7	0.0464	30.5	0.000953	0.000953	0.00000503	0.00403	0.00081	0.0358	0.0106	0.00000546	13.5	0.000011	0.000374
2043 Sep	147	0.0825	0.101	0.00421	57.9	0.0466	30.7	0.000953	0.000953	0.00000503	0.00404	0.000813	0.0359	0.0106	0.00000547	13.5	0.000011	0.000376
2043 Oct	148	0.0825	0.101	0.00421	57.9	0.0466	30.7	0.000952	0.000952	0.00000503	0.00404	0.000815	0.036	0.0106	0.00000547	13.5	0.000011	0.000377
2043 Nov	148	0.0825	0.1	0.0042	57.9	0.0466	30.7	0.000952	0.000952	0.00000503	0.00405	0.000815	0.036	0.0106	0.00000546	13.5	0.000011	0.000377
2043 Dec	148	0.0825	0.1	0.0042	57.9	0.0466	30.7	0.000952	0.000952	0.00000503	0.00405	0.000815	0.036	0.0106	0.00000546	13.5	0.000011	0.000377
2044 Jan	148	0.0825	0.1	0.0042	57.9	0.0466	30.7	0.000952	0.000952	0.00000503	0.00405	0.000815	0.036	0.0106	0.00000546	13.5	0.000011	0.000377
2044 Feb	148	0.0825	0.1	0.0042	57.9	0.0466	30.7	0.000952	0.000952	0.00000503	0.00405	0.000815	0.036	0.0106	0.00000546	13.5	0.000011	0.000377
2044 Mar	148	0.0825	0.1	0.0042	57.9	0.0466	30.7	0.000952	0.000952	0.00000503	0.00405	0.000815	0.036	0.0106	0.00000546	13.5	0.000011	0.000377
2044 Apr	148	0.0825	0.1	0.0042	57.9	0.0466	30.8	0.000952	0.000952	0.00000503	0.00405	0.000816	0.036	0.0106	0.00000547	13.5	0.000011	0.000377
2044 May	148	0.0826	0.101	0.00421	58	0.0467	30.8	0.000954	0.000954	0.00000503	0.00405	0.000817	0.0361	0.0106	0.00000547	13.6	0.000011	0.000377
2044 Jun	148	0.0819	0.0996	0.00417	57.8	0.0467	31	0.000948	0.000948	0.00000501	0.00406	0.000822	0.0363	0.0106	0.00000545	13.6	0.0000111	0.00038
2044 Jul	149	0.0819	0.0996	0.00417	58.1	0.0469	31.2	0.00095	0.00095	0.00000502	0.00408	0.000827	0.0365	0.0106	0.00000546	13.6	0.0000112	0.000383
2044 Aug	149	0.0823	0.1	0.00419	58.4	0.0471	31.4	0.000954	0.000954	0.00000504	0.0041	0.000832	0.0368	0.0107	0.00000549	13.7	0.0000112	0.000385
2044 Sep	150	0.0821	0.0997	0.00418	58.5	0.0473	31.5	0.000953	0.000953	0.00000504	0.00411	0.000836	0.037	0.0107	0.00000549	13.8	0.0000112	0.000387
2044 Oct	150	0.0821	0.0996	0.00418	58.5	0.0473	31.6	0.000952	0.000952	0.00000503	0.00411	0.000837	0.037	0.0107	0.00000549	13.8	0.0000113	0.000388
2044 Nov	150	0.0821	0.0996	0.00418	58.5	0.0473	31.6	0.000952	0.000952	0.00000503	0.00411	0.000837	0.0371	0.0107	0.00000549	13.8	0.0000113	0.000388
2044 Dec	150	0.0821	0.0996	0.00418	58.5	0.0473	31.6	0.000952	0.000952	0.00000503	0.00411	0.000837	0.0371	0.0107	0.00000549	13.8	0.0000113	0.000388
2045 Jan	150	0.0821	0.0996	0.00418	58.5	0.0473	31.6	0.000952	0.000952	0.00000503	0.00411	0.000837	0.0371	0.0107	0.00000549	13.8	0.0000113	0.000388
2045 Feb	150	0.0821	0.0996	0.00418	58.5	0.0473	31.6	0.000952	0.000952	0.00000503	0.00411	0.000837	0.0371	0.0107	0.00000549	13.8	0.0000113	0.000388
2045 Mar	150	0.0821	0.0996	0.00418	58.5	0.0473	31.6	0.000952	0.000952	0.00000504	0.00411	0.000837	0.0371	0.0107	0.00000549	13.8	0.0000113	0.000388
2045 Apr	150	0.0821	0.0996	0.00418	58.5	0.0473	31.6	0.000952	0.000952	0.00000504	0.00411	0.000837	0.0371	0.0107	0.00000549	13.8	0.0000113	0.000388
2045 May	150	0.0822	0.0997	0.00418	58.6	0.0474	31.7	0.000954	0.000954	0.00000504	0.00412	0.000838	0.0371	0.0107	0.00000549	13.8	0.0000113	0.000388
2045 Jun	150	0.0817	0.0991	0.00416	58.5	0.0474	31.8	0.000951	0.000951	0.00000503	0.00413	0.000842	0.0373	0.0107	0.00000549	13.8	0.0000113	0.00039
2045 Jul	151	0.0817	0.0991	0.00416	58.7	0.0476	32	0.000952	0.000952	0.00000504	0.00415	0.000847	0.0375	0.0107	0.0000055	13.9	0.0000114	0.000392

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Aug	152	0.0819	0.0993	0.00417	59	0.0478	32.2	0.000955	0.000955	0.00000505	0.00417	0.000851	0.0377	0.0108	0.00000551	13.9	0.0000115	0.000395
2045 Sep	152	0.0819	0.0993	0.00417	59.1	0.0479	32.3	0.000955	0.000955	0.00000506	0.00417	0.000854	0.0379	0.0108	0.00000552	14	0.0000115	0.000396
2045 Oct	152	0.0819	0.0993	0.00417	59.2	0.048	32.3	0.000956	0.000956	0.00000506	0.00418	0.000855	0.0379	0.0108	0.00000552	14	0.0000115	0.000397
2045 Nov	152	0.0819	0.0993	0.00417	59.2	0.048	32.3	0.000956	0.000956	0.00000506	0.00418	0.000856	0.038	0.0108	0.00000552	14	0.0000115	0.000397
2045 Dec	152	0.0819	0.0993	0.00417	59.2	0.048	32.3	0.000956	0.000956	0.00000506	0.00418	0.000856	0.038	0.0108	0.00000552	14	0.0000115	0.000397
2046 Jan	152	0.0819	0.0993	0.00417	59.2	0.048	32.3	0.000956	0.000956	0.00000506	0.00418	0.000856	0.038	0.0108	0.00000552	14	0.0000115	0.000397
2046 Feb	152	0.0819	0.0993	0.00417	59.2	0.048	32.3	0.000956	0.000956	0.00000506	0.00418	0.000856	0.038	0.0108	0.00000552	14	0.0000115	0.000397
2046 Mar	152	0.082	0.0993	0.00417	59.2	0.048	32.4	0.000956	0.000956	0.00000506	0.00418	0.000856	0.038	0.0108	0.00000552	14	0.0000115	0.000397
2046 Apr	152	0.082	0.0994	0.00417	59.2	0.048	32.4	0.000956	0.000956	0.00000506	0.00418	0.000856	0.038	0.0108	0.00000553	14	0.0000115	0.000397
2046 May	153	0.0821	0.0995	0.00418	59.3	0.048	32.4	0.000957	0.000957	0.00000507	0.00418	0.000857	0.038	0.0108	0.00000553	14	0.0000115	0.000398
2046 Jun	153	0.0814	0.0986	0.00415	59.1	0.048	32.5	0.000953	0.000953	0.00000505	0.0042	0.000861	0.0382	0.0108	0.00000552	14	0.0000116	0.000399
2046 Jul	153	0.0809	0.098	0.00412	59.2	0.0481	32.7	0.00095	0.00095	0.00000504	0.00421	0.000866	0.0384	0.0108	0.00000551	14	0.0000117	0.000402
2046 Aug	154	0.0811	0.0982	0.00413	59.4	0.0483	32.9	0.000953	0.000953	0.00000505	0.00422	0.000871	0.0387	0.0109	0.00000552	14.1	0.0000117	0.000405
2046 Sep	154	0.081	0.098	0.00412	59.5	0.0484	33.1	0.000952	0.000952	0.00000505	0.00423	0.000874	0.0389	0.0109	0.00000552	14.1	0.0000117	0.000406
2046 Oct	154	0.0809	0.0978	0.00412	59.5	0.0485	33.1	0.000951	0.000951	0.00000504	0.00423	0.000875	0.0389	0.0109	0.00000552	14.2	0.0000117	0.000407
2046 Nov	154	0.0809	0.0978	0.00412	59.5	0.0485	33.2	0.000951	0.000951	0.00000504	0.00423	0.000876	0.0389	0.0109	0.00000552	14.2	0.0000117	0.000407
2046 Dec	154	0.0809	0.0978	0.00412	59.5	0.0485	33.2	0.000951	0.000951	0.00000504	0.00423	0.000876	0.0389	0.0109	0.00000552	14.2	0.0000117	0.000407
2047 Jan	154	0.0809	0.0978	0.00412	59.5	0.0485	33.2	0.000951	0.000951	0.00000504	0.00423	0.000876	0.0389	0.0109	0.00000552	14.2	0.0000117	0.000407
2047 Feb	154	0.0809	0.0978	0.00412	59.5	0.0485	33.2	0.000951	0.000951	0.00000504	0.00423	0.000876	0.0389	0.0109	0.00000552	14.2	0.0000117	0.000407
2047 Mar	154	0.0809	0.0978	0.00412	59.6	0.0485	33.2	0.000951	0.000951	0.00000504	0.00423	0.000876	0.0389	0.0109	0.00000552	14.2	0.0000117	0.000407
2047 Apr	154	0.0809	0.0978	0.00412	59.6	0.0485	33.2	0.000951	0.000951	0.00000504	0.00423	0.000876	0.039	0.0109	0.00000552	14.2	0.0000117	0.000407
2047 May	155	0.081	0.0978	0.00412	59.6	0.0485	33.2	0.000952	0.000952	0.00000505	0.00424	0.000878	0.039	0.0109	0.00000552	14.2	0.0000118	0.000408
2047 Jun	155	0.0806	0.0971	0.00409	59.6	0.0486	33.4	0.000948	0.000948	0.00000503	0.00425	0.000885	0.0392	0.011	0.00000551	14.3	0.0000118	0.000411
2047 Jul	156	0.0808	0.0974	0.0041	59.9	0.0488	33.6	0.000952	0.000952	0.00000505	0.00427	0.00089	0.0394	0.0111	0.00000553	14.4	0.0000119	0.000413
2047 Aug	156	0.0811	0.0977	0.00412	60.2	0.049	33.8	0.000955	0.000955	0.00000507	0.00429	0.000895	0.0397	0.0111	0.00000555	14.4	0.000012	0.000416
2047 Sep	157	0.081	0.0975	0.00411	60.3	0.0492	33.9	0.000954	0.000954	0.00000507	0.00429	0.000898	0.0399	0.0111	0.00000555	14.5	0.000012	0.000418
2047 Oct	157	0.0809	0.0973	0.0041	60.3	0.0492	34	0.000953	0.000953	0.00000506	0.0043	0.000899	0.0399	0.0111	0.00000555	14.5	0.000012	0.000418
2047 Nov	157	0.0809	0.0973	0.0041	60.3	0.0492	34	0.000953	0.000953	0.00000506	0.0043	0.0009	0.0399	0.0111	0.00000555	14.5	0.000012	0.000419
2047 Dec	157	0.0809	0.0973	0.0041	60.3	0.0492	34	0.000953	0.000953	0.00000506	0.0043	0.0009	0.04	0.0111	0.00000555	14.5	0.000012	0.000419
2048 Jan	157	0.0809	0.0973	0.0041	60.3	0.0492	34	0.000953	0.000953	0.00000506	0.0043	0.0009	0.04	0.0111	0.00000555	14.5	0.000012	0.000419
2048 Feb	157	0.0809	0.0973	0.0041	60.3	0.0492	34	0.000953	0.000953	0.00000506	0.0043	0.0009	0.04	0.0111	0.00000555	14.5	0.000012	0.000419
2048 Mar	157	0.0809	0.0973	0.0041	60.3	0.0492	34	0.000953	0.000953	0.00000506	0.0043	0.0009	0.04	0.0111	0.00000555	14.5	0.000012	0.000419
2048 May	157	0.0811	0.0975	0.00411	60.4	0.0493	34.1	0.000954	0.000954	0.00000507	0.0043	0.000901	0.04	0.0111	0.00000556	14.5	0.000012	0.000419
2048 Jun	157	0.0804	0.0967	0.00408	60.3	0.0493	34.2	0.00095	0.00095	0.00000505	0.00431	0.000905	0.0402	0.0111	0.00000554	14.5	0.0000121	0.000421
2048 Jul	158	0.08	0.0961	0.00406	60.3	0.0494	34.4	0.000949	0.000949	0.00000504	0.00433	0.00091	0.0404	0.0111	0.00000554	14.5	0.0000122	0.000424
2048 Aug	158	0.0801	0.0962	0.00406	60.6	0.0496	34.6	0.00095	0.00095	0.00000505	0.00434	0.000915	0.0407	0.0112	0.00000555	14.6	0.0000122	0.000426
2048 Sep	159	0.0801	0.0961	0.00406	60.7	0.0497	34.7	0.00095	0.00095	0.00000505	0.00435	0.000918	0.0408	0.0112	0.00000555	14.6	0.0000122	0.000428
2048 Oct	159	0.08	0.096	0.00405	60.7	0.0498	34.8	0.000949	0.000949	0.00000505	0.00435	0.000919	0.0409	0.0112	0.00000555	14.7	0.0000122	0.000428
2048 Nov	159	0.08	0.096	0.00405	60.7	0.0498	34.8	0.000949	0.000949	0.00000505	0.00435	0.000919	0.0409	0.0112	0.00000555	14.7	0.0000122	0.000429
2048 Dec	159	0.08	0.096	0.00405	60.7	0.0498	34.8	0.000949	0.000949	0.00000505	0.00435	0.000919	0.0409	0.0112	0.00000555	14.7	0.0000122	0.000429
2049 Jan	159	0.08	0.096	0.00405	60.7	0.0498	34.8	0.000949	0.000949	0.00000505	0.00435	0.000919	0.0409	0.0112	0.00000555	14.7	0.0000122	0.000429
2049 Feb	159	0.08	0.096	0.00405	60.7	0.0498	34.8	0.000949	0.000949	0.00000505	0.00435	0.000919	0.0409	0.0112	0.00000555	14.7	0.0000122	0.000429
2049 Mar	159	0.08	0.096	0.00405	60.7	0.0498	34.8	0.000949	0.000949	0.00000505	0.00435	0.00092	0.0409	0.0112	0.00000555	14.7	0.0000122	0.000429
2049 Apr	159	0.0801	0.096	0.00406	60.8	0.0498	34.8	0.000949	0.000949	0.00000505	0.00435	0.00092	0.0409	0.0112	0.00000556	14.7	0.0000122	0.000429
2049 May	159	0.0801	0.0961	0.00406	60.8	0.0498	34.9	0.000951	0.000951	0.00000506	0.00436	0.000921	0.041	0.0112	0.00000556	14.7	0.0000123	0.000429
2049 Jun	159	0.0794	0.0952	0.00403	60.7	0.0498	35	0.000946	0.000946	0.00000504	0.00437	0.000924	0.0411	0.0112	0.00000554	14.7	0.0000123	0.000431
2049 Jul	160	0.0792	0.0949	0.00402	60.8	0.0499	35.2	0.000946	0.000946	0.00000504	0.00438	0.000929	0.0414	0.0112	0.00000555	14.7	0.0000124	0.000434
2049 Aug	161	0.0795	0.0953	0.00403	61.1	0.0502	35.4	0.00095	0.00095	0.00000506	0.0044	0.000935	0.0416	0.0113	0.00000557	14.8	0.0000125	0.000436
2049 Sep	161	0.0795	0.0952	0.00403	61.2	0.0503	35.6	0.000949	0.000949	0.00000506	0.00441	0.000938	0.0418	0.0113	0.00000557	14.8	0.0000125	0.000438
2049 Oct	161	0.0794	0.095	0.00402	61.3	0.0504	35.6	0.000948	0.000948	0.00000505	0.00441	0.000939	0.0419	0.0113	0.00000557	14.9	0.0000125	0.000439
2049 Nov	161	0.0794	0.095	0.00402	61.3	0.0504	35.6	0.000948	0.000948	0.00000505	0.00442	0.00094	0.0419	0.0113	0.00000557	14.9	0.0000125	0.000439
2049 Dec	161	0.0794	0.095	0.00402	61.3	0.0504	35.6	0.000948	0.000948	0.00000505	0.00442	0.00094	0.0419	0.0113	0.00000557	14.9	0.0000125	0.000439
2050 Jan	161	0.0794	0.095	0.00402	61.3	0.0504	35.6	0.000948	0.000948	0.00000505	0.00442	0.00094	0.0419	0.0113	0.00000557	14.9	0.0000125	0.000439
2050 Feb	161	0.0794	0.095	0.00402	61.3	0.0504	35.6	0.000948	0.000948	0.00000505	0.00442	0.00094	0.0419	0.0113	0.00000557	14.9	0.0000125	0.000439
2050 Mar	161	0.0794	0.095	0.00402	61.3	0.0504	35.6	0.000948	0.000948	0.00000505	0.00442	0.00094	0.0419	0.0113	0.00000557	14.9	0.0000125	0.000439
2050 Apr	161	0.0795	0.095	0.00402	61.3	0.0504	35.7	0.000948	0.000948	0.00000505	0.00442	0.00094	0.0419	0.0113	0.00000557	14.9	0.0000125	0.000439
2050 May	162	0.0795	0.0951	0.00403	61.4	0.0505	35.7	0.000949	0.000949	0.00000506	0.00442	0.000941	0.042	0.0113	0.00000558	14.9	0.0000125	0.00044
2050 Jun	162	0.079	0.0944	0.004	61.3	0.0504	35.8	0.000946	0.000946	0.00000505	0.00443	0.000945	0.0421	0.0113	0.00000556	14.9	0.0000126	0.000441
2050 Jul	162	0.0786	0.0939	0.00398	61.3	0.0505	36	0.000944	0.000944	0.00000504	0.00444	0.000949	0.0424	0.0113	0.00000556	14.9	0.0000126	0.000444
2050 Aug	163	0.0788	0.0941	0.00399	61.6	0.0508	36.2	0.000946	0.000946	0.00000505	0.00446	0.000954	0.0426	0.0113	0.00000557	15	0.0000127	0.000446
2050 Sep	163	0.0788	0.0941	0.00399	61.7	0.0509	36.3	0.000946	0.000946	0.00000505	0.00446	0.000957	0.0427	0.0114	0.00000558	15	0.0000127	0.000447
2050 Oct	163	0.0789	0.0941	0.00399	61.8	0.0509	36.4	0.000947	0.000947	0.00000505	0.00447	0.000958	0.0428	0.0114	0.00000558	15.1	0.0000127	0.000448
2050 Nov	163	0.0789	0.0942	0.00399	61.8	0.0509	36.4	0.000947	0.000947	0.00000505	0.00447	0.000958	0.0428	0.0114	0.00000558	15.1	0.0000127	0.000448
2050 Dec	163	0.0789	0.0942	0.00399	61.8	0.0509	36.4	0.000947	0.000947	0.00000506	0.00447	0.000958	0.0428	0.0114	0.00000558	15.1	0.0000127	0.000448
2051 Jan	163	0.0789	0.0942	0.00399	61.8	0.0509	36.4	0.000947	0.000947	0.00000506	0.00447	0.000958	0.0428	0.0114	0.00000558	15.1	0.0000127	0.000448
2051 Feb	163	0.0789	0.0942	0.00399	61.8	0.0509	36.4	0.000947	0.000947	0.00000506	0.00447	0.000958	0.0428	0.0114	0.00000558	15.1	0.0000127	0.000448

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2051 Mar	163	0.0789	0.0942	0.00399	61.8	0.0509	36.4	0.000947	0.000947	0.00000506	0.00447	0.000958	0.0428	0.0114	0.00000558	15.1	0.0000127	0.000448
2051 Apr	163	0.0789	0.0942	0.00399	61.8	0.051	36.4	0.000947	0.000947	0.00000506	0.00447	0.000959	0.0428	0.0114	0.00000559	15.1	0.0000127	0.000448
2051 May	164	0.079	0.0943	0.004	61.9	0.051	36.4	0.000949	0.000949	0.00000506	0.00448	0.00096	0.0429	0.0114	0.00000559	15.1	0.0000127	0.000449
2051 Jun	164	0.0782	0.0932	0.00395	61.7	0.0509	36.5	0.000943	0.000943	0.00000503	0.00448	0.000965	0.043	0.0114	0.00000557	15.1	0.0000128	0.000451
2051 Jul	164	0.0781	0.093	0.00395	61.9	0.0511	36.8	0.000943	0.000943	0.00000504	0.0045	0.000971	0.0433	0.0115	0.00000557	15.2	0.0000129	0.000454
2051 Aug	165	0.0781	0.093	0.00395	62.1	0.0513	37	0.000944	0.000944	0.00000504	0.00451	0.000976	0.0435	0.0115	0.00000558	15.3	0.0000129	0.000457
2051 Sep	165	0.078	0.0928	0.00394	62.2	0.0514	37.1	0.000942	0.000942	0.00000504	0.00452	0.000979	0.0437	0.0115	0.00000558	15.3	0.0000129	0.000458
2051 Oct	165	0.0778	0.0923	0.00392	62.1	0.0514	37.2	0.000939	0.000939	0.00000502	0.00452	0.00098	0.0438	0.0115	0.00000556	15.3	0.0000129	0.000459
2051 Nov	165	0.0778	0.0922	0.00392	62.1	0.0514	37.2	0.000939	0.000939	0.00000502	0.00452	0.00098	0.0438	0.0115	0.00000556	15.3	0.0000129	0.000459
2051 Dec	165	0.0778	0.0923	0.00392	62.1	0.0514	37.2	0.000939	0.000939	0.00000502	0.00452	0.000981	0.0438	0.0115	0.00000556	15.3	0.0000129	0.000459
2052 Jan	165	0.0778	0.0923	0.00392	62.1	0.0514	37.2	0.000939	0.000939	0.00000502	0.00452	0.000981	0.0438	0.0115	0.00000556	15.3	0.0000129	0.000459
2052 Feb	165	0.0778	0.0923	0.00392	62.1	0.0514	37.2	0.000939	0.000939	0.00000502	0.00452	0.000981	0.0438	0.0115	0.00000556	15.3	0.0000129	0.000459
2052 Mar	165	0.0778	0.0923	0.00392	62.1	0.0514	37.2	0.000939	0.000939	0.00000502	0.00452	0.000981	0.0438	0.0115	0.00000556	15.3	0.0000129	0.000459
2052 Apr	165	0.0779	0.0923	0.00392	62.1	0.0514	37.2	0.000939	0.000939	0.00000502	0.00452	0.000981	0.0438	0.0115	0.00000557	15.3	0.0000129	0.000459
2052 May	166	0.0779	0.0923	0.00392	62.2	0.0515	37.3	0.00094	0.00094	0.00000503	0.00452	0.000983	0.0439	0.0115	0.00000557	15.3	0.000013	0.00046
2052 Jun	166	0.0777	0.0919	0.00391	62.2	0.0515	37.4	0.000939	0.000939	0.00000502	0.00454	0.000988	0.044	0.0116	0.00000557	15.4	0.000013	0.000462
2052 Jul	167	0.0777	0.0919	0.00391	62.4	0.0518	37.6	0.00094	0.00094	0.00000503	0.00455	0.000994	0.0443	0.0116	0.00000558	15.5	0.0000131	0.000465
2052 Aug	167	0.0778	0.092	0.00391	62.7	0.052	37.8	0.000941	0.000941	0.00000504	0.00456	0.000998	0.0446	0.0117	0.00000559	15.5	0.0000131	0.000467
2052 Sep	168	0.0777	0.0919	0.00391	62.8	0.0521	38	0.000941	0.000941	0.00000504	0.00457	0.001	0.0447	0.0117	0.00000559	15.5	0.0000131	0.000469
2052 Oct	168	0.0777	0.0918	0.00391	62.8	0.0521	38	0.000941	0.000941	0.00000504	0.00457	0.001	0.0448	0.0117	0.00000559	15.6	0.0000132	0.00047
2052 Nov	168	0.0778	0.0918	0.00391	62.8	0.0521	38	0.000941	0.000941	0.00000504	0.00457	0.001	0.0448	0.0117	0.00000559	15.6	0.0000132	0.00047
2052 Dec	168	0.0778	0.0918	0.00391	62.8	0.0521	38	0.000941	0.000941	0.00000504	0.00458	0.001	0.0448	0.0117	0.00000559	15.6	0.0000132	0.00047
2053 Jan	168	0.0778	0.0918	0.00391	62.8	0.0521	38	0.000941	0.000941	0.00000504	0.00458	0.001	0.0448	0.0117	0.00000559	15.6	0.0000132	0.00047
2053 Feb	168	0.0778	0.0918	0.00391	62.8	0.0521	38	0.000941	0.000941	0.00000504	0.00458	0.001	0.0448	0.0117	0.0000056	15.6	0.0000132	0.00047
2053 Mar	168	0.0778	0.0919	0.00391	62.8	0.0522	38	0.000941	0.000941	0.00000504	0.00458	0.001	0.0448	0.0117	0.0000056	15.6	0.0000132	0.00047
2053 Apr	168	0.0778	0.0919	0.00391	62.9	0.0522	38.1	0.000941	0.000941	0.00000504	0.00458	0.001	0.0448	0.0117	0.0000056	15.6	0.0000132	0.00047
2053 May	168	0.0778	0.0918	0.00391	62.9	0.0522	38.1	0.000942	0.000942	0.00000505	0.00458	0.00101	0.0449	0.0117	0.0000056	15.6	0.0000132	0.000471
2053 Jun	168	0.0773	0.091	0.00388	62.8	0.0521	38.2	0.000937	0.000937	0.00000502	0.00459	0.00101	0.045	0.0118	0.00000558	15.7	0.0000133	0.000473
2053 Jul	169	0.0775	0.0912	0.00388	63.1	0.0524	38.5	0.00094	0.00094	0.00000504	0.00461	0.00102	0.0453	0.0119	0.0000056	15.8	0.0000133	0.000476
2053 Aug	170	0.0777	0.0915	0.0039	63.4	0.0527	38.7	0.000943	0.000943	0.00000506	0.00463	0.00102	0.0455	0.0119	0.00000562	15.9	0.0000134	0.000479
2053 Sep	171	0.0779	0.0917	0.00391	63.6	0.0528	38.8	0.000945	0.000945	0.00000507	0.00464	0.00103	0.0457	0.0119	0.00000563	15.9	0.0000134	0.000481
2053 Oct	171	0.0779	0.0917	0.00391	63.7	0.0529	38.9	0.000945	0.000945	0.00000507	0.00464	0.00103	0.0458	0.012	0.00000564	15.9	0.0000134	0.000481
2053 Nov	171	0.0779	0.0917	0.00391	63.7	0.0529	38.9	0.000945	0.000945	0.00000507	0.00464	0.00103	0.0458	0.012	0.00000564	15.9	0.0000134	0.000481
2053 Dec	171	0.0779	0.0917	0.00391	63.7	0.0529	38.9	0.000945	0.000945	0.00000507	0.00464	0.00103	0.0458	0.012	0.00000564	15.9	0.0000134	0.000481
2054 Jan	171	0.0779	0.0917	0.00391	63.7	0.0529	38.9	0.000945	0.000945	0.00000507	0.00464	0.00103	0.0458	0.012	0.00000564	15.9	0.0000134	0.000481
2054 Feb	171	0.0779	0.0917	0.00391	63.7	0.0529	38.9	0.000945	0.000945	0.00000507	0.00464	0.00103	0.0458	0.012	0.00000564	15.9	0.0000134	0.000481
2054 Mar	171	0.0779	0.0917	0.00391	63.7	0.0529	38.9	0.000945	0.000945	0.00000507	0.00464	0.00103	0.0458	0.012	0.00000564	15.9	0.0000134	0.000481
2054 Apr	171	0.078	0.0917	0.00391	63.7	0.0529	38.9	0.000946	0.000946	0.00000507	0.00465	0.00103	0.0458	0.012	0.00000564	15.9	0.0000134	0.000482
2054 May	171	0.078	0.0918	0.00391	63.8	0.053	39	0.000947	0.000947	0.00000508	0.00465	0.00103	0.0459	0.012	0.00000565	16	0.0000135	0.000482
2054 Jun	171	0.0775	0.091	0.00388	63.6	0.0529	39.1	0.000942	0.000942	0.00000505	0.00465	0.00103	0.046	0.012	0.00000563	16	0.0000135	0.000484
2054 Jul	172	0.0773	0.0907	0.00387	63.8	0.053	39.3	0.000941	0.000941	0.00000505	0.00466	0.00104	0.0462	0.012	0.00000563	16	0.0000136	0.000487
2054 Aug	172	0.0773	0.0907	0.00387	64	0.0532	39.5	0.000942	0.000942	0.00000506	0.00468	0.00104	0.0465	0.0121	0.00000563	16.1	0.0000136	0.000489
2054 Sep	173	0.0773	0.0907	0.00387	64.1	0.0534	39.6	0.000942	0.000942	0.00000506	0.00468	0.00105	0.0466	0.0121	0.00000564	16.1	0.0000136	0.000491
2054 Oct	173	0.0773	0.0905	0.00386	64.1	0.0534	39.7	0.000941	0.000941	0.00000506	0.00469	0.00105	0.0467	0.0121	0.00000564	16.1	0.0000136	0.000491
2054 Nov	173	0.0772	0.0905	0.00386	64.1	0.0534	39.7	0.000941	0.000941	0.00000505	0.00469	0.00105	0.0467	0.0121	0.00000564	16.1	0.0000136	0.000492
2054 Dec	173	0.0773	0.0905	0.00386	64.1	0.0534	39.7	0.000941	0.000941	0.00000506	0.00469	0.00105	0.0467	0.0121	0.00000564	16.1	0.0000136	0.000492
2055 Jan	173	0.0773	0.0905	0.00386	64.1	0.0534	39.7	0.000941	0.000941	0.00000506	0.00469	0.00105	0.0467	0.0121	0.00000564	16.1	0.0000136	0.000492
2055 Feb	173	0.0773	0.0905	0.00386	64.1	0.0534	39.7	0.000941	0.000941	0.00000506	0.00469	0.00105	0.0467	0.0121	0.00000564	16.1	0.0000136	0.000492
2055 Mar	173	0.0773	0.0905	0.00386	64.1	0.0534	39.7	0.000941	0.000941	0.00000506	0.00469	0.00105	0.0467	0.0121	0.00000564	16.2	0.0000136	0.000492
2055 Apr	173	0.0773	0.0905	0.00386	64.2	0.0534	39.7	0.000941	0.000941	0.00000506	0.00469	0.00105	0.0467	0.0121	0.00000564	16.2	0.0000136	0.000492
2055 May	173	0.0774	0.0906	0.00387	64.2	0.0535	39.7	0.000942	0.000942	0.00000506	0.00469	0.00105	0.0468	0.0121	0.00000564	16.2	0.0000137	0.000492
2055 Jun	173	0.0767	0.0898	0.00384	64	0.0534	39.8	0.000938	0.000938	0.00000504	0.0047	0.00105	0.0468	0.0121	0.00000562	16.2	0.0000137	0.000493
2055 Jul	174	0.0765	0.0895	0.00383	64.2	0.0535	40	0.000938	0.000938	0.00000504	0.00471	0.00106	0.0471	0.0121	0.00000563	16.2	0.0000138	0.000496
2055 Aug	174	0.0767	0.0897	0.00384	64.4	0.0538	40.2	0.00094	0.00094	0.00000506	0.00473	0.00106	0.0474	0.0121	0.00000565	16.3	0.0000138	0.000498
2055 Sep	175	0.0766	0.0897	0.00384	64.5	0.0539	40.3	0.00094	0.00094	0.00000506	0.00474	0.00106	0.0475	0.0121	0.00000565	16.3	0.0000138	0.0005
2055 Oct	175	0.0767	0.0897	0.00384	64.6	0.0539	40.4	0.00094	0.00094	0.00000506	0.00474	0.00107	0.0476	0.0122	0.00000565	16.3	0.0000139	0.0005
2055 Nov	175	0.0767	0.0897	0.00384	64.6	0.0539	40.4	0.000941	0.000941	0.00000506	0.00474	0.00107	0.0476	0.0122	0.00000565	16.3	0.0000139	0.0005
2055 Dec	175	0.0767	0.0897	0.00384	64.6	0.054	40.4	0.000941	0.000941	0.00000506	0.00474	0.00107	0.0476	0.0122	0.00000565	16.3	0.0000139	0.0005
2056 Jan	175	0.0767	0.0897	0.00384	64.6	0.054	40.4	0.000941	0.000941	0.00000506	0.00474	0.00107	0.0476	0.0122	0.00000565	16.3	0.0000139	0.000501
2056 Feb	175	0.0767	0.0897	0.00384	64.6	0.054	40.4	0.000941	0.000941	0.00000506	0.00474	0.00107	0.0476	0.0122	0.00000565	16.3	0.0000139	0.000501
2056 Mar	175	0.0767	0.0897	0.00384	64.6	0.054	40.4	0.000941	0.000941	0.00000506	0.00474	0.00107	0.0476	0.0122	0.00000565	16.3	0.0000139	0.000501
2056 Apr	175	0.0767	0.0897	0.00384	64.6	0.054	40.4	0.000941	0.000941	0.00000506	0.00474	0.00107	0.0476	0.0122	0.00000566	16.3	0.0000139	0.000501
2056 May	175	0.0768	0.0897	0.00384	64.7	0.054	40.5	0.000942	0.000942	0.00000507	0.00475	0.00107	0.0477	0.0122	0.00000566	16.4	0.0000139	0.000501
2056 Jun	175	0.0763	0.089	0.00381	64.6	0.0539	40.6	0.000937	0.000937	0.00000505	0.00475	0.00107	0.0478	0.0123	0.00000564	16.4	0.0000139	0.000504
2056 Jul	176	0.0765	0.0892	0.00382	64.9	0.0542	40.8	0.00094	0.00094	0.00000506	0.00477	0.00108	0.0481	0.0123	0.00000566	16.5	0.000014	0.000506
2056 Aug	177	0.0766	0.0893	0.00382	65.1	0.0544	41	0.000942	0.000942	0.00000507	0.00479	0.00109	0.0483	0.0124	0.00000567	16.6	0.0000141	0.000509
2056 Sep	177	0.0767	0.0894	0.00383	65.3	0.0546	41.2	0.000943	0.000943	0.00000508	0.0048	0.00109	0.0485	0.0124	0.00000569	16.6	0.0000141	0.000511

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Oct	178	0.0766	0.0892	0.00382	65.3	0.0546	41.2	0.000942	0.000942	0.00000508	0.0048	0.00109	0.0486	0.0124	0.00000568	16.6	0.0000141	0.000511
2056 Nov	178	0.0766	0.0892	0.00382	65.3	0.0546	41.2	0.000942	0.000942	0.00000508	0.0048	0.00109	0.0486	0.0124	0.00000568	16.6	0.0000141	0.000512
2056 Dec	178	0.0766	0.0892	0.00382	65.3	0.0546	41.2	0.000942	0.000942	0.00000508	0.0048	0.00109	0.0486	0.0124	0.00000568	16.6	0.0000141	0.000512
2057 Jan	178	0.0767	0.0892	0.00382	65.3	0.0546	41.2	0.000942	0.000942	0.00000508	0.0048	0.00109	0.0486	0.0124	0.00000568	16.6	0.0000141	0.000512
2057 Feb	178	0.0767	0.0892	0.00382	65.3	0.0546	41.2	0.000942	0.000942	0.00000508	0.0048	0.00109	0.0486	0.0124	0.00000568	16.6	0.0000141	0.000512
2057 Mar	178	0.0767	0.0892	0.00382	65.4	0.0546	41.2	0.000942	0.000942	0.00000508	0.0048	0.00109	0.0486	0.0124	0.00000568	16.6	0.0000141	0.000512
2057 Apr	178	0.0767	0.0892	0.00382	65.4	0.0547	41.3	0.000942	0.000942	0.00000508	0.0048	0.00109	0.0486	0.0124	0.00000568	16.6	0.0000141	0.000512
2057 May	178	0.0768	0.0893	0.00383	65.5	0.0547	41.3	0.000944	0.000944	0.00000509	0.00481	0.00109	0.0487	0.0124	0.00000569	16.7	0.0000141	0.000513
2057 Jun	178	0.0762	0.0885	0.00379	65.3	0.0546	41.4	0.000939	0.000939	0.00000506	0.00482	0.0011	0.0487	0.0125	0.00000567	16.7	0.0000142	0.000514
2057 Jul	179	0.0762	0.0886	0.0038	65.5	0.0548	41.6	0.000941	0.000941	0.00000507	0.00483	0.0011	0.049	0.0125	0.00000568	16.8	0.0000142	0.000517
2057 Aug	180	0.0766	0.089	0.00381	65.9	0.0552	41.9	0.000945	0.000945	0.0000051	0.00486	0.00111	0.0493	0.0126	0.00000571	16.9	0.0000143	0.00052
2057 Sep	180	0.0767	0.0891	0.00382	66.1	0.0553	42	0.000947	0.000947	0.00000511	0.00487	0.00111	0.0495	0.0126	0.00000573	16.9	0.0000144	0.000522
2057 Oct	180	0.0767	0.089	0.00382	66.2	0.0554	42.1	0.000947	0.000947	0.00000511	0.00487	0.00111	0.0496	0.0126	0.00000573	16.9	0.0000144	0.000523
2057 Nov	180	0.0767	0.089	0.00382	66.2	0.0554	42.1	0.000947	0.000947	0.00000511	0.00487	0.00111	0.0496	0.0126	0.00000573	16.9	0.0000144	0.000523
2057 Dec	180	0.0767	0.089	0.00382	66.2	0.0554	42.1	0.000947	0.000947	0.00000511	0.00487	0.00111	0.0496	0.0126	0.00000573	16.9	0.0000144	0.000523
2058 Jan	180	0.0767	0.089	0.00382	66.2	0.0554	42.1	0.000947	0.000947	0.00000511	0.00487	0.00111	0.0496	0.0126	0.00000573	16.9	0.0000144	0.000523
2058 Feb	180	0.0767	0.089	0.00382	66.2	0.0554	42.1	0.000947	0.000947	0.00000511	0.00487	0.00111	0.0496	0.0126	0.00000573	16.9	0.0000144	0.000523
2058 Mar	180	0.0767	0.089	0.00382	66.2	0.0554	42.1	0.000947	0.000947	0.00000511	0.00487	0.00111	0.0496	0.0126	0.00000573	16.9	0.0000144	0.000523
2058 Apr	181	0.0767	0.0891	0.00382	66.2	0.0554	42.1	0.000947	0.000947	0.00000511	0.00488	0.00111	0.0496	0.0126	0.00000573	16.9	0.0000144	0.000523
2058 May	181	0.0768	0.089	0.00382	66.2	0.0554	42.1	0.000948	0.000948	0.00000511	0.00488	0.00112	0.0497	0.0126	0.00000573	17	0.0000144	0.000524
2058 Jun	180	0.076	0.0879	0.00377	66	0.0552	42.2	0.00094	0.00094	0.00000508	0.00488	0.00112	0.0497	0.0127	0.0000057	17.1	0.0000144	0.000526
2058 Jul	181	0.0761	0.088	0.00377	66.2	0.0555	42.4	0.000942	0.000942	0.00000509	0.00489	0.00113	0.05	0.0128	0.00000571	17.1	0.0000145	0.000529
2058 Aug	182	0.0763	0.0882	0.00378	66.5	0.0557	42.7	0.000944	0.000944	0.0000051	0.00491	0.00113	0.0502	0.0128	0.00000573	17.2	0.0000146	0.000531
2058 Sep	183	0.0763	0.0881	0.00378	66.6	0.0558	42.8	0.000944	0.000944	0.0000051	0.00492	0.00114	0.0504	0.0128	0.00000573	17.2	0.0000146	0.000533
2058 Oct	183	0.0763	0.088	0.00378	66.7	0.0559	42.9	0.000944	0.000944	0.0000051	0.00492	0.00114	0.0505	0.0128	0.00000573	17.2	0.0000146	0.000533
2058 Nov	183	0.0763	0.088	0.00378	66.7	0.0559	42.9	0.000944	0.000944	0.0000051	0.00492	0.00114	0.0505	0.0128	0.00000573	17.2	0.0000146	0.000534
2058 Dec	183	0.0763	0.088	0.00378	66.7	0.0559	42.9	0.000944	0.000944	0.0000051	0.00492	0.00114	0.0505	0.0128	0.00000573	17.2	0.0000146	0.000534
2059 Jan	183	0.0763	0.088	0.00378	66.7	0.0559	42.9	0.000944	0.000944	0.0000051	0.00492	0.00114	0.0505	0.0128	0.00000573	17.2	0.0000146	0.000534
2059 Feb	183	0.0763	0.088	0.00378	66.7	0.0559	42.9	0.000944	0.000944	0.0000051	0.00492	0.00114	0.0505	0.0128	0.00000573	17.2	0.0000146	0.000534
2059 Mar	183	0.0763	0.088	0.00378	66.7	0.0559	42.9	0.000944	0.000944	0.0000051	0.00492	0.00114	0.0505	0.0128	0.00000573	17.2	0.0000146	0.000534
2059 Apr	183	0.0763	0.088	0.00378	66.7	0.0559	42.9	0.000944	0.000944	0.0000051	0.00492	0.00114	0.0505	0.0128	0.00000573	17.3	0.0000146	0.000534
2059 May	183	0.0764	0.0881	0.00378	66.8	0.056	42.9	0.000945	0.000945	0.00000511	0.00493	0.00114	0.0505	0.0129	0.00000574	17.3	0.0000146	0.000534
2059 Jun	183	0.0762	0.0877	0.00377	66.8	0.056	43	0.000944	0.000944	0.0000051	0.00494	0.00114	0.0507	0.013	0.00000574	17.4	0.0000147	0.000537
2059 Jul	184	0.0766	0.0881	0.00379	67.2	0.0563	43.3	0.000948	0.000948	0.00000513	0.00497	0.00115	0.051	0.013	0.00000576	17.5	0.0000148	0.00054
2059 Aug	185	0.0769	0.0885	0.0038	67.5	0.0566	43.5	0.000952	0.000952	0.00000515	0.00499	0.00116	0.0513	0.0131	0.00000579	17.5	0.0000148	0.000543
2059 Sep	186	0.0769	0.0885	0.0038	67.6	0.0567	43.7	0.000953	0.000953	0.00000515	0.005	0.00116	0.0514	0.0131	0.0000058	17.6	0.0000149	0.000544
2059 Oct	186	0.0767	0.088	0.00378	67.5	0.0567	43.7	0.000949	0.000949	0.00000514	0.005	0.00116	0.0515	0.0131	0.00000578	17.6	0.0000149	0.000545
2059 Nov	186	0.0767	0.088	0.00378	67.5	0.0567	43.7	0.000949	0.000949	0.00000514	0.005	0.00116	0.0515	0.0131	0.00000578	17.6	0.0000149	0.000545
2059 Dec	186	0.0767	0.088	0.00378	67.5	0.0567	43.7	0.000949	0.000949	0.00000514	0.005	0.00116	0.0515	0.0131	0.00000578	17.6	0.0000149	0.000545
2060 Jan	186	0.0767	0.088	0.00378	67.5	0.0567	43.7	0.000949	0.000949	0.00000514	0.005	0.00116	0.0515	0.0131	0.00000578	17.6	0.0000149	0.000545
2060 Feb	186	0.0767	0.088	0.00378	67.5	0.0567	43.7	0.000949	0.000949	0.00000514	0.005	0.00116	0.0515	0.0131	0.00000578	17.6	0.0000149	0.000545
2060 Mar	186	0.0767	0.088	0.00378	67.6	0.0567	43.7	0.000949	0.000949	0.00000514	0.005	0.00116	0.0515	0.0131	0.00000578	17.6	0.0000149	0.000545
2060 Apr	186	0.0767	0.088	0.00378	67.6	0.0567	43.7	0.00095	0.00095	0.00000514	0.005	0.00116	0.0515	0.0131	0.00000578	17.6	0.0000149	0.000545
2060 May	186	0.0767	0.0879	0.00378	67.6	0.0567	43.8	0.00095	0.00095	0.00000514	0.00501	0.00116	0.0515	0.0132	0.00000578	17.6	0.0000149	0.000546
2060 Jun	186	0.0763	0.0873	0.00375	67.5	0.0567	43.9	0.000946	0.000946	0.00000512	0.00501	0.00117	0.0516	0.0132	0.00000577	17.7	0.0000149	0.000548
2060 Jul	187	0.0766	0.0876	0.00377	67.9	0.057	44.1	0.00095	0.00095	0.00000514	0.00503	0.00118	0.052	0.0133	0.00000579	17.8	0.000015	0.000551
2060 Aug	188	0.0768	0.0877	0.00377	68.2	0.0572	44.4	0.000952	0.000952	0.00000516	0.00505	0.00118	0.0523	0.0133	0.00000581	17.9	0.0000151	0.000554
2060 Sep	188	0.0765	0.0873	0.00376	68.2	0.0573	44.5	0.00095	0.00095	0.00000514	0.00505	0.00118	0.0524	0.0133	0.0000058	17.9	0.0000151	0.000555
2060 Oct	188	0.0765	0.0872	0.00375	68.2	0.0573	44.5	0.000949	0.000949	0.00000514	0.00505	0.00119	0.0525	0.0133	0.0000058	17.9	0.0000151	0.000556
2060 Nov	188	0.0765	0.0872	0.00375	68.2	0.0573	44.6	0.000949	0.000949	0.00000514	0.00505	0.00119	0.0525	0.0133	0.0000058	17.9	0.0000151	0.000556
2060 Dec	188	0.0765	0.0872	0.00375	68.2	0.0573	44.6	0.000949	0.000949	0.00000514	0.00505	0.00119	0.0525	0.0133	0.0000058	17.9	0.0000151	0.000556
2061 Jan	188	0.0765	0.0872	0.00375	68.2	0.0574	44.6	0.000949	0.000949	0.00000514	0.00505	0.00119	0.0525	0.0133	0.0000058	17.9	0.0000151	0.000556
2061 Feb	188	0.0765	0.0872	0.00375	68.2	0.0574	44.6	0.000949	0.000949	0.00000514	0.00505	0.00119	0.0525	0.0133	0.0000058	17.9	0.0000151	0.000556
2061 Mar	188	0.0765	0.0872	0.00375	68.2	0.0574	44.6	0.000949	0.000949	0.00000514	0.00505	0.00119	0.0525	0.0133	0.0000058	17.9	0.0000151	0.000556
2061 Apr	188	0.0765	0.0872	0.00375	68.2	0.0574	44.6	0.000949	0.000949	0.00000514	0.00505	0.00119	0.0525	0.0133	0.0000058	17.9	0.0000151	0.000556
2061 May	188	0.0765	0.0871	0.00375	68.2	0.0574	44.6	0.000949	0.000949	0.00000514	0.00506	0.00119	0.0525	0.0134	0.0000058	18	0.0000151	0.000557
2061 Jun	188	0.0759	0.0862	0.00371	68.1	0.0572	44.7	0.000943	0.000943	0.00000511	0.00505	0.00119	0.0526	0.0134	0.00000577	18	0.0000152	0.000559
2061 Jul	189	0.0762	0.0865	0.00373	68.4	0.0576	45	0.000947	0.000947	0.00000514	0.00508	0.0012	0.0529	0.0135	0.0000058	18.1	0.0000152	0.000562
2061 Aug	190	0.0765	0.0868	0.00374	68.7	0.0578	45.2	0.00095	0.00095	0.00000516	0.0051	0.00121	0.0532	0.0136	0.00000582	18.2	0.0000153	0.000565
2061 Sep	191	0.0765	0.0869	0.00374	68.9	0.058	45.3	0.000951	0.000951	0.00000516	0.00511	0.00121	0.0534	0.0136	0.00000583	18.2	0.0000153	0.000567
2061 Oct	191	0.0764	0.0865	0.00373	68.9	0.058	45.4	0.000948	0.000948	0.00000515	0.00511	0.00121	0.0534	0.0136	0.00000582	18.2	0.0000153	0.000567
2061 Nov	191	0.0763	0.0864	0.00373	68.8	0.058	45.4	0.000948	0.000948	0.00000514	0.00511	0.00121	0.0534	0.0136	0.00000581	18.2	0.0000153	0.000567
2061 Dec	191	0.0763	0.0864	0.00373	68.8	0.058	45.4	0.000948	0.000948	0.00000514	0.00511	0.00121	0.0534	0.0136	0.00000581	18.2	0.0000153	0.000567
2062 Jan	191	0.0763	0.0864	0.00373	68.8	0.058	45.4	0.000948	0.000948	0.00000514	0.00511	0.00121	0.0534	0.0136	0.00000581	18.2	0.0000153	0.000567
2062 Feb	191	0.0763	0.0864	0.00373	68.8	0.058	45.4	0.000948	0.000948	0.00000514	0.00511	0.00121	0.0534	0.0136	0.00000581	18.2	0.0000153	0.000567
2062 Mar	191	0.0763	0.0864	0.00373	68.8	0.058	45.4	0.000948	0.000948	0.00000514	0.00511	0.00121	0.0534	0.0136	0.00000581	18.2	0.0000153	0.000567
2062 Apr	191	0.0764	0.0865	0.00373	68.9	0.058	45.4	0.000948	0.000948	0.00000515	0.00511	0.00121	0.0535	0.0136	0.00000582	18.2	0.0000153	0.000568

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2062 May	191	0.0764	0.0866	0.00373	68.9	0.0581	45.5	0.000949	0.000949	0.00000515	0.00511	0.00121	0.0535	0.0136	0.00000582	18.2	0.0000154	0.000568
2062 Jun	191	0.0759	0.0859	0.00371	68.7	0.058	45.5	0.000946	0.000946	0.00000514	0.00512	0.00121	0.0535	0.0136	0.00000581	18.2	0.0000154	0.000568
2062 Jul	191	0.0756	0.0856	0.0037	68.8	0.0581	45.6	0.000945	0.000945	0.00000513	0.00513	0.00122	0.0537	0.0136	0.00000581	18.2	0.0000154	0.00057
2062 Aug	192	0.0756	0.0856	0.0037	69	0.0583	45.8	0.000946	0.000946	0.00000514	0.00514	0.00122	0.054	0.0136	0.00000582	18.3	0.0000155	0.000573
2062 Sep	192	0.0756	0.0854	0.00369	69.1	0.0584	46	0.000945	0.000945	0.00000514	0.00515	0.00122	0.0541	0.0136	0.00000581	18.3	0.0000155	0.000574
2062 Oct	192	0.0753	0.0849	0.00367	69	0.0583	46	0.000941	0.000941	0.00000512	0.00514	0.00122	0.0541	0.0136	0.0000058	18.3	0.0000155	0.000574
2062 Nov	192	0.0754	0.0849	0.00367	69	0.0583	46	0.000941	0.000941	0.00000512	0.00514	0.00122	0.0542	0.0136	0.0000058	18.3	0.0000155	0.000574
2062 Dec	192	0.0754	0.0849	0.00367	69	0.0583	46	0.000941	0.000941	0.00000512	0.00514	0.00122	0.0542	0.0136	0.0000058	18.3	0.0000155	0.000574
2063 Jan	192	0.0754	0.0849	0.00367	69	0.0583	46	0.000941	0.000941	0.00000512	0.00514	0.00122	0.0542	0.0136	0.0000058	18.3	0.0000155	0.000575
2063 Feb	192	0.0754	0.0849	0.00367	69	0.0583	46	0.000941	0.000941	0.00000512	0.00514	0.00122	0.0542	0.0136	0.0000058	18.3	0.0000155	0.000575
2063 Mar	192	0.0754	0.0849	0.00367	69	0.0583	46	0.000941	0.000941	0.00000512	0.00514	0.00122	0.0542	0.0136	0.0000058	18.3	0.0000155	0.000575
2063 Apr	192	0.0754	0.0849	0.00367	69	0.0583	46	0.000942	0.000942	0.00000512	0.00514	0.00122	0.0542	0.0136	0.0000058	18.3	0.0000155	0.000575
2063 May	192	0.0754	0.0849	0.00367	69.1	0.0584	46	0.000942	0.000942	0.00000512	0.00515	0.00123	0.0542	0.0136	0.0000058	18.4	0.0000155	0.000575
2063 Jun	191	0.0744	0.0836	0.00361	68.6	0.058	46	0.000933	0.000933	0.00000508	0.00514	0.00123	0.0541	0.0137	0.00000576	18.4	0.0000155	0.000576
2063 Jul	192	0.0743	0.0834	0.00361	68.8	0.0582	46.2	0.000932	0.000932	0.00000508	0.00515	0.00123	0.0544	0.0137	0.00000576	18.4	0.0000156	0.000578
2063 Aug	193	0.0746	0.0837	0.00362	69.1	0.0585	46.4	0.000936	0.000936	0.00000509	0.00517	0.00124	0.0547	0.0137	0.00000578	18.5	0.0000157	0.000581
2063 Sep	193	0.0746	0.0837	0.00362	69.2	0.0586	46.5	0.000936	0.000936	0.0000051	0.00518	0.00124	0.0548	0.0137	0.00000579	18.5	0.0000157	0.000583
2063 Oct	193	0.0745	0.0835	0.00362	69.2	0.0586	46.6	0.000935	0.000935	0.00000509	0.00518	0.00124	0.0549	0.0137	0.00000578	18.5	0.0000157	0.000583
2063 Nov	193	0.0745	0.0835	0.00362	69.3	0.0586	46.6	0.000935	0.000935	0.00000509	0.00518	0.00124	0.0549	0.0137	0.00000578	18.5	0.0000157	0.000583
2063 Dec	193	0.0745	0.0835	0.00362	69.3	0.0586	46.6	0.000935	0.000935	0.00000509	0.00518	0.00124	0.0549	0.0137	0.00000578	18.5	0.0000157	0.000583
2064 Jan	193	0.0745	0.0835	0.00362	69.3	0.0586	46.6	0.000935	0.000935	0.00000509	0.00518	0.00124	0.0549	0.0137	0.00000578	18.5	0.0000157	0.000583
2064 Feb	193	0.0745	0.0835	0.00362	69.3	0.0586	46.6	0.000935	0.000935	0.00000509	0.00518	0.00124	0.0549	0.0137	0.00000578	18.5	0.0000157	0.000583
2064 Mar	194	0.0745	0.0835	0.00362	69.3	0.0586	46.6	0.000935	0.000935	0.00000509	0.00518	0.00124	0.0549	0.0137	0.00000578	18.5	0.0000157	0.000583
2064 Apr	194	0.0746	0.0835	0.00362	69.3	0.0586	46.6	0.000935	0.000935	0.00000509	0.00518	0.00124	0.0549	0.0137	0.00000578	18.5	0.0000157	0.000584
2064 May	194	0.0745	0.0834	0.00361	69.3	0.0586	46.6	0.000935	0.000935	0.00000509	0.00518	0.00124	0.0549	0.0138	0.00000578	18.6	0.0000157	0.000584
2064 Jun	193	0.074	0.0825	0.00357	69.1	0.0585	46.7	0.000929	0.000929	0.00000506	0.00518	0.00125	0.0549	0.0139	0.00000575	18.6	0.0000157	0.000586
2064 Jul	194	0.0741	0.0827	0.00358	69.4	0.0587	46.9	0.000932	0.000932	0.00000508	0.0052	0.00126	0.0552	0.0139	0.00000577	18.7	0.0000158	0.000589
2064 Aug	195	0.0742	0.0827	0.00359	69.6	0.0589	47.1	0.000933	0.000933	0.00000509	0.00521	0.00126	0.0555	0.0139	0.00000578	18.8	0.0000158	0.000591
2064 Sep	195	0.0741	0.0825	0.00358	69.6	0.059	47.2	0.000932	0.000932	0.00000508	0.00521	0.00126	0.0556	0.0139	0.00000578	18.8	0.0000159	0.000592
2064 Oct	195	0.0741	0.0825	0.00358	69.7	0.0591	47.3	0.000932	0.000932	0.00000508	0.00522	0.00126	0.0557	0.014	0.00000578	18.8	0.0000159	0.000593
2064 Nov	195	0.0741	0.0825	0.00358	69.7	0.0591	47.3	0.000932	0.000932	0.00000509	0.00522	0.00126	0.0557	0.014	0.00000579	18.8	0.0000159	0.000593
2064 Dec	195	0.0741	0.0825	0.00358	69.7	0.0591	47.3	0.000932	0.000932	0.00000509	0.00522	0.00126	0.0557	0.014	0.00000579	18.8	0.0000159	0.000593
2065 Jan	195	0.0741	0.0825	0.00358	69.7	0.0591	47.3	0.000932	0.000932	0.00000509	0.00522	0.00126	0.0557	0.014	0.00000579	18.8	0.0000159	0.000593
2065 Feb	195	0.0741	0.0825	0.00358	69.7	0.0591	47.3	0.000932	0.000932	0.00000509	0.00522	0.00126	0.0557	0.014	0.00000579	18.8	0.0000159	0.000593
2065 Mar	195	0.0741	0.0825	0.00358	69.7	0.0591	47.3	0.000932	0.000932	0.00000509	0.00522	0.00126	0.0557	0.014	0.00000579	18.8	0.0000159	0.000593
2065 Apr	196	0.0742	0.0826	0.00358	69.7	0.0591	47.3	0.000933	0.000933	0.00000509	0.00522	0.00126	0.0557	0.014	0.00000579	18.8	0.0000159	0.000593
2065 May	196	0.0742	0.0826	0.00358	69.8	0.0591	47.3	0.000933	0.000933	0.00000509	0.00523	0.00127	0.0558	0.014	0.00000579	18.9	0.0000159	0.000594
2065 Jun	196	0.0737	0.0818	0.00355	69.6	0.059	47.4	0.000929	0.000929	0.00000507	0.00523	0.00127	0.0558	0.0141	0.00000577	18.9	0.0000159	0.000595
2065 Jul	197	0.0739	0.0821	0.00356	70	0.0594	47.7	0.000932	0.000932	0.00000509	0.00525	0.00128	0.0561	0.0141	0.0000058	19	0.000016	0.000599
2065 Aug	198	0.0742	0.0823	0.00357	70.3	0.0596	48	0.000936	0.000936	0.00000511	0.00527	0.00128	0.0565	0.0142	0.00000582	19.1	0.0000161	0.000602
2065 Sep	198	0.074	0.0821	0.00356	70.4	0.0597	48.1	0.000934	0.000934	0.0000051	0.00528	0.00129	0.0566	0.0142	0.00000581	19.1	0.0000161	0.000603
2065 Oct	198	0.0738	0.0815	0.00354	70.2	0.0597	48.1	0.00093	0.00093	0.00000508	0.00527	0.00129	0.0566	0.0141	0.00000579	19.1	0.0000161	0.000603
2065 Nov	198	0.0738	0.0815	0.00354	70.2	0.0597	48.1	0.000929	0.000929	0.00000508	0.00527	0.00129	0.0566	0.0141	0.00000579	19.1	0.0000161	0.000603
2065 Dec	198	0.0738	0.0815	0.00354	70.2	0.0597	48.1	0.000929	0.000929	0.00000508	0.00527	0.00129	0.0566	0.0141	0.00000579	19.1	0.0000161	0.000603
2066 Jan	198	0.0738	0.0815	0.00354	70.2	0.0597	48.1	0.000929	0.000929	0.00000508	0.00527	0.00129	0.0566	0.0141	0.00000579	19.1	0.0000161	0.000603
2066 Feb	198	0.0738	0.0815	0.00354	70.2	0.0597	48.1	0.000929	0.000929	0.00000508	0.00527	0.00129	0.0566	0.0141	0.00000579	19.1	0.0000161	0.000603
2066 Mar	198	0.0738	0.0815	0.00354	70.2	0.0597	48.1	0.00093	0.00093	0.00000508	0.00527	0.00129	0.0566	0.0141	0.00000579	19.1	0.0000161	0.000603
2066 Apr	198	0.0738	0.0815	0.00354	70.3	0.0597	48.1	0.00093	0.00093	0.00000508	0.00527	0.00129	0.0566	0.0141	0.00000579	19.1	0.0000161	0.000604
2066 May	198	0.0739	0.0816	0.00354	70.3	0.0597	48.1	0.000931	0.000931	0.00000509	0.00528	0.00129	0.0567	0.0142	0.0000058	19.1	0.0000161	0.000604
2066 Jun	198	0.0732	0.0807	0.00351	70.1	0.0596	48.1	0.000926	0.000926	0.00000506	0.00528	0.00129	0.0567	0.0142	0.00000577	19.1	0.0000161	0.000604
2066 Jul	199	0.0734	0.0809	0.00352	70.5	0.0599	48.5	0.000929	0.000929	0.00000508	0.00531	0.0013	0.0571	0.0142	0.0000058	19.2	0.0000162	0.000609
2066 Aug	200	0.0737	0.0812	0.00353	70.8	0.0602	48.7	0.000932	0.000932	0.0000051	0.00533	0.0013	0.0574	0.0143	0.00000582	19.3	0.0000163	0.000612
2066 Sep	200	0.0737	0.0811	0.00353	70.9	0.0603	48.9	0.000932	0.000932	0.0000051	0.00534	0.00131	0.0576	0.0143	0.00000583	19.3	0.0000163	0.000614
2066 Oct	200	0.0736	0.0809	0.00352	70.9	0.0603	48.9	0.000931	0.000931	0.00000509	0.00534	0.00131	0.0576	0.0143	0.00000582	19.3	0.0000163	0.000614
2066 Nov	200	0.0736	0.0809	0.00352	70.9	0.0604	48.9	0.000931	0.000931	0.00000509	0.00534	0.00131	0.0576	0.0143	0.00000582	19.3	0.0000163	0.000614
2066 Dec	200	0.0736	0.0809	0.00352	70.9	0.0604	48.9	0.000931	0.000931	0.00000509	0.00534	0.00131	0.0576	0.0143	0.00000582	19.4	0.0000163	0.000614
2067 Jan	200	0.0736	0.0809	0.00352	70.9	0.0604	48.9	0.000931	0.000931	0.00000509	0.00534	0.00131	0.0576	0.0143	0.00000582	19.4	0.0000163	0.000614
2067 Feb	200	0.0736	0.0809	0.00352	70.9	0.0604	48.9	0.000931	0.000931	0.00000509	0.00534	0.00131	0.0576	0.0143	0.00000582	19.4	0.0000163	0.000614
2067 Mar	200	0.0736	0.0809	0.00352	70.9	0.0604	48.9	0.000931	0.000931	0.00000509	0.00534	0.00131	0.0576	0.0143	0.00000582	19.4	0.0000163	0.000614
2067 Apr	200	0.0737	0.0809	0.00352	70.9	0.0604	48.9	0.000931	0.000931	0.0000051	0.00534	0.00131	0.0576	0.0143	0.00000582	19.4	0.0000163	0.000614
2067 May	201	0.0737	0.081	0.00352	71	0.0604	49	0.000932	0.000932	0.0000051	0.00535	0.00131	0.0577	0.0144	0.00000583	19.4	0.0000164	0.000615
2067 Jun	200	0.0734	0.0804	0.0035	70.9	0.0603	49	0.000929	0.000929	0.00000508	0.00535	0.00131	0.0577	0.0144	0.00000581	19.4	0.0000164	0.000616
2067 Jul	202	0.0737	0.0807	0.00352	71.3	0.0607	49.3	0.000933	0.000933	0.00000511	0.00537	0.00132	0.0581	0.0145	0.00000584	19.6	0.0000165	0.00062
2067 Aug	202	0.0738	0.0808	0.00352	71.5	0.0609	49.6	0.000935	0.000935	0.00000512	0.00539	0.00133	0.0584	0.0145	0.00000586	19.6	0.0000165	0.000623
2067 Sep	203	0.0738	0.0808	0.00352	71.7	0.0611	49.7	0.000935	0.000935	0.00000512	0.0054	0.00133	0.0585	0.0145	0.00000586	19.7	0.0000166	0.000624
2067 Oct	203	0.0737	0.0805	0.00351	71.6	0.061	49.7	0.000933	0.000933	0.00000511	0.0054	0.00133	0.0585	0.0145	0.00000585	19.7	0.0000166	0.000625
2067 Nov	203	0.0737	0.0805	0.00351	71.6	0.061	49.7	0.000933	0.000933	0.00000511	0.0054	0.00133	0.0586	0.0145	0.00000585	19.7	0.0000166	0.000625

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 Dec	203	0.0737	0.0805	0.00351	71.6	0.0611	49.7	0.000933	0.000933	0.00000511	0.0054	0.00133	0.0586	0.0145	0.00000585	19.7	0.0000166	0.000625
2068 Jan	203	0.0737	0.0805	0.00351	71.6	0.0611	49.7	0.000933	0.000933	0.00000511	0.0054	0.00133	0.0586	0.0145	0.00000585	19.7	0.0000166	0.000625
2068 Feb	203	0.0737	0.0805	0.00351	71.6	0.0611	49.7	0.000933	0.000933	0.00000511	0.0054	0.00133	0.0586	0.0145	0.00000585	19.7	0.0000166	0.000625
2068 Mar	203	0.0737	0.0805	0.00351	71.6	0.0611	49.7	0.000933	0.000933	0.00000511	0.0054	0.00133	0.0586	0.0145	0.00000585	19.7	0.0000166	0.000625
2068 Apr	203	0.0737	0.0806	0.00351	71.7	0.0611	49.8	0.000934	0.000934	0.00000512	0.0054	0.00133	0.0586	0.0145	0.00000585	19.7	0.0000166	0.000625
2068 May	203	0.0738	0.0805	0.00351	71.7	0.0611	49.8	0.000934	0.000934	0.00000512	0.00541	0.00133	0.0586	0.0146	0.00000586	19.7	0.0000166	0.000626
2068 Jun	203	0.0729	0.0793	0.00346	71.4	0.0608	49.7	0.000925	0.000925	0.00000507	0.00539	0.00133	0.0586	0.0146	0.00000581	19.7	0.0000166	0.000626
2068 Jul	203	0.073	0.0794	0.00347	71.6	0.0611	50	0.000928	0.000928	0.00000509	0.00541	0.00134	0.0589	0.0147	0.00000583	19.8	0.0000167	0.000629
2068 Aug	204	0.0733	0.0798	0.00348	72	0.0614	50.3	0.000932	0.000932	0.00000511	0.00543	0.00135	0.0592	0.0147	0.00000586	19.9	0.0000167	0.000633
2068 Sep	205	0.0733	0.0797	0.00348	72.1	0.0615	50.4	0.000931	0.000931	0.00000511	0.00544	0.00135	0.0593	0.0147	0.00000586	19.9	0.0000168	0.000634
2068 Oct	205	0.0733	0.0797	0.00348	72.1	0.0616	50.4	0.000932	0.000932	0.00000511	0.00545	0.00135	0.0594	0.0147	0.00000586	19.9	0.0000168	0.000635
2068 Nov	205	0.0733	0.0797	0.00348	72.2	0.0616	50.5	0.000932	0.000932	0.00000511	0.00545	0.00135	0.0594	0.0147	0.00000586	19.9	0.0000168	0.000635
2068 Dec	205	0.0733	0.0797	0.00348	72.2	0.0616	50.5	0.000932	0.000932	0.00000511	0.00545	0.00135	0.0594	0.0147	0.00000586	19.9	0.0000168	0.000635
2069 Jan	205	0.0733	0.0797	0.00348	72.2	0.0616	50.5	0.000932	0.000932	0.00000511	0.00545	0.00135	0.0594	0.0147	0.00000586	19.9	0.0000168	0.000635
2069 Feb	205	0.0734	0.0797	0.00348	72.2	0.0616	50.5	0.000932	0.000932	0.00000511	0.00545	0.00135	0.0594	0.0147	0.00000586	19.9	0.0000168	0.000635
2069 Mar	205	0.0734	0.0797	0.00348	72.2	0.0616	50.5	0.000932	0.000932	0.00000511	0.00545	0.00135	0.0594	0.0147	0.00000586	19.9	0.0000168	0.000635
2069 Apr	205	0.0734	0.0797	0.00348	72.2	0.0616	50.5	0.000932	0.000932	0.00000511	0.00545	0.00135	0.0594	0.0147	0.00000586	19.9	0.0000168	0.000635
2069 May	205	0.0735	0.0798	0.00349	72.3	0.0617	50.5	0.000933	0.000933	0.00000512	0.00546	0.00135	0.0595	0.0148	0.00000587	20	0.0000168	0.000636
2069 Jun	205	0.073	0.0792	0.00346	72.1	0.0616	50.5	0.00093	0.00093	0.00000511	0.00546	0.00136	0.0595	0.0148	0.00000586	20	0.0000169	0.000636
2069 Jul	206	0.0731	0.0793	0.00347	72.4	0.0618	50.8	0.000933	0.000933	0.00000512	0.00548	0.00136	0.0599	0.0148	0.00000588	20.1	0.0000169	0.00064
2069 Aug	207	0.0732	0.0794	0.00347	72.7	0.0621	51.1	0.000935	0.000935	0.00000513	0.0055	0.00137	0.0602	0.0149	0.00000589	20.1	0.000017	0.000643
2069 Sep	207	0.0731	0.0792	0.00346	72.7	0.0621	51.2	0.000932	0.000932	0.00000512	0.0055	0.00137	0.0603	0.0149	0.00000588	20.1	0.000017	0.000644
2069 Oct	207	0.0729	0.0787	0.00345	72.6	0.0621	51.1	0.000929	0.000929	0.00000511	0.00549	0.00137	0.0602	0.0148	0.00000587	20.1	0.000017	0.000643
2069 Nov	207	0.0729	0.0787	0.00344	72.6	0.0621	51.1	0.000929	0.000929	0.00000511	0.0055	0.00137	0.0602	0.0148	0.00000587	20.1	0.000017	0.000643
2069 Dec	207	0.0729	0.0787	0.00344	72.6	0.0621	51.1	0.000929	0.000929	0.00000511	0.0055	0.00137	0.0602	0.0148	0.00000587	20.1	0.000017	0.000643
2070 Jan	207	0.0729	0.0787	0.00344	72.6	0.0621	51.1	0.000929	0.000929	0.00000511	0.0055	0.00137	0.0602	0.0148	0.00000587	20.1	0.000017	0.000643
2070 Feb	207	0.0729	0.0787	0.00344	72.6	0.0621	51.1	0.000929	0.000929	0.00000511	0.0055	0.00137	0.0602	0.0148	0.00000587	20.1	0.000017	0.000643
2070 Mar	207	0.0729	0.0787	0.00344	72.6	0.0621	51.2	0.000929	0.000929	0.00000511	0.0055	0.00137	0.0602	0.0148	0.00000587	20.1	0.000017	0.000643
2070 Apr	207	0.0729	0.0787	0.00345	72.6	0.0621	51.2	0.000929	0.000929	0.00000511	0.0055	0.00137	0.0603	0.0148	0.00000587	20.1	0.000017	0.000644
2070 May	207	0.073	0.0787	0.00345	72.7	0.0622	51.2	0.00093	0.00093	0.00000511	0.0055	0.00137	0.0603	0.0149	0.00000587	20.2	0.000017	0.000645
2070 Jun	207	0.0727	0.0782	0.00343	72.6	0.0621	51.2	0.000927	0.000927	0.0000051	0.0055	0.00138	0.0603	0.0149	0.00000586	20.2	0.000017	0.000646
2070 Jul	208	0.0729	0.0784	0.00344	72.9	0.0624	51.5	0.000931	0.000931	0.00000512	0.00553	0.00138	0.0607	0.015	0.00000588	20.3	0.0000171	0.000649
2070 Aug	209	0.0731	0.0786	0.00344	73.2	0.0626	51.8	0.000933	0.000933	0.00000513	0.00555	0.00139	0.061	0.015	0.0000059	20.4	0.0000172	0.000652
2070 Sep	209	0.073	0.0784	0.00343	73.2	0.0627	51.9	0.000931	0.000931	0.00000512	0.00555	0.00139	0.0611	0.015	0.00000589	20.4	0.0000172	0.000653
2070 Oct	209	0.0729	0.0781	0.00342	73.2	0.0627	51.9	0.000929	0.000929	0.00000511	0.00555	0.00139	0.0611	0.015	0.00000589	20.4	0.0000172	0.000653
2070 Nov	209	0.0729	0.0781	0.00342	73.2	0.0627	51.9	0.000929	0.000929	0.00000511	0.00555	0.00139	0.0611	0.015	0.00000589	20.4	0.0000172	0.000653
2070 Dec	209	0.0729	0.0781	0.00342	73.2	0.0627	51.9	0.000929	0.000929	0.00000511	0.00555	0.00139	0.0611	0.015	0.00000589	20.4	0.0000172	0.000653
2071 Jan	209	0.0729	0.0781	0.00342	73.2	0.0627	51.9	0.000929	0.000929	0.00000511	0.00555	0.00139	0.0611	0.015	0.00000589	20.4	0.0000172	0.000653
2071 Feb	209	0.0729	0.0781	0.00342	73.2	0.0627	51.9	0.000929	0.000929	0.00000511	0.00555	0.00139	0.0611	0.015	0.00000589	20.4	0.0000172	0.000653
2071 Mar	209	0.0729	0.0781	0.00342	73.2	0.0627	51.9	0.000929	0.000929	0.00000511	0.00555	0.00139	0.0611	0.015	0.00000589	20.4	0.0000172	0.000653
2071 Apr	209	0.0729	0.0781	0.00342	73.2	0.0627	51.9	0.000929	0.000929	0.00000511	0.00555	0.00139	0.0611	0.015	0.00000589	20.4	0.0000172	0.000653
2071 May	209	0.0729	0.078	0.00342	73.2	0.0627	51.9	0.000929	0.000929	0.00000511	0.00555	0.00139	0.0611	0.0151	0.00000589	20.4	0.0000172	0.000654
2071 Jun	209	0.0723	0.0773	0.00339	72.9	0.0625	51.8	0.000924	0.000924	0.00000509	0.00554	0.00139	0.061	0.0151	0.00000586	20.4	0.0000172	0.000654
2071 Jul	210	0.0724	0.0774	0.00339	73.2	0.0627	52.1	0.000926	0.000926	0.0000051	0.00556	0.0014	0.0613	0.0151	0.00000587	20.5	0.0000173	0.000657
2071 Aug	210	0.0726	0.0776	0.0034	73.5	0.063	52.3	0.000929	0.000929	0.00000512	0.00558	0.00141	0.0616	0.0152	0.0000059	20.6	0.0000173	0.00066
2071 Sep	211	0.0725	0.0774	0.0034	73.6	0.0631	52.4	0.000928	0.000928	0.00000511	0.00558	0.00141	0.0618	0.0152	0.00000589	20.6	0.0000174	0.000661
2071 Oct	211	0.0725	0.0772	0.00339	73.6	0.0631	52.5	0.000926	0.000926	0.00000511	0.00558	0.00141	0.0618	0.0152	0.00000589	20.6	0.0000174	0.000661
2071 Nov	211	0.0725	0.0772	0.00339	73.5	0.0631	52.5	0.000926	0.000926	0.0000051	0.00558	0.00141	0.0618	0.0152	0.00000589	20.6	0.0000174	0.000661
2071 Dec	211	0.0725	0.0772	0.00339	73.5	0.0631	52.5	0.000926	0.000926	0.0000051	0.00558	0.00141	0.0618	0.0152	0.00000589	20.6	0.0000174	0.000661
2072 Jan	211	0.0725	0.0772	0.00339	73.5	0.0631	52.5	0.000926	0.000926	0.0000051	0.00558	0.00141	0.0618	0.0152	0.00000589	20.6	0.0000174	0.000661
2072 Feb	211	0.0725	0.0772	0.00339	73.5	0.0631	52.5	0.000926	0.000926	0.0000051	0.00558	0.00141	0.0618	0.0152	0.00000589	20.6	0.0000174	0.000661
2072 Mar	211	0.0725	0.0772	0.00339	73.5	0.0631	52.5	0.000926	0.000926	0.0000051	0.00559	0.00141	0.0618	0.0152	0.00000589	20.6	0.0000174	0.000661
2072 Apr	211	0.0725	0.0772	0.00339	73.6	0.0631	52.5	0.000927	0.000927	0.00000511	0.00559	0.00141	0.0618	0.0152	0.00000589	20.6	0.0000174	0.000661
2072 May	211	0.0726	0.0773	0.0034	73.7	0.0632	52.6	0.000928	0.000928	0.00000511	0.00559	0.00141	0.0619	0.0152	0.0000059	20.6	0.0000174	0.000662
2072 Jun	211	0.0723	0.0769	0.00338	73.6	0.0631	52.6	0.000926	0.000926	0.00000511	0.0056	0.00141	0.0619	0.0152	0.00000589	20.6	0.0000174	0.000663
2072 Jul	212	0.0723	0.0769	0.00338	73.8	0.0633	52.8	0.000928	0.000928	0.00000511	0.00562	0.00142	0.0622	0.0152	0.0000059	20.7	0.0000175	0.000665
2072 Aug	212	0.0722	0.0767	0.00338	73.9	0.0635	53	0.000927	0.000927	0.00000511	0.00562	0.00142	0.0624	0.0152	0.0000059	20.7	0.0000175	0.000667
2072 Sep	212	0.0721	0.0765	0.00337	73.9	0.0636	53	0.000926	0.000926	0.00000511	0.00562	0.00142	0.0625	0.0152	0.0000059	20.7	0.0000175	0.000668
2072 Oct	212	0.0719	0.0762	0.00336	73.8	0.0635	53	0.000923	0.000923	0.0000051	0.00562	0.00142	0.0625	0.0152	0.00000589	20.7	0.0000175	0.000668
2072 Nov	212	0.0719	0.0762	0.00336	73.8	0.0635	53	0.000923	0.000923	0.00000509	0.00562	0.00142	0.0625	0.0152	0.00000589	20.7	0.0000175	0.000668
2072 Dec	212	0.0719	0.0762	0.00336	73.8	0.0635	53	0.000923	0.000923	0.00000509	0.00562	0.00142	0.0625	0.0152	0.00000589	20.7	0.0000175	0.000668
2073 Jan	212	0.0719	0.0762	0.00336	73.8	0.0635	53	0.000923	0.000923	0.00000509	0.00562	0.00142	0.0625	0.0152	0.00000589	20.7	0.0000175	0.000668
2073 Feb	212	0.0719	0.0762	0.00336	73.8	0.0635	53	0.000923	0.000923	0.00000509	0.00562	0.00142	0.0625	0.0152	0.00000589	20.7	0.0000175	0.000668
2073 Mar	212	0.0719	0.0762	0.00336	73.8	0.0635	53	0.000923	0.000923	0.00000509	0.00562	0.00142	0.0625	0.0152	0.00000589	20.7	0.0000175	0.000668
2073 Apr	212	0.072	0.0762	0.00336	73.9	0.0636	53.1	0.000924	0.000924	0.0000051	0.00562	0.00142	0.0625	0.0152	0.00000589	20.7	0.0000175	0.000668
2073 May	212	0.072	0.0762	0.00335	73.9	0.0635	53.1	0.000924	0.000924	0.0000051	0.00563	0.00142	0.0625	0.0153	0.00000589	20.8	0.0000175	0.000669
2073 Jun	212	0.0716	0.0756	0.00333	73.7	0.0634	53	0.000921	0.000921	0.00000508	0.00563	0.00143	0.0625	0.0153	0.00000587	20.8	0.0000175	0.000669

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2073 Jul	213	0.0717	0.0757	0.00334	74	0.0637	53.3	0.000923	0.000923	0.00000509	0.00564	0.00143	0.0628	0.0154	0.00000589	20.9	0.0000176	0.000673
2073 Aug	214	0.0719	0.0759	0.00334	74.3	0.0639	53.6	0.000925	0.000925	0.00000511	0.00566	0.00144	0.0631	0.0154	0.00000591	21	0.0000177	0.000676
2073 Sep	214	0.0718	0.0758	0.00334	74.4	0.064	53.7	0.000924	0.000924	0.0000051	0.00567	0.00144	0.0632	0.0154	0.00000591	21	0.0000177	0.000677
2073 Oct	214	0.0717	0.0755	0.00333	74.3	0.064	53.7	0.000922	0.000922	0.0000051	0.00566	0.00144	0.0632	0.0154	0.0000059	21	0.0000177	0.000677
2073 Nov	214	0.0717	0.0755	0.00333	74.3	0.064	53.7	0.000922	0.000922	0.00000509	0.00566	0.00144	0.0633	0.0154	0.00000589	21	0.0000177	0.000677
2073 Dec	214	0.0717	0.0755	0.00333	74.3	0.064	53.7	0.000922	0.000922	0.00000509	0.00566	0.00144	0.0633	0.0154	0.0000059	21	0.0000177	0.000677
2074 Jan	214	0.0717	0.0755	0.00333	74.3	0.064	53.7	0.000922	0.000922	0.00000509	0.00566	0.00144	0.0633	0.0154	0.0000059	21	0.0000177	0.000677
2074 Feb	214	0.0717	0.0755	0.00333	74.3	0.064	53.7	0.000922	0.000922	0.00000509	0.00566	0.00144	0.0633	0.0154	0.0000059	21	0.0000177	0.000677
2074 Mar	214	0.0717	0.0755	0.00333	74.3	0.064	53.7	0.000922	0.000922	0.00000509	0.00566	0.00144	0.0633	0.0154	0.0000059	21	0.0000177	0.000677
2074 Apr	214	0.0717	0.0755	0.00333	74.4	0.064	53.7	0.000922	0.000922	0.0000051	0.00567	0.00144	0.0633	0.0154	0.0000059	21	0.0000177	0.000677
2074 May	214	0.0717	0.0754	0.00332	74.3	0.064	53.7	0.000922	0.000922	0.0000051	0.00567	0.00144	0.0633	0.0155	0.0000059	21	0.0000177	0.000678
2074 Jun	214	0.0712	0.0746	0.00329	74.1	0.0638	53.7	0.000917	0.000917	0.00000507	0.00566	0.00145	0.0632	0.0155	0.00000587	21.1	0.0000177	0.000678
2074 Jul	215	0.0714	0.0748	0.0033	74.5	0.0641	54	0.00092	0.00092	0.00000509	0.00569	0.00145	0.0636	0.0156	0.00000589	21.2	0.0000178	0.000682
2074 Aug	216	0.0717	0.0751	0.00332	74.8	0.0644	54.3	0.000924	0.000924	0.00000511	0.00571	0.00146	0.0639	0.0157	0.00000592	21.3	0.0000179	0.000686
2074 Sep	216	0.0716	0.0749	0.00331	74.9	0.0645	54.4	0.000922	0.000922	0.0000051	0.00571	0.00146	0.064	0.0157	0.00000591	21.3	0.0000179	0.000687
2074 Oct	216	0.0716	0.0748	0.0033	74.9	0.0645	54.4	0.000921	0.000921	0.0000051	0.00571	0.00146	0.0641	0.0156	0.00000591	21.3	0.0000179	0.000687
2074 Nov	216	0.0716	0.0748	0.0033	74.9	0.0645	54.4	0.000921	0.000921	0.0000051	0.00571	0.00146	0.0641	0.0156	0.00000591	21.3	0.0000179	0.000687
2074 Dec	216	0.0716	0.0748	0.0033	74.9	0.0645	54.4	0.000921	0.000921	0.0000051	0.00571	0.00146	0.0641	0.0157	0.00000591	21.3	0.0000179	0.000687
2075 Jan	216	0.0716	0.0748	0.0033	74.9	0.0645	54.4	0.000921	0.000921	0.0000051	0.00571	0.00146	0.0641	0.0157	0.00000591	21.3	0.0000179	0.000687
2075 Feb	216	0.0716	0.0748	0.0033	74.9	0.0645	54.4	0.000921	0.000921	0.0000051	0.00571	0.00146	0.0641	0.0157	0.00000591	21.3	0.0000179	0.000687
2075 Mar	216	0.0716	0.0748	0.0033	74.9	0.0645	54.4	0.000921	0.000921	0.0000051	0.00571	0.00146	0.0641	0.0157	0.00000591	21.3	0.0000179	0.000687
2075 Apr	216	0.0716	0.0748	0.0033	74.9	0.0646	54.5	0.000922	0.000922	0.0000051	0.00572	0.00146	0.0641	0.0157	0.00000591	21.3	0.0000179	0.000687
2075 May	217	0.0717	0.0749	0.00331	75	0.0646	54.5	0.000923	0.000923	0.00000511	0.00572	0.00147	0.0642	0.0157	0.00000592	21.3	0.0000179	0.000688
2075 Jun	216	0.0711	0.0742	0.00328	74.7	0.0644	54.4	0.000919	0.000919	0.00000509	0.00572	0.00146	0.0641	0.0156	0.0000059	21.3	0.0000179	0.000687
2075 Jul	217	0.071	0.0741	0.00328	74.8	0.0646	54.6	0.000919	0.000919	0.00000509	0.00573	0.00147	0.0643	0.0156	0.0000059	21.3	0.000018	0.00069
2075 Aug	217	0.0711	0.0742	0.00328	75.1	0.0648	54.8	0.000921	0.000921	0.0000051	0.00575	0.00147	0.0646	0.0157	0.00000592	21.4	0.000018	0.000692
2075 Sep	218	0.0711	0.0742	0.00328	75.3	0.065	55	0.000921	0.000921	0.0000051	0.00576	0.00148	0.0648	0.0157	0.00000593	21.4	0.0000181	0.000694
2075 Oct	218	0.0711	0.0741	0.00328	75.3	0.065	55	0.000921	0.000921	0.0000051	0.00576	0.00148	0.0648	0.0157	0.00000592	21.4	0.0000181	0.000694
2075 Nov	218	0.0711	0.0741	0.00328	75.3	0.065	55	0.000921	0.000921	0.0000051	0.00576	0.00148	0.0648	0.0157	0.00000593	21.4	0.0000181	0.000695
2075 Dec	218	0.0711	0.0741	0.00328	75.3	0.065	55	0.000921	0.000921	0.0000051	0.00576	0.00148	0.0648	0.0157	0.00000593	21.4	0.0000181	0.000695
2076 Jan	218	0.0711	0.0741	0.00328	75.3	0.065	55	0.000921	0.000921	0.0000051	0.00576	0.00148	0.0648	0.0157	0.00000593	21.4	0.0000181	0.000695
2076 Feb	218	0.0711	0.0741	0.00328	75.3	0.065	55	0.000921	0.000921	0.0000051	0.00576	0.00148	0.0648	0.0157	0.00000593	21.4	0.0000181	0.000695
2076 Mar	218	0.0711	0.0741	0.00328	75.3	0.065	55	0.000921	0.000921	0.0000051	0.00576	0.00148	0.0648	0.0157	0.00000593	21.4	0.0000181	0.000695
2076 Apr	218	0.0712	0.0742	0.00328	75.3	0.065	55	0.000921	0.000921	0.00000511	0.00576	0.00148	0.0649	0.0157	0.00000593	21.4	0.0000181	0.000695
2076 May	218	0.0712	0.0742	0.00328	75.4	0.0651	55.1	0.000922	0.000922	0.00000511	0.00577	0.00148	0.0649	0.0158	0.00000593	21.5	0.0000181	0.000696
2076 Jun	218	0.0707	0.0735	0.00325	75.1	0.0648	55	0.000918	0.000918	0.00000509	0.00576	0.00148	0.0648	0.0158	0.00000591	21.5	0.0000181	0.000695
2076 Jul	219	0.0708	0.0735	0.00326	75.4	0.0651	55.3	0.000919	0.000919	0.0000051	0.00578	0.00149	0.0651	0.0158	0.00000592	21.6	0.0000182	0.000699
2076 Aug	220	0.0711	0.0738	0.00327	75.7	0.0654	55.5	0.000922	0.000922	0.00000511	0.0058	0.00149	0.0654	0.0159	0.00000594	21.7	0.0000182	0.000702
2076 Sep	220	0.0711	0.0738	0.00327	75.9	0.0655	55.7	0.000923	0.000923	0.00000512	0.00581	0.0015	0.0656	0.0159	0.00000595	21.7	0.0000183	0.000704
2076 Oct	220	0.071	0.0736	0.00326	75.8	0.0655	55.7	0.000921	0.000921	0.00000511	0.00581	0.0015	0.0656	0.0159	0.00000594	21.7	0.0000183	0.000704
2076 Nov	220	0.071	0.0736	0.00326	75.8	0.0655	55.7	0.000921	0.000921	0.00000511	0.00581	0.0015	0.0656	0.0159	0.00000594	21.7	0.0000183	0.000704
2076 Dec	220	0.071	0.0736	0.00326	75.8	0.0655	55.7	0.000921	0.000921	0.00000511	0.00581	0.0015	0.0656	0.0159	0.00000594	21.7	0.0000183	0.000704
2077 Jan	220	0.071	0.0736	0.00326	75.8	0.0655	55.7	0.000921	0.000921	0.00000511	0.00581	0.0015	0.0656	0.0159	0.00000594	21.7	0.0000183	0.000704
2077 Feb	220	0.071	0.0736	0.00326	75.8	0.0655	55.7	0.000921	0.000921	0.00000511	0.00581	0.0015	0.0656	0.0159	0.00000594	21.7	0.0000183	0.000704
2077 Mar	220	0.071	0.0736	0.00326	75.8	0.0655	55.7	0.000921	0.000921	0.00000511	0.00581	0.0015	0.0656	0.0159	0.00000594	21.7	0.0000183	0.000704
2077 Apr	220	0.0711	0.0736	0.00326	75.9	0.0655	55.7	0.000922	0.000922	0.00000511	0.00581	0.0015	0.0656	0.0159	0.00000594	21.7	0.0000183	0.000704
2077 May	220	0.0711	0.0736	0.00326	75.9	0.0656	55.7	0.000922	0.000922	0.00000511	0.00582	0.0015	0.0657	0.0159	0.00000595	21.7	0.0000183	0.000705
2077 Jun	220	0.0706	0.0729	0.00323	75.7	0.0654	55.7	0.000917	0.000917	0.00000509	0.00581	0.0015	0.0656	0.016	0.00000592	21.7	0.0000183	0.000705
2077 Jul	221	0.0708	0.0732	0.00325	76	0.0657	56	0.000921	0.000921	0.00000511	0.00583	0.00151	0.0659	0.016	0.00000595	21.8	0.0000184	0.000708
2077 Aug	222	0.0711	0.0734	0.00326	76.3	0.066	56.2	0.000924	0.000924	0.00000513	0.00586	0.00151	0.0662	0.0161	0.00000597	21.9	0.0000185	0.000711
2077 Sep	222	0.0709	0.0731	0.00324	76.3	0.066	56.3	0.000921	0.000921	0.00000512	0.00585	0.00151	0.0663	0.0161	0.00000596	21.9	0.0000185	0.000712
2077 Oct	222	0.0709	0.073	0.00324	76.3	0.066	56.3	0.000921	0.000921	0.00000511	0.00585	0.00152	0.0663	0.0161	0.00000596	21.9	0.0000185	0.000712
2077 Nov	222	0.0709	0.073	0.00324	76.3	0.066	56.3	0.000921	0.000921	0.00000511	0.00585	0.00152	0.0664	0.0161	0.00000596	21.9	0.0000185	0.000712
2077 Dec	222	0.0709	0.073	0.00324	76.3	0.066	56.3	0.000921	0.000921	0.00000511	0.00585	0.00152	0.0664	0.0161	0.00000596	21.9	0.0000185	0.000712
2078 Jan	222	0.0709	0.073	0.00324	76.3	0.066	56.3	0.000921	0.000921	0.00000511	0.00585	0.00152	0.0664	0.0161	0.00000596	21.9	0.0000185	0.000712
2078 Feb	222	0.0709	0.073	0.00324	76.3	0.066	56.3	0.000921	0.000921	0.00000511	0.00585	0.00152	0.0664	0.0161	0.00000596	21.9	0.0000185	0.000712
2078 Mar	222	0.0709	0.073	0.00324	76.3	0.066	56.3	0.000921	0.000921	0.00000511	0.00586	0.00152	0.0664	0.0161	0.00000596	21.9	0.0000185	0.000712
2078 Apr	222	0.0709	0.073	0.00324	76.4	0.066	56.4	0.000921	0.000921	0.00000512	0.00586	0.00152	0.0664	0.0161	0.00000596	21.9	0.0000185	0.000713
2078 May	222	0.0709	0.0728	0.00323	76.3	0.066	56.3	0.000921	0.000921	0.00000511	0.00586	0.00152	0.0663	0.0162	0.00000596	22	0.0000185	0.000713
2078 Jun	222	0.0704	0.0722	0.00321	76.1	0.0658	56.3	0.000916	0.000916	0.00000509	0.00585	0.00152	0.0663	0.0162	0.00000593	22	0.0000185	0.000713
2078 Jul	223	0.0706	0.0724	0.00322	76.4	0.0661	56.6	0.000919	0.000919	0.00000511	0.00587	0.00153	0.0666	0.0163	0.00000595	22.1	0.0000186	0.000717
2078 Aug	224	0.0707	0.0725	0.00322	76.7	0.0663	56.8	0.000921	0.000921	0.00000512	0.00589	0.00153	0.0669	0.0163	0.00000597	22.2	0.0000186	0.00072
2078 Sep	224	0.0708	0.0725	0.00322	76.9	0.0665	57	0.000921	0.000921	0.00000512	0.0059	0.00154	0.0671	0.0163	0.00000597	22.2	0.0000186	0.000721
2078 Oct	224	0.0707	0.0724	0.00322	76.9	0.0665	57	0.000921	0.000921	0.00000512	0.0059	0.00154	0.0671	0.0163	0.00000597	22.2	0.0000187	0.000722
2078 Nov	224	0.0707	0.0724	0.00322	76.9	0.0665	57	0.000921	0.000921	0.00000512	0.0059	0.00154	0.0672	0.0163	0.00000597	22.2	0.0000187	0.000722
2078 Dec	224	0.0707	0.0724	0.00322	76.9	0.0665	57	0.000921	0.000921	0.00000512	0.0059	0.00154	0.0672	0.0163	0.00000597	22.2	0.0000187	0.000722
2079 Jan	224	0.0707	0.0724	0.00322	76.9	0.0665	57	0.000921	0.000921	0.00000512	0.0059	0.00154	0.0672	0.0163	0.00000597	22.2	0.0000187	0.000722

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2079 Feb	224	0.0707	0.0724	0.00322	76.9	0.0665	57	0.000921	0.000921	0.00000512	0.0059	0.00154	0.0672	0.0163	0.00000597	22.2	0.0000187	0.000722
2079 Mar	224	0.0708	0.0724	0.00322	76.9	0.0665	57	0.000921	0.000921	0.00000512	0.0059	0.00154	0.0672	0.0163	0.00000597	22.2	0.0000187	0.000722
2079 Apr	224	0.0708	0.0724	0.00322	76.9	0.0665	57.1	0.000921	0.000921	0.00000512	0.0059	0.00154	0.0672	0.0163	0.00000598	22.2	0.0000187	0.000722
2079 May	225	0.0709	0.0725	0.00322	77	0.0666	57.1	0.000922	0.000922	0.00000513	0.00591	0.00154	0.0673	0.0164	0.00000598	22.3	0.0000187	0.000723
2079 Jun	224	0.0702	0.0717	0.00319	76.7	0.0664	57	0.000917	0.000917	0.0000051	0.0059	0.00154	0.0671	0.0163	0.00000595	22.2	0.0000187	0.000722
2079 Jul	224	0.0702	0.0717	0.00319	76.8	0.0665	57.2	0.000918	0.000918	0.00000511	0.00591	0.00154	0.0674	0.0164	0.00000596	22.3	0.0000187	0.000724
2079 Aug	225	0.0704	0.0719	0.0032	77.2	0.0668	57.4	0.00092	0.00092	0.00000512	0.00593	0.00155	0.0677	0.0164	0.00000598	22.4	0.0000188	0.000728
2079 Sep	226	0.0703	0.0717	0.00319	77.2	0.0669	57.6	0.00092	0.00092	0.00000512	0.00594	0.00155	0.0678	0.0164	0.00000598	22.4	0.0000188	0.000729
2079 Oct	226	0.0703	0.0716	0.00319	77.2	0.0669	57.6	0.000919	0.000919	0.00000511	0.00594	0.00155	0.0678	0.0164	0.00000598	22.4	0.0000188	0.000729
2079 Nov	226	0.0703	0.0715	0.00319	77.2	0.0669	57.6	0.000918	0.000918	0.00000511	0.00594	0.00155	0.0678	0.0164	0.00000597	22.4	0.0000188	0.000729
2079 Dec	226	0.0703	0.0715	0.00319	77.2	0.0669	57.6	0.000918	0.000918	0.00000511	0.00594	0.00155	0.0678	0.0164	0.00000597	22.4	0.0000188	0.000729
2080 Jan	226	0.0703	0.0715	0.00319	77.2	0.0669	57.6	0.000918	0.000918	0.00000511	0.00594	0.00155	0.0678	0.0164	0.00000597	22.4	0.0000188	0.000729
2080 Feb	226	0.0703	0.0715	0.00319	77.2	0.0669	57.6	0.000918	0.000918	0.00000511	0.00594	0.00155	0.0678	0.0164	0.00000597	22.4	0.0000188	0.000729
2080 Mar	226	0.0703	0.0715	0.00319	77.2	0.0669	57.6	0.000918	0.000918	0.00000511	0.00594	0.00155	0.0678	0.0164	0.00000597	22.4	0.0000188	0.000729
2080 Apr	226	0.0703	0.0715	0.00319	77.2	0.0669	57.6	0.000918	0.000918	0.00000511	0.00594	0.00155	0.0678	0.0164	0.00000598	22.4	0.0000188	0.000729
2080 May	226	0.0704	0.0716	0.00319	77.3	0.067	57.7	0.00092	0.00092	0.00000512	0.00595	0.00155	0.0679	0.0164	0.00000598	22.4	0.0000188	0.00073
2080 Jun	226	0.07	0.0712	0.00318	77.1	0.0669	57.6	0.000917	0.000917	0.00000511	0.00595	0.00155	0.0679	0.0164	0.00000597	22.4	0.0000189	0.00073
2080 Jul	226	0.0698	0.0711	0.00317	77.3	0.067	57.8	0.000917	0.000917	0.00000511	0.00596	0.00156	0.0681	0.0164	0.00000598	22.4	0.0000189	0.000732
2080 Aug	227	0.0699	0.0711	0.00318	77.5	0.0673	58	0.000919	0.000919	0.00000512	0.00597	0.00156	0.0684	0.0164	0.00000599	22.5	0.000019	0.000734
2080 Sep	227	0.0699	0.071	0.00317	77.6	0.0673	58.1	0.000918	0.000918	0.00000512	0.00598	0.00156	0.0685	0.0164	0.00000599	22.5	0.000019	0.000736
2080 Oct	227	0.0698	0.0709	0.00317	77.6	0.0674	58.2	0.000918	0.000918	0.00000512	0.00598	0.00156	0.0685	0.0164	0.00000599	22.5	0.000019	0.000736
2080 Nov	227	0.0698	0.0708	0.00316	77.6	0.0674	58.1	0.000917	0.000917	0.00000511	0.00598	0.00156	0.0685	0.0164	0.00000598	22.5	0.000019	0.000736
2080 Dec	227	0.0698	0.0708	0.00316	77.6	0.0674	58.1	0.000917	0.000917	0.00000511	0.00598	0.00156	0.0685	0.0164	0.00000598	22.5	0.000019	0.000736
2081 Jan	227	0.0698	0.0708	0.00316	77.6	0.0674	58.1	0.000917	0.000917	0.00000511	0.00598	0.00156	0.0685	0.0164	0.00000598	22.5	0.000019	0.000736
2081 Feb	227	0.0698	0.0708	0.00316	77.6	0.0674	58.1	0.000917	0.000917	0.00000511	0.00598	0.00156	0.0685	0.0164	0.00000598	22.5	0.000019	0.000736
2081 Mar	227	0.0698	0.0708	0.00316	77.6	0.0674	58.2	0.000917	0.000917	0.00000511	0.00598	0.00156	0.0685	0.0164	0.00000598	22.5	0.000019	0.000736
2081 Apr	227	0.0699	0.0709	0.00317	77.6	0.0674	58.2	0.000917	0.000917	0.00000511	0.00598	0.00156	0.0685	0.0164	0.00000599	22.5	0.000019	0.000736
2081 May	227	0.0699	0.0708	0.00316	77.6	0.0674	58.2	0.000918	0.000918	0.00000512	0.00599	0.00157	0.0685	0.0165	0.00000599	22.5	0.000019	0.000737
2081 Jun	227	0.0696	0.0704	0.00315	77.5	0.0673	58.2	0.000915	0.000915	0.0000051	0.00598	0.00157	0.0685	0.0165	0.00000597	22.6	0.000019	0.000737
2081 Jul	228	0.0699	0.0707	0.00316	77.9	0.0676	58.5	0.000919	0.000919	0.00000513	0.00601	0.00158	0.0689	0.0166	0.000006	22.7	0.0000191	0.000741
2081 Aug	230	0.0702	0.071	0.00317	78.3	0.068	58.8	0.000923	0.000923	0.00000515	0.00604	0.00158	0.0693	0.0167	0.00000603	22.8	0.0000192	0.000745
2081 Sep	230	0.0702	0.0709	0.00317	78.4	0.0681	58.9	0.000923	0.000923	0.00000515	0.00604	0.00159	0.0694	0.0167	0.00000603	22.8	0.0000192	0.000746
2081 Oct	230	0.0702	0.0709	0.00317	78.4	0.0681	59	0.000923	0.000923	0.00000515	0.00605	0.00159	0.0695	0.0167	0.00000603	22.8	0.0000192	0.000747
2081 Nov	230	0.0701	0.0708	0.00317	78.4	0.0681	59	0.000922	0.000922	0.00000514	0.00604	0.00159	0.0695	0.0167	0.00000603	22.8	0.0000192	0.000747
2081 Dec	230	0.0701	0.0708	0.00316	78.4	0.0681	59	0.000922	0.000922	0.00000514	0.00604	0.00159	0.0695	0.0167	0.00000603	22.8	0.0000192	0.000747
2082 Jan	230	0.0701	0.0708	0.00316	78.4	0.0681	59	0.000922	0.000922	0.00000514	0.00604	0.00159	0.0695	0.0167	0.00000603	22.8	0.0000192	0.000747
2082 Feb	230	0.0701	0.0708	0.00316	78.4	0.0681	59	0.000922	0.000922	0.00000514	0.00604	0.00159	0.0695	0.0167	0.00000603	22.8	0.0000192	0.000747
2082 Mar	230	0.0701	0.0708	0.00317	78.4	0.0681	59	0.000922	0.000922	0.00000514	0.00604	0.00159	0.0695	0.0167	0.00000603	22.8	0.0000192	0.000747
2082 Apr	230	0.0702	0.0708	0.00317	78.4	0.0681	59	0.000922	0.000922	0.00000515	0.00605	0.00159	0.0695	0.0167	0.00000603	22.8	0.0000192	0.000747
2082 May	230	0.0702	0.0709	0.00317	78.5	0.0682	59.1	0.000923	0.000923	0.00000515	0.00605	0.00159	0.0696	0.0167	0.00000604	22.9	0.0000192	0.000748
2082 Jun	229	0.0696	0.0702	0.00314	78.2	0.0679	58.9	0.000919	0.000919	0.00000513	0.00604	0.00159	0.0694	0.0166	0.00000601	22.8	0.0000192	0.000746
2082 Jul	230	0.0693	0.0699	0.00313	78.2	0.068	59	0.000917	0.000917	0.00000512	0.00605	0.00159	0.0695	0.0166	0.00000601	22.8	0.0000193	0.000747
2082 Aug	231	0.0695	0.07	0.00314	78.5	0.0683	59.3	0.00092	0.00092	0.00000514	0.00607	0.00159	0.0699	0.0167	0.00000603	22.9	0.0000193	0.000751
2082 Sep	231	0.0695	0.0701	0.00314	78.6	0.0684	59.4	0.000921	0.000921	0.00000514	0.00608	0.0016	0.07	0.0167	0.00000603	22.9	0.0000194	0.000752
2082 Oct	231	0.0694	0.0698	0.00313	78.5	0.0683	59.4	0.000918	0.000918	0.00000513	0.00607	0.0016	0.07	0.0167	0.00000602	22.9	0.0000194	0.000752
2082 Nov	231	0.0694	0.0698	0.00313	78.6	0.0684	59.4	0.000918	0.000918	0.00000513	0.00608	0.0016	0.07	0.0167	0.00000602	22.9	0.0000194	0.000752
2082 Dec	231	0.0694	0.0698	0.00313	78.6	0.0684	59.4	0.000918	0.000918	0.00000513	0.00608	0.0016	0.07	0.0167	0.00000602	22.9	0.0000194	0.000752
2083 Jan	231	0.0694	0.0698	0.00313	78.6	0.0684	59.4	0.000918	0.000918	0.00000513	0.00608	0.0016	0.07	0.0167	0.00000602	22.9	0.0000194	0.000752
2083 Feb	231	0.0694	0.0698	0.00313	78.6	0.0684	59.4	0.000918	0.000918	0.00000513	0.00608	0.0016	0.07	0.0167	0.00000602	22.9	0.0000194	0.000752
2083 Mar	231	0.0694	0.0698	0.00313	78.6	0.0684	59.4	0.000918	0.000918	0.00000513	0.00608	0.0016	0.07	0.0167	0.00000602	22.9	0.0000194	0.000752
2083 Apr	231	0.0694	0.0698	0.00313	78.6	0.0684	59.4	0.000919	0.000919	0.00000513	0.00608	0.0016	0.0701	0.0167	0.00000603	22.9	0.0000194	0.000752
2083 May	231	0.0695	0.0698	0.00313	78.6	0.0684	59.4	0.00092	0.00092	0.00000514	0.00609	0.0016	0.0701	0.0167	0.00000603	22.9	0.0000194	0.000753
2083 Jun	231	0.069	0.0692	0.0031	78.3	0.0681	59.3	0.000915	0.000915	0.00000511	0.00607	0.0016	0.0699	0.0168	0.000006	22.9	0.0000194	0.000752
2083 Jul	231	0.0691	0.0692	0.00311	78.6	0.0684	59.6	0.000916	0.000916	0.00000512	0.00609	0.00161	0.0702	0.0168	0.00000602	23	0.0000195	0.000756
2083 Aug	232	0.0691	0.0692	0.00311	78.8	0.0686	59.8	0.000917	0.000917	0.00000513	0.0061	0.00161	0.0705	0.0168	0.00000603	23.1	0.0000195	0.000758
2083 Sep	232	0.0691	0.0691	0.0031	78.9	0.0687	59.9	0.000917	0.000917	0.00000513	0.00611	0.00161	0.0706	0.0168	0.00000603	23.1	0.0000195	0.000759
2083 Oct	232	0.069	0.0688	0.00309	78.8	0.0686	59.9	0.000914	0.000914	0.00000512	0.0061	0.00161	0.0706	0.0168	0.00000601	23.1	0.0000195	0.000759
2083 Nov	232	0.0689	0.0688	0.00309	78.7	0.0686	59.9	0.000914	0.000914	0.00000511	0.0061	0.00161	0.0705	0.0168	0.00000601	23.1	0.0000195	0.000758
2083 Dec	232	0.0689	0.0688	0.00309	78.7	0.0686	59.9	0.000914	0.000914	0.00000511	0.0061	0.00161	0.0705	0.0168	0.00000601	23.1	0.0000195	0.000758
2084 Jan	232	0.0689	0.0688	0.00309	78.7	0.0686	59.9	0.000914	0.000914	0.00000511	0.0061	0.00161	0.0705	0.0168	0.00000601	23.1	0.0000195	0.000758
2084 Feb	232	0.0689	0.0688	0.00309	78.7	0.0686	59.9	0.000914	0.000914	0.00000511	0.0061	0.00161	0.0705	0.0168	0.00000601	23.1	0.0000195	0.000758
2084 Mar	232	0.069	0.0688	0.00309	78.8	0.0686	59.9	0.000914	0.000914	0.00000511	0.0061	0.00161	0.0706	0.0168	0.00000601	23.1	0.0000195	0.000758
2084 Apr	232	0.069	0.0688	0.00309	78.8	0.0687	59.9	0.000914	0.000914	0.00000512	0.0061	0.00161	0.0706	0.0168	0.00000601	23.1	0.0000195	0.000759
2084 May	232	0.069	0.0687	0.00309	78.8	0.0687	59.9	0.000915	0.000915	0.00000512	0.00611	0.00162	0.0706	0.0169	0.00000602	23.1	0.0000195	0.00076
2084 Jun	232	0.0686	0.0681	0.00306	78.6	0.0684	59.8	0.00091	0.00091	0.00000509	0.00609	0.00162	0.0705	0.0169	0.00000599	23.1	0.0000195	0.000759
2084 Jul	233	0.0687	0.0683	0.00307	78.9	0.0687	60.1	0.000912	0.000912	0.00000511	0.00612	0.00162	0.0708	0.017	0.00000601	23.2	0.0000196	0.000763
2084 Aug	234	0.0689	0.0684	0.00308	79.2	0.069	60.4	0.000914	0.000914	0.00000512	0.00614	0.00163	0.0711	0.017	0.00000603	23.3	0.0000196	0.000766

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Sep	234	0.0688	0.0683	0.00307	79.3	0.0691	60.5	0.000914	0.000914	0.00000512	0.00614	0.00163	0.0713	0.017	0.00000603	23.3	0.0000197	0.000767
2084 Oct	234	0.0688	0.0681	0.00307	79.2	0.0691	60.5	0.000912	0.000912	0.00000511	0.00614	0.00163	0.0713	0.017	0.00000602	23.3	0.0000196	0.000767
2084 Nov	234	0.0687	0.0681	0.00306	79.2	0.0691	60.5	0.000912	0.000912	0.00000511	0.00614	0.00163	0.0712	0.017	0.00000602	23.3	0.0000196	0.000767
2084 Dec	234	0.0687	0.0681	0.00306	79.2	0.0691	60.5	0.000912	0.000912	0.00000511	0.00614	0.00163	0.0712	0.017	0.00000602	23.3	0.0000196	0.000767
2085 Jan	234	0.0687	0.0681	0.00306	79.2	0.0691	60.5	0.000912	0.000912	0.00000511	0.00614	0.00163	0.0712	0.017	0.00000602	23.3	0.0000196	0.000767
2085 Feb	234	0.0687	0.0681	0.00306	79.2	0.0691	60.5	0.000912	0.000912	0.00000511	0.00614	0.00163	0.0712	0.017	0.00000602	23.3	0.0000196	0.000767
2085 Mar	234	0.0687	0.0681	0.00306	79.2	0.0691	60.5	0.000912	0.000912	0.00000511	0.00614	0.00163	0.0712	0.017	0.00000602	23.3	0.0000196	0.000767
2085 Apr	234	0.0688	0.0681	0.00307	79.2	0.0691	60.5	0.000912	0.000912	0.00000511	0.00614	0.00163	0.0713	0.017	0.00000602	23.3	0.0000196	0.000767
2085 May	234	0.0688	0.068	0.00306	79.2	0.0691	60.5	0.000913	0.000913	0.00000511	0.00614	0.00163	0.0713	0.0171	0.00000602	23.4	0.0000197	0.000768
2085 Jun	234	0.0686	0.0678	0.00305	79.2	0.069	60.5	0.000911	0.000911	0.0000051	0.00614	0.00164	0.0713	0.0171	0.00000601	23.4	0.0000197	0.000768
2085 Jul	235	0.0688	0.068	0.00306	79.5	0.0694	60.8	0.000914	0.000914	0.00000512	0.00617	0.00164	0.0717	0.0172	0.00000604	23.5	0.0000198	0.000772
2085 Aug	236	0.0688	0.0679	0.00306	79.7	0.0695	61	0.000914	0.000914	0.00000513	0.00618	0.00165	0.0719	0.0172	0.00000604	23.5	0.0000198	0.000775
2085 Sep	236	0.0687	0.0677	0.00305	79.7	0.0696	61.1	0.000912	0.000912	0.00000512	0.00618	0.00165	0.072	0.0172	0.00000604	23.5	0.0000198	0.000775
2085 Oct	236	0.0686	0.0675	0.00304	79.7	0.0696	61.1	0.000911	0.000911	0.00000511	0.00617	0.00165	0.072	0.0172	0.00000603	23.5	0.0000198	0.000775
2085 Nov	236	0.0686	0.0674	0.00304	79.7	0.0695	61.1	0.00091	0.00091	0.00000511	0.00617	0.00165	0.072	0.0171	0.00000602	23.5	0.0000198	0.000775
2085 Dec	236	0.0686	0.0674	0.00304	79.7	0.0695	61.1	0.00091	0.00091	0.00000511	0.00617	0.00165	0.072	0.0171	0.00000602	23.5	0.0000198	0.000775
2086 Jan	236	0.0686	0.0674	0.00304	79.7	0.0695	61.1	0.00091	0.00091	0.00000511	0.00617	0.00165	0.072	0.0171	0.00000602	23.5	0.0000198	0.000775
2086 Feb	236	0.0686	0.0674	0.00304	79.7	0.0695	61.1	0.00091	0.00091	0.00000511	0.00617	0.00165	0.072	0.0171	0.00000602	23.5	0.0000198	0.000775
2086 Mar	236	0.0686	0.0674	0.00304	79.7	0.0695	61.1	0.00091	0.00091	0.00000511	0.00617	0.00165	0.072	0.0171	0.00000602	23.5	0.0000198	0.000775
2086 Apr	236	0.0686	0.0675	0.00304	79.7	0.0696	61.1	0.000911	0.000911	0.00000511	0.00617	0.00165	0.072	0.0171	0.00000603	23.5	0.0000198	0.000775
2086 May	236	0.0687	0.0675	0.00304	79.8	0.0696	61.2	0.000912	0.000912	0.00000511	0.00618	0.00165	0.0721	0.0172	0.00000603	23.6	0.0000198	0.000776
2086 Jun	235	0.0682	0.0669	0.00302	79.4	0.0694	61	0.000907	0.000907	0.00000509	0.00617	0.00165	0.0719	0.0172	0.00000601	23.5	0.0000198	0.000775
2086 Jul	236	0.0683	0.067	0.00302	79.8	0.0697	61.3	0.00091	0.00091	0.00000511	0.00619	0.00166	0.0723	0.0173	0.00000603	23.6	0.0000199	0.000779
2086 Aug	237	0.0684	0.0671	0.00303	80.1	0.0699	61.6	0.000911	0.000911	0.00000512	0.00621	0.00166	0.0726	0.0173	0.00000604	23.7	0.0000199	0.000782
2086 Sep	238	0.0684	0.067	0.00302	80.1	0.07	61.7	0.000911	0.000911	0.00000512	0.00621	0.00166	0.0727	0.0173	0.00000604	23.7	0.00002	0.000783
2086 Oct	238	0.0684	0.0669	0.00302	80.2	0.07	61.8	0.000911	0.000911	0.00000511	0.00622	0.00166	0.0727	0.0173	0.00000604	23.7	0.00002	0.000783
2086 Nov	238	0.0684	0.0669	0.00302	80.2	0.0701	61.8	0.000911	0.000911	0.00000512	0.00622	0.00167	0.0728	0.0173	0.00000604	23.8	0.00002	0.000784
2086 Dec	238	0.0684	0.0669	0.00302	80.2	0.0701	61.8	0.000911	0.000911	0.00000512	0.00622	0.00167	0.0728	0.0173	0.00000604	23.8	0.00002	0.000784
2087 Jan	238	0.0684	0.0669	0.00302	80.2	0.0701	61.8	0.000911	0.000911	0.00000512	0.00622	0.00167	0.0728	0.0173	0.00000604	23.8	0.00002	0.000784
2087 Feb	238	0.0684	0.0669	0.00302	80.2	0.0701	61.8	0.000911	0.000911	0.00000512	0.00622	0.00167	0.0728	0.0173	0.00000604	23.8	0.00002	0.000784
2087 Mar	238	0.0684	0.0669	0.00302	80.2	0.0701	61.8	0.000911	0.000911	0.00000512	0.00622	0.00167	0.0728	0.0173	0.00000605	23.8	0.00002	0.000784
2087 Apr	238	0.0684	0.0669	0.00302	80.2	0.0701	61.8	0.000911	0.000911	0.00000512	0.00622	0.00167	0.0728	0.0173	0.00000605	23.8	0.00002	0.000784
2087 May	238	0.0684	0.0669	0.00302	80.2	0.0701	61.8	0.000911	0.000911	0.00000512	0.00622	0.00167	0.0728	0.0173	0.00000605	23.8	0.00002	0.000784
2087 Jun	238	0.0682	0.0665	0.00301	80.1	0.07	61.8	0.000909	0.000909	0.00000511	0.00622	0.00167	0.0728	0.0174	0.00000603	23.8	0.00002	0.000784
2087 Jul	239	0.0683	0.0666	0.00301	80.4	0.0702	62	0.000911	0.000911	0.00000512	0.00624	0.00168	0.0731	0.0174	0.00000605	23.9	0.0000201	0.000788
2087 Aug	240	0.0685	0.0668	0.00302	80.7	0.0705	62.3	0.000914	0.000914	0.00000514	0.00626	0.00168	0.0734	0.0175	0.00000607	24	0.0000201	0.000791
2087 Sep	240	0.0686	0.0669	0.00302	80.9	0.0707	62.5	0.000915	0.000915	0.00000514	0.00627	0.00169	0.0736	0.0175	0.00000608	24	0.0000202	0.000793
2087 Oct	240	0.0686	0.0668	0.00302	80.9	0.0707	62.5	0.000914	0.000914	0.00000514	0.00627	0.00169	0.0736	0.0175	0.00000608	24	0.0000202	0.000793
2087 Nov	240	0.0685	0.0668	0.00302	80.9	0.0707	62.5	0.000914	0.000914	0.00000514	0.00627	0.00169	0.0736	0.0175	0.00000608	24	0.0000202	0.000793
2087 Dec	240	0.0685	0.0668	0.00302	80.9	0.0707	62.5	0.000914	0.000914	0.00000514	0.00627	0.00169	0.0736	0.0175	0.00000608	24	0.0000202	0.000793
2088 Jan	240	0.0685	0.0668	0.00302	80.9	0.0707	62.5	0.000914	0.000914	0.00000514	0.00627	0.00169	0.0736	0.0175	0.00000608	24	0.0000202	0.000793
2088 Feb	240	0.0685	0.0668	0.00302	80.9	0.0707	62.5	0.000914	0.000914	0.00000514	0.00627	0.00169	0.0736	0.0175	0.00000608	24	0.0000202	0.000793
2088 Mar	240	0.0686	0.0668	0.00302	80.9	0.0707	62.5	0.000914	0.000914	0.00000514	0.00627	0.00169	0.0736	0.0175	0.00000608	24	0.0000202	0.000793
2088 Apr	240	0.0686	0.0668	0.00302	81	0.0708	62.6	0.000915	0.000915	0.00000514	0.00628	0.00169	0.0737	0.0175	0.00000608	24.1	0.0000202	0.000794
2088 May	241	0.0687	0.0669	0.00303	81.1	0.0709	62.7	0.000916	0.000916	0.00000515	0.00629	0.00169	0.0738	0.0176	0.00000609	24.1	0.0000202	0.000795
2088 Jun	240	0.0684	0.0666	0.00301	80.9	0.0708	62.6	0.000914	0.000914	0.00000514	0.00629	0.00169	0.0737	0.0175	0.00000608	24.1	0.0000202	0.000795
2088 Jul	241	0.0685	0.0667	0.00302	81.2	0.071	62.9	0.000917	0.000917	0.00000516	0.00631	0.0017	0.0741	0.0176	0.0000061	24.2	0.0000203	0.000798
2088 Aug	243	0.0688	0.067	0.00303	81.7	0.0714	63.2	0.000922	0.000922	0.00000518	0.00635	0.00171	0.0745	0.0177	0.00000613	24.3	0.0000204	0.000803
2088 Sep	243	0.0689	0.067	0.00304	81.8	0.0716	63.4	0.000922	0.000922	0.00000519	0.00636	0.00171	0.0747	0.0177	0.00000614	24.3	0.0000205	0.000804
2088 Oct	243	0.0687	0.0668	0.00303	81.7	0.0715	63.3	0.00092	0.00092	0.00000518	0.00635	0.00171	0.0746	0.0177	0.00000613	24.3	0.0000204	0.000804
2088 Nov	243	0.0687	0.0667	0.00302	81.7	0.0715	63.3	0.000919	0.000919	0.00000517	0.00635	0.00171	0.0746	0.0177	0.00000613	24.3	0.0000204	0.000804
2088 Dec	243	0.0687	0.0667	0.00302	81.7	0.0715	63.3	0.00092	0.00092	0.00000517	0.00635	0.00171	0.0746	0.0177	0.00000613	24.3	0.0000204	0.000804
2089 Jan	243	0.0687	0.0667	0.00302	81.7	0.0715	63.3	0.00092	0.00092	0.00000517	0.00635	0.00171	0.0746	0.0177	0.00000613	24.3	0.0000204	0.000804
2089 Feb	243	0.0687	0.0667	0.00302	81.7	0.0715	63.3	0.00092	0.00092	0.00000517	0.00635	0.00171	0.0746	0.0177	0.00000613	24.3	0.0000204	0.000804
2089 Mar	243	0.0687	0.0667	0.00302	81.7	0.0715	63.3	0.00092	0.00092	0.00000517	0.00635	0.00171	0.0746	0.0177	0.00000613	24.3	0.0000204	0.000804
2089 Apr	243	0.0688	0.0668	0.00303	81.8	0.0715	63.4	0.00092	0.00092	0.00000518	0.00635	0.00171	0.0746	0.0177	0.00000613	24.3	0.0000205	0.000804
2089 May	243	0.0688	0.0667	0.00302	81.8	0.0716	63.4	0.000921	0.000921	0.00000518	0.00636	0.00171	0.0747	0.0177	0.00000613	24.3	0.0000205	0.000805
2089 Jun	243	0.0687	0.0664	0.00301	81.7	0.0715	63.4	0.000919	0.000919	0.00000517	0.00636	0.00171	0.0747	0.0178	0.00000613	24.4	0.0000205	0.000806
2089 Jul	244	0.0688	0.0666	0.00302	82.1	0.0718	63.7	0.000922	0.000922	0.00000519	0.00638	0.00172	0.075	0.0178	0.00000615	24.5	0.0000206	0.000809
2089 Aug	245	0.069	0.0667	0.00303	82.4	0.0721	64	0.000924	0.000924	0.0000052	0.0064	0.00173	0.0753	0.0179	0.00000617	24.6	0.0000207	0.000812
2089 Sep	246	0.069	0.0667	0.00303	82.5	0.0722	64.1	0.000924	0.000924	0.00000521	0.00641	0.00173	0.0755	0.0179	0.00000617	24.6	0.0000207	0.000814
2089 Oct	245	0.0688	0.0664	0.00301	82.4	0.0721	64	0.000921	0.000921	0.00000519	0.0064	0.00173	0.0754	0.0179	0.00000615	24.6	0.0000206	0.000813
2089 Nov	245	0.0688	0.0664	0.00301	82.3	0.0721	64.1	0.000921	0.000921	0.00000519	0.0064	0.00173	0.0754	0.0179	0.00000615	24.6	0.0000206	0.000813
2089 Dec	245	0.0688	0.0664	0.00301	82.4	0.0721	64.1	0.000921	0.000921	0.00000519	0.0064	0.00173	0.0754	0.0179	0.00000615	24.6	0.0000206	0.000813
2090 Jan	245	0.0688	0.0664	0.00301	82.4	0.0721	64.1	0.000921	0.000921	0.00000519	0.0064	0.00173	0.0755	0.0179	0.00000615	24.6	0.0000206	0.000813
2090 Feb	245	0.0688	0.0664	0.00301	82.4	0.0721	64.1	0.000921	0.000921	0.00000519	0.0064	0.00173	0.0755	0.0179	0.00000615	24.6	0.0000206	0.000813
2090 Mar	245	0.0688	0.0664	0.00301	82.4	0.0721	64.1	0.000921	0.000921	0.00000519	0.0064	0.00173	0.0755	0.0179	0.00000615	24.6	0.0000206	0.000813

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2090 Apr	245	0.0689	0.0664	0.00301	82.4	0.0722	64.1	0.000922	0.000922	0.00000519	0.0064	0.00173	0.0755	0.0179	0.00000616	24.6	0.0000207	0.000813
2090 May	246	0.0689	0.0664	0.00302	82.5	0.0722	64.1	0.000923	0.000923	0.0000052	0.00641	0.00173	0.0755	0.0179	0.00000616	24.6	0.0000207	0.000814
2090 Jun	245	0.0684	0.0658	0.00299	82.1	0.0719	63.9	0.000918	0.000918	0.00000517	0.00639	0.00173	0.0753	0.0179	0.00000613	24.6	0.0000206	0.000813
2090 Jul	246	0.0686	0.0659	0.00299	82.4	0.0722	64.2	0.00092	0.00092	0.00000518	0.00641	0.00173	0.0756	0.018	0.00000615	24.7	0.0000207	0.000816
2090 Aug	246	0.0684	0.0657	0.00299	82.5	0.0723	64.3	0.000919	0.000919	0.00000518	0.00642	0.00174	0.0758	0.018	0.00000615	24.7	0.0000207	0.000817
2090 Sep	246	0.0683	0.0655	0.00298	82.4	0.0723	64.4	0.000917	0.000917	0.00000517	0.00641	0.00174	0.0758	0.0179	0.00000614	24.7	0.0000207	0.000818
2090 Oct	246	0.0681	0.0651	0.00296	82.3	0.0722	64.3	0.000914	0.000914	0.00000515	0.0064	0.00173	0.0757	0.0179	0.00000612	24.6	0.0000207	0.000816
2090 Nov	245	0.0681	0.065	0.00296	82.2	0.0721	64.3	0.000913	0.000913	0.00000515	0.0064	0.00173	0.0757	0.0179	0.00000612	24.6	0.0000207	0.000816
2090 Dec	245	0.0681	0.065	0.00296	82.2	0.0721	64.3	0.000913	0.000913	0.00000515	0.0064	0.00173	0.0757	0.0179	0.00000612	24.6	0.0000207	0.000816
2091 Jan	245	0.0681	0.065	0.00296	82.2	0.0721	64.3	0.000913	0.000913	0.00000515	0.0064	0.00173	0.0757	0.0179	0.00000612	24.6	0.0000207	0.000816
2091 Feb	245	0.0681	0.065	0.00296	82.2	0.0721	64.3	0.000913	0.000913	0.00000515	0.0064	0.00173	0.0757	0.0179	0.00000612	24.6	0.0000207	0.000816
2091 Mar	245	0.0681	0.065	0.00296	82.2	0.0722	64.3	0.000913	0.000913	0.00000515	0.0064	0.00173	0.0757	0.0179	0.00000612	24.6	0.0000207	0.000816
2091 Apr	246	0.0681	0.0651	0.00296	82.3	0.0722	64.3	0.000913	0.000913	0.00000515	0.0064	0.00173	0.0757	0.0179	0.00000612	24.6	0.0000207	0.000816
2091 May	246	0.0682	0.0651	0.00297	82.3	0.0723	64.4	0.000915	0.000915	0.00000516	0.00641	0.00174	0.0758	0.0179	0.00000613	24.7	0.0000207	0.000817
2091 Jun	245	0.0679	0.0647	0.00294	82.1	0.072	64.2	0.000911	0.000911	0.00000514	0.0064	0.00174	0.0756	0.018	0.00000611	24.7	0.0000207	0.000817
2091 Jul	246	0.0682	0.0649	0.00296	82.5	0.0724	64.5	0.000915	0.000915	0.00000516	0.00643	0.00175	0.076	0.0181	0.00000614	24.8	0.0000208	0.000821
2091 Aug	247	0.0681	0.0648	0.00295	82.7	0.0725	64.7	0.000915	0.000915	0.00000517	0.00644	0.00175	0.0763	0.0181	0.00000614	24.8	0.0000208	0.000823
2091 Sep	247	0.0681	0.0647	0.00295	82.7	0.0726	64.8	0.000915	0.000915	0.00000517	0.00644	0.00175	0.0764	0.0181	0.00000614	24.8	0.0000208	0.000824
2091 Oct	247	0.068	0.0645	0.00294	82.6	0.0726	64.8	0.000913	0.000913	0.00000516	0.00644	0.00175	0.0763	0.0181	0.00000613	24.8	0.0000208	0.000823
2091 Nov	247	0.0679	0.0644	0.00294	82.6	0.0725	64.8	0.000912	0.000912	0.00000515	0.00643	0.00175	0.0763	0.018	0.00000612	24.8	0.0000208	0.000823
2091 Dec	247	0.0679	0.0644	0.00294	82.6	0.0725	64.8	0.000912	0.000912	0.00000515	0.00643	0.00175	0.0763	0.018	0.00000612	24.8	0.0000208	0.000823
2092 Jan	247	0.0679	0.0644	0.00294	82.6	0.0725	64.8	0.000912	0.000912	0.00000515	0.00643	0.00175	0.0763	0.018	0.00000612	24.8	0.0000208	0.000823
2092 Feb	247	0.0679	0.0644	0.00294	82.6	0.0725	64.8	0.000912	0.000912	0.00000515	0.00643	0.00175	0.0763	0.018	0.00000612	24.8	0.0000208	0.000823
2092 Mar	247	0.068	0.0644	0.00294	82.6	0.0725	64.8	0.000912	0.000912	0.00000515	0.00644	0.00175	0.0763	0.018	0.00000613	24.8	0.0000208	0.000823
2092 Apr	247	0.068	0.0644	0.00294	82.6	0.0726	64.8	0.000912	0.000912	0.00000515	0.00644	0.00175	0.0763	0.018	0.00000613	24.8	0.0000208	0.000823
2092 May	247	0.068	0.0644	0.00294	82.7	0.0726	64.8	0.000913	0.000913	0.00000516	0.00645	0.00175	0.0764	0.0181	0.00000613	24.9	0.0000208	0.000824
2092 Jun	246	0.0674	0.0636	0.0029	82.1	0.0722	64.5	0.000906	0.000906	0.00000512	0.00642	0.00175	0.076	0.0181	0.00000609	24.8	0.0000208	0.000821
2092 Jul	247	0.0673	0.0636	0.0029	82.3	0.0723	64.7	0.000906	0.000906	0.00000512	0.00643	0.00175	0.0763	0.0181	0.0000061	24.9	0.0000208	0.000824
2092 Aug	248	0.0675	0.0638	0.00291	82.7	0.0726	65.1	0.000909	0.000909	0.00000514	0.00645	0.00176	0.0766	0.0182	0.00000612	25	0.0000209	0.000827
2092 Sep	248	0.0676	0.0637	0.00291	82.8	0.0728	65.2	0.000909	0.000909	0.00000514	0.00646	0.00176	0.0768	0.0182	0.00000612	25	0.0000209	0.000829
2092 Oct	248	0.0675	0.0636	0.00291	82.8	0.0728	65.2	0.000909	0.000909	0.00000514	0.00646	0.00176	0.0768	0.0182	0.00000612	25	0.0000209	0.000829
2092 Nov	248	0.0675	0.0636	0.00291	82.8	0.0728	65.2	0.000909	0.000909	0.00000514	0.00646	0.00176	0.0768	0.0182	0.00000612	25	0.0000209	0.000829
2092 Dec	248	0.0675	0.0636	0.00291	82.8	0.0728	65.2	0.000909	0.000909	0.00000514	0.00646	0.00176	0.0768	0.0182	0.00000612	25	0.0000209	0.000829
2093 Jan	248	0.0675	0.0636	0.00291	82.8	0.0728	65.2	0.000909	0.000909	0.00000514	0.00646	0.00176	0.0768	0.0182	0.00000612	25	0.0000209	0.000829
2093 Feb	248	0.0675	0.0636	0.00291	82.8	0.0728	65.2	0.000909	0.000909	0.00000514	0.00646	0.00176	0.0768	0.0182	0.00000612	25	0.0000209	0.000829
2093 Mar	248	0.0676	0.0637	0.00291	82.8	0.0728	65.2	0.000909	0.000909	0.00000514	0.00646	0.00176	0.0768	0.0182	0.00000612	25	0.0000209	0.000829
2093 Apr	248	0.0676	0.0637	0.00291	82.9	0.0728	65.3	0.00091	0.00091	0.00000514	0.00646	0.00176	0.0769	0.0182	0.00000613	25	0.0000209	0.00083
2093 May	249	0.0677	0.0637	0.00291	83	0.0729	65.3	0.000911	0.000911	0.00000515	0.00647	0.00177	0.0769	0.0182	0.00000613	25	0.000021	0.000831
2093 Jun	248	0.0673	0.0632	0.00289	82.7	0.0727	65.2	0.000907	0.000907	0.00000513	0.00646	0.00177	0.0768	0.0183	0.00000611	25	0.000021	0.00083
2093 Jul	249	0.0675	0.0634	0.0029	83.1	0.073	65.5	0.00091	0.00091	0.00000515	0.00648	0.00177	0.0771	0.0183	0.00000613	25.1	0.000021	0.000834
2093 Aug	250	0.0676	0.0635	0.00291	83.4	0.0733	65.8	0.000912	0.000912	0.00000516	0.00651	0.00178	0.0775	0.0184	0.00000615	25.2	0.0000211	0.000837
2093 Sep	250	0.0677	0.0635	0.00291	83.5	0.0734	65.9	0.000912	0.000912	0.00000516	0.00651	0.00178	0.0776	0.0184	0.00000615	25.3	0.0000211	0.000838
2093 Oct	250	0.0675	0.0632	0.00289	83.3	0.0733	65.8	0.000909	0.000909	0.00000514	0.0065	0.00178	0.0775	0.0183	0.00000614	25.2	0.0000211	0.000837
2093 Nov	250	0.0675	0.0631	0.00289	83.2	0.0732	65.8	0.000908	0.000908	0.00000514	0.0065	0.00178	0.0775	0.0183	0.00000613	25.2	0.0000211	0.000837
2093 Dec	250	0.0675	0.0631	0.00289	83.3	0.0732	65.8	0.000908	0.000908	0.00000514	0.0065	0.00178	0.0775	0.0183	0.00000613	25.2	0.0000211	0.000837
2094 Jan	250	0.0675	0.0631	0.00289	83.3	0.0732	65.8	0.000908	0.000908	0.00000514	0.0065	0.00178	0.0775	0.0183	0.00000613	25.2	0.0000211	0.000837
2094 Feb	250	0.0675	0.0631	0.00289	83.3	0.0732	65.8	0.000908	0.000908	0.00000514	0.0065	0.00178	0.0775	0.0183	0.00000613	25.2	0.0000211	0.000837
2094 Mar	250	0.0675	0.0631	0.00289	83.3	0.0732	65.8	0.000908	0.000908	0.00000514	0.0065	0.00178	0.0775	0.0183	0.00000613	25.2	0.0000211	0.000837
2094 Apr	250	0.0675	0.0631	0.00289	83.3	0.0733	65.8	0.000909	0.000909	0.00000514	0.0065	0.00178	0.0775	0.0183	0.00000613	25.2	0.0000211	0.000837
2094 May	250	0.0675	0.063	0.00289	83.3	0.0732	65.8	0.000908	0.000908	0.00000514	0.0065	0.00178	0.0775	0.0184	0.00000613	25.2	0.0000211	0.000837
2094 Jun	250	0.0674	0.0628	0.00288	83.3	0.0732	65.8	0.000908	0.000908	0.00000514	0.00651	0.00178	0.0775	0.0184	0.00000613	25.3	0.0000211	0.000839
2094 Jul	252	0.0677	0.0631	0.00289	83.7	0.0736	66.2	0.000912	0.000912	0.00000516	0.00654	0.00179	0.078	0.0185	0.00000616	25.4	0.0000213	0.000843
2094 Aug	253	0.068	0.0634	0.0029	84.2	0.074	66.6	0.000916	0.000916	0.00000519	0.00658	0.0018	0.0784	0.0186	0.00000619	25.6	0.0000214	0.000848
2094 Sep	253	0.068	0.0634	0.0029	84.3	0.0741	66.7	0.000916	0.000916	0.00000519	0.00658	0.00181	0.0786	0.0186	0.0000062	25.6	0.0000214	0.000849
2094 Oct	253	0.0679	0.0632	0.00289	84.2	0.0741	66.7	0.000914	0.000914	0.00000518	0.00658	0.00181	0.0786	0.0186	0.00000619	25.6	0.0000214	0.000849
2094 Nov	253	0.0678	0.063	0.00289	84.1	0.074	66.6	0.000913	0.000913	0.00000517	0.00657	0.0018	0.0785	0.0186	0.00000617	25.5	0.0000213	0.000848
2094 Dec	253	0.0678	0.0629	0.00289	84.1	0.074	66.6	0.000913	0.000913	0.00000517	0.00657	0.0018	0.0785	0.0186	0.00000617	25.5	0.0000213	0.000848
2095 Jan	253	0.0678	0.063	0.00289	84.1	0.074	66.6	0.000913	0.000913	0.00000517	0.00657	0.0018	0.0785	0.0186	0.00000617	25.5	0.0000213	0.000848
2095 Feb	253	0.0678	0.063	0.00289	84.1	0.074	66.6	0.000913	0.000913	0.00000517	0.00657	0.0018	0.0785	0.0186	0.00000617	25.5	0.0000213	0.000848
2095 Mar	253	0.0678	0.063	0.00289	84.1	0.074	66.6	0.000913	0.000913	0.00000517	0.00657	0.0018	0.0785	0.0186	0.00000617	25.5	0.0000213	0.000848
2095 Apr	253	0.0679	0.063	0.00289	84.1	0.0741	66.7	0.000913	0.000913	0.00000517	0.00657	0.0018	0.0785	0.0186	0.00000618	25.5	0.0000213	0.000848
2095 May	253	0.0679	0.0629	0.00289	84.1	0.0741	66.7	0.000913	0.000913	0.00000517	0.00658	0.00181	0.0785	0.0186	0.00000618	25.6	0.0000214	0.000849
2095 Jun	253	0.0679	0.0629	0.00288	84.2	0.0741	66.8	0.000914	0.000914	0.00000518	0.00659	0.00181	0.0786	0.0187	0.00000618	25.6	0.0000214	0.000851
2095 Jul	255	0.0682	0.0631	0.0029	84.7	0.0745	67.2	0.000918	0.000918	0.0000052	0.00662	0.00182	0.0791	0.0188	0.00000622	25.8	0.0000215	0.000855
2095 Aug	255	0.0681	0.0631	0.00289	84.8	0.0747	67.3	0.000918	0.000918	0.0000052	0.00663	0.00182	0.0793	0.0188	0.00000622	25.8	0.0000215	0.000857
2095 Sep	256	0.0681	0.063	0.00289	85	0.0748	67.5	0.000918	0.000918	0.00000521	0.00663	0.00183	0.0794	0.0188	0.00000622	25.8	0.0000216	0.000859
2095 Oct	256	0.0681	0.063	0.00289	85	0.0748	67.5	0.000918	0.000918	0.0000052	0.00663	0.00183	0.0795	0.0188	0.00000622	25.9	0.0000216	0.000859

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Nov	256	0.0681	0.0629	0.00289	84.9	0.0748	67.5	0.000917	0.000917	0.0000052	0.00663	0.00183	0.0795	0.0188	0.00000622	25.8	0.0000216	0.000859
2095 Dec	256	0.0681	0.0629	0.00289	84.9	0.0748	67.5	0.000917	0.000917	0.0000052	0.00663	0.00183	0.0795	0.0188	0.00000622	25.8	0.0000216	0.000859
2096 Jan	256	0.0681	0.0629	0.00289	84.9	0.0748	67.5	0.000917	0.000917	0.0000052	0.00663	0.00183	0.0795	0.0188	0.00000622	25.8	0.0000216	0.000859
2096 Feb	256	0.0681	0.0629	0.00289	84.9	0.0748	67.5	0.000917	0.000917	0.0000052	0.00663	0.00183	0.0795	0.0188	0.00000622	25.8	0.0000216	0.000859
2096 Mar	256	0.0681	0.0629	0.00289	84.9	0.0748	67.5	0.000917	0.000917	0.0000052	0.00663	0.00183	0.0795	0.0188	0.00000622	25.8	0.0000216	0.000859
2096 Apr	256	0.0681	0.0629	0.00289	85	0.0748	67.5	0.000917	0.000917	0.0000052	0.00663	0.00183	0.0795	0.0188	0.00000622	25.8	0.0000216	0.000859
2096 May	256	0.0682	0.0629	0.00289	85	0.0749	67.5	0.000918	0.000918	0.00000521	0.00664	0.00183	0.0795	0.0188	0.00000622	25.9	0.0000216	0.00086
2096 Jun	255	0.0675	0.0622	0.00286	84.5	0.0745	67.3	0.000912	0.000912	0.00000517	0.00662	0.00182	0.0792	0.0188	0.00000619	25.8	0.0000215	0.000857
2096 Jul	256	0.0676	0.0623	0.00286	84.9	0.0748	67.6	0.000914	0.000914	0.00000519	0.00664	0.00183	0.0796	0.0188	0.00000621	25.9	0.0000216	0.000861
2096 Aug	257	0.0679	0.0625	0.00288	85.3	0.0751	67.9	0.000918	0.000918	0.00000521	0.00667	0.00184	0.0799	0.0189	0.00000623	26	0.0000217	0.000865
2096 Sep	257	0.0679	0.0624	0.00287	85.3	0.0752	68	0.000917	0.000917	0.00000521	0.00667	0.00184	0.0801	0.0189	0.00000623	26	0.0000217	0.000866
2096 Oct	257	0.0678	0.0622	0.00286	85.2	0.0751	67.9	0.000915	0.000915	0.00000519	0.00666	0.00184	0.08	0.0189	0.00000622	26	0.0000217	0.000865
2096 Nov	257	0.0678	0.0621	0.00286	85.2	0.0751	67.9	0.000915	0.000915	0.00000519	0.00666	0.00184	0.08	0.0189	0.00000622	26	0.0000217	0.000865
2096 Dec	257	0.0678	0.0621	0.00286	85.2	0.0751	67.9	0.000915	0.000915	0.00000519	0.00666	0.00184	0.08	0.0189	0.00000622	26	0.0000217	0.000865
2097 Jan	257	0.0678	0.0621	0.00286	85.2	0.0751	67.9	0.000915	0.000915	0.00000519	0.00666	0.00184	0.08	0.0189	0.00000622	26	0.0000217	0.000865
2097 Feb	257	0.0678	0.0621	0.00286	85.2	0.0751	67.9	0.000915	0.000915	0.00000519	0.00666	0.00184	0.08	0.0189	0.00000622	26	0.0000217	0.000865
2097 Mar	257	0.0678	0.0621	0.00286	85.2	0.0751	67.9	0.000915	0.000915	0.00000519	0.00666	0.00184	0.08	0.0189	0.00000622	26	0.0000217	0.000865
2097 Apr	257	0.0678	0.0622	0.00286	85.2	0.0751	68	0.000915	0.000915	0.0000052	0.00667	0.00184	0.08	0.0189	0.00000622	26	0.0000217	0.000865
2097 May	257	0.0679	0.0622	0.00286	85.3	0.0752	68	0.000916	0.000916	0.0000052	0.00668	0.00184	0.0801	0.0189	0.00000623	26	0.0000217	0.000866
2097 Jun	257	0.0678	0.062	0.00285	85.2	0.0752	68	0.000915	0.000915	0.0000052	0.00668	0.00184	0.0801	0.019	0.00000622	26.1	0.0000218	0.000867
2097 Jul	258	0.068	0.0622	0.00287	85.7	0.0755	68.4	0.000919	0.000919	0.00000522	0.00671	0.00185	0.0805	0.0191	0.00000625	26.2	0.0000219	0.000871
2097 Aug	259	0.0682	0.0624	0.00287	86	0.0758	68.6	0.000922	0.000922	0.00000523	0.00673	0.00186	0.0808	0.0191	0.00000627	26.3	0.0000219	0.000874
2097 Sep	260	0.0683	0.0624	0.00288	86.2	0.076	68.8	0.000923	0.000923	0.00000524	0.00674	0.00186	0.081	0.0192	0.00000628	26.3	0.000022	0.000876
2097 Oct	260	0.0683	0.0623	0.00287	86.2	0.076	68.8	0.000922	0.000922	0.00000524	0.00674	0.00186	0.0811	0.0192	0.00000628	26.3	0.000022	0.000877
2097 Nov	260	0.0682	0.0623	0.00287	86.1	0.076	68.8	0.000922	0.000922	0.00000524	0.00674	0.00186	0.081	0.0192	0.00000627	26.3	0.000022	0.000877
2097 Dec	260	0.0682	0.0623	0.00287	86.2	0.076	68.8	0.000922	0.000922	0.00000524	0.00674	0.00186	0.0811	0.0192	0.00000627	26.3	0.000022	0.000877
2098 Jan	260	0.0682	0.0623	0.00287	86.2	0.076	68.8	0.000922	0.000922	0.00000524	0.00674	0.00186	0.0811	0.0192	0.00000627	26.3	0.000022	0.000877
2098 Feb	260	0.0682	0.0623	0.00287	86.2	0.076	68.8	0.000922	0.000922	0.00000524	0.00674	0.00186	0.0811	0.0192	0.00000627	26.3	0.000022	0.000877
2098 Mar	260	0.0682	0.0623	0.00287	86.2	0.076	68.8	0.000922	0.000922	0.00000524	0.00674	0.00186	0.0811	0.0192	0.00000627	26.3	0.000022	0.000877
2098 Apr	260	0.0683	0.0623	0.00287	86.2	0.076	68.9	0.000922	0.000922	0.00000524	0.00674	0.00187	0.0811	0.0192	0.00000628	26.3	0.000022	0.000877
2098 May	260	0.0683	0.0622	0.00287	86.1	0.076	68.8	0.000922	0.000922	0.00000524	0.00675	0.00187	0.081	0.0192	0.00000628	26.4	0.000022	0.000877
2098 Jun	259	0.0677	0.0615	0.00284	85.7	0.0755	68.6	0.000915	0.000915	0.0000052	0.00671	0.00186	0.0807	0.0192	0.00000623	26.3	0.0000219	0.000875
2098 Jul	260	0.0679	0.0617	0.00285	86.1	0.0759	68.9	0.000919	0.000919	0.00000522	0.00675	0.00187	0.0812	0.0193	0.00000626	26.5	0.000022	0.000879
2098 Aug	261	0.068	0.0618	0.00285	86.4	0.0762	69.2	0.00092	0.00092	0.00000523	0.00676	0.00188	0.0814	0.0193	0.00000627	26.5	0.0000221	0.000882
2098 Sep	261	0.0678	0.0615	0.00284	86.3	0.0761	69.2	0.000918	0.000918	0.00000522	0.00675	0.00188	0.0814	0.0193	0.00000626	26.5	0.0000221	0.000882
2098 Oct	260	0.0677	0.0612	0.00283	86.1	0.076	69.1	0.000915	0.000915	0.0000052	0.00674	0.00187	0.0813	0.0193	0.00000625	26.4	0.000022	0.000881
2098 Nov	260	0.0677	0.0612	0.00282	86.1	0.076	69.1	0.000914	0.000914	0.0000052	0.00674	0.00187	0.0813	0.0192	0.00000624	26.4	0.000022	0.00088
2098 Dec	260	0.0677	0.0612	0.00282	86.1	0.076	69.1	0.000914	0.000914	0.0000052	0.00674	0.00187	0.0813	0.0192	0.00000624	26.4	0.000022	0.00088
2099 Jan	260	0.0677	0.0612	0.00282	86.1	0.076	69.1	0.000914	0.000914	0.0000052	0.00674	0.00187	0.0813	0.0192	0.00000624	26.4	0.000022	0.00088
2099 Feb	260	0.0677	0.0612	0.00282	86.1	0.076	69.1	0.000914	0.000914	0.0000052	0.00674	0.00187	0.0813	0.0192	0.00000624	26.4	0.000022	0.00088
2099 Mar	260	0.0677	0.0612	0.00283	86.1	0.076	69.1	0.000914	0.000914	0.0000052	0.00674	0.00187	0.0813	0.0192	0.00000624	26.4	0.000022	0.00088
2099 Apr	260	0.0677	0.0612	0.00283	86.2	0.0761	69.1	0.000915	0.000915	0.00000521	0.00675	0.00187	0.0814	0.0193	0.00000625	26.5	0.000022	0.000881
2099 May	260	0.0677	0.0609	0.00281	86	0.0759	69	0.000913	0.000913	0.0000052	0.00674	0.00188	0.0812	0.0194	0.00000624	26.5	0.000022	0.00088
2099 Jun	260	0.0675	0.0607	0.0028	86	0.0758	69	0.000911	0.000911	0.00000518	0.00673	0.00188	0.0812	0.0194	0.00000623	26.5	0.000022	0.000881
2099 Jul	261	0.0677	0.0609	0.00281	86.4	0.0762	69.4	0.000915	0.000915	0.00000521	0.00677	0.00189	0.0817	0.0195	0.00000625	26.6	0.0000221	0.000885
2099 Aug	263	0.0679	0.0611	0.00282	86.8	0.0766	69.7	0.000918	0.000918	0.00000523	0.00679	0.00189	0.0821	0.0195	0.00000628	26.8	0.0000222	0.00089
2099 Sep	263	0.0679	0.061	0.00282	86.8	0.0766	69.8	0.000917	0.000917	0.00000522	0.00679	0.0019	0.0822	0.0195	0.00000627	26.8	0.0000222	0.00089
2099 Oct	263	0.0678	0.0608	0.00281	86.7	0.0766	69.8	0.000915	0.000915	0.00000521	0.00679	0.00189	0.0821	0.0195	0.00000626	26.7	0.0000222	0.00089
2099 Nov	262	0.0677	0.0607	0.00281	86.7	0.0765	69.7	0.000914	0.000914	0.00000521	0.00678	0.00189	0.0821	0.0195	0.00000626	26.7	0.0000222	0.000889
2099 Dec	262	0.0677	0.0607	0.00281	86.7	0.0765	69.7	0.000914	0.000914	0.00000521	0.00678	0.00189	0.0821	0.0195	0.00000626	26.7	0.0000222	0.000889
2100 Jan	262	0.0677	0.0607	0.00281	86.7	0.0765	69.7	0.000914	0.000914	0.00000521	0.00678	0.00189	0.0821	0.0195	0.00000626	26.7	0.0000222	0.000889
2100 Feb	262	0.0677	0.0607	0.00281	86.7	0.0765	69.7	0.000914	0.000914	0.00000521	0.00678	0.00189	0.0821	0.0195	0.00000626	26.7	0.0000222	0.000889
2100 Mar	262	0.0677	0.0607	0.00281	86.7	0.0765	69.7	0.000914	0.000914	0.00000521	0.00678	0.00189	0.0821	0.0195	0.00000626	26.7	0.0000222	0.000889
2100 Apr	263	0.0678	0.0607	0.00281	86.7	0.0766	69.8	0.000914	0.000914	0.00000521	0.00679	0.00189	0.0821	0.0195	0.00000626	26.7	0.0000222	0.00089
2100 May	263	0.0678	0.0607	0.00281	86.7	0.0765	69.8	0.000915	0.000915	0.00000521	0.00679	0.0019	0.0821	0.0195	0.00000626	26.8	0.0000222	0.00089
2100 Jun	262	0.0673	0.0601	0.00278	86.3	0.0762	69.5	0.000909	0.000909	0.00000518	0.00677	0.00189	0.0818	0.0195	0.00000623	26.7	0.0000222	0.000888
2100 Jul	262	0.0673	0.0601	0.00278	86.5	0.0764	69.8	0.00091	0.00091	0.00000519	0.00678	0.0019	0.0821	0.0196	0.00000624	26.8	0.0000222	0.000891
2100 Aug	263	0.0673	0.06	0.00278	86.7	0.0765	69.9	0.00091	0.00091	0.00000519	0.00678	0.0019	0.0823	0.0196	0.00000624	26.8	0.0000222	0.000893
2100 Sep	263	0.0672	0.0599	0.00278	86.8	0.0766	70	0.00091	0.00091	0.00000519	0.00679	0.0019	0.0824	0.0196	0.00000624	26.8	0.0000222	0.000894
2100 Oct	263	0.0672	0.0599	0.00278	86.8	0.0767	70.1	0.00091	0.00091	0.00000519	0.00679	0.0019	0.0825	0.0196	0.00000625	26.9	0.0000223	0.000894
2100 Nov	263	0.0673	0.0599	0.00278	86.8	0.0767	70.1	0.00091	0.00091	0.00000519	0.00679	0.0019	0.0825	0.0196	0.00000625	26.9	0.0000223	0.000895
2100 Dec	263	0.0673	0.0599	0.00278	86.8	0.0767	70.1	0.00091	0.00091	0.00000519	0.00679	0.0019	0.0825	0.0196	0.00000625	26.9	0.0000223	0.000895
2101 Jan	263	0.0673	0.0599	0.00278	86.8	0.0767	70.1	0.00091	0.00091	0.00000519	0.00679	0.0019	0.0825	0.0196	0.00000625	26.9	0.0000223	0.000895
2101 Feb	263	0.0673	0.0599	0.00278	86.8	0.0767	70.1	0.00091	0.00091	0.00000519	0.00679	0.0019	0.0825	0.0196	0.00000625	26.9	0.0000223	0.000895
2101 Mar	263	0.0673	0.0599	0.00278	86.9	0.0767	70.1	0.00091	0.00091	0.00000519	0.00679	0.0019	0.0825	0.0196	0.00000625	26.9	0.0000223	0.000895
2101 Apr	263	0.0673	0.06	0.00278	86.9	0.0767	70.1	0.00091	0.00091	0.00000519	0.0068	0.0019	0.0825	0.0196	0.00000625	26.9	0.0000223	0.000895
2101 May	263	0.0673	0.0599	0.00277	86.8	0.0767	70.1	0.00091	0.00091	0.00000519	0.0068	0.00191	0.0825	0.0196	0.00000625	26.9	0.0000223	0.000895

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2101 Jun	263	0.067	0.0595	0.00276	86.7	0.0765	70	0.000907	0.000907	0.00000518	0.00679	0.00191	0.0824	0.0196	0.00000623	26.9	0.0000223	0.000894
2101 Jul	264	0.0673	0.0598	0.00277	87.1	0.0769	70.4	0.000911	0.000911	0.0000052	0.00682	0.00191	0.0828	0.0197	0.00000626	27	0.0000224	0.000899
2101 Aug	266	0.0675	0.06	0.00278	87.5	0.0773	70.7	0.000915	0.000915	0.00000522	0.00685	0.00192	0.0832	0.0198	0.00000629	27.1	0.0000225	0.000903
2101 Sep	266	0.0675	0.0599	0.00278	87.5	0.0773	70.8	0.000914	0.000914	0.00000522	0.00685	0.00192	0.0833	0.0198	0.00000628	27.2	0.0000225	0.000904
2101 Oct	266	0.0675	0.0598	0.00277	87.6	0.0773	70.8	0.000913	0.000913	0.00000521	0.00685	0.00192	0.0834	0.0198	0.00000628	27.2	0.0000225	0.000904
2101 Nov	266	0.0674	0.0597	0.00277	87.5	0.0773	70.8	0.000912	0.000912	0.00000521	0.00684	0.00192	0.0833	0.0198	0.00000628	27.1	0.0000225	0.000904
2101 Dec	266	0.0674	0.0597	0.00277	87.5	0.0773	70.8	0.000912	0.000912	0.00000521	0.00684	0.00192	0.0833	0.0198	0.00000628	27.1	0.0000225	0.000904
2102 Jan	266	0.0674	0.0597	0.00277	87.5	0.0773	70.8	0.000912	0.000912	0.00000521	0.00684	0.00192	0.0833	0.0198	0.00000628	27.1	0.0000225	0.000904
2102 Feb	266	0.0674	0.0597	0.00277	87.5	0.0773	70.8	0.000912	0.000912	0.00000521	0.00684	0.00192	0.0833	0.0198	0.00000628	27.1	0.0000225	0.000904
2102 Mar	266	0.0674	0.0597	0.00277	87.5	0.0773	70.8	0.000912	0.000912	0.00000521	0.00684	0.00192	0.0833	0.0198	0.00000628	27.1	0.0000225	0.000904
2102 Apr	266	0.0674	0.0597	0.00277	87.5	0.0773	70.8	0.000912	0.000912	0.00000521	0.00685	0.00192	0.0833	0.0198	0.00000628	27.1	0.0000225	0.000904
2102 May	266	0.0675	0.0598	0.00277	87.6	0.0774	70.9	0.000913	0.000913	0.00000521	0.00685	0.00193	0.0834	0.0198	0.00000628	27.2	0.0000225	0.000905
2102 Jun	265	0.0669	0.0593	0.00275	87.2	0.0771	70.6	0.00091	0.00091	0.00000519	0.00684	0.00192	0.0831	0.0197	0.00000626	27.1	0.0000225	0.000902
2102 Jul	265	0.0668	0.0591	0.00275	87.3	0.0772	70.7	0.00091	0.00091	0.00000519	0.00685	0.00192	0.0833	0.0197	0.00000626	27.1	0.0000225	0.000903
2102 Aug	266	0.0669	0.0592	0.00275	87.6	0.0774	71	0.000912	0.000912	0.00000521	0.00687	0.00193	0.0836	0.0198	0.00000628	27.2	0.0000226	0.000907
2102 Sep	267	0.0669	0.0592	0.00275	87.7	0.0775	71.2	0.000912	0.000912	0.00000521	0.00688	0.00193	0.0837	0.0198	0.00000628	27.2	0.0000226	0.000908
2102 Oct	266	0.0668	0.059	0.00274	87.6	0.0775	71.1	0.00091	0.00091	0.0000052	0.00687	0.00193	0.0837	0.0197	0.00000627	27.1	0.0000226	0.000907
2102 Nov	266	0.0668	0.059	0.00275	87.6	0.0775	71.1	0.00091	0.00091	0.0000052	0.00687	0.00193	0.0837	0.0197	0.00000627	27.1	0.0000226	0.000907
2102 Dec	266	0.0668	0.059	0.00275	87.6	0.0775	71.1	0.00091	0.00091	0.0000052	0.00687	0.00193	0.0837	0.0197	0.00000627	27.1	0.0000226	0.000907
2103 Jan	266	0.0668	0.059	0.00275	87.6	0.0775	71.1	0.00091	0.00091	0.0000052	0.00687	0.00193	0.0837	0.0197	0.00000627	27.1	0.0000226	0.000907
2103 Feb	266	0.0668	0.059	0.00275	87.6	0.0775	71.1	0.00091	0.00091	0.0000052	0.00687	0.00193	0.0837	0.0197	0.00000627	27.2	0.0000226	0.000907
2103 Mar	266	0.0668	0.059	0.00275	87.6	0.0775	71.1	0.00091	0.00091	0.0000052	0.00687	0.00193	0.0837	0.0197	0.00000627	27.2	0.0000226	0.000907
2103 Apr	266	0.0669	0.059	0.00275	87.6	0.0775	71.1	0.00091	0.00091	0.0000052	0.00687	0.00193	0.0837	0.0197	0.00000628	27.2	0.0000226	0.000908
2103 May	266	0.0669	0.059	0.00275	87.6	0.0775	71.1	0.000911	0.000911	0.0000052	0.00688	0.00193	0.0837	0.0198	0.00000628	27.2	0.0000226	0.000908
2103 Jun	265	0.0665	0.0584	0.00272	87.2	0.0772	70.9	0.000906	0.000906	0.00000518	0.00685	0.00193	0.0834	0.0198	0.00000625	27.2	0.0000225	0.000906
2103 Jul	266	0.0665	0.0585	0.00272	87.5	0.0774	71.1	0.000907	0.000907	0.00000519	0.00687	0.00193	0.0837	0.0198	0.00000626	27.2	0.0000226	0.000909
2103 Aug	267	0.0664	0.0584	0.00272	87.6	0.0776	71.3	0.000907	0.000907	0.00000519	0.00688	0.00194	0.0839	0.0198	0.00000627	27.3	0.0000226	0.00091
2103 Sep	267	0.0663	0.0582	0.00272	87.6	0.0776	71.4	0.000906	0.000906	0.00000518	0.00688	0.00194	0.084	0.0198	0.00000626	27.2	0.0000226	0.000911
2103 Oct	266	0.0662	0.0579	0.0027	87.4	0.0774	71.2	0.000903	0.000903	0.00000517	0.00686	0.00193	0.0838	0.0198	0.00000624	27.2	0.0000226	0.000909
2103 Nov	266	0.0662	0.0579	0.0027	87.4	0.0774	71.2	0.000902	0.000902	0.00000516	0.00686	0.00193	0.0838	0.0198	0.00000624	27.2	0.0000226	0.000909
2103 Dec	266	0.0662	0.0579	0.0027	87.4	0.0774	71.2	0.000902	0.000902	0.00000516	0.00686	0.00193	0.0838	0.0198	0.00000624	27.2	0.0000226	0.000909
2104 Jan	266	0.0662	0.0579	0.0027	87.4	0.0774	71.2	0.000902	0.000902	0.00000516	0.00686	0.00193	0.0838	0.0198	0.00000624	27.2	0.0000226	0.000909
2104 Feb	266	0.0662	0.0579	0.0027	87.4	0.0774	71.2	0.000902	0.000902	0.00000516	0.00686	0.00193	0.0838	0.0198	0.00000624	27.2	0.0000226	0.000909
2104 Mar	266	0.0662	0.0579	0.0027	87.4	0.0774	71.2	0.000903	0.000903	0.00000516	0.00686	0.00193	0.0838	0.0198	0.00000624	27.2	0.0000226	0.000909
2104 Apr	266	0.0662	0.0579	0.0027	87.4	0.0775	71.2	0.000903	0.000903	0.00000517	0.00687	0.00193	0.0839	0.0198	0.00000624	27.2	0.0000226	0.000909
2104 May	266	0.0663	0.0578	0.0027	87.4	0.0774	71.2	0.000904	0.000904	0.00000517	0.00687	0.00194	0.0838	0.0198	0.00000624	27.2	0.0000226	0.00091
2104 Jun	266	0.0658	0.0574	0.00268	87.1	0.0771	71	0.000899	0.000899	0.00000514	0.00685	0.00193	0.0836	0.0198	0.00000622	27.2	0.0000225	0.000908
2104 Jul	267	0.0659	0.0575	0.00268	87.4	0.0774	71.3	0.000901	0.000901	0.00000516	0.00687	0.00194	0.084	0.0199	0.00000623	27.3	0.0000226	0.000911
2104 Aug	267	0.066	0.0575	0.00269	87.7	0.0777	71.6	0.000902	0.000902	0.00000517	0.00689	0.00195	0.0843	0.0199	0.00000625	27.4	0.0000227	0.000914
2104 Sep	267	0.066	0.0574	0.00268	87.7	0.0777	71.7	0.000901	0.000901	0.00000516	0.00689	0.00195	0.0843	0.0199	0.00000624	27.4	0.0000227	0.000915
2104 Oct	267	0.0659	0.0572	0.00268	87.6	0.0777	71.6	0.000899	0.000899	0.00000515	0.00688	0.00194	0.0843	0.0199	0.00000623	27.3	0.0000226	0.000914
2104 Nov	267	0.0659	0.0572	0.00267	87.6	0.0776	71.6	0.000899	0.000899	0.00000515	0.00688	0.00194	0.0842	0.0199	0.00000623	27.3	0.0000226	0.000914
2104 Dec	267	0.0659	0.0572	0.00267	87.6	0.0776	71.6	0.000899	0.000899	0.00000515	0.00688	0.00194	0.0842	0.0199	0.00000623	27.3	0.0000226	0.000914
2105 Jan	267	0.0659	0.0572	0.00267	87.6	0.0776	71.6	0.000899	0.000899	0.00000515	0.00688	0.00194	0.0842	0.0199	0.00000623	27.3	0.0000226	0.000914
2105 Feb	267	0.0659	0.0572	0.00267	87.6	0.0776	71.6	0.000899	0.000899	0.00000515	0.00688	0.00194	0.0842	0.0199	0.00000623	27.3	0.0000226	0.000914
2105 Mar	267	0.0659	0.0572	0.00267	87.6	0.0776	71.6	0.000899	0.000899	0.00000515	0.00688	0.00194	0.0842	0.0199	0.00000623	27.3	0.0000226	0.000914
2105 Apr	267	0.0659	0.0572	0.00267	87.6	0.0777	71.6	0.000899	0.000899	0.00000515	0.00688	0.00195	0.0843	0.0199	0.00000623	27.3	0.0000227	0.000914
2105 May	267	0.0659	0.0571	0.00267	87.6	0.0776	71.6	0.0009	0.0009	0.00000515	0.00688	0.00195	0.0843	0.0199	0.00000623	27.4	0.0000227	0.000915
2105 Jun	267	0.0658	0.057	0.00267	87.6	0.0776	71.6	0.000899	0.000899	0.00000515	0.00689	0.00195	0.0843	0.02	0.00000623	27.4	0.0000227	0.000915
2105 Jul	268	0.066	0.0571	0.00267	87.9	0.0779	71.9	0.000902	0.000902	0.00000517	0.00691	0.00196	0.0846	0.02	0.00000625	27.5	0.0000228	0.000919
2105 Aug	269	0.0658	0.0569	0.00267	88	0.078	72.1	0.0009	0.0009	0.00000516	0.00691	0.00196	0.0848	0.02	0.00000625	27.5	0.0000228	0.00092
2105 Sep	268	0.0656	0.0567	0.00265	87.9	0.078	72	0.000897	0.000897	0.00000515	0.0069	0.00196	0.0847	0.02	0.00000623	27.5	0.0000227	0.00092
2105 Oct	268	0.0655	0.0565	0.00265	87.8	0.0779	71.9	0.000895	0.000895	0.00000513	0.00689	0.00195	0.0847	0.0199	0.00000622	27.4	0.0000227	0.000919
2105 Nov	268	0.0655	0.0564	0.00264	87.7	0.0778	71.9	0.000894	0.000894	0.00000513	0.00689	0.00195	0.0846	0.0199	0.00000622	27.4	0.0000227	0.000918
2105 Dec	268	0.0655	0.0564	0.00264	87.7	0.0778	71.9	0.000895	0.000895	0.00000513	0.00689	0.00195	0.0846	0.0199	0.00000622	27.4	0.0000227	0.000918
2106 Jan	268	0.0655	0.0564	0.00264	87.7	0.0778	71.9	0.000895	0.000895	0.00000513	0.00689	0.00195	0.0846	0.0199	0.00000622	27.4	0.0000227	0.000918

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Feb	268	0.0655	0.0564	0.00264	87.7	0.0778	71.9	0.000895	0.000895	0.00000513	0.00689	0.00195	0.0846	0.0199	0.00000622	27.4	0.0000227	0.000918
2106 Mar	268	0.0655	0.0564	0.00264	87.7	0.0779	71.9	0.000895	0.000895	0.00000513	0.00689	0.00195	0.0846	0.0199	0.00000622	27.4	0.0000227	0.000918
2106 Apr	268	0.0655	0.0564	0.00264	87.8	0.0779	71.9	0.000895	0.000895	0.00000513	0.00689	0.00195	0.0847	0.0199	0.00000622	27.4	0.0000227	0.000918
2106 May	268	0.0656	0.0564	0.00265	87.8	0.0779	72	0.000896	0.000896	0.00000514	0.0069	0.00196	0.0847	0.02	0.00000623	27.5	0.0000227	0.000919
2106 Jun	267	0.0652	0.056	0.00263	87.5	0.0776	71.8	0.000892	0.000892	0.00000512	0.00688	0.00195	0.0844	0.0199	0.0000062	27.4	0.0000227	0.000917
2106 Jul	268	0.0653	0.056	0.00263	87.8	0.0779	72.1	0.000894	0.000894	0.00000513	0.0069	0.00196	0.0848	0.02	0.00000622	27.5	0.0000228	0.000921
2106 Aug	269	0.0652	0.056	0.00263	88	0.0781	72.3	0.000894	0.000894	0.00000513	0.00691	0.00196	0.0851	0.02	0.00000623	27.5	0.0000228	0.000923
2106 Sep	269	0.0651	0.0558	0.00262	87.9	0.0781	72.3	0.000893	0.000893	0.00000512	0.00691	0.00196	0.0851	0.02	0.00000622	27.5	0.0000228	0.000923
2106 Oct	269	0.0651	0.0557	0.00262	87.9	0.0781	72.3	0.000892	0.000892	0.00000512	0.00691	0.00196	0.0851	0.02	0.00000621	27.5	0.0000228	0.000923
2106 Nov	269	0.0651	0.0557	0.00262	87.9	0.0781	72.3	0.000892	0.000892	0.00000512	0.00691	0.00196	0.0851	0.02	0.00000622	27.5	0.0000228	0.000923
2106 Dec	269	0.0651	0.0557	0.00262	87.9	0.0781	72.3	0.000892	0.000892	0.00000512	0.00691	0.00196	0.0851	0.02	0.00000622	27.5	0.0000228	0.000923
2107 Jan	269	0.0651	0.0557	0.00262	87.9	0.0781	72.3	0.000892	0.000892	0.00000512	0.00691	0.00196	0.0851	0.02	0.00000622	27.5	0.0000228	0.000923
2107 Feb	269	0.0651	0.0557	0.00262	87.9	0.0781	72.3	0.000892	0.000892	0.00000512	0.00691	0.00196	0.0851	0.02	0.00000622	27.5	0.0000228	0.000923
2107 Mar	269	0.0651	0.0557	0.00262	88	0.0781	72.3	0.000892	0.000892	0.00000512	0.00691	0.00196	0.0851	0.02	0.00000622	27.5	0.0000228	0.000923
2107 Apr	269	0.0651	0.0557	0.00262	88	0.0781	72.3	0.000892	0.000892	0.00000512	0.00691	0.00196	0.0851	0.02	0.00000622	27.5	0.0000228	0.000923
2107 May	269	0.0651	0.0557	0.00262	88	0.0781	72.3	0.000892	0.000892	0.00000512	0.00691	0.00197	0.0851	0.02	0.00000622	27.6	0.0000228	0.000924
2107 Jun	269	0.065	0.0555	0.00261	87.9	0.078	72.3	0.000891	0.000891	0.00000512	0.00691	0.00197	0.0851	0.0201	0.00000621	27.6	0.0000228	0.000924
2107 Jul	270	0.0651	0.0555	0.00261	88.1	0.0783	72.5	0.000893	0.000893	0.00000513	0.00692	0.00197	0.0854	0.0201	0.00000622	27.7	0.0000229	0.000927
2107 Aug	271	0.0652	0.0557	0.00262	88.5	0.0786	72.8	0.000895	0.000895	0.00000514	0.00695	0.00198	0.0857	0.0202	0.00000624	27.8	0.0000229	0.00093
2107 Sep	271	0.0653	0.0556	0.00262	88.6	0.0787	73	0.000895	0.000895	0.00000515	0.00696	0.00198	0.0859	0.0202	0.00000625	27.8	0.000023	0.000932
2107 Oct	271	0.0652	0.0555	0.00261	88.5	0.0787	72.9	0.000895	0.000895	0.00000514	0.00695	0.00198	0.0858	0.0202	0.00000624	27.8	0.0000229	0.000932
2107 Nov	271	0.0652	0.0555	0.00261	88.5	0.0787	72.9	0.000894	0.000894	0.00000514	0.00695	0.00198	0.0858	0.0202	0.00000624	27.8	0.0000229	0.000931
2107 Dec	271	0.0652	0.0555	0.00261	88.5	0.0787	72.9	0.000894	0.000894	0.00000514	0.00695	0.00198	0.0858	0.0202	0.00000624	27.8	0.0000229	0.000931
2108 Jan	271	0.0652	0.0555	0.00261	88.5	0.0787	72.9	0.000894	0.000894	0.00000514	0.00695	0.00198	0.0858	0.0202	0.00000624	27.8	0.0000229	0.000931
2108 Feb	271	0.0652	0.0555	0.00261	88.5	0.0787	72.9	0.000894	0.000894	0.00000514	0.00695	0.00198	0.0858	0.0202	0.00000624	27.8	0.0000229	0.000931
2108 Mar	271	0.0652	0.0555	0.00261	88.5	0.0787	73	0.000895	0.000895	0.00000514	0.00695	0.00198	0.0858	0.0202	0.00000624	27.8	0.0000229	0.000932
2108 Apr	271	0.0653	0.0556	0.00262	88.6	0.0787	73	0.000895	0.000895	0.00000514	0.00696	0.00198	0.0859	0.0202	0.00000625	27.8	0.000023	0.000932
2108 May	272	0.0654	0.0556	0.00262	88.8	0.0789	73.1	0.000897	0.000897	0.00000515	0.00697	0.00199	0.0861	0.0202	0.00000626	27.8	0.000023	0.000934
2108 Jun	271	0.0651	0.0554	0.00261	88.6	0.0787	73	0.000895	0.000895	0.00000515	0.00697	0.00199	0.0859	0.0202	0.00000625	27.8	0.000023	0.000933
2108 Jul	272	0.0654	0.0556	0.00262	89	0.0791	73.4	0.000899	0.000899	0.00000517	0.007	0.00199	0.0864	0.0203	0.00000628	27.9	0.0000231	0.000937
2108 Aug	274	0.0656	0.0558	0.00263	89.4	0.0795	73.8	0.000903	0.000903	0.00000519	0.00703	0.002	0.0868	0.0204	0.0000063	28.1	0.0000232	0.000942
2108 Sep	274	0.0657	0.0558	0.00263	89.6	0.0796	73.9	0.000903	0.000903	0.00000519	0.00704	0.00201	0.087	0.0204	0.00000631	28.1	0.0000233	0.000944
2108 Oct	274	0.0655	0.0555	0.00262	89.3	0.0795	73.8	0.0009	0.0009	0.00000517	0.00702	0.002	0.0868	0.0203	0.00000629	28	0.0000232	0.000942
2108 Nov	274	0.0655	0.0555	0.00262	89.3	0.0794	73.7	0.0009	0.0009	0.00000517	0.00702	0.002	0.0868	0.0203	0.00000629	28	0.0000232	0.000942
2108 Dec	274	0.0655	0.0555	0.00262	89.3	0.0795	73.7	0.0009	0.0009	0.00000517	0.00702	0.002	0.0868	0.0203	0.00000629	28	0.0000232	0.000942
2109 Jan	274	0.0655	0.0555	0.00262	89.3	0.0795	73.7	0.0009	0.0009	0.00000517	0.00702	0.002	0.0868	0.0203	0.00000629	28	0.0000232	0.000942
2109 Feb	274	0.0655	0.0555	0.00262	89.3	0.0795	73.7	0.0009	0.0009	0.00000517	0.00702	0.002	0.0868	0.0203	0.00000629	28	0.0000232	0.000942
2109 Mar	274	0.0655	0.0555	0.00262	89.3	0.0795	73.8	0.0009	0.0009	0.00000517	0.00703	0.002	0.0868	0.0203	0.00000629	28	0.0000232	0.000942
2109 Apr	274	0.0655	0.0555	0.00262	89.4	0.0795	73.8	0.0009	0.0009	0.00000518	0.00703	0.002	0.0869	0.0203	0.00000629	28	0.0000232	0.000942
2109 May	274	0.0656	0.0555	0.00262	89.4	0.0795	73.8	0.0009	0.0009	0.00000518	0.00703	0.00201	0.0869	0.0204	0.00000629	28.1	0.0000232	0.000943
2109 Jun	274	0.0655	0.0553	0.00261	89.4	0.0795	73.8	0.0009	0.0009	0.00000518	0.00704	0.00201	0.0869	0.0205	0.00000629	28.1	0.0000233	0.000944
2109 Jul	275	0.0656	0.0554	0.00262	89.7	0.0798	74.1	0.000902	0.000902	0.00000519	0.00706	0.00202	0.0872	0.0205	0.00000631	28.2	0.0000233	0.000947
2109 Aug	276	0.0658	0.0555	0.00262	90	0.0801	74.4	0.000905	0.000905	0.00000521	0.00708	0.00202	0.0876	0.0206	0.00000633	28.3	0.0000234	0.000951
2109 Sep	276	0.0657	0.0554	0.00262	90.1	0.0801	74.5	0.000904	0.000904	0.0000052	0.00708	0.00202	0.0877	0.0206	0.00000633	28.3	0.0000234	0.000951
2109 Oct	276	0.0656	0.0551	0.00261	89.9	0.08	74.4	0.000901	0.000901	0.00000518	0.00707	0.00202	0.0875	0.0205	0.00000631	28.3	0.0000233	0.000949
2109 Nov	276	0.0656	0.0551	0.00261	89.9	0.08	74.4	0.000901	0.000901	0.00000519	0.00707	0.00202	0.0875	0.0205	0.00000631	28.3	0.0000234	0.000949
2109 Dec	276	0.0656	0.0551	0.00261	89.9	0.08	74.4	0.000901	0.000901	0.00000519	0.00707	0.00202	0.0875	0.0205	0.00000631	28.3	0.0000234	0.00095
2110 Jan	276	0.0656	0.0551	0.00261	89.9	0.08	74.4	0.000901	0.000901	0.00000519	0.00707	0.00202	0.0875	0.0205	0.00000631	28.3	0.0000234	0.00095
2110 Feb	276	0.0656	0.0551	0.00261	89.9	0.08	74.4	0.000901	0.000901	0.00000519	0.00707	0.00202	0.0875	0.0205	0.00000631	28.3	0.0000234	0.00095
2110 Mar	276	0.0656	0.0551	0.00261	89.9	0.08	74.4	0.000901	0.000901	0.00000519	0.00707	0.00202	0.0875	0.0205	0.00000631	28.3	0.0000234	0.00095
2110 Apr	276	0.0656	0.0552	0.00261	89.9	0.08	74.4	0.000901	0.000901	0.00000519	0.00707	0.00202	0.0875	0.0205	0.00000631	28.3	0.0000234	0.00095
2110 May	276	0.0657	0.0552	0.00261	90	0.0801	74.4	0.000902	0.000902	0.00000519	0.00708	0.00202	0.0876	0.0205	0.00000632	28.3	0.0000234	0.000951
2110 Jun	275	0.0653	0.0547	0.00259	89.6	0.0797	74.2	0.000898	0.000898	0.00000517	0.00706	0.00202	0.0873	0.0205	0.00000629	28.3	0.0000233	0.000948
2110 Jul	276	0.0654	0.0548	0.00259	89.9	0.08	74.5	0.0009	0.0009	0.00000518	0.00708	0.00203	0.0876	0.0206	0.00000631	28.3	0.0000234	0.000952
2110 Aug	276	0.065	0.0545	0.00258	89.8	0.08	74.5	0.000897	0.000897	0.00000517	0.00706	0.00202	0.0876	0.0205	0.00000629	28.3	0.0000234	0.000951
2110 Sep	275	0.0648	0.0541	0.00256	89.6	0.0798	74.3	0.000893	0.000893	0.00000515	0.00705	0.00202	0.0875	0.0204	0.00000627	28.2	0.0000233	0.000949

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2110 Oct	274	0.0647	0.0538	0.00255	89.3	0.0796	74.1	0.00089	0.00089	0.00000513	0.00703	0.00201	0.0873	0.0204	0.00000625	28.1	0.0000232	0.000947
2110 Nov	274	0.0646	0.0537	0.00255	89.2	0.0796	74.1	0.000889	0.000889	0.00000512	0.00703	0.00201	0.0872	0.0204	0.00000624	28.1	0.0000232	0.000946
2110 Dec	274	0.0646	0.0537	0.00255	89.2	0.0796	74.1	0.000889	0.000889	0.00000512	0.00703	0.00201	0.0872	0.0204	0.00000624	28.1	0.0000232	0.000946
2111 Jan	274	0.0646	0.0537	0.00255	89.2	0.0796	74.1	0.000889	0.000889	0.00000512	0.00703	0.00201	0.0872	0.0204	0.00000624	28.1	0.0000232	0.000946
2111 Feb	274	0.0646	0.0537	0.00255	89.2	0.0796	74.1	0.000889	0.000889	0.00000512	0.00703	0.00201	0.0872	0.0204	0.00000624	28.1	0.0000232	0.000946
2111 Mar	274	0.0646	0.0537	0.00255	89.2	0.0796	74.1	0.000889	0.000889	0.00000512	0.00703	0.00201	0.0872	0.0204	0.00000625	28.1	0.0000232	0.000946
2111 Apr	274	0.0647	0.0538	0.00255	89.3	0.0796	74.2	0.000889	0.000889	0.00000513	0.00703	0.00201	0.0873	0.0204	0.00000625	28.1	0.0000232	0.000947
2111 May	274	0.0647	0.0538	0.00255	89.3	0.0797	74.2	0.00089	0.00089	0.00000513	0.00704	0.00202	0.0873	0.0204	0.00000625	28.2	0.0000233	0.000948
2111 Jun	274	0.0645	0.0535	0.00254	89.1	0.0795	74	0.000888	0.000888	0.00000512	0.00703	0.00202	0.0871	0.0205	0.00000624	28.2	0.0000232	0.000946
2111 Jul	275	0.0648	0.0537	0.00255	89.5	0.0798	74.4	0.000892	0.000892	0.00000514	0.00706	0.00202	0.0875	0.0206	0.00000627	28.3	0.0000233	0.000951
2111 Aug	275	0.0646	0.0535	0.00254	89.6	0.0799	74.5	0.000891	0.000891	0.00000514	0.00706	0.00203	0.0877	0.0205	0.00000626	28.3	0.0000233	0.000952
2111 Sep	276	0.0646	0.0534	0.00254	89.6	0.08	74.6	0.00089	0.00089	0.00000513	0.00706	0.00203	0.0877	0.0205	0.00000626	28.3	0.0000233	0.000952
2111 Oct	275	0.0645	0.0532	0.00253	89.5	0.0799	74.5	0.000888	0.000888	0.00000512	0.00705	0.00202	0.0876	0.0205	0.00000625	28.3	0.0000233	0.000951
2111 Nov	275	0.0644	0.0531	0.00252	89.3	0.0798	74.4	0.000886	0.000886	0.00000511	0.00704	0.00202	0.0875	0.0205	0.00000624	28.2	0.0000233	0.00095
2111 Dec	275	0.0644	0.0531	0.00252	89.3	0.0798	74.4	0.000886	0.000886	0.00000511	0.00704	0.00202	0.0875	0.0205	0.00000624	28.2	0.0000233	0.00095
2112 Jan	275	0.0644	0.0531	0.00252	89.3	0.0798	74.4	0.000886	0.000886	0.00000511	0.00704	0.00202	0.0875	0.0205	0.00000624	28.2	0.0000233	0.00095
2112 Feb	275	0.0644	0.0531	0.00252	89.3	0.0798	74.4	0.000886	0.000886	0.00000511	0.00704	0.00202	0.0875	0.0205	0.00000624	28.2	0.0000233	0.00095
2112 Mar	275	0.0644	0.0531	0.00252	89.4	0.0798	74.4	0.000887	0.000887	0.00000511	0.00704	0.00202	0.0876	0.0205	0.00000624	28.2	0.0000233	0.00095
2112 Apr	275	0.0644	0.0531	0.00253	89.4	0.0798	74.4	0.000887	0.000887	0.00000512	0.00705	0.00202	0.0876	0.0205	0.00000624	28.2	0.0000233	0.000951
2112 May	275	0.0645	0.0531	0.00252	89.4	0.0798	74.4	0.000888	0.000888	0.00000512	0.00705	0.00202	0.0876	0.0205	0.00000625	28.3	0.0000233	0.000951
2112 Jun	273	0.0639	0.0524	0.0025	88.9	0.0793	74	0.000881	0.000881	0.00000508	0.00701	0.00202	0.0871	0.0205	0.0000062	28.2	0.0000232	0.000947
2112 Jul	274	0.0639	0.0524	0.0025	89.1	0.0795	74.3	0.000882	0.000882	0.00000509	0.00703	0.00202	0.0874	0.0205	0.00000621	28.2	0.0000233	0.000949
2112 Aug	275	0.064	0.0526	0.0025	89.4	0.0798	74.6	0.000884	0.000884	0.0000051	0.00705	0.00203	0.0877	0.0206	0.00000623	28.3	0.0000233	0.000953
2112 Sep	275	0.064	0.0525	0.0025	89.5	0.0799	74.6	0.000884	0.000884	0.0000051	0.00705	0.00203	0.0878	0.0206	0.00000623	28.4	0.0000234	0.000954
2112 Oct	275	0.064	0.0524	0.0025	89.5	0.0799	74.7	0.000883	0.000883	0.0000051	0.00705	0.00203	0.0879	0.0205	0.00000623	28.3	0.0000233	0.000954
2112 Nov	275	0.064	0.0524	0.0025	89.5	0.0799	74.7	0.000883	0.000883	0.0000051	0.00705	0.00203	0.0879	0.0205	0.00000623	28.3	0.0000233	0.000954
2112 Dec	275	0.064	0.0524	0.0025	89.5	0.0799	74.7	0.000883	0.000883	0.0000051	0.00705	0.00203	0.0879	0.0205	0.00000623	28.3	0.0000233	0.000954
2113 Jan	275	0.064	0.0524	0.0025	89.5	0.0799	74.7	0.000883	0.000883	0.0000051	0.00705	0.00203	0.0879	0.0205	0.00000623	28.3	0.0000233	0.000954
2113 Feb	275	0.064	0.0524	0.0025	89.5	0.0799	74.7	0.000883	0.000883	0.0000051	0.00705	0.00203	0.0879	0.0206	0.00000623	28.3	0.0000233	0.000954
2113 Mar	276	0.064	0.0524	0.0025	89.5	0.0799	74.7	0.000883	0.000883	0.0000051	0.00706	0.00203	0.0879	0.0206	0.00000623	28.4	0.0000234	0.000954
2113 Apr	276	0.064	0.0525	0.0025	89.5	0.08	74.7	0.000884	0.000884	0.0000051	0.00706	0.00203	0.0879	0.0206	0.00000623	28.4	0.0000234	0.000955
2113 May	276	0.0641	0.0525	0.0025	89.6	0.08	74.8	0.000884	0.000884	0.00000511	0.00707	0.00203	0.088	0.0206	0.00000624	28.4	0.0000234	0.000956
2113 Jun	275	0.0639	0.0522	0.00249	89.4	0.0798	74.6	0.000882	0.000882	0.00000509	0.00705	0.00203	0.0878	0.0206	0.00000622	28.4	0.0000234	0.000955
2113 Jul	276	0.064	0.0523	0.00249	89.7	0.0801	74.9	0.000884	0.000884	0.00000511	0.00708	0.00204	0.0882	0.0207	0.00000624	28.5	0.0000235	0.000958
2113 Aug	277	0.0641	0.0523	0.0025	90	0.0804	75.2	0.000886	0.000886	0.00000512	0.0071	0.00205	0.0885	0.0207	0.00000626	28.6	0.0000235	0.000961
2113 Sep	277	0.0641	0.0522	0.00249	90	0.0804	75.3	0.000885	0.000885	0.00000512	0.0071	0.00205	0.0886	0.0207	0.00000626	28.6	0.0000235	0.000962
2113 Oct	277	0.0639	0.0519	0.00248	89.7	0.0802	75.1	0.000881	0.000881	0.00000509	0.00708	0.00204	0.0883	0.0206	0.00000623	28.5	0.0000234	0.000959
2113 Nov	276	0.0639	0.0518	0.00248	89.7	0.0802	75	0.000881	0.000881	0.00000509	0.00707	0.00204	0.0883	0.0206	0.00000623	28.5	0.0000234	0.000959
2113 Dec	276	0.0639	0.0518	0.00248	89.7	0.0802	75	0.000881	0.000881	0.00000509	0.00707	0.00204	0.0883	0.0206	0.00000623	28.5	0.0000234	0.000959
2114 Jan	276	0.0639	0.0518	0.00248	89.7	0.0802	75	0.000881	0.000881	0.00000509	0.00707	0.00204	0.0883	0.0206	0.00000623	28.5	0.0000234	0.000959
2114 Feb	276	0.0639	0.0518	0.00248	89.7	0.0802	75	0.000881	0.000881	0.00000509	0.00707	0.00204	0.0883	0.0206	0.00000623	28.5	0.0000234	0.000959
2114 Mar	277	0.0639	0.0518	0.00248	89.7	0.0802	75	0.000881	0.000881	0.00000509	0.00708	0.00204	0.0883	0.0206	0.00000623	28.5	0.0000234	0.000959
2114 Apr	277	0.0639	0.0519	0.00248	89.7	0.0802	75.1	0.000881	0.000881	0.00000509	0.00708	0.00204	0.0883	0.0206	0.00000623	28.5	0.0000234	0.000959
2114 May	277	0.0639	0.0518	0.00247	89.7	0.0802	75	0.000881	0.000881	0.00000509	0.00708	0.00204	0.0883	0.0207	0.00000623	28.5	0.0000234	0.000959
2114 Jun	277	0.0639	0.0517	0.00247	89.7	0.0802	75.1	0.000881	0.000881	0.00000509	0.00709	0.00205	0.0884	0.0208	0.00000623	28.6	0.0000235	0.000961
2114 Jul	278	0.0641	0.0519	0.00248	90.2	0.0806	75.5	0.000886	0.000886	0.00000512	0.00712	0.00206	0.0889	0.0209	0.00000626	28.7	0.0000236	0.000966
2114 Aug	280	0.0644	0.0521	0.00249	90.7	0.081	75.9	0.000889	0.000889	0.00000514	0.00716	0.00207	0.0893	0.0209	0.00000629	28.9	0.0000237	0.000971
2114 Sep	280	0.0643	0.052	0.00249	90.7	0.0811	76	0.000888	0.000888	0.00000514	0.00715	0.00207	0.0894	0.0209	0.00000629	28.8	0.0000237	0.000971
2114 Oct	279	0.0642	0.0518	0.00248	90.5	0.081	75.9	0.000886	0.000886	0.00000512	0.00714	0.00207	0.0893	0.0209	0.00000627	28.8	0.0000237	0.00097
2114 Nov	279	0.0642	0.0516	0.00247	90.4	0.0809	75.8	0.000884	0.000884	0.00000511	0.00713	0.00206	0.0892	0.0208	0.00000626	28.8	0.0000236	0.000968
2114 Dec	279	0.0642	0.0516	0.00247	90.4	0.0808	75.8	0.000884	0.000884	0.00000511	0.00713	0.00206	0.0892	0.0208	0.00000626	28.8	0.0000236	0.000968
2115 Jan	279	0.0642	0.0516	0.00247	90.4	0.0809	75.8	0.000884	0.000884	0.00000511	0.00713	0.00206	0.0892	0.0208	0.00000626	28.8	0.0000236	0.000968
2115 Feb	279	0.0642	0.0516	0.00247	90.4	0.0809	75.8	0.000884	0.000884	0.00000511	0.00713	0.00206	0.0892	0.0208	0.00000626	28.8	0.0000236	0.000968
2115 Mar	279	0.0642	0.0516	0.00247	90.4	0.0809	75.8	0.000884	0.000884	0.00000512	0.00714	0.00206	0.0892	0.0208	0.00000626	28.8	0.0000236	0.000969
2115 Apr	279	0.0642	0.0517	0.00247	90.4	0.0809	75.8	0.000885	0.000885	0.00000512	0.00714	0.00206	0.0892	0.0209	0.00000627	28.8	0.0000236	0.000969
2115 May	279	0.0642	0.0516	0.00247	90.4	0.0809	75.8	0.000884	0.000884	0.00000512	0.00714	0.00206	0.0892	0.0209	0.00000626	28.8	0.0000237	0.000969

Appendix C.2-27: FZONE04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2115 Jun	280	0.0643	0.0516	0.00247	90.6	0.081	76	0.000886	0.000886	0.00000513	0.00716	0.00207	0.0894	0.021	0.00000628	28.9	0.0000237	0.000972
2115 Jul	281	0.0645	0.0518	0.00248	91	0.0814	76.3	0.00089	0.00089	0.00000515	0.00719	0.00208	0.0898	0.0211	0.0000063	29	0.0000238	0.000976
2115 Aug	281	0.0644	0.0517	0.00247	91.1	0.0815	76.4	0.000888	0.000888	0.00000514	0.00718	0.00208	0.0899	0.021	0.0000063	29	0.0000238	0.000977
2115 Sep	281	0.0643	0.0516	0.00247	91.2	0.0816	76.5	0.000888	0.000888	0.00000514	0.00719	0.00208	0.09	0.021	0.0000063	29	0.0000238	0.000978
2115 Oct	282	0.0643	0.0516	0.00247	91.2	0.0816	76.6	0.000888	0.000888	0.00000514	0.00719	0.00208	0.0901	0.021	0.0000063	29	0.0000238	0.000979
2115 Nov	281	0.0643	0.0515	0.00247	91.1	0.0815	76.5	0.000887	0.000887	0.00000514	0.00719	0.00208	0.09	0.021	0.0000063	29	0.0000238	0.000978
2115 Dec	281	0.0643	0.0515	0.00247	91.1	0.0816	76.5	0.000887	0.000887	0.00000514	0.00719	0.00208	0.09	0.021	0.0000063	29	0.0000238	0.000978
2116 Jan	281	0.0643	0.0515	0.00247	91.1	0.0816	76.5	0.000887	0.000887	0.00000514	0.00719	0.00208	0.09	0.021	0.0000063	29	0.0000238	0.000978
2116 Feb	281	0.0643	0.0515	0.00247	91.1	0.0816	76.5	0.000887	0.000887	0.00000514	0.00719	0.00208	0.09	0.021	0.0000063	29	0.0000238	0.000978
2116 Mar	281	0.0643	0.0515	0.00247	91.1	0.0816	76.5	0.000887	0.000887	0.00000514	0.00719	0.00208	0.09	0.021	0.0000063	29	0.0000238	0.000978
2116 Apr	282	0.0643	0.0515	0.00247	91.2	0.0816	76.6	0.000888	0.000888	0.00000514	0.00719	0.00208	0.0901	0.021	0.0000063	29	0.0000238	0.000979
2116 May	282	0.0644	0.0515	0.00247	91.2	0.0816	76.6	0.000888	0.000888	0.00000514	0.00719	0.00208	0.0901	0.0211	0.0000063	29.1	0.0000238	0.000979
2116 Jun	280	0.0639	0.051	0.00245	90.7	0.0812	76.2	0.000883	0.000883	0.00000511	0.00716	0.00208	0.0897	0.0211	0.00000627	29	0.0000238	0.000975
2116 Jul	282	0.0641	0.0512	0.00246	91.1	0.0815	76.6	0.000886	0.000886	0.00000513	0.0072	0.00209	0.0901	0.0211	0.00000629	29.1	0.0000239	0.00098
2116 Aug	283	0.0643	0.0513	0.00246	91.5	0.0819	77	0.000889	0.000889	0.00000515	0.00722	0.0021	0.0905	0.0212	0.00000632	29.2	0.000024	0.000984
2116 Sep	283	0.0642	0.0511	0.00245	91.4	0.0818	76.9	0.000887	0.000887	0.00000514	0.00721	0.0021	0.0905	0.0212	0.0000063	29.2	0.0000239	0.000984
2116 Oct	282	0.0641	0.0509	0.00245	91.2	0.0817	76.8	0.000884	0.000884	0.00000513	0.0072	0.00209	0.0904	0.0211	0.00000629	29.1	0.0000239	0.000982
2116 Nov	282	0.0641	0.0509	0.00244	91.2	0.0817	76.8	0.000884	0.000884	0.00000513	0.0072	0.00209	0.0904	0.0211	0.00000629	29.1	0.0000239	0.000982
2116 Dec	282	0.0641	0.0509	0.00244	91.2	0.0817	76.8	0.000884	0.000884	0.00000513	0.0072	0.00209	0.0904	0.0211	0.00000629	29.1	0.0000239	0.000982
2117 Jan	282	0.0641	0.0509	0.00244	91.2	0.0817	76.8	0.000884	0.000884	0.00000513	0.0072	0.00209	0.0904	0.0211	0.00000629	29.1	0.0000239	0.000982
2117 Feb	282	0.0641	0.0509	0.00244	91.2	0.0817	76.8	0.000884	0.000884	0.00000513	0.0072	0.00209	0.0904	0.0211	0.00000629	29.1	0.0000239	0.000982
2117 Mar	282	0.0641	0.0509	0.00245	91.2	0.0817	76.8	0.000885	0.000885	0.00000513	0.0072	0.00209	0.0904	0.0211	0.00000629	29.1	0.0000239	0.000982
2117 Apr	282	0.0642	0.0509	0.00245	91.3	0.0818	76.8	0.000885	0.000885	0.00000513	0.00721	0.00209	0.0904	0.0211	0.00000629	29.2	0.0000239	0.000983
2117 May	282	0.0642	0.0509	0.00245	91.4	0.0818	76.9	0.000886	0.000886	0.00000513	0.00722	0.0021	0.0905	0.0212	0.0000063	29.2	0.0000239	0.000984
2117 Jun	283	0.0642	0.0508	0.00244	91.4	0.0818	76.9	0.000886	0.000886	0.00000514	0.00722	0.0021	0.0905	0.0212	0.0000063	29.3	0.000024	0.000985
2117 Jul	284	0.0645	0.051	0.00245	91.8	0.0822	77.3	0.00089	0.00089	0.00000516	0.00726	0.00211	0.091	0.0213	0.00000633	29.4	0.0000241	0.000989
2117 Aug	285	0.0646	0.0511	0.00246	92.1	0.0825	77.6	0.000892	0.000892	0.00000517	0.00727	0.00211	0.0913	0.0214	0.00000634	29.5	0.0000241	0.000993
2117 Sep	285	0.0646	0.0511	0.00246	92.3	0.0826	77.7	0.000892	0.000892	0.00000517	0.00728	0.00212	0.0915	0.0214	0.00000635	29.5	0.0000242	0.000994
2117 Oct	285	0.0646	0.051	0.00246	92.2	0.0826	77.7	0.000891	0.000891	0.00000517	0.00728	0.00212	0.0914	0.0214	0.00000635	29.5	0.0000242	0.000994
2117 Nov	285	0.0646	0.051	0.00245	92.2	0.0826	77.7	0.000891	0.000891	0.00000517	0.00728	0.00212	0.0914	0.0214	0.00000635	29.5	0.0000242	0.000994
2117 Dec	285	0.0646	0.051	0.00245	92.2	0.0826	77.7	0.000891	0.000891	0.00000517	0.00728	0.00212	0.0914	0.0214	0.00000635	29.5	0.0000242	0.000994
2118 Jan	285	0.0646	0.051	0.00245	92.2	0.0826	77.7	0.000891	0.000891	0.00000517	0.00728	0.00212	0.0914	0.0214	0.00000635	29.5	0.0000242	0.000994
2118 Feb	285	0.0646	0.051	0.00245	92.2	0.0826	77.7	0.000891	0.000891	0.00000517	0.00728	0.00212	0.0914	0.0214	0.00000635	29.5	0.0000242	0.000994
2118 Mar	285	0.0646	0.051	0.00245	92.2	0.0826	77.7	0.000891	0.000891	0.00000517	0.00728	0.00212	0.0914	0.0214	0.00000635	29.5	0.0000242	0.000994
2118 Apr	285	0.0646	0.051	0.00245	92.2	0.0826	77.8	0.000891	0.000891	0.00000517	0.00728	0.00212	0.0915	0.0214	0.00000635	29.5	0.0000242	0.000994
2118 May	285	0.0645	0.0509	0.00245	92.1	0.0825	77.6	0.00089	0.00089	0.00000516	0.00728	0.00212	0.0913	0.0214	0.00000634	29.5	0.0000242	0.000994
2118 Jun	284	0.0642	0.0504	0.00243	91.8	0.0822	77.4	0.000886	0.000886	0.00000514	0.00725	0.00211	0.0911	0.0214	0.00000631	29.5	0.0000241	0.000991
2118 Jul	286	0.0644	0.0507	0.00244	92.3	0.0826	77.8	0.00089	0.00089	0.00000516	0.00729	0.00212	0.0916	0.0215	0.00000634	29.6	0.0000242	0.000997
2118 Aug	286	0.0644	0.0506	0.00244	92.4	0.0827	78	0.00089	0.00089	0.00000516	0.00729	0.00213	0.0918	0.0215	0.00000635	29.7	0.0000243	0.000999
2118 Sep	286	0.0642	0.0503	0.00242	92.2	0.0826	77.9	0.000886	0.000886	0.00000514	0.00728	0.00212	0.0916	0.0215	0.00000632	29.6	0.0000242	0.000997
2118 Oct	285	0.0641	0.0501	0.00242	92	0.0825	77.8	0.000884	0.000884	0.00000513	0.00727	0.00212	0.0915	0.0214	0.00000631	29.5	0.0000241	0.000995
2118 Nov	285	0.0641	0.05	0.00241	92	0.0825	77.7	0.000883	0.000883	0.00000513	0.00726	0.00212	0.0914	0.0214	0.00000631	29.5	0.0000241	0.000995
2118 Dec	285	0.0641	0.05	0.00241	92	0.0825	77.7	0.000883	0.000883	0.00000513	0.00726	0.00212	0.0914	0.0214	0.00000631	29.5	0.0000241	0.000995
2119 Jan	285	0.0641	0.05	0.00241	92	0.0825	77.7	0.000883	0.000883	0.00000513	0.00726	0.00212	0.0914	0.0214	0.00000631	29.5	0.0000241	0.000995
2119 Feb	285	0.0641	0.05	0.00241	92	0.0825	77.7	0.000883	0.000883	0.00000513	0.00726	0.00212	0.0915	0.0214	0.00000631	29.5	0.0000241	0.000995
2119 Mar	285	0.0641	0.05	0.00242	92	0.0825	77.8	0.000884	0.000884	0.00000513	0.00727	0.00212	0.0915	0.0214	0.00000631	29.5	0.0000241	0.000995
2119 Apr	285	0.0641	0.0501	0.00242	92.1	0.0825	77.8	0.000884	0.000884	0.00000513	0.00727	0.00212	0.0915	0.0214	0.00000631	29.5	0.0000242	0.000996
2119 May	285	0.0641	0.0498	0.0024	91.8	0.0823	77.6	0.000882	0.000882	0.00000512	0.00726	0.00212	0.0912	0.0215	0.0000063	29.6	0.0000241	0.000994
2119 Jun	285	0.0639	0.0497	0.0024	91.8	0.0822	77.6	0.000881	0.000881	0.00000511	0.00725	0.00212	0.0913	0.0215	0.00000629	29.6	0.0000241	0.000995
2119 Jul	286	0.0641	0.0499	0.00241	92.3	0.0826	78	0.000884	0.000884	0.00000514	0.00729	0.00213	0.0918	0.0216	0.00000632	29.7	0.0000242	0.001
2119 Aug	287	0.0642	0.0499	0.00241	92.6	0.0829	78.3	0.000886	0.000886	0.00000515	0.00731	0.00214	0.0921	0.0217	0.00000634	29.8	0.0000243	0.001
2119 Sep	287	0.0641	0.0498	0.0024	92.5	0.0829	78.3	0.000884	0.000884	0.00000514	0.0073	0.00214	0.0921	0.0216	0.00000633	29.8	0.0000243	0.001
2119 Oct	287	0.064	0.0496	0.0024	92.4	0.0828	78.2	0.000882	0.000882	0.00000513	0.00729	0.00213	0.092	0.0216	0.00000632	29.7	0.0000243	0.001
2119 Nov	286	0.064	0.0495	0.00239	92.3	0.0828	78.2	0.000882	0.000882	0.00000513	0.00729	0.00213	0.092	0.0216	0.00000631	29.7	0.0000242	0.001
2119 Dec	286	0.064	0.0495	0.00239	92.3	0.0828	78.2	0.000882	0.000882	0.00000513	0.00729	0.00213	0.092	0.0216	0.00000631	29.7	0.0000242	0.001

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.00000974	0.0000696	0.00186	0.0000005	0.326	0.529	0.003	0.0000956	8.49	0.00027	0.000207	0.00000725	0.0000323	0.0000167	0.00602	2.35E-08	0.000106	0.0000244	0.0000448	0.0000946
Operation (2024-2031): Mean	0.000383	0.00435	0.0503	0.0000322	20.8	33.2	0.15	0.00637	500	0.0173	0.0125	0.0000419	0.00204	0.00105	0.339	0.00000142	0.00699	0.00108	0.00259	0.00621
Operation (2024-2031): Max	0.000545	0.00651	0.101	0.0000471	32.3	51.6	0.228	0.00987	791	0.0268	0.0159	0.000271	0.00317	0.00163	0.507	0.00000182	0.0109	0.00157	0.00359	0.00975
Active Closure (2032-2038): Min	0.000118	0.00106	0.0183	0.00000354	2.57	3.85	0.0172	0.000601	28.4	0.00189	0.00517	0.0000177	0.000198	0.000127	0.0583	0.00000145	0.000601	0.000177	0.000996	0.000522
Active Closure (2032-2038): Mean	0.000138	0.00134	0.023	0.00000607	4.16	6.4	0.0285	0.00111	63.2	0.00324	0.0058	0.0000529	0.000359	0.000207	0.0822	0.00000189	0.00116	0.000254	0.00113	0.00102
Active Closure (2032-2038): Max	0.000349	0.00396	0.054	0.0000293	18.5	29.4	0.131	0.00571	373	0.0153	0.0125	0.0000861	0.00178	0.000926	0.307	0.00000196	0.00616	0.000953	0.00234	0.00546
Model Predictions (2025-2038)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun																				
2026 Jul																				
2026 Aug																				
2026 Sep																				
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun																				
2027 Jul																				
2027 Aug																				
2027 Sep																				
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				
2028 Apr																				
2028 May																				
2028 Jun																				
2028 Jul																				
2028 Aug																				
2028 Sep																				
2028 Oct																				

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Nov																				
2028 Dec																				
2029 Jan																				
2029 Feb																				
2029 Mar																				
2029 Apr																				
2029 May	0.00000974	0.0000696	0.00186	0.0000005	0.326	0.529	0.003	0.0000956	8.49	0.00027	0.000207	0.00000725	0.0000323	0.0000167	0.00602	2.35E-08	0.000106	0.0000244	0.0000448	0.0000946
2029 Jun	0.00033	0.00259	0.0762	0.0000204	11.8	18.9	0.104	0.00343	303	0.00982	0.00952	0.000218	0.00121	0.000599	0.217	0.00000135	0.00381	0.000937	0.00216	0.00338
2029 Jul	0.000365	0.00427	0.0576	0.0000323	20.2	32.2	0.145	0.00609	539	0.0168	0.0125	0.000064	0.002	0.00102	0.327	0.0000016	0.00677	0.00102	0.00268	0.00602
2029 Aug	0.000496	0.00593	0.0402	0.0000434	29.4	46.8	0.208	0.00896	791	0.0243	0.0145	0.0000231	0.00288	0.00149	0.463	0.00000154	0.00993	0.00141	0.00333	0.00885
2029 Sep	0.000466	0.0055	0.0465	0.00004	26.9	42.8	0.19	0.00823	720	0.0222	0.0146	0.00002	0.00262	0.00135	0.427	0.0000015	0.00906	0.00132	0.00309	0.00806
2029 Oct	0.000389	0.00455	0.0455	0.0000332	21.9	34.9	0.155	0.00673	586	0.0181	0.0128	0.0000178	0.00213	0.0011	0.353	0.00000136	0.00737	0.0011	0.00258	0.00655
2029 Nov	0.000372	0.00433	0.0457	0.0000317	20.8	33.1	0.147	0.00639	554	0.0172	0.0124	0.0000173	0.00201	0.00104	0.336	0.00000134	0.00697	0.00104	0.00248	0.00619
2029 Dec	0.000372	0.00433	0.0457	0.0000317	20.8	33.1	0.147	0.00639	554	0.0172	0.0124	0.0000174	0.00202	0.00104	0.336	0.00000134	0.00697	0.00104	0.00248	0.0062
2030 Jan	0.000372	0.00433	0.0457	0.0000317	20.8	33.1	0.147	0.00639	554	0.0172	0.0124	0.0000174	0.00202	0.00104	0.336	0.00000134	0.00697	0.00104	0.00248	0.0062
2030 Feb	0.000372	0.00433	0.0457	0.0000317	20.8	33.1	0.147	0.00639	554	0.0172	0.0124	0.0000174	0.00202	0.00104	0.336	0.00000134	0.00697	0.00104	0.00248	0.0062
2030 Mar	0.000372	0.00434	0.0457	0.0000317	20.8	33.1	0.147	0.00639	554	0.0172	0.0124	0.0000174	0.00202	0.00104	0.336	0.00000134	0.00697	0.00104	0.00248	0.0062
2030 Apr	0.000373	0.00434	0.0458	0.0000318	20.8	33.1	0.147	0.0064	555	0.0172	0.0124	0.0000174	0.00202	0.00104	0.336	0.00000134	0.00698	0.00104	0.00248	0.0062
2030 May	0.000375	0.00437	0.0461	0.000032	20.9	33.3	0.148	0.00644	558	0.0173	0.0125	0.0000175	0.00203	0.00105	0.338	0.00000135	0.00702	0.00105	0.00249	0.00624
2030 Jun	0.000329	0.00371	0.0519	0.000029	17.8	28.4	0.13	0.00535	424	0.0149	0.0116	0.000058	0.00183	0.000902	0.289	0.00000153	0.00596	0.00107	0.00279	0.0053
2030 Jul	0.00036	0.00417	0.0603	0.0000319	19.7	31.3	0.141	0.00591	457	0.0164	0.0126	0.0000679	0.00195	0.000994	0.32	0.00000167	0.00657	0.00103	0.00274	0.00584
2030 Aug	0.000535	0.0064	0.0448	0.0000468	31.7	50.5	0.224	0.00965	746	0.0262	0.0157	0.0000309	0.0031	0.0016	0.498	0.00000165	0.0107	0.00152	0.00359	0.00954
2030 Sep	0.000545	0.00651	0.0422	0.0000471	32.3	51.6	0.228	0.00987	762	0.0268	0.0159	0.0000217	0.00317	0.00163	0.507	0.00000154	0.0109	0.00157	0.00358	0.00975
2030 Oct	0.000388	0.00448	0.0523	0.000033	21.2	33.9	0.15	0.00655	495	0.0176	0.0134	0.0000189	0.00206	0.00107	0.347	0.00000149	0.00712	0.00108	0.00259	0.00632
2030 Nov	0.000373	0.00434	0.0471	0.0000318	20.7	33	0.147	0.00638	484	0.0171	0.0126	0.0000176	0.00201	0.00104	0.336	0.00000137	0.00695	0.00104	0.00249	0.00618
2030 Dec	0.000373	0.00434	0.0472	0.0000318	20.7	33	0.147	0.00638	484	0.0171	0.0126	0.0000176	0.00201	0.00104	0.336	0.00000137	0.00696	0.00104	0.00249	0.00618
2031 Jan	0.000373	0.00434	0.0472	0.0000318	20.7	33	0.147	0.00638	484	0.0171	0.0126	0.0000176	0.00201	0.00104	0.336	0.00000137	0.00696	0.00104	0.00249	0.00618
2031 Feb	0.000373	0.00434	0.0472	0.0000318	20.7	33	0.147	0.00638	484	0.0171	0.0126	0.0000176	0.00201	0.00104	0.336	0.00000137	0.00696	0.00104	0.00249	0.00618
2031 Mar	0.000373	0.00434	0.0472	0.0000318	20.7	33.1	0.147	0.00638	484	0.0171	0.0126	0.0000176	0.00201	0.00104	0.336	0.00000137	0.00696	0.00104	0.00249	0.00618
2031 Apr	0.000374	0.00435	0.0473	0.0000319	20.8	33.1	0.147	0.0064	485	0.0172	0.0126	0.0000177	0.00202	0.00104	0.337	0.00000137	0.00697	0.00105	0.00249	0.0062
2031 May	0.000413	0.00421	0.0633	0.0000309	19.9	31.9	0.15	0.00607	455	0.0165	0.0126	0.000108	0.00194	0.001	0.335	0.00000141	0.00663	0.00111	0.0025	0.00589
2031 Jun	0.000411	0.0032	0.101	0.0000255	14.3	23	0.126	0.00417	289	0.0119	0.0125	0.000271	0.00147	0.000727	0.268	0.00000182	0.0046	0.00116	0.00274	0.00407
2031 Jul	0.000457	0.00519	0.064	0.0000391	25	39.9	0.182	0.00753	512	0.0208	0.0147	0.0000891	0.0025	0.00127	0.403	0.00000179	0.0084	0.00134	0.00335	0.00748
2031 Aug	0.000463	0.00549	0.0444	0.0000407	27	42.9	0.191	0.00822	552	0.0223	0.0141	0.000024	0.00263	0.00136	0.429	0.00000161	0.00907	0.00129	0.00316	0.00807
2031 Sep	0.000417	0.00484	0.0537	0.0000357	23.1	36.8	0.163	0.00711	471	0.0191	0.0141	0.0000199	0.00224	0.00116	0.376	0.00000159	0.00774	0.00116	0.0028	0.00687
2031 Oct	0.000343	0.00391	0.0532	0.000029	18.2	29.1	0.129	0.00565	370	0.0151	0.0124	0.0000178	0.00176	0.000915	0.303	0.00000145	0.00608	0.000936	0.00231	0.00539
2031 Nov	0.000341	0.00389	0.053	0.0000289	18.1	28.9	0.128	0.00561	368	0.015	0.0124	0.0000177	0.00175	0.000909	0.301	0.00000145	0.00605	0.00093	0.0023	0.00536
2031 Dec	0.000341	0.00389	0.053	0.0000289	18.1	28.9	0.128	0.00561	368	0.015	0.0124	0.0000177	0.00175	0.000909	0.301	0.00000145	0.00605	0.00093	0.0023	0.00536
2032 Jan	0.000341	0.00389	0.053	0.0000289	18.1	28.9	0.128	0.00561	368	0.015	0.0124	0.0000177	0.00175	0.000909	0.301	0.00000145	0.00605	0.00093	0.0023	0.00536
2032 Feb	0.000341	0.00389	0.053	0.0000289	18.1	28.9	0.128	0.00561	368	0.015	0.0124	0.0000177	0.00175	0.000909	0.301	0.00000145	0.00605	0.00093	0.0023	0.00536
2032 Mar	0.000341	0.00389	0.053	0.0000289	18.1	28.9	0.128	0.00561	368	0.015	0.0124	0.0000177	0.00175	0.000909	0.301	0.00000145	0.00605	0.00093	0.0023	0.00536
2032 Apr	0.000341	0.0039	0.0531	0.0000289	18.2	29	0.129	0.00562	368	0.015	0.0124	0.0000178	0.00175	0.000911	0.302	0.00000145	0.00606	0.000932	0.0023	0.00537
2032 May	0.000349	0.00396	0.054	0.0000293	18.5	29.4	0.131	0.00571	373	0.0153	0.0125	0.0000248	0.00178	0.000926	0.307	0.00000145	0.00616	0.000953	0.00234	0.00546
2032 Jun	0.000209	0.00215	0.0435	0.0000145	8.68	13.7	0.0655	0.00252	155	0.00718	0.00822	0.0000861	0.000855	0.000438	0.155	0.00000173	0.00275	0.00058	0.00174	0.00243
2032 Jul	0.000157	0.00181	0.0277	0.0000106	6.78	10.6	0.0479	0.00192	115	0.00557	0.00676	0.0000579	0.000651	0.000343	0.119	0.00000178	0.00211	0.000418	0.00145	0.00186
2032 Aug	0.000132	0.00146	0.0221	0.00000724	4.85	7.51	0.0329	0.00132	78.9	0.00389	0.00588	0.0000472	0.000442	0.000244	0.0893	0.00000186	0.00142	0.000294	0.00123	0.00126
2032 Sep	0.000125	0.00129	0.0192	0.00000564	3.94	6.03	0.0258	0.00103	61.6	0.00307	0.00549	0.0000412	0.000343	0.000197	0.0761	0.0000019	0.0011	0.000234	0.00112	0.000964
2032 Oct	0.000123	0.00123	0.0183	0.00000509	3.63	5.52	0.0233	0.000933	55.5	0.00279	0.0054	0.0000414	0.000309	0.00018	0.0716	0.00000191	0.000982	0.000214	0.00109	0.000862
2032 Nov	0.000123	0.00124	0.0183	0.00000514	3.66	5.57	0.0235	0.000943	56.1	0.00281	0.00542	0.0000413	0.000312	0.000182	0.072	0.00000191	0.000992	0.000216	0.00109	0.000872
2032 Dec	0.000123	0.00124	0.0184	0.00000518	3.68	5.61	0.0237	0.000951	56.6	0.00283	0.00543	0.0000413	0.000314	0.000183	0.0725	0.00000191	0.001	0.000217	0.00109	0.00088
2033 Jan	0.000123	0.00124	0.0184	0.00000518	3.68	5.61	0.0237	0.000951	56.6	0.00283	0.00543	0.0000413	0.000314	0.000183	0.0725	0.00000191	0.001	0.000217	0.00109	0.00088
2033 Feb	0.000123	0.00124	0.0184	0.00000518	3.68	5.61	0.0237	0.000951	56.6	0.00283	0.00543	0.0000413	0.000314	0.000183	0.0725	0.00000191	0.001	0.000217	0.00109	0.00088
2033 Mar	0.000123	0.00124	0.0184	0.00000518	3.68	5.61	0.0237	0.000951	56.6	0.00283	0.00543	0.0000413	0.000314	0.000183	0.0725	0.00000191	0.001	0.000217	0.00109	0.00088
2033 Apr	0.000124	0.00124	0.0184	0.00000518	3.69	5.61	0.0237	0.000952	56.6	0.00284	0.00543	0.0000413	0.000315	0.000183	0.0725	0.00000191	0.001	0.000217	0.00109	0.000881
2033 May	0.000131	0.00126	0.0208	0.00000537	3.77	5.76	0.0254	0.000974	57.6	0.00291	0.00553	0.0000513	0.000324	0.000188	0.0752	0.00000191	0.00103	0.000234	0.00111	0.000902
2033 Jun	0.000145	0.00135	0.0247	0.00000615	4.22	6.52	0.0304	0.00111	63.9	0.0033	0.00574	0.0000679	0.000372	0.000211	0.0838	0.00000188	0.00118	0.000277	0.00116	0.00104
2033 Jul	0.000137	0.00131	0.0235	0.00000574	3.98	6.12	0.0282	0.00104	59.2	0.00311	0.00564	0.0000655	0.000346	0.000199	0.0793	0.00000189	0.0011	0.00026	0.00113	0.000966
2033 Aug	0.00013	0.00124	0.022	0.00000509	3.59	5.49	0.025	0.000917	52.2	0.00278	0.00546	0.0000605	0.000305	0.000179	0.0729	0.00000192	0.000964	0.000234	0.00109	0.000846
2033 Sep	0.000128	0.0012	0.0207	0.00000475	3.41	5.2	0.0232	0.000862	48.7	0.00261	0.00536	0.0000555	0.000285	0.00017	0.0701	0.00000192	0.0009	0.000218	0.00107	0.000789
2033 Oct	0.000128	0.0012	0.0205	0.00000478	3.43	5.22	0.0232	0.00087	48.6	0.00262	0.00538	0.0000539	0.000286	0.00017	0.0704	0.00000191	0.000907	0.000215	0.00106	0.000795
2033 Nov	0.000128	0.00121	0.0206	0.00000481	3.44	5.24	0.0232	0.000874	48.8	0.00262	0.00539	0.0000538	0.000287	0.000171	0.0706	0.00000191	0.000911	0.000216	0.00106	0.000798
2033 Dec	0.000128	0.00121	0.0206	0.00000481	3.44	5.24	0.0232	0.000874	48.8	0.00262	0.00539	0.0000538	0.000287	0.000171	0.0706	0.00000191	0.000911	0.000216	0.00106	0.000798
2034 Jan	0.000128	0.00121	0.0206	0.00000481	3.44	5.24	0.0232	0.000874	48.8	0.00262	0.00539	0.0000538	0.000287	0.000171	0.0706	0.00000191	0.000911	0.000216	0.00106	0.000798
2034 Feb	0.000128	0.00121	0.0206	0.00000481	3.44	5.24	0.0232	0.000874	48.8	0.00262	0.00539	0.0000538	0.000287	0.000171	0.0706	0.00000191	0.000911	0.000216	0.00106	0.000798
2034 Mar	0.000128	0.00121	0.0206	0.00000481	3.44	5.24	0.0232	0.000874	48.8	0.00262	0.00539	0.0000538	0.000287	0.000171	0.0706	0.00000191	0.000911	0.000216	0.00106	0.000798
2034 Apr	0.000128	0.00121	0.0206	0.00000481	3.44	5.24	0.0233	0.000874	48.8	0.00263	0.00539	0.0000539	0.000287	0.000171	0.0707	0.00000191	0.000911	0.000216	0.00106	0.000799
2034 May	0.000129	0.00121	0.021	0.00000485	3.46	5.28	0.0236	0.00088	49.1	0.00264	0.00542	0.0000555	0.000289	0.000172	0.0712	0.00000191	0.000917	0.000219	0.00107	0.000804

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2034 Jun	0.000135	0.00123	0.0231	0.00000507	3.56	5.46	0.0252	0.000909	49.9	0.00274	0.0055	0.0000643	0.000301	0.000178	0.0738	0.0000019	0.000951	0.000236	0.00108	0.000833
2034 Jul	0.000131	0.00122	0.0226	0.00000496	3.49	5.34	0.0245	0.000889	48.3	0.00269	0.00547	0.0000632	0.000294	0.000174	0.0722	0.00000191	0.000928	0.00023	0.00108	0.000813
2034 Aug	0.000127	0.00119	0.0218	0.0000046	3.28	4.99	0.0227	0.000822	44.6	0.0025	0.00538	0.0000605	0.000271	0.000163	0.0687	0.00000193	0.000853	0.000216	0.00106	0.000746
2034 Sep	0.000126	0.00116	0.021	0.00000441	3.18	4.83	0.0217	0.00079	42.5	0.00241	0.00532	0.0000572	0.00026	0.000158	0.0671	0.00000193	0.000817	0.000206	0.00104	0.000714
2034 Oct	0.000126	0.00116	0.0208	0.00000439	3.17	4.81	0.0215	0.000788	42.1	0.00239	0.00532	0.0000562	0.000258	0.000157	0.0669	0.00000192	0.000814	0.000204	0.00104	0.000711
2034 Nov	0.000126	0.00116	0.0208	0.0000044	3.17	4.82	0.0215	0.00079	42.1	0.0024	0.00532	0.0000562	0.000259	0.000157	0.067	0.00000192	0.000815	0.000204	0.00104	0.000713
2034 Dec	0.000126	0.00116	0.0208	0.0000044	3.17	4.82	0.0215	0.00079	42.1	0.0024	0.00532	0.0000562	0.000259	0.000157	0.067	0.00000192	0.000815	0.000204	0.00104	0.000713
2035 Jan	0.000126	0.00116	0.0208	0.0000044	3.17	4.82	0.0215	0.00079	42.1	0.0024	0.00532	0.0000562	0.000259	0.000157	0.067	0.00000192	0.000815	0.000204	0.00104	0.000713
2035 Feb	0.000126	0.00116	0.0208	0.0000044	3.17	4.82	0.0215	0.00079	42.1	0.0024	0.00532	0.0000562	0.000259	0.000157	0.067	0.00000192	0.000815	0.000204	0.00104	0.000713
2035 Mar	0.000126	0.00116	0.0208	0.0000044	3.17	4.82	0.0215	0.00079	42.1	0.0024	0.00532	0.0000562	0.000259	0.000157	0.067	0.00000192	0.000815	0.000204	0.00104	0.000713
2035 Apr	0.000126	0.00116	0.0208	0.0000044	3.17	4.82	0.0215	0.00079	42.1	0.0024	0.00533	0.0000562	0.000259	0.000157	0.067	0.00000192	0.000815	0.000204	0.00104	0.000713
2035 May	0.000126	0.00117	0.0209	0.00000441	3.18	4.83	0.0216	0.000792	42.2	0.00241	0.00534	0.0000566	0.00026	0.000158	0.0672	0.00000193	0.000818	0.000205	0.00104	0.000715
2035 Jun	0.00013	0.00118	0.0221	0.00000465	3.29	5.01	0.0229	0.000825	43.1	0.0025	0.0054	0.0000607	0.000273	0.000164	0.0693	0.00000191	0.000856	0.000217	0.00106	0.000748
2035 Jul	0.000127	0.00118	0.0219	0.00000459	3.25	4.95	0.0225	0.000814	42.1	0.00248	0.00538	0.0000601	0.000269	0.000162	0.0684	0.00000192	0.000843	0.000215	0.00105	0.000738
2035 Aug	0.000125	0.00116	0.0213	0.00000441	3.15	4.78	0.0216	0.000783	40.2	0.00239	0.00533	0.0000582	0.000258	0.000157	0.0666	0.00000192	0.000808	0.000207	0.00104	0.000706
2035 Sep	0.000124	0.00115	0.0208	0.00000431	3.09	4.69	0.021	0.000767	38.9	0.00234	0.00529	0.0000557	0.000252	0.000154	0.0657	0.00000192	0.000789	0.000201	0.00103	0.00069
2035 Oct	0.000124	0.00114	0.0206	0.00000425	3.06	4.63	0.0206	0.000755	38.1	0.0023	0.00528	0.0000551	0.000248	0.000151	0.0652	0.00000192	0.000776	0.000198	0.00103	0.000677
2035 Nov	0.000124	0.00114	0.0207	0.00000428	3.07	4.66	0.0207	0.000761	38.3	0.00232	0.00529	0.000055	0.000249	0.000152	0.0654	0.00000192	0.000782	0.000199	0.00103	0.000683
2035 Dec	0.000124	0.00114	0.0207	0.00000428	3.07	4.66	0.0207	0.000761	38.3	0.00232	0.00529	0.000055	0.000249	0.000152	0.0654	0.00000192	0.000782	0.000199	0.00103	0.000683
2036 Jan	0.000124	0.00114	0.0207	0.00000428	3.07	4.66	0.0207	0.000761	38.3	0.00232	0.00529	0.000055	0.000249	0.000152	0.0654	0.00000192	0.000782	0.000199	0.00103	0.000683
2036 Feb	0.000124	0.00114	0.0207	0.00000428	3.07	4.66	0.0207	0.000761	38.3	0.00232	0.00529	0.000055	0.000249	0.000152	0.0654	0.00000192	0.000782	0.000199	0.00103	0.000683
2036 Mar	0.000124	0.00114	0.0207	0.00000428	3.07	4.66	0.0207	0.000761	38.3	0.00232	0.00529	0.000055	0.000249	0.000152	0.0654	0.00000192	0.000782	0.000199	0.00103	0.000683
2036 Apr	0.000124	0.00114	0.0207	0.00000428	3.08	4.66	0.0207	0.000762	38.4	0.00232	0.00529	0.000055	0.00025	0.000152	0.0655	0.00000192	0.000783	0.000199	0.00103	0.000684
2036 May	0.000124	0.00114	0.0207	0.0000043	3.08	4.67	0.0208	0.000764	38.4	0.00233	0.0053	0.0000552	0.00025	0.000153	0.0656	0.00000192	0.000785	0.000199	0.00103	0.000685
2036 Jun	0.000124	0.00115	0.0211	0.00000437	3.1	4.71	0.0211	0.00077	38.4	0.00235	0.00532	0.0000561	0.000253	0.000154	0.066	0.00000191	0.000793	0.000203	0.00104	0.000693
2036 Jul	0.000122	0.00114	0.021	0.00000431	3.06	4.64	0.0207	0.000757	37.4	0.00232	0.00531	0.0000559	0.000249	0.000152	0.0651	0.00000192	0.000779	0.000201	0.00103	0.00068
2036 Aug	0.000121	0.00113	0.0207	0.00000415	2.96	4.48	0.0199	0.000727	35.9	0.00223	0.00527	0.0000548	0.000239	0.000147	0.0636	0.00000193	0.000744	0.000195	0.00103	0.000649
2036 Sep	0.00012	0.00111	0.0203	0.00000401	2.88	4.35	0.0192	0.000702	34.5	0.00216	0.00523	0.0000533	0.000231	0.000143	0.0624	0.00000193	0.000716	0.000188	0.00102	0.000624
2036 Oct	0.000119	0.0011	0.0201	0.00000395	2.85	4.29	0.0189	0.000691	33.9	0.00213	0.00522	0.0000529	0.000227	0.000141	0.0618	0.00000193	0.000704	0.000186	0.00101	0.000613
2036 Nov	0.000119	0.0011	0.0201	0.00000396	2.85	4.3	0.0189	0.000693	33.9	0.00213	0.00522	0.0000529	0.000227	0.000141	0.0619	0.00000193	0.000705	0.000186	0.00101	0.000615
2036 Dec	0.000119	0.0011	0.0201	0.00000396	2.85	4.3	0.0189	0.000693	33.9	0.00213	0.00522	0.0000528	0.000227	0.000141	0.0619	0.00000193	0.000706	0.000186	0.00101	0.000615
2037 Jan	0.000119	0.0011	0.0201	0.00000396	2.85	4.3	0.0189	0.000693	33.9	0.00213	0.00522	0.0000528	0.000227	0.000141	0.0619	0.00000193	0.000706	0.000186	0.00101	0.000615
2037 Feb	0.000119	0.0011	0.0201	0.00000396	2.85	4.3	0.0189	0.000693	33.9	0.00213	0.00522	0.0000528	0.000227	0.000141	0.0619	0.00000193	0.000706	0.000186	0.00101	0.000615
2037 Mar	0.000119	0.0011	0.0201	0.00000396	2.85	4.3	0.0189	0.000693	34	0.00213	0.00522	0.0000528	0.000227	0.000141	0.0619	0.00000193	0.000706	0.000186	0.00101	0.000615
2037 Apr	0.000119	0.0011	0.0201	0.00000396	2.86	4.3	0.0189	0.000694	34	0.00214	0.00522	0.0000529	0.000227	0.000141	0.0619	0.00000193	0.000706	0.000186	0.00101	0.000615
2037 May	0.000121	0.00111	0.0207	0.00000399	2.86	4.32	0.0192	0.000696	34	0.00214	0.00524	0.0000551	0.000228	0.000142	0.0624	0.00000193	0.000708	0.000189	0.00102	0.000617
2037 Jun	0.000123	0.00111	0.0214	0.00000405	2.89	4.36	0.0197	0.000702	33.9	0.00217	0.00525	0.0000582	0.000231	0.000143	0.063	0.00000192	0.000716	0.000195	0.00102	0.000624
2037 Jul	0.000121	0.0011	0.0212	0.00000398	2.84	4.28	0.0193	0.000687	33.1	0.00213	0.00524	0.0000581	0.000226	0.000141	0.0622	0.00000193	0.000699	0.000192	0.00101	0.000609
2037 Aug	0.00012	0.00109	0.0209	0.00000385	2.77	4.17	0.0187	0.000665	32	0.00207	0.00522	0.0000571	0.000219	0.000137	0.061	0.00000194	0.000674	0.000187	0.00101	0.000586
2037 Sep	0.000119	0.00108	0.0206	0.00000373	2.7	4.06	0.0181	0.000644	30.9	0.00201	0.00519	0.0000559	0.000212	0.000134	0.06	0.00000194	0.00065	0.000182	0.001	0.000565
2037 Oct	0.000119	0.00107	0.0204	0.00000368	2.67	4.01	0.0178	0.000635	30.4	0.00198	0.00518	0.0000555	0.000208	0.000132	0.0595	0.00000194	0.00064	0.000179	0.000998	0.000556
2037 Nov	0.000119	0.00107	0.0204	0.00000369	2.67	4.01	0.0178	0.000635	30.4	0.00198	0.00518	0.0000555	0.000209	0.000132	0.0596	0.00000194	0.00064	0.000179	0.000998	0.000557
2037 Dec	0.000119	0.00107	0.0204	0.00000369	2.67	4.01	0.0178	0.000635	30.4	0.00198	0.00518	0.0000555	0.000209	0.000132	0.0596	0.00000194	0.00064	0.000179	0.000998	0.000557
2038 Jan	0.000119	0.00107	0.0204	0.00000369	2.67	4.01	0.0178	0.000635	30.4	0.00198	0.00518	0.0000555	0.000209	0.000132	0.0596	0.00000194	0.00064	0.000179	0.000998	0.000557
2038 Feb	0.000119	0.00107	0.0204	0.00000369	2.67	4.01	0.0178	0.000635	30.4	0.00198	0.00518	0.0000555	0.000209	0.000132	0.0596	0.00000194	0.00064	0.000179	0.000998	0.000557
2038 Mar	0.000119	0.00107	0.0204	0.00000369	2.67	4.01	0.0178	0.000635	30.4	0.00198	0.00518	0.0000555	0.000209	0.000132	0.0596	0.00000194	0.00064	0.000179	0.000999	0.000557
2038 Apr	0.000119	0.00107	0.0204	0.00000369	2.67	4.01	0.0178	0.000635	30.4	0.00198	0.00518	0.0000555	0.000209	0.000132	0.0596	0.00000194	0.000641	0.000179	0.000999	0.000557
2038 May	0.000119	0.00108	0.0206	0.0000037	2.68	4.02	0.0179	0.000637	30.5	0.00199	0.00519	0.0000562	0.000209	0.000132	0.0598	0.00000194	0.000642	0.000181	0.001	0.000558
2038 Jun	0.000121	0.00108	0.0213	0.00000374	2.68	4.04	0.0183	0.000638	30.3	0.00199	0.0052	0.0000592	0.00021	0.000133	0.0602	0.00000194	0.000643	0.000185	0.001	0.000559
2038 Jul	0.000119	0.00107	0.0212	0.00000367	2.64	3.97	0.018	0.000625	29.7	0.00196	0.00521	0.0000592	0.000206	0.000131	0.0595	0.00000195	0.000629	0.000183	0.001	0.000546
2038 Aug	0.000118	0.00107	0.021	0.00000358	2.59	3.89	0.0175	0.000609	28.8	0.00192	0.00519	0.0000584	0.0002	0.000128	0.0587	0.00000196	0.000611	0.000179	0.000999	0.00053
2038 Sep	0.000118	0.00106	0.0208	0.00000354	2.57	3.85	0.0172	0.000601	28.4	0.00189	0.00517	0.0000574	0.000198	0.000127	0.0583	0.00000196	0.000601	0.000177	0.000996	0.000522
2038 Oct	0.000118	0.00106	0.0209	0.00000355	2.57	3.85	0.0173	0.000603	28.4	0.0019	0.00518	0.0000574	0.000198	0.000127	0.0584	0.00000196	0.000603	0.000177	0.000996	0.000523
2038 Nov	0.000118	0.00106	0.0209	0.00000355	2.57	3.85	0.0173	0.000603	28.4	0.0019	0.00518	0.0000574	0.000198	0.000127	0.0584	0.00000196	0.000603	0.000177	0.000996	0.000523
2038 Dec	0.000118	0.00106	0.0209	0.00000355	2.57	3.85	0.0173	0.000603	28.4	0.0019	0.00518	0.0000574	0.000198	0.000127	0.0584	0.00000196	0.000603	0.000177	0.000996	0.000523
2039 Jan	0.000118	0.00106	0.0209	0.00000355	2.57	3.85	0.0173	0.000603	28.4	0.0019	0.00518	0.0000574	0.000198	0.000127	0.0584	0.00000196	0.000603	0.000177	0.000996	0.000523
2039 Feb	0.000118	0.00106	0.0209	0.00000355	2.57	3.85	0.0173	0.000603	28.4	0.0019	0.00518	0.0000574	0.000198	0.000127	0.0584	0.00000196	0.000603	0.000177	0.000996	0.000523
2039 Mar	0.000118	0.00106	0.0209	0.00000355	2.57	3.85	0.0173	0.000603	28.4	0.0019	0.00518	0.0000574	0.000198	0.000127	0.0584	0.00000196	0.000603	0.000177	0.000996	0.000523
2039 Apr	0.000118	0.00106	0.0209	0.00000355	2.57	3.86	0.0173	0.000603	28.4	0.0019	0.00518	0.0000574	0.000198	0.000127	0.0584	0.00000196	0.000604	0.000177	0.000996	0.000523
2039 May	0.000118	0.00106	0.0209	0.00000356	2.58	3.86	0.0173	0.000604	28.5	0.0019	0.00519	0.0000575	0.000198	0.000127	0.0585	0.00000196	0.000604	0.000177	0.000998	0.000524
2039 Jun	0.000118	0.00106	0.0211	0.00000361	2.59	3.88	0.0174	0.000607	28.4	0.00191	0.0052	0.0000575	0.0002	0.000128	0.0586	0.00000195	0.000609	0.000179	0.001	0.000528
2039 Jul	0.000118	0.00106	0.0213	0.00000367	2.61	3.91	0.0176	0.000615	28.5	0.00193	0.0052	0.0000574	0.000203	0.000129	0.0589	0.00000195	0.000617	0.000181	0.001	0.000536
2039 Aug	0.000119	0.00107	0.0214	0.0000037	2.62	3.94	0.0177	0.00062	28.6	0.00195	0.00522	0.0000576	0.000205	0.00013	0.0592	0.00000195	0.000623	0.000182	0.00101	0.00054
2039 Sep	0.000119	0.00107	0.0215	0.00000372	2.63	3.95	0.0178	0.000623	28.7	0.00196	0.00523	0.0000576	0.000206	0.00013	0.0594	0.00000195	0.000626	0.000183	0.00101	0.000543
2039 Oct	0.000119	0.00107	0.0215	0.00000373	2.64	3.96	0.0178	0.000624	28.7	0.00196	0.00523	0.0000576	0.000206	0.000131	0.0595	0.00000195	0.000627	0.000183	0.00101	0.000544
2039 Nov	0.000119	0.00107	0.0215	0.00000373	2.64	3.96	0.0178	0.000624	28.7	0.00196	0.00524	0.0000576	0.000206	0.000131	0.0595	0.00000195	0.000627	0.000183	0.00101	0.000545
2039 Dec	0.000119	0.00107	0.0215	0.00000373	2.64	3.96	0.0178	0.000624	28.7	0.00196	0.00524	0.0000576	0.000206	0.000131	0.0595	0.00000195	0.000627	0.000183	0.00101	0.000545

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2040 Jan	0.000119	0.00107	0.0215	0.00000373	2.64	3.96	0.0178	0.000624	28.7	0.00196	0.00524	0.0000576	0.000206	0.000131	0.0595	0.00000195	0.000627	0.000183	0.00101	0.000545
2040 Feb	0.000119	0.00107	0.0215	0.00000373	2.64	3.96	0.0178	0.000624	28.7	0.00196	0.00524	0.0000576	0.000206	0.000131	0.0595	0.00000195	0.000627	0.000183	0.00101	0.000545
2040 Mar	0.000119	0.00107	0.0215	0.00000373	2.64	3.96	0.0178	0.000624	28.7	0.00196	0.00524	0.0000576	0.000206	0.000131	0.0595	0.00000195	0.000627	0.000183	0.00101	0.000545
2040 Apr	0.000119	0.00107	0.0215	0.00000373	2.64	3.96	0.0179	0.000625	28.7	0.00196	0.00524	0.0000576	0.000206	0.000131	0.0595	0.00000195	0.000628	0.000183	0.00101	0.000545
2040 May	0.00012	0.00107	0.0216	0.00000374	2.64	3.97	0.0179	0.000625	28.7	0.00196	0.00525	0.0000581	0.000207	0.000131	0.0596	0.00000196	0.000628	0.000184	0.00101	0.000545
2040 Jun	0.000121	0.00108	0.0224	0.0000038	2.66	4	0.0184	0.00063	28.7	0.00198	0.00526	0.0000611	0.000209	0.000132	0.0603	0.00000195	0.000633	0.000189	0.00102	0.00055
2040 Jul	0.000122	0.00108	0.0225	0.00000383	2.68	4.03	0.0185	0.000634	28.8	0.00199	0.00528	0.0000612	0.000211	0.000132	0.0606	0.00000195	0.000639	0.00019	0.00102	0.000554
2040 Aug	0.000122	0.00108	0.0226	0.00000386	2.69	4.05	0.0186	0.000639	28.9	0.00201	0.0053	0.0000613	0.000212	0.000133	0.0609	0.00000196	0.000643	0.000191	0.00102	0.000559
2040 Sep	0.000122	0.00109	0.0226	0.00000387	2.7	4.07	0.0187	0.000642	29	0.00201	0.00531	0.0000614	0.000213	0.000134	0.061	0.00000196	0.000647	0.000191	0.00102	0.000562
2040 Oct	0.000122	0.00109	0.0226	0.00000388	2.71	4.07	0.0187	0.000643	29	0.00202	0.00531	0.0000614	0.000214	0.000134	0.0611	0.00000196	0.000648	0.000192	0.00102	0.000563
2040 Nov	0.000123	0.00109	0.0226	0.00000388	2.71	4.07	0.0187	0.000644	29	0.00202	0.00531	0.0000614	0.000214	0.000134	0.0611	0.00000196	0.000648	0.000192	0.00102	0.000563
2040 Dec	0.000123	0.00109	0.0226	0.00000388	2.71	4.07	0.0187	0.000644	29	0.00202	0.00531	0.0000614	0.000214	0.000134	0.0611	0.00000196	0.000648	0.000192	0.00103	0.000563
2041 Jan	0.000123	0.00109	0.0226	0.00000388	2.71	4.07	0.0187	0.000644	29	0.00202	0.00531	0.0000614	0.000214	0.000134	0.0611	0.00000196	0.000648	0.000192	0.00103	0.000563
2041 Feb	0.000123	0.00109	0.0226	0.00000388	2.71	4.07	0.0187	0.000644	29	0.00202	0.00531	0.0000614	0.000214	0.000134	0.0611	0.00000196	0.000648	0.000192	0.00103	0.000563
2041 Mar	0.000123	0.00109	0.0226	0.00000388	2.71	4.07	0.0187	0.000644	29	0.00202	0.00531	0.0000614	0.000214	0.000134	0.0611	0.00000196	0.000648	0.000192	0.00103	0.000563
2041 Apr	0.000123	0.00109	0.0226	0.00000388	2.71	4.08	0.0187	0.000644	29	0.00202	0.00532	0.0000614	0.000214	0.000134	0.0611	0.00000196	0.000648	0.000192	0.00103	0.000563
2041 May	0.000123	0.00109	0.0227	0.00000389	2.71	4.08	0.0188	0.000644	29.1	0.00202	0.00532	0.0000615	0.000214	0.000134	0.0612	0.00000196	0.000649	0.000192	0.00103	0.000563
2041 Jun	0.000123	0.00109	0.0229	0.00000394	2.72	4.09	0.0189	0.000647	29	0.00203	0.00533	0.0000616	0.000216	0.000135	0.0613	0.00000196	0.000652	0.000194	0.00103	0.000566
2041 Jul	0.000123	0.00109	0.023	0.00000399	2.74	4.12	0.019	0.000654	29	0.00205	0.00533	0.0000615	0.000218	0.000136	0.0616	0.00000195	0.00066	0.000196	0.00103	0.000574
2041 Aug	0.000123	0.00109	0.0231	0.00000402	2.75	4.15	0.0191	0.000659	29.2	0.00206	0.00535	0.0000617	0.00022	0.000136	0.0619	0.00000196	0.000665	0.000197	0.00104	0.000578
2041 Sep	0.000123	0.0011	0.0232	0.00000404	2.76	4.17	0.0192	0.000662	29.3	0.00207	0.00536	0.0000618	0.000221	0.000137	0.0621	0.00000196	0.000669	0.000197	0.00104	0.000581
2041 Oct	0.000123	0.0011	0.0232	0.00000405	2.77	4.18	0.0193	0.000664	29.3	0.00207	0.00537	0.0000617	0.000221	0.000137	0.0622	0.00000196	0.00067	0.000198	0.00104	0.000582
2041 Nov	0.000123	0.0011	0.0232	0.00000405	2.77	4.18	0.0193	0.000664	29.3	0.00208	0.00537	0.0000617	0.000221	0.000137	0.0622	0.00000196	0.000671	0.000198	0.00104	0.000583
2041 Dec	0.000124	0.0011	0.0232	0.00000405	2.77	4.18	0.0193	0.000664	29.3	0.00208	0.00537	0.0000617	0.000221	0.000137	0.0622	0.00000196	0.000671	0.000198	0.00104	0.000583
2042 Jan	0.000124	0.0011	0.0232	0.00000405	2.77	4.18	0.0193	0.000664	29.3	0.00208	0.00537	0.0000617	0.000221	0.000137	0.0622	0.00000196	0.000671	0.000198	0.00104	0.000583
2042 Feb	0.000124	0.0011	0.0232	0.00000405	2.77	4.18	0.0193	0.000664	29.3	0.00208	0.00537	0.0000617	0.000221	0.000137	0.0622	0.00000196	0.000671	0.000198	0.00104	0.000583
2042 Mar	0.000124	0.0011	0.0232	0.00000405	2.77	4.18	0.0193	0.000664	29.3	0.00208	0.00537	0.0000617	0.000221	0.000137	0.0622	0.00000196	0.000671	0.000198	0.00104	0.000583
2042 Apr	0.000124	0.0011	0.0232	0.00000405	2.77	4.18	0.0193	0.000664	29.3	0.00208	0.00537	0.0000618	0.000222	0.000137	0.0623	0.00000196	0.000671	0.000198	0.00104	0.000583
2042 May	0.000124	0.0011	0.0233	0.00000406	2.78	4.19	0.0193	0.000665	29.4	0.00208	0.00538	0.0000619	0.000222	0.000138	0.0624	0.00000196	0.000672	0.000198	0.00104	0.000584
2042 Jun	0.000124	0.0011	0.0235	0.0000041	2.78	4.2	0.0194	0.000669	29.4	0.00209	0.00539	0.0000621	0.000224	0.000138	0.0625	0.00000196	0.000676	0.0002	0.00104	0.000587
2042 Jul	0.000124	0.0011	0.0236	0.00000414	2.8	4.23	0.0196	0.000674	29.4	0.0021	0.0054	0.0000621	0.000226	0.000139	0.0628	0.00000196	0.000682	0.000201	0.00105	0.000593
2042 Aug	0.000124	0.0011	0.0237	0.00000418	2.82	4.26	0.0197	0.00068	29.5	0.00212	0.00541	0.000062	0.000228	0.00014	0.0631	0.00000195	0.000689	0.000202	0.00105	0.000598
2042 Sep	0.000124	0.00111	0.0237	0.0000042	2.83	4.27	0.0198	0.000684	29.5	0.00213	0.00541	0.0000619	0.000229	0.00014	0.0632	0.00000195	0.000692	0.000202	0.00105	0.000602
2042 Oct	0.000124	0.00111	0.0237	0.00000422	2.83	4.28	0.0198	0.000686	29.6	0.00213	0.00541	0.0000618	0.000229	0.000141	0.0633	0.00000195	0.000694	0.000203	0.00105	0.000603
2042 Nov	0.000124	0.00111	0.0238	0.00000422	2.83	4.28	0.0198	0.000686	29.6	0.00213	0.00542	0.0000618	0.000229	0.000141	0.0633	0.00000195	0.000694	0.000203	0.00105	0.000604
2042 Dec	0.000124	0.00111	0.0238	0.00000422	2.83	4.28	0.0198	0.000686	29.6	0.00213	0.00542	0.0000618	0.000229	0.000141	0.0633	0.00000195	0.000694	0.000203	0.00105	0.000604
2043 Jan	0.000124	0.00111	0.0238	0.00000422	2.83	4.28	0.0198	0.000686	29.6	0.00213	0.00542	0.0000618	0.000229	0.000141	0.0633	0.00000195	0.000694	0.000203	0.00105	0.000604
2043 Feb	0.000124	0.00111	0.0238	0.00000422	2.83	4.28	0.0198	0.000686	29.6	0.00213	0.00542	0.0000618	0.000229	0.000141	0.0633	0.00000195	0.000694	0.000203	0.00105	0.000604
2043 Mar	0.000124	0.00111	0.0238	0.00000422	2.83	4.28	0.0198	0.000686	29.6	0.00213	0.00542	0.0000618	0.000229	0.000141	0.0633	0.00000195	0.000694	0.000203	0.00105	0.000604
2043 Apr	0.000124	0.00111	0.0238	0.00000422	2.84	4.28	0.0198	0.000686	29.6	0.00214	0.00542	0.0000619	0.000229	0.000141	0.0634	0.00000195	0.000695	0.000203	0.00105	0.000604
2043 May	0.000125	0.00111	0.0239	0.00000423	2.84	4.29	0.0199	0.000687	29.6	0.00214	0.00543	0.0000622	0.00023	0.000141	0.0635	0.00000195	0.000696	0.000203	0.00105	0.000605
2043 Jun	0.000126	0.00111	0.0245	0.00000428	2.85	4.32	0.0203	0.000691	29.6	0.00215	0.00545	0.0000649	0.000232	0.000142	0.0641	0.00000195	0.0007	0.000208	0.00106	0.000608
2043 Jul	0.000127	0.00112	0.0247	0.00000431	2.87	4.35	0.0204	0.000696	29.7	0.00217	0.00547	0.0000651	0.000233	0.000143	0.0644	0.00000196	0.000705	0.000209	0.00106	0.000613
2043 Aug	0.000128	0.00112	0.0248	0.00000434	2.89	4.37	0.0205	0.000701	29.9	0.00218	0.00549	0.0000653	0.000235	0.000143	0.0648	0.00000196	0.000711	0.00021	0.00106	0.000618
2043 Sep	0.000128	0.00112	0.0248	0.00000436	2.9	4.39	0.0206	0.000704	30	0.00219	0.0055	0.0000653	0.000236	0.000144	0.065	0.00000196	0.000714	0.000211	0.00107	0.000621
2043 Oct	0.000128	0.00112	0.0249	0.00000437	2.9	4.4	0.0206	0.000706	30	0.00219	0.00551	0.0000652	0.000236	0.000144	0.065	0.00000196	0.000716	0.000211	0.00107	0.000622
2043 Nov	0.000128	0.00112	0.0249	0.00000438	2.91	4.4	0.0207	0.000706	30	0.00219	0.00551	0.0000652	0.000236	0.000144	0.0651	0.00000196	0.000716	0.000211	0.00107	0.000622
2043 Dec	0.000128	0.00112	0.0249	0.00000438	2.91	4.4	0.0207	0.000706	30	0.00219	0.00551	0.0000652	0.000236	0.000144	0.0651	0.00000196	0.000716	0.000211	0.00107	0.000622
2044 Jan	0.000128	0.00112	0.0249	0.00000438	2.91	4.4	0.0207	0.000706	30	0.00219	0.00551	0.0000652	0.000236	0.000144	0.0651	0.00000196	0.000716	0.000211	0.00107	0.000622
2044 Feb	0.000128	0.00112	0.0249	0.00000438	2.91	4.4	0.0207	0.000706	30	0.00219	0.00551	0.0000652	0.000236	0.000144	0.0651	0.00000196	0.000716	0.000211	0.00107	0.000622
2044 Mar	0.000128	0.00112	0.0249	0.00000438	2.91	4.4	0.0207	0.000706	30	0.00219	0.00551	0.0000652	0.000236	0.000144	0.0651	0.00000196	0.000716	0.000211	0.00107	0.000622
2044 Apr	0.000128	0.00112	0.0249	0.00000438	2.91	4.4	0.0207	0.000707	30	0.00219	0.00551	0.0000652	0.000236	0.000144	0.0651	0.00000196	0.000716	0.000211	0.00107	0.000622
2044 May	0.000128	0.00113	0.0249	0.00000439	2.91	4.41	0.0207	0.000707	30	0.0022	0.00552	0.0000653	0.000237	0.000144	0.0652	0.00000196	0.000717	0.000211	0.00107	0.000623
2044 Jun	0.000128	0.00112	0.0252	0.00000444	2.92	4.42	0.0209	0.000711	30	0.00221	0.00552	0.0000659	0.000239	0.000145	0.0654	0.00000195	0.000722	0.000214	0.00107	0.000627
2044 Jul	0.000129	0.00113	0.0254	0.00000447	2.94	4.45	0.021	0.000716	30.1	0.00222	0.00554	0.0000661	0.000241	0.000146	0.0657	0.00000196	0.000727	0.000216	0.00107	0.000632
2044 Aug	0.000129	0.00113	0.0255	0.0000045	2.96	4.48	0.0211	0.000721	30.2	0.00224	0.00557	0.0000664	0.000242	0.000147	0.0661	0.00000197	0.000732	0.000217	0.00108	0.000637
2044 Sep	0.000129	0.00114	0.0255	0.00000453	2.97	4.5	0.0212	0.000725	30.3	0.00225	0.00557	0.0000662	0.000243	0.000147	0.0662	0.00000196	0.000736	0.000217	0.00108	0.00064
2044 Oct	0.000129	0.00114	0.0256	0.00000454	2.97	4.51	0.0212	0.000727	30.3	0.00225	0.00557	0.0000661	0.000244	0.000147	0.0663	0.00000196	0.000738	0.000217	0.00108	0.000642
2044 Nov	0.000129	0.00114	0.0256	0.00000454	2.97	4.51	0.0213	0.000727	30.3	0.00225	0.00558	0.0000661	0.000244	0.000148	0.0663	0.00000196	0.000738	0.000217	0.00108	0.000642
2044 Dec	0.000129	0.00114	0.0256	0.00000454	2.97	4.51	0.0213	0.000727	30.3	0.00225	0.00558	0.0000661	0.000244	0.000148	0.0663	0.00000196	0.000738	0.000217	0.00108	0.000642
2045 Jan	0.000129	0.00114	0.0256	0.00000454	2.97	4.51	0.0213	0.000727	30.3	0.00225	0.00558	0.0000661	0.000244	0.000148	0.0663	0.00000196	0.000738	0.000217	0.00108	0.000642
2045 Feb	0.000129	0.00114	0.0256	0.00000454	2.97	4.51	0.0213	0.000727	30.3	0.00225	0.00558	0.0000661	0.000244	0.000148	0.0663	0.00000196	0.000738	0.000217	0.00108	0.000642
2045 Mar	0.000129	0.00114	0.0256	0.00000454	2.97	4.51	0.0213	0.000727	30.3	0.00225	0.00558	0.0000661	0.000244	0.000148	0.0663	0.00000196	0.000738	0.000217	0.00108	0.000642
2045 Apr	0.000129	0.00114	0.0256	0.00000454	2.97	4.51	0.0213	0.000727	30.3	0.00225	0.00558	0.0000661	0.000244	0.000148	0.0663	0.00000196	0.000738	0.000217	0.00108	0.000642
2045 May	0.000129	0.00114	0.0256	0.00000455	2.97	4.51	0.0213	0.000728	30.3	0.00226	0.00558	0.0000662	0.000244	0.000148	0.0664	0.00000197	0.000739	0.000218	0.00108	0.000643
2045 Jun	0.000129	0.00114	0.0258	0.00000458	2.98	4.52	0.0214	0.00073	30.3	0.00226	0.00559	0.0000662	0.000246	0.000148	0.0665	0.00000196	0.000742	0.000219	0.00109	0.000645
2045 Jul	0.00013	0.00114	0.0259	0.00000462	3	4.55	0.0215	0.000735	30.4	0.00228	0.00561	0.0000663	0.000248	0.000149	0.0668	0.00000196	0.000747	0.000221	0.00109	0.00065

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Aug	0.00013	0.00115	0.026	0.00000465	3.01	4.57	0.0216	0.00074	30.5	0.00229	0.00563	0.0000665	0.000249	0.00015	0.0671	0.00000197	0.000752	0.000222	0.00109	0.000654
2045 Sep	0.00013	0.00115	0.026	0.00000467	3.02	4.59	0.0217	0.000743	30.6	0.0023	0.00564	0.0000665	0.00025	0.00015	0.0673	0.00000197	0.000756	0.000222	0.0011	0.000657
2045 Oct	0.00013	0.00115	0.0261	0.00000467	3.03	4.6	0.0217	0.000744	30.6	0.0023	0.00564	0.0000665	0.00025	0.00015	0.0673	0.00000197	0.000757	0.000222	0.0011	0.000658
2045 Nov	0.000131	0.00115	0.0261	0.00000468	3.03	4.6	0.0217	0.000744	30.6	0.0023	0.00564	0.0000665	0.00025	0.00015	0.0674	0.00000197	0.000757	0.000222	0.0011	0.000658
2045 Dec	0.000131	0.00115	0.0261	0.00000468	3.03	4.6	0.0217	0.000744	30.6	0.0023	0.00564	0.0000665	0.000251	0.00015	0.0674	0.00000197	0.000757	0.000222	0.0011	0.000658
2046 Jan	0.000131	0.00115	0.0261	0.00000468	3.03	4.6	0.0217	0.000744	30.6	0.0023	0.00564	0.0000665	0.000251	0.00015	0.0674	0.00000197	0.000757	0.000222	0.0011	0.000658
2046 Feb	0.000131	0.00115	0.0261	0.00000468	3.03	4.6	0.0217	0.000744	30.6	0.0023	0.00564	0.0000665	0.000251	0.00015	0.0674	0.00000197	0.000757	0.000222	0.0011	0.000658
2046 Mar	0.000131	0.00115	0.0261	0.00000468	3.03	4.6	0.0217	0.000744	30.6	0.0023	0.00564	0.0000666	0.000251	0.00015	0.0674	0.00000197	0.000757	0.000222	0.0011	0.000659
2046 Apr	0.000131	0.00115	0.0261	0.00000468	3.03	4.6	0.0217	0.000745	30.6	0.0023	0.00564	0.0000666	0.000251	0.000151	0.0674	0.00000197	0.000757	0.000223	0.0011	0.000659
2046 May	0.000131	0.00115	0.0261	0.00000468	3.03	4.61	0.0218	0.000746	30.7	0.00231	0.00565	0.0000667	0.000251	0.000151	0.0675	0.00000198	0.000758	0.000223	0.0011	0.00066
2046 Jun	0.000131	0.00115	0.0264	0.00000473	3.04	4.62	0.0219	0.000748	30.6	0.00231	0.00566	0.0000669	0.000253	0.000151	0.0676	0.00000197	0.000762	0.000225	0.0011	0.000662
2046 Jul	0.000131	0.00115	0.0265	0.00000478	3.05	4.64	0.022	0.000753	30.6	0.00233	0.00566	0.0000668	0.000255	0.000152	0.0678	0.00000196	0.000768	0.000226	0.0011	0.000668
2046 Aug	0.000131	0.00115	0.0266	0.0000048	3.07	4.67	0.0221	0.000758	30.8	0.00234	0.00568	0.000067	0.000256	0.000153	0.0681	0.00000197	0.000773	0.000227	0.00111	0.000672
2046 Sep	0.000131	0.00116	0.0266	0.00000483	3.08	4.68	0.0222	0.000762	30.8	0.00235	0.00568	0.0000668	0.000257	0.000153	0.0683	0.00000197	0.000776	0.000228	0.00111	0.000676
2046 Oct	0.000131	0.00116	0.0266	0.00000484	3.09	4.69	0.0222	0.000763	30.8	0.00235	0.00569	0.0000667	0.000258	0.000153	0.0683	0.00000196	0.000778	0.000228	0.00111	0.000677
2046 Nov	0.000131	0.00116	0.0266	0.00000484	3.09	4.69	0.0222	0.000764	30.8	0.00236	0.00569	0.0000667	0.000258	0.000153	0.0683	0.00000196	0.000778	0.000228	0.00111	0.000677
2046 Dec	0.000131	0.00116	0.0266	0.00000484	3.09	4.69	0.0222	0.000764	30.8	0.00236	0.00569	0.0000667	0.000258	0.000153	0.0683	0.00000196	0.000778	0.000228	0.00111	0.000677
2047 Jan	0.000131	0.00116	0.0266	0.00000484	3.09	4.69	0.0222	0.000764	30.8	0.00236	0.00569	0.0000667	0.000258	0.000153	0.0683	0.00000196	0.000778	0.000228	0.00111	0.000677
2047 Feb	0.000131	0.00116	0.0266	0.00000484	3.09	4.69	0.0222	0.000764	30.8	0.00236	0.00569	0.0000667	0.000258	0.000153	0.0683	0.00000196	0.000778	0.000228	0.00111	0.000677
2047 Mar	0.000131	0.00116	0.0266	0.00000484	3.09	4.69	0.0222	0.000764	30.8	0.00236	0.00569	0.0000667	0.000258	0.000153	0.0684	0.00000196	0.000779	0.000228	0.00111	0.000677
2047 Apr	0.000131	0.00116	0.0267	0.00000484	3.09	4.69	0.0222	0.000764	30.8	0.00236	0.00569	0.0000667	0.000258	0.000153	0.0684	0.00000196	0.000779	0.000228	0.00111	0.000678
2047 May	0.000132	0.00116	0.0268	0.00000485	3.09	4.7	0.0223	0.000765	30.9	0.00236	0.0057	0.0000673	0.000258	0.000154	0.0685	0.00000197	0.00078	0.000229	0.00111	0.000678
2047 Jun	0.000133	0.00116	0.0274	0.0000049	3.1	4.73	0.0227	0.000769	30.8	0.00237	0.00571	0.0000701	0.00026	0.000154	0.0691	0.00000196	0.000784	0.000233	0.00111	0.000682
2047 Jul	0.000134	0.00116	0.0276	0.00000493	3.12	4.75	0.0229	0.000773	31	0.00239	0.00574	0.0000704	0.000262	0.000155	0.0694	0.00000197	0.000789	0.000235	0.00112	0.000686
2047 Aug	0.000135	0.00117	0.0277	0.00000496	3.14	4.78	0.023	0.000778	31.1	0.0024	0.00576	0.0000706	0.000263	0.000156	0.0698	0.00000197	0.000794	0.000236	0.00112	0.000691
2047 Sep	0.000135	0.00117	0.0277	0.00000498	3.15	4.8	0.0231	0.000782	31.2	0.00241	0.00576	0.0000705	0.000265	0.000157	0.0699	0.00000197	0.000798	0.000236	0.00112	0.000694
2047 Oct	0.000135	0.00117	0.0277	0.00000499	3.15	4.81	0.0231	0.000784	31.2	0.00241	0.00576	0.0000704	0.000265	0.000157	0.07	0.00000197	0.0008	0.000236	0.00112	0.000696
2047 Nov	0.000135	0.00117	0.0278	0.00000499	3.16	4.81	0.0231	0.000784	31.2	0.00241	0.00577	0.0000703	0.000265	0.000157	0.07	0.00000197	0.0008	0.000236	0.00112	0.000696
2047 Dec	0.000135	0.00117	0.0278	0.00000499	3.16	4.81	0.0231	0.000784	31.2	0.00241	0.00577	0.0000703	0.000265	0.000157	0.07	0.00000197	0.0008	0.000236	0.00112	0.000696
2048 Jan	0.000135	0.00117	0.0278	0.00000499	3.16	4.81	0.0231	0.000784	31.2	0.00241	0.00577	0.0000703	0.000265	0.000157	0.07	0.00000197	0.0008	0.000236	0.00112	0.000696
2048 Feb	0.000135	0.00117	0.0278	0.00000499	3.16	4.81	0.0231	0.000784	31.2	0.00241	0.00577	0.0000703	0.000265	0.000157	0.07	0.00000197	0.0008	0.000236	0.00112	0.000696
2048 Mar	0.000135	0.00117	0.0278	0.00000499	3.16	4.81	0.0231	0.000784	31.2	0.00241	0.00577	0.0000703	0.000265	0.000157	0.07	0.00000197	0.0008	0.000236	0.00112	0.000696
2048 Apr	0.000135	0.00117	0.0278	0.00000499	3.16	4.81	0.0231	0.000784	31.2	0.00242	0.00577	0.0000704	0.000265	0.000157	0.07	0.00000197	0.0008	0.000237	0.00112	0.000696
2048 May	0.000135	0.00117	0.0278	0.000005	3.16	4.82	0.0231	0.000785	31.2	0.00242	0.00578	0.0000705	0.000266	0.000157	0.0701	0.00000197	0.000801	0.000237	0.00112	0.000697
2048 Jun	0.000135	0.00117	0.0279	0.00000504	3.17	4.83	0.0232	0.000788	31.2	0.00243	0.00578	0.0000703	0.000267	0.000158	0.0702	0.00000197	0.000805	0.000238	0.00113	0.0007
2048 Jul	0.000135	0.00117	0.0281	0.00000509	3.18	4.85	0.0233	0.000793	31.2	0.00244	0.00579	0.0000703	0.000269	0.000158	0.0704	0.00000196	0.00081	0.00024	0.00113	0.000705
2048 Aug	0.000135	0.00118	0.0282	0.00000512	3.2	4.88	0.0235	0.000798	31.3	0.00245	0.0058	0.0000704	0.000271	0.000159	0.0707	0.00000197	0.000816	0.000241	0.00113	0.00071
2048 Sep	0.000135	0.00118	0.0282	0.00000514	3.21	4.89	0.0235	0.000801	31.4	0.00246	0.00581	0.0000704	0.000272	0.00016	0.0709	0.00000197	0.000819	0.000241	0.00113	0.000713
2048 Oct	0.000135	0.00118	0.0282	0.00000515	3.21	4.9	0.0236	0.000803	31.4	0.00247	0.00581	0.0000703	0.000272	0.00016	0.071	0.00000196	0.000821	0.000242	0.00113	0.000715
2048 Nov	0.000135	0.00118	0.0283	0.00000515	3.21	4.9	0.0236	0.000803	31.4	0.00247	0.00581	0.0000703	0.000272	0.00016	0.071	0.00000196	0.000821	0.000242	0.00113	0.000715
2048 Dec	0.000135	0.00118	0.0283	0.00000515	3.21	4.9	0.0236	0.000803	31.4	0.00247	0.00581	0.0000703	0.000272	0.00016	0.071	0.00000196	0.000821	0.000242	0.00113	0.000715
2049 Jan	0.000135	0.00118	0.0283	0.00000515	3.21	4.9	0.0236	0.000803	31.4	0.00247	0.00581	0.0000703	0.000272	0.00016	0.071	0.00000196	0.000821	0.000242	0.00113	0.000715
2049 Feb	0.000135	0.00118	0.0283	0.00000515	3.21	4.9	0.0236	0.000803	31.4	0.00247	0.00581	0.0000703	0.000272	0.00016	0.071	0.00000196	0.000821	0.000242	0.00113	0.000715
2049 Mar	0.000135	0.00118	0.0283	0.00000515	3.21	4.9	0.0236	0.000803	31.4	0.00247	0.00581	0.0000703	0.000272	0.00016	0.071	0.00000196	0.000821	0.000242	0.00113	0.000715
2049 Apr	0.000135	0.00118	0.0283	0.00000515	3.21	4.9	0.0236	0.000803	31.4	0.00247	0.00582	0.0000703	0.000272	0.00016	0.071	0.00000196	0.000821	0.000242	0.00113	0.000715
2049 May	0.000135	0.00118	0.0283	0.00000516	3.22	4.91	0.0236	0.000805	31.5	0.00247	0.00582	0.0000704	0.000273	0.00016	0.0711	0.00000197	0.000823	0.000242	0.00114	0.000716
2049 Jun	0.000135	0.00118	0.0285	0.0000052	3.22	4.92	0.0237	0.000807	31.4	0.00248	0.00582	0.0000705	0.000274	0.00016	0.0712	0.00000196	0.000826	0.000244	0.00114	0.000719
2049 Jul	0.000135	0.00118	0.0286	0.00000524	3.24	4.94	0.0238	0.000812	31.5	0.00249	0.00584	0.0000706	0.000276	0.000161	0.0714	0.00000196	0.000831	0.000245	0.00114	0.000724
2049 Aug	0.000136	0.00119	0.0288	0.00000527	3.26	4.97	0.024	0.000817	31.6	0.00251	0.00586	0.0000709	0.000278	0.000162	0.0718	0.00000197	0.000836	0.000247	0.00115	0.000728
2049 Sep	0.000136	0.00119	0.0288	0.00000529	3.27	4.99	0.024	0.00082	31.7	0.00252	0.00587	0.0000708	0.000279	0.000163	0.072	0.00000197	0.00084	0.000247	0.00115	0.000732
2049 Oct	0.000136	0.00119	0.0288	0.00000531	3.27	5	0.0241	0.000822	31.7	0.00252	0.00587	0.0000706	0.00028	0.000163	0.072	0.00000196	0.000842	0.000247	0.00115	0.000733
2049 Nov	0.000136	0.00119	0.0288	0.00000531	3.27	5	0.0241	0.000823	31.7	0.00252	0.00587	0.0000706	0.00028	0.000163	0.0721	0.00000196	0.000843	0.000247	0.00115	0.000734
2049 Dec	0.000136	0.00119	0.0288	0.00000531	3.27	5	0.0241	0.000823	31.7	0.00252	0.00587	0.0000706	0.00028	0.000163	0.0721	0.00000196	0.000843	0.000247	0.00115	0.000734
2050 Jan	0.000136	0.00119	0.0288	0.00000531	3.27	5	0.0241	0.000823	31.7	0.00252	0.00587	0.0000706	0.00028	0.000163	0.0721	0.00000196	0.000843	0.000247	0.00115	0.000734
2050 Feb	0.000136	0.00119	0.0288	0.00000531	3.27	5	0.0241	0.000823	31.7	0.00252	0.00587	0.0000706	0.00028	0.000163	0.0721	0.00000196	0.000843	0.000247	0.00115	0.000734
2050 Mar	0.000136	0.00119	0.0288	0.00000531	3.27	5	0.0241	0.000823	31.7	0.00252	0.00587	0.0000706	0.00028	0.000163	0.0721	0.00000196	0.000843	0.000247	0.00115	0.000734
2050 Apr	0.000136	0.00119	0.0288	0.00000531	3.28	5	0.0241	0.000823	31.7	0.00252	0.00587	0.0000706	0.00028	0.000163	0.0721	0.00000196	0.000843	0.000247	0.00115	0.000734
2050 May	0.000136	0.00119	0.0289	0.00000532	3.28	5.01	0.0241	0.000824	31.7	0.00253	0.00588	0.0000707	0.00028	0.000163	0.0722	0.00000197	0.000844	0.000248	0.00115	0.000735
2050 Jun	0.000137	0.00119	0.0292	0.00000535	3.28	5.02	0.0243	0.000826	31.7	0.00253	0.00589	0.0000714	0.000281	0.000163	0.0723	0.00000196	0.000846	0.00025	0.00115	0.000737
2050 Jul	0.000137	0.00119	0.0292	0.00000539	3.3	5.04	0.0244	0.000831	31.7	0.00255	0.00589	0.0000713	0.000283	0.000164	0.0725	0.00000196	0.000852	0.000251	0.00115	0.000742
2050 Aug	0.000137	0.0012	0.0294	0.00000542	3.31	5.07	0.0245	0.000835	31.8	0.00256	0.00591	0.0000715	0.000285	0.000165	0.0728	0.00000196	0.000857	0.000252	0.00116	0.000746
2050 Sep	0.000137	0.0012	0.0294	0.00000544	3.32	5.08	0.0246	0.000838	31.9	0.00257	0.00592	0.0000715	0.000286	0.000166	0.073	0.00000196	0.00086	0.000252	0.00116	0.000749
2050 Oct	0.000137	0.0012	0.0294	0.00000544	3.33	5.09	0.0246	0.00084	31.9	0.00257	0.00592	0.0000715	0.000286	0.000166	0.0731	0.00000196	0.000861	0.000253	0.00116	0.00075
2050 Nov	0.000138	0.0012	0.0294	0.00000545	3.33	5.09	0.0246	0.00084	31.9	0.00257	0.00592	0.0000715	0.000286	0.000166	0.0731	0.00000196	0.000862	0.000253	0.00116	0.00075
2050 Dec	0.000138	0.0012	0.0294	0.00000545	3.33	5.09	0.0246	0.00084	31.9	0.00257	0.00592	0.0000715	0.000286	0.000166	0.0731	0.00000196	0.000862	0.000253	0.00116	0.00075
2051 Jan	0.000138	0.0012	0.0294	0.00000545	3.33	5.09	0.0246	0.00084	31.9	0.00257	0.00592	0.0000715	0.000286	0.000166	0.0731	0.00000196	0.000862	0.000253	0.00116	0.00075
2051 Feb	0.000138	0.0012	0.0294	0.00000545	3.33	5.09	0.0246	0.00084	31.9	0.00257	0.00592	0.0000715	0.000286	0.000166	0.0731	0.00000196	0.000862	0.000253	0.00116	0.00075

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2051 Mar	0.000138	0.0012	0.0294	0.00000545	3.33	5.09	0.0246	0.00084	31.9	0.00257	0.00592	0.0000715	0.000286	0.000166	0.0731	0.00000196	0.000862	0.000253	0.00116	0.00075
2051 Apr	0.000138	0.0012	0.0294	0.00000545	3.33	5.09	0.0246	0.00084	32	0.00257	0.00593	0.0000715	0.000286	0.000166	0.0731	0.00000196	0.000862	0.000253	0.00116	0.000751
2051 May	0.000138	0.0012	0.0295	0.00000546	3.33	5.1	0.0247	0.000841	32	0.00258	0.00593	0.0000718	0.000287	0.000166	0.0732	0.00000197	0.000863	0.000253	0.00116	0.000752
2051 Jun	0.000139	0.0012	0.0301	0.0000055	3.34	5.11	0.025	0.000843	31.9	0.00258	0.00594	0.0000738	0.000288	0.000166	0.0735	0.00000195	0.000865	0.000257	0.00116	0.000753
2051 Jul	0.000139	0.0012	0.0302	0.00000554	3.36	5.14	0.0251	0.000849	32	0.0026	0.00595	0.0000738	0.000291	0.000167	0.0738	0.00000196	0.000872	0.000259	0.00117	0.000759
2051 Aug	0.000139	0.00121	0.0303	0.00000557	3.38	5.17	0.0252	0.000854	32.1	0.00261	0.00597	0.0000739	0.000292	0.000168	0.0741	0.00000196	0.000877	0.00026	0.00117	0.000764
2051 Sep	0.000139	0.00121	0.0303	0.0000056	3.39	5.19	0.0253	0.000858	32.1	0.00262	0.00597	0.0000737	0.000293	0.000169	0.0743	0.00000196	0.000881	0.00026	0.00117	0.000768
2051 Oct	0.000139	0.00121	0.0303	0.00000561	3.39	5.19	0.0253	0.00086	32.1	0.00263	0.00597	0.0000733	0.000293	0.000169	0.0743	0.00000195	0.000883	0.00026	0.00117	0.000769
2051 Nov	0.000139	0.00121	0.0303	0.00000561	3.39	5.19	0.0253	0.00086	32.1	0.00263	0.00597	0.0000733	0.000294	0.000169	0.0743	0.00000195	0.000883	0.00026	0.00117	0.000769
2051 Dec	0.000139	0.00121	0.0303	0.00000561	3.39	5.19	0.0253	0.00086	32.1	0.00263	0.00597	0.0000733	0.000294	0.000169	0.0743	0.00000195	0.000883	0.00026	0.00117	0.000769
2052 Jan	0.000139	0.00121	0.0303	0.00000561	3.39	5.19	0.0253	0.00086	32.1	0.00263	0.00597	0.0000733	0.000294	0.000169	0.0743	0.00000195	0.000883	0.00026	0.00117	0.000769
2052 Feb	0.000139	0.00121	0.0303	0.00000561	3.39	5.19	0.0253	0.00086	32.1	0.00263	0.00597	0.0000733	0.000294	0.000169	0.0743	0.00000195	0.000883	0.00026	0.00117	0.00077
2052 Mar	0.000139	0.00121	0.0303	0.00000561	3.39	5.19	0.0253	0.00086	32.1	0.00263	0.00597	0.0000733	0.000294	0.000169	0.0743	0.00000195	0.000883	0.00026	0.00117	0.00077
2052 Apr	0.000139	0.00121	0.0303	0.00000562	3.39	5.19	0.0253	0.000861	32.1	0.00263	0.00597	0.0000734	0.000294	0.000169	0.0744	0.00000195	0.000884	0.00026	0.00117	0.00077
2052 May	0.00014	0.00121	0.0305	0.00000562	3.39	5.2	0.0254	0.000862	32.1	0.00263	0.00598	0.0000739	0.000294	0.000169	0.0745	0.00000195	0.000885	0.000261	0.00117	0.000771
2052 Jun	0.000141	0.00121	0.0309	0.00000566	3.4	5.22	0.0257	0.000864	32.1	0.00264	0.00599	0.0000756	0.000295	0.00017	0.0749	0.00000195	0.000888	0.000264	0.00117	0.000773
2052 Jul	0.000141	0.00122	0.031	0.0000057	3.42	5.25	0.0258	0.00087	32.3	0.00266	0.00601	0.0000757	0.000297	0.000171	0.0752	0.00000195	0.000894	0.000265	0.00118	0.000779
2052 Aug	0.000142	0.00122	0.0311	0.00000573	3.44	5.28	0.0259	0.000875	32.4	0.00267	0.00603	0.0000758	0.000299	0.000172	0.0755	0.00000195	0.000899	0.000266	0.00118	0.000784
2052 Sep	0.000142	0.00122	0.0311	0.00000575	3.45	5.29	0.026	0.000878	32.4	0.00268	0.00603	0.0000757	0.0003	0.000172	0.0757	0.00000195	0.000903	0.000266	0.00118	0.000787
2052 Oct	0.000142	0.00122	0.0312	0.00000576	3.45	5.3	0.026	0.00088	32.5	0.00268	0.00603	0.0000757	0.0003	0.000172	0.0758	0.00000195	0.000904	0.000266	0.00118	0.000788
2052 Nov	0.000142	0.00122	0.0312	0.00000576	3.45	5.3	0.026	0.00088	32.5	0.00268	0.00604	0.0000757	0.0003	0.000172	0.0758	0.00000195	0.000905	0.000266	0.00118	0.000788
2052 Dec	0.000142	0.00122	0.0312	0.00000576	3.45	5.3	0.026	0.00088	32.5	0.00268	0.00604	0.0000757	0.0003	0.000172	0.0758	0.00000195	0.000905	0.000266	0.00118	0.000788
2053 Jan	0.000142	0.00122	0.0312	0.00000576	3.45	5.3	0.026	0.00088	32.5	0.00268	0.00604	0.0000757	0.0003	0.000172	0.0758	0.00000195	0.000905	0.000266	0.00118	0.000788
2053 Feb	0.000142	0.00122	0.0312	0.00000576	3.45	5.3	0.026	0.00088	32.5	0.00268	0.00604	0.0000757	0.0003	0.000172	0.0758	0.00000195	0.000905	0.000266	0.00118	0.000788
2053 Mar	0.000142	0.00122	0.0312	0.00000576	3.46	5.3	0.026	0.00088	32.5	0.00268	0.00604	0.0000758	0.0003	0.000172	0.0758	0.00000195	0.000905	0.000266	0.00118	0.000788
2053 Apr	0.000142	0.00122	0.0312	0.00000576	3.46	5.3	0.0261	0.000881	32.5	0.00268	0.00604	0.0000758	0.000301	0.000172	0.0758	0.00000196	0.000905	0.000267	0.00118	0.000789
2053 May	0.000143	0.00122	0.0315	0.00000577	3.46	5.31	0.0262	0.000881	32.5	0.00269	0.00605	0.0000771	0.000301	0.000173	0.0761	0.00000196	0.000906	0.000268	0.00118	0.000789
2053 Jun	0.000144	0.00122	0.0321	0.00000581	3.47	5.33	0.0266	0.000884	32.4	0.0027	0.00606	0.0000799	0.000303	0.000173	0.0765	0.00000195	0.000909	0.000273	0.00118	0.000792
2053 Jul	0.000145	0.00123	0.0322	0.00000585	3.49	5.36	0.0268	0.000889	32.6	0.00271	0.00608	0.0000801	0.000305	0.000174	0.0769	0.00000195	0.000915	0.000274	0.00119	0.000797
2053 Aug	0.000145	0.00124	0.0324	0.00000588	3.51	5.39	0.0269	0.000895	32.7	0.00273	0.0061	0.0000804	0.000306	0.000175	0.0773	0.00000196	0.000921	0.000275	0.00119	0.000802
2053 Sep	0.000146	0.00124	0.0324	0.0000059	3.52	5.41	0.027	0.000898	32.8	0.00274	0.00612	0.0000806	0.000307	0.000176	0.0775	0.00000196	0.000924	0.000276	0.0012	0.000805
2053 Oct	0.000146	0.00124	0.0325	0.00000591	3.53	5.42	0.027	0.0009	32.9	0.00274	0.00612	0.0000806	0.000308	0.000176	0.0776	0.00000196	0.000926	0.000276	0.0012	0.000807
2053 Nov	0.000146	0.00124	0.0325	0.00000591	3.53	5.42	0.027	0.0009	32.9	0.00274	0.00613	0.0000806	0.000308	0.000176	0.0776	0.00000196	0.000926	0.000276	0.0012	0.000807
2053 Dec	0.000146	0.00124	0.0325	0.00000591	3.53	5.42	0.027	0.0009	32.9	0.00274	0.00613	0.0000806	0.000308	0.000176	0.0776	0.00000196	0.000926	0.000276	0.0012	0.000807
2054 Jan	0.000146	0.00124	0.0325	0.00000591	3.53	5.42	0.027	0.0009	32.9	0.00274	0.00613	0.0000806	0.000308	0.000176	0.0776	0.00000197	0.000926	0.000276	0.0012	0.000807
2054 Feb	0.000146	0.00124	0.0325	0.00000591	3.53	5.42	0.027	0.0009	32.9	0.00274	0.00613	0.0000806	0.000308	0.000176	0.0776	0.00000197	0.000926	0.000276	0.0012	0.000807
2054 Mar	0.000146	0.00124	0.0325	0.00000591	3.53	5.42	0.027	0.0009	32.9	0.00274	0.00613	0.0000806	0.000308	0.000176	0.0776	0.00000197	0.000926	0.000276	0.0012	0.000807
2054 Apr	0.000146	0.00124	0.0325	0.00000591	3.53	5.42	0.027	0.0009	32.9	0.00274	0.00613	0.0000806	0.000308	0.000176	0.0777	0.00000197	0.000926	0.000276	0.0012	0.000807
2054 May	0.000146	0.00124	0.0326	0.00000592	3.53	5.43	0.0271	0.000901	32.9	0.00275	0.00614	0.000081	0.000308	0.000176	0.0778	0.00000197	0.000928	0.000277	0.0012	0.000808
2054 Jun	0.000147	0.00124	0.0331	0.00000595	3.54	5.45	0.0274	0.000903	32.9	0.00276	0.00614	0.000083	0.00031	0.000177	0.0781	0.00000196	0.00093	0.000281	0.0012	0.00081
2054 Jul	0.000148	0.00124	0.0331	0.00000599	3.55	5.47	0.0275	0.000908	32.9	0.00277	0.00614	0.000083	0.000312	0.000177	0.0783	0.00000196	0.000936	0.000282	0.0012	0.000815
2054 Aug	0.000148	0.00125	0.0332	0.00000602	3.57	5.5	0.0276	0.000913	33	0.00278	0.00616	0.000083	0.000313	0.000178	0.0786	0.00000196	0.000941	0.000282	0.0012	0.00082
2054 Sep	0.000148	0.00125	0.0333	0.00000604	3.58	5.51	0.0277	0.000917	33.1	0.00279	0.00616	0.000083	0.000314	0.000179	0.0788	0.00000196	0.000945	0.000283	0.0012	0.000823
2054 Oct	0.000148	0.00125	0.0333	0.00000605	3.58	5.52	0.0277	0.000918	33.1	0.00279	0.00617	0.0000828	0.000314	0.000179	0.0789	0.00000196	0.000946	0.000283	0.0012	0.000824
2054 Nov	0.000148	0.00125	0.0333	0.00000605	3.58	5.52	0.0277	0.000918	33.1	0.0028	0.00617	0.0000828	0.000315	0.000179	0.0789	0.00000196	0.000946	0.000283	0.0012	0.000825
2054 Dec	0.000148	0.00125	0.0333	0.00000605	3.58	5.52	0.0277	0.000919	33.1	0.0028	0.00617	0.0000828	0.000315	0.000179	0.0789	0.00000196	0.000946	0.000283	0.0012	0.000825
2055 Jan	0.000148	0.00125	0.0333	0.00000605	3.58	5.52	0.0277	0.000919	33.1	0.0028	0.00617	0.0000828	0.000315	0.000179	0.0789	0.00000196	0.000946	0.000283	0.0012	0.000825
2055 Feb	0.000148	0.00125	0.0333	0.00000605	3.58	5.52	0.0277	0.000919	33.1	0.0028	0.00617	0.0000828	0.000315	0.000179	0.0789	0.00000196	0.000946	0.000283	0.0012	0.000825
2055 Mar	0.000148	0.00125	0.0333	0.00000605	3.58	5.52	0.0277	0.000919	33.1	0.0028	0.00617	0.0000828	0.000315	0.000179	0.0789	0.00000196	0.000946	0.000283	0.0012	0.000825
2055 Apr	0.000148	0.00125	0.0333	0.00000605	3.59	5.52	0.0277	0.000919	33.1	0.0028	0.00617	0.0000828	0.000315	0.000179	0.0789	0.00000196	0.000947	0.000283	0.0012	0.000825
2055 May	0.000148	0.00125	0.0333	0.00000606	3.59	5.53	0.0278	0.00092	33.2	0.0028	0.00617	0.0000829	0.000315	0.000179	0.079	0.00000196	0.000948	0.000283	0.00121	0.000826
2055 Jun	0.000148	0.00125	0.0334	0.00000609	3.59	5.53	0.0278	0.00092	33	0.0028	0.00617	0.0000827	0.000316	0.000179	0.0789	0.00000195	0.000949	0.000285	0.00121	0.000827
2055 Jul	0.000148	0.00125	0.0335	0.00000613	3.6	5.55	0.0279	0.000925	33.1	0.00282	0.00619	0.0000827	0.000318	0.00018	0.0792	0.00000195	0.000954	0.000286	0.00121	0.000832
2055 Aug	0.000148	0.00126	0.0337	0.00000616	3.62	5.58	0.0281	0.00093	33.3	0.00283	0.00621	0.0000829	0.00032	0.000181	0.0795	0.00000196	0.00096	0.000287	0.00122	0.000837
2055 Sep	0.000149	0.00126	0.0337	0.00000618	3.63	5.6	0.0281	0.000934	33.3	0.00284	0.00621	0.0000829	0.000321	0.000181	0.0797	0.00000196	0.000963	0.000287	0.00122	0.00084
2055 Oct	0.000149	0.00126	0.0337	0.00000619	3.64	5.6	0.0282	0.000935	33.3	0.00284	0.00622	0.0000829	0.000321	0.000182	0.0798	0.00000196	0.000965	0.000288	0.00122	0.000841
2055 Nov	0.000149	0.00126	0.0337	0.00000619	3.64	5.6	0.0282	0.000935	33.4	0.00284	0.00622	0.0000829	0.000321	0.000182	0.0798	0.00000196	0.000965	0.000288	0.00122	0.000841
2055 Dec	0.000149	0.00126	0.0337	0.00000619	3.64	5.61	0.0282	0.000935	33.4	0.00284	0.00622	0.0000829	0.000321	0.000182	0.0798	0.00000196	0.000965	0.000288	0.00122	0.000841
2056 Jan	0.000149	0.00126	0.0337	0.00000619	3.64	5.61	0.0282	0.000935	33.4	0.00284	0.00622	0.0000829	0.000321	0.000182	0.0798	0.00000196	0.000965	0.000288	0.00122	0.000841
2056 Feb	0.000149	0.00126	0.0337	0.00000619	3.64	5.61	0.0282	0.000935	33.4	0.00284	0.00622	0.0000829	0.000321	0.000182	0.0798	0.00000196	0.000965	0.000288	0.00122	0.000841
2056 Mar	0.000149	0.00126	0.0337	0.00000619	3.64	5.61	0.0282	0.000935	33.4	0.00284	0.00622	0.0000829	0.000321	0.000182	0.0798	0.00000196	0.000965	0.000288	0.00122	0.000841
2056 Apr	0.000149	0.00126	0.0337	0.00000619	3.64	5.61	0.0282	0.000936	33.4	0.00284	0.00622	0.0000829	0.000321	0.000182	0.0798	0.00000196	0.000965	0.000288	0.00122	0.000841
2056 May	0.000149	0.00126	0.034	0.0000062	3.64	5.62	0.0283	0.000937	33.4	0.00285	0.00623	0.0000838	0.000322	0.000182	0.08	0.00000196	0.000966	0.000289	0.00122	0.000842
2056 Jun	0.000151	0.00126	0.0346	0.00000624	3.65	5.63	0.0287	0.000939	33.3	0.00286	0.00624	0.0000866	0.000323	0.000183	0.0805	0.00000195	0.000969	0.000293	0.00122	0.000845
2056 Jul	0.000152	0.00127	0.0347	0.00000627	3.67	5.66	0.0288	0.000944	33.5	0.00287	0.00626	0.0000869	0.000325	0.000184	0.0808	0.00000196	0.000975	0.000295	0.00123	0.00085
2056 Aug	0.000152	0.00127	0.0348	0.0000063	3.69	5.69	0.029	0.000949	33.6	0.00289	0.00628	0.000087	0.000327	0.000184	0.0812	0.00000196	0.00098	0.000296	0.00123	0.000855
2056 Sep	0.000152	0.00127	0.0349	0.00000632	3.7	5.71	0.029	0.000953	33.7	0.0029	0.00629	0.0000871	0.000328	0.000185	0.0814	0.00000197	0.000984	0.000296	0.00123	0.000858

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.000152	0.00127	0.0349	0.00000633	3.7	5.72	0.0291	0.000954	33.7	0.0029	0.00629	0.000087	0.000328	0.000185	0.0814	0.00000196	0.000986	0.000297	0.00123	0.000859
2056 Nov	0.000152	0.00127	0.0349	0.00000633	3.71	5.72	0.0291	0.000955	33.7	0.0029	0.00629	0.000087	0.000328	0.000185	0.0815	0.00000196	0.000986	0.000297	0.00123	0.00086
2056 Dec	0.000152	0.00127	0.0349	0.00000633	3.71	5.72	0.0291	0.000955	33.7	0.0029	0.00629	0.000087	0.000328	0.000185	0.0815	0.00000196	0.000986	0.000297	0.00123	0.00086
2057 Jan	0.000152	0.00127	0.0349	0.00000633	3.71	5.72	0.0291	0.000955	33.7	0.0029	0.00629	0.000087	0.000328	0.000185	0.0815	0.00000196	0.000986	0.000297	0.00123	0.00086
2057 Feb	0.000152	0.00127	0.0349	0.00000633	3.71	5.72	0.0291	0.000955	33.7	0.0029	0.00629	0.000087	0.000328	0.000185	0.0815	0.00000196	0.000986	0.000297	0.00123	0.00086
2057 Mar	0.000152	0.00127	0.0349	0.00000634	3.71	5.72	0.0291	0.000955	33.7	0.0029	0.00629	0.000087	0.000328	0.000185	0.0815	0.00000196	0.000986	0.000297	0.00123	0.00086
2057 Apr	0.000152	0.00127	0.0349	0.00000634	3.71	5.72	0.0291	0.000955	33.7	0.0029	0.0063	0.000087	0.000328	0.000185	0.0815	0.00000196	0.000986	0.000297	0.00123	0.00086
2057 May	0.000153	0.00128	0.035	0.00000635	3.71	5.73	0.0291	0.000956	33.8	0.00291	0.00631	0.0000873	0.000329	0.000186	0.0816	0.00000197	0.000988	0.000297	0.00123	0.000861
2057 Jun	0.000153	0.00127	0.0354	0.00000638	3.72	5.74	0.0294	0.000958	33.7	0.00291	0.00631	0.0000889	0.00033	0.000186	0.0819	0.00000196	0.000989	0.0003	0.00123	0.000863
2057 Jul	0.000154	0.00128	0.0355	0.00000642	3.73	5.77	0.0295	0.000963	33.8	0.00293	0.00633	0.0000891	0.000332	0.000187	0.0822	0.00000196	0.000995	0.000302	0.00124	0.000868
2057 Aug	0.000155	0.00129	0.0357	0.00000646	3.76	5.8	0.0297	0.000969	34	0.00295	0.00636	0.0000895	0.000334	0.000188	0.0827	0.00000197	0.001	0.000303	0.00125	0.000874
2057 Sep	0.000155	0.00129	0.0358	0.00000648	3.77	5.82	0.0298	0.000973	34.1	0.00296	0.00637	0.0000896	0.000335	0.000189	0.0829	0.00000197	0.00101	0.000304	0.00125	0.000877
2057 Oct	0.000155	0.00129	0.0358	0.00000649	3.77	5.83	0.0298	0.000975	34.1	0.00296	0.00637	0.0000896	0.000336	0.000189	0.083	0.00000197	0.00101	0.000304	0.00125	0.000878
2057 Nov	0.000155	0.00129	0.0358	0.00000649	3.78	5.83	0.0298	0.000975	34.1	0.00296	0.00638	0.0000896	0.000336	0.000189	0.083	0.00000197	0.00101	0.000304	0.00125	0.000879
2057 Dec	0.000155	0.00129	0.0358	0.00000649	3.78	5.83	0.0298	0.000975	34.1	0.00296	0.00638	0.0000896	0.000336	0.000189	0.083	0.00000197	0.00101	0.000304	0.00125	0.000879
2058 Jan	0.000155	0.00129	0.0358	0.00000649	3.78	5.83	0.0298	0.000975	34.1	0.00296	0.00638	0.0000896	0.000336	0.000189	0.083	0.00000197	0.00101	0.000304	0.00125	0.000879
2058 Feb	0.000155	0.00129	0.0358	0.00000649	3.78	5.83	0.0298	0.000975	34.1	0.00296	0.00638	0.0000896	0.000336	0.000189	0.083	0.00000197	0.00101	0.000304	0.00125	0.000879
2058 Mar	0.000155	0.00129	0.0358	0.00000649	3.78	5.83	0.0298	0.000975	34.1	0.00296	0.00638	0.0000896	0.000336	0.000189	0.083	0.00000197	0.00101	0.000304	0.00125	0.000879
2058 Apr	0.000155	0.00129	0.0358	0.00000649	3.78	5.83	0.0298	0.000975	34.1	0.00296	0.00638	0.0000896	0.000336	0.000189	0.083	0.00000197	0.00101	0.000305	0.00125	0.000879
2058 May	0.000156	0.00129	0.0361	0.0000065	3.78	5.84	0.03	0.000976	34.2	0.00296	0.00639	0.0000908	0.000336	0.000189	0.0832	0.00000198	0.00101	0.000306	0.00125	0.00088
2058 Jun	0.000158	0.00129	0.0369	0.00000654	3.78	5.86	0.0305	0.000977	34	0.00297	0.00639	0.0000945	0.000337	0.000189	0.0837	0.00000196	0.00101	0.000311	0.00125	0.000881
2058 Jul	0.000158	0.00129	0.037	0.00000657	3.8	5.89	0.0306	0.000982	34.1	0.00299	0.0064	0.0000947	0.000339	0.00019	0.0841	0.00000196	0.00102	0.000313	0.00125	0.000886
2058 Aug	0.000159	0.0013	0.0371	0.0000066	3.82	5.92	0.0307	0.000988	34.3	0.003	0.00643	0.0000949	0.000341	0.000191	0.0844	0.00000197	0.00102	0.000314	0.00126	0.000891
2058 Sep	0.000159	0.0013	0.0371	0.00000662	3.83	5.93	0.0308	0.000991	34.4	0.00301	0.00643	0.0000949	0.000342	0.000192	0.0846	0.00000197	0.00103	0.000314	0.00126	0.000894
2058 Oct	0.000159	0.0013	0.0372	0.00000663	3.83	5.94	0.0308	0.000992	34.4	0.00301	0.00644	0.0000948	0.000343	0.000192	0.0846	0.00000197	0.00103	0.000314	0.00126	0.000895
2058 Nov	0.000159	0.0013	0.0372	0.00000663	3.84	5.94	0.0308	0.000993	34.4	0.00301	0.00644	0.0000948	0.000343	0.000192	0.0847	0.00000197	0.00103	0.000314	0.00126	0.000896
2058 Dec	0.000159	0.0013	0.0372	0.00000663	3.84	5.94	0.0308	0.000993	34.4	0.00301	0.00644	0.0000948	0.000343	0.000192	0.0847	0.00000197	0.00103	0.000314	0.00126	0.000896
2059 Jan	0.000159	0.0013	0.0372	0.00000663	3.84	5.94	0.0308	0.000993	34.4	0.00301	0.00644	0.0000948	0.000343	0.000192	0.0847	0.00000197	0.00103	0.000314	0.00126	0.000896
2059 Feb	0.000159	0.0013	0.0372	0.00000663	3.84	5.94	0.0308	0.000993	34.4	0.00301	0.00644	0.0000948	0.000343	0.000192	0.0847	0.00000197	0.00103	0.000314	0.00126	0.000896
2059 Mar	0.000159	0.0013	0.0372	0.00000663	3.84	5.94	0.0308	0.000993	34.4	0.00301	0.00644	0.0000948	0.000343	0.000192	0.0847	0.00000197	0.00103	0.000314	0.00126	0.000896
2059 Apr	0.000159	0.0013	0.0372	0.00000663	3.84	5.94	0.0309	0.000993	34.4	0.00301	0.00644	0.0000948	0.000343	0.000192	0.0847	0.00000197	0.00103	0.000314	0.00126	0.000896
2059 May	0.00016	0.0013	0.0373	0.00000664	3.84	5.95	0.0309	0.000994	34.4	0.00302	0.00645	0.0000955	0.000343	0.000192	0.0849	0.00000197	0.00103	0.000316	0.00126	0.000897
2059 Jun	0.000161	0.00131	0.0379	0.00000668	3.85	5.97	0.0313	0.000997	34.4	0.00303	0.00646	0.0000977	0.000344	0.000193	0.0853	0.00000197	0.00103	0.000319	0.00126	0.000899
2059 Jul	0.000162	0.00131	0.0381	0.00000672	3.87	6.01	0.0314	0.001	34.6	0.00305	0.0065	0.0000982	0.000347	0.000194	0.0858	0.00000198	0.00104	0.000321	0.00127	0.000905
2059 Aug	0.000163	0.00132	0.0382	0.00000675	3.89	6.04	0.0316	0.00101	34.8	0.00306	0.00652	0.0000986	0.000348	0.000195	0.0862	0.00000199	0.00104	0.000322	0.00128	0.00091
2059 Sep	0.000163	0.00132	0.0383	0.00000677	3.91	6.05	0.0317	0.00101	34.9	0.00307	0.00654	0.0000986	0.000349	0.000196	0.0864	0.00000199	0.00105	0.000323	0.00128	0.000913
2059 Oct	0.000163	0.00132	0.0382	0.00000678	3.91	6.06	0.0317	0.00101	34.8	0.00307	0.00653	0.0000981	0.00035	0.000196	0.0864	0.00000198	0.00105	0.000322	0.00127	0.000914
2059 Nov	0.000163	0.00132	0.0382	0.00000678	3.91	6.06	0.0317	0.00101	34.8	0.00307	0.00653	0.0000981	0.00035	0.000196	0.0864	0.00000198	0.00105	0.000322	0.00127	0.000914
2059 Dec	0.000163	0.00132	0.0382	0.00000678	3.91	6.06	0.0317	0.00101	34.8	0.00307	0.00653	0.0000981	0.00035	0.000196	0.0864	0.00000198	0.00105	0.000322	0.00127	0.000914
2060 Jan	0.000163	0.00132	0.0382	0.00000678	3.91	6.06	0.0317	0.00101	34.8	0.00307	0.00653	0.0000981	0.00035	0.000196	0.0864	0.00000198	0.00105	0.000322	0.00127	0.000914
2060 Feb	0.000163	0.00132	0.0382	0.00000678	3.91	6.06	0.0317	0.00101	34.8	0.00307	0.00653	0.0000981	0.00035	0.000196	0.0864	0.00000198	0.00105	0.000322	0.00127	0.000914
2060 Mar	0.000163	0.00132	0.0383	0.00000678	3.91	6.06	0.0317	0.00101	34.8	0.00307	0.00653	0.0000981	0.00035	0.000196	0.0864	0.00000198	0.00105	0.000322	0.00127	0.000914
2060 Apr	0.000163	0.00132	0.0383	0.00000678	3.91	6.06	0.0317	0.00101	34.8	0.00307	0.00653	0.0000981	0.00035	0.000196	0.0864	0.00000198	0.00105	0.000322	0.00128	0.000915
2060 May	0.000164	0.00132	0.0386	0.0000068	3.91	6.07	0.0319	0.00101	34.8	0.00308	0.00654	0.0000997	0.00035	0.000196	0.0867	0.00000198	0.00105	0.000325	0.00128	0.000915
2060 Jun	0.000165	0.00132	0.0392	0.00000683	3.92	6.08	0.0322	0.00102	34.8	0.00308	0.00655	0.000102	0.000351	0.000196	0.0871	0.00000198	0.00105	0.000328	0.00128	0.000917
2060 Jul	0.000166	0.00133	0.0394	0.00000687	3.94	6.12	0.0324	0.00102	35	0.0031	0.00658	0.000103	0.000354	0.000198	0.0876	0.00000199	0.00106	0.00033	0.00128	0.000923
2060 Aug	0.000166	0.00133	0.0395	0.0000069	3.96	6.15	0.0326	0.00103	35.1	0.00312	0.0066	0.000103	0.000356	0.000199	0.088	0.00000199	0.00107	0.000331	0.00129	0.000929
2060 Sep	0.000166	0.00133	0.0395	0.00000692	3.97	6.16	0.0326	0.00103	35.1	0.00313	0.0066	0.000103	0.000356	0.000199	0.088	0.00000198	0.00107	0.000331	0.00129	0.000931
2060 Oct	0.000166	0.00133	0.0395	0.00000693	3.97	6.17	0.0326	0.00103	35.1	0.00313	0.0066	0.000102	0.000357	0.000199	0.0881	0.00000198	0.00107	0.000331	0.00129	0.000933
2060 Nov	0.000166	0.00133	0.0395	0.00000693	3.97	6.17	0.0326	0.00103	35.1	0.00313	0.0066	0.000102	0.000357	0.000199	0.0881	0.00000198	0.00107	0.000331	0.00129	0.000933
2060 Dec	0.000166	0.00133	0.0395	0.00000693	3.97	6.17	0.0326	0.00103	35.1	0.00313	0.0066	0.000102	0.000357	0.000199	0.0881	0.00000198	0.00107	0.000331	0.00129	0.000933
2061 Jan	0.000166	0.00133	0.0395	0.00000693	3.97	6.17	0.0326	0.00103	35.1	0.00313	0.0066	0.000102	0.000357	0.000199	0.0881	0.00000198	0.00107	0.000331	0.00129	0.000933
2061 Feb	0.000166	0.00133	0.0395	0.00000693	3.97	6.17	0.0326	0.00103	35.1	0.00313	0.0066	0.000102	0.000357	0.000199	0.0881	0.00000198	0.00107	0.000331	0.00129	0.000933
2061 Mar	0.000166	0.00133	0.0395	0.00000693	3.97	6.17	0.0326	0.00103	35.1	0.00313	0.0066	0.000102	0.000357	0.000199	0.0881	0.00000198	0.00107	0.000331	0.00129	0.000933
2061 Apr	0.000166	0.00133	0.0395	0.00000693	3.97	6.17	0.0326	0.00103	35.1	0.00313	0.0066	0.000102	0.000357	0.000199	0.0881	0.00000198	0.00107	0.000331	0.00129	0.000933
2061 May	0.000167	0.00134	0.0399	0.00000695	3.98	6.18	0.0328	0.00103	35.1	0.00313	0.00661	0.000104	0.000357	0.000199	0.0884	0.00000198	0.00107	0.000333	0.00129	0.000933
2061 Jun	0.000168	0.00133	0.0403	0.00000697	3.98	6.19	0.0331	0.00104	35	0.00314	0.0066	0.000106	0.000358	0.0002	0.0887	0.00000197	0.00107	0.000337	0.00129	0.000935
2061 Jul	0.000169	0.00134	0.0405	0.00000702	4.01	6.23	0.0333	0.00104	35.2	0.00316	0.00664	0.000107	0.00036	0.000201	0.0892	0.00000198	0.00108	0.000339	0.00129	0.000941
2061 Aug	0.00017	0.00135	0.0407	0.00000705	4.03	6.26	0.0335	0.00105	35.4	0.00318	0.00666	0.000107	0.000362	0.000202	0.0896	0.00000199	0.00109	0.00034	0.0013	0.000947
2061 Sep	0.00017	0.00135	0.0407	0.00000707	4.04	6.28	0.0336	0.00105	35.5	0.00319	0.00667	0.000107	0.000363	0.000203	0.0898	0.00000199	0.00109	0.000341	0.0013	0.00095
2061 Oct	0.00017	0.00135	0.0407	0.00000708	4.04	6.28	0.0336	0.00105	35.4	0.00319	0.00667	0.000107	0.000364	0.000203	0.0898	0.00000198	0.00109	0.00034	0.0013	0.000951
2061 Nov	0.00017	0.00135	0.0407	0.00000708	4.04	6.28	0.0336	0.00105	35.4	0.00319	0.00666	0.000107	0.000364	0.000203	0.0898	0.00000198	0.00109	0.00034	0.0013	0.000951
2061 Dec	0.00017	0.00135	0.0407	0.00000708	4.04	6.28	0.0336	0.00105	35.4	0.00319	0.00666	0.000107	0.000364	0.000203	0.0898	0.00000198	0.00109	0.00034	0.0013	0.000951
2062 Jan	0.00017	0.00135	0.0407	0.00000708	4.04	6.28	0.0336	0.00105	35.4	0.00319	0.00666	0.000107	0.000364	0.000203	0.0898	0.00000198	0.00109	0.00034	0.0013	0.000951
2062 Feb	0.00017	0.00135	0.0407	0.00000708	4.04	6.28	0.0336	0.00105	35.4	0.00319	0.00666	0.000107	0.000364	0.000203	0.0898	0.00000198	0.00109	0.00034	0.0013	0.000951
2062 Mar	0.00017	0.00135	0.0407	0.00000708	4.04	6.29	0.0336	0.00105	35.4	0.00319	0.00667	0.000107	0.000364	0.000203	0.0898	0.00000198	0.00109	0.00034	0.0013	0.000951
2062 Apr	0.00017	0.00135	0.0407	0.00000708	4.04	6.29	0.0336	0.00105	35.5	0.00319	0.00667	0.000107	0.000364	0.000203	0.0898	0.00000198	0.00109	0.00034	0.0013	0.000952

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2062 May	0.00017	0.00135	0.0407	0.00000709	4.04	6.29	0.0336	0.00105	35.5	0.00319	0.00667	0.000107	0.000364	0.000203	0.0899	0.00000199	0.00109	0.000341	0.0013	0.000953
2062 Jun	0.00017	0.00135	0.0408	0.00000711	4.04	6.29	0.0336	0.00105	35.4	0.00319	0.00667	0.000107	0.000365	0.000203	0.0898	0.00000198	0.00109	0.000341	0.0013	0.000953
2062 Jul	0.00017	0.00135	0.0409	0.00000714	4.05	6.31	0.0337	0.00106	35.4	0.0032	0.00668	0.000106	0.000366	0.000203	0.09	0.00000198	0.0011	0.000343	0.0013	0.000957
2062 Aug	0.00017	0.00135	0.041	0.00000718	4.07	6.33	0.0338	0.00106	35.5	0.00322	0.00669	0.000106	0.000368	0.000204	0.0902	0.00000198	0.0011	0.000343	0.00131	0.000962
2062 Sep	0.00017	0.00135	0.041	0.00000719	4.08	6.35	0.0339	0.00107	35.6	0.00322	0.0067	0.000106	0.000369	0.000205	0.0904	0.00000198	0.00111	0.000344	0.00131	0.000965
2062 Oct	0.00017	0.00135	0.0409	0.0000072	4.08	6.35	0.0338	0.00107	35.5	0.00322	0.00669	0.000106	0.000369	0.000205	0.0903	0.00000197	0.00111	0.000343	0.0013	0.000965
2062 Nov	0.00017	0.00135	0.0409	0.0000072	4.08	6.35	0.0338	0.00107	35.5	0.00322	0.00669	0.000106	0.000369	0.000205	0.0903	0.00000197	0.00111	0.000343	0.0013	0.000965
2062 Dec	0.00017	0.00135	0.0409	0.0000072	4.08	6.35	0.0338	0.00107	35.5	0.00323	0.00669	0.000106	0.000369	0.000205	0.0903	0.00000197	0.00111	0.000343	0.0013	0.000965
2063 Jan	0.00017	0.00135	0.0409	0.0000072	4.08	6.35	0.0338	0.00107	35.5	0.00323	0.00669	0.000106	0.000369	0.000205	0.0903	0.00000197	0.00111	0.000343	0.0013	0.000965
2063 Feb	0.00017	0.00135	0.0409	0.0000072	4.08	6.35	0.0338	0.00107	35.5	0.00323	0.00669	0.000106	0.000369	0.000205	0.0903	0.00000197	0.00111	0.000343	0.0013	0.000965
2063 Mar	0.00017	0.00135	0.0409	0.0000072	4.08	6.35	0.0338	0.00107	35.5	0.00323	0.00669	0.000106	0.000369	0.000205	0.0903	0.00000197	0.00111	0.000343	0.0013	0.000965
2063 Apr	0.00017	0.00135	0.0409	0.0000072	4.08	6.35	0.0338	0.00107	35.5	0.00323	0.00669	0.000106	0.000369	0.000205	0.0903	0.00000197	0.00111	0.000343	0.0013	0.000965
2063 May	0.00017	0.00135	0.0411	0.00000721	4.08	6.36	0.0339	0.00107	35.5	0.00323	0.0067	0.000106	0.000369	0.000205	0.0905	0.00000197	0.00111	0.000344	0.0013	0.000966
2063 Jun	0.000171	0.00135	0.0418	0.00000723	4.08	6.35	0.0343	0.00107	35.3	0.00323	0.00668	0.00011	0.00037	0.000205	0.0907	0.00000195	0.00111	0.000348	0.0013	0.000965
2063 Jul	0.000172	0.00135	0.0418	0.00000726	4.09	6.38	0.0344	0.00107	35.4	0.00324	0.00669	0.00011	0.000371	0.000205	0.0909	0.00000195	0.00111	0.000349	0.0013	0.00097
2063 Aug	0.000172	0.00135	0.042	0.0000073	4.11	6.41	0.0346	0.00108	35.6	0.00326	0.00672	0.00011	0.000373	0.000206	0.0914	0.00000196	0.00112	0.000351	0.00131	0.000975
2063 Sep	0.000172	0.00136	0.0421	0.00000732	4.12	6.43	0.0346	0.00108	35.6	0.00327	0.00672	0.00011	0.000374	0.000207	0.0915	0.00000196	0.00112	0.000351	0.00131	0.000978
2063 Oct	0.000172	0.00136	0.042	0.00000732	4.12	6.43	0.0346	0.00108	35.6	0.00327	0.00672	0.00011	0.000374	0.000207	0.0915	0.00000196	0.00112	0.000351	0.00131	0.000979
2063 Nov	0.000172	0.00136	0.042	0.00000733	4.12	6.43	0.0347	0.00108	35.6	0.00327	0.00672	0.00011	0.000375	0.000207	0.0916	0.00000196	0.00112	0.000351	0.00131	0.000979
2063 Dec	0.000172	0.00136	0.042	0.00000733	4.13	6.43	0.0347	0.00108	35.6	0.00327	0.00672	0.00011	0.000375	0.000207	0.0916	0.00000196	0.00112	0.000351	0.00131	0.000979
2064 Jan	0.000172	0.00136	0.042	0.00000733	4.13	6.43	0.0347	0.00108	35.6	0.00327	0.00672	0.00011	0.000375	0.000207	0.0916	0.00000196	0.00112	0.000351	0.00131	0.000979
2064 Feb	0.000172	0.00136	0.042	0.00000733	4.13	6.43	0.0347	0.00108	35.6	0.00327	0.00672	0.00011	0.000375	0.000207	0.0916	0.00000196	0.00112	0.000351	0.00131	0.000979
2064 Mar	0.000172	0.00136	0.042	0.00000733	4.13	6.43	0.0347	0.00108	35.6	0.00327	0.00673	0.00011	0.000375	0.000207	0.0916	0.00000196	0.00112	0.000351	0.00131	0.000979
2064 Apr	0.000172	0.00136	0.0421	0.00000733	4.13	6.43	0.0347	0.00108	35.6	0.00327	0.00673	0.00011	0.000375	0.000207	0.0916	0.00000196	0.00112	0.000351	0.00131	0.00098
2064 May	0.000173	0.00136	0.0424	0.00000734	4.13	6.44	0.0348	0.00108	35.6	0.00327	0.00674	0.000111	0.000375	0.000207	0.0918	0.00000196	0.00112	0.000353	0.00131	0.00098
2064 Jun	0.000175	0.00136	0.043	0.00000736	4.13	6.45	0.0352	0.00108	35.5	0.00328	0.00673	0.000114	0.000376	0.000208	0.0922	0.00000195	0.00112	0.000357	0.00131	0.000981
2064 Jul	0.000176	0.00136	0.0431	0.0000074	4.15	6.48	0.0354	0.00109	35.7	0.00329	0.00675	0.000115	0.000378	0.000209	0.0926	0.00000195	0.00113	0.000359	0.00131	0.000986
2064 Aug	0.000176	0.00137	0.0432	0.00000743	4.17	6.51	0.0355	0.00109	35.8	0.00331	0.00677	0.000115	0.000379	0.000209	0.0929	0.00000196	0.00114	0.00036	0.00132	0.000991
2064 Sep	0.000176	0.00137	0.0432	0.00000745	4.17	6.52	0.0355	0.0011	35.8	0.00331	0.00677	0.000114	0.00038	0.00021	0.093	0.00000195	0.00114	0.00036	0.00132	0.000993
2064 Oct	0.000176	0.00137	0.0433	0.00000745	4.18	6.53	0.0356	0.0011	35.8	0.00331	0.00677	0.000114	0.00038	0.00021	0.093	0.00000196	0.00114	0.00036	0.00132	0.000994
2064 Nov	0.000176	0.00137	0.0433	0.00000745	4.18	6.53	0.0356	0.0011	35.8	0.00332	0.00678	0.000114	0.000381	0.00021	0.0931	0.00000196	0.00114	0.00036	0.00132	0.000995
2064 Dec	0.000176	0.00137	0.0433	0.00000746	4.18	6.53	0.0356	0.0011	35.8	0.00332	0.00678	0.000114	0.000381	0.00021	0.0931	0.00000196	0.00114	0.00036	0.00132	0.000995
2065 Jan	0.000176	0.00137	0.0433	0.00000746	4.18	6.53	0.0356	0.0011	35.8	0.00332	0.00678	0.000114	0.000381	0.00021	0.0931	0.00000196	0.00114	0.00036	0.00132	0.000995
2065 Feb	0.000176	0.00137	0.0433	0.00000746	4.18	6.53	0.0356	0.0011	35.8	0.00332	0.00678	0.000114	0.000381	0.00021	0.0931	0.00000196	0.00114	0.00036	0.00132	0.000995
2065 Mar	0.000176	0.00137	0.0433	0.00000746	4.18	6.53	0.0356	0.0011	35.8	0.00332	0.00678	0.000114	0.000381	0.00021	0.0931	0.00000196	0.00114	0.00036	0.00132	0.000995
2065 Apr	0.000176	0.00137	0.0433	0.00000746	4.18	6.53	0.0356	0.0011	35.9	0.00332	0.00678	0.000114	0.000381	0.00021	0.0931	0.00000196	0.00114	0.00036	0.00132	0.000995
2065 May	0.000177	0.00137	0.0435	0.00000747	4.19	6.54	0.0357	0.0011	35.9	0.00332	0.00679	0.000116	0.000381	0.00021	0.0933	0.00000196	0.00114	0.000362	0.00132	0.000996
2065 Jun	0.000178	0.00137	0.044	0.00000749	4.19	6.55	0.036	0.0011	35.8	0.00332	0.00679	0.000118	0.000382	0.000211	0.0936	0.00000195	0.00114	0.000365	0.00132	0.000997
2065 Jul	0.000179	0.00137	0.0442	0.00000754	4.21	6.59	0.0362	0.00111	36	0.00335	0.00682	0.000118	0.000384	0.000212	0.0941	0.00000196	0.00115	0.000367	0.00133	0.001
2065 Aug	0.000179	0.00138	0.0444	0.00000758	4.23	6.62	0.0364	0.00111	36.2	0.00336	0.00685	0.000118	0.000387	0.000213	0.0945	0.00000196	0.00116	0.000368	0.00133	0.00101
2065 Sep	0.000179	0.00138	0.0443	0.00000759	4.24	6.63	0.0364	0.00112	36.2	0.00337	0.00684	0.000118	0.000387	0.000213	0.0946	0.00000196	0.00116	0.000368	0.00133	0.00101
2065 Oct	0.000179	0.00138	0.0442	0.0000076	4.24	6.63	0.0363	0.00112	36.1	0.00337	0.00683	0.000117	0.000387	0.000213	0.0945	0.00000195	0.00116	0.000367	0.00133	0.00101
2065 Nov	0.000179	0.00138	0.0443	0.0000076	4.24	6.63	0.0363	0.00112	36.1	0.00337	0.00683	0.000117	0.000387	0.000213	0.0945	0.00000195	0.00116	0.000367	0.00133	0.00101
2065 Dec	0.000179	0.00138	0.0443	0.0000076	4.24	6.63	0.0363	0.00112	36.1	0.00337	0.00683	0.000117	0.000387	0.000213	0.0945	0.00000195	0.00116	0.000367	0.00133	0.00101
2066 Jan	0.000179	0.00138	0.0443	0.0000076	4.24	6.63	0.0363	0.00112	36.1	0.00337	0.00683	0.000117	0.000387	0.000213	0.0945	0.00000195	0.00116	0.000367	0.00133	0.00101
2066 Feb	0.000179	0.00138	0.0443	0.0000076	4.24	6.63	0.0363	0.00112	36.1	0.00337	0.00684	0.000117	0.000387	0.000213	0.0945	0.00000195	0.00116	0.000367	0.00133	0.00101
2066 Mar	0.000179	0.00138	0.0443	0.0000076	4.24	6.63	0.0363	0.00112	36.1	0.00337	0.00684	0.000117	0.000387	0.000213	0.0945	0.00000195	0.00116	0.000367	0.00133	0.00101
2066 Apr	0.000179	0.00138	0.0443	0.0000076	4.24	6.63	0.0363	0.00112	36.1	0.00337	0.00684	0.000117	0.000387	0.000213	0.0945	0.00000195	0.00116	0.000367	0.00133	0.00101
2066 May	0.000179	0.00138	0.0443	0.00000761	4.25	6.64	0.0364	0.00112	36.1	0.00337	0.00684	0.000118	0.000388	0.000213	0.0946	0.00000195	0.00116	0.000368	0.00133	0.00101
2066 Jun	0.000179	0.00138	0.0446	0.00000763	4.24	6.64	0.0365	0.00112	36	0.00337	0.00684	0.000119	0.000388	0.000213	0.0947	0.00000194	0.00116	0.00037	0.00133	0.00101
2066 Jul	0.00018	0.00138	0.0449	0.00000768	4.27	6.68	0.0367	0.00113	36.2	0.0034	0.00687	0.000119	0.000391	0.000215	0.0952	0.00000195	0.00117	0.000372	0.00134	0.00102
2066 Aug	0.000181	0.00139	0.045	0.00000772	4.29	6.72	0.0369	0.00113	36.4	0.00341	0.0069	0.000119	0.000393	0.000216	0.0957	0.00000196	0.00118	0.000374	0.00134	0.00103
2066 Sep	0.000181	0.00139	0.0451	0.00000774	4.3	6.73	0.037	0.00114	36.5	0.00342	0.00691	0.000119	0.000394	0.000216	0.0958	0.00000196	0.00118	0.000374	0.00134	0.00103
2066 Oct	0.000181	0.00139	0.045	0.00000775	4.3	6.74	0.037	0.00114	36.4	0.00342	0.00691	0.000119	0.000394	0.000216	0.0958	0.00000196	0.00118	0.000374	0.00134	0.00103
2066 Nov	0.000181	0.00139	0.045	0.00000775	4.3	6.74	0.037	0.00114	36.4	0.00343	0.00691	0.000119	0.000394	0.000216	0.0958	0.00000196	0.00118	0.000374	0.00134	0.00103
2066 Dec	0.000181	0.00139	0.045	0.00000775	4.3	6.74	0.037	0.00114	36.4	0.00343	0.00691	0.000119	0.000394	0.000216	0.0959	0.00000196	0.00118	0.000374	0.00134	0.00103
2067 Jan	0.000181	0.00139	0.045	0.00000775	4.3	6.74	0.037	0.00114	36.4	0.00343	0.00691	0.000119	0.000394	0.000216	0.0959	0.00000196	0.00118	0.000374	0.00134	0.00103
2067 Feb	0.000181	0.00139	0.045	0.00000775	4.3	6.74	0.037	0.00114	36.4	0.00343	0.00691	0.000119	0.000394	0.000216	0.0959	0.00000196	0.00118	0.000374	0.00134	0.00103
2067 Mar	0.000181	0.00139	0.0451	0.00000775	4.31	6.74	0.037	0.00114	36.4	0.00343	0.00691	0.000119	0.000394	0.000216	0.0959	0.00000196	0.00118	0.000374	0.00134	0.00103
2067 Apr	0.000181	0.00139	0.0451	0.00000775	4.31	6.74	0.037	0.00114	36.5	0.00343	0.00691	0.000119	0.000394	0.000216	0.0959	0.00000196	0.00118	0.000374	0.00134	0.00103
2067 May	0.000182	0.00139	0.0453	0.00000777	4.31	6.75	0.0371	0.00114	36.5	0.00343	0.00692	0.00012	0.000395	0.000217	0.0961	0.00000196	0.00118	0.000375	0.00134	0.00103
2067 Jun	0.000183	0.00139	0.0457	0.00000779	4.31	6.76	0.0374	0.00114	36.4	0.00343	0.00692	0.000122	0.000396	0.000217	0.0964	0.00000195	0.00118	0.000378	0.00134	0.00103
2067 Jul	0.000184	0.0014	0.046	0.00000783	4.34	6.8	0.0376	0.00115	36.6	0.00346	0.00696	0.000123	0.000398	0.000218	0.0969	0.00000196	0.00119	0.00038	0.00135	0.00104
2067 Aug	0.000184	0.00141	0.0461	0.00000787	4.36	6.83	0.0378	0.00115	36.8	0.00347	0.00698	0.000123	0.0004	0.000219	0.0973	0.00000197	0.0012	0.000382	0.00135	0.00104
2067 Sep	0.000184	0.00141	0.0461	0.00000789	4.37	6.85	0.0378	0.00116	36.8	0.00348	0.00699	0.000123	0.000401	0.00022	0.0975	0.00000197	0.0012	0.000382	0.00136	0.00105
2067 Oct	0.000184	0.00141	0.0461	0.00000789	4.37	6.85	0.0378	0.00116	36.8	0.00348	0.00698	0.000122	0.000401	0.00022	0.0974	0.00000196	0.0012	0.000382	0.00135	0.00105
2067 Nov	0.000184	0.00141	0.0461	0.00000789	4.37	6.85	0.0378	0.00116	36.8	0.00348	0.00698	0.000122	0.000401	0.00022	0.0974	0.00000196	0.0012	0.000382	0.00135	0.00105

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 Dec	0.000184	0.00141	0.0461	0.00000789	4.37	6.85	0.0378	0.00116	36.8	0.00348	0.00698	0.000122	0.000401	0.00022	0.0974	0.00000196	0.0012	0.000382	0.00135	0.00105
2068 Jan	0.000184	0.00141	0.0461	0.00000789	4.37	6.85	0.0378	0.00116	36.8	0.00348	0.00698	0.000122	0.000401	0.00022	0.0974	0.00000196	0.0012	0.000382	0.00135	0.00105
2068 Feb	0.000184	0.00141	0.0461	0.00000789	4.37	6.85	0.0378	0.00116	36.8	0.00348	0.00698	0.000122	0.000401	0.00022	0.0974	0.00000196	0.0012	0.000382	0.00135	0.00105
2068 Mar	0.000184	0.00141	0.0461	0.0000079	4.37	6.85	0.0378	0.00116	36.8	0.00348	0.00698	0.000122	0.000401	0.00022	0.0975	0.00000196	0.0012	0.000382	0.00135	0.00105
2068 Apr	0.000184	0.00141	0.0461	0.0000079	4.37	6.85	0.0379	0.00116	36.8	0.00348	0.00699	0.000122	0.000401	0.00022	0.0975	0.00000196	0.0012	0.000382	0.00136	0.00105
2068 May	0.000185	0.00141	0.0464	0.00000791	4.38	6.86	0.038	0.00116	36.8	0.00349	0.007	0.000124	0.000402	0.00022	0.0977	0.00000197	0.0012	0.000383	0.00136	0.00105
2068 Jun	0.000186	0.0014	0.0469	0.00000792	4.37	6.86	0.0383	0.00116	36.6	0.00348	0.00697	0.000126	0.000402	0.00022	0.0978	0.00000195	0.0012	0.000387	0.00135	0.00105
2068 Jul	0.000186	0.00141	0.047	0.00000796	4.39	6.89	0.0384	0.00116	36.8	0.0035	0.007	0.000126	0.000404	0.000221	0.0982	0.00000195	0.00121	0.000388	0.00136	0.00105
2068 Aug	0.000187	0.00142	0.0472	0.000008	4.41	6.92	0.0386	0.00117	37	0.00352	0.00703	0.000127	0.000406	0.000222	0.0987	0.00000196	0.00122	0.00039	0.00136	0.00106
2068 Sep	0.000187	0.00142	0.0473	0.00000802	4.42	6.94	0.0387	0.00117	37	0.00353	0.00704	0.000127	0.000407	0.000223	0.0989	0.00000196	0.00122	0.00039	0.00136	0.00106
2068 Oct	0.000187	0.00142	0.0473	0.00000803	4.43	6.95	0.0387	0.00117	37	0.00353	0.00704	0.000127	0.000407	0.000223	0.0989	0.00000196	0.00122	0.00039	0.00136	0.00106
2068 Nov	0.000187	0.00142	0.0473	0.00000803	4.43	6.95	0.0387	0.00117	37.1	0.00353	0.00704	0.000127	0.000407	0.000223	0.099	0.00000196	0.00122	0.000391	0.00137	0.00107
2068 Dec	0.000187	0.00142	0.0473	0.00000803	4.43	6.95	0.0387	0.00117	37.1	0.00353	0.00704	0.000127	0.000407	0.000223	0.099	0.00000196	0.00122	0.000391	0.00137	0.00107
2069 Jan	0.000187	0.00142	0.0473	0.00000803	4.43	6.95	0.0387	0.00117	37.1	0.00353	0.00704	0.000127	0.000407	0.000223	0.099	0.00000196	0.00122	0.000391	0.00137	0.00107
2069 Feb	0.000187	0.00142	0.0473	0.00000803	4.43	6.95	0.0387	0.00117	37.1	0.00353	0.00704	0.000127	0.000407	0.000223	0.099	0.00000196	0.00122	0.000391	0.00137	0.00107
2069 Mar	0.000187	0.00142	0.0473	0.00000803	4.43	6.95	0.0387	0.00117	37.1	0.00353	0.00704	0.000127	0.000407	0.000223	0.099	0.00000196	0.00122	0.000391	0.00137	0.00107
2069 Apr	0.000187	0.00142	0.0473	0.00000803	4.43	6.95	0.0387	0.00117	37.1	0.00353	0.00704	0.000127	0.000408	0.000223	0.099	0.00000196	0.00122	0.000391	0.00137	0.00107
2069 May	0.000188	0.00142	0.0474	0.00000805	4.44	6.96	0.0388	0.00118	37.1	0.00354	0.00706	0.000127	0.000408	0.000223	0.0992	0.00000196	0.00122	0.000391	0.00137	0.00107
2069 Jun	0.000188	0.00142	0.0476	0.00000807	4.43	6.96	0.0389	0.00118	37	0.00354	0.00705	0.000128	0.000409	0.000223	0.0992	0.00000196	0.00122	0.000393	0.00137	0.00107
2069 Jul	0.000188	0.00143	0.0478	0.00000811	4.46	7	0.0391	0.00118	37.2	0.00356	0.00708	0.000128	0.000411	0.000224	0.0996	0.00000196	0.00123	0.000395	0.00137	0.00107
2069 Aug	0.000189	0.00143	0.0479	0.00000815	4.48	7.03	0.0392	0.00119	37.3	0.00357	0.0071	0.000128	0.000413	0.000225	0.1	0.00000197	0.00124	0.000396	0.00138	0.00108
2069 Sep	0.000189	0.00143	0.0478	0.00000816	4.48	7.04	0.0392	0.00119	37.3	0.00358	0.0071	0.000128	0.000414	0.000226	0.1	0.00000196	0.00124	0.000396	0.00138	0.00108
2069 Oct	0.000188	0.00143	0.0478	0.00000816	4.48	7.03	0.0392	0.00119	37.3	0.00358	0.00709	0.000127	0.000413	0.000225	0.0999	0.00000196	0.00124	0.000395	0.00137	0.00108
2069 Nov	0.000188	0.00143	0.0478	0.00000816	4.48	7.03	0.0391	0.00119	37.3	0.00358	0.00709	0.000127	0.000413	0.000225	0.0999	0.00000196	0.00124	0.000395	0.00137	0.00108
2069 Dec	0.000188	0.00143	0.0478	0.00000816	4.48	7.03	0.0392	0.00119	37.3	0.00358	0.00709	0.000127	0.000413	0.000225	0.0999	0.00000196	0.00124	0.000395	0.00137	0.00108
2070 Jan	0.000188	0.00143	0.0478	0.00000816	4.48	7.03	0.0392	0.00119	37.3	0.00358	0.00709	0.000127	0.000413	0.000225	0.0999	0.00000196	0.00124	0.000395	0.00137	0.00108
2070 Feb	0.000188	0.00143	0.0478	0.00000816	4.48	7.03	0.0392	0.00119	37.3	0.00358	0.00709	0.000127	0.000413	0.000225	0.0999	0.00000196	0.00124	0.000395	0.00137	0.00108
2070 Mar	0.000188	0.00143	0.0478	0.00000816	4.48	7.03	0.0392	0.00119	37.3	0.00358	0.00709	0.000127	0.000413	0.000225	0.0999	0.00000196	0.00124	0.000395	0.00137	0.00108
2070 Apr	0.000188	0.00143	0.0478	0.00000816	4.48	7.03	0.0392	0.00119	37.3	0.00358	0.00709	0.000127	0.000413	0.000226	0.0999	0.00000196	0.00124	0.000395	0.00137	0.00108
2070 May	0.000189	0.00143	0.048	0.00000817	4.49	7.04	0.0393	0.00119	37.3	0.00358	0.0071	0.000128	0.000414	0.000226	0.1	0.00000196	0.00124	0.000396	0.00138	0.00108
2070 Jun	0.00019	0.00143	0.0485	0.00000819	4.49	7.05	0.0396	0.00119	37.2	0.00359	0.0071	0.00013	0.000414	0.000226	0.1	0.00000195	0.00124	0.000399	0.00138	0.00108
2070 Jul	0.000191	0.00144	0.0487	0.00000824	4.51	7.09	0.0398	0.0012	37.4	0.0036	0.00713	0.000131	0.000417	0.000227	0.101	0.00000196	0.00125	0.000401	0.00138	0.00109
2070 Aug	0.000192	0.00144	0.0489	0.00000827	4.53	7.12	0.0399	0.00121	37.6	0.00362	0.00716	0.000131	0.000419	0.000228	0.101	0.00000197	0.00125	0.000403	0.00139	0.00109
2070 Sep	0.000192	0.00144	0.0488	0.00000828	4.54	7.13	0.0399	0.00121	37.6	0.00363	0.00716	0.000131	0.000419	0.000228	0.101	0.00000196	0.00126	0.000402	0.00139	0.0011
2070 Oct	0.000191	0.00144	0.0488	0.00000829	4.54	7.13	0.0399	0.00121	37.5	0.00363	0.00715	0.00013	0.000419	0.000228	0.101	0.00000196	0.00126	0.000402	0.00138	0.0011
2070 Nov	0.000191	0.00144	0.0488	0.00000829	4.54	7.13	0.0399	0.00121	37.6	0.00363	0.00715	0.00013	0.000419	0.000228	0.101	0.00000196	0.00126	0.000402	0.00138	0.0011
2070 Dec	0.000191	0.00144	0.0488	0.00000829	4.54	7.13	0.0399	0.00121	37.6	0.00363	0.00715	0.00013	0.000419	0.000228	0.101	0.00000196	0.00126	0.000402	0.00138	0.0011
2071 Jan	0.000191	0.00144	0.0488	0.00000829	4.54	7.13	0.0399	0.00121	37.6	0.00363	0.00715	0.00013	0.000419	0.000228	0.101	0.00000196	0.00126	0.000402	0.00138	0.0011
2071 Feb	0.000191	0.00144	0.0488	0.00000829	4.54	7.13	0.0399	0.00121	37.6	0.00363	0.00715	0.00013	0.000419	0.000228	0.101	0.00000196	0.00126	0.000402	0.00138	0.0011
2071 Mar	0.000191	0.00144	0.0488	0.00000829	4.54	7.13	0.0399	0.00121	37.6	0.00363	0.00715	0.00013	0.000419	0.000228	0.101	0.00000196	0.00126	0.000402	0.00138	0.0011
2071 Apr	0.000191	0.00144	0.0488	0.00000829	4.54	7.13	0.0399	0.00121	37.6	0.00363	0.00715	0.00013	0.000419	0.000228	0.101	0.00000196	0.00126	0.000402	0.00138	0.0011
2071 May	0.000192	0.00144	0.049	0.0000083	4.54	7.13	0.04	0.00121	37.6	0.00363	0.00716	0.000131	0.000419	0.000229	0.102	0.00000196	0.00126	0.000403	0.00138	0.0011
2071 Jun	0.000193	0.00144	0.0494	0.00000831	4.53	7.13	0.0403	0.00121	37.4	0.00363	0.00715	0.000133	0.00042	0.000228	0.102	0.00000195	0.00126	0.000406	0.00138	0.0011
2071 Jul	0.000193	0.00144	0.0496	0.00000834	4.55	7.16	0.0404	0.00121	37.5	0.00364	0.00717	0.000134	0.000422	0.000229	0.102	0.00000195	0.00126	0.000407	0.00139	0.0011
2071 Aug	0.000194	0.00145	0.0497	0.00000838	4.57	7.2	0.0406	0.00122	37.7	0.00366	0.00719	0.000134	0.000423	0.00023	0.102	0.00000196	0.00127	0.000409	0.00139	0.00111
2071 Sep	0.000194	0.00145	0.0497	0.00000839	4.58	7.21	0.0406	0.00122	37.7	0.00367	0.00719	0.000134	0.000424	0.000231	0.103	0.00000196	0.00127	0.000409	0.00139	0.00111
2071 Oct	0.000194	0.00145	0.0497	0.0000084	4.58	7.21	0.0406	0.00122	37.7	0.00367	0.00719	0.000133	0.000424	0.000231	0.103	0.00000195	0.00127	0.000409	0.00139	0.00111
2071 Nov	0.000194	0.00145	0.0497	0.0000084	4.58	7.21	0.0406	0.00122	37.7	0.00367	0.00719	0.000133	0.000424	0.000231	0.103	0.00000195	0.00127	0.000409	0.00139	0.00111
2071 Dec	0.000194	0.00145	0.0497	0.0000084	4.58	7.21	0.0406	0.00122	37.7	0.00367	0.00719	0.000133	0.000424	0.000231	0.103	0.00000195	0.00127	0.000409	0.00139	0.00111
2072 Jan	0.000194	0.00145	0.0497	0.0000084	4.58	7.21	0.0406	0.00122	37.7	0.00367	0.00719	0.000133	0.000424	0.000231	0.103	0.00000195	0.00127	0.000409	0.00139	0.00111
2072 Feb	0.000194	0.00145	0.0497	0.0000084	4.58	7.21	0.0406	0.00122	37.7	0.00367	0.00719	0.000133	0.000424	0.000231	0.103	0.00000195	0.00127	0.000409	0.00139	0.00111
2072 Mar	0.000194	0.00145	0.0497	0.0000084	4.58	7.21	0.0406	0.00122	37.7	0.00367	0.00719	0.000133	0.000424	0.000231	0.103	0.00000195	0.00127	0.000409	0.00139	0.00111
2072 Apr	0.000194	0.00145	0.0497	0.0000084	4.58	7.21	0.0406	0.00122	37.7	0.00367	0.0072	0.000133	0.000424	0.000231	0.103	0.00000196	0.00127	0.000409	0.00139	0.00111
2072 May	0.000194	0.00145	0.0498	0.00000841	4.59	7.22	0.0407	0.00122	37.8	0.00367	0.00721	0.000134	0.000425	0.000231	0.103	0.00000196	0.00127	0.000409	0.00139	0.00111
2072 Jun	0.000194	0.00145	0.0498	0.00000843	4.59	7.22	0.0407	0.00122	37.7	0.00368	0.00721	0.000133	0.000426	0.000231	0.103	0.00000196	0.00127	0.00041	0.00139	0.00111
2072 Jul	0.000194	0.00145	0.05	0.00000847	4.61	7.25	0.0408	0.00123	37.8	0.00369	0.00722	0.000133	0.000427	0.000232	0.103	0.00000196	0.00128	0.000411	0.0014	0.00112
2072 Aug	0.000194	0.00146	0.05	0.00000849	4.62	7.27	0.0409	0.00123	37.9	0.0037	0.00723	0.000133	0.000429	0.000233	0.103	0.00000196	0.00128	0.000411	0.0014	0.00112
2072 Sep	0.000194	0.00146	0.0499	0.00000851	4.62	7.28	0.0409	0.00124	37.9	0.00371	0.00723	0.000133	0.000429	0.000233	0.103	0.00000195	0.00129	0.000411	0.0014	0.00112
2072 Oct	0.000194	0.00145	0.0499	0.00000851	4.62	7.27	0.0408	0.00124	37.9	0.0037	0.00722	0.000132	0.000429	0.000233	0.103	0.00000195	0.00129	0.00041	0.0014	0.00112
2072 Nov	0.000194	0.00145	0.0499	0.00000851	4.62	7.27	0.0408	0.00124	37.9	0.0037	0.00722	0.000132	0.000429	0.000233	0.103	0.00000195	0.00129	0.00041	0.0014	0.00112
2072 Dec	0.000194	0.00145	0.0499	0.00000851	4.62	7.27	0.0408	0.00124	37.9	0.0037	0.00722	0.000132	0.000429	0.000233	0.103	0.00000195	0.00129	0.00041	0.0014	0.00112
2073 Jan	0.000194	0.00145	0.0499	0.00000851	4.62	7.27	0.0408	0.00124	37.9	0.0037	0.00722	0.000132	0.000429	0.000233	0.103	0.00000195	0.00129	0.00041	0.0014	0.00112
2073 Feb	0.000194	0.00145	0.0499	0.00000851	4.62	7.27	0.0408	0.00124	37.9	0.0037	0.00722	0.000132	0.000429	0.000233	0.103	0.00000195	0.00129	0.00041	0.0014	0.00112
2073 Mar	0.000194	0.00145	0.0499	0.00000851	4.62	7.27	0.0408	0.00124	37.9	0.0037	0.00722	0.000132	0.000429	0.000233	0.103	0.00000195	0.00129	0.00041	0.0014	0.00112
2073 Apr	0.000194	0.00145	0.0499	0.00000851	4.63	7.28	0.0409	0.00124	37.9	0.00371	0.00723	0.000132	0.000429	0.000233	0.103	0.00000195	0.00129	0.000411	0.0014	0.00112
2073 May	0.000195	0.00146	0.0502	0.00000852	4.63	7.28	0.041	0.00124	37.9	0.00371	0.00724	0.000134	0.000429	0.000233	0.103	0.00000195	0.00129	0.000412	0.0014	0.00112
2073 Jun	0.000196	0.00145	0.0507	0.00000854	4.62	7.28	0.0413	0.00124	37.8	0.00371	0.00724	0.000136	0.00043	0.000233	0.104	0.00000194	0.00129	0.000415	0.0014	0.00112

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2073 Jul	0.000196	0.00146	0.0508	0.00000858	4.65	7.32	0.0414	0.00124	38	0.00373	0.00726	0.000136	0.000432	0.000234	0.104	0.00000195	0.00129	0.000417	0.0014	0.00113
2073 Aug	0.000197	0.00146	0.051	0.00000861	4.67	7.35	0.0416	0.00125	38.1	0.00374	0.00728	0.000137	0.000434	0.000235	0.104	0.00000195	0.0013	0.000418	0.00141	0.00113
2073 Sep	0.000197	0.00147	0.051	0.00000863	4.68	7.36	0.0417	0.00125	38.1	0.00375	0.00728	0.000136	0.000434	0.000236	0.105	0.00000195	0.0013	0.000418	0.00141	0.00114
2073 Oct	0.000197	0.00146	0.0509	0.00000863	4.67	7.36	0.0416	0.00125	38.1	0.00375	0.00728	0.000136	0.000434	0.000236	0.104	0.00000195	0.0013	0.000418	0.0014	0.00114
2073 Nov	0.000197	0.00146	0.0509	0.00000863	4.67	7.36	0.0416	0.00125	38.1	0.00375	0.00728	0.000136	0.000434	0.000236	0.104	0.00000195	0.0013	0.000418	0.0014	0.00114
2073 Dec	0.000197	0.00146	0.0509	0.00000863	4.67	7.36	0.0416	0.00125	38.1	0.00375	0.00728	0.000136	0.000434	0.000236	0.104	0.00000195	0.0013	0.000418	0.0014	0.00114
2074 Jan	0.000197	0.00146	0.0509	0.00000863	4.67	7.36	0.0416	0.00125	38.1	0.00375	0.00728	0.000136	0.000434	0.000236	0.104	0.00000195	0.0013	0.000418	0.0014	0.00114
2074 Feb	0.000197	0.00146	0.0509	0.00000863	4.67	7.36	0.0416	0.00125	38.1	0.00375	0.00728	0.000136	0.000434	0.000236	0.104	0.00000195	0.0013	0.000418	0.0014	0.00114
2074 Mar	0.000197	0.00146	0.0509	0.00000863	4.67	7.36	0.0416	0.00125	38.1	0.00375	0.00728	0.000136	0.000434	0.000236	0.104	0.00000195	0.0013	0.000418	0.0014	0.00114
2074 Apr	0.000197	0.00147	0.0509	0.00000863	4.68	7.37	0.0416	0.00125	38.1	0.00375	0.00728	0.000136	0.000435	0.000236	0.105	0.00000195	0.0013	0.000418	0.0014	0.00114
2074 May	0.000198	0.00147	0.0513	0.00000865	4.68	7.37	0.0418	0.00125	38.1	0.00375	0.00729	0.000138	0.000435	0.000236	0.105	0.00000195	0.0013	0.00042	0.00141	0.00114
2074 Jun	0.000199	0.00146	0.0518	0.00000865	4.67	7.37	0.0421	0.00125	38	0.00375	0.00728	0.000141	0.000435	0.000236	0.105	0.00000194	0.0013	0.000423	0.0014	0.00114
2074 Jul	0.0002	0.00147	0.052	0.0000087	4.7	7.41	0.0423	0.00126	38.2	0.00377	0.00731	0.000141	0.000437	0.000237	0.106	0.00000195	0.00131	0.000425	0.00141	0.00114
2074 Aug	0.000201	0.00148	0.0523	0.00000874	4.72	7.45	0.0426	0.00127	38.4	0.00379	0.00734	0.000142	0.00044	0.000238	0.106	0.00000195	0.00132	0.000427	0.00142	0.00115
2074 Sep	0.000201	0.00148	0.0522	0.00000876	4.73	7.46	0.0426	0.00127	38.4	0.0038	0.00734	0.000141	0.00044	0.000239	0.106	0.00000195	0.00132	0.000427	0.00141	0.00115
2074 Oct	0.000201	0.00148	0.0522	0.00000876	4.73	7.46	0.0426	0.00127	38.4	0.0038	0.00734	0.000141	0.00044	0.000239	0.106	0.00000195	0.00132	0.000427	0.00141	0.00115
2074 Nov	0.000201	0.00148	0.0522	0.00000876	4.73	7.47	0.0426	0.00127	38.4	0.0038	0.00734	0.000141	0.000441	0.000239	0.106	0.00000195	0.00132	0.000427	0.00141	0.00115
2074 Dec	0.000201	0.00148	0.0522	0.00000876	4.73	7.47	0.0426	0.00127	38.4	0.0038	0.00734	0.000141	0.000441	0.000239	0.106	0.00000195	0.00132	0.000427	0.00141	0.00115
2075 Jan	0.000201	0.00148	0.0522	0.00000876	4.73	7.47	0.0426	0.00127	38.4	0.0038	0.00734	0.000141	0.000441	0.000239	0.106	0.00000195	0.00132	0.000427	0.00141	0.00115
2075 Feb	0.000201	0.00148	0.0522	0.00000876	4.73	7.47	0.0426	0.00127	38.4	0.0038	0.00734	0.000141	0.000441	0.000239	0.106	0.00000195	0.00132	0.000427	0.00141	0.00115
2075 Mar	0.000201	0.00148	0.0522	0.00000876	4.73	7.47	0.0426	0.00127	38.4	0.0038	0.00734	0.000141	0.000441	0.000239	0.106	0.00000195	0.00132	0.000427	0.00141	0.00115
2075 Apr	0.000201	0.00148	0.0522	0.00000877	4.74	7.47	0.0426	0.00127	38.4	0.0038	0.00735	0.000141	0.000441	0.000239	0.106	0.00000195	0.00132	0.000427	0.00141	0.00115
2075 May	0.000201	0.00148	0.0524	0.00000878	4.74	7.48	0.0427	0.00127	38.4	0.00381	0.00736	0.000141	0.000441	0.000239	0.106	0.00000195	0.00132	0.000428	0.00142	0.00116
2075 Jun	0.0002	0.00147	0.0523	0.00000879	4.73	7.46	0.0426	0.00127	38.3	0.0038	0.00734	0.000141	0.000441	0.000239	0.106	0.00000194	0.00132	0.000428	0.00142	0.00115
2075 Jul	0.0002	0.00148	0.0524	0.00000882	4.74	7.48	0.0427	0.00127	38.4	0.00381	0.00735	0.000141	0.000443	0.000239	0.106	0.00000194	0.00133	0.000429	0.00142	0.00116
2075 Aug	0.000201	0.00148	0.0525	0.00000885	4.76	7.51	0.0428	0.00128	38.5	0.00383	0.00737	0.000141	0.000445	0.00024	0.107	0.00000195	0.00133	0.00043	0.00142	0.00116
2075 Sep	0.000201	0.00148	0.0525	0.00000887	4.78	7.53	0.0429	0.00128	38.6	0.00384	0.00738	0.000141	0.000446	0.000241	0.107	0.00000195	0.00134	0.000431	0.00143	0.00117
2075 Oct	0.000201	0.00148	0.0525	0.00000888	4.78	7.54	0.0429	0.00128	38.6	0.00384	0.00738	0.000141	0.000446	0.000241	0.107	0.00000195	0.00134	0.000431	0.00143	0.00117
2075 Nov	0.000201	0.00149	0.0526	0.00000888	4.78	7.54	0.0429	0.00128	38.6	0.00384	0.00739	0.000141	0.000446	0.000241	0.107	0.00000195	0.00134	0.000431	0.00143	0.00117
2075 Dec	0.000201	0.00149	0.0526	0.00000888	4.78	7.54	0.0429	0.00128	38.6	0.00384	0.00739	0.000141	0.000446	0.000241	0.107	0.00000195	0.00134	0.000431	0.00143	0.00117
2076 Jan	0.000201	0.00149	0.0526	0.00000888	4.78	7.54	0.0429	0.00128	38.6	0.00384	0.00739	0.000141	0.000446	0.000241	0.107	0.00000195	0.00134	0.000431	0.00143	0.00117
2076 Feb	0.000201	0.00149	0.0526	0.00000888	4.78	7.54	0.0429	0.00128	38.6	0.00384	0.00739	0.000141	0.000446	0.000241	0.107	0.00000195	0.00134	0.000431	0.00143	0.00117
2076 Mar	0.000201	0.00149	0.0526	0.00000888	4.78	7.54	0.0429	0.00128	38.6	0.00384	0.00739	0.000141	0.000446	0.000241	0.107	0.00000195	0.00134	0.000431	0.00143	0.00117
2076 Apr	0.000201	0.00149	0.0526	0.00000888	4.78	7.54	0.0429	0.00128	38.6	0.00384	0.00739	0.000141	0.000446	0.000241	0.107	0.00000195	0.00134	0.000431	0.00143	0.00117
2076 May	0.000202	0.00149	0.0528	0.00000889	4.78	7.55	0.0431	0.00129	38.6	0.00385	0.0074	0.000142	0.000447	0.000241	0.107	0.00000195	0.00134	0.000433	0.00143	0.00117
2076 Jun	0.000203	0.00148	0.0533	0.0000089	4.78	7.54	0.0433	0.00128	38.5	0.00384	0.00739	0.000144	0.000447	0.000241	0.107	0.00000194	0.00134	0.000435	0.00143	0.00117
2076 Jul	0.000204	0.00149	0.0534	0.00000894	4.8	7.58	0.0435	0.00129	38.6	0.00386	0.00741	0.000145	0.000449	0.000242	0.108	0.00000195	0.00134	0.000437	0.00143	0.00117
2076 Aug	0.000204	0.0015	0.0536	0.00000898	4.82	7.61	0.0437	0.0013	38.8	0.00388	0.00744	0.000145	0.000451	0.000243	0.108	0.00000195	0.00135	0.000439	0.00144	0.00118
2076 Sep	0.000205	0.0015	0.0537	0.000009	4.83	7.63	0.0437	0.0013	38.9	0.00389	0.00745	0.000145	0.000452	0.000244	0.108	0.00000195	0.00135	0.000439	0.00144	0.00118
2076 Oct	0.000204	0.0015	0.0536	0.000009	4.83	7.63	0.0437	0.0013	38.9	0.00389	0.00744	0.000145	0.000452	0.000244	0.108	0.00000195	0.00135	0.000439	0.00144	0.00118
2076 Nov	0.000204	0.0015	0.0536	0.000009	4.83	7.63	0.0437	0.0013	38.9	0.00389	0.00744	0.000145	0.000452	0.000244	0.108	0.00000195	0.00135	0.000439	0.00144	0.00118
2076 Dec	0.000204	0.0015	0.0536	0.000009	4.83	7.63	0.0437	0.0013	38.9	0.00389	0.00744	0.000145	0.000452	0.000244	0.108	0.00000195	0.00135	0.000439	0.00144	0.00118
2077 Jan	0.000204	0.0015	0.0536	0.000009	4.83	7.63	0.0437	0.0013	38.9	0.00389	0.00744	0.000145	0.000452	0.000244	0.108	0.00000195	0.00135	0.000439	0.00144	0.00118
2077 Feb	0.000204	0.0015	0.0536	0.000009	4.83	7.63	0.0437	0.0013	38.9	0.00389	0.00744	0.000145	0.000452	0.000244	0.108	0.00000195	0.00135	0.000439	0.00144	0.00118
2077 Mar	0.000204	0.0015	0.0536	0.000009	4.83	7.63	0.0437	0.0013	38.9	0.00389	0.00745	0.000145	0.000452	0.000244	0.108	0.00000195	0.00135	0.000439	0.00144	0.00118
2077 Apr	0.000204	0.0015	0.0536	0.000009	4.83	7.63	0.0437	0.0013	38.9	0.00389	0.00745	0.000145	0.000452	0.000244	0.108	0.00000195	0.00135	0.000439	0.00144	0.00118
2077 May	0.000205	0.0015	0.0538	0.00000901	4.84	7.64	0.0438	0.0013	38.9	0.00389	0.00746	0.000145	0.000452	0.000244	0.108	0.00000195	0.00136	0.00044	0.00144	0.00118
2077 Jun	0.000206	0.0015	0.0542	0.00000902	4.83	7.64	0.044	0.0013	38.8	0.00389	0.00744	0.000147	0.000452	0.000244	0.109	0.00000194	0.00135	0.000442	0.00144	0.00118
2077 Jul	0.000207	0.0015	0.0544	0.00000906	4.85	7.67	0.0442	0.00131	38.9	0.00391	0.00748	0.000148	0.000455	0.000245	0.109	0.00000195	0.00136	0.000444	0.00144	0.00119
2077 Aug	0.000207	0.00151	0.0546	0.0000091	4.88	7.71	0.0444	0.00131	39.1	0.00393	0.00751	0.000148	0.000457	0.000246	0.11	0.00000196	0.00137	0.000446	0.00145	0.00119
2077 Sep	0.000207	0.00151	0.0545	0.00000911	4.88	7.71	0.0444	0.00131	39.1	0.00393	0.0075	0.000148	0.000457	0.000246	0.11	0.00000195	0.00137	0.000445	0.00145	0.0012
2077 Oct	0.000207	0.00151	0.0545	0.00000911	4.88	7.72	0.0444	0.00132	39.1	0.00393	0.0075	0.000148	0.000457	0.000246	0.11	0.00000195	0.00137	0.000445	0.00144	0.0012
2077 Nov	0.000207	0.00151	0.0545	0.00000912	4.88	7.72	0.0444	0.00132	39.1	0.00393	0.0075	0.000148	0.000457	0.000246	0.11	0.00000195	0.00137	0.000445	0.00144	0.0012
2077 Dec	0.000207	0.00151	0.0545	0.00000912	4.88	7.72	0.0444	0.00132	39.1	0.00393	0.0075	0.000148	0.000457	0.000246	0.11	0.00000195	0.00137	0.000445	0.00145	0.0012
2078 Jan	0.000207	0.00151	0.0545	0.00000912	4.88	7.72	0.0444	0.00132	39.1	0.00393	0.0075	0.000148	0.000457	0.000246	0.11	0.00000195	0.00137	0.000445	0.00145	0.0012
2078 Feb	0.000207	0.00151	0.0545	0.00000912	4.88	7.72	0.0444	0.00132	39.1	0.00393	0.0075	0.000148	0.000457	0.000246	0.11	0.00000195	0.00137	0.000445	0.00145	0.0012
2078 Mar	0.000207	0.00151	0.0545	0.00000912	4.88	7.72	0.0444	0.00132	39.1	0.00393	0.0075	0.000148	0.000457	0.000246	0.11	0.00000195	0.00137	0.000445	0.00145	0.0012
2078 Apr	0.000207	0.00151	0.0545	0.00000912	4.89	7.72	0.0444	0.00132	39.1	0.00393	0.0075	0.000148	0.000458	0.000247	0.11	0.00000195	0.00137	0.000446	0.00145	0.0012
2078 May	0.000208	0.00151	0.055	0.00000913	4.88	7.72	0.0447	0.00131	39.1	0.00393	0.00751	0.00015	0.000458	0.000247	0.11	0.00000195	0.00137	0.000448	0.00145	0.0012
2078 Jun	0.000209	0.00151	0.0554	0.00000913	4.88	7.72	0.0449	0.00131	39	0.00393	0.0075	0.000152	0.000458	0.000246	0.11	0.00000194	0.00137	0.000451	0.00144	0.0012
2078 Jul	0.00021	0.00151	0.0556	0.00000918	4.91	7.76	0.0451	0.00132	39.1	0.00395	0.00753	0.000153	0.00046	0.000248	0.111	0.00000195	0.00138	0.000453	0.00145	0.0012
2078 Aug	0.000211	0.00152	0.0557	0.00000921	4.92	7.79	0.0453	0.00133	39.3	0.00397	0.00755	0.000153	0.000462	0.000249	0.111	0.00000195	0.00138	0.000454	0.00145	0.00121
2078 Sep	0.000211	0.00152	0.0558	0.00000923	4.94	7.81	0.0453	0.00133	39.4	0.00398	0.00756	0.000153	0.000463	0.000249	0.111	0.00000195	0.00139	0.000454	0.00146	0.00121
2078 Oct	0.000211	0.00152	0.0557	0.00000924	4.94	7.81	0.0453	0.00133	39.4	0.00398	0.00756	0.000153	0.000463	0.000249	0.111	0.00000195	0.00139	0.000454	0.00145	0.00121
2078 Nov	0.000211	0.00152	0.0557	0.00000924	4.94	7.82	0.0453	0.00133	39.4	0.00398	0.00756	0.000153	0.000463	0.000249	0.111	0.00000195	0.00139	0.000454	0.00145	0.00121
2078 Dec	0.000211	0.00152	0.0558	0.00000924	4.94	7.82	0.0453	0.00133	39.4	0.00398	0.00756	0.000153	0.000463	0.000249	0.111	0.00000195	0.00139	0.000454	0.00145	0.00121
2079 Jan	0.000211	0.00152	0.0558	0.00000924	4.94	7.82	0.0453	0.00133	39.4	0.00398	0.00756	0.000153	0.000463	0.000249	0.111	0.00000195	0.00139	0.000454	0.00145	0.00121

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2079 Feb	0.000211	0.00152	0.0558	0.00000924	4.94	7.82	0.0453	0.00133	39.4	0.00398	0.00756	0.000153	0.000463	0.000249	0.111	0.00000195	0.00139	0.000454	0.00145	0.00121
2079 Mar	0.000211	0.00152	0.0558	0.00000924	4.94	7.82	0.0453	0.00133	39.4	0.00398	0.00756	0.000153	0.000463	0.000249	0.111	0.00000195	0.00139	0.000454	0.00146	0.00121
2079 Apr	0.000211	0.00152	0.0558	0.00000924	4.94	7.82	0.0454	0.00133	39.4	0.00398	0.00756	0.000153	0.000463	0.00025	0.111	0.00000195	0.00139	0.000454	0.00146	0.00121
2079 May	0.000211	0.00152	0.0559	0.00000926	4.95	7.83	0.0454	0.00133	39.4	0.00399	0.00757	0.000153	0.000464	0.00025	0.111	0.00000196	0.00139	0.000455	0.00146	0.00121
2079 Jun	0.000211	0.00152	0.056	0.00000926	4.93	7.81	0.0454	0.00133	39.2	0.00398	0.00755	0.000153	0.000464	0.000249	0.111	0.00000195	0.00139	0.000456	0.00146	0.00121
2079 Jul	0.000211	0.00152	0.0561	0.00000929	4.95	7.83	0.0455	0.00133	39.3	0.00399	0.00757	0.000154	0.000465	0.00025	0.111	0.00000195	0.00139	0.000457	0.00146	0.00122
2079 Aug	0.000212	0.00153	0.0563	0.00000933	4.97	7.87	0.0457	0.00134	39.5	0.00401	0.00759	0.000154	0.000467	0.000251	0.112	0.00000195	0.0014	0.000459	0.00146	0.00122
2079 Sep	0.000212	0.00153	0.0562	0.00000934	4.98	7.88	0.0458	0.00134	39.5	0.00402	0.0076	0.000154	0.000468	0.000251	0.112	0.00000195	0.0014	0.000459	0.00146	0.00122
2079 Oct	0.000212	0.00153	0.0562	0.00000934	4.98	7.88	0.0457	0.00134	39.5	0.00402	0.00759	0.000153	0.000468	0.000251	0.112	0.00000195	0.0014	0.000458	0.00146	0.00122
2079 Nov	0.000212	0.00153	0.0562	0.00000934	4.98	7.88	0.0457	0.00134	39.5	0.00402	0.00759	0.000153	0.000468	0.000251	0.112	0.00000195	0.0014	0.000458	0.00146	0.00122
2079 Dec	0.000212	0.00153	0.0562	0.00000934	4.98	7.88	0.0457	0.00134	39.5	0.00402	0.00759	0.000153	0.000468	0.000251	0.112	0.00000195	0.0014	0.000458	0.00146	0.00122
2080 Jan	0.000212	0.00153	0.0562	0.00000934	4.98	7.88	0.0457	0.00134	39.5	0.00402	0.00759	0.000153	0.000468	0.000251	0.112	0.00000195	0.0014	0.000458	0.00146	0.00122
2080 Feb	0.000212	0.00153	0.0562	0.00000934	4.98	7.88	0.0457	0.00134	39.5	0.00402	0.00759	0.000153	0.000468	0.000251	0.112	0.00000195	0.0014	0.000458	0.00146	0.00122
2080 Mar	0.000212	0.00153	0.0562	0.00000934	4.98	7.88	0.0457	0.00134	39.5	0.00402	0.00759	0.000153	0.000468	0.000251	0.112	0.00000195	0.0014	0.000458	0.00146	0.00122
2080 Apr	0.000212	0.00153	0.0562	0.00000935	4.98	7.88	0.0457	0.00134	39.5	0.00402	0.0076	0.000153	0.000468	0.000251	0.112	0.00000195	0.0014	0.000458	0.00146	0.00122
2080 May	0.000212	0.00153	0.0563	0.00000936	4.99	7.89	0.0458	0.00135	39.6	0.00402	0.00761	0.000153	0.000469	0.000252	0.112	0.00000195	0.0014	0.000459	0.00146	0.00123
2080 Jun	0.000211	0.00153	0.0563	0.00000937	4.98	7.88	0.0457	0.00135	39.5	0.00402	0.0076	0.000153	0.000469	0.000252	0.112	0.00000195	0.0014	0.000459	0.00147	0.00123
2080 Jul	0.000212	0.00153	0.0563	0.0000094	4.99	7.91	0.0458	0.00135	39.6	0.00403	0.00761	0.000153	0.00047	0.000252	0.112	0.00000195	0.00141	0.00046	0.00147	0.00123
2080 Aug	0.000212	0.00153	0.0565	0.00000943	5.01	7.93	0.046	0.00135	39.7	0.00405	0.00763	0.000153	0.000472	0.000253	0.112	0.00000195	0.00141	0.000461	0.00147	0.00123
2080 Sep	0.000212	0.00153	0.0564	0.00000945	5.02	7.95	0.046	0.00136	39.7	0.00405	0.00763	0.000153	0.000473	0.000254	0.113	0.00000195	0.00142	0.000461	0.00147	0.00124
2080 Oct	0.000212	0.00153	0.0564	0.00000945	5.02	7.95	0.046	0.00136	39.7	0.00405	0.00763	0.000153	0.000473	0.000254	0.113	0.00000195	0.00142	0.000461	0.00147	0.00124
2080 Nov	0.000212	0.00153	0.0564	0.00000945	5.02	7.95	0.046	0.00136	39.7	0.00405	0.00763	0.000152	0.000473	0.000254	0.112	0.00000195	0.00142	0.000461	0.00147	0.00124
2080 Dec	0.000212	0.00153	0.0564	0.00000945	5.02	7.95	0.046	0.00136	39.7	0.00405	0.00763	0.000152	0.000473	0.000254	0.112	0.00000195	0.00142	0.000461	0.00147	0.00124
2081 Jan	0.000212	0.00153	0.0564	0.00000945	5.02	7.95	0.046	0.00136	39.7	0.00405	0.00763	0.000152	0.000473	0.000254	0.112	0.00000195	0.00142	0.000461	0.00147	0.00124
2081 Feb	0.000212	0.00153	0.0564	0.00000945	5.02	7.95	0.046	0.00136	39.7	0.00405	0.00763	0.000152	0.000473	0.000254	0.113	0.00000195	0.00142	0.000461	0.00147	0.00124
2081 Mar	0.000212	0.00153	0.0564	0.00000945	5.02	7.95	0.046	0.00136	39.7	0.00405	0.00763	0.000152	0.000473	0.000254	0.113	0.00000195	0.00142	0.000461	0.00147	0.00124
2081 Apr	0.000212	0.00153	0.0564	0.00000945	5.02	7.95	0.046	0.00136	39.7	0.00405	0.00763	0.000152	0.000473	0.000254	0.113	0.00000195	0.00142	0.000461	0.00147	0.00124
2081 May	0.000213	0.00153	0.0568	0.00000947	5.02	7.95	0.0462	0.00136	39.7	0.00406	0.00765	0.000154	0.000473	0.000254	0.113	0.00000195	0.00142	0.000463	0.00147	0.00124
2081 Jun	0.000214	0.00153	0.0571	0.00000947	5.02	7.96	0.0464	0.00136	39.7	0.00406	0.00764	0.000156	0.000474	0.000254	0.113	0.00000194	0.00142	0.000465	0.00147	0.00124
2081 Jul	0.000215	0.00154	0.0574	0.00000952	5.05	8	0.0466	0.00137	39.9	0.00408	0.00768	0.000156	0.000476	0.000255	0.114	0.00000195	0.00143	0.000467	0.00148	0.00124
2081 Aug	0.000216	0.00155	0.0576	0.00000957	5.08	8.04	0.0468	0.00137	40.1	0.0041	0.00771	0.000157	0.000479	0.000256	0.114	0.00000196	0.00143	0.000469	0.00149	0.00125
2081 Sep	0.000216	0.00155	0.0576	0.00000959	5.09	8.06	0.0469	0.00138	40.1	0.00411	0.00772	0.000157	0.00048	0.000257	0.114	0.00000196	0.00144	0.00047	0.00149	0.00125
2081 Oct	0.000216	0.00155	0.0576	0.00000959	5.09	8.06	0.0469	0.00138	40.1	0.00411	0.00772	0.000157	0.00048	0.000257	0.114	0.00000196	0.00144	0.00047	0.00149	0.00126
2081 Nov	0.000216	0.00155	0.0576	0.00000959	5.09	8.06	0.0469	0.00138	40.1	0.00411	0.00772	0.000157	0.00048	0.000257	0.114	0.00000196	0.00144	0.00047	0.00149	0.00126
2081 Dec	0.000216	0.00155	0.0576	0.00000959	5.09	8.06	0.0469	0.00138	40.1	0.00411	0.00772	0.000157	0.00048	0.000257	0.114	0.00000196	0.00144	0.00047	0.00149	0.00126
2082 Jan	0.000216	0.00155	0.0576	0.00000959	5.09	8.06	0.0469	0.00138	40.1	0.00411	0.00772	0.000157	0.00048	0.000257	0.114	0.00000196	0.00144	0.00047	0.00149	0.00126
2082 Feb	0.000216	0.00155	0.0576	0.00000959	5.09	8.06	0.0469	0.00138	40.1	0.00411	0.00772	0.000157	0.00048	0.000257	0.114	0.00000196	0.00144	0.00047	0.00149	0.00126
2082 Mar	0.000216	0.00155	0.0576	0.00000959	5.09	8.06	0.0469	0.00138	40.1	0.00411	0.00772	0.000157	0.00048	0.000257	0.114	0.00000196	0.00144	0.00047	0.00149	0.00126
2082 Apr	0.000216	0.00155	0.0576	0.0000096	5.09	8.06	0.0469	0.00138	40.1	0.00411	0.00772	0.000157	0.00048	0.000257	0.114	0.00000196	0.00144	0.00047	0.00149	0.00126
2082 May	0.000216	0.00155	0.0577	0.00000961	5.1	8.07	0.047	0.00138	40.2	0.00412	0.00773	0.000157	0.000481	0.000257	0.114	0.00000196	0.00144	0.00047	0.00149	0.00126
2082 Jun	0.000215	0.00155	0.0575	0.0000096	5.08	8.05	0.0468	0.00138	40	0.00411	0.00771	0.000156	0.00048	0.000257	0.114	0.00000195	0.00144	0.00047	0.00149	0.00125
2082 Jul	0.000214	0.00155	0.0575	0.00000963	5.09	8.06	0.0468	0.00138	40	0.00411	0.00771	0.000155	0.000481	0.000257	0.114	0.00000195	0.00144	0.00047	0.00149	0.00126
2082 Aug	0.000215	0.00155	0.0577	0.00000967	5.11	8.09	0.047	0.00138	40.2	0.00413	0.00773	0.000156	0.000483	0.000258	0.114	0.00000196	0.00145	0.000472	0.00149	0.00126
2082 Sep	0.000215	0.00155	0.0578	0.00000969	5.12	8.11	0.0471	0.00139	40.2	0.00414	0.00774	0.000156	0.000484	0.000259	0.115	0.00000196	0.00145	0.000472	0.0015	0.00127
2082 Oct	0.000215	0.00155	0.0576	0.00000968	5.12	8.11	0.047	0.00139	40.2	0.00414	0.00773	0.000155	0.000484	0.000258	0.115	0.00000195	0.00145	0.000471	0.00149	0.00127
2082 Nov	0.000215	0.00155	0.0577	0.00000968	5.12	8.11	0.047	0.00139	40.2	0.00414	0.00773	0.000155	0.000484	0.000259	0.115	0.00000195	0.00145	0.000471	0.00149	0.00127
2082 Dec	0.000215	0.00155	0.0577	0.00000968	5.12	8.11	0.047	0.00139	40.2	0.00414	0.00773	0.000155	0.000484	0.000259	0.115	0.00000195	0.00145	0.000471	0.00149	0.00127
2083 Jan	0.000215	0.00155	0.0577	0.00000968	5.12	8.11	0.047	0.00139	40.2	0.00414	0.00773	0.000155	0.000484	0.000259	0.115	0.00000195	0.00145	0.000471	0.00149	0.00127
2083 Feb	0.000215	0.00155	0.0577	0.00000969	5.12	8.11	0.047	0.00139	40.2	0.00414	0.00773	0.000155	0.000484	0.000259	0.115	0.00000195	0.00145	0.000471	0.00149	0.00127
2083 Mar	0.000215	0.00155	0.0577	0.00000969	5.12	8.11	0.047	0.00139	40.2	0.00414	0.00774	0.000155	0.000484	0.000259	0.115	0.00000195	0.00145	0.000472	0.00149	0.00127
2083 Apr	0.000215	0.00155	0.0577	0.00000969	5.12	8.11	0.047	0.00139	40.2	0.00414	0.00774	0.000155	0.000484	0.000259	0.115	0.00000195	0.00145	0.000472	0.00149	0.00127
2083 May	0.000216	0.00155	0.058	0.0000097	5.12	8.12	0.0472	0.00139	40.2	0.00414	0.00775	0.000157	0.000485	0.000259	0.115	0.00000196	0.00145	0.000474	0.00149	0.00127
2083 Jun	0.000217	0.00155	0.0584	0.0000097	5.11	8.11	0.0474	0.00139	40.1	0.00414	0.00774	0.000159	0.000484	0.000258	0.115	0.00000195	0.00145	0.000476	0.00149	0.00126
2083 Jul	0.000218	0.00156	0.0586	0.00000974	5.14	8.14	0.0476	0.00139	40.2	0.00415	0.00776	0.000159	0.000486	0.00026	0.115	0.00000195	0.00145	0.000477	0.0015	0.00127
2083 Aug	0.000218	0.00156	0.0587	0.00000977	5.15	8.17	0.0477	0.0014	40.3	0.00417	0.00777	0.000159	0.000488	0.00026	0.116	0.00000195	0.00146	0.000478	0.0015	0.00127
2083 Sep	0.000218	0.00156	0.0587	0.00000978	5.16	8.18	0.0477	0.0014	40.4	0.00417	0.00778	0.000159	0.000488	0.000261	0.116	0.00000195	0.00146	0.000478	0.0015	0.00128
2083 Oct	0.000217	0.00156	0.0586	0.00000978	5.15	8.17	0.0476	0.0014	40.3	0.00417	0.00777	0.000159	0.000488	0.00026	0.116	0.00000195	0.00146	0.000477	0.0015	0.00128
2083 Nov	0.000217	0.00156	0.0585	0.00000978	5.15	8.17	0.0476	0.0014	40.3	0.00417	0.00776	0.000158	0.000488	0.00026	0.116	0.00000194	0.00146	0.000477	0.0015	0.00128
2083 Dec	0.000217	0.00156	0.0585	0.00000978	5.15	8.17	0.0476	0.0014	40.3	0.00417	0.00777	0.000158	0.000488	0.00026	0.116	0.00000194	0.00146	0.000477	0.0015	0.00128
2084 Jan	0.000217	0.00156	0.0585	0.00000978	5.15	8.17	0.0476	0.0014	40.3	0.00417	0.00777	0.000158	0.000488	0.00026	0.116	0.00000194	0.00146	0.000477	0.0015	0.00128
2084 Feb	0.000217	0.00156	0.0585	0.00000978	5.15	8.17	0.0476	0.0014	40.3	0.00417	0.00777	0.000158	0.000488	0.00026	0.116	0.00000194	0.00146	0.000477	0.0015	0.00128
2084 Mar	0.000217	0.00156	0.0585	0.00000978	5.15	8.17	0.0476	0.0014	40.3	0.00417	0.00777	0.000158	0.000488	0.00026	0.116	0.00000194	0.00146	0.000477	0.0015	0.00128
2084 Apr	0.000217	0.00156	0.0586	0.00000978	5.16	8.18	0.0477	0.0014	40.3	0.00417	0.00777	0.000158	0.000488	0.000261	0.116	0.00000195	0.00146	0.000477	0.0015	0.00128
2084 May	0.000219	0.00156	0.059	0.0000098	5.16	8.18	0.0479	0.0014	40.3	0.00417	0.00778	0.00016	0.000488	0.000261	0.116	0.00000195	0.00146	0.00048	0.0015	0.00128
2084 Jun	0.000219	0.00156	0.0593	0.00000979	5.15	8.18	0.048	0.0014	40.2	0.00417	0.00777	0.000162	0.000488	0.00026	0.116	0.00000194	0.00146	0.000481	0.00149	0.00128
2084 Jul	0.00022	0.00156	0.0594	0.00000983	5.17	8.21	0.0482	0.0014	40.3	0.00419	0.00779	0.000162	0.00049	0.000262	0.116	0.00000194	0.00147	0.000483	0.0015	0.00128
2084 Aug	0.000221	0.00157	0.0596	0.00000987	5.2	8.25	0.0484	0.00141	40.5	0.00421	0.00781	0.000163	0.000492	0.000263	0.117	0.00000195	0.00147	0.000485	0.0015	0.00129

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Sep	0.000221	0.00157	0.0596	0.00000988	5.2	8.26	0.0484	0.00141	40.5	0.00421	0.00782	0.000163	0.000493	0.000263	0.117	0.00000195	0.00148	0.000485	0.0015	0.00129
2084 Oct	0.00022	0.00157	0.0595	0.00000988	5.2	8.26	0.0484	0.00141	40.5	0.00421	0.00781	0.000162	0.000493	0.000263	0.117	0.00000194	0.00148	0.000484	0.0015	0.00129
2084 Nov	0.00022	0.00157	0.0595	0.00000988	5.2	8.25	0.0484	0.00141	40.5	0.00421	0.00781	0.000162	0.000493	0.000263	0.117	0.00000194	0.00148	0.000484	0.0015	0.00129
2084 Dec	0.00022	0.00157	0.0595	0.00000988	5.2	8.25	0.0484	0.00141	40.5	0.00421	0.00781	0.000162	0.000493	0.000263	0.117	0.00000194	0.00148	0.000484	0.0015	0.00129
2085 Jan	0.00022	0.00157	0.0595	0.00000988	5.2	8.25	0.0484	0.00141	40.5	0.00421	0.00781	0.000162	0.000493	0.000263	0.117	0.00000194	0.00148	0.000484	0.0015	0.00129
2085 Feb	0.00022	0.00157	0.0595	0.00000988	5.2	8.25	0.0484	0.00141	40.5	0.00421	0.00781	0.000162	0.000493	0.000263	0.117	0.00000194	0.00148	0.000484	0.0015	0.00129
2085 Mar	0.00022	0.00157	0.0595	0.00000988	5.2	8.25	0.0484	0.00141	40.5	0.00421	0.00781	0.000162	0.000493	0.000263	0.117	0.00000194	0.00148	0.000484	0.0015	0.00129
2085 Apr	0.00022	0.00157	0.0595	0.00000989	5.2	8.26	0.0484	0.00141	40.5	0.00421	0.00781	0.000162	0.000493	0.000263	0.117	0.00000194	0.00148	0.000484	0.0015	0.00129
2085 May	0.000221	0.00157	0.0598	0.0000099	5.21	8.26	0.0486	0.00141	40.5	0.00422	0.00782	0.000164	0.000493	0.000263	0.117	0.00000194	0.00148	0.000486	0.0015	0.00129
2085 Jun	0.000222	0.00157	0.0602	0.00000991	5.21	8.27	0.0488	0.00142	40.5	0.00422	0.00783	0.000165	0.000494	0.000263	0.117	0.00000194	0.00148	0.000488	0.0015	0.00129
2085 Jul	0.000223	0.00158	0.0604	0.00000996	5.23	8.31	0.049	0.00142	40.7	0.00424	0.00786	0.000166	0.000496	0.000265	0.118	0.00000195	0.00149	0.00049	0.00151	0.0013
2085 Aug	0.000223	0.00158	0.0604	0.00000998	5.25	8.34	0.0491	0.00143	40.8	0.00425	0.00786	0.000166	0.000498	0.000265	0.118	0.00000195	0.00149	0.000491	0.00151	0.0013
2085 Sep	0.000223	0.00158	0.0603	0.00000999	5.25	8.34	0.0491	0.00143	40.8	0.00426	0.00786	0.000165	0.000498	0.000266	0.118	0.00000194	0.00149	0.00049	0.00151	0.0013
2085 Oct	0.000223	0.00158	0.0603	0.00000999	5.25	8.34	0.049	0.00143	40.8	0.00425	0.00785	0.000165	0.000498	0.000265	0.118	0.00000194	0.00149	0.00049	0.00151	0.0013
2085 Nov	0.000222	0.00158	0.0602	0.00000999	5.25	8.34	0.049	0.00143	40.7	0.00425	0.00785	0.000164	0.000498	0.000265	0.118	0.00000194	0.00149	0.000489	0.00151	0.0013
2085 Dec	0.000222	0.00158	0.0602	0.00000999	5.25	8.34	0.049	0.00143	40.7	0.00425	0.00785	0.000164	0.000498	0.000265	0.118	0.00000194	0.00149	0.000489	0.00151	0.0013
2086 Jan	0.000222	0.00158	0.0602	0.00000999	5.25	8.34	0.049	0.00143	40.7	0.00425	0.00785	0.000164	0.000498	0.000265	0.118	0.00000194	0.00149	0.000489	0.00151	0.0013
2086 Feb	0.000222	0.00158	0.0602	0.00000999	5.25	8.34	0.049	0.00143	40.7	0.00425	0.00785	0.000164	0.000498	0.000265	0.118	0.00000194	0.00149	0.000489	0.00151	0.0013
2086 Mar	0.000222	0.00158	0.0602	0.00000999	5.25	8.34	0.049	0.00143	40.7	0.00425	0.00785	0.000164	0.000498	0.000265	0.118	0.00000194	0.00149	0.000489	0.00151	0.0013
2086 Apr	0.000223	0.00158	0.0602	0.00000999	5.25	8.34	0.049	0.00143	40.8	0.00426	0.00786	0.000164	0.000498	0.000266	0.118	0.00000194	0.00149	0.000489	0.00151	0.0013
2086 May	0.000223	0.00158	0.0604	0.00001	5.26	8.35	0.0491	0.00143	40.8	0.00426	0.00787	0.000165	0.000499	0.000266	0.118	0.00000194	0.00149	0.000491	0.00151	0.00131
2086 Jun	0.000224	0.00158	0.0607	0.00001	5.24	8.33	0.0492	0.00143	40.6	0.00425	0.00785	0.000167	0.000498	0.000265	0.118	0.00000193	0.00149	0.000492	0.00151	0.0013
2086 Jul	0.000224	0.00158	0.0609	0.00001	5.27	8.37	0.0494	0.00143	40.8	0.00427	0.00788	0.000167	0.0005	0.000267	0.119	0.00000194	0.0015	0.000494	0.00151	0.00131
2086 Aug	0.000225	0.00159	0.061	0.0000101	5.29	8.41	0.0496	0.00144	40.9	0.00429	0.0079	0.000167	0.000502	0.000268	0.119	0.00000194	0.00151	0.000496	0.00152	0.00131
2086 Sep	0.000225	0.00159	0.061	0.0000101	5.3	8.42	0.0496	0.00144	41	0.0043	0.0079	0.000167	0.000503	0.000268	0.119	0.00000194	0.00151	0.000495	0.00152	0.00132
2086 Oct	0.000225	0.00159	0.061	0.0000101	5.3	8.42	0.0496	0.00144	41	0.0043	0.00791	0.000167	0.000503	0.000268	0.119	0.00000194	0.00151	0.000496	0.00152	0.00132
2086 Nov	0.000225	0.00159	0.061	0.0000101	5.3	8.43	0.0496	0.00144	41	0.0043	0.00791	0.000167	0.000504	0.000268	0.119	0.00000194	0.00151	0.000496	0.00152	0.00132
2086 Dec	0.000225	0.00159	0.061	0.0000101	5.3	8.43	0.0496	0.00144	41	0.0043	0.00791	0.000167	0.000504	0.000268	0.119	0.00000194	0.00151	0.000496	0.00152	0.00132
2087 Jan	0.000225	0.00159	0.061	0.0000101	5.3	8.43	0.0496	0.00144	41	0.0043	0.00791	0.000167	0.000504	0.000268	0.119	0.00000194	0.00151	0.000496	0.00152	0.00132
2087 Feb	0.000225	0.00159	0.061	0.0000101	5.3	8.43	0.0496	0.00144	41	0.0043	0.00791	0.000167	0.000504	0.000268	0.119	0.00000194	0.00151	0.000496	0.00152	0.00132
2087 Mar	0.000225	0.00159	0.061	0.0000101	5.3	8.43	0.0496	0.00144	41	0.0043	0.00791	0.000167	0.000504	0.000268	0.119	0.00000194	0.00151	0.000496	0.00152	0.00132
2087 Apr	0.000225	0.00159	0.0611	0.0000101	5.3	8.43	0.0497	0.00145	41	0.0043	0.00791	0.000167	0.000504	0.000268	0.119	0.00000194	0.00151	0.000496	0.00152	0.00132
2087 May	0.000225	0.00159	0.0612	0.0000101	5.31	8.43	0.0498	0.00145	41	0.0043	0.00792	0.000168	0.000504	0.000268	0.119	0.00000194	0.00151	0.000497	0.00152	0.00132
2087 Jun	0.000226	0.00159	0.0616	0.0000101	5.3	8.43	0.05	0.00144	40.9	0.0043	0.00791	0.00017	0.000504	0.000268	0.12	0.00000194	0.00151	0.000499	0.00152	0.00132
2087 Jul	0.000227	0.00159	0.0617	0.0000102	5.33	8.47	0.0501	0.00145	41.1	0.00432	0.00794	0.00017	0.000506	0.000269	0.12	0.00000194	0.00152	0.000501	0.00152	0.00132
2087 Aug	0.000228	0.0016	0.0619	0.0000102	5.35	8.5	0.0503	0.00146	41.3	0.00434	0.00796	0.00017	0.000508	0.000271	0.12	0.00000195	0.00152	0.000502	0.00153	0.00133
2087 Sep	0.000228	0.0016	0.062	0.0000102	5.36	8.52	0.0504	0.00146	41.4	0.00435	0.00798	0.000171	0.000509	0.000271	0.121	0.00000195	0.00153	0.000503	0.00153	0.00133
2087 Oct	0.000228	0.0016	0.062	0.0000102	5.36	8.53	0.0504	0.00146	41.4	0.00435	0.00798	0.00017	0.00051	0.000271	0.121	0.00000195	0.00153	0.000503	0.00153	0.00133
2087 Nov	0.000228	0.0016	0.062	0.0000102	5.36	8.52	0.0504	0.00146	41.4	0.00435	0.00798	0.00017	0.00051	0.000271	0.121	0.00000195	0.00153	0.000503	0.00153	0.00133
2087 Dec	0.000228	0.0016	0.062	0.0000102	5.36	8.53	0.0504	0.00146	41.4	0.00435	0.00798	0.00017	0.00051	0.000271	0.121	0.00000195	0.00153	0.000503	0.00153	0.00133
2088 Jan	0.000228	0.0016	0.062	0.0000102	5.36	8.53	0.0504	0.00146	41.4	0.00435	0.00798	0.00017	0.00051	0.000271	0.121	0.00000195	0.00153	0.000503	0.00153	0.00133
2088 Feb	0.000228	0.0016	0.062	0.0000102	5.36	8.53	0.0504	0.00146	41.4	0.00435	0.00798	0.00017	0.00051	0.000271	0.121	0.00000195	0.00153	0.000503	0.00153	0.00133
2088 Mar	0.000228	0.0016	0.062	0.0000102	5.36	8.53	0.0504	0.00146	41.4	0.00435	0.00798	0.00017	0.00051	0.000271	0.121	0.00000195	0.00153	0.000503	0.00153	0.00133
2088 Apr	0.000228	0.0016	0.0621	0.0000102	5.37	8.53	0.0505	0.00146	41.4	0.00435	0.00798	0.00017	0.00051	0.000271	0.121	0.00000195	0.00153	0.000503	0.00153	0.00134
2088 May	0.000229	0.00161	0.0622	0.0000103	5.38	8.55	0.0505	0.00147	41.5	0.00436	0.008	0.000171	0.000511	0.000272	0.121	0.00000196	0.00153	0.000504	0.00153	0.00134
2088 Jun	0.000228	0.0016	0.0622	0.0000103	5.37	8.54	0.0505	0.00146	41.4	0.00436	0.00799	0.000171	0.000511	0.000272	0.121	0.00000195	0.00153	0.000505	0.00154	0.00134
2088 Jul	0.000229	0.00161	0.0624	0.0000103	5.39	8.57	0.0507	0.00147	41.5	0.00438	0.00802	0.000171	0.000513	0.000273	0.121	0.00000196	0.00154	0.000507	0.00154	0.00134
2088 Aug	0.00023	0.00162	0.0627	0.0000104	5.42	8.62	0.051	0.00148	41.7	0.0044	0.00806	0.000172	0.000516	0.000274	0.122	0.00000197	0.00155	0.000509	0.00155	0.00135
2088 Sep	0.00023	0.00162	0.0628	0.0000104	5.43	8.64	0.051	0.00148	41.8	0.00441	0.00807	0.000172	0.000517	0.000275	0.122	0.00000197	0.00155	0.00051	0.00155	0.00135
2088 Oct	0.00023	0.00162	0.0626	0.0000104	5.43	8.63	0.051	0.00148	41.8	0.00441	0.00806	0.000171	0.000517	0.000275	0.122	0.00000196	0.00155	0.000509	0.00155	0.00135
2088 Nov	0.00023	0.00162	0.0626	0.0000104	5.43	8.63	0.0509	0.00148	41.8	0.00441	0.00806	0.000171	0.000517	0.000275	0.122	0.00000196	0.00155	0.000509	0.00155	0.00135
2088 Dec	0.00023	0.00162	0.0626	0.0000104	5.43	8.63	0.0509	0.00148	41.8	0.00441	0.00806	0.000171	0.000517	0.000275	0.122	0.00000196	0.00155	0.000509	0.00155	0.00135
2089 Jan	0.00023	0.00162	0.0626	0.0000104	5.43	8.63	0.0509	0.00148	41.8	0.00441	0.00806	0.000171	0.000517	0.000275	0.122	0.00000196	0.00155	0.000509	0.00155	0.00135
2089 Feb	0.00023	0.00162	0.0626	0.0000104	5.43	8.63	0.0509	0.00148	41.8	0.00441	0.00806	0.000171	0.000517	0.000275	0.122	0.00000196	0.00155	0.000509	0.00155	0.00135
2089 Mar	0.00023	0.00162	0.0626	0.0000104	5.43	8.63	0.051	0.00148	41.8	0.00441	0.00806	0.000171	0.000517	0.000275	0.122	0.00000196	0.00155	0.000509	0.00155	0.00135
2089 Apr	0.00023	0.00162	0.0627	0.0000104	5.43	8.64	0.051	0.00148	41.8	0.00441	0.00806	0.000171	0.000517	0.000275	0.122	0.00000196	0.00155	0.000509	0.00155	0.00135
2089 May	0.000231	0.00162	0.0629	0.0000104	5.44	8.64	0.0511	0.00148	41.8	0.00441	0.00807	0.000172	0.000517	0.000275	0.122	0.00000197	0.00155	0.00051	0.00155	0.00135
2089 Jun	0.000232	0.00162	0.0633	0.0000104	5.44	8.65	0.0514	0.00148	41.8	0.00441	0.00808	0.000174	0.000518	0.000275	0.123	0.00000196	0.00155	0.000513	0.00155	0.00135
2089 Jul	0.000232	0.00163	0.0635	0.0000105	5.46	8.69	0.0516	0.00149	41.9	0.00443	0.00811	0.000175	0.00052	0.000276	0.123	0.00000197	0.00156	0.000515	0.00156	0.00136
2089 Aug	0.000233	0.00163	0.0637	0.0000105	5.48	8.72	0.0517	0.0015	42.1	0.00445	0.00813	0.000175	0.000522	0.000277	0.123	0.00000197	0.00156	0.000517	0.00156	0.00137
2089 Sep	0.000233	0.00164	0.0638	0.0000105	5.49	8.74	0.0518	0.0015	42.2	0.00446	0.00814	0.000175	0.000523	0.000278	0.124	0.00000197	0.00157	0.000517	0.00156	0.00137
2089 Oct	0.000233	0.00163	0.0636	0.0000105	5.49	8.73	0.0517	0.0015	42.1	0.00446	0.00813	0.000174	0.000522	0.000278	0.123	0.00000197	0.00157	0.000516	0.00156	0.00137
2089 Nov	0.000233	0.00163	0.0636	0.0000105	5.49	8.73	0.0517	0.0015	42.1	0.00446	0.00813	0.000174	0.000522	0.000278	0.123	0.00000197	0.00157	0.000516	0.00156	0.00137
2089 Dec	0.000233	0.00163	0.0636	0.0000105	5.49	8.73	0.0517	0.0015	42.1	0.00446	0.00813	0.000174	0.000522	0.000278	0.123	0.00000197	0.00157	0.000516	0.00156	0.00137
2090 Jan	0.000233	0.00163	0.0636	0.0000105	5.49	8.73	0.0517	0.0015	42.1	0.00446	0.00813	0.000174	0.000522	0.000278	0.123	0.00000197	0.00157	0.000516	0.00156	0.00137
2090 Feb	0.000233	0.00163	0.0636	0.0000105	5.49	8.73	0.0517	0.0015	42.1	0.00446	0.00813	0.000174	0.000522	0.000278	0.123	0.00000197	0.00157	0.000516	0.00156	0.00137
2090 Mar	0.000233	0.00163	0.0636	0.0000105	5.49	8.73	0.0517	0.0015	42.1	0.00446	0.00813	0.000174	0.000523	0.000278	0.123	0.00000197	0.00157	0.000516	0.00156	0.00137

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2090 Apr	0.000233	0.00163	0.0636	0.0000105	5.49	8.73	0.0517	0.0015	42.1	0.00446	0.00813	0.000174	0.000523	0.000278	0.123	0.00000197	0.00157	0.000516	0.00156	0.00137
2090 May	0.000233	0.00163	0.0637	0.0000105	5.49	8.74	0.0518	0.0015	42.1	0.00446	0.00814	0.000175	0.000523	0.000278	0.124	0.00000197	0.00157	0.000516	0.00156	0.00137
2090 Jun	0.000234	0.00163	0.0641	0.0000105	5.48	8.72	0.0519	0.0015	41.9	0.00445	0.00812	0.000177	0.000522	0.000277	0.123	0.00000196	0.00156	0.000518	0.00156	0.00137
2090 Jul	0.000234	0.00163	0.0642	0.0000105	5.5	8.75	0.0521	0.0015	42.1	0.00447	0.00815	0.000177	0.000524	0.000278	0.124	0.00000197	0.00157	0.00052	0.00156	0.00137
2090 Aug	0.000234	0.00164	0.0642	0.0000106	5.51	8.77	0.0521	0.00151	42.1	0.00448	0.00815	0.000176	0.000525	0.000279	0.124	0.00000196	0.00157	0.00052	0.00156	0.00138
2090 Sep	0.000234	0.00163	0.0641	0.0000106	5.51	8.77	0.0521	0.00151	42.1	0.00448	0.00814	0.000176	0.000525	0.000279	0.124	0.00000196	0.00158	0.000519	0.00156	0.00138
2090 Oct	0.000233	0.00163	0.0639	0.0000106	5.5	8.75	0.0519	0.00151	42	0.00447	0.00812	0.000175	0.000524	0.000278	0.124	0.00000195	0.00157	0.000517	0.00156	0.00137
2090 Nov	0.000233	0.00163	0.0639	0.0000106	5.5	8.75	0.0519	0.0015	42	0.00447	0.00812	0.000175	0.000524	0.000278	0.124	0.00000195	0.00157	0.000517	0.00155	0.00137
2090 Dec	0.000233	0.00163	0.0639	0.0000106	5.5	8.75	0.0519	0.0015	42	0.00447	0.00812	0.000175	0.000524	0.000278	0.124	0.00000195	0.00157	0.000517	0.00155	0.00137
2091 Jan	0.000233	0.00163	0.0639	0.0000106	5.5	8.75	0.0519	0.0015	42	0.00447	0.00812	0.000175	0.000524	0.000278	0.124	0.00000195	0.00157	0.000517	0.00155	0.00137
2091 Feb	0.000233	0.00163	0.0639	0.0000106	5.5	8.75	0.0519	0.0015	42	0.00447	0.00812	0.000175	0.000524	0.000278	0.124	0.00000195	0.00157	0.000517	0.00155	0.00137
2091 Mar	0.000233	0.00163	0.0639	0.0000106	5.5	8.75	0.0519	0.00151	42	0.00447	0.00812	0.000175	0.000524	0.000278	0.124	0.00000195	0.00157	0.000517	0.00155	0.00137
2091 Apr	0.000233	0.00163	0.0639	0.0000106	5.5	8.76	0.0519	0.00151	42	0.00447	0.00812	0.000175	0.000524	0.000278	0.124	0.00000195	0.00157	0.000517	0.00156	0.00137
2091 May	0.000234	0.00163	0.0641	0.0000106	5.51	8.77	0.0521	0.00151	42.1	0.00448	0.00814	0.000176	0.000525	0.000279	0.124	0.00000196	0.00158	0.000518	0.00156	0.00138
2091 Jun	0.000235	0.00163	0.0646	0.0000106	5.5	8.76	0.0523	0.0015	41.9	0.00447	0.00813	0.000178	0.000524	0.000278	0.124	0.00000195	0.00157	0.000521	0.00156	0.00137
2091 Jul	0.000236	0.00164	0.0649	0.0000106	5.52	8.8	0.0525	0.00151	42.1	0.00449	0.00817	0.000179	0.000527	0.00028	0.125	0.00000196	0.00158	0.000523	0.00156	0.00138
2091 Aug	0.000236	0.00164	0.0649	0.0000106	5.54	8.82	0.0526	0.00152	42.2	0.0045	0.00818	0.000179	0.000528	0.00028	0.125	0.00000196	0.00158	0.000524	0.00156	0.00138
2091 Sep	0.000236	0.00164	0.0649	0.0000107	5.54	8.83	0.0526	0.00152	42.2	0.00451	0.00818	0.000178	0.000529	0.000281	0.125	0.00000196	0.00159	0.000524	0.00156	0.00139
2091 Oct	0.000235	0.00164	0.0648	0.0000107	5.54	8.83	0.0526	0.00152	42.2	0.00451	0.00817	0.000178	0.000529	0.000281	0.125	0.00000195	0.00159	0.000523	0.00156	0.00139
2091 Nov	0.000235	0.00164	0.0647	0.0000106	5.54	8.82	0.0525	0.00152	42.2	0.0045	0.00816	0.000177	0.000528	0.00028	0.125	0.00000195	0.00159	0.000522	0.00156	0.00138
2091 Dec	0.000235	0.00164	0.0647	0.0000106	5.54	8.82	0.0525	0.00152	42.2	0.0045	0.00816	0.000177	0.000528	0.00028	0.125	0.00000195	0.00159	0.000522	0.00156	0.00138
2092 Jan	0.000235	0.00164	0.0647	0.0000106	5.54	8.82	0.0525	0.00152	42.2	0.0045	0.00816	0.000177	0.000528	0.00028	0.125	0.00000195	0.00159	0.000522	0.00156	0.00138
2092 Feb	0.000235	0.00164	0.0647	0.0000106	5.54	8.82	0.0525	0.00152	42.2	0.0045	0.00816	0.000177	0.000528	0.00028	0.125	0.00000195	0.00159	0.000522	0.00156	0.00138
2092 Mar	0.000235	0.00164	0.0647	0.0000107	5.54	8.82	0.0525	0.00152	42.2	0.0045	0.00816	0.000177	0.000528	0.00028	0.125	0.00000195	0.00159	0.000522	0.00156	0.00139
2092 Apr	0.000235	0.00164	0.0647	0.0000107	5.54	8.83	0.0525	0.00152	42.2	0.00451	0.00817	0.000178	0.000528	0.00028	0.125	0.00000195	0.00159	0.000523	0.00156	0.00139
2092 May	0.000236	0.00164	0.065	0.0000107	5.54	8.83	0.0527	0.00152	42.2	0.00451	0.00818	0.000178	0.000529	0.000281	0.125	0.00000195	0.00159	0.000524	0.00156	0.00139
2092 Jun	0.000236	0.00163	0.0653	0.0000106	5.52	8.8	0.0528	0.00151	41.9	0.00449	0.00815	0.000181	0.000527	0.00028	0.125	0.00000194	0.00158	0.000525	0.00156	0.00138
2092 Jul	0.000237	0.00164	0.0653	0.0000107	5.54	8.83	0.0529	0.00152	42	0.0045	0.00816	0.000181	0.000529	0.00028	0.125	0.00000194	0.00159	0.000526	0.00156	0.00138
2092 Aug	0.000238	0.00164	0.0655	0.0000107	5.56	8.86	0.0531	0.00152	42.2	0.00452	0.00819	0.000181	0.000531	0.000282	0.126	0.00000195	0.00159	0.000528	0.00157	0.00139
2092 Sep	0.000238	0.00164	0.0655	0.0000107	5.57	8.88	0.0531	0.00153	42.3	0.00453	0.00819	0.000181	0.000532	0.000282	0.126	0.00000195	0.0016	0.000529	0.00157	0.00139
2092 Oct	0.000238	0.00164	0.0655	0.0000107	5.57	8.88	0.0531	0.00153	42.3	0.00453	0.00819	0.000181	0.000532	0.000282	0.126	0.00000195	0.0016	0.000529	0.00157	0.00139
2092 Nov	0.000238	0.00164	0.0655	0.0000107	5.57	8.88	0.0531	0.00153	42.3	0.00453	0.00819	0.000181	0.000532	0.000282	0.126	0.00000195	0.0016	0.000529	0.00157	0.0014
2092 Dec	0.000238	0.00164	0.0655	0.0000107	5.57	8.88	0.0531	0.00153	42.3	0.00453	0.00819	0.000181	0.000532	0.000282	0.126	0.00000195	0.0016	0.000529	0.00157	0.0014
2093 Jan	0.000238	0.00164	0.0655	0.0000107	5.57	8.88	0.0531	0.00153	42.3	0.00453	0.00819	0.000181	0.000532	0.000282	0.126	0.00000195	0.0016	0.000529	0.00157	0.0014
2093 Feb	0.000238	0.00164	0.0655	0.0000107	5.57	8.88	0.0531	0.00153	42.3	0.00453	0.00819	0.000181	0.000532	0.000282	0.126	0.00000195	0.0016	0.000529	0.00157	0.0014
2093 Mar	0.000238	0.00165	0.0655	0.0000107	5.57	8.89	0.0531	0.00153	42.3	0.00454	0.00819	0.000181	0.000532	0.000282	0.126	0.00000195	0.0016	0.000529	0.00157	0.0014
2093 Apr	0.000238	0.00165	0.0656	0.0000107	5.58	8.89	0.0532	0.00153	42.3	0.00454	0.0082	0.000181	0.000533	0.000282	0.126	0.00000195	0.0016	0.000529	0.00157	0.0014
2093 May	0.000238	0.00165	0.0658	0.0000108	5.58	8.9	0.0533	0.00153	42.4	0.00454	0.00821	0.000182	0.000533	0.000283	0.126	0.00000195	0.0016	0.00053	0.00157	0.0014
2093 Jun	0.000239	0.00164	0.0661	0.0000107	5.57	8.89	0.0534	0.00153	42.2	0.00454	0.0082	0.000184	0.000533	0.000282	0.126	0.00000194	0.0016	0.000532	0.00157	0.00139
2093 Jul	0.00024	0.00165	0.0663	0.0000108	5.6	8.93	0.0536	0.00153	42.4	0.00456	0.00823	0.000184	0.000535	0.000284	0.127	0.00000195	0.0016	0.000534	0.00157	0.0014
2093 Aug	0.000241	0.00166	0.0665	0.0000108	5.62	8.96	0.0538	0.00154	42.6	0.00457	0.00825	0.000185	0.000537	0.000285	0.127	0.00000195	0.00161	0.000536	0.00158	0.00141
2093 Sep	0.000241	0.00166	0.0665	0.0000109	5.63	8.98	0.0539	0.00154	42.6	0.00458	0.00826	0.000184	0.000538	0.000285	0.127	0.00000195	0.00161	0.000536	0.00158	0.00141
2093 Oct	0.00024	0.00165	0.0663	0.0000108	5.62	8.96	0.0538	0.00154	42.5	0.00458	0.00824	0.000183	0.000537	0.000285	0.127	0.00000195	0.00161	0.000534	0.00157	0.00141
2093 Nov	0.00024	0.00165	0.0663	0.0000108	5.62	8.96	0.0537	0.00154	42.5	0.00457	0.00824	0.000183	0.000537	0.000284	0.127	0.00000195	0.00161	0.000534	0.00157	0.00141
2093 Dec	0.00024	0.00165	0.0663	0.0000108	5.62	8.96	0.0537	0.00154	42.5	0.00457	0.00824	0.000183	0.000537	0.000284	0.127	0.00000195	0.00161	0.000534	0.00157	0.00141
2094 Jan	0.00024	0.00165	0.0663	0.0000108	5.62	8.96	0.0537	0.00154	42.5	0.00457	0.00824	0.000183	0.000537	0.000284	0.127	0.00000195	0.00161	0.000534	0.00157	0.00141
2094 Feb	0.00024	0.00165	0.0663	0.0000108	5.62	8.96	0.0537	0.00154	42.5	0.00457	0.00824	0.000183	0.000537	0.000284	0.127	0.00000195	0.00161	0.000534	0.00157	0.00141
2094 Mar	0.00024	0.00165	0.0663	0.0000108	5.62	8.96	0.0537	0.00154	42.5	0.00457	0.00824	0.000183	0.000537	0.000285	0.127	0.00000195	0.00161	0.000534	0.00157	0.00141
2094 Apr	0.00024	0.00165	0.0663	0.0000108	5.62	8.96	0.0537	0.00154	42.5	0.00457	0.00824	0.000183	0.000537	0.000285	0.127	0.00000195	0.00161	0.000534	0.00157	0.00141
2094 May	0.00024	0.00166	0.0665	0.0000108	5.62	8.97	0.0539	0.00154	42.5	0.00458	0.00825	0.000184	0.000537	0.000285	0.127	0.00000195	0.00161	0.000535	0.00157	0.00141
2094 Jun	0.000242	0.00166	0.0669	0.0000109	5.63	8.98	0.0541	0.00154	42.5	0.00458	0.00826	0.000186	0.000538	0.000285	0.127	0.00000194	0.00161	0.000538	0.00158	0.00141
2094 Jul	0.000243	0.00167	0.0673	0.0000109	5.66	9.03	0.0544	0.00155	42.7	0.00461	0.0083	0.000187	0.000541	0.000287	0.128	0.00000195	0.00162	0.000541	0.00158	0.00142
2094 Aug	0.000244	0.00167	0.0676	0.000011	5.69	9.08	0.0547	0.00156	43	0.00463	0.00834	0.000188	0.000544	0.000288	0.129	0.00000196	0.00163	0.000544	0.00159	0.00143
2094 Sep	0.000244	0.00168	0.0676	0.000011	5.7	9.09	0.0547	0.00156	43	0.00464	0.00835	0.000188	0.000545	0.000289	0.129	0.00000196	0.00163	0.000544	0.00159	0.00143
2094 Oct	0.000244	0.00167	0.0675	0.000011	5.69	9.09	0.0547	0.00156	43	0.00464	0.00834	0.000187	0.000544	0.000288	0.129	0.00000196	0.00163	0.000543	0.00159	0.00143
2094 Nov	0.000243	0.00167	0.0674	0.000011	5.69	9.08	0.0546	0.00156	42.9	0.00463	0.00833	0.000187	0.000544	0.000288	0.129	0.00000196	0.00163	0.000542	0.00159	0.00143
2094 Dec	0.000243	0.00167	0.0674	0.000011	5.69	9.08	0.0546	0.00156	42.9	0.00463	0.00833	0.000187	0.000544	0.000288	0.129	0.00000196	0.00163	0.000542	0.00159	0.00143
2095 Jan	0.000243	0.00167	0.0674	0.000011	5.69	9.08	0.0546	0.00156	42.9	0.00463	0.00833	0.000187	0.000544	0.000288	0.129	0.00000196	0.00163	0.000542	0.00159	0.00143
2095 Feb	0.000243	0.00167	0.0674	0.000011	5.69	9.08	0.0546	0.00156	42.9	0.00463	0.00833	0.000187	0.000544	0.000288	0.129	0.00000196	0.00163	0.000542	0.00159	0.00143
2095 Mar	0.000243	0.00167	0.0674	0.000011	5.69	9.08	0.0546	0.00156	42.9	0.00463	0.00833	0.000187	0.000544	0.000288	0.129	0.00000196	0.00163	0.000542	0.00159	0.00143
2095 Apr	0.000243	0.00167	0.0674	0.000011	5.69	9.08	0.0546	0.00156	42.9	0.00463	0.00833	0.000187	0.000544	0.000288	0.129	0.00000196	0.00163	0.000542	0.00159	0.00143
2095 May	0.000244	0.00167	0.0676	0.000011	5.69	9.08	0.0547	0.00156	42.9	0.00464	0.00834	0.000188	0.000544	0.000288	0.129	0.00000196	0.00163	0.000544	0.00159	0.00143
2095 Jun	0.000245	0.00168	0.068	0.000011	5.7	9.1	0.055	0.00157	43	0.00464	0.00836	0.00019	0.000545	0.000289	0.129	0.00000196	0.00164	0.000546	0.00159	0.00143
2095 Jul	0.000246	0.00168	0.0684	0.0000111	5.73	9.15	0.0553	0.00157	43.2	0.00467	0.0084	0.00019	0.000548	0.00029	0.13	0.00000197	0.00165	0.000549	0.0016	0.00144
2095 Aug	0.000247	0.00169	0.0684	0.0000111	5.75	9.18	0.0553	0.00158	43.3	0.00468	0.0084	0.00019	0.00055	0.000291	0.13	0.00000197	0.00165	0.000549	0.0016	0.00144
2095 Sep	0.000247	0.00169	0.0684	0.0000111	5.76	9.19	0.0554	0.00158	43.4	0.00469	0.00841	0.00019	0.000551	0.000292	0.13	0.00000197	0.00165	0.00055	0.0016	0.00144
2095 Oct	0.000247	0.00169	0.0684	0.0000111	5.76	9.2	0.0554	0.00158	43.4	0.00469	0.00841	0.00019	0.000551	0.000292	0.13	0.00000197	0.00165	0.00055	0.0016	0.00145

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Nov	0.000246	0.00169	0.0683	0.0000111	5.76	9.19	0.0554	0.00158	43.3	0.00469	0.00841	0.00019	0.00055	0.000292	0.13	0.00000197	0.00165	0.000549	0.0016	0.00144
2095 Dec	0.000246	0.00169	0.0683	0.0000111	5.76	9.19	0.0554	0.00158	43.3	0.00469	0.00841	0.00019	0.00055	0.000292	0.13	0.00000197	0.00165	0.000549	0.0016	0.00144
2096 Jan	0.000246	0.00169	0.0683	0.0000111	5.76	9.19	0.0554	0.00158	43.3	0.00469	0.00841	0.00019	0.00055	0.000292	0.13	0.00000197	0.00165	0.000549	0.0016	0.00144
2096 Feb	0.000246	0.00169	0.0683	0.0000111	5.76	9.19	0.0554	0.00158	43.3	0.00469	0.00841	0.00019	0.00055	0.000292	0.13	0.00000197	0.00165	0.000549	0.0016	0.00144
2096 Mar	0.000246	0.00169	0.0683	0.0000111	5.76	9.19	0.0554	0.00158	43.3	0.00469	0.00841	0.00019	0.000551	0.000292	0.13	0.00000197	0.00165	0.000549	0.0016	0.00144
2096 Apr	0.000247	0.00169	0.0684	0.0000111	5.76	9.19	0.0554	0.00158	43.4	0.00469	0.00841	0.00019	0.000551	0.000292	0.13	0.00000197	0.00165	0.000549	0.0016	0.00145
2096 May	0.000247	0.00169	0.0685	0.0000111	5.76	9.2	0.0555	0.00158	43.4	0.00469	0.00842	0.000191	0.000551	0.000292	0.13	0.00000197	0.00166	0.00055	0.0016	0.00145
2096 Jun	0.000247	0.00168	0.0686	0.0000111	5.74	9.16	0.0554	0.00158	43.1	0.00468	0.00839	0.000191	0.000549	0.000291	0.13	0.00000196	0.00165	0.000551	0.0016	0.00144
2096 Jul	0.000247	0.00169	0.0688	0.0000112	5.76	9.2	0.0556	0.00158	43.3	0.0047	0.00841	0.000192	0.000552	0.000292	0.13	0.00000196	0.00166	0.000553	0.0016	0.00145
2096 Aug	0.000248	0.0017	0.0691	0.0000112	5.79	9.25	0.0559	0.00159	43.5	0.00472	0.00845	0.000192	0.000555	0.000293	0.131	0.00000197	0.00166	0.000555	0.00161	0.00145
2096 Sep	0.000248	0.0017	0.069	0.0000112	5.8	9.26	0.0559	0.00159	43.5	0.00473	0.00845	0.000192	0.000555	0.000294	0.131	0.00000197	0.00167	0.000555	0.00161	0.00146
2096 Oct	0.000248	0.00169	0.0689	0.0000112	5.79	9.25	0.0558	0.00159	43.5	0.00472	0.00844	0.000191	0.000554	0.000293	0.131	0.00000196	0.00167	0.000554	0.00161	0.00145
2096 Nov	0.000248	0.00169	0.0689	0.0000112	5.79	9.24	0.0558	0.00159	43.5	0.00472	0.00844	0.000191	0.000554	0.000293	0.131	0.00000196	0.00167	0.000553	0.00161	0.00145
2096 Dec	0.000248	0.00169	0.0689	0.0000112	5.79	9.25	0.0558	0.00159	43.5	0.00472	0.00844	0.000191	0.000554	0.000293	0.131	0.00000196	0.00167	0.000553	0.00161	0.00145
2097 Jan	0.000248	0.00169	0.0689	0.0000112	5.79	9.25	0.0558	0.00159	43.5	0.00472	0.00844	0.000191	0.000554	0.000293	0.131	0.00000196	0.00167	0.000553	0.00161	0.00145
2097 Feb	0.000248	0.00169	0.0689	0.0000112	5.79	9.25	0.0558	0.00159	43.5	0.00472	0.00844	0.000191	0.000554	0.000293	0.131	0.00000196	0.00167	0.000553	0.00161	0.00145
2097 Mar	0.000248	0.00169	0.0689	0.0000112	5.79	9.25	0.0558	0.00159	43.5	0.00472	0.00844	0.000191	0.000554	0.000293	0.131	0.00000196	0.00167	0.000553	0.00161	0.00145
2097 Apr	0.000248	0.00169	0.0689	0.0000112	5.79	9.25	0.0558	0.00159	43.5	0.00472	0.00845	0.000191	0.000555	0.000293	0.131	0.00000196	0.00167	0.000554	0.00161	0.00146
2097 May	0.000248	0.0017	0.0691	0.0000112	5.8	9.26	0.0559	0.0016	43.5	0.00473	0.00846	0.000192	0.000555	0.000294	0.131	0.00000197	0.00167	0.000555	0.00161	0.00146
2097 Jun	0.000249	0.0017	0.0695	0.0000112	5.8	9.27	0.0561	0.00159	43.5	0.00473	0.00846	0.000194	0.000555	0.000294	0.131	0.00000196	0.00167	0.000557	0.00161	0.00146
2097 Jul	0.000251	0.00171	0.0698	0.0000113	5.83	9.31	0.0564	0.0016	43.7	0.00475	0.0085	0.000194	0.000558	0.000295	0.132	0.00000197	0.00168	0.00056	0.00162	0.00146
2097 Aug	0.000251	0.00171	0.07	0.0000113	5.85	9.35	0.0566	0.00161	43.9	0.00477	0.00853	0.000195	0.000561	0.000296	0.132	0.00000198	0.00168	0.000561	0.00162	0.00147
2097 Sep	0.000252	0.00171	0.0701	0.0000114	5.86	9.37	0.0567	0.00161	43.9	0.00478	0.00854	0.000195	0.000562	0.000297	0.133	0.00000198	0.00169	0.000562	0.00163	0.00147
2097 Oct	0.000252	0.00171	0.07	0.0000114	5.87	9.37	0.0567	0.00161	44	0.00478	0.00854	0.000195	0.000562	0.000297	0.133	0.00000198	0.00169	0.000562	0.00162	0.00147
2097 Nov	0.000251	0.00171	0.07	0.0000114	5.87	9.37	0.0567	0.00161	43.9	0.00478	0.00854	0.000195	0.000562	0.000297	0.133	0.00000198	0.00169	0.000562	0.00162	0.00147
2097 Dec	0.000251	0.00171	0.07	0.0000114	5.87	9.37	0.0567	0.00161	43.9	0.00478	0.00854	0.000195	0.000562	0.000297	0.133	0.00000198	0.00169	0.000562	0.00162	0.00147
2098 Jan	0.000251	0.00171	0.07	0.0000114	5.87	9.37	0.0567	0.00161	43.9	0.00478	0.00854	0.000195	0.000562	0.000297	0.133	0.00000198	0.00169	0.000562	0.00162	0.00147
2098 Feb	0.000251	0.00171	0.07	0.0000114	5.87	9.37	0.0567	0.00161	43.9	0.00478	0.00854	0.000195	0.000562	0.000297	0.133	0.00000198	0.00169	0.000562	0.00162	0.00147
2098 Mar	0.000251	0.00171	0.07	0.0000114	5.87	9.37	0.0567	0.00161	44	0.00478	0.00854	0.000195	0.000562	0.000297	0.133	0.00000198	0.00169	0.000562	0.00162	0.00147
2098 Apr	0.000252	0.00171	0.07	0.0000114	5.87	9.37	0.0567	0.00161	44	0.00478	0.00854	0.000195	0.000562	0.000297	0.133	0.00000198	0.00169	0.000562	0.00162	0.00148
2098 May	0.000253	0.00172	0.0704	0.0000114	5.87	9.38	0.0569	0.00161	43.9	0.00478	0.00855	0.000197	0.000562	0.000297	0.133	0.00000198	0.00169	0.000564	0.00163	0.00147
2098 Jun	0.000253	0.00171	0.0706	0.0000113	5.84	9.35	0.057	0.00161	43.7	0.00477	0.00851	0.000198	0.00056	0.000296	0.133	0.00000197	0.00168	0.000565	0.00162	0.00147
2098 Jul	0.000254	0.00172	0.0709	0.0000114	5.88	9.4	0.0572	0.00162	43.9	0.00479	0.00855	0.000199	0.000563	0.000298	0.133	0.00000197	0.00169	0.000568	0.00163	0.00148
2098 Aug	0.000255	0.00172	0.071	0.0000114	5.89	9.43	0.0574	0.00162	44	0.00481	0.00857	0.000199	0.000565	0.000299	0.134	0.00000198	0.0017	0.000569	0.00163	0.00148
2098 Sep	0.000254	0.00172	0.0709	0.0000114	5.89	9.42	0.0573	0.00162	44	0.00481	0.00856	0.000198	0.000565	0.000299	0.134	0.00000197	0.0017	0.000568	0.00163	0.00148
2098 Oct	0.000253	0.00171	0.0707	0.0000114	5.88	9.41	0.0572	0.00162	43.9	0.0048	0.00854	0.000198	0.000564	0.000298	0.133	0.00000197	0.00169	0.000566	0.00162	0.00148
2098 Nov	0.000253	0.00171	0.0706	0.0000114	5.88	9.4	0.0571	0.00162	43.9	0.0048	0.00854	0.000197	0.000564	0.000298	0.133	0.00000196	0.00169	0.000566	0.00162	0.00148
2098 Dec	0.000253	0.00171	0.0706	0.0000114	5.88	9.4	0.0571	0.00162	43.9	0.0048	0.00854	0.000197	0.000564	0.000298	0.133	0.00000196	0.00169	0.000566	0.00162	0.00148
2099 Jan	0.000253	0.00171	0.0706	0.0000114	5.88	9.4	0.0571	0.00162	43.9	0.0048	0.00854	0.000197	0.000564	0.000298	0.133	0.00000196	0.00169	0.000566	0.00162	0.00148
2099 Feb	0.000253	0.00171	0.0706	0.0000114	5.88	9.41	0.0571	0.00162	43.9	0.0048	0.00854	0.000197	0.000564	0.000298	0.133	0.00000196	0.00169	0.000566	0.00162	0.00148
2099 Mar	0.000253	0.00171	0.0707	0.0000114	5.88	9.41	0.0571	0.00162	43.9	0.0048	0.00854	0.000197	0.000564	0.000298	0.133	0.00000196	0.00169	0.000566	0.00162	0.00148
2099 Apr	0.000253	0.00172	0.0707	0.0000114	5.89	9.41	0.0572	0.00162	43.9	0.0048	0.00855	0.000197	0.000564	0.000298	0.133	0.00000197	0.0017	0.000567	0.00162	0.00148
2099 May	0.000255	0.00171	0.0714	0.0000114	5.88	9.41	0.0575	0.00162	43.8	0.0048	0.00855	0.0002	0.000563	0.000298	0.134	0.00000196	0.00169	0.00057	0.00162	0.00148
2099 Jun	0.000256	0.00171	0.0715	0.0000114	5.88	9.41	0.0576	0.00162	43.8	0.0048	0.00854	0.000201	0.000564	0.000298	0.134	0.00000196	0.00169	0.000571	0.00162	0.00148
2099 Jul	0.000257	0.00172	0.0718	0.0000115	5.91	9.46	0.0579	0.00163	44	0.00482	0.00858	0.000202	0.000567	0.0003	0.134	0.00000197	0.0017	0.000573	0.00163	0.00149
2099 Aug	0.000258	0.00173	0.0721	0.0000115	5.94	9.51	0.0581	0.00164	44.2	0.00485	0.00861	0.000202	0.00057	0.000301	0.135	0.00000197	0.00171	0.000576	0.00163	0.00149
2099 Sep	0.000257	0.00173	0.072	0.0000115	5.94	9.51	0.0581	0.00164	44.2	0.00485	0.00861	0.000202	0.00057	0.000301	0.135	0.00000197	0.00171	0.000575	0.00163	0.0015
2099 Oct	0.000257	0.00173	0.0719	0.0000115	5.94	9.51	0.0581	0.00164	44.2	0.00485	0.0086	0.000201	0.00057	0.000301	0.135	0.00000197	0.00171	0.000574	0.00163	0.0015
2099 Nov	0.000257	0.00173	0.0718	0.0000115	5.94	9.5	0.058	0.00164	44.2	0.00484	0.00859	0.000201	0.000569	0.000301	0.135	0.00000197	0.00171	0.000574	0.00163	0.00149
2099 Dec	0.000257	0.00173	0.0718	0.0000115	5.94	9.5	0.058	0.00164	44.2	0.00484	0.00859	0.000201	0.000569	0.000301	0.135	0.00000197	0.00171	0.000574	0.00163	0.00149
2100 Jan	0.000257	0.00173	0.0718	0.0000115	5.94	9.5	0.058	0.00164	44.2	0.00484	0.00859	0.000201	0.000569	0.000301	0.135	0.00000197	0.00171	0.000574	0.00163	0.00149
2100 Feb	0.000257	0.00173	0.0718	0.0000115	5.94	9.5	0.058	0.00164	44.2	0.00484	0.00859	0.000201	0.000569	0.000301	0.135	0.00000197	0.00171	0.000574	0.00163	0.00149
2100 Mar	0.000257	0.00173	0.0718	0.0000115	5.94	9.5	0.058	0.00164	44.2	0.00484	0.0086	0.000201	0.000569	0.000301	0.135	0.00000197	0.00171	0.000574	0.00163	0.00149
2100 Apr	0.000257	0.00173	0.0718	0.0000115	5.94	9.51	0.058	0.00164	44.2	0.00485	0.0086	0.000201	0.000569	0.000301	0.135	0.00000197	0.00171	0.000574	0.00163	0.0015
2100 May	0.000258	0.00173	0.0722	0.0000115	5.94	9.51	0.0582	0.00164	44.2	0.00485	0.00861	0.000203	0.00057	0.000301	0.135	0.00000197	0.00171	0.000576	0.00163	0.00149
2100 Jun	0.000258	0.00172	0.0723	0.0000115	5.92	9.48	0.0582	0.00163	44	0.00483	0.00858	0.000204	0.000568	0.0003	0.135	0.00000196	0.00171	0.000577	0.00163	0.00149
2100 Jul	0.000259	0.00173	0.0724	0.0000115	5.94	9.51	0.0584	0.00164	44.1	0.00485	0.0086	0.000204	0.00057	0.000301	0.135	0.00000196	0.00171	0.000578	0.00163	0.0015
2100 Aug	0.000259	0.00173	0.0724	0.0000116	5.95	9.53	0.0584	0.00164	44.2	0.00486	0.0086	0.000204	0.000571	0.000302	0.135	0.00000196	0.00172	0.000578	0.00163	0.0015
2100 Sep	0.000259	0.00173	0.0724	0.0000116	5.96	9.54	0.0585	0.00164	44.2	0.00486	0.0086	0.000204	0.000572	0.000302	0.136	0.00000196	0.00172	0.000578	0.00163	0.0015
2100 Oct	0.000259	0.00173	0.0724	0.0000116	5.96	9.55	0.0585	0.00164	44.2	0.00487	0.00861	0.000204	0.000572	0.000302	0.136	0.00000196	0.00172	0.000578	0.00163	0.0015
2100 Nov	0.000259	0.00173	0.0724	0.0000116	5.96	9.55	0.0585	0.00164	44.3	0.00487	0.00861	0.000204	0.000572	0.000302	0.136	0.00000196	0.00172	0.000579	0.00163	0.0015
2100 Dec	0.000259	0.00173	0.0724	0.0000116	5.96	9.55	0.0585	0.00164	44.3	0.00487	0.00861	0.000204	0.000572	0.000302	0.136	0.00000196	0.00172	0.000579	0.00163	0.0015
2101 Jan	0.000259	0.00173	0.0724	0.0000116	5.96	9.55	0.0585	0.00164	44.3	0.00487	0.00861	0.000204	0.000572	0.000302	0.136	0.00000196	0.00172	0.000579	0.00163	0.0015
2101 Feb	0.000259	0.00173	0.0724	0.0000116	5.96	9.55	0.0585	0.00164	44.3	0.00487	0.00861	0.000204	0.000572	0.000302	0.136	0.00000196	0.00172	0.000579	0.00163	0.0015
2101 Mar	0.000259	0.00173	0.0724	0.0000116	5.96	9.55	0.0585	0.00165	44.3	0.00487	0.00861	0.000204	0.000572	0.000302	0.136	0.00000196	0.00172	0.000579	0.00163	0.0015
2101 Apr	0.000259	0.00173	0.0724	0.0000116	5.97	9.55	0.0585	0.00165	44.3	0.00487	0.00861	0.000204	0.000573	0.000303	0.136	0.00000196	0.00172	0.000579	0.00163	0.0015
2101 May	0.00026	0.00173	0.0728	0.0000116	5.97	9.56	0.0587	0.00164	44.3	0.00487	0.00862	0.000205	0.000573	0.000303	0.136	0.00000196	0.00172	0.000581	0.00163	0.0015

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Jun	0.00026	0.00173	0.0729	0.0000116	5.96	9.55	0.0588	0.00164	44.2	0.00487	0.00861	0.000206	0.000572	0.000302	0.136	0.00000195	0.00172	0.000582	0.00163	0.0015
2101 Jul	0.000261	0.00174	0.0732	0.0000116	5.99	9.6	0.0591	0.00165	44.4	0.00489	0.00865	0.000207	0.000575	0.000304	0.136	0.00000196	0.00173	0.000584	0.00164	0.00151
2101 Aug	0.000262	0.00174	0.0735	0.0000117	6.02	9.64	0.0593	0.00166	44.6	0.00491	0.00868	0.000208	0.000578	0.000305	0.137	0.00000197	0.00174	0.000587	0.00165	0.00152
2101 Sep	0.000262	0.00174	0.0735	0.0000117	6.02	9.65	0.0593	0.00166	44.6	0.00492	0.00868	0.000207	0.000578	0.000305	0.137	0.00000197	0.00174	0.000586	0.00164	0.00152
2101 Oct	0.000262	0.00175	0.0734	0.0000117	6.02	9.65	0.0593	0.00166	44.6	0.00492	0.00868	0.000207	0.000578	0.000306	0.137	0.00000197	0.00174	0.000586	0.00164	0.00152
2101 Nov	0.000262	0.00174	0.0733	0.0000117	6.02	9.64	0.0593	0.00166	44.6	0.00492	0.00867	0.000207	0.000578	0.000305	0.137	0.00000196	0.00174	0.000586	0.00164	0.00152
2101 Dec	0.000262	0.00174	0.0733	0.0000117	6.02	9.64	0.0593	0.00166	44.6	0.00492	0.00867	0.000207	0.000578	0.000305	0.137	0.00000196	0.00174	0.000586	0.00164	0.00152
2102 Jan	0.000262	0.00174	0.0733	0.0000117	6.02	9.64	0.0593	0.00166	44.6	0.00492	0.00867	0.000207	0.000578	0.000305	0.137	0.00000196	0.00174	0.000586	0.00164	0.00152
2102 Feb	0.000262	0.00174	0.0733	0.0000117	6.02	9.64	0.0593	0.00166	44.6	0.00492	0.00867	0.000207	0.000578	0.000305	0.137	0.00000196	0.00174	0.000586	0.00164	0.00152
2102 Mar	0.000262	0.00174	0.0733	0.0000117	6.02	9.64	0.0593	0.00166	44.6	0.00492	0.00867	0.000207	0.000578	0.000305	0.137	0.00000196	0.00174	0.000586	0.00164	0.00152
2102 Apr	0.000262	0.00174	0.0734	0.0000117	6.02	9.65	0.0593	0.00166	44.6	0.00492	0.00868	0.000207	0.000578	0.000305	0.137	0.00000196	0.00174	0.000586	0.00164	0.00152
2102 May	0.000262	0.00175	0.0735	0.0000117	6.03	9.66	0.0593	0.00166	44.6	0.00492	0.00869	0.000207	0.000579	0.000306	0.137	0.00000197	0.00174	0.000586	0.00164	0.00152
2102 Jun	0.000261	0.00174	0.0732	0.0000117	6.01	9.62	0.0591	0.00166	44.4	0.00491	0.00866	0.000206	0.000577	0.000305	0.137	0.00000196	0.00173	0.000585	0.00164	0.00151
2102 Jul	0.00026	0.00174	0.0732	0.0000117	6.01	9.63	0.0591	0.00166	44.5	0.00491	0.00867	0.000205	0.000579	0.000305	0.137	0.00000196	0.00174	0.000585	0.00165	0.00152
2102 Aug	0.000261	0.00174	0.0734	0.0000118	6.04	9.67	0.0593	0.00167	44.6	0.00493	0.00869	0.000206	0.000581	0.000306	0.137	0.00000196	0.00174	0.000587	0.00165	0.00152
2102 Sep	0.000261	0.00175	0.0734	0.0000118	6.04	9.68	0.0593	0.00167	44.7	0.00494	0.0087	0.000206	0.000582	0.000307	0.137	0.00000196	0.00175	0.000587	0.00165	0.00153
2102 Oct	0.000261	0.00174	0.0732	0.0000118	6.04	9.67	0.0592	0.00167	44.6	0.00494	0.00868	0.000205	0.000581	0.000306	0.137	0.00000196	0.00175	0.000586	0.00165	0.00153
2102 Nov	0.000261	0.00174	0.0732	0.0000118	6.04	9.67	0.0593	0.00167	44.6	0.00494	0.00868	0.000205	0.000581	0.000306	0.137	0.00000196	0.00175	0.000586	0.00165	0.00153
2102 Dec	0.000261	0.00174	0.0733	0.0000118	6.04	9.68	0.0593	0.00167	44.6	0.00494	0.00869	0.000205	0.000581	0.000306	0.137	0.00000196	0.00175	0.000586	0.00165	0.00153
2103 Jan	0.000261	0.00174	0.0733	0.0000118	6.04	9.68	0.0593	0.00167	44.6	0.00494	0.00869	0.000205	0.000581	0.000306	0.137	0.00000196	0.00175	0.000586	0.00165	0.00153
2103 Feb	0.000261	0.00174	0.0733	0.0000118	6.04	9.68	0.0593	0.00167	44.6	0.00494	0.00869	0.000205	0.000581	0.000306	0.137	0.00000196	0.00175	0.000586	0.00165	0.00153
2103 Mar	0.000261	0.00174	0.0733	0.0000118	6.04	9.68	0.0593	0.00167	44.6	0.00494	0.00869	0.000205	0.000581	0.000306	0.137	0.00000196	0.00175	0.000586	0.00165	0.00153
2103 Apr	0.000261	0.00175	0.0733	0.0000118	6.04	9.68	0.0593	0.00167	44.7	0.00494	0.00869	0.000205	0.000581	0.000306	0.137	0.00000196	0.00175	0.000586	0.00165	0.00153
2103 May	0.000262	0.00175	0.0736	0.0000118	6.04	9.68	0.0594	0.00167	44.6	0.00494	0.0087	0.000206	0.000582	0.000307	0.137	0.00000196	0.00175	0.000588	0.00165	0.00153
2103 Jun	0.000262	0.00174	0.0738	0.0000118	6.02	9.66	0.0595	0.00166	44.4	0.00492	0.00867	0.000208	0.00058	0.000306	0.137	0.00000195	0.00174	0.000589	0.00165	0.00152
2103 Jul	0.000262	0.00174	0.0739	0.0000118	6.04	9.69	0.0596	0.00167	44.6	0.00494	0.00869	0.000208	0.000582	0.000307	0.138	0.00000195	0.00175	0.00059	0.00165	0.00153
2103 Aug	0.000263	0.00175	0.0739	0.0000118	6.06	9.71	0.0597	0.00167	44.6	0.00495	0.0087	0.000208	0.000583	0.000307	0.138	0.00000196	0.00175	0.000591	0.00165	0.00153
2103 Sep	0.000262	0.00175	0.0738	0.0000118	6.06	9.71	0.0597	0.00167	44.6	0.00495	0.0087	0.000207	0.000583	0.000307	0.138	0.00000195	0.00175	0.00059	0.00165	0.00153
2103 Oct	0.000261	0.00174	0.0736	0.0000118	6.05	9.69	0.0595	0.00167	44.5	0.00494	0.00868	0.000206	0.000582	0.000307	0.137	0.00000195	0.00175	0.000588	0.00164	0.00153
2103 Nov	0.000261	0.00174	0.0736	0.0000118	6.04	9.69	0.0595	0.00167	44.5	0.00494	0.00868	0.000206	0.000582	0.000307	0.137	0.00000195	0.00175	0.000588	0.00164	0.00153
2103 Dec	0.000261	0.00174	0.0736	0.0000118	6.04	9.69	0.0595	0.00167	44.5	0.00494	0.00868	0.000206	0.000582	0.000307	0.137	0.00000195	0.00175	0.000588	0.00164	0.00153
2104 Jan	0.000261	0.00174	0.0736	0.0000118	6.04	9.69	0.0595	0.00167	44.5	0.00494	0.00868	0.000206	0.000582	0.000307	0.137	0.00000195	0.00175	0.000588	0.00164	0.00153
2104 Feb	0.000261	0.00174	0.0736	0.0000118	6.04	9.69	0.0595	0.00167	44.5	0.00494	0.00868	0.000206	0.000582	0.000307	0.137	0.00000195	0.00175	0.000588	0.00164	0.00153
2104 Mar	0.000261	0.00174	0.0736	0.0000118	6.04	9.69	0.0595	0.00167	44.5	0.00494	0.00868	0.000206	0.000582	0.000307	0.137	0.00000195	0.00175	0.000588	0.00164	0.00153
2104 Apr	0.000261	0.00174	0.0736	0.0000118	6.05	9.69	0.0595	0.00167	44.6	0.00495	0.00868	0.000206	0.000582	0.000307	0.137	0.00000195	0.00175	0.000588	0.00164	0.00153
2104 May	0.000262	0.00174	0.074	0.0000118	6.05	9.7	0.0597	0.00167	44.5	0.00495	0.00869	0.000208	0.000582	0.000307	0.138	0.00000195	0.00175	0.00059	0.00165	0.00153
2104 Jun	0.000263	0.00174	0.0741	0.0000118	6.03	9.68	0.0597	0.00167	44.4	0.00493	0.00867	0.000209	0.000581	0.000306	0.137	0.00000194	0.00175	0.000591	0.00164	0.00152
2104 Jul	0.000263	0.00174	0.0743	0.0000118	6.06	9.71	0.0599	0.00167	44.5	0.00495	0.00869	0.00021	0.000583	0.000307	0.138	0.00000194	0.00175	0.000592	0.00165	0.00153
2104 Aug	0.000264	0.00175	0.0744	0.0000119	6.08	9.74	0.0601	0.00168	44.7	0.00497	0.00871	0.00021	0.000585	0.000308	0.138	0.00000195	0.00176	0.000594	0.00165	0.00154
2104 Sep	0.000264	0.00175	0.0744	0.0000119	6.08	9.75	0.0601	0.00168	44.7	0.00497	0.00871	0.000209	0.000586	0.000308	0.138	0.00000194	0.00176	0.000593	0.00165	0.00154
2104 Oct	0.000263	0.00175	0.0742	0.0000119	6.07	9.74	0.06	0.00168	44.6	0.00497	0.0087	0.000209	0.000585	0.000308	0.138	0.00000194	0.00176	0.000592	0.00165	0.00154
2104 Nov	0.000263	0.00175	0.0742	0.0000119	6.07	9.74	0.0599	0.00168	44.6	0.00497	0.0087	0.000209	0.000585	0.000308	0.138	0.00000194	0.00176	0.000592	0.00165	0.00154
2104 Dec	0.000263	0.00175	0.0742	0.0000119	6.07	9.74	0.0599	0.00168	44.6	0.00497	0.0087	0.000209	0.000585	0.000308	0.138	0.00000194	0.00176	0.000592	0.00165	0.00154
2105 Jan	0.000263	0.00175	0.0742	0.0000119	6.07	9.74	0.0599	0.00168	44.6	0.00497	0.0087	0.000209	0.000585	0.000308	0.138	0.00000194	0.00176	0.000592	0.00165	0.00154
2105 Feb	0.000263	0.00175	0.0742	0.0000119	6.07	9.74	0.0599	0.00168	44.6	0.00497	0.0087	0.000209	0.000585	0.000308	0.138	0.00000194	0.00176	0.000592	0.00165	0.00154
2105 Mar	0.000263	0.00175	0.0742	0.0000119	6.07	9.74	0.0599	0.00168	44.6	0.00497	0.0087	0.000209	0.000585	0.000308	0.138	0.00000194	0.00176	0.000592	0.00165	0.00154
2105 Apr	0.000263	0.00175	0.0742	0.0000119	6.07	9.74	0.06	0.00168	44.6	0.00497	0.0087	0.000209	0.000585	0.000308	0.138	0.00000194	0.00176	0.000592	0.00165	0.00154
2105 May	0.000264	0.00175	0.0745	0.0000119	6.08	9.74	0.0601	0.00168	44.6	0.00497	0.00871	0.00021	0.000585	0.000308	0.138	0.00000194	0.00176	0.000594	0.00165	0.00154
2105 Jun	0.000265	0.00175	0.0748	0.0000119	6.08	9.75	0.0603	0.00168	44.6	0.00497	0.00871	0.000211	0.000586	0.000308	0.139	0.00000194	0.00176	0.000596	0.00165	0.00154
2105 Jul	0.000266	0.00176	0.075	0.0000119	6.1	9.79	0.0605	0.00169	44.8	0.00499	0.00874	0.000212	0.000588	0.00031	0.139	0.00000195	0.00177	0.000598	0.00165	0.00154
2105 Aug	0.000265	0.00176	0.0749	0.000012	6.11	9.81	0.0605	0.00169	44.8	0.005	0.00874	0.000211	0.000589	0.00031	0.139	0.00000194	0.00177	0.000597	0.00165	0.00155
2105 Sep	0.000264	0.00175	0.0747	0.0000119	6.11	9.79	0.0604	0.00169	44.8	0.005	0.00872	0.00021	0.000588	0.00031	0.139	0.00000194	0.00177	0.000595	0.00165	0.00155
2105 Oct	0.000264	0.00175	0.0746	0.0000119	6.1	9.78	0.0603	0.00169	44.7	0.00499	0.00871	0.00021	0.000587	0.000309	0.139	0.00000193	0.00177	0.000594	0.00165	0.00154
2105 Nov	0.000264	0.00175	0.0745	0.0000119	6.1	9.78	0.0602	0.00169	44.7	0.00499	0.0087	0.000209	0.000587	0.000309	0.139	0.00000193	0.00177	0.000594	0.00164	0.00154
2105 Dec	0.000264	0.00175	0.0745	0.0000119	6.1	9.78	0.0602	0.00169	44.7	0.00499	0.0087	0.000209	0.000587	0.000309	0.139	0.00000193	0.00177	0.000594	0.00164	0.00154
2106 Jan	0.000264	0.00175	0.0745	0.0000119	6.1	9.78	0.0602	0.00169	44.7	0.00499	0.0087	0.000209	0.000587	0.000309	0.139	0.00000193	0.00177	0.000594	0.00164	0.00154

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Feb	0.000264	0.00175	0.0745	0.0000119	6.1	9.78	0.0602	0.00169	44.7	0.00499	0.0087	0.000209	0.000587	0.000309	0.139	0.00000193	0.00177	0.000594	0.00164	0.00154
2106 Mar	0.000264	0.00175	0.0745	0.0000119	6.1	9.78	0.0602	0.00169	44.7	0.00499	0.0087	0.000209	0.000587	0.000309	0.139	0.00000193	0.00177	0.000594	0.00164	0.00154
2106 Apr	0.000264	0.00175	0.0745	0.0000119	6.1	9.78	0.0602	0.00169	44.7	0.00499	0.00871	0.000209	0.000587	0.000309	0.139	0.00000193	0.00177	0.000594	0.00164	0.00154
2106 May	0.000264	0.00175	0.0747	0.0000119	6.1	9.79	0.0604	0.00169	44.7	0.005	0.00872	0.00021	0.000588	0.00031	0.139	0.00000193	0.00177	0.000595	0.00165	0.00155
2106 Jun	0.000264	0.00175	0.0749	0.0000119	6.08	9.76	0.0604	0.00169	44.5	0.00498	0.0087	0.000211	0.000586	0.000309	0.139	0.00000193	0.00176	0.000596	0.00164	0.00154
2106 Jul	0.000265	0.00175	0.0751	0.000012	6.11	9.81	0.0606	0.00169	44.7	0.005	0.00873	0.000212	0.000589	0.00031	0.139	0.00000193	0.00177	0.000598	0.00165	0.00155
2106 Aug	0.000265	0.00176	0.0751	0.000012	6.12	9.83	0.0607	0.0017	44.8	0.00501	0.00873	0.000211	0.00059	0.000311	0.139	0.00000193	0.00178	0.000598	0.00165	0.00155
2106 Sep	0.000265	0.00175	0.075	0.000012	6.12	9.83	0.0606	0.0017	44.8	0.00501	0.00873	0.000211	0.00059	0.000311	0.139	0.00000193	0.00178	0.000597	0.00165	0.00155
2106 Oct	0.000265	0.00175	0.0749	0.000012	6.12	9.83	0.0606	0.0017	44.8	0.00501	0.00872	0.00021	0.00059	0.000311	0.139	0.00000193	0.00178	0.000597	0.00165	0.00155
2106 Nov	0.000265	0.00175	0.0749	0.000012	6.13	9.83	0.0606	0.0017	44.8	0.00502	0.00872	0.00021	0.00059	0.000311	0.139	0.00000193	0.00178	0.000597	0.00165	0.00155
2106 Dec	0.000265	0.00175	0.0749	0.000012	6.13	9.83	0.0606	0.0017	44.8	0.00502	0.00873	0.00021	0.00059	0.000311	0.139	0.00000193	0.00178	0.000597	0.00165	0.00155
2107 Jan	0.000265	0.00175	0.0749	0.000012	6.13	9.83	0.0606	0.0017	44.8	0.00502	0.00873	0.00021	0.00059	0.000311	0.139	0.00000193	0.00178	0.000597	0.00165	0.00155
2107 Feb	0.000265	0.00175	0.0749	0.000012	6.13	9.83	0.0606	0.0017	44.8	0.00502	0.00873	0.00021	0.00059	0.000311	0.139	0.00000193	0.00178	0.000597	0.00165	0.00155
2107 Mar	0.000265	0.00175	0.0749	0.000012	6.13	9.83	0.0606	0.0017	44.8	0.00502	0.00873	0.00021	0.000591	0.000311	0.139	0.00000193	0.00178	0.000597	0.00165	0.00155
2107 Apr	0.000265	0.00175	0.0749	0.000012	6.13	9.83	0.0606	0.0017	44.8	0.00502	0.00873	0.00021	0.000591	0.000311	0.139	0.00000193	0.00178	0.000597	0.00165	0.00155
2107 May	0.000265	0.00176	0.0751	0.000012	6.13	9.83	0.0607	0.0017	44.8	0.00502	0.00873	0.000211	0.000591	0.000311	0.139	0.00000193	0.00178	0.000598	0.00165	0.00155
2107 Jun	0.000266	0.00175	0.0754	0.000012	6.12	9.83	0.0608	0.0017	44.7	0.00502	0.00873	0.000213	0.000591	0.000311	0.14	0.00000192	0.00178	0.0006	0.00165	0.00155
2107 Jul	0.000267	0.00176	0.0756	0.000012	6.14	9.86	0.061	0.0017	44.9	0.00503	0.00875	0.000213	0.000593	0.000312	0.14	0.00000193	0.00178	0.000601	0.00165	0.00156
2107 Aug	0.000267	0.00177	0.0758	0.0000121	6.17	9.9	0.0612	0.00171	45	0.00505	0.00878	0.000214	0.000595	0.000313	0.14	0.00000193	0.00179	0.000603	0.00166	0.00156
2107 Sep	0.000268	0.00177	0.0758	0.0000121	6.18	9.92	0.0613	0.00171	45.1	0.00506	0.00879	0.000214	0.000596	0.000314	0.141	0.00000194	0.00179	0.000603	0.00166	0.00157
2107 Oct	0.000267	0.00177	0.0758	0.0000121	6.18	9.91	0.0612	0.00171	45.1	0.00506	0.00878	0.000213	0.000596	0.000313	0.14	0.00000193	0.00179	0.000603	0.00166	0.00157
2107 Nov	0.000267	0.00177	0.0757	0.0000121	6.18	9.91	0.0612	0.00171	45.1	0.00506	0.00878	0.000213	0.000596	0.000313	0.14	0.00000193	0.00179	0.000603	0.00166	0.00157
2107 Dec	0.000267	0.00177	0.0757	0.0000121	6.18	9.91	0.0612	0.00171	45.1	0.00506	0.00878	0.000213	0.000596	0.000313	0.14	0.00000193	0.00179	0.000603	0.00166	0.00157
2108 Jan	0.000267	0.00177	0.0757	0.0000121	6.18	9.91	0.0612	0.00171	45.1	0.00506	0.00878	0.000213	0.000596	0.000313	0.14	0.00000193	0.00179	0.000603	0.00166	0.00157
2108 Feb	0.000267	0.00177	0.0757	0.0000121	6.18	9.91	0.0612	0.00171	45.1	0.00506	0.00878	0.000213	0.000596	0.000313	0.14	0.00000193	0.00179	0.000603	0.00166	0.00157
2108 Mar	0.000267	0.00177	0.0757	0.0000121	6.18	9.92	0.0612	0.00171	45.1	0.00506	0.00879	0.000213	0.000596	0.000313	0.14	0.00000193	0.00179	0.000603	0.00166	0.00157
2108 Apr	0.000267	0.00177	0.0758	0.0000121	6.18	9.92	0.0613	0.00172	45.1	0.00506	0.00879	0.000213	0.000596	0.000314	0.141	0.00000193	0.0018	0.000603	0.00166	0.00157
2108 May	0.000268	0.00177	0.0759	0.0000121	6.19	9.94	0.0614	0.00172	45.2	0.00507	0.00881	0.000214	0.000597	0.000314	0.141	0.00000194	0.0018	0.000604	0.00166	0.00157
2108 Jun	0.000268	0.00177	0.076	0.0000121	6.18	9.93	0.0614	0.00172	45.1	0.00507	0.0088	0.000214	0.000597	0.000314	0.141	0.00000194	0.0018	0.000605	0.00166	0.00157
2108 Jul	0.000269	0.00178	0.0763	0.0000122	6.21	9.97	0.0616	0.00172	45.3	0.00509	0.00884	0.000215	0.0006	0.000315	0.141	0.00000194	0.0018	0.000607	0.00167	0.00158
2108 Aug	0.00027	0.00178	0.0767	0.0000123	6.24	10	0.0619	0.00173	45.5	0.00512	0.00888	0.000216	0.000603	0.000317	0.142	0.00000195	0.00181	0.00061	0.00168	0.00158
2108 Sep	0.00027	0.00179	0.0767	0.0000123	6.25	10	0.062	0.00174	45.6	0.00512	0.00889	0.000216	0.000604	0.000317	0.142	0.00000195	0.00182	0.000611	0.00168	0.00159
2108 Oct	0.000269	0.00178	0.0764	0.0000122	6.24	10	0.0618	0.00173	45.5	0.00511	0.00887	0.000214	0.000602	0.000317	0.142	0.00000195	0.00181	0.000609	0.00167	0.00159
2108 Nov	0.000269	0.00178	0.0764	0.0000122	6.24	10	0.0618	0.00173	45.5	0.00511	0.00886	0.000214	0.000602	0.000317	0.142	0.00000194	0.00181	0.000608	0.00167	0.00158
2108 Dec	0.000269	0.00178	0.0764	0.0000122	6.24	10	0.0618	0.00173	45.5	0.00511	0.00887	0.000214	0.000602	0.000317	0.142	0.00000194	0.00181	0.000608	0.00167	0.00158
2109 Jan	0.000269	0.00178	0.0764	0.0000122	6.24	10	0.0618	0.00173	45.5	0.00511	0.00887	0.000214	0.000602	0.000317	0.142	0.00000194	0.00181	0.000608	0.00167	0.00158
2109 Feb	0.000269	0.00178	0.0764	0.0000122	6.24	10	0.0618	0.00173	45.5	0.00511	0.00887	0.000214	0.000602	0.000317	0.142	0.00000194	0.00181	0.000608	0.00167	0.00158
2109 Mar	0.000269	0.00178	0.0764	0.0000122	6.24	10	0.0618	0.00173	45.5	0.00511	0.00887	0.000214	0.000602	0.000317	0.142	0.00000195	0.00181	0.000608	0.00167	0.00159
2109 Apr	0.000269	0.00178	0.0765	0.0000123	6.24	10	0.0618	0.00173	45.5	0.00512	0.00887	0.000214	0.000603	0.000317	0.142	0.00000195	0.00181	0.000609	0.00167	0.00159
2109 May	0.00027	0.00178	0.0767	0.0000123	6.25	10	0.062	0.00173	45.5	0.00512	0.00888	0.000216	0.000603	0.000317	0.142	0.00000195	0.00182	0.00061	0.00168	0.00159
2109 Jun	0.000271	0.00179	0.0771	0.0000123	6.25	10	0.0622	0.00173	45.5	0.00512	0.00889	0.000218	0.000603	0.000317	0.142	0.00000195	0.00182	0.000613	0.00168	0.00159
2109 Jul	0.000272	0.00179	0.0773	0.0000123	6.27	10.1	0.0624	0.00174	45.7	0.00514	0.00892	0.000218	0.000606	0.000318	0.143	0.00000195	0.00182	0.000615	0.00168	0.00159
2109 Aug	0.000273	0.0018	0.0775	0.0000124	6.3	10.1	0.0626	0.00175	45.8	0.00516	0.00894	0.000218	0.000608	0.00032	0.143	0.00000196	0.00183	0.000616	0.00169	0.0016
2109 Sep	0.000273	0.0018	0.0774	0.0000124	6.3	10.1	0.0626	0.00175	45.8	0.00516	0.00894	0.000218	0.000608	0.00032	0.143	0.00000195	0.00183	0.000616	0.00169	0.0016
2109 Oct	0.000272	0.00179	0.0772	0.0000124	6.29	10.1	0.0624	0.00175	45.7	0.00515	0.00892	0.000217	0.000607	0.000319	0.143	0.00000195	0.00183	0.000614	0.00168	0.0016
2109 Nov	0.000272	0.00179	0.0772	0.0000124	6.29	10.1	0.0624	0.00175	45.7	0.00515	0.00892	0.000217	0.000607	0.000319	0.143	0.00000195	0.00183	0.000614	0.00168	0.0016
2109 Dec	0.000272	0.00179	0.0772	0.0000124	6.29	10.1	0.0624	0.00175	45.7	0.00515	0.00892	0.000217	0.000607	0.000319	0.143	0.00000195	0.00183	0.000614	0.00168	0.0016
2110 Jan	0.000272	0.00179	0.0772	0.0000124	6.29	10.1	0.0624	0.00175	45.7	0.00515	0.00892	0.000217	0.000607	0.000319	0.143	0.00000195	0.00183	0.000614	0.00168	0.0016
2110 Feb	0.000272	0.00179	0.0772	0.0000124	6.29	10.1	0.0624	0.00175	45.7	0.00515	0.00892	0.000217	0.000607	0.000319	0.143	0.00000195	0.00183	0.000614	0.00168	0.0016
2110 Mar	0.000272	0.00179	0.0772	0.0000124	6.29	10.1	0.0624	0.00175	45.7	0.00516	0.00892	0.000217	0.000607	0.000319	0.143	0.00000195	0.00183	0.000614	0.00168	0.0016
2110 Apr	0.000272	0.00179	0.0773	0.0000124	6.29	10.1	0.0624	0.00175	45.8	0.00516	0.00893	0.000217	0.000607	0.000319	0.143	0.00000195	0.00183	0.000614	0.00168	0.0016
2110 May	0.000272	0.0018	0.0774	0.0000124	6.3	10.1	0.0625	0.00175	45.8	0.00516	0.00893	0.000217	0.000608	0.00032	0.143	0.00000195	0.00183	0.000615	0.00168	0.0016
2110 Jun	0.000273	0.00179	0.0776	0.0000123	6.28	10.1	0.0626	0.00174	45.6	0.00515	0.00891	0.000219	0.000606	0.000319	0.143	0.00000194	0.00182	0.000616	0.00168	0.00159
2110 Jul	0.000273	0.0018	0.0778	0.0000124	6.3	10.1	0.0627	0.00175	45.8	0.00516	0.00894	0.000219	0.000609	0.00032	0.143	0.00000195	0.00183	0.000618	0.00169	0.0016
2110 Aug	0.000272	0.00179	0.0775	0.0000124	6.3	10.1	0.0626	0.00175	45.7	0.00516	0.00892	0.000218	0.000608	0.00032	0.143	0.00000194	0.00183	0.000616	0.00168	0.0016
2110 Sep	0.000271	0.00179	0.0772	0.0000124	6.28	10.1	0.0624	0.00175	45.6	0.00515	0.00889	0.000217	0.000607	0.000319	0.143	0.00000193	0.00183	0.000613	0.00167	0.0016

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2110 Oct	0.00027	0.00178	0.0769	0.0000123	6.27	10.1	0.0622	0.00174	45.4	0.00514	0.00887	0.000215	0.000605	0.000318	0.142	0.00000193	0.00182	0.00061	0.00167	0.00159
2110 Nov	0.00027	0.00178	0.0769	0.0000123	6.26	10.1	0.0621	0.00174	45.4	0.00513	0.00886	0.000215	0.000604	0.000318	0.142	0.00000192	0.00182	0.00061	0.00167	0.00159
2110 Dec	0.00027	0.00178	0.0769	0.0000123	6.26	10.1	0.0621	0.00174	45.4	0.00513	0.00886	0.000215	0.000604	0.000318	0.142	0.00000192	0.00182	0.00061	0.00167	0.00159
2111 Jan	0.00027	0.00178	0.0769	0.0000123	6.26	10.1	0.0621	0.00174	45.4	0.00513	0.00886	0.000215	0.000605	0.000318	0.142	0.00000192	0.00182	0.00061	0.00167	0.00159
2111 Feb	0.00027	0.00178	0.0769	0.0000123	6.26	10.1	0.0621	0.00174	45.4	0.00513	0.00886	0.000215	0.000605	0.000318	0.142	0.00000192	0.00182	0.00061	0.00167	0.00159
2111 Mar	0.00027	0.00178	0.0769	0.0000123	6.26	10.1	0.0621	0.00174	45.4	0.00514	0.00887	0.000215	0.000605	0.000318	0.142	0.00000192	0.00182	0.00061	0.00167	0.00159
2111 Apr	0.00027	0.00178	0.0769	0.0000123	6.27	10.1	0.0622	0.00174	45.4	0.00514	0.00887	0.000215	0.000605	0.000318	0.142	0.00000193	0.00182	0.00061	0.00167	0.00159
2111 May	0.000271	0.00178	0.0772	0.0000123	6.27	10.1	0.0623	0.00175	45.5	0.00514	0.00888	0.000216	0.000605	0.000318	0.143	0.00000193	0.00183	0.000612	0.00167	0.0016
2111 Jun	0.000272	0.00178	0.0775	0.0000123	6.26	10.1	0.0624	0.00174	45.3	0.00513	0.00887	0.000218	0.000604	0.000318	0.143	0.00000192	0.00182	0.000614	0.00167	0.00159
2111 Jul	0.000273	0.00179	0.0779	0.0000124	6.29	10.1	0.0627	0.00175	45.5	0.00516	0.00892	0.000219	0.000607	0.000319	0.143	0.00000193	0.00183	0.000617	0.00168	0.0016
2111 Aug	0.000272	0.00179	0.0778	0.0000124	6.3	10.1	0.0627	0.00175	45.6	0.00516	0.00891	0.000219	0.000608	0.00032	0.143	0.00000193	0.00183	0.000616	0.00168	0.0016
2111 Sep	0.000272	0.00179	0.0777	0.0000124	6.3	10.1	0.0627	0.00175	45.6	0.00517	0.00891	0.000218	0.000608	0.00032	0.143	0.00000193	0.00183	0.000616	0.00168	0.0016
2111 Oct	0.000272	0.00179	0.0775	0.0000124	6.29	10.1	0.0626	0.00175	45.5	0.00516	0.00889	0.000217	0.000607	0.000319	0.143	0.00000192	0.00183	0.000614	0.00167	0.0016
2111 Nov	0.000271	0.00179	0.0774	0.0000124	6.28	10.1	0.0625	0.00175	45.5	0.00515	0.00889	0.000217	0.000607	0.000319	0.143	0.00000192	0.00183	0.000613	0.00167	0.0016
2111 Dec	0.000271	0.00179	0.0774	0.0000124	6.28	10.1	0.0625	0.00175	45.5	0.00515	0.00889	0.000217	0.000607	0.000319	0.143	0.00000192	0.00183	0.000613	0.00167	0.0016
2112 Jan	0.000271	0.00179	0.0774	0.0000124	6.28	10.1	0.0625	0.00175	45.5	0.00515	0.00889	0.000217	0.000607	0.000319	0.143	0.00000192	0.00183	0.000613	0.00167	0.0016
2112 Feb	0.000271	0.00179	0.0774	0.0000124	6.28	10.1	0.0625	0.00175	45.5	0.00515	0.00889	0.000217	0.000607	0.000319	0.143	0.00000192	0.00183	0.000613	0.00167	0.0016
2112 Mar	0.000271	0.00179	0.0774	0.0000124	6.28	10.1	0.0625	0.00175	45.5	0.00515	0.00889	0.000217	0.000607	0.000319	0.143	0.00000192	0.00183	0.000613	0.00167	0.0016
2112 Apr	0.000271	0.00179	0.0775	0.0000124	6.29	10.1	0.0625	0.00175	45.5	0.00516	0.00889	0.000217	0.000607	0.000319	0.143	0.00000192	0.00183	0.000613	0.00167	0.0016
2112 May	0.000272	0.00179	0.0777	0.0000124	6.29	10.1	0.0626	0.00175	45.5	0.00516	0.0089	0.000218	0.000607	0.000319	0.143	0.00000192	0.00183	0.000615	0.00167	0.0016
2112 Jun	0.000272	0.00178	0.0778	0.0000123	6.26	10.1	0.0626	0.00174	45.2	0.00513	0.00886	0.000219	0.000605	0.000318	0.143	0.00000191	0.00182	0.000615	0.00166	0.00159
2112 Jul	0.000272	0.00178	0.0779	0.0000124	6.27	10.1	0.0627	0.00175	45.3	0.00515	0.00887	0.000219	0.000606	0.000319	0.143	0.00000191	0.00183	0.000616	0.00167	0.0016
2112 Aug	0.000273	0.00179	0.0781	0.0000124	6.3	10.1	0.0629	0.00175	45.5	0.00517	0.0089	0.00022	0.000609	0.00032	0.144	0.00000192	0.00184	0.000618	0.00167	0.0016
2112 Sep	0.000273	0.00179	0.078	0.0000124	6.3	10.1	0.0629	0.00176	45.5	0.00517	0.0089	0.00022	0.000609	0.00032	0.144	0.00000192	0.00184	0.000618	0.00167	0.00161
2112 Oct	0.000273	0.00179	0.078	0.0000124	6.3	10.1	0.0629	0.00176	45.5	0.00517	0.0089	0.000219	0.000609	0.00032	0.144	0.00000191	0.00184	0.000617	0.00167	0.00161
2112 Nov	0.000273	0.00179	0.078	0.0000124	6.3	10.1	0.0629	0.00176	45.5	0.00517	0.0089	0.000219	0.000609	0.00032	0.144	0.00000191	0.00184	0.000617	0.00167	0.00161
2112 Dec	0.000273	0.00179	0.078	0.0000124	6.31	10.1	0.0629	0.00176	45.5	0.00517	0.0089	0.000219	0.000609	0.00032	0.144	0.00000191	0.00184	0.000617	0.00167	0.00161
2113 Jan	0.000273	0.00179	0.078	0.0000124	6.31	10.1	0.0629	0.00176	45.5	0.00517	0.0089	0.000219	0.000609	0.00032	0.144	0.00000191	0.00184	0.000617	0.00167	0.00161
2113 Feb	0.000273	0.00179	0.078	0.0000124	6.31	10.1	0.0629	0.00176	45.5	0.00517	0.0089	0.000219	0.000609	0.00032	0.144	0.00000191	0.00184	0.000617	0.00167	0.00161
2113 Mar	0.000273	0.00179	0.078	0.0000124	6.31	10.1	0.0629	0.00176	45.5	0.00518	0.0089	0.000219	0.000609	0.00032	0.144	0.00000191	0.00184	0.000618	0.00167	0.00161
2113 Apr	0.000273	0.00179	0.078	0.0000124	6.31	10.1	0.063	0.00176	45.5	0.00518	0.0089	0.000219	0.00061	0.00032	0.144	0.00000192	0.00184	0.000618	0.00167	0.00161
2113 May	0.000274	0.00179	0.0783	0.0000125	6.31	10.2	0.0631	0.00176	45.6	0.00518	0.00892	0.00022	0.00061	0.000321	0.144	0.00000192	0.00184	0.000619	0.00167	0.00161
2113 Jun	0.000274	0.00179	0.0785	0.0000124	6.3	10.1	0.0632	0.00176	45.5	0.00517	0.00891	0.000222	0.00061	0.00032	0.144	0.00000191	0.00184	0.000621	0.00167	0.0016
2113 Jul	0.000275	0.00179	0.0788	0.0000125	6.33	10.2	0.0634	0.00176	45.6	0.00519	0.00893	0.000223	0.000612	0.000321	0.144	0.00000192	0.00184	0.000623	0.00168	0.00161
2113 Aug	0.000276	0.0018	0.0789	0.0000125	6.35	10.2	0.0636	0.00177	45.8	0.00521	0.00896	0.000223	0.000614	0.000323	0.145	0.00000192	0.00185	0.000624	0.00168	0.00162
2113 Sep	0.000275	0.0018	0.0788	0.0000125	6.35	10.2	0.0636	0.00177	45.8	0.00522	0.00895	0.000222	0.000614	0.000323	0.145	0.00000192	0.00185	0.000624	0.00168	0.00162
2113 Oct	0.000274	0.00179	0.0785	0.0000125	6.34	10.2	0.0633	0.00177	45.6	0.0052	0.00893	0.000221	0.000612	0.000322	0.144	0.00000191	0.00185	0.000621	0.00167	0.00162
2113 Nov	0.000274	0.00179	0.0785	0.0000125	6.33	10.2	0.0633	0.00177	45.6	0.0052	0.00892	0.000221	0.000612	0.000322	0.144	0.00000191	0.00185	0.00062	0.00167	0.00161
2113 Dec	0.000274	0.00179	0.0785	0.0000125	6.33	10.2	0.0633	0.00177	45.6	0.0052	0.00892	0.000221	0.000612	0.000322	0.144	0.00000191	0.00185	0.00062	0.00167	0.00161
2114 Jan	0.000274	0.00179	0.0785	0.0000125	6.33	10.2	0.0633	0.00177	45.6	0.0052	0.00892	0.000221	0.000612	0.000322	0.144	0.00000191	0.00185	0.00062	0.00167	0.00161
2114 Feb	0.000274	0.00179	0.0785	0.0000125	6.33	10.2	0.0633	0.00177	45.6	0.0052	0.00892	0.000221	0.000612	0.000322	0.144	0.00000191	0.00185	0.00062	0.00167	0.00161
2114 Mar	0.000274	0.00179	0.0785	0.0000125	6.33	10.2	0.0633	0.00177	45.6	0.0052	0.00892	0.000221	0.000612	0.000322	0.144	0.00000191	0.00185	0.00062	0.00167	0.00161
2114 Apr	0.000274	0.00179	0.0785	0.0000125	6.34	10.2	0.0633	0.00177	45.6	0.0052	0.00893	0.000221	0.000612	0.000322	0.144	0.00000191	0.00185	0.000621	0.00167	0.00162
2114 May	0.000275	0.00179	0.0787	0.0000125	6.33	10.2	0.0634	0.00177	45.6	0.0052	0.00893	0.000222	0.000612	0.000322	0.144	0.00000191	0.00185	0.000622	0.00167	0.00161
2114 Jun	0.000276	0.0018	0.0791	0.0000125	6.34	10.2	0.0637	0.00177	45.6	0.00521	0.00895	0.000224	0.000613	0.000322	0.145	0.00000191	0.00185	0.000625	0.00168	0.00162
2114 Jul	0.000277	0.00181	0.0795	0.0000126	6.38	10.3	0.064	0.00178	45.9	0.00524	0.00899	0.000225	0.000617	0.000324	0.146	0.00000192	0.00186	0.000628	0.00169	0.00162
2114 Aug	0.000279	0.00181	0.0798	0.0000127	6.41	10.3	0.0643	0.00179	46.1	0.00526	0.00903	0.000226	0.00062	0.000325	0.146	0.00000193	0.00187	0.000631	0.00169	0.00163
2114 Sep	0.000278	0.00181	0.0797	0.0000127	6.41	10.3	0.0643	0.00179	46.1	0.00526	0.00903	0.000225	0.00062	0.000326	0.146	0.00000193	0.00187	0.00063	0.00169	0.00163
2114 Oct	0.000278	0.00181	0.0795	0.0000126	6.4	10.3	0.0641	0.00179	46	0.00526	0.00901	0.000224	0.000619	0.000325	0.146	0.00000192	0.00187	0.000628	0.00169	0.00163
2114 Nov	0.000277	0.00181	0.0794	0.0000126	6.39	10.3	0.064	0.00178	46	0.00525	0.009	0.000223	0.000618	0.000325	0.146	0.00000192	0.00187	0.000627	0.00168	0.00163
2114 Dec	0.000277	0.00181	0.0794	0.0000126	6.39	10.3	0.064	0.00178	46	0.00525	0.009	0.000223	0.000618	0.000325	0.146	0.00000192	0.00187	0.000627	0.00168	0.00163
2115 Jan	0.000277	0.00181	0.0794	0.0000126	6.39	10.3	0.064	0.00178	46	0.00525	0.009	0.000223	0.000618	0.000325	0.146	0.00000192	0.00187	0.000627	0.00168	0.00163
2115 Feb	0.000277	0.00181	0.0794	0.0000126	6.39	10.3	0.064	0.00178	46	0.00525	0.009	0.000223	0.000618	0.000325	0.146	0.00000192	0.00187	0.000627	0.00168	0.00163
2115 Mar	0.000277	0.00181	0.0794	0.0000126	6.39	10.3	0.064	0.00178	46	0.00525	0.009	0.000223	0.000618	0.000325	0.146	0.00000192	0.00187	0.000627	0.00168	0.00163
2115 Apr	0.000277	0.00181	0.0794	0.0000126	6.4	10.3	0.064	0.00179	46	0.00525	0.009	0.000224	0.000618	0.000325	0.146	0.00000192	0.00187	0.000627	0.00169	0.00163
2115 May	0.000278	0.00181	0.0797	0.0000126	6.4	10.3	0.0641	0.00178	46	0.00525	0.00901	0.000225	0.000618	0.000325	0.146	0.00000192	0.00187	0.000629	0.00169	0.00163

Appendix C.2-27: FZONE04

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2115 Jun	0.000279	0.00181	0.0801	0.0000127	6.41	10.3	0.0644	0.00179	46.1	0.00526	0.00903	0.000226	0.00062	0.000326	0.146	0.00000192	0.00187	0.000632	0.00169	0.00163
2115 Jul	0.00028	0.00182	0.0804	0.0000127	6.44	10.4	0.0647	0.0018	46.3	0.00529	0.00907	0.000227	0.000623	0.000327	0.147	0.00000193	0.00188	0.000634	0.0017	0.00164
2115 Aug	0.00028	0.00182	0.0803	0.0000127	6.45	10.4	0.0647	0.0018	46.3	0.00529	0.00906	0.000227	0.000623	0.000327	0.147	0.00000193	0.00188	0.000633	0.0017	0.00164
2115 Sep	0.00028	0.00182	0.0803	0.0000128	6.46	10.4	0.0647	0.0018	46.4	0.0053	0.00907	0.000226	0.000624	0.000328	0.147	0.00000193	0.00188	0.000633	0.0017	0.00165
2115 Oct	0.00028	0.00182	0.0802	0.0000128	6.46	10.4	0.0647	0.0018	46.4	0.0053	0.00907	0.000226	0.000624	0.000328	0.147	0.00000193	0.00189	0.000633	0.0017	0.00165
2115 Nov	0.00028	0.00182	0.0802	0.0000128	6.45	10.4	0.0647	0.0018	46.3	0.0053	0.00906	0.000226	0.000624	0.000328	0.147	0.00000193	0.00188	0.000633	0.0017	0.00165
2115 Dec	0.00028	0.00182	0.0802	0.0000128	6.45	10.4	0.0647	0.0018	46.3	0.0053	0.00906	0.000226	0.000624	0.000328	0.147	0.00000193	0.00188	0.000633	0.0017	0.00165
2116 Jan	0.00028	0.00182	0.0802	0.0000128	6.45	10.4	0.0647	0.0018	46.3	0.0053	0.00906	0.000226	0.000624	0.000328	0.147	0.00000193	0.00188	0.000633	0.0017	0.00165
2116 Feb	0.00028	0.00182	0.0802	0.0000128	6.45	10.4	0.0647	0.0018	46.3	0.0053	0.00906	0.000226	0.000624	0.000328	0.147	0.00000193	0.00188	0.000633	0.0017	0.00165
2116 Mar	0.00028	0.00182	0.0802	0.0000128	6.45	10.4	0.0647	0.0018	46.3	0.0053	0.00907	0.000226	0.000624	0.000328	0.147	0.00000193	0.00188	0.000633	0.0017	0.00165
2116 Apr	0.00028	0.00182	0.0802	0.0000128	6.46	10.4	0.0647	0.0018	46.4	0.0053	0.00907	0.000226	0.000624	0.000328	0.147	0.00000193	0.00189	0.000633	0.0017	0.00165
2116 May	0.00028	0.00182	0.0805	0.0000128	6.46	10.4	0.0648	0.0018	46.3	0.0053	0.00908	0.000227	0.000624	0.000328	0.147	0.00000193	0.00189	0.000634	0.0017	0.00165
2116 Jun	0.00028	0.00182	0.0806	0.0000127	6.43	10.4	0.0648	0.00179	46.1	0.00528	0.00904	0.000228	0.000622	0.000327	0.147	0.00000192	0.00188	0.000635	0.00169	0.00164
2116 Jul	0.000282	0.00182	0.0809	0.0000128	6.46	10.4	0.0651	0.0018	46.3	0.00531	0.00908	0.000229	0.000625	0.000328	0.148	0.00000192	0.00189	0.000638	0.0017	0.00165
2116 Aug	0.000283	0.00183	0.0811	0.0000128	6.49	10.4	0.0653	0.00181	46.5	0.00533	0.00911	0.00023	0.000628	0.00033	0.148	0.00000193	0.0019	0.00064	0.00171	0.00166
2116 Sep	0.000282	0.00183	0.0809	0.0000128	6.49	10.4	0.0652	0.00181	46.5	0.00533	0.0091	0.000229	0.000627	0.00033	0.148	0.00000193	0.0019	0.000638	0.0017	0.00166
2116 Oct	0.000281	0.00183	0.0807	0.0000128	6.47	10.4	0.0651	0.00181	46.4	0.00532	0.00908	0.000228	0.000626	0.000329	0.148	0.00000192	0.00189	0.000636	0.0017	0.00165
2116 Nov	0.000281	0.00183	0.0807	0.0000128	6.47	10.4	0.0651	0.00181	46.4	0.00532	0.00909	0.000228	0.000626	0.000329	0.148	0.00000192	0.00189	0.000636	0.0017	0.00165
2116 Dec	0.000281	0.00183	0.0807	0.0000128	6.47	10.4	0.0651	0.00181	46.4	0.00532	0.00909	0.000228	0.000626	0.000329	0.148	0.00000192	0.00189	0.000636	0.0017	0.00165
2117 Jan	0.000281	0.00183	0.0807	0.0000128	6.47	10.4	0.0651	0.00181	46.4	0.00532	0.00909	0.000228	0.000626	0.000329	0.148	0.00000192	0.00189	0.000636	0.0017	0.00165
2117 Feb	0.000281	0.00183	0.0807	0.0000128	6.47	10.4	0.0651	0.00181	46.4	0.00532	0.00909	0.000228	0.000626	0.000329	0.148	0.00000192	0.00189	0.000636	0.0017	0.00165
2117 Mar	0.000281	0.00183	0.0807	0.0000128	6.48	10.4	0.0651	0.00181	46.4	0.00532	0.00909	0.000228	0.000626	0.000329	0.148	0.00000192	0.00189	0.000636	0.0017	0.00165
2117 Apr	0.000281	0.00183	0.0808	0.0000128	6.48	10.4	0.0651	0.00181	46.4	0.00532	0.00909	0.000228	0.000626	0.000329	0.148	0.00000192	0.00189	0.000637	0.0017	0.00165
2117 May	0.000282	0.00183	0.081	0.0000128	6.48	10.4	0.0652	0.00181	46.4	0.00533	0.0091	0.000229	0.000627	0.000329	0.148	0.00000192	0.00189	0.000638	0.0017	0.00165
2117 Jun	0.000283	0.00183	0.0814	0.0000128	6.49	10.4	0.0654	0.00181	46.4	0.00533	0.00911	0.000231	0.000628	0.00033	0.148	0.00000192	0.00189	0.000641	0.0017	0.00166
2117 Jul	0.000284	0.00184	0.0817	0.0000129	6.52	10.5	0.0657	0.00182	46.7	0.00536	0.00916	0.000231	0.000631	0.000331	0.149	0.00000193	0.0019	0.000643	0.00171	0.00166
2117 Aug	0.000285	0.00184	0.0819	0.0000129	6.54	10.5	0.0659	0.00183	46.8	0.00537	0.00918	0.000232	0.000633	0.000332	0.149	0.00000194	0.00191	0.000645	0.00171	0.00167
2117 Sep	0.000285	0.00185	0.0819	0.000013	6.55	10.6	0.066	0.00183	46.9	0.00538	0.00919	0.000232	0.000634	0.000333	0.15	0.00000194	0.00191	0.000645	0.00172	0.00167
2117 Oct	0.000285	0.00185	0.0819	0.000013	6.55	10.6	0.066	0.00183	46.9	0.00538	0.00918	0.000231	0.000634	0.000333	0.15	0.00000194	0.00191	0.000645	0.00171	0.00167
2117 Nov	0.000285	0.00185	0.0818	0.000013	6.55	10.5	0.0659	0.00183	46.9	0.00538	0.00918	0.000231	0.000634	0.000333	0.15	0.00000194	0.00191	0.000645	0.00171	0.00167
2117 Dec	0.000285	0.00185	0.0818	0.000013	6.55	10.5	0.0659	0.00183	46.9	0.00538	0.00918	0.000231	0.000634	0.000333	0.15	0.00000194	0.00191	0.000645	0.00171	0.00167
2118 Jan	0.000285	0.00185	0.0818	0.000013	6.55	10.5	0.0659	0.00183	46.9	0.00538	0.00918	0.000231	0.000634	0.000333	0.15	0.00000194	0.00191	0.000645	0.00171	0.00167
2118 Feb	0.000285	0.00185	0.0818	0.000013	6.55	10.5	0.0659	0.00183	46.9	0.00538	0.00918	0.000231	0.000634	0.000333	0.15	0.00000194	0.00191	0.000645	0.00171	0.00167
2118 Mar	0.000285	0.00185	0.0818	0.000013	6.55	10.6	0.0659	0.00183	46.9	0.00538	0.00918	0.000231	0.000634	0.000333	0.15	0.00000194	0.00191	0.000645	0.00171	0.00167
2118 Apr	0.000285	0.00185	0.0819	0.000013	6.55	10.6	0.066	0.00183	46.9	0.00538	0.00919	0.000231	0.000634	0.000333	0.15	0.00000194	0.00192	0.000645	0.00172	0.00167
2118 May	0.000286	0.00185	0.0822	0.000013	6.55	10.5	0.0661	0.00183	46.8	0.00538	0.00918	0.000233	0.000633	0.000333	0.15	0.00000193	0.00191	0.000647	0.00171	0.00167
2118 Jun	0.000286	0.00184	0.0823	0.0000129	6.53	10.5	0.0662	0.00182	46.6	0.00536	0.00916	0.000235	0.000632	0.000332	0.149	0.00000192	0.00191	0.000647	0.00171	0.00167
2118 Jul	0.000287	0.00185	0.0827	0.000013	6.56	10.6	0.0665	0.00183	46.9	0.00539	0.0092	0.000236	0.000635	0.000334	0.15	0.00000193	0.00192	0.000651	0.00172	0.00168
2118 Aug	0.000287	0.00185	0.0827	0.000013	6.58	10.6	0.0665	0.00184	47	0.0054	0.00921	0.000235	0.000636	0.000334	0.15	0.00000193	0.00192	0.000651	0.00172	0.00168
2118 Sep	0.000286	0.00185	0.0823	0.000013	6.56	10.6	0.0663	0.00183	46.9	0.00539	0.00918	0.000234	0.000635	0.000333	0.15	0.00000193	0.00192	0.000648	0.00171	0.00168
2118 Oct	0.000285	0.00184	0.0822	0.000013	6.55	10.6	0.0662	0.00183	46.8	0.00538	0.00916	0.000233	0.000634	0.000333	0.15	0.00000192	0.00192	0.000646	0.00171	0.00167
2118 Nov	0.000285	0.00184	0.0821	0.000013	6.55	10.6	0.0661	0.00183	46.7	0.00538	0.00916	0.000233	0.000634	0.000333	0.15	0.00000192	0.00192	0.000646	0.00171	0.00167
2118 Dec	0.000285	0.00184	0.0821	0.000013	6.55	10.6	0.0661	0.00183	46.7	0.00538	0.00916	0.000233	0.000634	0.000333	0.15	0.00000192	0.00192	0.000646	0.00171	0.00167
2119 Jan	0.000285	0.00184	0.0821	0.000013	6.55	10.6	0.0661	0.00183	46.7	0.00538	0.00916	0.000233	0.000634	0.000333	0.15	0.00000192	0.00192	0.000646	0.00171	0.00167
2119 Feb	0.000285	0.00184	0.0821	0.000013	6.55	10.6	0.0661	0.00183	46.7	0.00538	0.00916	0.000233	0.000634	0.000333	0.15	0.00000192	0.00192	0.000646	0.00171	0.00167
2119 Mar	0.000285	0.00184	0.0821	0.000013	6.55	10.6	0.0661	0.00183	46.8	0.00538	0.00916	0.000233	0.000634	0.000333	0.15	0.00000192	0.00192	0.000646	0.00171	0.00167
2119 Apr	0.000286	0.00184	0.0823	0.000013	6.56	10.6	0.0662	0.00183	46.8	0.00539	0.00917	0.000233	0.000634	0.000333	0.15	0.00000192	0.00192	0.000647	0.00171	0.00168
2119 May	0.000288	0.00184	0.0828	0.000013	6.54	10.5	0.0665	0.00183	46.6	0.00538	0.00917	0.000235	0.000633	0.000332	0.15	0.00000192	0.00191	0.00065	0.00171	0.00167
2119 Jun	0.000288	0.00184	0.0829	0.000013	6.54	10.6	0.0666	0.00183	46.6	0.00538	0.00916	0.000235	0.000633	0.000332	0.15	0.00000191	0.00191	0.00065	0.00171	0.00167
2119 Jul	0.000289	0.00185	0.0832	0.000013	6.58	10.6	0.0669	0.00184	46.9	0.00541	0.0092	0.000236	0.000636	0.000334	0.151	0.00000192	0.00192	0.000653	0.00171	0.00168
2119 Aug	0.000289	0.00186	0.0834	0.0000131	6.6	10.6	0.067	0.00185	47	0.00543	0.00922	0.000237	0.000639	0.000335	0.151	0.00000193	0.00193	0.000655	0.00172	0.00169
2119 Sep	0.000289	0.00185	0.0832	0.0000131	6.6	10.6	0.067	0.00185	47	0.00542	0.00921	0.000236	0.000638	0.000335	0.151	0.00000192	0.00193	0.000654	0.00172	0.00169
2119 Oct	0.000288	0.00185	0.083	0.0000131	6.59	10.6	0.0668	0.00184	46.9	0.00542	0.0092	0.000235	0.000638	0.000335	0.151	0.00000192	0.00193	0.000652	0.00171	0.00168
2119 Nov	0.000288	0.00185	0.0829	0.000013	6.59	10.6	0.0668	0.00184	46.9	0.00541	0.00919	0.000235	0.000637	0.000335	0.151	0.00000192	0.00193	0.000652	0.00171	0.00168
2119 Dec	0.000288	0.00185	0.0829	0.000013	6.59	10.6	0.0668	0.00184	46.9	0.00541	0.00919	0.000235	0.000637	0.000335	0.151	0.00000192	0.00193	0.000652	0.00171	0.00168

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2024-2031): Min	60.3	0.0695	0.0898	0.00306	36.5	0.00846	5.58	0.00000476	0.00000476	7.25E-08	0.00046	0.000217	0.014	0.00185	0.000000405	1.38	0.00000269	0.000118
Operation (2024-2031): Mean	2130	2.46	3.18	0.108	1290	0.301	197	0.000129	0.000129	0.00000237	0.0161	0.00752	0.495	0.0608	0.0000142	45.1	0.0000937	0.00412
Operation (2024-2031): Max	2510	2.9	3.75	0.128	1520	0.353	232	0.000279	0.000279	0.00000279	0.0184	0.00879	0.584	0.0703	0.0000163	52	0.000109	0.00485
Active Closure (2032-2038): Min	93.9	0.26	0.391	0.00793	35	0.0417	13.7	0.000171	0.000171	0.00000251	0.00356	0.000601	0.0323	0.0106	0.00000559	8.93	0.0000104	0.000245
Active Closure (2032-2038): Mean	244	0.482	0.693	0.0164	121	0.0614	27.4	0.000912	0.000912	0.00000476	0.00453	0.00111	0.0673	0.0144	0.00000627	11.7	0.0000168	0.000531
Active Closure (2032-2038): Max	2070	2.48	3.22	0.107	1240	0.296	192	0.00097	0.00097	0.00000494	0.0162	0.00737	0.483	0.06	0.000014	44.7	0.0000922	0.00401
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Post Closure (2039-2119): Min	97.5	0.27	0.399	0.00757	36.1	0.043	14.5	0.000685	0.000685	0.00000372	0.00363	0.000631	0.0345	0.0109	0.00000564	9.14	0.0000109	0.00026
Post Closure (2039-2119): Mean	163	0.349	0.524	0.00988	46.3	0.0763	37.4	0.000829	0.000829	0.0000044	0.00541	0.00149	0.0979	0.0182	0.00000656	14.2	0.0000233	0.000691
Post Closure (2039-2119): Max	181	0.403	0.61	0.0115	47.8	0.085	43.8	0.00097	0.00097	0.00000494	0.0059	0.00176	0.115	0.0204	0.00000685	15.8	0.0000268	0.000819
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2024-2119)																		
2024 Jan																		
2024 Feb																		
2024 Mar																		
2024 Apr																		
2024 May																		
2024 Jun																		
2024 Jul																		
2024 Aug																		
2024 Sep																		
2024 Oct																		
2024 Nov																		
2024 Dec																		
2025 Jan																		
2025 Feb																		
2025 Mar																		
2025 Apr																		
2025 May																		
2025 Jun																		
2025 Jul																		
2025 Aug																		
2025 Sep																		
2025 Oct																		
2025 Nov																		
2025 Dec																		
2026 Jan																		
2026 Feb																		
2026 Mar																		
2026 Apr																		
2026 May																		
2026 Jun																		
2026 Jul																		
2026 Aug																		
2026 Sep																		
2026 Oct																		
2026 Nov																		
2026 Dec																		
2027 Jan																		
2027 Feb																		
2027 Mar																		
2027 Apr																		
2027 May																		
2027 Jun																		
2027 Jul																		
2027 Aug																		
2027 Sep																		
2027 Oct																		
2027 Nov																		
2027 Dec																		
2028 Jan																		
2028 Feb																		
2028 Mar																		

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2028 Apr																		
2028 May																		
2028 Jun																		
2028 Jul																		
2028 Aug																		
2028 Sep																		
2028 Oct																		
2028 Nov																		
2028 Dec																		
2029 Jan																		
2029 Feb																		
2029 Mar																		
2029 Apr																		
2029 May	60.3	0.0695	0.0898	0.00306	36.5	0.00846	5.58	0.00000476	0.00000476	7.25E-08	0.00046	0.000217	0.014	0.00185	0.000000405	1.38	0.00000269	0.000118
2029 Jun	1740	2	2.58	0.088	1050	0.246	160	0.000279	0.000279	0.00000279	0.0143	0.00633	0.403	0.0541	0.0000123	40.4	0.0000805	0.0034
2029 Jul	2190	2.53	3.28	0.112	1330	0.31	203	0.000128	0.000128	0.00000242	0.0163	0.00774	0.51	0.0621	0.0000146	45.8	0.000096	0.00424
2029 Aug	2320	2.68	3.47	0.118	1410	0.328	215	0.000103	0.000103	0.0000024	0.0171	0.00817	0.54	0.0654	0.0000153	48.4	0.000101	0.00449
2029 Sep	2350	2.71	3.51	0.12	1430	0.331	218	0.0000902	0.0000902	0.00000236	0.0174	0.00825	0.546	0.0661	0.0000154	49	0.000102	0.00454
2029 Oct	2240	2.59	3.34	0.114	1360	0.316	207	0.000108	0.000108	0.00000235	0.0168	0.00788	0.52	0.0634	0.0000147	47	0.000098	0.00433
2029 Nov	2180	2.53	3.26	0.111	1320	0.309	202	0.00012	0.00012	0.00000237	0.0165	0.0077	0.508	0.0621	0.0000145	46.1	0.0000958	0.00422
2029 Dec	2180	2.53	3.26	0.111	1320	0.309	202	0.00012	0.00012	0.00000237	0.0165	0.0077	0.508	0.0621	0.0000145	46.1	0.0000959	0.00422
2030 Jan	2180	2.53	3.26	0.111	1320	0.309	202	0.00012	0.00012	0.00000237	0.0165	0.0077	0.508	0.0621	0.0000145	46.1	0.0000959	0.00422
2030 Feb	2180	2.53	3.26	0.111	1320	0.309	202	0.00012	0.00012	0.00000237	0.0165	0.0077	0.508	0.0621	0.0000145	46.1	0.0000959	0.00422
2030 Mar	2180	2.53	3.26	0.111	1330	0.309	202	0.00012	0.00012	0.00000237	0.0165	0.0077	0.508	0.0621	0.0000145	46.1	0.0000959	0.00423
2030 Apr	2180	2.53	3.26	0.111	1330	0.309	202	0.00012	0.00012	0.00000237	0.0165	0.00771	0.508	0.0621	0.0000145	46.1	0.0000959	0.00423
2030 May	2190	2.54	3.28	0.112	1330	0.311	203	0.000121	0.000121	0.00000238	0.0166	0.00774	0.51	0.0624	0.0000145	46.3	0.0000963	0.00425
2030 Jun	2000	2.3	2.98	0.102	1210	0.283	185	0.000209	0.000209	0.00000266	0.0158	0.00711	0.465	0.0574	0.0000137	42.7	0.0000906	0.00388
2030 Jul	2200	2.54	3.29	0.112	1340	0.31	204	0.000136	0.000136	0.00000246	0.0165	0.00777	0.512	0.0623	0.0000147	46	0.0000969	0.00426
2030 Aug	2340	2.7	3.5	0.119	1420	0.33	217	0.0000949	0.0000949	0.00000237	0.0172	0.00822	0.544	0.0657	0.0000153	48.6	0.000102	0.00452
2030 Sep	2510	2.9	3.75	0.128	1520	0.353	232	0.0000787	0.0000787	0.00000243	0.0184	0.00879	0.584	0.0703	0.0000163	52	0.000109	0.00485
2030 Oct	2330	2.69	3.48	0.118	1410	0.328	215	0.0000949	0.0000949	0.00000236	0.0174	0.00818	0.541	0.0656	0.0000153	48.6	0.000102	0.0045
2030 Nov	2240	2.6	3.35	0.114	1360	0.317	208	0.000111	0.000111	0.00000237	0.0169	0.0079	0.522	0.0636	0.0000148	47.2	0.0000984	0.00434
2030 Dec	2240	2.6	3.35	0.114	1360	0.317	208	0.000111	0.000111	0.00000237	0.0169	0.0079	0.522	0.0636	0.0000148	47.2	0.0000984	0.00434
2031 Jan	2240	2.6	3.35	0.114	1360	0.317	208	0.000111	0.000111	0.00000237	0.0169	0.0079	0.522	0.0636	0.0000148	47.2	0.0000984	0.00434
2031 Feb	2240	2.6	3.35	0.114	1360	0.317	208	0.000111	0.000111	0.00000237	0.0169	0.0079	0.522	0.0636	0.0000148	47.2	0.0000984	0.00434
2031 Mar	2240	2.6	3.35	0.114	1360	0.317	208	0.000111	0.000111	0.00000237	0.0169	0.0079	0.522	0.0636	0.0000148	47.2	0.0000984	0.00434
2031 Apr	2250	2.6	3.36	0.114	1360	0.318	208	0.000112	0.000112	0.00000238	0.0169	0.00791	0.523	0.0637	0.0000148	47.3	0.0000985	0.00435
2031 May	2210	2.55	3.29	0.112	1340	0.312	204	0.000131	0.000131	0.00000244	0.0167	0.00781	0.513	0.0636	0.0000147	47.3	0.0000972	0.00428
2031 Jun	1980	2.28	2.94	0.1	1200	0.279	183	0.000218	0.000218	0.00000269	0.0156	0.0071	0.459	0.0592	0.0000136	44.1	0.0000896	0.00386
2031 Jul	2190	2.52	3.26	0.111	1330	0.309	202	0.000202	0.000202	0.00000278	0.0169	0.00779	0.508	0.0637	0.0000149	47.2	0.000098	0.00425
2031 Aug	2360	2.72	3.53	0.12	1430	0.333	219	0.000102	0.000102	0.00000242	0.0174	0.0083	0.549	0.0665	0.0000155	49.2	0.000103	0.00457
2031 Sep	2200	2.55	3.29	0.112	1340	0.312	204	0.000129	0.000129	0.00000243	0.0167	0.00778	0.513	0.0627	0.0000146	46.6	0.0000966	0.00427
2031 Oct	2050	2.37	3.05	0.104	1240	0.292	190	0.000169	0.000169	0.0000025	0.016	0.00728	0.476	0.0592	0.0000138	44.1	0.0000907	0.00397
2031 Nov	2040	2.37	3.04	0.104	1240	0.291	189	0.000172	0.000172	0.00000251	0.016	0.00726	0.475	0.059	0.0000138	44	0.0000905	0.00396
2031 Dec	2040	2.37	3.04	0.104	1240	0.291	189	0.000172	0.000172	0.00000251	0.016	0.00726	0.475	0.059	0.0000138	44	0.0000905	0.00396
2032 Jan	2040	2.37	3.04	0.104	1240	0.291	189	0.000172	0.000172	0.00000251	0.016	0.00726	0.475	0.059	0.0000138	44	0.0000905	0.00396
2032 Feb	2040	2.37	3.04	0.104	1240	0.291	189	0.000172	0.000172	0.00000251	0.016	0.00726	0.475	0.059	0.0000138	44	0.0000905	0.00396
2032 Mar	2040	2.37	3.04	0.104	1240	0.291	189	0.000172	0.000172	0.00000251	0.016	0.00726	0.475	0.059	0.0000138	44	0.0000905	0.00396
2032 Apr	2040	2.37	3.05	0.104	1240	0.292	189	0.000173	0.000173	0.00000251	0.016	0.00726	0.475	0.0591	0.0000138	44.1	0.0000906	0.00396
2032 May	2070	2.48	3.22	0.107	1240	0.296	192	0.000171	0.000171	0.00000253	0.0162	0.00737	0.483	0.06	0.000014	44.7	0.0000922	0.00401
2032 Jun	644	1.57	2.32	0.0475	273	0.119	66.3	0.00079	0.00079	0.0000045	0.00732	0.00254	0.171	0.0256	0.00000867	19.5	0.0000366	0.00131
2032 Jul	329	0.829	1.23	0.025	135	0.0744	35.8	0.00089	0.00089	0.00000473	0.00504	0.00142	0.0906	0.0166	0.00000688	13.1	0.0000215	0.000724
2032 Aug	209	0.537	0.8	0.0163	84.4	0.0565	23.6	0.000935	0.000935	0.00000485	0.00421	0.000972	0.0585	0.0132	0.00000619	10.7	0.0000154	0.00047
2032 Sep	162	0.409	0.61	0.0126	64.6	0.0489	18.7	0.000952	0.000952	0.00000489	0.0039	0.000782	0.0452	0.0118	0.0000059	9.79	0.0000128	0.00035
2032 Oct	146	0.366	0.546	0.0113	58.1	0.0464	17	0.000958	0.000958	0.0000049	0.00378	0.000718	0.0408	0.0114	0.0000058	9.49	0.000012	0.000311
2032 Nov	149	0.381	0.568	0.0117	59.2	0.0471	17.5	0.000957	0.000957	0.0000049	0.00381	0.000733	0.042	0.0115	0.00000582	9.58	0.0000122	0.000319
2032 Dec	152	0.392	0.584	0.012	60.1	0.0476	17.8	0.000956	0.000956	0.0000049	0.00384	0.000745	0.0429	0.0116	0.00000584	9.65	0.0000124	0.000325
2033 Jan	152	0.392	0.585	0.012	60.1	0.0476	17.8	0.000956	0.000956	0.0000049	0.00384	0.000745	0.0429	0.0116	0.00000584	9.65	0.0000124	0.000325
2033 Feb	152	0.392	0.585	0.012	60.1	0.0476	17.8	0.000956	0.000956	0.0000049	0.00384	0.000745	0.0429	0.0116	0.00000584	9.65	0.0000124	0.000325
2033 Mar	152	0.392	0.585	0.012	60.1	0.0476	17.8	0.000956	0.000956	0.0000049	0.00384	0.000745	0.0429	0.0116	0.00000584	9.65	0.0000124	0.000325
2033 Apr	152	0.392	0.585	0.012	60.1	0.0477	17.8	0.000956	0.000956	0.0000049	0.00384	0.000746	0.043	0.0116	0.00000584	9.65	0.0000124	0.000325
2033 May	166	0.464	0.696	0.0138	65	0.0511	20.1	0.000951	0.000951	0.00000489	0.00402	0.000826	0.0492	0.0123	0.00000598	10.2	0.0000136	0.000366
2033 Jun	185	0.542	0.813	0.0159	73.3	0.0556	23.1	0.00094	0.00094	0.00000486	0.00423	0.000938	0.0574	0.0133	0.00000613	10.8	0.0000151	0.000426
2033 Jul	171	0.501	0.752	0.0148	67.4	0.0535	21.6	0.000946	0.000946	0.00000487	0.0041	0.000886	0.0533	0.0128	0.00000605	10.5	0.0000144	0.000405
2033 Aug	149	0.43	0.645	0.0128	58.7	0.0496	19	0.000955	0.000955	0.0000049	0.00391	0.000793	0.0463	0.0121	0.00000591	9.94	0.0000131	0.000356
2033 Sep	138	0.393	0.59	0.0118	54.1	0.0477	17.7	0.000958	0.000958	0.00000491	0.00384	0.000744	0.0429	0.0117	0.00000583	9.7	0.0000124	0.000324
2033 Oct	138	0.397	0.596	0.0118	54.2	0.0479	17.9	0.000956	0.000956	0.00000489	0.00385	0.000749	0.0435	0.0118	0.00000583	9.75	0.0000125	0.000324

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2033 Nov	139	0.402	0.603	0.012	54.6	0.0482	18.1	0.000955	0.000955	0.00000489	0.00386	0.000756	0.044	0.0118	0.00000584	9.79	0.0000126	0.000328
2033 Dec	139	0.402	0.604	0.012	54.6	0.0482	18.1	0.000955	0.000955	0.00000489	0.00387	0.000756	0.044	0.0118	0.00000584	9.79	0.0000126	0.000328
2034 Jan	139	0.403	0.604	0.012	54.6	0.0482	18.1	0.000955	0.000955	0.00000489	0.00387	0.000756	0.044	0.0118	0.00000584	9.79	0.0000126	0.000328
2034 Feb	139	0.403	0.605	0.012	54.6	0.0482	18.1	0.000955	0.000955	0.00000489	0.00387	0.000756	0.044	0.0118	0.00000584	9.79	0.0000126	0.000328
2034 Mar	139	0.403	0.605	0.012	54.6	0.0482	18.1	0.000955	0.000955	0.00000489	0.00387	0.000757	0.044	0.0118	0.00000584	9.8	0.0000126	0.000328
2034 Apr	139	0.403	0.605	0.012	54.6	0.0483	18.1	0.000955	0.000955	0.00000489	0.00387	0.000757	0.0441	0.0118	0.00000584	9.8	0.0000126	0.000328
2034 May	140	0.406	0.609	0.0121	54.9	0.0484	18.2	0.000956	0.000956	0.0000049	0.00388	0.000761	0.0444	0.0119	0.00000585	9.83	0.0000127	0.00033
2034 Jun	142	0.415	0.623	0.0123	56	0.0491	18.7	0.000953	0.000953	0.00000489	0.00391	0.000781	0.0456	0.012	0.00000587	9.95	0.0000129	0.000341
2034 Jul	139	0.41	0.616	0.0122	54.5	0.049	18.5	0.000954	0.000954	0.00000489	0.00389	0.000776	0.0452	0.012	0.00000586	9.9	0.0000129	0.000343
2034 Aug	129	0.373	0.561	0.0111	50.1	0.0469	17.2	0.000961	0.000961	0.00000491	0.00379	0.000727	0.0415	0.0116	0.0000058	9.62	0.0000122	0.000317
2034 Sep	122	0.353	0.53	0.0106	47.6	0.0459	16.5	0.000962	0.000962	0.00000491	0.00375	0.0007	0.0397	0.0114	0.00000575	9.49	0.0000118	0.000299
2034 Oct	122	0.355	0.534	0.0106	47.4	0.0461	16.6	0.000961	0.000961	0.00000491	0.00376	0.000703	0.0401	0.0114	0.00000575	9.52	0.0000119	0.000299
2034 Nov	123	0.358	0.538	0.0107	47.5	0.0462	16.7	0.000961	0.000961	0.00000491	0.00377	0.000707	0.0403	0.0115	0.00000576	9.54	0.0000119	0.000301
2034 Dec	123	0.358	0.538	0.0107	47.5	0.0462	16.7	0.000961	0.000961	0.00000491	0.00377	0.000707	0.0403	0.0115	0.00000576	9.54	0.0000119	0.000301
2035 Jan	123	0.358	0.538	0.0107	47.5	0.0462	16.7	0.000961	0.000961	0.00000491	0.00377	0.000707	0.0403	0.0115	0.00000576	9.54	0.0000119	0.000301
2035 Feb	123	0.358	0.538	0.0107	47.6	0.0462	16.7	0.000961	0.000961	0.00000491	0.00377	0.000707	0.0403	0.0115	0.00000576	9.54	0.0000119	0.000301
2035 Mar	123	0.358	0.538	0.0107	47.6	0.0462	16.7	0.000961	0.000961	0.00000491	0.00377	0.000707	0.0403	0.0115	0.00000576	9.54	0.0000119	0.000301
2035 Apr	123	0.358	0.538	0.0107	47.6	0.0462	16.7	0.000961	0.000961	0.00000491	0.00377	0.000707	0.0403	0.0115	0.00000576	9.54	0.0000119	0.000301
2035 May	123	0.359	0.539	0.0107	47.6	0.0463	16.8	0.000961	0.000961	0.00000491	0.00378	0.000708	0.0404	0.0115	0.00000577	9.55	0.0000119	0.000302
2035 Jun	125	0.367	0.551	0.0109	48.4	0.0469	17.2	0.000958	0.000958	0.0000049	0.0038	0.000725	0.0416	0.0116	0.00000578	9.64	0.0000122	0.000311
2035 Jul	121	0.352	0.528	0.0105	46.7	0.0461	16.6	0.00096	0.00096	0.0000049	0.00376	0.000707	0.0401	0.0114	0.00000575	9.52	0.0000119	0.000305
2035 Aug	115	0.331	0.497	0.00993	44.4	0.045	15.9	0.000963	0.000963	0.00000491	0.00371	0.00068	0.0381	0.0112	0.00000571	9.36	0.0000115	0.000291
2035 Sep	112	0.323	0.484	0.00969	43.2	0.0446	15.7	0.000963	0.000963	0.00000491	0.0037	0.000671	0.0376	0.0112	0.0000057	9.32	0.0000114	0.000283
2035 Oct	111	0.318	0.477	0.00955	42.5	0.0444	15.5	0.000963	0.000963	0.00000491	0.00369	0.000665	0.0372	0.0111	0.00000568	9.29	0.0000113	0.000279
2035 Nov	112	0.321	0.482	0.00964	42.8	0.0446	15.7	0.000962	0.000962	0.00000491	0.0037	0.00067	0.0376	0.0112	0.00000569	9.32	0.0000114	0.000282
2035 Dec	112	0.321	0.482	0.00964	42.8	0.0446	15.7	0.000962	0.000962	0.00000491	0.0037	0.000671	0.0376	0.0112	0.00000569	9.32	0.0000114	0.000282
2036 Jan	112	0.321	0.482	0.00964	42.8	0.0446	15.7	0.000962	0.000962	0.00000491	0.0037	0.000671	0.0376	0.0112	0.00000569	9.32	0.0000114	0.000282
2036 Feb	112	0.321	0.482	0.00964	42.8	0.0446	15.7	0.000962	0.000962	0.00000491	0.0037	0.000671	0.0376	0.0112	0.00000569	9.32	0.0000114	0.000282
2036 Mar	112	0.321	0.482	0.00964	42.8	0.0446	15.7	0.000962	0.000962	0.00000491	0.0037	0.000671	0.0376	0.0112	0.00000569	9.32	0.0000114	0.000282
2036 Apr	112	0.321	0.483	0.00964	42.8	0.0447	15.7	0.000962	0.000962	0.00000491	0.0037	0.000671	0.0376	0.0112	0.00000569	9.33	0.0000114	0.000282
2036 May	112	0.322	0.483	0.00965	42.8	0.0447	15.7	0.000963	0.000963	0.00000491	0.0037	0.000671	0.0376	0.0112	0.00000569	9.33	0.0000114	0.000282
2036 Jun	112	0.324	0.486	0.0097	43	0.0449	15.9	0.000961	0.000961	0.0000049	0.00371	0.000677	0.038	0.0112	0.0000057	9.36	0.0000115	0.000286
2036 Jul	110	0.316	0.474	0.00947	42	0.0445	15.6	0.000962	0.000962	0.00000491	0.00369	0.000669	0.0373	0.0111	0.00000569	9.29	0.0000114	0.000284
2036 Aug	105	0.3	0.45	0.00904	40.1	0.0436	15	0.000966	0.000966	0.00000492	0.00364	0.000647	0.0357	0.0109	0.00000566	9.17	0.0000111	0.000272
2036 Sep	102	0.288	0.432	0.00871	38.8	0.043	14.6	0.000967	0.000967	0.00000492	0.00362	0.000631	0.0346	0.0108	0.00000563	9.09	0.0000109	0.000262
2036 Oct	101	0.285	0.428	0.00863	38.3	0.0429	14.5	0.000967	0.000967	0.00000492	0.00361	0.000628	0.0344	0.0108	0.00000563	9.08	0.0000108	0.000259
2036 Nov	102	0.287	0.43	0.00867	38.4	0.043	14.6	0.000966	0.000966	0.00000492	0.00362	0.00063	0.0346	0.0108	0.00000563	9.09	0.0000109	0.000261
2036 Dec	102	0.287	0.431	0.00868	38.4	0.043	14.6	0.000966	0.000966	0.00000492	0.00362	0.000631	0.0346	0.0108	0.00000563	9.09	0.0000109	0.000261
2037 Jan	102	0.287	0.431	0.00868	38.4	0.043	14.6	0.000966	0.000966	0.00000492	0.00362	0.000631	0.0346	0.0108	0.00000563	9.09	0.0000109	0.000261
2037 Feb	102	0.287	0.431	0.00868	38.4	0.043	14.6	0.000966	0.000966	0.00000492	0.00362	0.000631	0.0346	0.0108	0.00000563	9.09	0.0000109	0.000261
2037 Mar	102	0.287	0.431	0.00868	38.4	0.043	14.6	0.000966	0.000966	0.00000492	0.00362	0.000631	0.0346	0.0108	0.00000563	9.09	0.0000109	0.000261
2037 Apr	102	0.287	0.431	0.00868	38.4	0.043	14.6	0.000966	0.000966	0.00000492	0.00362	0.000631	0.0346	0.0108	0.00000563	9.09	0.0000109	0.000261
2037 May	102	0.289	0.434	0.00873	38.6	0.0432	14.7	0.000966	0.000966	0.00000492	0.00363	0.000635	0.0349	0.0109	0.00000564	9.12	0.0000109	0.000263
2037 Jun	103	0.291	0.437	0.00878	38.7	0.0434	14.9	0.000964	0.000964	0.00000491	0.00364	0.000641	0.0353	0.0109	0.00000564	9.15	0.000011	0.000267
2037 Jul	100	0.283	0.425	0.00855	37.8	0.043	14.5	0.000966	0.000966	0.00000492	0.00361	0.000631	0.0345	0.0108	0.00000563	9.09	0.0000109	0.000263
2037 Aug	97.2	0.272	0.408	0.00825	36.5	0.0424	14.1	0.000968	0.000968	0.00000492	0.00358	0.000617	0.0334	0.0107	0.00000561	9	0.0000106	0.000256
2037 Sep	94.6	0.262	0.394	0.00799	35.4	0.0418	13.8	0.00097	0.00097	0.00000493	0.00356	0.000603	0.0325	0.0106	0.00000559	8.94	0.0000105	0.000247
2037 Oct	93.9	0.26	0.391	0.00793	35	0.0417	13.7	0.00097	0.00097	0.00000493	0.00356	0.000601	0.0323	0.0106	0.00000559	8.93	0.0000104	0.000245
2037 Nov	94	0.261	0.391	0.00794	35.1	0.0418	13.8	0.000969	0.000969	0.00000493	0.00356	0.000602	0.0324	0.0106	0.00000559	8.94	0.0000105	0.000245
2037 Dec	94	0.261	0.392	0.00794	35.1	0.0418	13.8	0.000969	0.000969	0.00000493	0.00356	0.000602	0.0324	0.0106	0.00000559	8.94	0.0000105	0.000245
2038 Jan	94	0.261	0.392	0.00794	35.1	0.0418	13.8	0.000969	0.000969	0.00000493	0.00356	0.000602	0.0324	0.0106	0.00000559	8.94	0.0000105	0.000245
2038 Feb	94	0.261	0.392	0.00794	35.1	0.0418	13.8	0.000969	0.000969	0.00000493	0.00356	0.000602	0.0324	0.0106	0.00000559	8.94	0.0000105	0.000245
2038 Mar	94	0.261	0.392	0.00794	35.1	0.0418	13.8	0.000969	0.000969	0.00000493	0.00356	0.000602	0.0324	0.0106	0.00000559	8.94	0.0000105	0.000245
2038 Apr	94	0.261	0.392	0.00794	35.1	0.0418	13.8	0.00097	0.00097	0.00000493	0.00356	0.000602	0.0324	0.0106	0.00000559	8.94	0.0000105	0.000245
2038 May	94.1	0.261	0.392	0.00796	35.1	0.0418	13.8	0.00097	0.00097	0.00000493	0.00357	0.000603	0.0325	0.0106	0.00000559	8.95	0.0000105	0.000246
2038 Jun	95.1	0.265	0.398	0.00806	35.4	0.0422	14	0.000968	0.000968	0.00000492	0.00358	0.000611	0.0331	0.0107	0.0000056	9	0.0000106	0.00025
2038 Jul	95.5	0.267	0.401	0.00809	35.5	0.0423	14.1	0.00097	0.00097	0.00000493	0.00359	0.000614	0.0333	0.0107	0.00000561	9.03	0.0000106	0.000251
2038 Aug	96	0.269	0.403	0.00815	35.7	0.0425	14.2	0.00097	0.00097	0.00000494	0.0036	0.000618	0.0336	0.0108	0.00000562	9.06	0.0000107	0.000253
2038 Sep	96.7	0.272	0.408	0.00822	35.9	0.0427	14.4	0.00097	0.00097	0.00000493	0.00362	0.000624	0.034	0.0108	0.00000563	9.1	0.0000108	0.000256
2038 Oct	97.3	0.274	0.412	0.00829	36.1	0.043	14.5	0.00097	0.00097	0.00000493	0.00363	0.000629	0.0344	0.0109	0.00000564	9.13	0.0000109	0.000259
2038 Nov	97.4	0.275	0.413	0.0083	36.1	0.043	14.5	0.00097	0.00097	0.00000493	0.00363	0.00063	0.0345	0.0109	0.00000564	9.14	0.0000109	0.000259
2038 Dec	97.4	0.275	0.413	0.00831	36.1	0.043	14.5	0.00097	0.00097	0.00000493	0.00363	0.000631	0.0345	0.0109	0.00000564	9.14	0.0000109	0.000259
2039 Jan	97.5	0.275	0.413	0.00831	36.1	0.043	14.5	0.00097	0.00097	0.00000493	0.00363	0.000631	0.0345	0.0109	0.00000564	9.14	0.0000109	0.00026
2039 Feb	97.5	0.275	0.413	0.00831	36.1	0.043	14.5	0.00097	0.00097	0.00000493	0.00363	0.000631	0.0345	0.0109	0.00000564	9.14	0.0000109	0.00026
2039 Mar	97.5	0.275	0.413	0.00831	36.1	0.043	14.5	0.00097	0.00097	0.00000493	0.00363	0.000631	0.0345	0.0109	0.00000564	9.14	0.0000109	0.00026
2039 Apr	97.5	0.275	0.413	0.00831	36.1	0.043	14.5	0.00097	0.00097	0.00000493	0.00363	0.000631	0.0346	0.0109	0.00000564	9.14	0.0000109	0.00026
2039 May	97.5	0.275	0.414	0.00831	36.2	0.043	14.5	0.00097	0.00097	0.00000494	0.00363	0.000631	0.0346	0.0109	0.00000565	9.14	0.0000109	0.00026

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2039 Jun	101	0.29	0.437	0.00869	37	0.0444	15.4	0.000967	0.000967	0.00000492	0.0037	0.000662	0.037	0.0112	0.00000569	9.32	0.0000114	0.000276
2039 Jul	102	0.296	0.445	0.00883	37.5	0.0449	15.8	0.000964	0.000964	0.00000492	0.00373	0.000676	0.0381	0.0113	0.00000571	9.4	0.0000116	0.000283
2039 Aug	104	0.301	0.453	0.00896	37.8	0.0455	16.1	0.000964	0.000964	0.00000492	0.00375	0.000688	0.039	0.0114	0.00000573	9.47	0.0000117	0.000289
2039 Sep	104	0.304	0.457	0.00903	38	0.0457	16.3	0.000964	0.000964	0.00000492	0.00377	0.000694	0.0395	0.0114	0.00000574	9.51	0.0000118	0.000291
2039 Oct	105	0.306	0.461	0.00909	38.1	0.046	16.5	0.000963	0.000963	0.00000492	0.00378	0.000699	0.0399	0.0115	0.00000575	9.54	0.0000119	0.000294
2039 Nov	105	0.307	0.462	0.00911	38.2	0.046	16.5	0.000963	0.000963	0.00000492	0.00378	0.0007	0.04	0.0115	0.00000575	9.54	0.0000119	0.000295
2039 Dec	105	0.307	0.462	0.00911	38.2	0.046	16.5	0.000963	0.000963	0.00000492	0.00378	0.0007	0.04	0.0115	0.00000575	9.54	0.0000119	0.000295
2040 Jan	105	0.307	0.462	0.00911	38.2	0.046	16.5	0.000963	0.000963	0.00000492	0.00378	0.0007	0.04	0.0115	0.00000575	9.54	0.0000119	0.000295
2040 Feb	105	0.307	0.462	0.00911	38.2	0.046	16.5	0.000963	0.000963	0.00000492	0.00378	0.0007	0.04	0.0115	0.00000575	9.54	0.0000119	0.000295
2040 Mar	105	0.307	0.462	0.00911	38.2	0.046	16.5	0.000963	0.000963	0.00000492	0.00378	0.0007	0.04	0.0115	0.00000575	9.54	0.0000119	0.000295
2040 Apr	105	0.307	0.462	0.00911	38.2	0.046	16.5	0.000964	0.000964	0.00000492	0.00378	0.000701	0.04	0.0115	0.00000575	9.55	0.0000119	0.000295
2040 May	105	0.307	0.463	0.00912	38.2	0.0461	16.5	0.000964	0.000964	0.00000492	0.00379	0.000702	0.0401	0.0115	0.00000575	9.55	0.0000119	0.000295
2040 Jun	106	0.31	0.468	0.0092	38.4	0.0464	16.8	0.000962	0.000962	0.00000491	0.0038	0.00071	0.0407	0.0116	0.00000576	9.61	0.0000121	0.0003
2040 Jul	107	0.312	0.47	0.00923	38.6	0.0466	16.9	0.000962	0.000962	0.00000491	0.00381	0.000714	0.041	0.0116	0.00000577	9.63	0.0000121	0.000302
2040 Aug	107	0.314	0.473	0.00928	38.7	0.0468	17	0.000963	0.000963	0.00000492	0.00383	0.000719	0.0414	0.0117	0.00000578	9.67	0.0000122	0.000304
2040 Sep	108	0.316	0.477	0.00935	38.9	0.0471	17.2	0.000962	0.000962	0.00000492	0.00384	0.000726	0.0419	0.0117	0.00000579	9.71	0.0000123	0.000308
2040 Oct	108	0.317	0.478	0.00937	39	0.0472	17.3	0.000962	0.000962	0.00000492	0.00385	0.000728	0.0421	0.0117	0.0000058	9.73	0.0000123	0.000309
2040 Nov	108	0.318	0.479	0.00938	39	0.0472	17.3	0.000962	0.000962	0.00000492	0.00385	0.000729	0.0421	0.0117	0.0000058	9.73	0.0000123	0.000309
2040 Dec	108	0.318	0.479	0.00938	39	0.0472	17.3	0.000962	0.000962	0.00000492	0.00385	0.000729	0.0421	0.0117	0.0000058	9.73	0.0000123	0.000309
2041 Jan	108	0.318	0.479	0.00938	39	0.0472	17.3	0.000962	0.000962	0.00000492	0.00385	0.000729	0.0421	0.0117	0.0000058	9.73	0.0000123	0.000309
2041 Feb	108	0.318	0.479	0.00938	39	0.0472	17.3	0.000962	0.000962	0.00000492	0.00385	0.000729	0.0421	0.0117	0.0000058	9.73	0.0000123	0.000309
2041 Mar	108	0.318	0.479	0.00938	39	0.0472	17.3	0.000962	0.000962	0.00000492	0.00385	0.000729	0.0421	0.0117	0.0000058	9.73	0.0000123	0.000309
2041 Apr	108	0.318	0.479	0.00938	39	0.0472	17.3	0.000962	0.000962	0.00000492	0.00385	0.000729	0.0421	0.0117	0.0000058	9.73	0.0000123	0.000309
2041 May	109	0.319	0.481	0.00942	39.1	0.0474	17.4	0.000962	0.000962	0.00000492	0.00386	0.000733	0.0424	0.0118	0.00000581	9.76	0.0000124	0.000311
2041 Jun	110	0.324	0.488	0.00953	39.4	0.0479	17.7	0.000961	0.000961	0.00000491	0.00388	0.000745	0.0433	0.0119	0.00000582	9.82	0.0000126	0.000317
2041 Jul	110	0.325	0.49	0.00956	39.5	0.0481	17.9	0.000959	0.000959	0.0000049	0.00389	0.000751	0.0438	0.0119	0.00000582	9.85	0.0000127	0.00032
2041 Aug	111	0.327	0.493	0.0096	39.7	0.0483	18	0.00096	0.00096	0.00000491	0.00391	0.000756	0.0441	0.012	0.00000584	9.89	0.0000128	0.000323
2041 Sep	112	0.33	0.497	0.00968	39.9	0.0487	18.2	0.000959	0.000959	0.00000491	0.00393	0.000764	0.0447	0.012	0.00000585	9.93	0.0000129	0.000327
2041 Oct	112	0.332	0.501	0.00974	40	0.0489	18.4	0.000959	0.000959	0.00000491	0.00394	0.00077	0.0453	0.0121	0.00000586	9.97	0.000013	0.00033
2041 Nov	113	0.333	0.503	0.00977	40.1	0.0491	18.5	0.000958	0.000958	0.00000491	0.00395	0.000774	0.0456	0.0121	0.00000587	9.99	0.000013	0.000332
2041 Dec	113	0.334	0.503	0.00978	40.1	0.0491	18.5	0.000958	0.000958	0.00000491	0.00395	0.000774	0.0456	0.0121	0.00000587	10	0.000013	0.000332
2042 Jan	113	0.334	0.503	0.00978	40.1	0.0491	18.5	0.000958	0.000958	0.00000491	0.00395	0.000774	0.0456	0.0121	0.00000587	10	0.000013	0.000332
2042 Feb	113	0.334	0.503	0.00978	40.1	0.0491	18.5	0.000958	0.000958	0.00000491	0.00395	0.000774	0.0456	0.0121	0.00000587	10	0.000013	0.000332
2042 Mar	113	0.334	0.503	0.00978	40.1	0.0491	18.5	0.000958	0.000958	0.00000491	0.00395	0.000774	0.0456	0.0121	0.00000587	10	0.000013	0.000332
2042 Apr	113	0.334	0.503	0.00978	40.1	0.0491	18.5	0.000958	0.000958	0.00000491	0.00395	0.000774	0.0456	0.0121	0.00000587	10	0.000013	0.000332
2042 May	113	0.334	0.504	0.00979	40.1	0.0492	18.6	0.000959	0.000959	0.00000491	0.00395	0.000775	0.0457	0.0121	0.00000587	10	0.0000131	0.000332
2042 Jun	113	0.336	0.506	0.00982	40.3	0.0494	18.7	0.000958	0.000958	0.0000049	0.00396	0.000781	0.0461	0.0122	0.00000588	10	0.0000131	0.000335
2042 Jul	114	0.338	0.509	0.00988	40.4	0.0497	18.9	0.000957	0.000957	0.0000049	0.00398	0.000788	0.0466	0.0122	0.00000589	10.1	0.0000132	0.000339
2042 Aug	115	0.341	0.515	0.00997	40.7	0.0502	19.2	0.000955	0.000955	0.0000049	0.00401	0.0008	0.0476	0.0123	0.0000059	10.1	0.0000134	0.000345
2042 Sep	116	0.344	0.519	0.01	40.9	0.0506	19.5	0.000954	0.000954	0.00000489	0.00402	0.000809	0.0483	0.0124	0.00000591	10.2	0.0000136	0.00035
2042 Oct	117	0.346	0.523	0.0101	41	0.0509	19.7	0.000953	0.000953	0.00000489	0.00404	0.000817	0.0489	0.0125	0.00000592	10.2	0.0000137	0.000353
2042 Nov	117	0.348	0.525	0.0101	41.1	0.0511	19.8	0.000953	0.000953	0.00000489	0.00405	0.00082	0.0491	0.0125	0.00000593	10.3	0.0000137	0.000355
2042 Dec	117	0.348	0.525	0.0101	41.1	0.0511	19.8	0.000953	0.000953	0.00000489	0.00405	0.00082	0.0492	0.0125	0.00000593	10.3	0.0000137	0.000355
2043 Jan	117	0.348	0.525	0.0101	41.1	0.0511	19.8	0.000953	0.000953	0.00000489	0.00405	0.00082	0.0492	0.0125	0.00000593	10.3	0.0000137	0.000355
2043 Feb	117	0.348	0.525	0.0101	41.1	0.0511	19.8	0.000953	0.000953	0.00000489	0.00405	0.00082	0.0492	0.0125	0.00000593	10.3	0.0000137	0.000355
2043 Mar	117	0.348	0.525	0.0101	41.1	0.0511	19.8	0.000953	0.000953	0.00000489	0.00405	0.00082	0.0492	0.0125	0.00000593	10.3	0.0000137	0.000355
2043 Apr	117	0.348	0.525	0.0101	41.1	0.0511	19.8	0.000953	0.000953	0.00000489	0.00405	0.00082	0.0492	0.0125	0.00000593	10.3	0.0000137	0.000355
2043 May	117	0.348	0.526	0.0101	41.1	0.0511	19.8	0.000954	0.000954	0.00000489	0.00405	0.000821	0.0492	0.0125	0.00000594	10.3	0.0000137	0.000356
2043 Jun	118	0.35	0.528	0.0102	41.3	0.0514	20	0.000952	0.000952	0.00000489	0.00407	0.000829	0.0498	0.0126	0.00000594	10.3	0.0000138	0.000359
2043 Jul	118	0.352	0.531	0.0102	41.4	0.0516	20.2	0.000953	0.000953	0.00000489	0.00408	0.000834	0.0502	0.0126	0.00000596	10.4	0.0000139	0.000362
2043 Aug	119	0.353	0.533	0.0103	41.6	0.0519	20.3	0.000954	0.000954	0.0000049	0.0041	0.00084	0.0506	0.0127	0.00000597	10.4	0.000014	0.000365
2043 Sep	119	0.356	0.537	0.0103	41.7	0.0523	20.6	0.000953	0.000953	0.00000489	0.00411	0.000848	0.0512	0.0128	0.00000598	10.4	0.0000141	0.000369
2043 Oct	120	0.358	0.54	0.0104	41.9	0.0526	20.8	0.000952	0.000952	0.00000489	0.00413	0.000856	0.0518	0.0128	0.00000599	10.5	0.0000142	0.000373
2043 Nov	120	0.359	0.542	0.0104	41.9	0.0528	20.9	0.000952	0.000952	0.00000489	0.00414	0.00086	0.0521	0.0129	0.000006	10.5	0.0000143	0.000375
2043 Dec	120	0.359	0.542	0.0104	41.9	0.0528	20.9	0.000952	0.000952	0.00000489	0.00414	0.00086	0.0521	0.0129	0.000006	10.5	0.0000143	0.000375
2044 Jan	120	0.359	0.542	0.0104	41.9	0.0528	20.9	0.000952	0.000952	0.00000489	0.00414	0.00086	0.0521	0.0129	0.000006	10.5	0.0000143	0.000375
2044 Feb	121	0.359	0.542	0.0104	41.9	0.0528	20.9	0.000952	0.000952	0.00000489	0.00414	0.00086	0.0522	0.0129	0.000006	10.5	0.0000143	0.000375
2044 Mar	121	0.359	0.542	0.0104	41.9	0.0528	20.9	0.000952	0.000952	0.00000489	0.00414	0.00086	0.0522	0.0129	0.000006	10.5	0.0000143	0.000375
2044 Apr	121	0.359	0.542	0.0104	41.9	0.0528	20.9	0.000952	0.000952	0.00000489	0.00414	0.00086	0.0522	0.0129	0.000006	10.5	0.0000143	0.000375
2044 May	121	0.359	0.543	0.0104	42	0.0528	20.9	0.000952	0.000952	0.00000489	0.00414	0.00086	0.0522	0.0129	0.000006	10.5	0.0000143	0.000375
2044 Jun	121	0.361	0.545	0.0104	42.1	0.0531	21.1	0.00095	0.00095	0.00000488	0.00415	0.000868	0.0528	0.0129	0.00000601	10.6	0.0000144	0.000379
2044 Jul	122	0.362	0.546	0.0105	42.2	0.0533	21.2	0.00095	0.00095	0.00000488	0.00417	0.000873	0.0531	0.013	0.00000602	10.6	0.0000145	0.000381
2044 Aug	122	0.363	0.548	0.0105	42.3	0.0534	21.3	0.000952	0.000952	0.00000489	0.00418	0.000876	0.0533	0.013	0.00000603	10.6	0.0000145	0.000383
2044 Sep	122	0.364	0.55	0.0105	42.4	0.0537	21.5	0.000951	0.000951	0.00000489	0.00419	0.000882	0.0538	0.013	0.00000603	10.6	0.0000146	0.000386
2044 Oct	123	0.366	0.552	0.0106	42.5	0.0539	21.7	0.00095	0.00095	0.00000489	0.0042	0.000888	0.0543	0.0131	0.00000604	10.7	0.0000147	0.000389
2044 Nov	123	0.366	0.553	0.0106	42.5	0.054	21.7	0.00095	0.00095	0.00000488	0.00421	0.00089	0.0544	0.0131	0.00000605	10.7	0.0000148	0.00039
2044 Dec	123	0.366	0.553	0.0106	42.5	0.054	21.7	0.00095	0.00095	0.00000488	0.00421	0.00089	0.0544	0.0131	0.00000605	10.7	0.0000148	0.00039

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2045 Jan	123	0.366	0.553	0.0106	42.5	0.054	21.7	0.00095	0.00095	0.00000488	0.00421	0.00089	0.0544	0.0131	0.00000605	10.7	0.0000148	0.00039
2045 Feb	123	0.366	0.553	0.0106	42.5	0.054	21.7	0.00095	0.00095	0.00000488	0.00421	0.00089	0.0544	0.0131	0.00000605	10.7	0.0000148	0.00039
2045 Mar	123	0.366	0.553	0.0106	42.5	0.054	21.7	0.00095	0.00095	0.00000488	0.00421	0.00089	0.0544	0.0131	0.00000605	10.7	0.0000148	0.00039
2045 Apr	123	0.366	0.553	0.0106	42.5	0.054	21.7	0.00095	0.00095	0.00000489	0.00421	0.00089	0.0544	0.0131	0.00000605	10.7	0.0000148	0.00039
2045 May	123	0.366	0.553	0.0106	42.6	0.054	21.7	0.00095	0.00095	0.00000489	0.00421	0.00089	0.0544	0.0131	0.00000605	10.7	0.0000148	0.00039
2045 Jun	125	0.372	0.562	0.0107	42.9	0.055	22.4	0.000947	0.000947	0.00000488	0.00426	0.000914	0.0563	0.0133	0.00000608	10.8	0.0000151	0.000402
2045 Jul	126	0.373	0.564	0.0108	43	0.0553	22.6	0.000947	0.000947	0.00000488	0.00427	0.00092	0.0568	0.0134	0.00000609	10.9	0.0000152	0.000406
2045 Aug	126	0.374	0.565	0.0108	43.1	0.0555	22.7	0.000947	0.000947	0.00000488	0.00428	0.000924	0.057	0.0134	0.0000061	10.9	0.0000153	0.000407
2045 Sep	126	0.375	0.566	0.0108	43.2	0.0557	22.8	0.000947	0.000947	0.00000488	0.00429	0.000928	0.0574	0.0134	0.00000611	10.9	0.0000153	0.000409
2045 Oct	127	0.375	0.567	0.0108	43.2	0.0558	22.8	0.000947	0.000947	0.00000488	0.0043	0.00093	0.0576	0.0135	0.00000611	10.9	0.0000154	0.00041
2045 Nov	127	0.376	0.568	0.0108	43.2	0.0558	22.9	0.000947	0.000947	0.00000488	0.0043	0.000931	0.0576	0.0135	0.00000611	10.9	0.0000154	0.000411
2045 Dec	127	0.376	0.568	0.0108	43.2	0.0558	22.9	0.000947	0.000947	0.00000488	0.0043	0.000931	0.0576	0.0135	0.00000611	10.9	0.0000154	0.000411
2046 Jan	127	0.376	0.568	0.0108	43.2	0.0558	22.9	0.000947	0.000947	0.00000488	0.0043	0.000931	0.0576	0.0135	0.00000611	10.9	0.0000154	0.000411
2046 Feb	127	0.376	0.568	0.0108	43.2	0.0558	22.9	0.000947	0.000947	0.00000488	0.0043	0.000931	0.0576	0.0135	0.00000611	10.9	0.0000154	0.000411
2046 Mar	127	0.376	0.568	0.0108	43.2	0.0558	22.9	0.000947	0.000947	0.00000488	0.0043	0.000931	0.0576	0.0135	0.00000611	10.9	0.0000154	0.000411
2046 Apr	127	0.376	0.568	0.0108	43.2	0.0558	22.9	0.000947	0.000947	0.00000488	0.0043	0.000931	0.0576	0.0135	0.00000612	10.9	0.0000154	0.000411
2046 May	127	0.376	0.568	0.0108	43.2	0.0559	22.9	0.000948	0.000948	0.00000488	0.0043	0.000932	0.0577	0.0135	0.00000612	10.9	0.0000154	0.000411
2046 Jun	128	0.378	0.571	0.0109	43.4	0.0564	23.2	0.000945	0.000945	0.00000487	0.00433	0.000944	0.0586	0.0136	0.00000613	11	0.0000156	0.000418
2046 Jul	128	0.378	0.572	0.0109	43.5	0.0565	23.4	0.000944	0.000944	0.00000487	0.00434	0.000949	0.059	0.0136	0.00000613	11	0.0000157	0.00042
2046 Aug	128	0.379	0.573	0.0109	43.6	0.0567	23.5	0.000944	0.000944	0.00000487	0.00435	0.000953	0.0593	0.0136	0.00000614	11.1	0.0000157	0.000422
2046 Sep	129	0.38	0.575	0.0109	43.7	0.057	23.7	0.000943	0.000943	0.00000487	0.00436	0.00096	0.0599	0.0137	0.00000615	11.1	0.0000158	0.000426
2046 Oct	129	0.382	0.577	0.011	43.7	0.0573	23.9	0.000942	0.000942	0.00000486	0.00438	0.000967	0.0604	0.0138	0.00000616	11.1	0.0000159	0.000429
2046 Nov	130	0.382	0.578	0.011	43.8	0.0574	23.9	0.000942	0.000942	0.00000486	0.00438	0.000969	0.0605	0.0138	0.00000616	11.1	0.000016	0.00043
2046 Dec	130	0.382	0.578	0.011	43.8	0.0574	23.9	0.000942	0.000942	0.00000486	0.00438	0.000969	0.0606	0.0138	0.00000616	11.2	0.000016	0.00043
2047 Jan	130	0.382	0.578	0.011	43.8	0.0574	23.9	0.000942	0.000942	0.00000486	0.00438	0.000969	0.0606	0.0138	0.00000616	11.2	0.000016	0.00043
2047 Feb	130	0.382	0.578	0.011	43.8	0.0574	23.9	0.000942	0.000942	0.00000486	0.00438	0.000969	0.0606	0.0138	0.00000616	11.2	0.000016	0.00043
2047 Mar	130	0.382	0.578	0.011	43.8	0.0574	23.9	0.000942	0.000942	0.00000486	0.00438	0.000969	0.0606	0.0138	0.00000616	11.2	0.000016	0.00043
2047 Apr	130	0.382	0.578	0.011	43.8	0.0574	23.9	0.000942	0.000942	0.00000486	0.00438	0.000969	0.0606	0.0138	0.00000616	11.2	0.000016	0.00043
2047 May	130	0.383	0.579	0.011	43.8	0.0575	24	0.000942	0.000942	0.00000486	0.00439	0.000972	0.0608	0.0138	0.00000617	11.2	0.000016	0.000432
2047 Jun	131	0.384	0.581	0.011	43.9	0.058	24.3	0.00094	0.00094	0.00000485	0.00441	0.000984	0.0616	0.0139	0.00000618	11.2	0.0000162	0.000437
2047 Jul	131	0.385	0.582	0.011	44	0.0581	24.4	0.000941	0.000941	0.00000486	0.00442	0.000987	0.0619	0.0139	0.00000619	11.3	0.0000162	0.000439
2047 Aug	131	0.386	0.584	0.0111	44.1	0.0583	24.5	0.000941	0.000941	0.00000486	0.00443	0.000992	0.0622	0.014	0.0000062	11.3	0.0000163	0.000441
2047 Sep	132	0.387	0.585	0.0111	44.2	0.0586	24.7	0.00094	0.00094	0.00000486	0.00445	0.000999	0.0628	0.014	0.00000621	11.3	0.0000164	0.000445
2047 Oct	132	0.388	0.587	0.0111	44.3	0.0589	24.9	0.000939	0.000939	0.00000486	0.00446	0.00101	0.0633	0.0141	0.00000622	11.4	0.0000165	0.000448
2047 Nov	133	0.388	0.587	0.0111	44.3	0.059	25	0.000939	0.000939	0.00000486	0.00447	0.00101	0.0635	0.0141	0.00000622	11.4	0.0000165	0.000449
2047 Dec	133	0.388	0.587	0.0111	44.3	0.059	25	0.000939	0.000939	0.00000486	0.00447	0.00101	0.0635	0.0141	0.00000622	11.4	0.0000165	0.00045
2048 Jan	133	0.389	0.587	0.0111	44.3	0.059	25	0.000939	0.000939	0.00000486	0.00447	0.00101	0.0635	0.0141	0.00000622	11.4	0.0000165	0.00045
2048 Feb	133	0.389	0.587	0.0111	44.3	0.059	25	0.000939	0.000939	0.00000486	0.00447	0.00101	0.0635	0.0141	0.00000622	11.4	0.0000165	0.00045
2048 Mar	133	0.389	0.587	0.0111	44.3	0.059	25	0.000939	0.000939	0.00000486	0.00447	0.00101	0.0635	0.0141	0.00000622	11.4	0.0000165	0.00045
2048 Apr	133	0.389	0.587	0.0111	44.3	0.059	25	0.000939	0.000939	0.00000486	0.00447	0.00101	0.0635	0.0141	0.00000622	11.4	0.0000165	0.00045
2048 May	133	0.389	0.588	0.0111	44.3	0.059	25	0.00094	0.00094	0.00000486	0.00447	0.00101	0.0635	0.0141	0.00000623	11.4	0.0000165	0.00045
2048 Jun	133	0.389	0.588	0.0111	44.4	0.0592	25.1	0.000938	0.000938	0.00000485	0.00448	0.00101	0.0638	0.0142	0.00000623	11.4	0.0000166	0.000452
2048 Jul	133	0.389	0.588	0.0111	44.4	0.0594	25.2	0.000937	0.000937	0.00000485	0.00449	0.00102	0.0642	0.0142	0.00000623	11.4	0.0000167	0.000455
2048 Aug	134	0.39	0.59	0.0112	44.5	0.0596	25.4	0.000937	0.000937	0.00000485	0.0045	0.00102	0.0647	0.0142	0.00000624	11.5	0.0000168	0.000458
2048 Sep	134	0.391	0.591	0.0112	44.6	0.0599	25.6	0.000936	0.000936	0.00000485	0.00452	0.00103	0.0652	0.0143	0.00000625	11.5	0.0000169	0.000461
2048 Oct	135	0.392	0.592	0.0112	44.6	0.0601	25.7	0.000935	0.000935	0.00000484	0.00453	0.00104	0.0656	0.0143	0.00000626	11.5	0.0000169	0.000464
2048 Nov	135	0.392	0.593	0.0112	44.7	0.0602	25.8	0.000935	0.000935	0.00000484	0.00453	0.00104	0.0658	0.0144	0.00000626	11.6	0.000017	0.000465
2048 Dec	135	0.392	0.593	0.0112	44.7	0.0602	25.8	0.000935	0.000935	0.00000484	0.00453	0.00104	0.0658	0.0144	0.00000626	11.6	0.000017	0.000465
2049 Jan	135	0.392	0.593	0.0112	44.7	0.0602	25.8	0.000935	0.000935	0.00000484	0.00453	0.00104	0.0658	0.0144	0.00000626	11.6	0.000017	0.000465
2049 Feb	135	0.392	0.593	0.0112	44.7	0.0602	25.8	0.000935	0.000935	0.00000484	0.00453	0.00104	0.0658	0.0144	0.00000626	11.6	0.000017	0.000465
2049 Mar	135	0.392	0.593	0.0112	44.7	0.0602	25.8	0.000935	0.000935	0.00000484	0.00453	0.00104	0.0658	0.0144	0.00000626	11.6	0.000017	0.000465
2049 Apr	135	0.392	0.593	0.0112	44.7	0.0603	25.8	0.000935	0.000935	0.00000484	0.00454	0.00104	0.0658	0.0144	0.00000626	11.6	0.000017	0.000465
2049 May	135	0.392	0.593	0.0112	44.7	0.0603	25.8	0.000936	0.000936	0.00000484	0.00454	0.00104	0.0658	0.0144	0.00000627	11.6	0.000017	0.000465
2049 Jun	135	0.392	0.593	0.0112	44.7	0.0605	26	0.000934	0.000934	0.00000484	0.00455	0.00104	0.0663	0.0144	0.00000627	11.6	0.0000171	0.000468
2049 Jul	136	0.393	0.594	0.0112	44.8	0.0607	26.1	0.000933	0.000933	0.00000483	0.00456	0.00105	0.0667	0.0145	0.00000627	11.6	0.0000172	0.000471
2049 Aug	136	0.394	0.595	0.0113	44.9	0.0609	26.2	0.000934	0.000934	0.00000484	0.00457	0.00105	0.067	0.0145	0.00000629	11.7	0.0000172	0.000473
2049 Sep	136	0.394	0.596	0.0113	45	0.0611	26.4	0.000933	0.000933	0.00000484	0.00458	0.00106	0.0674	0.0145	0.00000629	11.7	0.0000173	0.000476
2049 Oct	137	0.395	0.597	0.0113	45	0.0613	26.5	0.000932	0.000932	0.00000483	0.00459	0.00106	0.0678	0.0146	0.0000063	11.7	0.0000174	0.000478
2049 Nov	137	0.395	0.597	0.0113	45	0.0615	26.6	0.000932	0.000932	0.00000483	0.0046	0.00107	0.0681	0.0146	0.0000063	11.7	0.0000174	0.00048
2049 Dec	137	0.395	0.598	0.0113	45	0.0615	26.6	0.000932	0.000932	0.00000483	0.0046	0.00107	0.0681	0.0146	0.0000063	11.7	0.0000174	0.00048
2050 Jan	137	0.395	0.598	0.0113	45	0.0615	26.6	0.000932	0.000932	0.00000483	0.0046	0.00107	0.0681	0.0146	0.0000063	11.7	0.0000174	0.00048
2050 Feb	137	0.395	0.598	0.0113	45	0.0615	26.6	0.000932	0.000932	0.00000483	0.0046	0.00107	0.0681	0.0146	0.0000063	11.7	0.0000174	0.00048
2050 Mar	137	0.395	0.598	0.0113	45	0.0615	26.6	0.000932	0.000932	0.00000483	0.0046	0.00107	0.0681	0.0146	0.0000063	11.7	0.0000174	0.00048
2050 Apr	137	0.395	0.598	0.0113	45	0.0615	26.6	0.000932	0.000932	0.00000483	0.0046	0.00107	0.0681	0.0146	0.00000631	11.7	0.0000174	0.00048
2050 May	137	0.395	0.598	0.0113	45	0.0615	26.6	0.000932	0.000932	0.00000483	0.0046	0.00107	0.0681	0.0146	0.00000631	11.7	0.0000174	0.00048
2050 Jun	137	0.395	0.598	0.0113	45.1	0.0617	26.8	0.000931	0.000931	0.00000483	0.00461	0.00107	0.0685	0.0146	0.00000631	11.8	0.0000175	0.000483
2050 Jul	138	0.395	0.598	0.0113	45.1	0.0618	26.9	0.00093	0.00093	0.00000482	0.00462	0.00108	0.0688	0.0147	0.00000631	11.8	0.0000176	0.000485

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2050 Aug	138	0.396	0.599	0.0113	45.2	0.062	27	0.00093	0.00093	0.00000483	0.00463	0.00108	0.069	0.0147	0.00000632	11.8	0.0000176	0.000487
2050 Sep	138	0.396	0.599	0.0113	45.2	0.0621	27.1	0.00093	0.00093	0.00000482	0.00464	0.00109	0.0693	0.0147	0.00000633	11.8	0.0000177	0.000489
2050 Oct	138	0.397	0.6	0.0113	45.3	0.0623	27.2	0.00093	0.00093	0.00000482	0.00465	0.00109	0.0695	0.0148	0.00000633	11.8	0.0000177	0.00049
2050 Nov	138	0.397	0.6	0.0113	45.3	0.0623	27.2	0.00093	0.00093	0.00000483	0.00465	0.00109	0.0696	0.0148	0.00000633	11.9	0.0000177	0.00049
2050 Dec	138	0.397	0.6	0.0113	45.3	0.0623	27.2	0.00093	0.00093	0.00000483	0.00465	0.00109	0.0696	0.0148	0.00000633	11.9	0.0000177	0.00049
2051 Jan	138	0.397	0.6	0.0113	45.3	0.0623	27.2	0.00093	0.00093	0.00000482	0.00465	0.00109	0.0696	0.0148	0.00000633	11.9	0.0000177	0.00049
2051 Feb	138	0.397	0.6	0.0113	45.3	0.0623	27.2	0.00093	0.00093	0.00000482	0.00465	0.00109	0.0696	0.0148	0.00000633	11.9	0.0000177	0.000491
2051 Mar	138	0.397	0.6	0.0113	45.3	0.0623	27.2	0.00093	0.00093	0.00000482	0.00465	0.00109	0.0696	0.0148	0.00000633	11.9	0.0000177	0.000491
2051 Apr	138	0.397	0.6	0.0113	45.3	0.0623	27.2	0.00093	0.00093	0.00000483	0.00465	0.00109	0.0696	0.0148	0.00000633	11.9	0.0000177	0.000491
2051 May	139	0.397	0.601	0.0113	45.3	0.0625	27.3	0.00093	0.00093	0.00000483	0.00466	0.00109	0.07	0.0148	0.00000634	11.9	0.0000178	0.000493
2051 Jun	140	0.398	0.602	0.0114	45.4	0.0632	27.8	0.000926	0.000926	0.00000481	0.00469	0.00111	0.0713	0.015	0.00000636	12	0.0000181	0.000502
2051 Jul	140	0.398	0.602	0.0114	45.4	0.0633	27.9	0.000925	0.000925	0.00000481	0.0047	0.00111	0.0716	0.015	0.00000636	12	0.0000181	0.000503
2051 Aug	140	0.399	0.603	0.0114	45.5	0.0635	28	0.000925	0.000925	0.00000481	0.00471	0.00112	0.0718	0.015	0.00000637	12	0.0000182	0.000505
2051 Sep	141	0.399	0.603	0.0114	45.5	0.0637	28.1	0.000924	0.000924	0.00000481	0.00472	0.00112	0.0722	0.0151	0.00000637	12	0.0000182	0.000508
2051 Oct	141	0.399	0.603	0.0114	45.5	0.0639	28.3	0.000923	0.000923	0.0000048	0.00473	0.00113	0.0727	0.0151	0.00000637	12.1	0.0000183	0.000511
2051 Nov	141	0.399	0.603	0.0114	45.6	0.064	28.3	0.000922	0.000922	0.0000048	0.00473	0.00113	0.0728	0.0151	0.00000638	12.1	0.0000183	0.000511
2051 Dec	141	0.399	0.603	0.0114	45.6	0.064	28.3	0.000922	0.000922	0.0000048	0.00473	0.00113	0.0728	0.0151	0.00000638	12.1	0.0000183	0.000511
2052 Jan	141	0.399	0.603	0.0114	45.6	0.064	28.3	0.000922	0.000922	0.0000048	0.00473	0.00113	0.0728	0.0151	0.00000638	12.1	0.0000183	0.000511
2052 Feb	141	0.399	0.603	0.0114	45.6	0.064	28.3	0.000922	0.000922	0.0000048	0.00473	0.00113	0.0728	0.0151	0.00000638	12.1	0.0000183	0.000511
2052 Mar	141	0.399	0.603	0.0114	45.6	0.064	28.3	0.000923	0.000923	0.0000048	0.00473	0.00113	0.0728	0.0151	0.00000638	12.1	0.0000183	0.000511
2052 Apr	141	0.399	0.603	0.0114	45.6	0.064	28.3	0.000923	0.000923	0.0000048	0.00473	0.00113	0.0728	0.0151	0.00000638	12.1	0.0000183	0.000511
2052 May	141	0.399	0.603	0.0114	45.6	0.064	28.3	0.000923	0.000923	0.0000048	0.00473	0.00113	0.0728	0.0151	0.00000638	12.1	0.0000184	0.000512
2052 Jun	141	0.399	0.603	0.0114	45.6	0.0642	28.4	0.000922	0.000922	0.0000048	0.00474	0.00114	0.0731	0.0152	0.00000638	12.1	0.0000184	0.000514
2052 Jul	142	0.399	0.604	0.0114	45.7	0.0644	28.6	0.000922	0.000922	0.00000479	0.00476	0.00114	0.0735	0.0152	0.00000639	12.2	0.0000185	0.000517
2052 Aug	142	0.4	0.605	0.0114	45.8	0.0645	28.7	0.000922	0.000922	0.0000048	0.00477	0.00114	0.0738	0.0152	0.0000064	12.2	0.0000186	0.000518
2052 Sep	142	0.4	0.605	0.0114	45.8	0.0647	28.8	0.000921	0.000921	0.00000479	0.00477	0.00115	0.0741	0.0153	0.0000064	12.2	0.0000186	0.00052
2052 Oct	143	0.4	0.605	0.0114	45.8	0.0648	28.9	0.000921	0.000921	0.00000479	0.00478	0.00115	0.0743	0.0153	0.00000641	12.2	0.0000187	0.000522
2052 Nov	143	0.4	0.605	0.0114	45.8	0.0649	28.9	0.000921	0.000921	0.00000479	0.00478	0.00115	0.0744	0.0153	0.00000641	12.2	0.0000187	0.000523
2052 Dec	143	0.4	0.605	0.0114	45.8	0.0649	28.9	0.000921	0.000921	0.00000479	0.00478	0.00115	0.0744	0.0153	0.00000641	12.2	0.0000187	0.000523
2053 Jan	143	0.4	0.605	0.0114	45.8	0.0649	28.9	0.000921	0.000921	0.00000479	0.00478	0.00115	0.0744	0.0153	0.00000641	12.2	0.0000187	0.000523
2053 Feb	143	0.4	0.605	0.0114	45.8	0.0649	28.9	0.000921	0.000921	0.00000479	0.00478	0.00115	0.0744	0.0153	0.00000641	12.2	0.0000187	0.000523
2053 Mar	143	0.4	0.605	0.0114	45.8	0.0649	28.9	0.000921	0.000921	0.00000479	0.00478	0.00115	0.0744	0.0153	0.00000641	12.2	0.0000187	0.000523
2053 Apr	143	0.4	0.605	0.0114	45.8	0.0649	28.9	0.000921	0.000921	0.00000479	0.00478	0.00115	0.0744	0.0153	0.00000641	12.2	0.0000187	0.000523
2053 May	143	0.401	0.607	0.0114	45.8	0.0655	29.3	0.000919	0.000919	0.00000479	0.00481	0.00117	0.0755	0.0154	0.00000643	12.3	0.0000189	0.000529
2053 Jun	144	0.401	0.607	0.0114	45.9	0.0658	29.6	0.000917	0.000917	0.00000478	0.00483	0.00118	0.0762	0.0155	0.00000644	12.4	0.000019	0.000535
2053 Jul	144	0.402	0.607	0.0114	45.9	0.066	29.7	0.000917	0.000917	0.00000478	0.00484	0.00118	0.0765	0.0156	0.00000644	12.4	0.0000191	0.000536
2053 Aug	145	0.402	0.608	0.0114	46	0.0662	29.8	0.000918	0.000918	0.00000478	0.00485	0.00119	0.0769	0.0156	0.00000646	12.4	0.0000191	0.000539
2053 Sep	145	0.403	0.609	0.0115	46.1	0.0664	29.9	0.000918	0.000918	0.00000478	0.00486	0.00119	0.0772	0.0157	0.00000647	12.5	0.0000192	0.000541
2053 Oct	145	0.403	0.609	0.0115	46.1	0.0666	30	0.000917	0.000917	0.00000478	0.00487	0.00119	0.0775	0.0157	0.00000647	12.5	0.0000193	0.000543
2053 Nov	145	0.403	0.61	0.0115	46.1	0.0667	30.1	0.000917	0.000917	0.00000478	0.00487	0.0012	0.0777	0.0157	0.00000647	12.5	0.0000193	0.000544
2053 Dec	145	0.403	0.61	0.0115	46.1	0.0667	30.1	0.000917	0.000917	0.00000478	0.00487	0.0012	0.0777	0.0157	0.00000647	12.5	0.0000193	0.000544
2054 Jan	145	0.403	0.61	0.0115	46.1	0.0667	30.1	0.000917	0.000917	0.00000478	0.00487	0.0012	0.0777	0.0157	0.00000647	12.5	0.0000193	0.000544
2054 Feb	145	0.403	0.61	0.0115	46.1	0.0667	30.1	0.000917	0.000917	0.00000478	0.00487	0.0012	0.0777	0.0157	0.00000647	12.5	0.0000193	0.000544
2054 Mar	145	0.403	0.61	0.0115	46.1	0.0667	30.1	0.000917	0.000917	0.00000478	0.00487	0.0012	0.0777	0.0157	0.00000647	12.5	0.0000193	0.000544
2054 Apr	145	0.403	0.61	0.0115	46.1	0.0667	30.1	0.000917	0.000917	0.00000478	0.00487	0.0012	0.0777	0.0157	0.00000647	12.5	0.0000193	0.000544
2054 May	146	0.403	0.61	0.0115	46.1	0.0667	30.1	0.000918	0.000918	0.00000478	0.00488	0.0012	0.0777	0.0157	0.00000648	12.5	0.0000193	0.000544
2054 Jun	146	0.403	0.609	0.0114	46.1	0.0669	30.2	0.000915	0.000915	0.00000478	0.00488	0.0012	0.0781	0.0158	0.00000648	12.5	0.0000194	0.000547
2054 Jul	146	0.403	0.609	0.0114	46.2	0.067	30.4	0.000915	0.000915	0.00000477	0.00489	0.00121	0.0784	0.0158	0.00000648	12.6	0.0000195	0.000549
2054 Aug	146	0.403	0.609	0.0114	46.2	0.0672	30.5	0.000914	0.000914	0.00000477	0.0049	0.00121	0.0787	0.0158	0.00000649	12.6	0.0000195	0.000551
2054 Sep	147	0.403	0.609	0.0115	46.3	0.0674	30.6	0.000914	0.000914	0.00000477	0.00491	0.00121	0.079	0.0159	0.00000649	12.6	0.0000196	0.000553
2054 Oct	147	0.403	0.609	0.0114	46.3	0.0675	30.7	0.000913	0.000913	0.00000477	0.00492	0.00122	0.0792	0.0159	0.0000065	12.6	0.0000196	0.000555
2054 Nov	147	0.403	0.609	0.0114	46.3	0.0675	30.7	0.000913	0.000913	0.00000477	0.00492	0.00122	0.0793	0.0159	0.0000065	12.6	0.0000196	0.000555
2054 Dec	147	0.403	0.609	0.0114	46.3	0.0675	30.7	0.000913	0.000913	0.00000477	0.00492	0.00122	0.0793	0.0159	0.0000065	12.6	0.0000196	0.000555
2055 Jan	147	0.403	0.609	0.0114	46.3	0.0675	30.7	0.000913	0.000913	0.00000477	0.00492	0.00122	0.0793	0.0159	0.0000065	12.6	0.0000196	0.000555
2055 Feb	147	0.403	0.609	0.0114	46.3	0.0675	30.7	0.000913	0.000913	0.00000477	0.00492	0.00122	0.0793	0.0159	0.0000065	12.6	0.0000196	0.000555
2055 Mar	147	0.403	0.609	0.0114	46.3	0.0675	30.7	0.000913	0.000913	0.00000477	0.00492	0.00122	0.0793	0.0159	0.0000065	12.6	0.0000196	0.000555
2055 Apr	147	0.403	0.609	0.0115	46.3	0.0675	30.7	0.000913	0.000913	0.00000477	0.00492	0.00122	0.0793	0.0159	0.0000065	12.6	0.0000196	0.000555
2055 May	147	0.403	0.61	0.0115	46.3	0.0676	30.7	0.000914	0.000914	0.00000477	0.00492	0.00122	0.0794	0.0159	0.0000065	12.6	0.0000196	0.000556
2055 Jun	147	0.403	0.609	0.0114	46.3	0.0678	30.9	0.000911	0.000911	0.00000476	0.00493	0.00123	0.0799	0.0159	0.0000065	12.7	0.0000197	0.000559
2055 Jul	147	0.403	0.609	0.0114	46.3	0.0679	31	0.000911	0.000911	0.00000476	0.00494	0.00123	0.0801	0.016	0.0000065	12.7	0.0000198	0.00056
2055 Aug	148	0.403	0.609	0.0114	46.4	0.068	31	0.000912	0.000912	0.00000476	0.00495	0.00123	0.0802	0.016	0.00000651	12.7	0.0000198	0.000562
2055 Sep	148	0.403	0.609	0.0114	46.4	0.0681	31.1	0.000911	0.000911	0.00000476	0.00495	0.00123	0.0804	0.016	0.00000652	12.7	0.0000198	0.000563
2055 Oct	148	0.403	0.609	0.0114	46.4	0.0682	31.1	0.000911	0.000911	0.00000476	0.00496	0.00123	0.0805	0.016	0.00000652	12.7	0.0000199	0.000564
2055 Nov	148	0.403	0.609	0.0114	46.4	0.0682	31.1	0.000911	0.000911	0.00000476	0.00496	0.00124	0.0806	0.016	0.00000652	12.7	0.0000199	0.000564
2055 Dec	148	0.403	0.609	0.0114	46.4	0.0682	31.2	0.000911	0.000911	0.00000476	0.00496	0.00124	0.0806	0.016	0.00000652	12.7	0.0000199	0.000564
2056 Jan	148	0.403	0.609	0.0114	46.4	0.0682	31.2	0.000911	0.000911	0.00000476	0.00496	0.00124	0.0806	0.016	0.00000652	12.7	0.0000199	0.000564
2056 Feb	148	0.403	0.609	0.0114	46.4	0.0682	31.2	0.000911	0.000911	0.00000476	0.00496	0.00124	0.0806	0.016	0.00000652	12.7	0.0000199	0.000564

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2056 Mar	148	0.403	0.609	0.0114	46.4	0.0682	31.2	0.000911	0.000911	0.00000476	0.00496	0.00124	0.0806	0.016	0.00000652	12.7	0.0000199	0.000564
2056 Apr	148	0.403	0.609	0.0114	46.4	0.0682	31.2	0.000911	0.000911	0.00000476	0.00496	0.00124	0.0806	0.016	0.00000652	12.7	0.0000199	0.000564
2056 May	148	0.403	0.609	0.0114	46.4	0.0683	31.2	0.000911	0.000911	0.00000476	0.00496	0.00124	0.0807	0.016	0.00000652	12.7	0.0000199	0.000565
2056 Jun	148	0.402	0.608	0.0114	46.5	0.0683	31.2	0.00091	0.00091	0.00000475	0.00497	0.00124	0.0809	0.0161	0.00000652	12.8	0.0000199	0.000566
2056 Jul	149	0.403	0.609	0.0114	46.5	0.0685	31.3	0.00091	0.00091	0.00000476	0.00498	0.00124	0.0811	0.0161	0.00000653	12.8	0.00002	0.000568
2056 Aug	149	0.403	0.609	0.0114	46.6	0.0686	31.4	0.000911	0.000911	0.00000476	0.00499	0.00125	0.0814	0.0161	0.00000654	12.8	0.00002	0.00057
2056 Sep	149	0.403	0.609	0.0114	46.6	0.0688	31.5	0.000911	0.000911	0.00000476	0.00499	0.00125	0.0816	0.0162	0.00000654	12.8	0.0000201	0.000571
2056 Oct	149	0.403	0.609	0.0114	46.6	0.0689	31.6	0.00091	0.00091	0.00000476	0.005	0.00125	0.0818	0.0162	0.00000654	12.8	0.0000201	0.000573
2056 Nov	149	0.403	0.609	0.0114	46.6	0.0689	31.6	0.00091	0.00091	0.00000476	0.005	0.00125	0.0819	0.0162	0.00000655	12.9	0.0000202	0.000573
2056 Dec	149	0.403	0.609	0.0114	46.6	0.0689	31.6	0.00091	0.00091	0.00000476	0.005	0.00125	0.0819	0.0162	0.00000655	12.9	0.0000202	0.000573
2057 Jan	149	0.403	0.609	0.0114	46.6	0.0689	31.6	0.00091	0.00091	0.00000476	0.005	0.00125	0.0819	0.0162	0.00000655	12.9	0.0000202	0.000573
2057 Feb	149	0.403	0.609	0.0114	46.6	0.0689	31.6	0.00091	0.00091	0.00000476	0.005	0.00125	0.0819	0.0162	0.00000655	12.9	0.0000202	0.000573
2057 Mar	149	0.403	0.609	0.0114	46.6	0.069	31.6	0.00091	0.00091	0.00000476	0.005	0.00125	0.0819	0.0162	0.00000655	12.9	0.0000202	0.000573
2057 Apr	149	0.403	0.609	0.0114	46.6	0.069	31.6	0.00091	0.00091	0.00000476	0.005	0.00125	0.0819	0.0162	0.00000655	12.9	0.0000202	0.000573
2057 May	149	0.403	0.61	0.0114	46.6	0.069	31.7	0.00091	0.00091	0.00000476	0.005	0.00126	0.082	0.0162	0.00000655	12.9	0.0000202	0.000574
2057 Jun	149	0.402	0.608	0.0114	46.6	0.0691	31.7	0.000908	0.000908	0.00000475	0.00501	0.00126	0.0822	0.0162	0.00000655	12.9	0.0000202	0.000576
2057 Jul	150	0.403	0.608	0.0114	46.7	0.0692	31.8	0.000909	0.000909	0.00000475	0.00502	0.00126	0.0824	0.0163	0.00000655	12.9	0.0000203	0.000577
2057 Aug	150	0.403	0.609	0.0114	46.8	0.0694	31.9	0.00091	0.00091	0.00000476	0.00503	0.00127	0.0827	0.0163	0.00000657	12.9	0.0000203	0.000579
2057 Sep	150	0.403	0.61	0.0114	46.8	0.0695	32	0.00091	0.00091	0.00000476	0.00504	0.00127	0.0829	0.0163	0.00000657	13	0.0000204	0.000581
2057 Oct	151	0.403	0.61	0.0114	46.8	0.0697	32.1	0.000909	0.000909	0.00000476	0.00505	0.00127	0.0832	0.0164	0.00000658	13	0.0000204	0.000582
2057 Nov	151	0.403	0.61	0.0114	46.8	0.0697	32.1	0.000909	0.000909	0.00000476	0.00505	0.00127	0.0833	0.0164	0.00000658	13	0.0000204	0.000583
2057 Dec	151	0.403	0.61	0.0114	46.8	0.0697	32.1	0.000909	0.000909	0.00000476	0.00505	0.00127	0.0833	0.0164	0.00000658	13	0.0000205	0.000583
2058 Jan	151	0.403	0.61	0.0114	46.8	0.0697	32.1	0.000909	0.000909	0.00000476	0.00505	0.00127	0.0833	0.0164	0.00000658	13	0.0000205	0.000583
2058 Feb	151	0.403	0.61	0.0114	46.8	0.0697	32.1	0.000909	0.000909	0.00000476	0.00505	0.00127	0.0833	0.0164	0.00000658	13	0.0000205	0.000583
2058 Mar	151	0.403	0.61	0.0114	46.8	0.0697	32.1	0.000909	0.000909	0.00000476	0.00505	0.00127	0.0833	0.0164	0.00000658	13	0.0000205	0.000583
2058 Apr	151	0.403	0.61	0.0114	46.8	0.0697	32.2	0.000909	0.000909	0.00000476	0.00505	0.00127	0.0833	0.0164	0.00000658	13	0.0000205	0.000583
2058 May	151	0.403	0.61	0.0114	46.8	0.0702	32.5	0.000907	0.000907	0.00000475	0.00507	0.00129	0.0843	0.0165	0.00000659	13.1	0.0000206	0.000589
2058 Jun	152	0.402	0.608	0.0114	46.7	0.0708	32.9	0.000902	0.000902	0.00000473	0.00509	0.0013	0.0854	0.0166	0.0000066	13.1	0.0000208	0.000597
2058 Jul	152	0.402	0.608	0.0114	46.8	0.0709	33	0.000903	0.000903	0.00000473	0.0051	0.0013	0.0856	0.0166	0.0000066	13.1	0.0000209	0.000598
2058 Aug	152	0.403	0.609	0.0114	46.8	0.071	33.1	0.000903	0.000903	0.00000473	0.00511	0.00131	0.0859	0.0167	0.00000661	13.2	0.0000209	0.0006
2058 Sep	153	0.402	0.608	0.0114	46.8	0.0712	33.2	0.000902	0.000902	0.00000473	0.00512	0.00131	0.0862	0.0167	0.00000662	13.2	0.000021	0.000602
2058 Oct	153	0.402	0.608	0.0114	46.8	0.0714	33.3	0.000902	0.000902	0.00000473	0.00513	0.00132	0.0865	0.0167	0.00000662	13.2	0.0000211	0.000604
2058 Nov	153	0.402	0.608	0.0114	46.8	0.0715	33.3	0.000901	0.000901	0.00000473	0.00513	0.00132	0.0866	0.0168	0.00000662	13.2	0.0000211	0.000605
2058 Dec	153	0.402	0.608	0.0114	46.8	0.0715	33.3	0.000901	0.000901	0.00000473	0.00513	0.00132	0.0866	0.0168	0.00000662	13.2	0.0000211	0.000605
2059 Jan	153	0.402	0.608	0.0114	46.8	0.0715	33.3	0.000901	0.000901	0.00000473	0.00513	0.00132	0.0866	0.0168	0.00000662	13.2	0.0000211	0.000605
2059 Feb	153	0.402	0.608	0.0114	46.8	0.0715	33.3	0.000901	0.000901	0.00000473	0.00513	0.00132	0.0866	0.0168	0.00000662	13.2	0.0000211	0.000605
2059 Mar	153	0.402	0.608	0.0114	46.8	0.0715	33.3	0.000901	0.000901	0.00000473	0.00513	0.00132	0.0866	0.0168	0.00000662	13.2	0.0000211	0.000605
2059 Apr	153	0.402	0.608	0.0114	46.8	0.0715	33.3	0.000901	0.000901	0.00000473	0.00513	0.00132	0.0866	0.0168	0.00000662	13.2	0.0000211	0.000605
2059 May	153	0.403	0.608	0.0114	46.8	0.0716	33.4	0.000901	0.000901	0.00000473	0.00514	0.00132	0.0868	0.0168	0.00000663	13.3	0.0000211	0.000606
2059 Jun	153	0.402	0.608	0.0114	46.9	0.0717	33.5	0.0009	0.0009	0.00000472	0.00515	0.00132	0.0872	0.0168	0.00000663	13.3	0.0000212	0.000608
2059 Jul	154	0.403	0.609	0.0114	46.9	0.0719	33.6	0.000901	0.000901	0.00000473	0.00516	0.00133	0.0874	0.0169	0.00000664	13.3	0.0000212	0.00061
2059 Aug	154	0.403	0.609	0.0114	47	0.072	33.7	0.000902	0.000902	0.00000474	0.00517	0.00133	0.0876	0.0169	0.00000665	13.3	0.0000213	0.000612
2059 Sep	154	0.403	0.609	0.0114	47	0.0722	33.8	0.000902	0.000902	0.00000473	0.00517	0.00133	0.0878	0.0169	0.00000666	13.4	0.0000213	0.000613
2059 Oct	154	0.403	0.609	0.0114	47	0.0723	33.9	0.000901	0.000901	0.00000473	0.00518	0.00134	0.0881	0.0169	0.00000666	13.4	0.0000214	0.000615
2059 Nov	154	0.403	0.608	0.0114	47	0.0723	33.9	0.0009	0.0009	0.00000473	0.00518	0.00134	0.0882	0.017	0.00000666	13.4	0.0000214	0.000616
2059 Dec	154	0.403	0.608	0.0114	47	0.0723	33.9	0.0009	0.0009	0.00000473	0.00518	0.00134	0.0882	0.017	0.00000666	13.4	0.0000214	0.000616
2060 Jan	154	0.403	0.608	0.0114	47	0.0723	33.9	0.0009	0.0009	0.00000473	0.00518	0.00134	0.0882	0.017	0.00000666	13.4	0.0000214	0.000616
2060 Feb	154	0.403	0.608	0.0114	47	0.0723	33.9	0.0009	0.0009	0.00000473	0.00518	0.00134	0.0882	0.017	0.00000666	13.4	0.0000214	0.000616
2060 Mar	154	0.403	0.608	0.0114	47	0.0723	33.9	0.0009	0.0009	0.00000473	0.00518	0.00134	0.0882	0.017	0.00000666	13.4	0.0000214	0.000616
2060 Apr	154	0.403	0.609	0.0114	47	0.0724	33.9	0.0009	0.0009	0.00000473	0.00518	0.00134	0.0882	0.017	0.00000666	13.4	0.0000214	0.000616
2060 May	155	0.403	0.608	0.0114	47	0.0726	34.1	0.0009	0.0009	0.00000472	0.00519	0.00134	0.0886	0.017	0.00000667	13.4	0.0000215	0.000618
2060 Jun	155	0.402	0.607	0.0114	47	0.0727	34.1	0.000898	0.000898	0.00000472	0.0052	0.00135	0.0889	0.017	0.00000666	13.4	0.0000215	0.00062
2060 Jul	155	0.402	0.608	0.0114	47.1	0.0728	34.2	0.000899	0.000899	0.00000472	0.00521	0.00135	0.0891	0.0171	0.00000667	13.5	0.0000216	0.000621
2060 Aug	155	0.402	0.608	0.0114	47.1	0.0729	34.3	0.000899	0.000899	0.00000472	0.00521	0.00135	0.0893	0.0171	0.00000668	13.5	0.0000216	0.000623
2060 Sep	156	0.402	0.607	0.0114	47.1	0.0731	34.4	0.000898	0.000898	0.00000472	0.00522	0.00136	0.0896	0.0171	0.00000668	13.5	0.0000217	0.000625
2060 Oct	156	0.402	0.607	0.0114	47.1	0.0732	34.5	0.000897	0.000897	0.00000471	0.00523	0.00136	0.0898	0.0172	0.00000668	13.5	0.0000217	0.000626
2060 Nov	156	0.402	0.607	0.0114	47.1	0.0732	34.5	0.000897	0.000897	0.00000471	0.00523	0.00136	0.0899	0.0172	0.00000668	13.5	0.0000217	0.000627
2060 Dec	156	0.402	0.607	0.0114	47.1	0.0732	34.5	0.000897	0.000897	0.00000471	0.00523	0.00136	0.0899	0.0172	0.00000668	13.5	0.0000217	0.000627
2061 Jan	156	0.402	0.607	0.0114	47.1	0.0732	34.5	0.000897	0.000897	0.00000471	0.00523	0.00136	0.0899	0.0172	0.00000668	13.5	0.0000217	0.000627
2061 Feb	156	0.402	0.607	0.0114	47.1	0.0732	34.5	0.000897	0.000897	0.00000471	0.00523	0.00136	0.0899	0.0172	0.00000668	13.5	0.0000217	0.000627
2061 Mar	156	0.402	0.607	0.0114	47.1	0.0732	34.5	0.000897	0.000897	0.00000471	0.00523	0.00136	0.0899	0.0172	0.00000668	13.5	0.0000217	0.000627
2061 Apr	156	0.402	0.607	0.0114	47.1	0.0732	34.5	0.000897	0.000897	0.00000471	0.00523	0.00136	0.0899	0.0172	0.00000668	13.5	0.0000217	0.000627
2061 May	156	0.401	0.606	0.0114	47.1	0.0735	34.7	0.000896	0.000896	0.00000471	0.00524	0.00137	0.0903	0.0172	0.00000669	13.6	0.0000218	0.00063
2061 Jun	156	0.4	0.604	0.0113	47.1	0.0736	34.8	0.000893	0.000893	0.0000047	0.00524	0.00137	0.0907	0.0173	0.00000669	13.6	0.0000219	0.000633
2061 Jul	157	0.401	0.605	0.0113	47.1	0.0738	34.9	0.000894	0.000894	0.0000047	0.00526	0.00138	0.0909	0.0173	0.0000067	13.6	0.0000219	0.000634
2061 Aug	157	0.401	0.606	0.0114	47.2	0.0739	35	0.000895	0.000895	0.00000471	0.00526	0.00138	0.0911	0.0173	0.00000671	13.6	0.000022	0.000636
2061 Sep	157	0.401	0.606	0.0114	47.2	0.074	35.1	0.000894	0.000894	0.00000471	0.00527	0.00138	0.0914	0.0174	0.00000671	13.7	0.000022	0.000637

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2061 Oct	157	0.4	0.605	0.0113	47.2	0.0742	35.2	0.000893	0.000893	0.0000047	0.00528	0.00139	0.0917	0.0174	0.00000671	13.7	0.0000221	0.00064
2061 Nov	157	0.4	0.604	0.0113	47.2	0.0743	35.2	0.000892	0.000892	0.0000047	0.00528	0.00139	0.0919	0.0174	0.00000671	13.7	0.0000221	0.000641
2061 Dec	157	0.4	0.604	0.0113	47.2	0.0743	35.2	0.000892	0.000892	0.0000047	0.00528	0.00139	0.0919	0.0174	0.00000671	13.7	0.0000221	0.000641
2062 Jan	157	0.4	0.604	0.0113	47.2	0.0743	35.2	0.000892	0.000892	0.0000047	0.00528	0.00139	0.0919	0.0174	0.00000671	13.7	0.0000221	0.000641
2062 Feb	157	0.4	0.604	0.0113	47.2	0.0743	35.2	0.000892	0.000892	0.0000047	0.00528	0.00139	0.0919	0.0174	0.00000671	13.7	0.0000221	0.000641
2062 Mar	157	0.4	0.604	0.0113	47.2	0.0743	35.2	0.000892	0.000892	0.0000047	0.00528	0.00139	0.0919	0.0174	0.00000671	13.7	0.0000221	0.000641
2062 Apr	157	0.4	0.604	0.0113	47.2	0.0743	35.2	0.000892	0.000892	0.0000047	0.00528	0.00139	0.0919	0.0174	0.00000671	13.7	0.0000221	0.000641
2062 May	157	0.4	0.605	0.0113	47.2	0.0743	35.3	0.000893	0.000893	0.0000047	0.00528	0.00139	0.0919	0.0174	0.00000671	13.7	0.0000221	0.000641
2062 Jun	158	0.4	0.603	0.0113	47.2	0.0744	35.3	0.000891	0.000891	0.00000469	0.00529	0.00139	0.0921	0.0174	0.00000671	13.7	0.0000222	0.000642
2062 Jul	158	0.399	0.603	0.0113	47.2	0.0745	35.4	0.000891	0.000891	0.00000469	0.00529	0.0014	0.0923	0.0175	0.00000671	13.7	0.0000222	0.000644
2062 Aug	158	0.399	0.603	0.0113	47.2	0.0746	35.5	0.00089	0.00089	0.00000469	0.0053	0.0014	0.0926	0.0175	0.00000672	13.7	0.0000222	0.000645
2062 Sep	158	0.399	0.602	0.0113	47.2	0.0747	35.6	0.000889	0.000889	0.00000468	0.00531	0.0014	0.0928	0.0175	0.00000672	13.8	0.0000223	0.000647
2062 Oct	158	0.398	0.601	0.0113	47.1	0.0749	35.7	0.000887	0.000887	0.00000467	0.00532	0.00141	0.0933	0.0175	0.00000672	13.8	0.0000224	0.00065
2062 Nov	158	0.398	0.601	0.0113	47.1	0.075	35.8	0.000887	0.000887	0.00000467	0.00532	0.00141	0.0934	0.0175	0.00000672	13.8	0.0000224	0.000651
2062 Dec	158	0.398	0.601	0.0113	47.1	0.075	35.8	0.000887	0.000887	0.00000467	0.00532	0.00141	0.0934	0.0175	0.00000672	13.8	0.0000224	0.000651
2063 Jan	158	0.398	0.601	0.0113	47.1	0.075	35.8	0.000887	0.000887	0.00000467	0.00532	0.00141	0.0934	0.0176	0.00000672	13.8	0.0000224	0.000651
2063 Feb	158	0.398	0.601	0.0113	47.1	0.075	35.8	0.000887	0.000887	0.00000467	0.00532	0.00141	0.0934	0.0176	0.00000672	13.8	0.0000224	0.000651
2063 Mar	158	0.398	0.601	0.0113	47.1	0.075	35.8	0.000887	0.000887	0.00000467	0.00532	0.00141	0.0934	0.0176	0.00000672	13.8	0.0000224	0.000651
2063 Apr	158	0.398	0.601	0.0113	47.1	0.075	35.8	0.000887	0.000887	0.00000467	0.00532	0.00141	0.0934	0.0176	0.00000672	13.8	0.0000224	0.000651
2063 May	158	0.398	0.601	0.0113	47.2	0.075	35.8	0.000887	0.000887	0.00000467	0.00532	0.00141	0.0934	0.0176	0.00000672	13.8	0.0000224	0.000651
2063 Jun	158	0.396	0.598	0.0112	47.1	0.075	35.8	0.000883	0.000883	0.00000465	0.00532	0.00141	0.0935	0.0176	0.00000671	13.8	0.0000224	0.000652
2063 Jul	159	0.396	0.597	0.0112	47.1	0.0751	35.9	0.000883	0.000883	0.00000465	0.00533	0.00142	0.0937	0.0176	0.00000671	13.8	0.0000225	0.000654
2063 Aug	159	0.396	0.598	0.0112	47.2	0.0752	36	0.000884	0.000884	0.00000466	0.00534	0.00142	0.0939	0.0176	0.00000672	13.8	0.0000225	0.000655
2063 Sep	159	0.396	0.598	0.0112	47.2	0.0753	36	0.000883	0.000883	0.00000466	0.00534	0.00142	0.0941	0.0177	0.00000672	13.9	0.0000226	0.000656
2063 Oct	159	0.395	0.597	0.0112	47.2	0.0754	36.1	0.000882	0.000882	0.00000465	0.00535	0.00142	0.0943	0.0177	0.00000672	13.9	0.0000226	0.000658
2063 Nov	159	0.395	0.597	0.0112	47.2	0.0755	36.1	0.000882	0.000882	0.00000465	0.00535	0.00142	0.0944	0.0177	0.00000673	13.9	0.0000226	0.000658
2063 Dec	159	0.395	0.597	0.0112	47.2	0.0755	36.2	0.000882	0.000882	0.00000465	0.00535	0.00143	0.0944	0.0177	0.00000673	13.9	0.0000226	0.000658
2064 Jan	159	0.395	0.597	0.0112	47.2	0.0755	36.2	0.000882	0.000882	0.00000465	0.00535	0.00143	0.0944	0.0177	0.00000673	13.9	0.0000226	0.000658
2064 Feb	159	0.395	0.597	0.0112	47.2	0.0755	36.2	0.000882	0.000882	0.00000465	0.00535	0.00143	0.0944	0.0177	0.00000673	13.9	0.0000226	0.000658
2064 Mar	159	0.395	0.597	0.0112	47.2	0.0755	36.2	0.000882	0.000882	0.00000465	0.00535	0.00143	0.0944	0.0177	0.00000673	13.9	0.0000226	0.000658
2064 Apr	159	0.395	0.597	0.0112	47.2	0.0755	36.2	0.000882	0.000882	0.00000465	0.00535	0.00143	0.0944	0.0177	0.00000673	13.9	0.0000226	0.000658
2064 May	159	0.395	0.596	0.0112	47.1	0.0757	36.3	0.000881	0.000881	0.00000465	0.00536	0.00143	0.0948	0.0177	0.00000673	13.9	0.0000227	0.000661
2064 Jun	160	0.394	0.594	0.0111	47.1	0.0758	36.4	0.000878	0.000878	0.00000463	0.00536	0.00144	0.0951	0.0178	0.00000672	13.9	0.0000227	0.000663
2064 Jul	160	0.394	0.594	0.0111	47.2	0.0759	36.5	0.000878	0.000878	0.00000464	0.00537	0.00144	0.0953	0.0178	0.00000673	14	0.0000228	0.000665
2064 Aug	160	0.394	0.594	0.0111	47.2	0.0761	36.6	0.000878	0.000878	0.00000464	0.00538	0.00144	0.0956	0.0178	0.00000674	14	0.0000228	0.000666
2064 Sep	160	0.393	0.593	0.0111	47.2	0.0762	36.7	0.000877	0.000877	0.00000463	0.00539	0.00145	0.0959	0.0179	0.00000674	14	0.0000229	0.000668
2064 Oct	160	0.393	0.593	0.0111	47.1	0.0764	36.8	0.000876	0.000876	0.00000463	0.00539	0.00145	0.0961	0.0179	0.00000674	14	0.0000229	0.00067
2064 Nov	160	0.393	0.593	0.0111	47.1	0.0764	36.8	0.000876	0.000876	0.00000463	0.00539	0.00145	0.0962	0.0179	0.00000674	14	0.000023	0.000671
2064 Dec	160	0.393	0.593	0.0111	47.1	0.0764	36.8	0.000876	0.000876	0.00000463	0.00539	0.00145	0.0962	0.0179	0.00000674	14	0.000023	0.000671
2065 Jan	160	0.393	0.593	0.0111	47.1	0.0764	36.8	0.000876	0.000876	0.00000463	0.00539	0.00145	0.0962	0.0179	0.00000674	14	0.000023	0.000671
2065 Feb	160	0.393	0.593	0.0111	47.1	0.0764	36.8	0.000876	0.000876	0.00000463	0.00539	0.00145	0.0962	0.0179	0.00000674	14	0.000023	0.000671
2065 Mar	160	0.393	0.593	0.0111	47.1	0.0764	36.8	0.000876	0.000876	0.00000463	0.00539	0.00145	0.0962	0.0179	0.00000674	14	0.000023	0.000671
2065 Apr	161	0.393	0.593	0.0111	47.1	0.0764	36.8	0.000876	0.000876	0.00000463	0.00539	0.00145	0.0962	0.0179	0.00000674	14	0.000023	0.000671
2065 May	161	0.393	0.593	0.0111	47.1	0.0766	36.9	0.000876	0.000876	0.00000462	0.0054	0.00146	0.0966	0.0179	0.00000675	14.1	0.000023	0.000673
2065 Jun	161	0.392	0.591	0.0111	47.1	0.0767	37	0.000873	0.000873	0.00000461	0.00541	0.00146	0.0968	0.018	0.00000674	14.1	0.0000231	0.000675
2065 Jul	161	0.392	0.591	0.0111	47.2	0.0768	37.1	0.000874	0.000874	0.00000462	0.00542	0.00146	0.0971	0.018	0.00000675	14.1	0.0000231	0.000676
2065 Aug	161	0.392	0.592	0.0111	47.2	0.077	37.2	0.000875	0.000875	0.00000462	0.00543	0.00147	0.0973	0.018	0.00000676	14.1	0.0000232	0.000678
2065 Sep	162	0.392	0.591	0.0111	47.2	0.0771	37.3	0.000873	0.000873	0.00000462	0.00543	0.00147	0.0976	0.0181	0.00000676	14.2	0.0000232	0.00068
2065 Oct	162	0.39	0.589	0.011	47.1	0.0773	37.4	0.000871	0.000871	0.0000046	0.00544	0.00147	0.098	0.0181	0.00000676	14.2	0.0000233	0.000683
2065 Nov	162	0.39	0.589	0.011	47.1	0.0774	37.5	0.00087	0.00087	0.0000046	0.00544	0.00148	0.0981	0.0181	0.00000676	14.2	0.0000233	0.000683
2065 Dec	162	0.39	0.589	0.011	47.1	0.0774	37.5	0.00087	0.00087	0.0000046	0.00544	0.00148	0.0981	0.0181	0.00000676	14.2	0.0000233	0.000683
2066 Jan	162	0.39	0.589	0.011	47.1	0.0774	37.5	0.00087	0.00087	0.0000046	0.00544	0.00148	0.0981	0.0181	0.00000676	14.2	0.0000233	0.000684
2066 Feb	162	0.39	0.589	0.011	47.1	0.0774	37.5	0.00087	0.00087	0.0000046	0.00544	0.00148	0.0981	0.0181	0.00000676	14.2	0.0000233	0.000684
2066 Mar	162	0.39	0.589	0.011	47.1	0.0774	37.5	0.00087	0.00087	0.0000046	0.00544	0.00148	0.0981	0.0181	0.00000676	14.2	0.0000233	0.000684
2066 Apr	162	0.39	0.589	0.011	47.1	0.0774	37.5	0.00087	0.00087	0.0000046	0.00544	0.00148	0.0981	0.0181	0.00000676	14.2	0.0000233	0.000684
2066 May	162	0.39	0.589	0.011	47.1	0.0774	37.5	0.000871	0.000871	0.0000046	0.00544	0.00148	0.0982	0.0181	0.00000677	14.2	0.0000233	0.000684
2066 Jun	162	0.389	0.587	0.011	47.1	0.0774	37.6	0.000868	0.000868	0.00000459	0.00545	0.00148	0.0983	0.0181	0.00000676	14.2	0.0000234	0.000685
2066 Jul	162	0.389	0.587	0.011	47.2	0.0776	37.7	0.000869	0.000869	0.0000046	0.00546	0.00148	0.0986	0.0182	0.00000677	14.2	0.0000234	0.000687
2066 Aug	163	0.39	0.588	0.011	47.2	0.0778	37.8	0.00087	0.00087	0.0000046	0.00547	0.00149	0.0988	0.0182	0.00000678	14.3	0.0000235	0.000689
2066 Sep	163	0.389	0.587	0.011	47.2	0.0779	37.8	0.000869	0.000869	0.0000046	0.00547	0.00149	0.0991	0.0182	0.00000678	14.3	0.0000235	0.00069
2066 Oct	163	0.389	0.586	0.011	47.2	0.078	37.9	0.000868	0.000868	0.00000459	0.00548	0.00149	0.0993	0.0183	0.00000678	14.3	0.0000236	0.000692
2066 Nov	163	0.389	0.586	0.011	47.2	0.0781	38	0.000867	0.000867	0.00000459	0.00548	0.00149	0.0995	0.0183	0.00000678	14.3	0.0000236	0.000693
2066 Dec	163	0.389	0.586	0.011	47.2	0.0781	38	0.000867	0.000867	0.00000459	0.00548	0.00149	0.0995	0.0183	0.00000678	14.3	0.0000236	0.000693
2067 Jan	163	0.389	0.586	0.011	47.1	0.0781	38	0.000867	0.000867	0.00000459	0.00548	0.00149	0.0995	0.0183	0.00000678	14.3	0.0000236	0.000693
2067 Feb	163	0.389	0.586	0.011	47.2	0.0781	38	0.000867	0.000867	0.00000459	0.00548	0.00149	0.0995	0.0183	0.00000678	14.3	0.0000236	0.000693
2067 Mar	163	0.389	0.586	0.011	47.2	0.0781	38	0.000867	0.000867	0.00000459	0.00548	0.00149	0.0995	0.0183	0.00000678	14.3	0.0000236	0.000693
2067 Apr	163	0.389	0.586	0.011	47.2	0.0781	38	0.000867	0.000867	0.00000459	0.00548	0.00149	0.0995	0.0183	0.00000678	14.3	0.0000236	0.000693

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2067 May	163	0.389	0.586	0.011	47.2	0.0782	38	0.000867	0.000867	0.00000459	0.00549	0.0015	0.0996	0.0183	0.00000679	14.3	0.0000236	0.000694
2067 Jun	163	0.388	0.585	0.011	47.2	0.0782	38.1	0.000866	0.000866	0.00000458	0.00549	0.0015	0.0997	0.0183	0.00000678	14.3	0.0000236	0.000695
2067 Jul	163	0.388	0.586	0.011	47.2	0.0784	38.2	0.000867	0.000867	0.00000459	0.0055	0.0015	0.1	0.0183	0.00000679	14.3	0.0000237	0.000697
2067 Aug	164	0.388	0.585	0.011	47.3	0.0785	38.3	0.000867	0.000867	0.00000459	0.00551	0.00151	0.1	0.0184	0.0000068	14.4	0.0000237	0.000698
2067 Sep	164	0.388	0.585	0.011	47.3	0.0786	38.3	0.000866	0.000866	0.00000459	0.00551	0.00151	0.1	0.0184	0.0000068	14.4	0.0000238	0.0007
2067 Oct	164	0.387	0.584	0.0109	47.2	0.0787	38.4	0.000865	0.000865	0.00000458	0.00552	0.00151	0.101	0.0184	0.0000068	14.4	0.0000238	0.000701
2067 Nov	164	0.387	0.584	0.0109	47.2	0.0787	38.4	0.000865	0.000865	0.00000458	0.00552	0.00151	0.101	0.0184	0.0000068	14.4	0.0000238	0.000701
2067 Dec	164	0.387	0.584	0.0109	47.2	0.0787	38.4	0.000865	0.000865	0.00000458	0.00552	0.00151	0.101	0.0184	0.0000068	14.4	0.0000238	0.000702
2068 Jan	164	0.387	0.584	0.0109	47.2	0.0787	38.4	0.000865	0.000865	0.00000458	0.00552	0.00151	0.101	0.0184	0.0000068	14.4	0.0000238	0.000702
2068 Feb	164	0.387	0.584	0.0109	47.2	0.0787	38.4	0.000865	0.000865	0.00000458	0.00552	0.00151	0.101	0.0184	0.0000068	14.4	0.0000238	0.000702
2068 Mar	164	0.387	0.584	0.0109	47.2	0.0787	38.4	0.000865	0.000865	0.00000458	0.00552	0.00151	0.101	0.0184	0.0000068	14.4	0.0000238	0.000702
2068 Apr	164	0.387	0.584	0.0109	47.2	0.0788	38.4	0.000865	0.000865	0.00000458	0.00552	0.00151	0.101	0.0184	0.0000068	14.4	0.0000238	0.000702
2068 May	164	0.387	0.584	0.0109	47.2	0.0788	38.5	0.000865	0.000865	0.00000458	0.00552	0.00151	0.101	0.0184	0.0000068	14.4	0.0000239	0.000702
2068 Jun	164	0.385	0.581	0.0109	47.2	0.0788	38.5	0.000861	0.000861	0.00000456	0.00552	0.00152	0.101	0.0185	0.00000679	14.4	0.0000239	0.000703
2068 Jul	164	0.385	0.581	0.0109	47.2	0.0789	38.6	0.000861	0.000861	0.00000457	0.00553	0.00152	0.101	0.0185	0.0000068	14.4	0.0000239	0.000705
2068 Aug	165	0.386	0.582	0.0109	47.3	0.0791	38.7	0.000862	0.000862	0.00000457	0.00554	0.00152	0.101	0.0185	0.00000681	14.5	0.000024	0.000706
2068 Sep	165	0.385	0.581	0.0109	47.3	0.0791	38.7	0.000862	0.000862	0.00000457	0.00554	0.00152	0.102	0.0185	0.00000681	14.5	0.000024	0.000708
2068 Oct	165	0.385	0.581	0.0109	47.3	0.0792	38.8	0.000862	0.000862	0.00000457	0.00555	0.00153	0.102	0.0186	0.00000681	14.5	0.000024	0.000709
2068 Nov	165	0.385	0.581	0.0109	47.3	0.0792	38.8	0.000861	0.000861	0.00000457	0.00555	0.00153	0.102	0.0186	0.00000681	14.5	0.000024	0.000709
2068 Dec	165	0.385	0.581	0.0109	47.3	0.0792	38.8	0.000861	0.000861	0.00000457	0.00555	0.00153	0.102	0.0186	0.00000681	14.5	0.000024	0.000709
2069 Jan	165	0.385	0.581	0.0109	47.3	0.0793	38.8	0.000861	0.000861	0.00000457	0.00555	0.00153	0.102	0.0186	0.00000681	14.5	0.000024	0.000709
2069 Feb	165	0.385	0.581	0.0109	47.3	0.0793	38.8	0.000861	0.000861	0.00000457	0.00555	0.00153	0.102	0.0186	0.00000681	14.5	0.000024	0.000709
2069 Mar	165	0.385	0.581	0.0109	47.3	0.0793	38.8	0.000861	0.000861	0.00000457	0.00555	0.00153	0.102	0.0186	0.00000681	14.5	0.000024	0.000709
2069 Apr	165	0.385	0.581	0.0109	47.3	0.0793	38.8	0.000861	0.000861	0.00000457	0.00555	0.00153	0.102	0.0186	0.00000681	14.5	0.0000241	0.000709
2069 May	165	0.385	0.581	0.0109	47.3	0.0793	38.8	0.000862	0.000862	0.00000457	0.00555	0.00153	0.102	0.0186	0.00000681	14.5	0.0000241	0.00071
2069 Jun	165	0.384	0.58	0.0109	47.3	0.0793	38.9	0.00086	0.00086	0.00000456	0.00555	0.00153	0.102	0.0186	0.00000681	14.5	0.0000241	0.000711
2069 Jul	165	0.385	0.58	0.0109	47.3	0.0795	39	0.000861	0.000861	0.00000457	0.00556	0.00153	0.102	0.0186	0.00000682	14.5	0.0000241	0.000712
2069 Aug	166	0.385	0.58	0.0109	47.4	0.0796	39	0.000861	0.000861	0.00000457	0.00557	0.00154	0.102	0.0186	0.00000682	14.6	0.0000242	0.000713
2069 Sep	166	0.384	0.579	0.0109	47.4	0.0796	39.1	0.00086	0.00086	0.00000456	0.00557	0.00154	0.102	0.0187	0.00000682	14.6	0.0000242	0.000714
2069 Oct	166	0.383	0.578	0.0108	47.3	0.0796	39.1	0.000858	0.000858	0.00000455	0.00557	0.00154	0.103	0.0187	0.00000682	14.6	0.0000242	0.000715
2069 Nov	166	0.383	0.577	0.0108	47.3	0.0797	39.1	0.000858	0.000858	0.00000455	0.00557	0.00154	0.103	0.0187	0.00000682	14.6	0.0000242	0.000715
2069 Dec	166	0.383	0.577	0.0108	47.3	0.0797	39.1	0.000858	0.000858	0.00000455	0.00557	0.00154	0.103	0.0187	0.00000682	14.6	0.0000242	0.000715
2070 Jan	166	0.383	0.577	0.0108	47.3	0.0797	39.1	0.000858	0.000858	0.00000455	0.00557	0.00154	0.103	0.0187	0.00000682	14.6	0.0000242	0.000715
2070 Feb	166	0.383	0.577	0.0108	47.3	0.0797	39.1	0.000858	0.000858	0.00000455	0.00557	0.00154	0.103	0.0187	0.00000682	14.6	0.0000242	0.000715
2070 Mar	166	0.383	0.577	0.0108	47.3	0.0797	39.1	0.000858	0.000858	0.00000455	0.00557	0.00154	0.103	0.0187	0.00000682	14.6	0.0000242	0.000715
2070 Apr	166	0.383	0.577	0.0108	47.3	0.0797	39.1	0.000858	0.000858	0.00000455	0.00557	0.00154	0.103	0.0187	0.00000682	14.6	0.0000242	0.000715
2070 May	166	0.383	0.577	0.0108	47.3	0.0797	39.2	0.000858	0.000858	0.00000455	0.00558	0.00154	0.103	0.0187	0.00000682	14.6	0.0000242	0.000716
2070 Jun	166	0.382	0.576	0.0108	47.3	0.0797	39.2	0.000857	0.000857	0.00000455	0.00558	0.00154	0.103	0.0187	0.00000681	14.6	0.0000243	0.000717
2070 Jul	166	0.383	0.576	0.0108	47.4	0.0799	39.3	0.000858	0.000858	0.00000455	0.00559	0.00155	0.103	0.0187	0.00000682	14.6	0.0000243	0.000718
2070 Aug	166	0.383	0.577	0.0108	47.4	0.08	39.3	0.000858	0.000858	0.00000456	0.00559	0.00155	0.103	0.0188	0.00000683	14.6	0.0000243	0.000719
2070 Sep	166	0.382	0.576	0.0108	47.4	0.08	39.4	0.000857	0.000857	0.00000455	0.0056	0.00155	0.103	0.0188	0.00000683	14.6	0.0000244	0.00072
2070 Oct	166	0.382	0.575	0.0108	47.4	0.0801	39.4	0.000856	0.000856	0.00000455	0.0056	0.00155	0.103	0.0188	0.00000683	14.6	0.0000244	0.000721
2070 Nov	166	0.382	0.575	0.0108	47.4	0.0801	39.4	0.000856	0.000856	0.00000454	0.0056	0.00155	0.103	0.0188	0.00000683	14.6	0.0000244	0.000721
2070 Dec	166	0.382	0.575	0.0108	47.4	0.0801	39.4	0.000856	0.000856	0.00000454	0.0056	0.00155	0.103	0.0188	0.00000683	14.6	0.0000244	0.000721
2071 Jan	166	0.382	0.575	0.0108	47.4	0.0801	39.4	0.000856	0.000856	0.00000454	0.0056	0.00155	0.103	0.0188	0.00000683	14.6	0.0000244	0.000721
2071 Feb	166	0.382	0.575	0.0108	47.4	0.0801	39.4	0.000856	0.000856	0.00000454	0.0056	0.00155	0.103	0.0188	0.00000683	14.6	0.0000244	0.000721
2071 Mar	166	0.382	0.575	0.0108	47.4	0.0801	39.4	0.000856	0.000856	0.00000454	0.0056	0.00155	0.103	0.0188	0.00000683	14.6	0.0000244	0.000721
2071 Apr	166	0.382	0.575	0.0108	47.4	0.0801	39.4	0.000856	0.000856	0.00000454	0.0056	0.00155	0.103	0.0188	0.00000683	14.6	0.0000244	0.000721
2071 May	166	0.381	0.575	0.0108	47.4	0.0801	39.4	0.000856	0.000856	0.00000454	0.0056	0.00155	0.103	0.0188	0.00000683	14.6	0.0000244	0.000721
2071 Jun	166	0.38	0.573	0.0107	47.4	0.0801	39.4	0.000854	0.000854	0.00000453	0.0056	0.00155	0.103	0.0188	0.00000682	14.7	0.0000244	0.000722
2071 Jul	167	0.38	0.573	0.0107	47.4	0.0801	39.5	0.000854	0.000854	0.00000454	0.0056	0.00156	0.104	0.0188	0.00000682	14.7	0.0000244	0.000723
2071 Aug	167	0.381	0.573	0.0107	47.5	0.0803	39.5	0.000855	0.000855	0.00000454	0.00561	0.00156	0.104	0.0188	0.00000683	14.7	0.0000245	0.000724
2071 Sep	167	0.38	0.573	0.0107	47.5	0.0803	39.6	0.000854	0.000854	0.00000454	0.00561	0.00156	0.104	0.0188	0.00000683	14.7	0.0000245	0.000725
2071 Oct	167	0.38	0.572	0.0107	47.5	0.0803	39.6	0.000853	0.000853	0.00000453	0.00561	0.00156	0.104	0.0189	0.00000683	14.7	0.0000245	0.000725
2071 Nov	167	0.38	0.572	0.0107	47.5	0.0803	39.6	0.000853	0.000853	0.00000453	0.00562	0.00156	0.104	0.0189	0.00000683	14.7	0.0000245	0.000725
2071 Dec	167	0.38	0.572	0.0107	47.5	0.0803	39.6	0.000853	0.000853	0.00000453	0.00562	0.00156	0.104	0.0189	0.00000683	14.7	0.0000245	0.000725
2072 Jan	167	0.38	0.572	0.0107	47.5	0.0803	39.6	0.000853	0.000853	0.00000453	0.00562	0.00156	0.104	0.0189	0.00000683	14.7	0.0000245	0.000725
2072 Feb	167	0.38	0.572	0.0107	47.5	0.0803	39.6	0.000853	0.000853	0.00000453	0.00562	0.00156	0.104	0.0189	0.00000683	14.7	0.0000245	0.000725
2072 Mar	167	0.38	0.572	0.0107	47.5	0.0803	39.6	0.000853	0.000853	0.00000453	0.00562	0.00156	0.104	0.0189	0.00000683	14.7	0.0000245	0.000726
2072 Apr	167	0.38	0.572	0.0107	47.5	0.0804	39.6	0.000853	0.000853	0.00000453	0.00562	0.00156	0.104	0.0189	0.00000683	14.7	0.0000245	0.000726
2072 May	167	0.38	0.572	0.0107	47.5	0.0804	39.6	0.000853	0.000853	0.00000453	0.00562	0.00156	0.104	0.0189	0.00000683	14.7	0.0000245	0.000726
2072 Jun	167	0.379	0.571	0.0107	47.5	0.0804	39.7	0.000853	0.000853	0.00000453	0.00562	0.00156	0.104	0.0189	0.00000683	14.7	0.0000245	0.000726
2072 Jul	167	0.379	0.571	0.0107	47.5	0.0805	39.7	0.000853	0.000853	0.00000453	0.00563	0.00157	0.104	0.0189	0.00000683	14.7	0.0000246	0.000728
2072 Aug	167	0.379	0.57	0.0107	47.5	0.0806	39.8	0.000852	0.000852	0.00000453	0.00563	0.00157	0.104	0.0189	0.00000683	14.7	0.0000246	0.000729
2072 Sep	167	0.378	0.57	0.0107	47.5	0.0806	39.8	0.000851	0.000851	0.00000453	0.00563	0.00157	0.104	0.0189	0.00000683	14.7	0.0000246	0.000729
2072 Oct	167	0.378	0.569	0.0107	47.5	0.0806	39.8	0.00085	0.00085	0.00000452	0.00563	0.00157	0.105	0.0189	0.00000683	14.7	0.0000246	0.00073
2072 Nov	167	0.377	0.568	0.0107	47.5	0.0806	39.8	0.00085	0.00085	0.00000452	0.00563	0.00157	0.105	0.0189	0.00000683	14.7	0.0000246	0.00073

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2072 Dec	167	0.377	0.568	0.0107	47.5	0.0806	39.8	0.00085	0.00085	0.00000452	0.00563	0.00157	0.105	0.0189	0.00000683	14.7	0.0000246	0.00073
2073 Jan	167	0.377	0.568	0.0107	47.5	0.0806	39.8	0.00085	0.00085	0.00000452	0.00563	0.00157	0.105	0.0189	0.00000683	14.7	0.0000246	0.00073
2073 Feb	167	0.377	0.568	0.0107	47.5	0.0806	39.8	0.00085	0.00085	0.00000452	0.00563	0.00157	0.105	0.0189	0.00000683	14.7	0.0000246	0.00073
2073 Mar	167	0.377	0.568	0.0107	47.5	0.0806	39.8	0.00085	0.00085	0.00000452	0.00563	0.00157	0.105	0.0189	0.00000683	14.7	0.0000246	0.00073
2073 Apr	167	0.378	0.569	0.0107	47.5	0.0806	39.8	0.00085	0.00085	0.00000452	0.00563	0.00157	0.105	0.0189	0.00000683	14.7	0.0000246	0.00073
2073 May	168	0.377	0.568	0.0106	47.4	0.0808	39.9	0.000849	0.000849	0.00000451	0.00564	0.00157	0.105	0.0189	0.00000683	14.8	0.0000247	0.000732
2073 Jun	168	0.376	0.566	0.0106	47.4	0.0808	40	0.000847	0.000847	0.00000451	0.00564	0.00158	0.105	0.019	0.00000682	14.8	0.0000247	0.000733
2073 Jul	168	0.376	0.566	0.0106	47.5	0.0809	40	0.000848	0.000848	0.00000451	0.00565	0.00158	0.105	0.019	0.00000683	14.8	0.0000247	0.000734
2073 Aug	168	0.376	0.566	0.0106	47.5	0.081	40.1	0.000848	0.000848	0.00000451	0.00565	0.00158	0.105	0.019	0.00000683	14.8	0.0000248	0.000735
2073 Sep	168	0.376	0.566	0.0106	47.5	0.081	40.1	0.000847	0.000847	0.00000451	0.00565	0.00158	0.105	0.019	0.00000683	14.8	0.0000248	0.000736
2073 Oct	168	0.375	0.565	0.0106	47.5	0.0811	40.2	0.000846	0.000846	0.0000045	0.00566	0.00158	0.105	0.019	0.00000683	14.8	0.0000248	0.000736
2073 Nov	168	0.375	0.565	0.0106	47.5	0.0811	40.2	0.000846	0.000846	0.0000045	0.00566	0.00158	0.105	0.019	0.00000683	14.8	0.0000248	0.000736
2073 Dec	168	0.375	0.565	0.0106	47.5	0.0811	40.2	0.000846	0.000846	0.0000045	0.00566	0.00158	0.105	0.019	0.00000683	14.8	0.0000248	0.000736
2074 Jan	168	0.375	0.565	0.0106	47.5	0.0811	40.2	0.000846	0.000846	0.0000045	0.00566	0.00158	0.105	0.019	0.00000683	14.8	0.0000248	0.000736
2074 Feb	168	0.375	0.565	0.0106	47.5	0.0811	40.2	0.000846	0.000846	0.0000045	0.00566	0.00158	0.105	0.019	0.00000683	14.8	0.0000248	0.000736
2074 Mar	168	0.375	0.565	0.0106	47.5	0.0811	40.2	0.000846	0.000846	0.0000045	0.00566	0.00158	0.105	0.019	0.00000683	14.8	0.0000248	0.000736
2074 Apr	168	0.375	0.565	0.0106	47.5	0.0811	40.2	0.000846	0.000846	0.0000045	0.00566	0.00158	0.106	0.019	0.00000683	14.8	0.0000248	0.000737
2074 May	168	0.374	0.563	0.0106	47.4	0.0812	40.3	0.000844	0.000844	0.00000449	0.00566	0.00159	0.106	0.0191	0.00000683	14.8	0.0000249	0.000739
2074 Jun	168	0.373	0.561	0.0105	47.3	0.0812	40.3	0.000842	0.000842	0.00000448	0.00566	0.00159	0.106	0.0191	0.00000682	14.9	0.0000249	0.00074
2074 Jul	169	0.373	0.561	0.0105	47.4	0.0813	40.4	0.000842	0.000842	0.00000448	0.00567	0.00159	0.106	0.0191	0.00000683	14.9	0.0000249	0.000741
2074 Aug	169	0.373	0.562	0.0105	47.5	0.0815	40.5	0.000843	0.000843	0.00000449	0.00568	0.0016	0.106	0.0191	0.00000684	14.9	0.000025	0.000742
2074 Sep	169	0.373	0.561	0.0105	47.4	0.0815	40.5	0.000842	0.000842	0.00000448	0.00568	0.0016	0.106	0.0192	0.00000684	14.9	0.000025	0.000743
2074 Oct	169	0.372	0.56	0.0105	47.4	0.0816	40.6	0.000841	0.000841	0.00000448	0.00568	0.0016	0.107	0.0192	0.00000683	14.9	0.000025	0.000744
2074 Nov	169	0.372	0.56	0.0105	47.4	0.0816	40.6	0.000841	0.000841	0.00000448	0.00568	0.0016	0.107	0.0192	0.00000683	14.9	0.000025	0.000745
2074 Dec	169	0.372	0.56	0.0105	47.4	0.0816	40.6	0.000841	0.000841	0.00000448	0.00568	0.0016	0.107	0.0192	0.00000683	14.9	0.000025	0.000745
2075 Jan	169	0.372	0.56	0.0105	47.4	0.0816	40.6	0.000841	0.000841	0.00000448	0.00568	0.0016	0.107	0.0192	0.00000683	14.9	0.000025	0.000745
2075 Feb	169	0.372	0.56	0.0105	47.4	0.0816	40.6	0.000841	0.000841	0.00000448	0.00568	0.0016	0.107	0.0192	0.00000683	14.9	0.000025	0.000745
2075 Mar	169	0.372	0.56	0.0105	47.4	0.0816	40.6	0.000841	0.000841	0.00000448	0.00568	0.0016	0.107	0.0192	0.00000683	14.9	0.000025	0.000745
2075 Apr	169	0.372	0.56	0.0105	47.4	0.0817	40.6	0.00084	0.00084	0.00000448	0.00569	0.0016	0.107	0.0192	0.00000683	14.9	0.000025	0.000745
2075 May	169	0.372	0.559	0.0105	47.3	0.0817	40.7	0.00084	0.00084	0.00000448	0.00569	0.0016	0.107	0.0192	0.00000684	14.9	0.0000251	0.000746
2075 Jun	169	0.371	0.558	0.0105	47.3	0.0817	40.7	0.000838	0.000838	0.00000447	0.00569	0.0016	0.107	0.0192	0.00000683	14.9	0.0000251	0.000746
2075 Jul	169	0.371	0.558	0.0105	47.4	0.0818	40.7	0.000838	0.000838	0.00000447	0.00569	0.0016	0.107	0.0192	0.00000683	14.9	0.0000251	0.000747
2075 Aug	169	0.371	0.558	0.0105	47.4	0.0818	40.8	0.000839	0.000839	0.00000447	0.0057	0.00161	0.107	0.0192	0.00000684	15	0.0000251	0.000748
2075 Sep	170	0.37	0.557	0.0105	47.4	0.0819	40.8	0.000838	0.000838	0.00000447	0.0057	0.00161	0.107	0.0192	0.00000684	15	0.0000251	0.000749
2075 Oct	170	0.37	0.557	0.0104	47.4	0.0819	40.8	0.000838	0.000838	0.00000447	0.0057	0.00161	0.107	0.0192	0.00000684	15	0.0000252	0.000749
2075 Nov	170	0.37	0.557	0.0104	47.4	0.0819	40.8	0.000838	0.000838	0.00000447	0.0057	0.00161	0.107	0.0192	0.00000684	15	0.0000252	0.00075
2075 Dec	170	0.37	0.557	0.0104	47.4	0.0819	40.8	0.000838	0.000838	0.00000447	0.0057	0.00161	0.107	0.0192	0.00000684	15	0.0000252	0.00075
2076 Jan	170	0.37	0.557	0.0104	47.4	0.0819	40.8	0.000838	0.000838	0.00000447	0.0057	0.00161	0.107	0.0192	0.00000684	15	0.0000252	0.00075
2076 Feb	170	0.37	0.557	0.0104	47.4	0.0819	40.8	0.000838	0.000838	0.00000447	0.0057	0.00161	0.107	0.0192	0.00000684	15	0.0000252	0.00075
2076 Mar	170	0.37	0.557	0.0104	47.4	0.0819	40.8	0.000838	0.000838	0.00000447	0.0057	0.00161	0.107	0.0192	0.00000684	15	0.0000252	0.00075
2076 Apr	170	0.37	0.557	0.0104	47.4	0.082	40.8	0.000838	0.000838	0.00000447	0.0057	0.00161	0.107	0.0192	0.00000684	15	0.0000252	0.00075
2076 May	170	0.37	0.557	0.0104	47.4	0.082	40.9	0.000838	0.000838	0.00000447	0.00571	0.00161	0.107	0.0193	0.00000684	15	0.0000252	0.00075
2076 Jun	170	0.369	0.555	0.0104	47.4	0.0819	40.8	0.000836	0.000836	0.00000446	0.0057	0.00161	0.107	0.0193	0.00000683	15	0.0000252	0.00075
2076 Jul	170	0.369	0.555	0.0104	47.5	0.082	40.9	0.000837	0.000837	0.00000446	0.00571	0.00161	0.107	0.0193	0.00000684	15	0.0000252	0.000751
2076 Aug	170	0.369	0.556	0.0104	47.5	0.0821	41	0.000837	0.000837	0.00000446	0.00572	0.00162	0.108	0.0193	0.00000684	15	0.0000252	0.000752
2076 Sep	170	0.369	0.555	0.0104	47.5	0.0822	41	0.000837	0.000837	0.00000446	0.00572	0.00162	0.108	0.0193	0.00000685	15	0.0000253	0.000753
2076 Oct	170	0.369	0.555	0.0104	47.5	0.0822	41	0.000836	0.000836	0.00000446	0.00572	0.00162	0.108	0.0193	0.00000684	15	0.0000253	0.000753
2076 Nov	170	0.369	0.555	0.0104	47.5	0.0822	41	0.000836	0.000836	0.00000446	0.00572	0.00162	0.108	0.0193	0.00000684	15	0.0000253	0.000753
2076 Dec	170	0.369	0.555	0.0104	47.5	0.0822	41	0.000836	0.000836	0.00000446	0.00572	0.00162	0.108	0.0193	0.00000684	15	0.0000253	0.000754
2077 Jan	170	0.369	0.555	0.0104	47.5	0.0822	41	0.000836	0.000836	0.00000446	0.00572	0.00162	0.108	0.0193	0.00000684	15	0.0000253	0.000754
2077 Feb	170	0.369	0.555	0.0104	47.5	0.0822	41	0.000836	0.000836	0.00000446	0.00572	0.00162	0.108	0.0193	0.00000684	15	0.0000253	0.000754
2077 Mar	170	0.369	0.555	0.0104	47.5	0.0822	41	0.000836	0.000836	0.00000446	0.00572	0.00162	0.108	0.0193	0.00000684	15	0.0000253	0.000754
2077 Apr	170	0.369	0.555	0.0104	47.5	0.0822	41	0.000836	0.000836	0.00000446	0.00572	0.00162	0.108	0.0193	0.00000684	15	0.0000253	0.000754
2077 May	170	0.369	0.554	0.0104	47.5	0.0822	41	0.000836	0.000836	0.00000446	0.00572	0.00162	0.108	0.0193	0.00000684	15	0.0000253	0.000754
2077 Jun	170	0.367	0.553	0.0104	47.5	0.0822	41	0.000834	0.000834	0.00000445	0.00572	0.00162	0.108	0.0193	0.00000683	15	0.0000253	0.000754
2077 Jul	170	0.368	0.553	0.0104	47.5	0.0823	41.1	0.000835	0.000835	0.00000445	0.00573	0.00162	0.108	0.0194	0.00000684	15.1	0.0000253	0.000756
2077 Aug	171	0.368	0.553	0.0104	47.6	0.0824	41.2	0.000836	0.000836	0.00000446	0.00574	0.00163	0.108	0.0194	0.00000685	15.1	0.0000254	0.000757
2077 Sep	171	0.367	0.552	0.0104	47.5	0.0824	41.2	0.000834	0.000834	0.00000445	0.00574	0.00163	0.108	0.0194	0.00000684	15.1	0.0000254	0.000757
2077 Oct	171	0.367	0.552	0.0103	47.5	0.0824	41.2	0.000834	0.000834	0.00000445	0.00574	0.00163	0.108	0.0194	0.00000684	15.1	0.0000254	0.000758
2077 Nov	171	0.367	0.552	0.0103	47.5	0.0824	41.2	0.000834	0.000834	0.00000445	0.00574	0.00163	0.108	0.0194	0.00000684	15.1	0.0000254	0.000758
2077 Dec	171	0.367	0.552	0.0103	47.5	0.0824	41.2	0.000834	0.000834	0.00000445	0.00574	0.00163	0.108	0.0194	0.00000684	15.1	0.0000254	0.000758
2078 Jan	171	0.367	0.552	0.0103	47.5	0.0824	41.2	0.000834	0.000834	0.00000445	0.00574	0.00163	0.108	0.0194	0.00000684	15.1	0.0000254	0.000758
2078 Feb	171	0.367	0.552	0.0103	47.5	0.0824	41.2	0.000834	0.000834	0.00000445	0.00574	0.00163	0.108	0.0194	0.00000684	15.1	0.0000254	0.000758
2078 Mar	171	0.367	0.552	0.0103	47.5	0.0824	41.2	0.000834	0.000834	0.00000445	0.00574	0.00163	0.108	0.0194	0.00000684	15.1	0.0000254	0.000758
2078 Apr	171	0.367	0.552	0.0103	47.5	0.0825	41.2	0.000834	0.000834	0.00000445	0.00574	0.00163	0.108	0.0194	0.00000684	15.1	0.0000254	0.000758
2078 May	171	0.366	0.55	0.0103	47.5	0.0825	41.3	0.000832	0.000832	0.00000444	0.00574	0.00163	0.109	0.0194	0.00000684	15.1	0.0000254	0.000759
2078 Jun	171	0.365	0.549	0.0103	47.4	0.0824	41.3	0.00083	0.00083	0.00000443	0.00574	0.00163	0.109	0.0194	0.00000683	15.1	0.0000254	0.000759

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2078 Jul	171	0.365	0.549	0.0103	47.5	0.0826	41.3	0.000831	0.000831	0.00000444	0.00574	0.00163	0.109	0.0195	0.00000684	15.1	0.0000255	0.00076
2078 Aug	171	0.365	0.549	0.0103	47.6	0.0826	41.4	0.000831	0.000831	0.00000444	0.00575	0.00163	0.109	0.0195	0.00000684	15.1	0.0000255	0.000762
2078 Sep	171	0.365	0.549	0.0103	47.6	0.0827	41.4	0.000831	0.000831	0.00000444	0.00575	0.00164	0.109	0.0195	0.00000685	15.2	0.0000255	0.000762
2078 Oct	171	0.365	0.548	0.0103	47.5	0.0827	41.5	0.000831	0.000831	0.00000443	0.00575	0.00164	0.109	0.0195	0.00000684	15.2	0.0000255	0.000763
2078 Nov	171	0.364	0.548	0.0103	47.5	0.0827	41.5	0.00083	0.00083	0.00000443	0.00576	0.00164	0.109	0.0195	0.00000684	15.2	0.0000255	0.000763
2078 Dec	171	0.364	0.548	0.0103	47.5	0.0827	41.5	0.00083	0.00083	0.00000443	0.00576	0.00164	0.109	0.0195	0.00000684	15.2	0.0000255	0.000763
2079 Jan	171	0.364	0.548	0.0103	47.5	0.0827	41.5	0.00083	0.00083	0.00000443	0.00576	0.00164	0.109	0.0195	0.00000684	15.2	0.0000255	0.000763
2079 Feb	171	0.364	0.548	0.0103	47.5	0.0827	41.5	0.00083	0.00083	0.00000443	0.00576	0.00164	0.109	0.0195	0.00000684	15.2	0.0000255	0.000763
2079 Mar	171	0.364	0.548	0.0103	47.5	0.0827	41.5	0.00083	0.00083	0.00000443	0.00576	0.00164	0.109	0.0195	0.00000684	15.2	0.0000255	0.000763
2079 Apr	171	0.365	0.548	0.0103	47.5	0.0828	41.5	0.00083	0.00083	0.00000443	0.00576	0.00164	0.109	0.0195	0.00000684	15.2	0.0000255	0.000763
2079 May	172	0.365	0.548	0.0103	47.5	0.0828	41.5	0.000831	0.000831	0.00000443	0.00576	0.00164	0.109	0.0195	0.00000685	15.2	0.0000255	0.000763
2079 Jun	171	0.363	0.546	0.0103	47.5	0.0827	41.5	0.000829	0.000829	0.00000442	0.00575	0.00164	0.109	0.0195	0.00000684	15.2	0.0000255	0.000763
2079 Jul	172	0.363	0.546	0.0102	47.5	0.0828	41.5	0.000828	0.000828	0.00000442	0.00576	0.00164	0.109	0.0195	0.00000684	15.2	0.0000256	0.000764
2079 Aug	172	0.363	0.546	0.0103	47.6	0.0829	41.6	0.000829	0.000829	0.00000443	0.00577	0.00164	0.109	0.0196	0.00000685	15.2	0.0000256	0.000765
2079 Sep	172	0.363	0.545	0.0102	47.6	0.0829	41.6	0.000828	0.000828	0.00000442	0.00577	0.00164	0.109	0.0196	0.00000684	15.2	0.0000256	0.000766
2079 Oct	172	0.363	0.545	0.0102	47.6	0.0829	41.6	0.000828	0.000828	0.00000442	0.00577	0.00164	0.109	0.0196	0.00000684	15.2	0.0000256	0.000766
2079 Nov	172	0.362	0.545	0.0102	47.5	0.0829	41.6	0.000827	0.000827	0.00000442	0.00577	0.00164	0.109	0.0196	0.00000684	15.2	0.0000256	0.000766
2079 Dec	172	0.362	0.544	0.0102	47.5	0.0829	41.6	0.000827	0.000827	0.00000442	0.00577	0.00164	0.109	0.0196	0.00000684	15.2	0.0000256	0.000766
2080 Jan	172	0.362	0.544	0.0102	47.5	0.0829	41.6	0.000827	0.000827	0.00000442	0.00577	0.00164	0.109	0.0196	0.00000684	15.2	0.0000256	0.000766
2080 Feb	172	0.362	0.544	0.0102	47.5	0.0829	41.6	0.000827	0.000827	0.00000442	0.00577	0.00164	0.109	0.0196	0.00000684	15.2	0.0000256	0.000766
2080 Mar	172	0.362	0.544	0.0102	47.5	0.0829	41.6	0.000827	0.000827	0.00000442	0.00577	0.00164	0.109	0.0196	0.00000684	15.2	0.0000256	0.000766
2080 Apr	172	0.362	0.544	0.0102	47.5	0.0829	41.6	0.000827	0.000827	0.00000442	0.00577	0.00164	0.109	0.0196	0.00000684	15.2	0.0000256	0.000766
2080 May	172	0.362	0.545	0.0102	47.6	0.083	41.6	0.000828	0.000828	0.00000442	0.00577	0.00165	0.11	0.0196	0.00000684	15.2	0.0000256	0.000767
2080 Jun	172	0.362	0.544	0.0102	47.6	0.0829	41.6	0.000827	0.000827	0.00000442	0.00577	0.00165	0.11	0.0196	0.00000684	15.2	0.0000256	0.000767
2080 Jul	172	0.361	0.543	0.0102	47.6	0.083	41.7	0.000826	0.000826	0.00000441	0.00577	0.00165	0.11	0.0196	0.00000684	15.2	0.0000256	0.000768
2080 Aug	172	0.361	0.543	0.0102	47.6	0.0831	41.7	0.000826	0.000826	0.00000442	0.00578	0.00165	0.11	0.0196	0.00000684	15.2	0.0000257	0.000769
2080 Sep	172	0.361	0.543	0.0102	47.6	0.0831	41.7	0.000826	0.000826	0.00000441	0.00578	0.00165	0.11	0.0196	0.00000684	15.2	0.0000257	0.000769
2080 Oct	172	0.361	0.542	0.0102	47.6	0.0831	41.8	0.000825	0.000825	0.00000441	0.00578	0.00165	0.11	0.0196	0.00000684	15.2	0.0000257	0.000769
2080 Nov	172	0.361	0.542	0.0102	47.6	0.0831	41.8	0.000825	0.000825	0.00000441	0.00578	0.00165	0.11	0.0196	0.00000684	15.2	0.0000257	0.000769
2080 Dec	172	0.361	0.542	0.0102	47.6	0.0831	41.8	0.000825	0.000825	0.00000441	0.00578	0.00165	0.11	0.0196	0.00000684	15.2	0.0000257	0.000769
2081 Jan	172	0.361	0.542	0.0102	47.6	0.0831	41.8	0.000825	0.000825	0.00000441	0.00578	0.00165	0.11	0.0196	0.00000684	15.2	0.0000257	0.000769
2081 Feb	172	0.361	0.542	0.0102	47.6	0.0831	41.8	0.000825	0.000825	0.00000441	0.00578	0.00165	0.11	0.0196	0.00000684	15.2	0.0000257	0.000769
2081 Mar	172	0.361	0.542	0.0102	47.6	0.0831	41.8	0.000825	0.000825	0.00000441	0.00578	0.00165	0.11	0.0196	0.00000684	15.2	0.0000257	0.000769
2081 Apr	172	0.361	0.542	0.0102	47.6	0.0831	41.8	0.000825	0.000825	0.00000441	0.00578	0.00165	0.11	0.0196	0.00000684	15.2	0.0000257	0.000769
2081 May	172	0.36	0.542	0.0102	47.6	0.0831	41.8	0.000825	0.000825	0.00000441	0.00578	0.00165	0.11	0.0196	0.00000684	15.2	0.0000257	0.00077
2081 Jun	172	0.36	0.54	0.0101	47.6	0.0831	41.8	0.000824	0.000824	0.0000044	0.00578	0.00165	0.11	0.0196	0.00000683	15.2	0.0000257	0.00077
2081 Jul	173	0.36	0.541	0.0102	47.7	0.0832	41.8	0.000825	0.000825	0.00000441	0.00579	0.00165	0.11	0.0196	0.00000684	15.3	0.0000257	0.000771
2081 Aug	173	0.361	0.542	0.0102	47.7	0.0833	41.9	0.000826	0.000826	0.00000441	0.0058	0.00166	0.11	0.0197	0.00000685	15.3	0.0000258	0.000772
2081 Sep	173	0.36	0.541	0.0102	47.8	0.0834	41.9	0.000826	0.000826	0.00000441	0.0058	0.00166	0.11	0.0197	0.00000685	15.3	0.0000258	0.000773
2081 Oct	173	0.36	0.541	0.0102	47.7	0.0834	41.9	0.000825	0.000825	0.00000441	0.0058	0.00166	0.11	0.0197	0.00000685	15.3	0.0000258	0.000773
2081 Nov	173	0.36	0.541	0.0101	47.7	0.0834	41.9	0.000825	0.000825	0.00000441	0.0058	0.00166	0.11	0.0197	0.00000685	15.3	0.0000258	0.000773
2081 Dec	173	0.36	0.54	0.0101	47.7	0.0834	41.9	0.000825	0.000825	0.00000441	0.0058	0.00166	0.11	0.0197	0.00000685	15.3	0.0000258	0.000773
2082 Jan	173	0.36	0.54	0.0101	47.7	0.0834	41.9	0.000825	0.000825	0.00000441	0.0058	0.00166	0.11	0.0197	0.00000685	15.3	0.0000258	0.000773
2082 Feb	173	0.36	0.54	0.0101	47.7	0.0834	41.9	0.000825	0.000825	0.00000441	0.0058	0.00166	0.11	0.0197	0.00000685	15.3	0.0000258	0.000773
2082 Mar	173	0.36	0.54	0.0101	47.7	0.0834	41.9	0.000825	0.000825	0.00000441	0.0058	0.00166	0.11	0.0197	0.00000685	15.3	0.0000258	0.000773
2082 Apr	173	0.36	0.541	0.0101	47.7	0.0834	42	0.000825	0.000825	0.00000441	0.0058	0.00166	0.11	0.0197	0.00000685	15.3	0.0000258	0.000773
2082 May	173	0.36	0.541	0.0101	47.7	0.0834	42	0.000825	0.000825	0.00000441	0.0058	0.00166	0.11	0.0197	0.00000685	15.3	0.0000258	0.000774
2082 Jun	173	0.358	0.538	0.0101	47.6	0.0834	42	0.000822	0.000822	0.0000044	0.0058	0.00166	0.11	0.0197	0.00000684	15.3	0.0000258	0.000774
2082 Jul	173	0.358	0.537	0.0101	47.6	0.0834	42	0.000821	0.000821	0.00000439	0.0058	0.00166	0.111	0.0197	0.00000684	15.3	0.0000258	0.000775
2082 Aug	173	0.358	0.538	0.0101	47.7	0.0835	42.1	0.000822	0.000822	0.0000044	0.00581	0.00166	0.111	0.0197	0.00000685	15.3	0.0000259	0.000776
2082 Sep	173	0.358	0.538	0.0101	47.7	0.0835	42.1	0.000822	0.000822	0.0000044	0.00581	0.00166	0.111	0.0197	0.00000685	15.3	0.0000259	0.000776
2082 Oct	173	0.357	0.537	0.0101	47.7	0.0835	42.1	0.000821	0.000821	0.00000439	0.00581	0.00166	0.111	0.0197	0.00000684	15.3	0.0000259	0.000776
2082 Nov	173	0.357	0.537	0.0101	47.7	0.0835	42.1	0.000821	0.000821	0.00000439	0.00581	0.00166	0.111	0.0197	0.00000684	15.3	0.0000259	0.000776
2082 Dec	173	0.357	0.537	0.0101	47.7	0.0835	42.1	0.000821	0.000821	0.00000439	0.00581	0.00166	0.111	0.0197	0.00000684	15.3	0.0000259	0.000776
2083 Jan	173	0.357	0.537	0.0101	47.7	0.0835	42.1	0.000821	0.000821	0.00000439	0.00581	0.00166	0.111	0.0197	0.00000684	15.3	0.0000259	0.000776
2083 Feb	173	0.357	0.537	0.0101	47.7	0.0835	42.1	0.000821	0.000821	0.00000439	0.00581	0.00166	0.111	0.0197	0.00000684	15.3	0.0000259	0.000776
2083 Mar	173	0.357	0.537	0.0101	47.7	0.0835	42.1	0.000821	0.000821	0.00000439	0.00581	0.00166	0.111	0.0197	0.00000684	15.3	0.0000259	0.000776
2083 Apr	173	0.357	0.537	0.0101	47.7	0.0835	42.1	0.000821	0.000821	0.00000439	0.00581	0.00167	0.111	0.0197	0.00000684	15.3	0.0000259	0.000776
2083 May	173	0.357	0.536	0.0101	47.6	0.0836	42.1	0.00082	0.00082	0.00000439	0.00581	0.00167	0.111	0.0197	0.00000684	15.3	0.0000259	0.000777
2083 Jun	173	0.355	0.534	0.01	47.6	0.0835	42.1	0.000818	0.000818	0.00000438	0.00581	0.00167	0.111	0.0197	0.00000683	15.3	0.0000259	0.000777
2083 Jul	173	0.355	0.534	0.01	47.6	0.0836	42.2	0.000818	0.000818	0.00000438	0.00581	0.00167	0.111	0.0197	0.00000683	15.3	0.0000259	0.000778
2083 Aug	174	0.355	0.533	0.01	47.7	0.0836	42.2	0.000818	0.000818	0.00000438	0.00582	0.00167	0.111	0.0198	0.00000684	15.3	0.000026	0.000779
2083 Sep	174	0.355	0.533	0.01	47.6	0.0836	42.2	0.000817	0.000817	0.00000437	0.00582	0.00167	0.111	0.0198	0.00000683	15.3	0.000026	0.000779
2083 Oct	174	0.354	0.531	0.00998	47.6	0.0836	42.2	0.000816	0.000816	0.00000437	0.00582	0.00167	0.111	0.0198	0.00000683	15.3	0.000026	0.000779
2083 Nov	174	0.354	0.531	0.00998	47.6	0.0836	42.2	0.000815	0.000815	0.00000436	0.00581	0.00167	0.111	0.0198	0.00000682	15.3	0.000026	0.000779
2083 Dec	174	0.354	0.531	0.00998	47.6	0.0836	42.2	0.000815	0.000815	0.00000436	0.00581	0.00167	0.111	0.0198	0.00000682	15.3	0.000026	0.00078
2084 Jan	174	0.354	0.531	0.00998	47.6	0.0836	42.2	0.000815	0.000815	0.00000436	0.00581	0.00167	0.111	0.0198	0.00000682	15.3	0.000026	0.00078

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2084 Feb	174	0.354	0.531	0.00998	47.6	0.0836	42.2	0.000815	0.000815	0.00000436	0.00581	0.00167	0.111	0.0198	0.00000682	15.3	0.000026	0.00078
2084 Mar	174	0.354	0.531	0.00998	47.6	0.0836	42.2	0.000815	0.000815	0.00000436	0.00581	0.00167	0.111	0.0198	0.00000682	15.3	0.000026	0.00078
2084 Apr	174	0.354	0.531	0.00998	47.6	0.0836	42.2	0.000815	0.000815	0.00000436	0.00582	0.00167	0.111	0.0198	0.00000683	15.3	0.000026	0.00078
2084 May	174	0.353	0.531	0.00997	47.6	0.0836	42.3	0.000815	0.000815	0.00000436	0.00582	0.00167	0.111	0.0198	0.00000682	15.3	0.000026	0.00078
2084 Jun	174	0.352	0.529	0.00994	47.5	0.0836	42.2	0.000813	0.000813	0.00000435	0.00581	0.00167	0.111	0.0198	0.00000681	15.3	0.000026	0.00078
2084 Jul	174	0.352	0.529	0.00994	47.6	0.0836	42.3	0.000814	0.000814	0.00000436	0.00582	0.00168	0.111	0.0198	0.00000682	15.4	0.000026	0.000781
2084 Aug	174	0.353	0.529	0.00994	47.6	0.0837	42.3	0.000814	0.000814	0.00000436	0.00582	0.00168	0.111	0.0198	0.00000682	15.4	0.000026	0.000782
2084 Sep	174	0.352	0.529	0.00993	47.6	0.0838	42.3	0.000813	0.000813	0.00000436	0.00583	0.00168	0.111	0.0198	0.00000682	15.4	0.000026	0.000782
2084 Oct	174	0.352	0.528	0.00992	47.6	0.0837	42.4	0.000812	0.000812	0.00000435	0.00582	0.00168	0.112	0.0198	0.00000682	15.4	0.000026	0.000783
2084 Nov	174	0.351	0.527	0.00991	47.6	0.0837	42.4	0.000812	0.000812	0.00000435	0.00582	0.00168	0.112	0.0198	0.00000682	15.4	0.000026	0.000783
2084 Dec	174	0.351	0.527	0.00991	47.6	0.0837	42.4	0.000812	0.000812	0.00000435	0.00582	0.00168	0.112	0.0198	0.00000682	15.4	0.000026	0.000783
2085 Jan	174	0.351	0.527	0.00991	47.6	0.0837	42.4	0.000812	0.000812	0.00000435	0.00582	0.00168	0.112	0.0198	0.00000682	15.4	0.000026	0.000783
2085 Feb	174	0.351	0.527	0.00991	47.6	0.0837	42.4	0.000812	0.000812	0.00000435	0.00582	0.00168	0.112	0.0198	0.00000682	15.4	0.000026	0.000783
2085 Mar	174	0.351	0.527	0.00991	47.6	0.0837	42.4	0.000812	0.000812	0.00000435	0.00582	0.00168	0.112	0.0198	0.00000682	15.4	0.000026	0.000783
2085 Apr	174	0.351	0.527	0.00991	47.6	0.0837	42.4	0.000812	0.000812	0.00000435	0.00582	0.00168	0.112	0.0198	0.00000682	15.4	0.000026	0.000783
2085 May	174	0.351	0.527	0.0099	47.6	0.0838	42.4	0.000811	0.000811	0.00000435	0.00583	0.00168	0.112	0.0198	0.00000682	15.4	0.0000261	0.000783
2085 Jun	174	0.351	0.526	0.00988	47.6	0.0838	42.4	0.000811	0.000811	0.00000434	0.00582	0.00168	0.112	0.0198	0.00000681	15.4	0.0000261	0.000784
2085 Jul	174	0.351	0.526	0.00989	47.6	0.0839	42.5	0.000811	0.000811	0.00000435	0.00583	0.00168	0.112	0.0199	0.00000682	15.4	0.0000261	0.000785
2085 Aug	174	0.35	0.526	0.00988	47.6	0.0839	42.5	0.000811	0.000811	0.00000434	0.00583	0.00168	0.112	0.0199	0.00000682	15.4	0.0000261	0.000785
2085 Sep	174	0.35	0.525	0.00986	47.6	0.0839	42.5	0.000809	0.000809	0.00000434	0.00583	0.00169	0.112	0.0199	0.00000681	15.4	0.0000261	0.000786
2085 Oct	174	0.349	0.524	0.00984	47.5	0.0839	42.5	0.000808	0.000808	0.00000433	0.00583	0.00169	0.112	0.0199	0.00000681	15.4	0.0000261	0.000786
2085 Nov	174	0.349	0.523	0.00983	47.5	0.0839	42.5	0.000807	0.000807	0.00000433	0.00583	0.00169	0.112	0.0199	0.00000681	15.4	0.0000261	0.000786
2085 Dec	174	0.349	0.523	0.00983	47.5	0.0839	42.5	0.000807	0.000807	0.00000433	0.00583	0.00169	0.112	0.0199	0.00000681	15.4	0.0000261	0.000786
2086 Jan	174	0.349	0.523	0.00983	47.5	0.0839	42.5	0.000807	0.000807	0.00000433	0.00583	0.00169	0.112	0.0199	0.00000681	15.4	0.0000261	0.000786
2086 Feb	174	0.349	0.523	0.00983	47.5	0.0839	42.5	0.000807	0.000807	0.00000433	0.00583	0.00169	0.112	0.0199	0.00000681	15.4	0.0000261	0.000786
2086 Mar	174	0.349	0.523	0.00983	47.5	0.0839	42.5	0.000807	0.000807	0.00000433	0.00583	0.00169	0.112	0.0199	0.00000681	15.4	0.0000261	0.000786
2086 Apr	174	0.349	0.523	0.00983	47.5	0.0839	42.5	0.000807	0.000807	0.00000433	0.00583	0.00169	0.112	0.0199	0.00000681	15.4	0.0000261	0.000786
2086 May	174	0.349	0.523	0.00983	47.5	0.084	42.6	0.000807	0.000807	0.00000433	0.00583	0.00169	0.112	0.0199	0.00000681	15.4	0.0000261	0.000787
2086 Jun	174	0.347	0.521	0.0098	47.5	0.0839	42.5	0.000805	0.000805	0.00000432	0.00583	0.00169	0.112	0.0199	0.0000068	15.4	0.0000261	0.000787
2086 Jul	175	0.347	0.521	0.0098	47.5	0.084	42.6	0.000806	0.000806	0.00000432	0.00584	0.00169	0.112	0.0199	0.0000068	15.4	0.0000262	0.000788
2086 Aug	175	0.347	0.521	0.00979	47.6	0.084	42.6	0.000806	0.000806	0.00000432	0.00584	0.00169	0.112	0.0199	0.00000681	15.4	0.0000262	0.000789
2086 Sep	175	0.347	0.52	0.00978	47.5	0.0841	42.7	0.000805	0.000805	0.00000431	0.00584	0.00169	0.112	0.0199	0.0000068	15.4	0.0000262	0.000789
2086 Oct	175	0.346	0.52	0.00977	47.5	0.0841	42.7	0.000804	0.000804	0.00000431	0.00584	0.00169	0.112	0.0199	0.0000068	15.4	0.0000262	0.000789
2086 Nov	175	0.346	0.52	0.00977	47.5	0.0841	42.7	0.000804	0.000804	0.00000431	0.00584	0.00169	0.112	0.0199	0.0000068	15.4	0.0000262	0.00079
2086 Dec	175	0.346	0.52	0.00977	47.5	0.0841	42.7	0.000804	0.000804	0.00000431	0.00584	0.00169	0.112	0.0199	0.0000068	15.4	0.0000262	0.00079
2087 Jan	175	0.346	0.52	0.00977	47.5	0.0841	42.7	0.000804	0.000804	0.00000431	0.00584	0.00169	0.112	0.0199	0.0000068	15.4	0.0000262	0.00079
2087 Feb	175	0.346	0.52	0.00977	47.5	0.0841	42.7	0.000804	0.000804	0.00000431	0.00584	0.00169	0.112	0.0199	0.0000068	15.4	0.0000262	0.00079
2087 Mar	175	0.346	0.52	0.00977	47.5	0.0841	42.7	0.000804	0.000804	0.00000431	0.00584	0.00169	0.112	0.0199	0.0000068	15.4	0.0000262	0.00079
2087 Apr	175	0.346	0.52	0.00977	47.5	0.0841	42.7	0.000804	0.000804	0.00000431	0.00584	0.00169	0.112	0.0199	0.0000068	15.4	0.0000262	0.00079
2087 May	175	0.346	0.519	0.00977	47.5	0.0841	42.7	0.000804	0.000804	0.00000431	0.00584	0.00169	0.112	0.0199	0.0000068	15.5	0.0000262	0.00079
2087 Jun	175	0.346	0.518	0.00975	47.5	0.084	42.7	0.000803	0.000803	0.00000431	0.00584	0.00169	0.112	0.0199	0.0000068	15.5	0.0000262	0.00079
2087 Jul	175	0.346	0.518	0.00974	47.5	0.0841	42.7	0.000803	0.000803	0.00000431	0.00585	0.0017	0.113	0.02	0.0000068	15.5	0.0000262	0.000791
2087 Aug	175	0.346	0.519	0.00975	47.6	0.0842	42.8	0.000804	0.000804	0.00000431	0.00585	0.0017	0.113	0.02	0.00000681	15.5	0.0000263	0.000792
2087 Sep	175	0.346	0.518	0.00975	47.6	0.0843	42.8	0.000804	0.000804	0.00000431	0.00586	0.0017	0.113	0.02	0.00000681	15.5	0.0000263	0.000793
2087 Oct	175	0.345	0.518	0.00973	47.6	0.0843	42.8	0.000803	0.000803	0.00000431	0.00585	0.0017	0.113	0.02	0.00000681	15.5	0.0000263	0.000793
2087 Nov	175	0.345	0.518	0.00973	47.6	0.0843	42.8	0.000803	0.000803	0.00000431	0.00585	0.0017	0.113	0.02	0.0000068	15.5	0.0000263	0.000793
2087 Dec	175	0.345	0.518	0.00973	47.6	0.0843	42.8	0.000802	0.000802	0.00000431	0.00585	0.0017	0.113	0.02	0.0000068	15.5	0.0000263	0.000793
2088 Jan	175	0.345	0.518	0.00973	47.6	0.0843	42.8	0.000802	0.000802	0.00000431	0.00585	0.0017	0.113	0.02	0.0000068	15.5	0.0000263	0.000793
2088 Feb	175	0.345	0.518	0.00973	47.6	0.0843	42.8	0.000802	0.000802	0.00000431	0.00585	0.0017	0.113	0.02	0.0000068	15.5	0.0000263	0.000793
2088 Mar	175	0.345	0.518	0.00973	47.6	0.0843	42.8	0.000803	0.000803	0.00000431	0.00585	0.0017	0.113	0.02	0.0000068	15.5	0.0000263	0.000793
2088 Apr	175	0.345	0.518	0.00973	47.6	0.0843	42.8	0.000803	0.000803	0.00000431	0.00586	0.0017	0.113	0.02	0.00000681	15.5	0.0000263	0.000793
2088 May	176	0.345	0.518	0.00974	47.6	0.0843	42.9	0.000803	0.000803	0.00000431	0.00586	0.0017	0.113	0.02	0.00000681	15.5	0.0000263	0.000793
2088 Jun	176	0.345	0.517	0.00972	47.6	0.0843	42.9	0.000802	0.000802	0.0000043	0.00586	0.0017	0.113	0.02	0.0000068	15.5	0.0000263	0.000794
2088 Jul	176	0.345	0.517	0.00972	47.6	0.0844	42.9	0.000803	0.000803	0.00000431	0.00586	0.0017	0.113	0.02	0.00000681	15.5	0.0000263	0.000795
2088 Aug	176	0.345	0.518	0.00973	47.7	0.0845	43	0.000804	0.000804	0.00000431	0.00587	0.00171	0.113	0.0201	0.00000682	15.5	0.0000264	0.000796
2088 Sep	176	0.345	0.517	0.00973	47.7	0.0846	43	0.000804	0.000804	0.00000431	0.00588	0.00171	0.113	0.0201	0.00000682	15.6	0.0000264	0.000797
2088 Oct	176	0.344	0.516	0.00971	47.7	0.0845	43	0.000802	0.000802	0.0000043	0.00587	0.00171	0.113	0.0201	0.00000681	15.5	0.0000264	0.000796
2088 Nov	176	0.344	0.516	0.0097	47.6	0.0845	43	0.000802	0.000802	0.0000043	0.00587	0.00171	0.113	0.0201	0.00000681	15.5	0.0000264	0.000796
2088 Dec	176	0.344	0.516	0.0097	47.6	0.0845	43	0.000802	0.000802	0.0000043	0.00587	0.00171	0.113	0.0201	0.00000681	15.5	0.0000264	0.000796
2089 Jan	176	0.344	0.516	0.0097	47.6	0.0845	43	0.000802	0.000802	0.0000043	0.00587	0.00171	0.113	0.0201	0.00000681	15.5	0.0000264	0.000796
2089 Feb	176	0.344	0.516	0.0097	47.6	0.0845	43	0.000802	0.000802	0.0000043	0.00587	0.00171	0.113	0.0201	0.00000681	15.5	0.0000264	0.000796
2089 Mar	176	0.344	0.516	0.0097	47.6	0.0845	43	0.000802	0.000802	0.0000043	0.00587	0.00171	0.113	0.0201	0.00000681	15.5	0.0000264	0.000796
2089 Apr	176	0.344	0.516	0.0097	47.7	0.0845	43	0.000802	0.000802	0.0000043	0.00587	0.00171	0.113	0.0201	0.00000681	15.5	0.0000264	0.000797
2089 May	176	0.344	0.516	0.0097	47.7	0.0846	43	0.000802	0.000802	0.0000043	0.00587	0.00171	0.113	0.0201	0.00000681	15.5	0.0000264	0.000797
2089 Jun	176	0.344	0.515	0.00969	47.7	0.0845	43	0.000801	0.000801	0.0000043	0.00587	0.00171	0.113	0.0201	0.00000681	15.6	0.0000264	0.000797
2089 Jul	176	0.344	0.515	0.00969	47.7	0.0846	43.1	0.000801	0.000801	0.0000043	0.00588	0.00171	0.113	0.0201	0.00000682	15.6	0.0000264	0.000798
2089 Aug	177	0.344	0.515	0.00969	47.7	0.0847	43.1	0.000802	0.000802	0.0000043	0.00589	0.00171	0.114	0.0201	0.00000682	15.6	0.0000265	0.000799

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2089 Sep	177	0.343	0.515	0.00968	47.7	0.0847	43.2	0.000801	0.000801	0.0000043	0.00589	0.00171	0.114	0.0201	0.00000682	15.6	0.0000265	0.0008
2089 Oct	177	0.342	0.513	0.00965	47.7	0.0847	43.1	0.000799	0.000799	0.00000429	0.00588	0.00171	0.114	0.0201	0.00000681	15.6	0.0000265	0.000799
2089 Nov	177	0.342	0.513	0.00965	47.6	0.0847	43.1	0.000799	0.000799	0.00000429	0.00588	0.00171	0.114	0.0201	0.00000681	15.6	0.0000265	0.000799
2089 Dec	177	0.342	0.513	0.00965	47.6	0.0847	43.1	0.000799	0.000799	0.00000429	0.00588	0.00171	0.114	0.0201	0.00000681	15.6	0.0000265	0.000799
2090 Jan	177	0.342	0.513	0.00965	47.6	0.0847	43.1	0.000799	0.000799	0.00000429	0.00588	0.00171	0.114	0.0201	0.00000681	15.6	0.0000265	0.000799
2090 Feb	177	0.342	0.513	0.00965	47.6	0.0847	43.1	0.000799	0.000799	0.00000429	0.00588	0.00171	0.114	0.0201	0.00000681	15.6	0.0000265	0.000799
2090 Mar	177	0.342	0.513	0.00965	47.6	0.0847	43.1	0.000799	0.000799	0.00000429	0.00588	0.00171	0.114	0.0201	0.00000681	15.6	0.0000265	0.0008
2090 Apr	177	0.342	0.513	0.00965	47.6	0.0847	43.2	0.000799	0.000799	0.00000429	0.00588	0.00171	0.114	0.0201	0.00000681	15.6	0.0000265	0.0008
2090 May	177	0.342	0.512	0.00963	47.6	0.0847	43.2	0.000798	0.000798	0.00000429	0.00588	0.00171	0.114	0.0201	0.00000681	15.6	0.0000265	0.0008
2090 Jun	176	0.34	0.51	0.00959	47.5	0.0846	43.1	0.000795	0.000795	0.00000427	0.00587	0.00171	0.114	0.0201	0.00000679	15.6	0.0000265	0.0008
2090 Jul	177	0.34	0.51	0.00959	47.5	0.0847	43.2	0.000796	0.000796	0.00000427	0.00588	0.00172	0.114	0.0201	0.0000068	15.6	0.0000265	0.000801
2090 Aug	177	0.34	0.509	0.00957	47.5	0.0847	43.2	0.000795	0.000795	0.00000427	0.00588	0.00172	0.114	0.0201	0.00000679	15.6	0.0000265	0.000801
2090 Sep	177	0.339	0.508	0.00955	47.5	0.0847	43.2	0.000793	0.000793	0.00000426	0.00588	0.00172	0.114	0.0201	0.00000678	15.6	0.0000265	0.000801
2090 Oct	177	0.338	0.506	0.00953	47.4	0.0846	43.2	0.000791	0.000791	0.00000425	0.00587	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.000801
2090 Nov	176	0.338	0.506	0.00952	47.4	0.0846	43.2	0.000791	0.000791	0.00000425	0.00587	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.0008
2090 Dec	176	0.338	0.506	0.00952	47.4	0.0846	43.2	0.000791	0.000791	0.00000425	0.00587	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.0008
2091 Jan	176	0.338	0.506	0.00952	47.4	0.0846	43.2	0.000791	0.000791	0.00000425	0.00587	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.0008
2091 Feb	176	0.338	0.506	0.00952	47.4	0.0846	43.2	0.000791	0.000791	0.00000425	0.00587	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.0008
2091 Mar	176	0.338	0.506	0.00952	47.4	0.0846	43.2	0.000791	0.000791	0.00000425	0.00587	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.000801
2091 Apr	177	0.338	0.506	0.00952	47.4	0.0846	43.2	0.000791	0.000791	0.00000425	0.00587	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.000801
2091 May	177	0.338	0.506	0.00952	47.4	0.0846	43.2	0.000791	0.000791	0.00000425	0.00587	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.000801
2091 Jun	177	0.337	0.505	0.00949	47.4	0.0845	43.2	0.00079	0.00079	0.00000424	0.00587	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.000801
2091 Jul	177	0.337	0.505	0.0095	47.5	0.0846	43.2	0.000791	0.000791	0.00000425	0.00588	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.000802
2091 Aug	177	0.337	0.504	0.00949	47.5	0.0847	43.3	0.00079	0.00079	0.00000425	0.00588	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.000802
2091 Sep	177	0.336	0.504	0.00948	47.5	0.0847	43.3	0.000789	0.000789	0.00000424	0.00588	0.00172	0.114	0.0201	0.00000677	15.6	0.0000265	0.000803
2091 Oct	177	0.336	0.503	0.00946	47.4	0.0846	43.3	0.000788	0.000788	0.00000424	0.00588	0.00172	0.114	0.0201	0.00000676	15.6	0.0000265	0.000803
2091 Nov	177	0.335	0.502	0.00945	47.4	0.0846	43.2	0.000787	0.000787	0.00000423	0.00587	0.00172	0.114	0.0201	0.00000676	15.6	0.0000265	0.000802
2091 Dec	177	0.335	0.502	0.00945	47.4	0.0846	43.2	0.000787	0.000787	0.00000423	0.00587	0.00172	0.114	0.0201	0.00000676	15.6	0.0000265	0.000802
2092 Jan	177	0.335	0.502	0.00945	47.4	0.0846	43.2	0.000787	0.000787	0.00000423	0.00587	0.00172	0.114	0.0201	0.00000676	15.6	0.0000265	0.000802
2092 Feb	177	0.335	0.502	0.00945	47.4	0.0846	43.2	0.000787	0.000787	0.00000423	0.00587	0.00172	0.114	0.0201	0.00000676	15.6	0.0000265	0.000802
2092 Mar	177	0.335	0.502	0.00945	47.4	0.0846	43.2	0.000787	0.000787	0.00000423	0.00587	0.00172	0.114	0.0201	0.00000676	15.6	0.0000265	0.000802
2092 Apr	177	0.335	0.502	0.00945	47.4	0.0846	43.2	0.000787	0.000787	0.00000423	0.00587	0.00172	0.114	0.0201	0.00000676	15.6	0.0000265	0.000803
2092 May	177	0.335	0.501	0.00944	47.3	0.0846	43.3	0.000786	0.000786	0.00000423	0.00587	0.00172	0.114	0.0201	0.00000676	15.6	0.0000265	0.000803
2092 Jun	177	0.333	0.499	0.00939	47.2	0.0844	43.2	0.000783	0.000783	0.00000421	0.00586	0.00172	0.114	0.0201	0.00000674	15.6	0.0000265	0.000802
2092 Jul	177	0.333	0.498	0.00938	47.2	0.0845	43.2	0.000783	0.000783	0.00000421	0.00586	0.00172	0.114	0.0201	0.00000674	15.6	0.0000265	0.000802
2092 Aug	177	0.333	0.498	0.00938	47.3	0.0845	43.3	0.000783	0.000783	0.00000421	0.00587	0.00172	0.114	0.0201	0.00000674	15.6	0.0000265	0.000803
2092 Sep	177	0.332	0.497	0.00936	47.3	0.0846	43.3	0.000782	0.000782	0.00000421	0.00587	0.00172	0.114	0.0201	0.00000674	15.6	0.0000265	0.000804
2092 Oct	177	0.332	0.497	0.00935	47.2	0.0845	43.3	0.000781	0.000781	0.0000042	0.00587	0.00172	0.114	0.0201	0.00000673	15.6	0.0000265	0.000804
2092 Nov	177	0.332	0.497	0.00935	47.2	0.0845	43.3	0.000781	0.000781	0.0000042	0.00587	0.00172	0.114	0.0201	0.00000673	15.6	0.0000265	0.000804
2092 Dec	177	0.332	0.497	0.00935	47.2	0.0845	43.3	0.000781	0.000781	0.0000042	0.00587	0.00172	0.114	0.0201	0.00000673	15.6	0.0000265	0.000804
2093 Jan	177	0.332	0.497	0.00935	47.2	0.0845	43.3	0.000781	0.000781	0.0000042	0.00587	0.00172	0.114	0.0201	0.00000673	15.6	0.0000265	0.000804
2093 Feb	177	0.332	0.497	0.00935	47.2	0.0845	43.3	0.000781	0.000781	0.0000042	0.00587	0.00172	0.114	0.0201	0.00000673	15.6	0.0000265	0.000804
2093 Mar	177	0.332	0.497	0.00935	47.2	0.0845	43.3	0.000781	0.000781	0.0000042	0.00587	0.00172	0.114	0.0201	0.00000673	15.6	0.0000265	0.000804
2093 Apr	177	0.332	0.497	0.00935	47.2	0.0846	43.3	0.000781	0.000781	0.0000042	0.00587	0.00172	0.114	0.0201	0.00000673	15.6	0.0000265	0.000804
2093 May	177	0.332	0.496	0.00934	47.2	0.0846	43.3	0.000781	0.000781	0.0000042	0.00587	0.00172	0.114	0.0202	0.00000673	15.6	0.0000265	0.000804
2093 Jun	177	0.331	0.495	0.00932	47.2	0.0845	43.3	0.000779	0.000779	0.00000419	0.00586	0.00172	0.114	0.0201	0.00000672	15.6	0.0000265	0.000804
2093 Jul	177	0.331	0.495	0.00932	47.2	0.0846	43.3	0.00078	0.00078	0.0000042	0.00587	0.00173	0.114	0.0202	0.00000673	15.6	0.0000266	0.000805
2093 Aug	177	0.331	0.495	0.00932	47.3	0.0847	43.4	0.00078	0.00078	0.0000042	0.00588	0.00173	0.114	0.0202	0.00000674	15.6	0.0000266	0.000806
2093 Sep	177	0.331	0.495	0.00931	47.3	0.0847	43.4	0.00078	0.00078	0.0000042	0.00588	0.00173	0.114	0.0202	0.00000673	15.6	0.0000266	0.000806
2093 Oct	177	0.33	0.493	0.00929	47.2	0.0846	43.4	0.000778	0.000778	0.00000419	0.00587	0.00173	0.114	0.0202	0.00000672	15.6	0.0000266	0.000806
2093 Nov	177	0.33	0.493	0.00928	47.2	0.0846	43.4	0.000778	0.000778	0.00000419	0.00587	0.00173	0.114	0.0202	0.00000672	15.6	0.0000266	0.000806
2093 Dec	177	0.33	0.493	0.00928	47.2	0.0846	43.4	0.000778	0.000778	0.00000419	0.00587	0.00173	0.114	0.0202	0.00000672	15.6	0.0000266	0.000806
2094 Jan	177	0.33	0.493	0.00928	47.2	0.0846	43.4	0.000778	0.000778	0.00000419	0.00587	0.00173	0.114	0.0202	0.00000672	15.6	0.0000266	0.000806
2094 Feb	177	0.33	0.493	0.00928	47.2	0.0846	43.4	0.000778	0.000778	0.00000419	0.00587	0.00173	0.114	0.0202	0.00000672	15.6	0.0000266	0.000806
2094 Mar	177	0.33	0.493	0.00928	47.2	0.0846	43.4	0.000778	0.000778	0.00000419	0.00587	0.00173	0.114	0.0202	0.00000672	15.6	0.0000266	0.000806
2094 Apr	177	0.33	0.493	0.00928	47.2	0.0846	43.4	0.000778	0.000778	0.00000419	0.00587	0.00173	0.114	0.0202	0.00000672	15.6	0.0000266	0.000806
2094 May	177	0.329	0.492	0.00927	47.1	0.0846	43.4	0.000777	0.000777	0.00000418	0.00587	0.00173	0.114	0.0202	0.00000672	15.6	0.0000266	0.000806
2094 Jun	177	0.329	0.491	0.00925	47.1	0.0846	43.4	0.000776	0.000776	0.00000418	0.00587	0.00173	0.114	0.0202	0.00000671	15.6	0.0000266	0.000806
2094 Jul	178	0.329	0.492	0.00926	47.2	0.0847	43.5	0.000777	0.000777	0.00000418	0.00588	0.00173	0.115	0.0202	0.00000672	15.6	0.0000266	0.000808
2094 Aug	178	0.329	0.492	0.00927	47.3	0.0848	43.5	0.000778	0.000778	0.00000419	0.00589	0.00173	0.115	0.0202	0.00000673	15.7	0.0000267	0.000809
2094 Sep	178	0.329	0.492	0.00926	47.3	0.0848	43.5	0.000777	0.000777	0.00000419	0.00589	0.00173	0.115	0.0203	0.00000673	15.7	0.0000267	0.000809
2094 Oct	178	0.328	0.491	0.00924	47.2	0.0848	43.5	0.000776	0.000776	0.00000418	0.00588	0.00173	0.115	0.0202	0.00000672	15.7	0.0000267	0.000809
2094 Nov	178	0.328	0.49	0.00922	47.1	0.0847	43.5	0.000775	0.000775	0.00000417	0.00588	0.00173	0.115	0.0202	0.00000672	15.6	0.0000266	0.000809
2094 Dec	178	0.327	0.49	0.00922	47.1	0.0847	43.5	0.000774	0.000774	0.00000417	0.00588	0.00173	0.115	0.0202	0.00000671	15.6	0.0000266	0.000809
2095 Jan	178	0.327	0.49	0.00922	47.1	0.0847	43.5	0.000774	0.000774	0.00000417	0.00588	0.00173	0.115	0.0202	0.00000671	15.6	0.0000266	0.000809
2095 Feb	178	0.327	0.49	0.00922	47.1	0.0847	43.5	0.000774	0.000774	0.00000417	0.00588	0.00173	0.115	0.0202	0.00000671	15.6	0.0000266	0.000809
2095 Mar	178	0.327	0.49	0.00922	47.1	0.0847	43.5	0.000774	0.000774	0.00000417	0.00588	0.00173	0.115	0.0202	0.00000671	15.6	0.0000266	0.000809

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2095 Apr	178	0.328	0.49	0.00922	47.1	0.0847	43.5	0.000775	0.000775	0.00000417	0.00588	0.00173	0.115	0.0202	0.00000672	15.6	0.0000266	0.000809
2095 May	178	0.327	0.49	0.00922	47.2	0.0847	43.5	0.000774	0.000774	0.00000417	0.00588	0.00173	0.115	0.0202	0.00000671	15.6	0.0000266	0.000809
2095 Jun	178	0.327	0.489	0.00921	47.2	0.0847	43.5	0.000774	0.000774	0.00000417	0.00588	0.00173	0.115	0.0202	0.00000671	15.7	0.0000267	0.000809
2095 Jul	178	0.327	0.49	0.00922	47.2	0.0849	43.6	0.000775	0.000775	0.00000417	0.00589	0.00174	0.115	0.0203	0.00000672	15.7	0.0000267	0.000811
2095 Aug	178	0.327	0.489	0.00921	47.2	0.0849	43.6	0.000774	0.000774	0.00000417	0.00589	0.00174	0.115	0.0203	0.00000672	15.7	0.0000267	0.000811
2095 Sep	178	0.327	0.488	0.0092	47.2	0.0849	43.6	0.000774	0.000774	0.00000417	0.00589	0.00174	0.115	0.0203	0.00000672	15.7	0.0000267	0.000812
2095 Oct	178	0.326	0.488	0.00919	47.2	0.0849	43.6	0.000773	0.000773	0.00000417	0.00589	0.00174	0.115	0.0203	0.00000672	15.7	0.0000267	0.000812
2095 Nov	178	0.326	0.487	0.00918	47.2	0.0849	43.6	0.000773	0.000773	0.00000416	0.00589	0.00174	0.115	0.0203	0.00000671	15.7	0.0000267	0.000811
2095 Dec	178	0.326	0.487	0.00918	47.2	0.0849	43.6	0.000772	0.000772	0.00000416	0.00589	0.00174	0.115	0.0203	0.00000671	15.7	0.0000267	0.000811
2096 Jan	178	0.326	0.487	0.00918	47.2	0.0849	43.6	0.000772	0.000772	0.00000416	0.00589	0.00174	0.115	0.0203	0.00000671	15.7	0.0000267	0.000811
2096 Feb	178	0.326	0.487	0.00918	47.2	0.0849	43.6	0.000772	0.000772	0.00000416	0.00589	0.00174	0.115	0.0203	0.00000671	15.7	0.0000267	0.000811
2096 Mar	178	0.326	0.487	0.00918	47.2	0.0849	43.6	0.000772	0.000772	0.00000416	0.00589	0.00174	0.115	0.0203	0.00000671	15.7	0.0000267	0.000811
2096 Apr	178	0.326	0.487	0.00918	47.2	0.0849	43.6	0.000773	0.000773	0.00000416	0.00589	0.00174	0.115	0.0203	0.00000671	15.7	0.0000267	0.000812
2096 May	178	0.325	0.486	0.00916	47.1	0.0849	43.6	0.000771	0.000771	0.00000416	0.00588	0.00174	0.115	0.0203	0.00000671	15.7	0.0000267	0.000812
2096 Jun	178	0.324	0.484	0.00912	47	0.0847	43.6	0.000769	0.000769	0.00000414	0.00587	0.00174	0.115	0.0202	0.00000669	15.6	0.0000267	0.000811
2096 Jul	178	0.324	0.484	0.00912	47.1	0.0848	43.6	0.000769	0.000769	0.00000414	0.00588	0.00174	0.115	0.0203	0.0000067	15.7	0.0000267	0.000812
2096 Aug	179	0.324	0.485	0.00913	47.1	0.0849	43.7	0.00077	0.00077	0.00000415	0.00589	0.00174	0.115	0.0203	0.0000067	15.7	0.0000267	0.000813
2096 Sep	179	0.324	0.484	0.00912	47.1	0.0849	43.7	0.000769	0.000769	0.00000415	0.00589	0.00174	0.115	0.0203	0.0000067	15.7	0.0000267	0.000813
2096 Oct	178	0.323	0.483	0.0091	47.1	0.0848	43.6	0.000768	0.000768	0.00000414	0.00588	0.00174	0.115	0.0203	0.00000669	15.7	0.0000267	0.000812
2096 Nov	178	0.323	0.483	0.00909	47.1	0.0848	43.6	0.000767	0.000767	0.00000414	0.00588	0.00174	0.115	0.0203	0.00000669	15.7	0.0000267	0.000812
2096 Dec	178	0.323	0.483	0.00909	47	0.0848	43.6	0.000767	0.000767	0.00000414	0.00588	0.00174	0.115	0.0203	0.00000669	15.7	0.0000267	0.000812
2097 Jan	178	0.323	0.483	0.00909	47	0.0848	43.6	0.000767	0.000767	0.00000414	0.00588	0.00174	0.115	0.0203	0.00000669	15.7	0.0000267	0.000812
2097 Feb	178	0.323	0.483	0.00909	47	0.0848	43.6	0.000767	0.000767	0.00000414	0.00588	0.00174	0.115	0.0203	0.00000669	15.7	0.0000267	0.000812
2097 Mar	178	0.323	0.483	0.00909	47	0.0848	43.6	0.000767	0.000767	0.00000414	0.00588	0.00174	0.115	0.0203	0.00000669	15.7	0.0000267	0.000812
2097 Apr	178	0.323	0.483	0.00909	47.1	0.0848	43.6	0.000767	0.000767	0.00000414	0.00588	0.00174	0.115	0.0203	0.00000669	15.7	0.0000267	0.000812
2097 May	179	0.323	0.483	0.00909	47.1	0.0848	43.7	0.000768	0.000768	0.00000414	0.00588	0.00174	0.115	0.0203	0.00000669	15.7	0.0000267	0.000813
2097 Jun	179	0.323	0.482	0.00908	47.1	0.0848	43.7	0.000767	0.000767	0.00000413	0.00588	0.00174	0.115	0.0203	0.00000669	15.7	0.0000267	0.000813
2097 Jul	179	0.323	0.482	0.00909	47.1	0.0849	43.7	0.000768	0.000768	0.00000414	0.00589	0.00174	0.115	0.0203	0.0000067	15.7	0.0000268	0.000814
2097 Aug	179	0.323	0.483	0.00909	47.2	0.085	43.8	0.000768	0.000768	0.00000414	0.0059	0.00175	0.115	0.0203	0.0000067	15.7	0.0000268	0.000815
2097 Sep	179	0.323	0.482	0.00909	47.2	0.085	43.8	0.000768	0.000768	0.00000414	0.0059	0.00175	0.115	0.0203	0.0000067	15.7	0.0000268	0.000815
2097 Oct	179	0.323	0.482	0.00908	47.2	0.085	43.8	0.000768	0.000768	0.00000414	0.0059	0.00175	0.115	0.0203	0.0000067	15.7	0.0000268	0.000815
2097 Nov	179	0.322	0.482	0.00908	47.2	0.085	43.8	0.000767	0.000767	0.00000414	0.0059	0.00175	0.115	0.0203	0.0000067	15.7	0.0000268	0.000815
2097 Dec	179	0.322	0.482	0.00908	47.2	0.085	43.8	0.000767	0.000767	0.00000414	0.0059	0.00175	0.115	0.0203	0.0000067	15.7	0.0000268	0.000815
2098 Jan	179	0.322	0.482	0.00908	47.2	0.085	43.8	0.000767	0.000767	0.00000414	0.0059	0.00175	0.115	0.0203	0.0000067	15.7	0.0000268	0.000815
2098 Feb	179	0.322	0.482	0.00908	47.2	0.085	43.8	0.000767	0.000767	0.00000414	0.0059	0.00175	0.115	0.0203	0.0000067	15.7	0.0000268	0.000815
2098 Mar	179	0.322	0.482	0.00908	47.2	0.085	43.8	0.000767	0.000767	0.00000414	0.0059	0.00175	0.115	0.0203	0.0000067	15.7	0.0000268	0.000815
2098 Apr	179	0.322	0.482	0.00908	47.2	0.085	43.8	0.000767	0.000767	0.00000414	0.0059	0.00175	0.115	0.0203	0.0000067	15.7	0.0000268	0.000815
2098 May	179	0.322	0.481	0.00907	47.2	0.085	43.8	0.000767	0.000767	0.00000414	0.0059	0.00175	0.115	0.0203	0.0000067	15.7	0.0000268	0.000815
2098 Jun	179	0.321	0.479	0.00903	47.2	0.0848	43.7	0.000765	0.000765	0.00000413	0.00589	0.00174	0.115	0.0203	0.00000668	15.7	0.0000268	0.000814
2098 Jul	179	0.321	0.48	0.00904	47.2	0.0849	43.8	0.000766	0.000766	0.00000413	0.0059	0.00175	0.115	0.0204	0.00000669	15.7	0.0000268	0.000816
2098 Aug	179	0.321	0.48	0.00904	47.3	0.085	43.8	0.000766	0.000766	0.00000413	0.0059	0.00175	0.115	0.0204	0.00000669	15.7	0.0000268	0.000816
2098 Sep	179	0.32	0.478	0.00902	47.2	0.0849	43.8	0.000765	0.000765	0.00000412	0.0059	0.00175	0.115	0.0204	0.00000668	15.7	0.0000268	0.000816
2098 Oct	179	0.32	0.477	0.00899	47.2	0.0848	43.7	0.000763	0.000763	0.00000412	0.00589	0.00175	0.115	0.0203	0.00000667	15.7	0.0000268	0.000815
2098 Nov	179	0.319	0.477	0.00898	47.1	0.0848	43.7	0.000762	0.000762	0.00000411	0.00589	0.00175	0.115	0.0203	0.00000667	15.7	0.0000268	0.000815
2098 Dec	179	0.319	0.476	0.00898	47.1	0.0848	43.7	0.000762	0.000762	0.00000411	0.00589	0.00175	0.115	0.0203	0.00000667	15.7	0.0000268	0.000815
2099 Jan	179	0.319	0.476	0.00898	47.1	0.0848	43.7	0.000762	0.000762	0.00000411	0.00589	0.00175	0.115	0.0203	0.00000667	15.7	0.0000268	0.000815
2099 Feb	179	0.319	0.476	0.00898	47.1	0.0848	43.7	0.000762	0.000762	0.00000411	0.00589	0.00175	0.115	0.0203	0.00000667	15.7	0.0000268	0.000815
2099 Mar	179	0.319	0.476	0.00898	47.1	0.0848	43.7	0.000762	0.000762	0.00000411	0.00589	0.00175	0.115	0.0203	0.00000667	15.7	0.0000268	0.000815
2099 Apr	179	0.319	0.477	0.00898	47.1	0.0848	43.7	0.000762	0.000762	0.00000411	0.00589	0.00175	0.115	0.0203	0.00000667	15.7	0.0000268	0.000815
2099 May	179	0.319	0.476	0.00897	47.1	0.0847	43.7	0.000761	0.000761	0.00000411	0.00588	0.00175	0.115	0.0203	0.00000666	15.7	0.0000267	0.000815
2099 Jun	179	0.318	0.475	0.00895	47.1	0.0847	43.7	0.00076	0.00076	0.0000041	0.00588	0.00175	0.115	0.0203	0.00000666	15.7	0.0000267	0.000815
2099 Jul	179	0.318	0.475	0.00896	47.2	0.0848	43.7	0.000761	0.000761	0.00000411	0.00589	0.00175	0.115	0.0204	0.00000667	15.7	0.0000268	0.000816
2099 Aug	180	0.318	0.475	0.00896	47.2	0.0849	43.8	0.000762	0.000762	0.00000411	0.0059	0.00175	0.115	0.0204	0.00000667	15.8	0.0000268	0.000817
2099 Sep	179	0.318	0.474	0.00894	47.2	0.0848	43.8	0.000761	0.000761	0.00000411	0.00589	0.00175	0.115	0.0204	0.00000667	15.8	0.0000268	0.000817
2099 Oct	179	0.317	0.474	0.00893	47.2	0.0848	43.8	0.00076	0.00076	0.0000041	0.00589	0.00175	0.115	0.0204	0.00000666	15.7	0.0000268	0.000817
2099 Nov	179	0.317	0.473	0.00892	47.1	0.0847	43.7	0.000759	0.000759	0.0000041	0.00589	0.00175	0.115	0.0204	0.00000666	15.7	0.0000268	0.000816
2099 Dec	179	0.317	0.473	0.00892	47.1	0.0847	43.7	0.000759	0.000759	0.0000041	0.00589	0.00175	0.115	0.0204	0.00000666	15.7	0.0000268	0.000816
2100 Jan	179	0.317	0.473	0.00892	47.1	0.0847	43.7	0.000759	0.000759	0.0000041	0.00589	0.00175	0.115	0.0204	0.00000666	15.7	0.0000268	0.000816
2100 Feb	179	0.317	0.473	0.00892	47.1	0.0847	43.7	0.000759	0.000759	0.0000041	0.00589	0.00175	0.115	0.0204	0.00000666	15.7	0.0000268	0.000816
2100 Mar	179	0.317	0.473	0.00892	47.1	0.0847	43.7	0.000759	0.000759	0.0000041	0.00589	0.00175	0.115	0.0204	0.00000666	15.7	0.0000268	0.000816
2100 Apr	179	0.317	0.473	0.00892	47.1	0.0847	43.7	0.000759	0.000759	0.0000041	0.00589	0.00175	0.115	0.0204	0.00000666	15.7	0.0000268	0.000816
2100 May	179	0.317	0.473	0.00891	47.1	0.0847	43.7	0.000758	0.000758	0.00000409	0.00589	0.00175	0.115	0.0204	0.00000665	15.7	0.0000268	0.000816
2100 Jun	179	0.316	0.471	0.00888	47.1	0.0846	43.7	0.000756	0.000756	0.00000408	0.00588	0.00175	0.115	0.0204	0.00000664	15.7	0.0000267	0.000815
2100 Jul	179	0.315	0.471	0.00887	47.1	0.0846	43.7	0.000756	0.000756	0.00000408	0.00588	0.00175	0.115	0.0204	0.00000664	15.7	0.0000268	0.000816
2100 Aug	179	0.315	0.47	0.00886	47.1	0.0846	43.7	0.000756	0.000756	0.00000408	0.00588	0.00175	0.115	0.0204	0.00000664	15.7	0.0000268	0.000816
2100 Sep	179	0.315	0.469	0.00885	47.1	0.0846	43.7	0.000755	0.000755	0.00000408	0.00588	0.00175	0.115	0.0204	0.00000664	15.7	0.0000268	0.000816
2100 Oct	179	0.314	0.469	0.00885	47.1	0.0846	43.7	0.000755	0.000755	0.00000408	0.00588	0.00175	0.115	0.0204	0.00000663	15.7	0.0000268	0.000816

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2100 Nov	179	0.314	0.469	0.00884	47.1	0.0846	43.7	0.000755	0.000755	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.7	0.0000268	0.000816
2100 Dec	179	0.314	0.469	0.00884	47.1	0.0846	43.7	0.000755	0.000755	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.7	0.0000268	0.000816
2101 Jan	179	0.314	0.469	0.00884	47.1	0.0846	43.7	0.000755	0.000755	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.7	0.0000268	0.000816
2101 Feb	179	0.314	0.469	0.00884	47.1	0.0846	43.7	0.000755	0.000755	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.7	0.0000268	0.000816
2101 Mar	179	0.314	0.469	0.00884	47.1	0.0846	43.7	0.000755	0.000755	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.7	0.0000268	0.000816
2101 Apr	179	0.314	0.469	0.00884	47.1	0.0846	43.7	0.000755	0.000755	0.00000408	0.00588	0.00175	0.115	0.0204	0.00000663	15.7	0.0000268	0.000816
2101 May	179	0.314	0.469	0.00884	47.1	0.0846	43.7	0.000755	0.000755	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.7	0.0000268	0.000817
2101 Jun	179	0.314	0.468	0.00882	47.1	0.0845	43.7	0.000753	0.000753	0.00000407	0.00587	0.00175	0.115	0.0204	0.00000662	15.7	0.0000267	0.000816
2101 Jul	180	0.314	0.468	0.00883	47.1	0.0846	43.7	0.000754	0.000754	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.8	0.0000268	0.000817
2101 Aug	180	0.314	0.468	0.00883	47.2	0.0847	43.8	0.000755	0.000755	0.00000408	0.00589	0.00175	0.115	0.0204	0.00000664	15.8	0.0000268	0.000818
2101 Sep	180	0.314	0.468	0.00882	47.2	0.0847	43.8	0.000754	0.000754	0.00000407	0.00589	0.00175	0.115	0.0204	0.00000664	15.8	0.0000268	0.000818
2101 Oct	180	0.313	0.467	0.00881	47.2	0.0847	43.8	0.000754	0.000754	0.00000407	0.00589	0.00175	0.115	0.0204	0.00000663	15.8	0.0000268	0.000818
2101 Nov	180	0.313	0.467	0.0088	47.1	0.0846	43.8	0.000753	0.000753	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.8	0.0000268	0.000818
2101 Dec	180	0.313	0.467	0.0088	47.1	0.0846	43.8	0.000753	0.000753	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.8	0.0000268	0.000818
2102 Jan	180	0.313	0.467	0.0088	47.1	0.0846	43.8	0.000753	0.000753	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.8	0.0000268	0.000818
2102 Feb	180	0.313	0.467	0.0088	47.1	0.0846	43.8	0.000753	0.000753	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.8	0.0000268	0.000818
2102 Mar	180	0.313	0.467	0.0088	47.1	0.0846	43.8	0.000753	0.000753	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.8	0.0000268	0.000818
2102 Apr	180	0.313	0.467	0.0088	47.1	0.0846	43.8	0.000753	0.000753	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.8	0.0000268	0.000818
2102 May	180	0.313	0.467	0.0088	47.1	0.0846	43.8	0.000753	0.000753	0.00000407	0.00588	0.00175	0.115	0.0204	0.00000663	15.8	0.0000268	0.000818
2102 Jun	180	0.312	0.465	0.00877	47.1	0.0845	43.7	0.000751	0.000751	0.00000406	0.00588	0.00175	0.115	0.0204	0.00000662	15.7	0.0000268	0.000817
2102 Jul	180	0.312	0.465	0.00877	47.1	0.0845	43.7	0.000751	0.000751	0.00000406	0.00588	0.00175	0.115	0.0204	0.00000662	15.7	0.0000268	0.000818
2102 Aug	180	0.312	0.465	0.00877	47.1	0.0846	43.8	0.000751	0.000751	0.00000406	0.00588	0.00175	0.115	0.0204	0.00000662	15.8	0.0000268	0.000818
2102 Sep	180	0.312	0.465	0.00877	47.2	0.0846	43.8	0.000751	0.000751	0.00000406	0.00589	0.00175	0.115	0.0204	0.00000662	15.8	0.0000268	0.000819
2102 Oct	180	0.311	0.464	0.00875	47.1	0.0845	43.7	0.00075	0.00075	0.00000405	0.00588	0.00175	0.115	0.0204	0.00000661	15.7	0.0000268	0.000818
2102 Nov	180	0.311	0.464	0.00875	47.1	0.0845	43.7	0.00075	0.00075	0.00000405	0.00588	0.00175	0.115	0.0204	0.00000661	15.7	0.0000268	0.000818
2102 Dec	180	0.311	0.464	0.00875	47.1	0.0845	43.7	0.00075	0.00075	0.00000405	0.00588	0.00175	0.115	0.0204	0.00000661	15.7	0.0000268	0.000818
2103 Jan	180	0.311	0.464	0.00875	47.1	0.0845	43.7	0.00075	0.00075	0.00000405	0.00588	0.00175	0.115	0.0204	0.00000661	15.7	0.0000268	0.000818
2103 Feb	180	0.311	0.464	0.00875	47.1	0.0845	43.7	0.00075	0.00075	0.00000405	0.00588	0.00175	0.115	0.0204	0.00000661	15.7	0.0000268	0.000818
2103 Mar	180	0.311	0.464	0.00875	47.1	0.0845	43.7	0.00075	0.00075	0.00000405	0.00588	0.00175	0.115	0.0204	0.00000661	15.7	0.0000268	0.000818
2103 Apr	180	0.311	0.464	0.00875	47.1	0.0845	43.8	0.000751	0.000751	0.00000405	0.00588	0.00175	0.115	0.0204	0.00000662	15.8	0.0000268	0.000818
2103 May	180	0.31	0.463	0.00873	47.1	0.0845	43.7	0.000749	0.000749	0.00000405	0.00588	0.00175	0.115	0.0204	0.00000661	15.7	0.0000268	0.000818
2103 Jun	180	0.309	0.461	0.0087	47	0.0843	43.7	0.000748	0.000748	0.00000404	0.00587	0.00175	0.115	0.0204	0.0000066	15.7	0.0000267	0.000817
2103 Jul	180	0.309	0.461	0.0087	47.1	0.0844	43.7	0.000748	0.000748	0.00000404	0.00587	0.00175	0.115	0.0204	0.0000066	15.7	0.0000268	0.000818
2103 Aug	180	0.309	0.461	0.00869	47.1	0.0844	43.7	0.000747	0.000747	0.00000404	0.00587	0.00175	0.115	0.0204	0.0000066	15.7	0.0000268	0.000818
2103 Sep	180	0.308	0.46	0.00868	47.1	0.0843	43.7	0.000746	0.000746	0.00000403	0.00587	0.00175	0.115	0.0204	0.00000659	15.7	0.0000267	0.000817
2103 Oct	180	0.308	0.459	0.00866	47	0.0842	43.6	0.000745	0.000745	0.00000403	0.00587	0.00175	0.115	0.0203	0.00000658	15.7	0.0000267	0.000817
2103 Nov	180	0.308	0.458	0.00865	47	0.0842	43.6	0.000745	0.000745	0.00000402	0.00586	0.00175	0.115	0.0203	0.00000658	15.7	0.0000267	0.000816
2103 Dec	180	0.308	0.458	0.00865	47	0.0842	43.6	0.000745	0.000745	0.00000402	0.00586	0.00175	0.115	0.0203	0.00000658	15.7	0.0000267	0.000816
2104 Jan	180	0.308	0.458	0.00865	47	0.0842	43.6	0.000745	0.000745	0.00000402	0.00586	0.00175	0.115	0.0203	0.00000658	15.7	0.0000267	0.000816
2104 Feb	180	0.308	0.458	0.00865	47	0.0842	43.6	0.000745	0.000745	0.00000402	0.00586	0.00175	0.115	0.0203	0.00000658	15.7	0.0000267	0.000816
2104 Mar	180	0.308	0.458	0.00865	47	0.0842	43.6	0.000745	0.000745	0.00000402	0.00586	0.00175	0.115	0.0203	0.00000658	15.7	0.0000267	0.000816
2104 Apr	180	0.308	0.458	0.00865	47	0.0842	43.6	0.000745	0.000745	0.00000402	0.00586	0.00175	0.115	0.0203	0.00000658	15.7	0.0000267	0.000817
2104 May	180	0.307	0.458	0.00864	47	0.0842	43.6	0.000744	0.000744	0.00000402	0.00586	0.00175	0.115	0.0203	0.00000658	15.7	0.0000267	0.000817
2104 Jun	180	0.306	0.456	0.00861	47	0.0841	43.6	0.000743	0.000743	0.00000401	0.00586	0.00175	0.115	0.0203	0.00000656	15.7	0.0000267	0.000816
2104 Jul	180	0.306	0.456	0.00862	47	0.0841	43.6	0.000743	0.000743	0.00000402	0.00586	0.00175	0.115	0.0203	0.00000657	15.7	0.0000267	0.000817
2104 Aug	180	0.306	0.456	0.00861	47	0.0842	43.6	0.000743	0.000743	0.00000402	0.00587	0.00175	0.115	0.0204	0.00000657	15.7	0.0000267	0.000817
2104 Sep	180	0.306	0.456	0.0086	47	0.0841	43.6	0.000742	0.000742	0.00000401	0.00586	0.00175	0.115	0.0204	0.00000657	15.7	0.0000267	0.000817
2104 Oct	180	0.305	0.455	0.00859	47	0.0841	43.6	0.000741	0.000741	0.00000401	0.00586	0.00175	0.115	0.0203	0.00000656	15.7	0.0000267	0.000816
2104 Nov	180	0.305	0.454	0.00858	47	0.084	43.6	0.000741	0.000741	0.00000401	0.00586	0.00175	0.115	0.0203	0.00000656	15.7	0.0000267	0.000816
2104 Dec	180	0.305	0.454	0.00858	47	0.084	43.6	0.000741	0.000741	0.00000401	0.00586	0.00175	0.115	0.0203	0.00000656	15.7	0.0000267	0.000816
2105 Jan	180	0.305	0.454	0.00858	47	0.084	43.6	0.000741	0.000741	0.00000401	0.00586	0.00175	0.115	0.0203	0.00000656	15.7	0.0000267	0.000816
2105 Feb	180	0.305	0.454	0.00858	47	0.084	43.6	0.000741	0.000741	0.00000401	0.00586	0.00175	0.115	0.0203	0.00000656	15.7	0.0000267	0.000816
2105 Mar	180	0.305	0.454	0.00858	47	0.084	43.6	0.000741	0.000741	0.00000401	0.00586	0.00175	0.115	0.0203	0.00000656	15.7	0.0000267	0.000816
2105 Apr	180	0.305	0.454	0.00858	47	0.084	43.6	0.000741	0.000741	0.00000401	0.00586	0.00175	0.115	0.0203	0.00000656	15.7	0.0000267	0.000816
2105 May	180	0.305	0.454	0.00857	46.9	0.084	43.6	0.000741	0.000741	0.000004	0.00586	0.00175	0.115	0.0203	0.00000655	15.7	0.0000267	0.000816
2105 Jun	180	0.304	0.453	0.00856	46.9	0.084	43.6	0.00074	0.00074	0.000004	0.00585	0.00175	0.115	0.0203	0.00000655	15.7	0.0000267	0.000816
2105 Jul	180	0.305	0.454	0.00856	47	0.0841	43.6	0.00074	0.00074	0.000004	0.00586	0.00175	0.115	0.0204	0.00000656	15.7	0.0000267	0.000817
2105 Aug	180	0.304	0.453	0.00855	47	0.084	43.6	0.000739	0.000739	0.000004	0.00586	0.00175	0.115	0.0204	0.00000655	15.7	0.0000267	0.000817
2105 Sep	180	0.303	0.451	0.00852	46.9	0.0839	43.5	0.000738	0.000738	0.00000399	0.00585	0.00175	0.115	0.0203	0.00000654	15.7	0.0000267	0.000816
2105 Oct	180	0.302	0.45	0.0085	46.9	0.0838	43.5	0.000736	0.000736	0.00000398	0.00584	0.00175	0.115	0.0203	0.00000653	15.7	0.0000266	0.000816
2105 Nov	180	0.302	0.45	0.00849	46.8	0.0838	43.5	0.000736	0.000736	0.00000398	0.00584	0.00175	0.115	0.0203	0.00000652	15.7	0.0000266	0.000815
2105 Dec	180	0.302	0.45	0.00849	46.8	0.0838	43.5	0.000736	0.000736	0.00000398	0.00584	0.00175	0.115	0.0203	0.00000652	15.7	0.0000266	0.000815
2106 Jan	180	0.302	0.45	0.00849	46.8	0.0838	43.5	0.000736	0.000736	0.00000398	0.00584	0.00175	0.115	0.0203	0.00000652	15.7	0.0000266	0.000815
2106 Feb	180	0.302	0.45	0.00849	46.8	0.0838	43.5	0.000736	0.000736	0.00000398	0.00584	0.00175	0.115	0.0203	0.00000652	15.7	0.0000266	0.000815
2106 Mar	180	0.302	0.45	0.00849	46.8	0.0838	43.5	0.000736	0.000736	0.00000398	0.00584	0.00175	0.115	0.0203	0.00000652	15.7	0.0000266	0.000815
2106 Apr	180	0.302	0.45	0.00849	46.8	0.0838	43.5	0.000736	0.000736	0.00000398	0.00584	0.00175	0.115	0.0203	0.00000653	15.7	0.0000266	0.000815
2106 May	180	0.302	0.45	0.00849	46.8	0.0838	43.5	0.000736	0.000736	0.00000398	0.00584	0.00175	0.115	0.0203	0.00000652	15.7	0.0000266	0.000815

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2106 Jun	179	0.301	0.448	0.00846	46.8	0.0837	43.4	0.000734	0.000734	0.00000397	0.00583	0.00175	0.114	0.0203	0.00000651	15.7	0.0000266	0.000814
2106 Jul	180	0.301	0.448	0.00846	46.8	0.0837	43.5	0.000734	0.000734	0.00000397	0.00584	0.00175	0.115	0.0203	0.00000652	15.7	0.0000266	0.000815
2106 Aug	180	0.3	0.447	0.00845	46.8	0.0837	43.5	0.000733	0.000733	0.00000397	0.00584	0.00175	0.115	0.0203	0.00000651	15.7	0.0000266	0.000815
2106 Sep	180	0.3	0.446	0.00843	46.8	0.0836	43.4	0.000732	0.000732	0.00000396	0.00583	0.00175	0.114	0.0203	0.0000065	15.7	0.0000266	0.000815
2106 Oct	180	0.299	0.445	0.00842	46.8	0.0836	43.4	0.000731	0.000731	0.00000396	0.00583	0.00175	0.114	0.0203	0.0000065	15.7	0.0000266	0.000814
2106 Nov	180	0.299	0.445	0.00842	46.8	0.0836	43.4	0.000731	0.000731	0.00000396	0.00583	0.00175	0.114	0.0203	0.0000065	15.7	0.0000266	0.000814
2106 Dec	180	0.299	0.445	0.00842	46.8	0.0836	43.4	0.000731	0.000731	0.00000396	0.00583	0.00175	0.114	0.0203	0.0000065	15.7	0.0000266	0.000814
2107 Jan	180	0.299	0.445	0.00841	46.8	0.0836	43.4	0.000731	0.000731	0.00000396	0.00583	0.00175	0.114	0.0203	0.0000065	15.7	0.0000266	0.000814
2107 Feb	180	0.299	0.445	0.00842	46.8	0.0836	43.4	0.000731	0.000731	0.00000396	0.00583	0.00175	0.114	0.0203	0.0000065	15.7	0.0000266	0.000814
2107 Mar	180	0.299	0.445	0.00842	46.8	0.0836	43.4	0.000731	0.000731	0.00000396	0.00583	0.00175	0.114	0.0203	0.0000065	15.7	0.0000266	0.000814
2107 Apr	180	0.299	0.445	0.00842	46.8	0.0836	43.4	0.000731	0.000731	0.00000396	0.00583	0.00175	0.114	0.0203	0.0000065	15.7	0.0000266	0.000815
2107 May	180	0.299	0.445	0.00841	46.8	0.0836	43.4	0.000731	0.000731	0.00000396	0.00583	0.00175	0.114	0.0203	0.0000065	15.7	0.0000266	0.000815
2107 Jun	180	0.299	0.445	0.0084	46.8	0.0836	43.4	0.000731	0.000731	0.00000395	0.00583	0.00175	0.114	0.0203	0.00000649	15.7	0.0000266	0.000814
2107 Jul	180	0.299	0.444	0.0084	46.8	0.0836	43.4	0.000731	0.000731	0.00000395	0.00583	0.00175	0.114	0.0203	0.0000065	15.7	0.0000266	0.000815
2107 Aug	180	0.299	0.445	0.0084	46.8	0.0837	43.5	0.000731	0.000731	0.00000396	0.00584	0.00175	0.115	0.0203	0.0000065	15.7	0.0000266	0.000816
2107 Sep	180	0.299	0.444	0.00839	46.8	0.0837	43.5	0.000731	0.000731	0.00000395	0.00583	0.00175	0.115	0.0203	0.0000065	15.7	0.0000266	0.000816
2107 Oct	180	0.298	0.444	0.00838	46.8	0.0836	43.4	0.00073	0.00073	0.00000395	0.00583	0.00175	0.114	0.0203	0.00000649	15.7	0.0000266	0.000815
2107 Nov	180	0.298	0.443	0.00838	46.8	0.0836	43.4	0.00073	0.00073	0.00000395	0.00583	0.00175	0.114	0.0203	0.00000649	15.7	0.0000266	0.000815
2107 Dec	180	0.298	0.443	0.00838	46.8	0.0836	43.4	0.000729	0.000729	0.00000395	0.00583	0.00175	0.114	0.0203	0.00000649	15.7	0.0000266	0.000815
2108 Jan	180	0.298	0.443	0.00838	46.8	0.0836	43.4	0.000729	0.000729	0.00000395	0.00583	0.00175	0.114	0.0203	0.00000649	15.7	0.0000266	0.000815
2108 Feb	180	0.298	0.443	0.00838	46.8	0.0836	43.4	0.000729	0.000729	0.00000395	0.00583	0.00175	0.114	0.0203	0.00000649	15.7	0.0000266	0.000815
2108 Mar	180	0.298	0.443	0.00838	46.8	0.0836	43.4	0.00073	0.00073	0.00000395	0.00583	0.00175	0.114	0.0203	0.00000649	15.7	0.0000266	0.000815
2108 Apr	180	0.298	0.443	0.00838	46.8	0.0836	43.4	0.00073	0.00073	0.00000395	0.00583	0.00175	0.114	0.0203	0.00000649	15.7	0.0000266	0.000816
2108 May	180	0.298	0.444	0.00838	46.8	0.0836	43.5	0.00073	0.00073	0.00000395	0.00583	0.00175	0.115	0.0203	0.0000065	15.7	0.0000266	0.000816
2108 Jun	180	0.298	0.443	0.00837	46.8	0.0836	43.4	0.000729	0.000729	0.00000395	0.00583	0.00175	0.114	0.0203	0.00000649	15.7	0.0000266	0.000816
2108 Jul	180	0.298	0.443	0.00837	46.9	0.0837	43.5	0.00073	0.00073	0.00000395	0.00584	0.00175	0.115	0.0203	0.0000065	15.7	0.0000266	0.000817
2108 Aug	180	0.298	0.444	0.00838	46.9	0.0838	43.6	0.000731	0.000731	0.00000396	0.00585	0.00176	0.115	0.0203	0.0000065	15.7	0.0000267	0.000818
2108 Sep	181	0.298	0.443	0.00838	46.9	0.0838	43.6	0.000731	0.000731	0.00000395	0.00585	0.00176	0.115	0.0203	0.0000065	15.7	0.0000267	0.000818
2108 Oct	180	0.297	0.442	0.00835	46.9	0.0837	43.5	0.000729	0.000729	0.00000395	0.00584	0.00175	0.115	0.0203	0.00000649	15.7	0.0000266	0.000817
2108 Nov	180	0.297	0.442	0.00835	46.9	0.0837	43.5	0.000729	0.000729	0.00000394	0.00584	0.00175	0.115	0.0203	0.00000649	15.7	0.0000266	0.000817
2108 Dec	180	0.297	0.442	0.00835	46.9	0.0837	43.5	0.000729	0.000729	0.00000394	0.00584	0.00175	0.115	0.0203	0.00000649	15.7	0.0000266	0.000817
2109 Jan	180	0.297	0.442	0.00835	46.9	0.0837	43.5	0.000729	0.000729	0.00000394	0.00584	0.00175	0.115	0.0203	0.00000649	15.7	0.0000266	0.000817
2109 Feb	180	0.297	0.442	0.00835	46.9	0.0837	43.5	0.000729	0.000729	0.00000394	0.00584	0.00175	0.115	0.0203	0.00000649	15.7	0.0000266	0.000817
2109 Mar	180	0.297	0.442	0.00835	46.9	0.0837	43.5	0.000729	0.000729	0.00000394	0.00584	0.00175	0.115	0.0203	0.00000649	15.7	0.0000266	0.000817
2109 Apr	180	0.297	0.442	0.00835	46.9	0.0837	43.5	0.000729	0.000729	0.00000395	0.00584	0.00175	0.115	0.0203	0.00000649	15.7	0.0000266	0.000817
2109 May	180	0.297	0.442	0.00835	46.9	0.0837	43.5	0.000729	0.000729	0.00000395	0.00584	0.00175	0.115	0.0203	0.00000649	15.7	0.0000266	0.000817
2109 Jun	180	0.297	0.441	0.00834	46.9	0.0837	43.5	0.000729	0.000729	0.00000394	0.00584	0.00175	0.115	0.0203	0.00000649	15.7	0.0000266	0.000817
2109 Jul	181	0.297	0.441	0.00834	46.9	0.0837	43.5	0.000729	0.000729	0.00000395	0.00585	0.00176	0.115	0.0203	0.00000649	15.7	0.0000267	0.000818
2109 Aug	181	0.297	0.441	0.00834	47	0.0838	43.6	0.000729	0.000729	0.00000395	0.00585	0.00176	0.115	0.0204	0.0000065	15.7	0.0000267	0.000819
2109 Sep	181	0.296	0.44	0.00832	47	0.0837	43.5	0.000728	0.000728	0.00000394	0.00585	0.00176	0.115	0.0204	0.00000649	15.7	0.0000267	0.000818
2109 Oct	181	0.295	0.439	0.0083	46.9	0.0836	43.5	0.000726	0.000726	0.00000393	0.00584	0.00175	0.115	0.0203	0.00000648	15.7	0.0000266	0.000817
2109 Nov	181	0.295	0.439	0.00829	46.9	0.0836	43.5	0.000726	0.000726	0.00000393	0.00584	0.00175	0.115	0.0203	0.00000648	15.7	0.0000266	0.000817
2109 Dec	181	0.295	0.439	0.00829	46.8	0.0836	43.5	0.000726	0.000726	0.00000393	0.00584	0.00175	0.115	0.0203	0.00000648	15.7	0.0000266	0.000817
2110 Jan	181	0.295	0.439	0.00829	46.8	0.0836	43.5	0.000726	0.000726	0.00000393	0.00584	0.00175	0.115	0.0203	0.00000648	15.7	0.0000266	0.000817
2110 Feb	181	0.295	0.439	0.00829	46.8	0.0836	43.5	0.000726	0.000726	0.00000393	0.00584	0.00175	0.115	0.0203	0.00000648	15.7	0.0000266	0.000817
2110 Mar	181	0.295	0.439	0.00829	46.9	0.0836	43.5	0.000726	0.000726	0.00000393	0.00584	0.00175	0.115	0.0203	0.00000648	15.7	0.0000266	0.000817
2110 Apr	181	0.295	0.439	0.00829	46.9	0.0836	43.5	0.000726	0.000726	0.00000393	0.00584	0.00175	0.115	0.0203	0.00000648	15.7	0.0000266	0.000817
2110 May	181	0.295	0.438	0.00828	46.8	0.0835	43.5	0.000725	0.000725	0.00000393	0.00583	0.00175	0.115	0.0203	0.00000647	15.7	0.0000266	0.000817
2110 Jun	180	0.294	0.436	0.00825	46.7	0.0834	43.4	0.000723	0.000723	0.00000392	0.00582	0.00175	0.114	0.0203	0.00000646	15.7	0.0000266	0.000816
2110 Jul	180	0.294	0.436	0.00825	46.8	0.0834	43.4	0.000723	0.000723	0.00000392	0.00583	0.00175	0.114	0.0203	0.00000646	15.7	0.0000266	0.000816
2110 Aug	180	0.293	0.435	0.00823	46.7	0.0833	43.4	0.000722	0.000722	0.00000391	0.00582	0.00175	0.114	0.0203	0.00000645	15.7	0.0000266	0.000816
2110 Sep	180	0.292	0.433	0.0082	46.7	0.0832	43.3	0.00072	0.00072	0.0000039	0.00581	0.00175	0.114	0.0202	0.00000643	15.6	0.0000265	0.000814
2110 Oct	180	0.291	0.432	0.00817	46.6	0.083	43.2	0.000718	0.000718	0.00000389	0.0058	0.00175	0.114	0.0202	0.00000642	15.6	0.0000265	0.000813
2110 Nov	180	0.291	0.432	0.00816	46.6	0.083	43.2	0.000718	0.000718	0.00000389	0.0058	0.00174	0.114	0.0202	0.00000642	15.6	0.0000265	0.000813
2110 Dec	180	0.291	0.432	0.00816	46.6	0.083	43.2	0.000717	0.000717	0.00000389	0.0058	0.00174	0.114	0.0202	0.00000642	15.6	0.0000265	0.000813
2111 Jan	180	0.291	0.432	0.00816	46.6	0.083	43.2	0.000717	0.000717	0.00000389	0.0058	0.00174	0.114	0.0202	0.00000642	15.6	0.0000265	0.000813

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2111 Feb	180	0.291	0.432	0.00816	46.6	0.083	43.2	0.000717	0.000717	0.00000389	0.0058	0.00174	0.114	0.0202	0.00000642	15.6	0.0000265	0.000813
2111 Mar	180	0.291	0.432	0.00816	46.6	0.083	43.2	0.000718	0.000718	0.00000389	0.0058	0.00174	0.114	0.0202	0.00000642	15.6	0.0000265	0.000813
2111 Apr	180	0.291	0.432	0.00817	46.6	0.083	43.2	0.000718	0.000718	0.00000389	0.0058	0.00174	0.114	0.0202	0.00000642	15.6	0.0000265	0.000813
2111 May	180	0.291	0.432	0.00817	46.6	0.083	43.2	0.000718	0.000718	0.00000389	0.0058	0.00175	0.114	0.0202	0.00000642	15.6	0.0000265	0.000813
2111 Jun	180	0.29	0.431	0.00815	46.6	0.0829	43.2	0.000717	0.000717	0.00000388	0.0058	0.00174	0.114	0.0202	0.00000641	15.6	0.0000264	0.000813
2111 Jul	180	0.29	0.431	0.00815	46.6	0.083	43.2	0.000718	0.000718	0.00000389	0.0058	0.00175	0.114	0.0202	0.00000642	15.6	0.0000265	0.000814
2111 Aug	180	0.29	0.43	0.00813	46.6	0.083	43.2	0.000717	0.000717	0.00000388	0.0058	0.00175	0.114	0.0202	0.00000641	15.6	0.0000265	0.000813
2111 Sep	180	0.289	0.429	0.00812	46.6	0.0829	43.2	0.000716	0.000716	0.00000388	0.0058	0.00175	0.114	0.0202	0.00000641	15.6	0.0000264	0.000813
2111 Oct	180	0.288	0.428	0.0081	46.5	0.0828	43.1	0.000714	0.000714	0.00000387	0.00579	0.00174	0.114	0.0202	0.0000064	15.6	0.0000264	0.000812
2111 Nov	180	0.288	0.428	0.00809	46.5	0.0827	43.1	0.000714	0.000714	0.00000387	0.00578	0.00174	0.114	0.0202	0.00000639	15.6	0.0000264	0.000811
2111 Dec	180	0.288	0.428	0.00809	46.5	0.0827	43.1	0.000714	0.000714	0.00000387	0.00578	0.00174	0.114	0.0202	0.00000639	15.6	0.0000264	0.000811
2112 Jan	180	0.288	0.428	0.00809	46.5	0.0827	43.1	0.000713	0.000713	0.00000387	0.00578	0.00174	0.114	0.0202	0.00000639	15.6	0.0000264	0.000811
2112 Feb	180	0.288	0.428	0.00809	46.5	0.0827	43.1	0.000713	0.000713	0.00000387	0.00578	0.00174	0.114	0.0202	0.00000639	15.6	0.0000264	0.000811
2112 Mar	180	0.288	0.428	0.00809	46.5	0.0827	43.1	0.000714	0.000714	0.00000387	0.00578	0.00174	0.114	0.0202	0.00000639	15.6	0.0000264	0.000811
2112 Apr	180	0.288	0.428	0.00809	46.5	0.0827	43.1	0.000714	0.000714	0.00000387	0.00579	0.00174	0.114	0.0202	0.00000639	15.6	0.0000264	0.000812
2112 May	180	0.288	0.427	0.00808	46.5	0.0827	43.1	0.000713	0.000713	0.00000386	0.00578	0.00174	0.114	0.0202	0.00000639	15.6	0.0000264	0.000811
2112 Jun	180	0.286	0.425	0.00804	46.4	0.0825	43	0.000711	0.000711	0.00000385	0.00577	0.00174	0.113	0.0201	0.00000637	15.5	0.0000263	0.00081
2112 Jul	180	0.286	0.425	0.00804	46.4	0.0825	43	0.000711	0.000711	0.00000385	0.00577	0.00174	0.113	0.0201	0.00000637	15.6	0.0000263	0.00081
2112 Aug	180	0.286	0.425	0.00804	46.5	0.0825	43	0.000711	0.000711	0.00000385	0.00578	0.00174	0.113	0.0202	0.00000637	15.6	0.0000264	0.000811
2112 Sep	180	0.286	0.424	0.00802	46.4	0.0825	43	0.00071	0.00071	0.00000385	0.00577	0.00174	0.113	0.0201	0.00000636	15.6	0.0000263	0.00081
2112 Oct	180	0.285	0.423	0.00801	46.4	0.0824	43	0.000709	0.000709	0.00000384	0.00577	0.00174	0.113	0.0201	0.00000636	15.5	0.0000263	0.00081
2112 Nov	180	0.285	0.423	0.00801	46.4	0.0824	43	0.000709	0.000709	0.00000384	0.00577	0.00174	0.113	0.0201	0.00000636	15.5	0.0000263	0.00081
2112 Dec	180	0.285	0.423	0.00801	46.3	0.0824	43	0.000709	0.000709	0.00000384	0.00577	0.00174	0.113	0.0201	0.00000636	15.5	0.0000263	0.00081
2113 Jan	180	0.285	0.423	0.00801	46.3	0.0824	43	0.000709	0.000709	0.00000384	0.00577	0.00174	0.113	0.0201	0.00000636	15.5	0.0000263	0.00081
2113 Feb	180	0.285	0.423	0.00801	46.3	0.0824	43	0.000709	0.000709	0.00000384	0.00577	0.00174	0.113	0.0201	0.00000636	15.5	0.0000263	0.00081
2113 Mar	180	0.285	0.423	0.00801	46.4	0.0824	43	0.000709	0.000709	0.00000384	0.00577	0.00174	0.113	0.0201	0.00000636	15.5	0.0000263	0.00081
2113 Apr	180	0.285	0.423	0.00801	46.4	0.0824	43	0.000709	0.000709	0.00000384	0.00577	0.00174	0.113	0.0201	0.00000636	15.5	0.0000263	0.00081
2113 May	180	0.285	0.423	0.008	46.3	0.0824	43	0.000708	0.000708	0.00000384	0.00577	0.00174	0.113	0.0201	0.00000636	15.5	0.0000263	0.00081
2113 Jun	180	0.284	0.422	0.00798	46.3	0.0823	42.9	0.000707	0.000707	0.00000383	0.00576	0.00174	0.113	0.0201	0.00000635	15.5	0.0000263	0.000809
2113 Jul	180	0.284	0.422	0.00799	46.4	0.0824	43	0.000708	0.000708	0.00000384	0.00577	0.00174	0.113	0.0201	0.00000635	15.5	0.0000263	0.00081
2113 Aug	180	0.284	0.422	0.00798	46.4	0.0824	43	0.000708	0.000708	0.00000384	0.00577	0.00174	0.113	0.0202	0.00000636	15.6	0.0000263	0.000811
2113 Sep	180	0.284	0.421	0.00797	46.4	0.0824	43	0.000707	0.000707	0.00000383	0.00577	0.00174	0.113	0.0201	0.00000635	15.6	0.0000263	0.00081
2113 Oct	180	0.283	0.42	0.00795	46.3	0.0822	42.9	0.000705	0.000705	0.00000382	0.00576	0.00174	0.113	0.0201	0.00000634	15.5	0.0000263	0.000809
2113 Nov	180	0.283	0.419	0.00794	46.3	0.0822	42.9	0.000705	0.000705	0.00000382	0.00575	0.00174	0.113	0.0201	0.00000633	15.5	0.0000263	0.000809
2113 Dec	180	0.283	0.419	0.00794	46.3	0.0822	42.9	0.000705	0.000705	0.00000382	0.00575	0.00174	0.113	0.0201	0.00000633	15.5	0.0000263	0.000809
2114 Jan	180	0.283	0.419	0.00794	46.3	0.0822	42.9	0.000705	0.000705	0.00000382	0.00575	0.00174	0.113	0.0201	0.00000633	15.5	0.0000263	0.000809
2114 Feb	180	0.283	0.419	0.00794	46.3	0.0822	42.9	0.000705	0.000705	0.00000382	0.00575	0.00174	0.113	0.0201	0.00000633	15.5	0.0000263	0.000809
2114 Mar	180	0.283	0.419	0.00794	46.3	0.0822	42.9	0.000705	0.000705	0.00000382	0.00575	0.00174	0.113	0.0201	0.00000633	15.5	0.0000263	0.000809
2114 Apr	180	0.283	0.419	0.00794	46.3	0.0822	42.9	0.000705	0.000705	0.00000382	0.00575	0.00174	0.113	0.0201	0.00000633	15.5	0.0000263	0.000809
2114 May	180	0.282	0.419	0.00792	46.2	0.0821	42.9	0.000704	0.000704	0.00000382	0.00575	0.00174	0.113	0.0201	0.00000633	15.5	0.0000262	0.000808
2114 Jun	180	0.282	0.418	0.00792	46.3	0.0821	42.9	0.000703	0.000703	0.00000381	0.00575	0.00174	0.113	0.0201	0.00000632	15.5	0.0000262	0.000808
2114 Jul	180	0.282	0.419	0.00792	46.3	0.0822	42.9	0.000704	0.000704	0.00000382	0.00576	0.00174	0.113	0.0201	0.00000633	15.5	0.0000263	0.000809
2114 Aug	180	0.282	0.419	0.00793	46.4	0.0823	43	0.000705	0.000705	0.00000382	0.00576	0.00174	0.113	0.0201	0.00000634	15.6	0.0000263	0.000811
2114 Sep	180	0.282	0.418	0.00792	46.4	0.0823	42.9	0.000704	0.000704	0.00000382	0.00576	0.00174	0.113	0.0201	0.00000633	15.5	0.0000263	0.00081
2114 Oct	180	0.281	0.417	0.0079	46.3	0.0821	42.9	0.000703	0.000703	0.00000381	0.00575	0.00174	0.113	0.0201	0.00000632	15.5	0.0000263	0.000809
2114 Nov	180	0.281	0.416	0.00788	46.2	0.082	42.8	0.000701	0.000701	0.0000038	0.00575	0.00174	0.113	0.0201	0.00000631	15.5	0.0000262	0.000808
2114 Dec	180	0.281	0.416	0.00788	46.2	0.082	42.8	0.000701	0.000701	0.0000038	0.00574	0.00174	0.113	0.0201	0.00000631	15.5	0.0000262	0.000808
2115 Jan	180	0.281	0.416	0.00788	46.2	0.082	42.8	0.000701	0.000701	0.0000038	0.00574	0.00174	0.113	0.0201	0.00000631	15.5	0.0000262	0.000808
2115 Feb	180	0.281	0.416	0.00788	46.2	0.082	42.8	0.000701	0.000701	0.0000038	0.00574	0.00174	0.113	0.0201	0.00000631	15.5	0.0000262	0.000808
2115 Mar	180	0.281	0.416	0.00788	46.2	0.082	42.8	0.000701	0.000701	0.0000038	0.00575	0.00174	0.113	0.0201	0.00000631	15.5	0.0000262	0.000808
2115 Apr	180	0.281	0.416	0.00788	46.2	0.082	42.8	0.000701	0.000701	0.0000038	0.00575	0.00174	0.113	0.0201	0.00000631	15.5	0.0000262	0.000808
2115 May	180	0.281	0.416	0.00787	46.2	0.082	42.8	0.000701	0.000701	0.0000038	0.00575	0.00174	0.113	0.0201	0.00000631	15.5	0.0000262	0.000808
2115 Jun	180	0.28	0.416	0.00787	46.3	0.0821	42.9	0.000701	0.000701	0.0000038	0.00575	0.00174	0.113	0.0201	0.00000631	15.5	0.0000262	0.000809
2115 Jul	180	0.281	0.416	0.00788	46.3	0.0821	42.9	0.000702	0.000702	0.00000381	0.00576	0.00174	0.113	0.0201	0.00000632	15.5	0.0000263	0.00081
2115 Aug	180	0.28	0.415	0.00786	46.3	0.0821	42.9	0.000701	0.000701	0.0000038	0.00575	0.00174	0.113	0.0201	0.00000631	15.5	0.0000263	0.000809
2115 Sep	180	0.28	0.415	0.00785	46.3	0.0821	42.9	0.0007	0.0007	0.0000038	0.00575	0.00174	0.113	0.0201	0.00000631	15.5	0.0000263	0.000809

Appendix C.2-28: Discovery

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt
2115 Oct	180	0.279	0.414	0.00784	46.3	0.082	42.8	0.0007	0.0007	0.0000038	0.00575	0.00174	0.113	0.0201	0.00000631	15.5	0.0000262	0.000809
2115 Nov	180	0.279	0.414	0.00783	46.2	0.082	42.8	0.000699	0.000699	0.00000379	0.00574	0.00174	0.113	0.0201	0.0000063	15.5	0.0000262	0.000808
2115 Dec	180	0.279	0.414	0.00783	46.2	0.082	42.8	0.000699	0.000699	0.00000379	0.00574	0.00174	0.113	0.0201	0.0000063	15.5	0.0000262	0.000808
2116 Jan	180	0.279	0.414	0.00783	46.2	0.082	42.8	0.000699	0.000699	0.00000379	0.00574	0.00174	0.113	0.0201	0.0000063	15.5	0.0000262	0.000808
2116 Feb	180	0.279	0.414	0.00783	46.2	0.082	42.8	0.000699	0.000699	0.00000379	0.00574	0.00174	0.113	0.0201	0.0000063	15.5	0.0000262	0.000808
2116 Mar	180	0.279	0.414	0.00783	46.2	0.082	42.8	0.000699	0.000699	0.00000379	0.00574	0.00174	0.113	0.0201	0.0000063	15.5	0.0000262	0.000808
2116 Apr	180	0.279	0.414	0.00783	46.2	0.082	42.8	0.000699	0.000699	0.00000379	0.00574	0.00174	0.113	0.0201	0.0000063	15.5	0.0000262	0.000809
2116 May	180	0.279	0.413	0.00782	46.2	0.0819	42.8	0.000698	0.000698	0.00000379	0.00574	0.00174	0.113	0.0201	0.00000629	15.5	0.0000262	0.000808
2116 Jun	180	0.278	0.411	0.00779	46.1	0.0817	42.7	0.000696	0.000696	0.00000378	0.00573	0.00173	0.112	0.02	0.00000628	15.5	0.0000262	0.000807
2116 Jul	180	0.278	0.411	0.00779	46.2	0.0818	42.8	0.000697	0.000697	0.00000378	0.00573	0.00174	0.113	0.0201	0.00000628	15.5	0.0000262	0.000808
2116 Aug	180	0.278	0.412	0.0078	46.3	0.0819	42.8	0.000697	0.000697	0.00000378	0.00574	0.00174	0.113	0.0201	0.00000629	15.5	0.0000262	0.000809
2116 Sep	180	0.277	0.411	0.00778	46.2	0.0818	42.8	0.000696	0.000696	0.00000378	0.00573	0.00174	0.113	0.0201	0.00000628	15.5	0.0000262	0.000808
2116 Oct	180	0.276	0.409	0.00776	46.1	0.0817	42.7	0.000695	0.000695	0.00000377	0.00573	0.00173	0.112	0.02	0.00000627	15.5	0.0000261	0.000807
2116 Nov	180	0.276	0.409	0.00775	46.1	0.0816	42.7	0.000694	0.000694	0.00000377	0.00572	0.00173	0.112	0.02	0.00000627	15.5	0.0000261	0.000806
2116 Dec	180	0.276	0.409	0.00775	46.1	0.0816	42.7	0.000694	0.000694	0.00000377	0.00572	0.00173	0.112	0.02	0.00000627	15.5	0.0000261	0.000806
2117 Jan	180	0.276	0.409	0.00775	46.1	0.0816	42.7	0.000694	0.000694	0.00000377	0.00572	0.00173	0.112	0.02	0.00000627	15.5	0.0000261	0.000806
2117 Feb	180	0.276	0.409	0.00775	46.1	0.0816	42.7	0.000694	0.000694	0.00000377	0.00572	0.00173	0.112	0.02	0.00000627	15.5	0.0000261	0.000806
2117 Mar	180	0.276	0.409	0.00775	46.1	0.0816	42.7	0.000694	0.000694	0.00000377	0.00572	0.00173	0.112	0.02	0.00000627	15.5	0.0000261	0.000806
2117 Apr	180	0.276	0.409	0.00775	46.1	0.0816	42.7	0.000694	0.000694	0.00000377	0.00572	0.00173	0.112	0.02	0.00000627	15.5	0.0000261	0.000807
2117 May	180	0.276	0.409	0.00775	46.1	0.0817	42.7	0.000694	0.000694	0.00000377	0.00573	0.00173	0.112	0.02	0.00000627	15.5	0.0000262	0.000807
2117 Jun	180	0.276	0.409	0.00775	46.2	0.0817	42.7	0.000694	0.000694	0.00000377	0.00573	0.00173	0.112	0.0201	0.00000627	15.5	0.0000262	0.000807
2117 Jul	180	0.276	0.409	0.00776	46.2	0.0818	42.8	0.000695	0.000695	0.00000377	0.00573	0.00174	0.113	0.0201	0.00000628	15.5	0.0000262	0.000808
2117 Aug	180	0.276	0.409	0.00775	46.3	0.0818	42.8	0.000695	0.000695	0.00000377	0.00574	0.00174	0.113	0.0201	0.00000628	15.5	0.0000262	0.000809
2117 Sep	181	0.276	0.409	0.00775	46.3	0.0818	42.8	0.000695	0.000695	0.00000377	0.00574	0.00174	0.113	0.0201	0.00000628	15.5	0.0000262	0.000809
2117 Oct	180	0.276	0.409	0.00774	46.3	0.0818	42.8	0.000695	0.000695	0.00000377	0.00574	0.00174	0.113	0.0201	0.00000627	15.5	0.0000262	0.000808
2117 Nov	180	0.276	0.408	0.00774	46.3	0.0817	42.8	0.000694	0.000694	0.00000377	0.00573	0.00174	0.113	0.0201	0.00000627	15.5	0.0000262	0.000808
2117 Dec	180	0.276	0.408	0.00774	46.3	0.0817	42.8	0.000694	0.000694	0.00000377	0.00573	0.00174	0.113	0.0201	0.00000627	15.5	0.0000262	0.000808
2118 Jan	180	0.276	0.408	0.00774	46.2	0.0817	42.8	0.000694	0.000694	0.00000377	0.00573	0.00174	0.113	0.0201	0.00000627	15.5	0.0000262	0.000808
2118 Feb	180	0.276	0.408	0.00774	46.2	0.0817	42.8	0.000694	0.000694	0.00000377	0.00573	0.00174	0.113	0.0201	0.00000627	15.5	0.0000262	0.000808
2118 Mar	180	0.276	0.408	0.00774	46.3	0.0817	42.8	0.000694	0.000694	0.00000377	0.00573	0.00174	0.113	0.0201	0.00000627	15.5	0.0000262	0.000808
2118 Apr	180	0.276	0.408	0.00774	46.3	0.0817	42.8	0.000694	0.000694	0.00000377	0.00573	0.00174	0.113	0.0201	0.00000627	15.5	0.0000262	0.000808
2118 May	180	0.276	0.408	0.00773	46.3	0.0817	42.7	0.000694	0.000694	0.00000377	0.00573	0.00174	0.113	0.0201	0.00000627	15.5	0.0000262	0.000808
2118 Jun	180	0.275	0.407	0.00771	46.2	0.0816	42.7	0.000692	0.000692	0.00000376	0.00573	0.00174	0.112	0.0201	0.00000626	15.5	0.0000261	0.000807
2118 Jul	181	0.275	0.407	0.00772	46.3	0.0817	42.7	0.000693	0.000693	0.00000376	0.00573	0.00174	0.113	0.0201	0.00000627	15.5	0.0000262	0.000809
2118 Aug	181	0.275	0.407	0.0077	46.3	0.0817	42.7	0.000693	0.000693	0.00000376	0.00573	0.00174	0.112	0.0201	0.00000626	15.5	0.0000262	0.000808
2118 Sep	180	0.274	0.405	0.00768	46.3	0.0815	42.7	0.000691	0.000691	0.00000375	0.00572	0.00174	0.112	0.0201	0.00000625	15.5	0.0000261	0.000807
2118 Oct	180	0.273	0.404	0.00765	46.2	0.0813	42.6	0.000689	0.000689	0.00000374	0.00571	0.00173	0.112	0.02	0.00000624	15.5	0.0000261	0.000806
2118 Nov	180	0.272	0.403	0.00764	46.1	0.0813	42.5	0.000688	0.000688	0.00000374	0.00571	0.00173	0.112	0.02	0.00000623	15.5	0.0000261	0.000805
2118 Dec	180	0.272	0.403	0.00764	46.1	0.0812	42.5	0.000688	0.000688	0.00000374	0.00571	0.00173	0.112	0.02	0.00000623	15.5	0.0000261	0.000805
2119 Jan	180	0.272	0.403	0.00764	46.1	0.0812	42.5	0.000688	0.000688	0.00000374	0.00571	0.00173	0.112	0.02	0.00000623	15.5	0.0000261	0.000805
2119 Feb	180	0.272	0.403	0.00764	46.1	0.0812	42.5	0.000688	0.000688	0.00000374	0.00571	0.00173	0.112	0.02	0.00000623	15.5	0.0000261	0.000805
2119 Mar	180	0.272	0.403	0.00764	46.1	0.0812	42.5	0.000688	0.000688	0.00000374	0.00571	0.00173	0.112	0.02	0.00000623	15.5	0.0000261	0.000805
2119 Apr	180	0.272	0.403	0.00764	46.1	0.0813	42.5	0.000688	0.000688	0.00000374	0.00571	0.00173	0.112	0.02	0.00000623	15.5	0.0000261	0.000805
2119 May	180	0.272	0.402	0.00762	46.1	0.0812	42.5	0.000687	0.000687	0.00000373	0.0057	0.00173	0.112	0.02	0.00000622	15.5	0.000026	0.000805
2119 Jun	180	0.271	0.402	0.00761	46.1	0.0811	42.5	0.000687	0.000687	0.00000373	0.0057	0.00173	0.112	0.02	0.00000622	15.5	0.000026	0.000804
2119 Jul	180	0.272	0.402	0.00762	46.2	0.0812	42.5	0.000688	0.000688	0.00000373	0.00571	0.00173	0.112	0.02	0.00000622	15.5	0.0000261	0.000805
2119 Aug	180	0.272	0.402	0.00761	46.2	0.0813	42.6	0.000688	0.000688	0.00000373	0.00571	0.00173	0.112	0.0201	0.00000623	15.5	0.0000261	0.000806
2119 Sep	180	0.271	0.401	0.0076	46.2	0.0812	42.5	0.000686	0.000686	0.00000373	0.0057	0.00173	0.112	0.02	0.00000622	15.5	0.000026	0.000805
2119 Oct	180	0.27	0.4	0.00758	46.1	0.0811	42.5	0.000685	0.000685	0.00000372	0.0057	0.00173	0.112	0.02	0.00000621	15.5	0.000026	0.000804
2119 Nov	180	0.27	0.399	0.00757	46.1	0.081	42.4	0.000685	0.000685	0.00000372	0.00569	0.00173	0.112	0.02	0.0000062	15.4	0.000026	0.000804
2119 Dec	180	0.27	0.399	0.00757	46.1	0.081	42.4	0.000685	0.000685	0.00000372	0.00569	0.00173	0.112	0.02	0.0000062	15.4	0.000026	0.000804

Appendix C.2-28: Discovery

Constituents	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2024-2031): Min	0.000017	0.0000739	0.00151	0.00000115	0.971	0.68	0.00607	0.000292	14.4	0.000414	0.000171	0.00000607	0.000104	0.0000397	0.0407	0.000000132	0.000303	0.0000298	0.0000698	0.000244
Operation (2024-2031): Mean	0.000513	0.00252	0.0273	0.0000402	34.2	23.5	0.199	0.0104	508	0.0145	0.0055	0.0000672	0.00364	0.00139	1.42	0.00000459	0.0107	0.000876	0.00234	0.00866
Operation (2024-2031): Max	0.000591	0.00291	0.0519	0.0000468	40.3	27.6	0.233	0.0122	599	0.017	0.00618	0.00017	0.00429	0.00164	1.67	0.00000527	0.0127	0.000998	0.00265	0.0102
Active Closure (2032-2038): Min	0.000111	0.000853	0.0142	0.00000145	2.58	2.3	0.0139	0.000629	23.1	0.00118	0.00439	0.0000406	0.000235	0.000116	0.114	0.0000022	0.000551	0.000114	0.000913	0.000229
Active Closure (2032-2038): Mean	0.000142	0.000983	0.0159	0.00000405	4.92	3.89	0.0278	0.00136	59.3	0.00217	0.00451	0.0000451	0.000493	0.000212	0.214	0.00000239	0.0013	0.000173	0.00103	0.000767
Active Closure (2032-2038): Max	0.000505	0.00251	0.0304	0.0000391	33.3	23	0.193	0.0101	492	0.0142	0.00597	0.0000668	0.00355	0.00136	1.39	0.00000457	0.0105	0.000854	0.0023	0.00834
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Post Closure (2039-2119): Min	0.000114	0.000863	0.015	0.00000151	2.71	2.4	0.0149	0.000671	24	0.00123	0.00439	0.0000446	0.000252	0.000122	0.121	0.00000222	0.000591	0.000119	0.000924	0.000252
Post Closure (2039-2119): Mean	0.000185	0.00104	0.0244	0.00000421	6.45	5.11	0.0422	0.0019	30.5	0.00284	0.00454	0.0000719	0.00074	0.000291	0.312	0.00000251	0.00177	0.000266	0.00116	0.00179
Post Closure (2039-2119): Max	0.000208	0.00109	0.0318	0.00000666	7.5	5.88	0.0511	0.00225	32.9	0.0033	0.00462	0.0000949	0.000877	0.000338	0.366	0.00000262	0.00211	0.000324	0.00123	0.0033
Water quality guideline for the protection of aquatic life	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2024-2119)																				
2024 Jan																				
2024 Feb																				
2024 Mar																				
2024 Apr																				
2024 May																				
2024 Jun																				
2024 Jul																				
2024 Aug																				
2024 Sep																				
2024 Oct																				
2024 Nov																				
2024 Dec																				
2025 Jan																				
2025 Feb																				
2025 Mar																				
2025 Apr																				
2025 May																				
2025 Jun																				
2025 Jul																				
2025 Aug																				
2025 Sep																				
2025 Oct																				
2025 Nov																				
2025 Dec																				
2026 Jan																				
2026 Feb																				
2026 Mar																				
2026 Apr																				
2026 May																				
2026 Jun																				
2026 Jul																				
2026 Aug																				
2026 Sep																				
2026 Oct																				
2026 Nov																				
2026 Dec																				
2027 Jan																				
2027 Feb																				
2027 Mar																				
2027 Apr																				
2027 May																				
2027 Jun																				
2027 Jul																				
2027 Aug																				
2027 Sep																				
2027 Oct																				
2027 Nov																				
2027 Dec																				
2028 Jan																				
2028 Feb																				
2028 Mar																				

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2028 Apr																				
2028 May																				
2028 Jun																				
2028 Jul																				
2028 Aug																				
2028 Sep																				
2028 Oct																				
2028 Nov																				
2028 Dec																				
2029 Jan																				
2029 Feb																				
2029 Mar																				
2029 Apr																				
2029 May	0.000017	0.0000739	0.00151	0.00000115	0.971	0.68	0.00607	0.000292	14.4	0.000414	0.000171	0.00000607	0.000104	0.0000397	0.0407	0.000000132	0.000303	0.0000298	0.0000698	0.000244
2029 Jun	0.000491	0.00219	0.0519	0.0000344	28	19.6	0.174	0.00839	413	0.012	0.00614	0.00017	0.003	0.00114	1.17	0.00000407	0.00872	0.00091	0.00231	0.00702
2029 Jul	0.000522	0.00258	0.0266	0.0000415	35.2	24.2	0.204	0.0107	524	0.0149	0.00541	0.000069	0.00376	0.00143	1.46	0.00000472	0.0111	0.00089	0.00242	0.00893
2029 Aug	0.00055	0.00271	0.0245	0.0000436	37.3	25.6	0.216	0.0113	555	0.0158	0.00542	0.0000659	0.00397	0.00152	1.55	0.00000494	0.0117	0.000926	0.00249	0.00946
2029 Sep	0.000556	0.00274	0.0238	0.000044	37.7	25.9	0.218	0.0114	561	0.016	0.00547	0.0000624	0.00401	0.00153	1.57	0.00000496	0.0119	0.000938	0.00249	0.00957
2029 Oct	0.000533	0.00264	0.0251	0.0000421	35.9	24.7	0.208	0.0109	534	0.0152	0.00554	0.0000591	0.00382	0.00146	1.49	0.00000477	0.0113	0.0009	0.0024	0.00911
2029 Nov	0.000522	0.00259	0.026	0.0000412	35	24.1	0.203	0.0106	521	0.0149	0.00559	0.0000578	0.00372	0.00143	1.46	0.00000468	0.011	0.000881	0.00235	0.00888
2029 Dec	0.000522	0.00259	0.026	0.0000412	35	24.1	0.203	0.0106	521	0.0149	0.00559	0.0000578	0.00372	0.00143	1.46	0.00000468	0.011	0.000881	0.00235	0.00888
2030 Jan	0.000522	0.00259	0.026	0.0000412	35	24.1	0.203	0.0106	521	0.0149	0.00559	0.0000578	0.00372	0.00143	1.46	0.00000468	0.011	0.000881	0.00235	0.00888
2030 Feb	0.000522	0.00259	0.026	0.0000412	35	24.1	0.203	0.0106	521	0.0149	0.00559	0.0000578	0.00372	0.00143	1.46	0.00000468	0.011	0.000882	0.00235	0.00888
2030 Mar	0.000522	0.00259	0.026	0.0000412	35	24.1	0.203	0.0106	521	0.0149	0.00559	0.0000578	0.00372	0.00143	1.46	0.00000468	0.011	0.000882	0.00235	0.00888
2030 Apr	0.000522	0.00259	0.026	0.0000412	35.1	24.1	0.203	0.0106	521	0.0149	0.00559	0.0000578	0.00373	0.00143	1.46	0.00000468	0.011	0.000882	0.00236	0.00889
2030 May	0.000524	0.0026	0.0261	0.0000414	35.2	24.2	0.204	0.0107	524	0.0149	0.00562	0.0000581	0.00374	0.00143	1.46	0.0000047	0.0111	0.000886	0.00237	0.00893
2030 Jun	0.000485	0.00239	0.0312	0.0000386	32.1	22.1	0.187	0.0097	477	0.0137	0.00582	0.0000698	0.00345	0.00131	1.33	0.00000448	0.0101	0.000881	0.00244	0.00812
2030 Jul	0.000524	0.00259	0.027	0.0000417	35.3	24.3	0.205	0.0107	525	0.015	0.0055	0.0000698	0.00377	0.00144	1.47	0.00000475	0.0111	0.000908	0.00247	0.00896
2030 Aug	0.000552	0.00273	0.0241	0.0000438	37.5	25.8	0.217	0.0114	559	0.0159	0.00538	0.0000664	0.004	0.00153	1.56	0.00000495	0.0118	0.000931	0.0025	0.00953
2030 Sep	0.000591	0.00291	0.0237	0.0000468	40.3	27.6	0.233	0.0122	599	0.017	0.00562	0.0000673	0.00429	0.00164	1.67	0.00000527	0.0127	0.000998	0.00265	0.0102
2030 Oct	0.000552	0.00273	0.0246	0.0000436	37.3	25.6	0.216	0.0113	555	0.0158	0.00558	0.0000611	0.00397	0.00152	1.55	0.00000493	0.0118	0.000934	0.00247	0.00947
2030 Nov	0.000535	0.00265	0.0256	0.0000422	36	24.8	0.208	0.0109	535	0.0153	0.00562	0.0000591	0.00383	0.00147	1.5	0.00000479	0.0113	0.000904	0.00241	0.00913
2030 Dec	0.000535	0.00265	0.0256	0.0000422	36	24.8	0.208	0.0109	536	0.0153	0.00562	0.0000591	0.00383	0.00147	1.5	0.00000479	0.0113	0.000904	0.00241	0.00913
2031 Jan	0.000535	0.00265	0.0256	0.0000422	36	24.8	0.208	0.0109	536	0.0153	0.00562	0.0000591	0.00383	0.00147	1.5	0.00000479	0.0113	0.000904	0.00241	0.00913
2031 Feb	0.000535	0.00265	0.0256	0.0000422	36	24.8	0.208	0.0109	536	0.0153	0.00562	0.0000591	0.00383	0.00147	1.5	0.00000479	0.0113	0.000904	0.00241	0.00913
2031 Mar	0.000535	0.00265	0.0256	0.0000422	36	24.8	0.208	0.0109	536	0.0153	0.00562	0.0000592	0.00383	0.00147	1.5	0.00000479	0.0113	0.000904	0.00241	0.00913
2031 Apr	0.000536	0.00265	0.0257	0.0000423	36.1	24.8	0.209	0.0109	536	0.0153	0.00563	0.0000592	0.00383	0.00147	1.5	0.0000048	0.0113	0.000906	0.00241	0.00914
2031 May	0.000544	0.00263	0.0314	0.0000417	35.4	24.5	0.208	0.0107	527	0.0151	0.00577	0.000087	0.00377	0.00144	1.48	0.00000475	0.0111	0.000926	0.00241	0.00897
2031 Jun	0.000524	0.00242	0.0437	0.0000383	31.8	22.1	0.193	0.00958	471	0.0136	0.00604	0.000139	0.0034	0.0013	1.33	0.00000444	0.00995	0.000941	0.00242	0.00802
2031 Jul	0.000548	0.00263	0.0377	0.000042	35.2	24.3	0.208	0.0106	522	0.015	0.00618	0.000107	0.00376	0.00143	1.46	0.00000485	0.011	0.000972	0.00259	0.00889
2031 Aug	0.00056	0.00275	0.0247	0.0000443	37.9	26	0.22	0.0115	564	0.0161	0.00549	0.0000681	0.00403	0.00154	1.57	0.00000501	0.0119	0.000945	0.00253	0.00961
2031 Sep	0.000527	0.00261	0.0262	0.0000416	35.4	24.3	0.205	0.0107	526	0.015	0.00564	0.0000583	0.00376	0.00144	1.47	0.00000474	0.0111	0.000888	0.00238	0.00897
2031 Oct	0.000496	0.00248	0.0298	0.0000391	32.9	22.7	0.191	0.01	488	0.014	0.00592	0.000055	0.00349	0.00134	1.37	0.0000045	0.0103	0.000838	0.00227	0.00832
2031 Nov	0.000495	0.00248	0.03	0.000039	32.8	22.6	0.19	0.00997	487	0.0139	0.00594	0.0000549	0.00348	0.00133	1.36	0.00000449	0.0103	0.000836	0.00226	0.00829
2031 Dec	0.000495	0.00248	0.03	0.000039	32.8	22.6	0.19	0.00997	487	0.0139	0.00594	0.0000549	0.00348	0.00133	1.36	0.00000449	0.0103	0.000836	0.00226	0.00829
2032 Jan	0.000495	0.00248	0.03	0.000039	32.8	22.6	0.19	0.00997	487	0.0139	0.00594	0.0000549	0.00348	0.00133	1.36	0.00000449	0.0103	0.000836	0.00226	0.00829
2032 Feb	0.000495	0.00248	0.03	0.000039	32.8	22.6	0.19	0.00997	487	0.0139	0.00594	0.0000549	0.00348	0.00133	1.36	0.00000449	0.0103	0.000836	0.00226	0.00829
2032 Mar	0.000495	0.00248	0.03	0.000039	32.8	22.6	0.19	0.00997	487	0.0139	0.00594	0.0000549	0.00348	0.00133	1.36	0.00000449	0.0103	0.000836	0.00226	0.00829
2032 Apr	0.000496	0.00248	0.0301	0.0000391	32.8	22.6	0.19	0.00998	487	0.014	0.00594	0.0000549	0.00348	0.00134	1.37	0.0000045	0.0103	0.000837	0.00227	0.0083
2032 May	0.000505	0.00251	0.0304	0.0000391	33.3	23	0.193	0.0101	492	0.0142	0.00597	0.0000576	0.00355	0.00136	1.39	0.00000457	0.0105	0.000854	0.0023	0.00834
2032 Jun	0.000231	0.00139	0.0218	0.00000808	11.3	8.39	0.0691	0.00345	151	0.005	0.00493	0.0000668	0.00128	0.000493	0.521	0.0000031	0.00334	0.000385	0.00144	0.00187
2032 Jul	0.000148	0.0011	0.0181	0.00000436	6.25	4.83	0.037	0.00182	77.9	0.00284	0.00462	0.0000577	0.000679	0.000275	0.283	0.00000257	0.00173	0.000234	0.00114	0.00089
2032 Aug	0.000124	0.000965	0.016	0.00000281	4.22	3.42	0.0242	0.00117	49.9	0.00194	0.00444	0.0000469	0.000435	0.000188	0.189	0.00000237	0.00109	0.000168	0.00101	0.000509
2032 Sep	0.000119	0.000898	0.0146	0.00000218	3.4	2.86	0.0188	0.000895	38.5	0.00154	0.00439	0.0000406	0.000332	0.000151	0.151	0.00000228	0.000818	0.000137	0.000961	0.000366
2032 Oct	0.000117	0.000882	0.0142	0.00000197	3.13	2.67	0.017	0.000804	34.7	0.00141	0.00442	0.0000411	0.000298	0.000139	0.138	0.00000225	0.000728	0.000127	0.000944	0.00032
2032 Nov	0.000119	0.000887	0.0142	0.00000199	3.21	2.72	0.0174	0.000828	35.7	0.00144	0.00442	0.0000412	0.000307	0.000142	0.141	0.00000226	0.000751	0.000129	0.000949	0.000323
2032 Dec	0.00012	0.00089	0.0143	0.00000201	3.26	2.76	0.0178	0.000846	36.4	0.00146	0.00442	0.0000413	0.000314	0.000145	0.144	0.00000226	0.000768	0.000131	0.000952	0.000326
2033 Jan	0.00012	0.00089	0.0143	0.00000201	3.26	2.76	0.0178	0.000846	36.4	0.00147	0.00442	0.0000413	0.000314	0.000145	0.144	0.00000226	0.000768	0.000131	0.000952	0.000326
2033 Feb	0.00012	0.00089	0.0143	0.00000201	3.26	2.76	0.0178	0.000846	36.4	0.00147	0.00442	0.0000413	0.000314	0.000145	0.144	0.00000226	0.000768	0.000131	0.000952	0.000326
2033 Mar	0.00012	0.00089	0.0143	0.00000201	3.26	2.76	0.0178	0.000846	36.4	0.00147	0.00442	0.0000413	0.000314	0.000145	0.144	0.00000226	0.000768	0.000131	0.000952	0.000326
2033 Apr	0.00012	0.00089	0.0143	0.00000201	3.26	2.76	0.0178	0.000847	36.4	0.00147	0.00442	0.0000413	0.000314	0.000145	0.144	0.00000227	0.000769	0.000131	0.000952	0.000326
2033 May	0.000126	0.000914	0.0147	0.0000021	3.63	3.03	0.0203	0.000967	40.9	0.00162	0.00444	0.0000429	0.000362	0.000162	0.163	0.00000231	0.000883	0.000143	0.000978	0.000334
2033 Jun	0.000134	0.000945	0.0156	0.00000237	4.13	3.39	0.0238	0.00113	46.6	0.00184	0.00446	0.0000468	0.000424	0.000184	0.188	0.00000236	0.00104	0.000161	0.00101	0.000372
2033 Jul	0.000128	0.000939	0.0157	0.00000223	3.88	3.21	0.0223	0.00105	43.1	0.00175	0.00446	0.0000485	0.000395	0.000173	0.176	0.00000234	0.000963	0.000155	0.000994	0.000333
2033 Aug	0.000121	0.000912	0.0153	0.000002	3.45	2.91	0.0195	0.00091	37.5	0.00157	0.00442	0.0000461	0.000341	0.000154	0.155	0.0000023	0.000828	0.000142	0.000967	0.000282
2033 Sep	0.00012	0.000892	0.0149	0.00000186	3.24	2.76	0.0181	0.000841	34.5	0.00146	0.0044	0.0000437	0.000315	0.000145	0.145	0.00000227	0.00076	0.000133	0.000953	0.000254
2033 Oct	0.000122	0.000892	0.0148	0.00000186	3.27	2.79	0.0182	0.000852	34.7	0.00147	0.00441	0.000044	0.000319	0.000146	0.147	0.00000227	0.00077	0.000133	0.000953	0.000251

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2033 Nov	0.000122	0.000894	0.0148	0.00000187	3.3	2.81	0.0184	0.000861	35	0.00148	0.00441	0.0000441	0.000322	0.000148	0.148	0.00000227	0.000779	0.000134	0.000954	0.000252
2033 Dec	0.000122	0.000894	0.0148	0.00000187	3.3	2.81	0.0184	0.000862	35.1	0.00148	0.00441	0.0000441	0.000323	0.000148	0.148	0.00000227	0.00078	0.000134	0.000955	0.000252
2034 Jan	0.000122	0.000894	0.0148	0.00000187	3.31	2.81	0.0185	0.000862	35.1	0.00148	0.00441	0.0000441	0.000323	0.000148	0.148	0.00000227	0.00078	0.000134	0.000955	0.000252
2034 Feb	0.000122	0.000894	0.0148	0.00000187	3.31	2.81	0.0185	0.000862	35.1	0.00148	0.00441	0.0000441	0.000323	0.000148	0.148	0.00000227	0.00078	0.000134	0.000955	0.000252
2034 Mar	0.000122	0.000894	0.0148	0.00000187	3.31	2.81	0.0185	0.000863	35.1	0.00148	0.00441	0.0000441	0.000323	0.000148	0.148	0.00000227	0.00078	0.000134	0.000955	0.000252
2034 Apr	0.000122	0.000895	0.0148	0.00000187	3.31	2.81	0.0185	0.000863	35.1	0.00148	0.00441	0.0000441	0.000323	0.000148	0.148	0.00000227	0.00078	0.000134	0.000955	0.000252
2034 May	0.000123	0.000896	0.0149	0.00000188	3.33	2.83	0.0186	0.000869	35.3	0.00149	0.00442	0.0000443	0.000325	0.000149	0.149	0.00000228	0.000786	0.000135	0.000957	0.000253
2034 Jun	0.000124	0.000902	0.0153	0.00000194	3.41	2.88	0.0192	0.000894	36	0.00153	0.00443	0.0000459	0.000335	0.000152	0.153	0.00000228	0.000811	0.000139	0.000962	0.000262
2034 Jul	0.000122	0.000906	0.0155	0.00000192	3.38	2.86	0.0191	0.000886	35.3	0.00153	0.00443	0.0000471	0.000333	0.000151	0.152	0.00000228	0.000803	0.000139	0.000961	0.000264
2034 Aug	0.000118	0.000892	0.0152	0.0000018	3.15	2.7	0.0176	0.000813	32.5	0.00143	0.00442	0.0000457	0.000305	0.000141	0.141	0.00000226	0.000732	0.000132	0.000948	0.000241
2034 Sep	0.000118	0.000881	0.0149	0.00000172	3.04	2.62	0.0169	0.000776	30.8	0.00137	0.0044	0.0000442	0.00029	0.000136	0.135	0.00000225	0.000696	0.000128	0.00094	0.000234
2034 Oct	0.000119	0.000881	0.0149	0.00000171	3.06	2.64	0.017	0.000782	30.9	0.00138	0.00441	0.0000443	0.000293	0.000137	0.137	0.00000225	0.000701	0.000128	0.000941	0.000242
2034 Nov	0.000119	0.000882	0.0149	0.00000171	3.07	2.65	0.0171	0.000787	31	0.00138	0.00441	0.0000444	0.000295	0.000138	0.137	0.00000225	0.000706	0.000128	0.000942	0.000244
2034 Dec	0.000119	0.000882	0.0149	0.00000171	3.07	2.65	0.0171	0.000787	31	0.00138	0.00441	0.0000444	0.000295	0.000138	0.137	0.00000225	0.000706	0.000128	0.000942	0.000244
2035 Jan	0.000119	0.000882	0.0149	0.00000171	3.07	2.65	0.0171	0.000787	31	0.00138	0.00441	0.0000444	0.000295	0.000138	0.137	0.00000225	0.000706	0.000128	0.000942	0.000244
2035 Feb	0.000119	0.000882	0.0149	0.00000171	3.07	2.65	0.0171	0.000788	31	0.00138	0.00441	0.0000444	0.000295	0.000138	0.137	0.00000225	0.000706	0.000128	0.000942	0.000244
2035 Mar	0.000119	0.000882	0.0149	0.00000171	3.08	2.65	0.0171	0.000788	31	0.00138	0.00441	0.0000444	0.000295	0.000138	0.137	0.00000225	0.000706	0.000128	0.000942	0.000244
2035 Apr	0.000119	0.000882	0.0149	0.00000171	3.08	2.65	0.0171	0.000788	31	0.00139	0.00441	0.0000444	0.000295	0.000138	0.138	0.00000225	0.000706	0.000128	0.000942	0.000244
2035 May	0.000119	0.000883	0.0149	0.00000172	3.08	2.66	0.0171	0.000789	31.1	0.00139	0.00442	0.0000444	0.000296	0.000138	0.138	0.00000225	0.000708	0.000128	0.000943	0.000245
2035 Jun	0.00012	0.000887	0.0151	0.00000177	3.15	2.71	0.0176	0.000812	31.6	0.00142	0.00442	0.0000453	0.000305	0.000141	0.141	0.00000226	0.00073	0.000131	0.000947	0.000261
2035 Jul	0.000118	0.000885	0.0152	0.00000174	3.06	2.64	0.0171	0.000785	30.5	0.00139	0.00442	0.0000458	0.000294	0.000138	0.137	0.00000225	0.000704	0.00013	0.000942	0.000256
2035 Aug	0.000115	0.000878	0.0151	0.00000168	2.94	2.55	0.0163	0.000745	28.9	0.00134	0.00441	0.0000449	0.000279	0.000132	0.131	0.00000224	0.000666	0.000126	0.000935	0.000244
2035 Sep	0.000116	0.000872	0.0149	0.00000164	2.9	2.53	0.016	0.000733	28.2	0.00132	0.0044	0.0000439	0.000274	0.00013	0.129	0.00000223	0.000653	0.000124	0.000931	0.000246
2035 Oct	0.000116	0.00087	0.0148	0.00000162	2.88	2.51	0.0158	0.000725	27.8	0.0013	0.00441	0.0000439	0.000271	0.000129	0.128	0.00000223	0.000645	0.000122	0.000929	0.000245
2035 Nov	0.000116	0.000871	0.0148	0.00000163	2.9	2.53	0.016	0.000733	28	0.00131	0.0044	0.000044	0.000274	0.00013	0.129	0.00000223	0.000653	0.000123	0.000931	0.00025
2035 Dec	0.000116	0.000871	0.0148	0.00000163	2.91	2.53	0.016	0.000733	28	0.00131	0.0044	0.000044	0.000274	0.00013	0.129	0.00000223	0.000653	0.000123	0.000931	0.00025
2036 Jan	0.000116	0.000871	0.0148	0.00000163	2.91	2.53	0.016	0.000733	28	0.00131	0.0044	0.000044	0.000274	0.00013	0.129	0.00000223	0.000653	0.000123	0.000931	0.00025
2036 Feb	0.000116	0.000871	0.0148	0.00000163	2.91	2.53	0.016	0.000733	28	0.00131	0.0044	0.000044	0.000274	0.00013	0.129	0.00000223	0.000653	0.000123	0.000931	0.00025
2036 Mar	0.000116	0.000871	0.0148	0.00000163	2.91	2.53	0.016	0.000733	28	0.00131	0.0044	0.000044	0.000274	0.00013	0.129	0.00000223	0.000653	0.000123	0.000931	0.00025
2036 Apr	0.000116	0.000871	0.0148	0.00000163	2.91	2.53	0.016	0.000734	28	0.00131	0.00441	0.000044	0.000274	0.00013	0.129	0.00000223	0.000654	0.000123	0.000931	0.00025
2036 May	0.000117	0.000872	0.0149	0.00000163	2.91	2.53	0.016	0.000734	28	0.00131	0.00441	0.000044	0.000275	0.000131	0.13	0.00000223	0.000654	0.000123	0.000932	0.000251
2036 Jun	0.000117	0.000873	0.0149	0.00000165	2.93	2.55	0.0162	0.000742	28.2	0.00133	0.00441	0.0000443	0.000278	0.000132	0.131	0.00000223	0.000662	0.000124	0.000933	0.000258
2036 Jul	0.000115	0.000873	0.015	0.00000164	2.89	2.52	0.0159	0.000729	27.5	0.00131	0.00441	0.0000447	0.000273	0.00013	0.129	0.00000223	0.00065	0.000124	0.000931	0.000256
2036 Aug	0.000113	0.000868	0.0149	0.00000159	2.79	2.45	0.0153	0.000697	26.3	0.00127	0.0044	0.000044	0.00026	0.000125	0.124	0.00000222	0.000618	0.000121	0.000926	0.000244
2036 Sep	0.000113	0.000861	0.0147	0.00000154	2.72	2.4	0.0148	0.000674	25.4	0.00124	0.0044	0.0000432	0.000252	0.000122	0.12	0.00000221	0.000595	0.000118	0.000921	0.000237
2036 Oct	0.000113	0.00086	0.0147	0.00000153	2.71	2.39	0.0147	0.00067	25.1	0.00123	0.0044	0.0000432	0.00025	0.000122	0.12	0.00000221	0.000592	0.000117	0.00092	0.000237
2036 Nov	0.000113	0.00086	0.0147	0.00000153	2.72	2.4	0.0148	0.000674	25.2	0.00123	0.0044	0.0000432	0.000252	0.000122	0.12	0.00000221	0.000595	0.000117	0.000921	0.000239
2036 Dec	0.000113	0.000861	0.0147	0.00000153	2.72	2.4	0.0148	0.000675	25.2	0.00124	0.0044	0.0000432	0.000252	0.000122	0.121	0.00000221	0.000596	0.000118	0.000921	0.00024
2037 Jan	0.000113	0.000861	0.0147	0.00000153	2.72	2.4	0.0148	0.000675	25.2	0.00124	0.0044	0.0000432	0.000252	0.000122	0.121	0.00000221	0.000596	0.000118	0.000921	0.00024
2037 Feb	0.000113	0.000861	0.0147	0.00000153	2.72	2.4	0.0148	0.000675	25.2	0.00124	0.0044	0.0000432	0.000252	0.000122	0.121	0.00000221	0.000596	0.000118	0.000921	0.00024
2037 Mar	0.000113	0.000861	0.0147	0.00000153	2.72	2.4	0.0148	0.000675	25.2	0.00124	0.0044	0.0000432	0.000252	0.000122	0.121	0.00000221	0.000596	0.000118	0.000921	0.00024
2037 Apr	0.000113	0.000861	0.0147	0.00000153	2.72	2.4	0.0148	0.000675	25.2	0.00124	0.0044	0.0000432	0.000252	0.000122	0.121	0.00000221	0.000596	0.000118	0.000921	0.00024
2037 May	0.000114	0.000862	0.0148	0.00000154	2.74	2.41	0.0149	0.00068	25.4	0.00124	0.00441	0.0000435	0.000254	0.000123	0.121	0.00000221	0.000601	0.000118	0.000922	0.000242
2037 Jun	0.000114	0.000863	0.0149	0.00000156	2.77	2.43	0.0152	0.000689	25.5	0.00126	0.0044	0.0000441	0.000258	0.000124	0.123	0.00000221	0.00061	0.00012	0.000923	0.000249
2037 Jul	0.000113	0.000863	0.0149	0.00000154	2.71	2.4	0.0148	0.000673	24.9	0.00124	0.00441	0.0000445	0.000252	0.000122	0.12	0.00000221	0.000594	0.000119	0.000921	0.000244
2037 Aug	0.000111	0.000859	0.0149	0.0000015	2.65	2.35	0.0144	0.000651	24	0.00121	0.0044	0.0000441	0.000243	0.000119	0.117	0.0000022	0.000573	0.000117	0.000917	0.000236
2037 Sep	0.000111	0.000854	0.0147	0.00000147	2.59	2.31	0.014	0.000632	23.3	0.00118	0.0044	0.0000434	0.000236	0.000117	0.114	0.0000022	0.000554	0.000115	0.000914	0.000229
2037 Oct	0.000111	0.000853	0.0147	0.00000145	2.58	2.3	0.0139	0.000629	23.1	0.00118	0.0044	0.0000435	0.000235	0.000116	0.114	0.0000022	0.000551	0.000114	0.000913	0.000229
2037 Nov	0.000111	0.000853	0.0147	0.00000145	2.59	2.31	0.014	0.00063	23.1	0.00118	0.0044	0.0000435	0.000235	0.000116	0.114	0.0000022	0.000552	0.000114	0.000913	0.00023
2037 Dec	0.000111	0.000853	0.0147	0.00000145	2.59	2.31	0.014	0.00063	23.1	0.00118	0.0044	0.0000435	0.000235	0.000116	0.114	0.0000022	0.000553	0.000114	0.000913	0.00023
2038 Jan	0.000111	0.000853	0.0147	0.00000145	2.59	2.31	0.014	0.00063	23.1	0.00118	0.0044	0.0000435	0.000235	0.000116	0.114	0.0000022	0.000553	0.000114	0.000913	0.00023
2038 Feb	0.000111	0.000853	0.0147	0.00000145	2.59	2.31	0.014	0.00063	23.1	0.00118	0.0044	0.0000435	0.000235	0.000116	0.114	0.0000022	0.000553	0.000114	0.000913	0.00023
2038 Mar	0.000111	0.000853	0.0147	0.00000145	2.59	2.31	0.014	0.00063	23.1	0.00118	0.0044	0.0000435	0.000235	0.000116	0.114	0.0000022	0.000553	0.000114	0.000913	0.00023
2038 Apr	0.000111	0.000853	0.0147	0.00000145	2.59	2.31	0.014	0.00063	23.1	0.00118	0.0044	0.0000435	0.000235	0.000117	0.114	0.0000022	0.000553	0.000114	0.000913	0.00023
2038 May	0.000112	0.000854	0.0147	0.00000146	2.59	2.31	0.014	0.000632	23.2	0.00118	0.0044	0.0000436	0.000236	0.000117	0.114	0.0000022	0.000554	0.000114	0.000914	0.000231
2038 Jun	0.000112	0.000856	0.0149	0.00000147	2.63	2.34	0.0143	0.000644	23.4	0.0012	0.00441	0.000044	0.000241	0.000118	0.116	0.0000022	0.000565	0.000116	0.000916	0.000237
2038 Jul	0.000113	0.000857	0.0149	0.00000148	2.64	2.35	0.0144	0.000647	23.5	0.0012	0.00441	0.0000442	0.000242	0.000119	0.117	0.0000022	0.000569	0.000117	0.000918	0.000239
2038 Aug	0.000113	0.000859	0.0149	0.00000149	2.66	2.36	0.0145	0.000653	23.6	0.00121	0.00442	0.0000443	0.000244	0.00012	0.118	0.00000221	0.000574	0.000117	0.00092	0.000242
2038 Sep	0.000114	0.000861	0.015	0.0000015	2.69	2.38	0.0147	0.000662	23.8	0.00122	0.00442	0.0000445	0.000248	0.000121	0.119	0.00000221	0.000582	0.000118	0.000922	0.000247
2038 Oct	0.000114	0.000863	0.015	0.0000015	2.71	2.4	0.0149	0.00067	24	0.00123	0.00442	0.0000446	0.000251	0.000122	0.12	0.00000221	0.00059	0.000119	0.000924	0.000251
2038 Nov	0.000114	0.000863	0.015	0.00000151	2.71	2.4	0.0149	0.000671	24	0.00123	0.00442	0.0000446	0.000251	0.000122	0.121	0.00000222	0.000591	0.000119	0.000924	0.000252
2038 Dec	0.000114	0.000863	0.015	0.00000151	2.71	2.4	0.0149	0.000671	24	0.00123	0.00442	0.0000446	0.000252	0.000122	0.121	0.00000222	0.000591	0.000119	0.000924	0.000252
2039 Jan	0.000114	0.000863	0.015	0.00000151	2.71	2.4	0.0149	0.000671	24	0.00123	0.00442	0.0000446	0.000252	0.000122	0.121	0.00000222	0.000591	0.000119	0.000924	0.000252
2039 Feb	0.000114	0.000863	0.015	0.00000151	2.71	2.4	0.0149	0.000672	24	0.00123	0.00442	0.0000446	0.000252	0.000122	0.121	0.00000222	0.000592	0.000119	0.000924	0.000252
2039 Mar	0.000114	0.000863	0.015	0.00000151	2.71	2.4	0.0149	0.000672	24	0.00123	0.00442	0.0000446	0.000252	0.000122	0.121	0.00000222	0.000592	0.000119	0.000924	0.000252
2039 Apr	0.000114	0.000863	0.015	0.00000151	2.72	2.4	0.0149	0.000672	24	0.00123	0.00442	0.0000446	0.000252	0.000122	0.121	0.00000222	0.000592	0.000119	0.000924	0.000252
2039 May	0.000114	0.000863	0.015	0.00000151	2.72	2.4	0.0149	0.000672	24	0.00123	0.00442	0.0000446	0.000252	0.000122	0.121	0.00000222	0.000592	0.000119	0.000925	0.000252

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Jun	0.000117	0.000871	0.0152	0.00000154	2.86	2.51	0.0159	0.000719	24.9	0.00129	0.00442	0.0000449	0.000271	0.000129	0.128	0.00000223	0.000637	0.000124	0.000934	0.000278
2039 Jul	0.000118	0.000874	0.0152	0.00000157	2.92	2.55	0.0163	0.00074	25.3	0.00132	0.00442	0.000045	0.000279	0.000132	0.131	0.00000224	0.000656	0.000126	0.000937	0.00029
2039 Aug	0.000119	0.000877	0.0153	0.00000158	2.98	2.59	0.0166	0.000758	25.6	0.00134	0.00443	0.0000452	0.000286	0.000134	0.134	0.00000225	0.000673	0.000127	0.000942	0.0003
2039 Sep	0.000119	0.000879	0.0153	0.00000159	3	2.61	0.0168	0.000766	25.8	0.00136	0.00443	0.0000452	0.000289	0.000135	0.135	0.00000225	0.000681	0.000128	0.000944	0.000305
2039 Oct	0.00012	0.000881	0.0153	0.0000016	3.03	2.63	0.017	0.000774	25.9	0.00137	0.00443	0.0000453	0.000293	0.000137	0.137	0.00000225	0.000689	0.000129	0.000945	0.000309
2039 Nov	0.00012	0.000881	0.0153	0.0000016	3.03	2.63	0.017	0.000776	26	0.00137	0.00443	0.0000453	0.000293	0.000137	0.137	0.00000225	0.00069	0.000129	0.000946	0.00031
2039 Dec	0.00012	0.000881	0.0153	0.0000016	3.03	2.63	0.017	0.000776	26	0.00137	0.00443	0.0000453	0.000293	0.000137	0.137	0.00000225	0.000691	0.000129	0.000946	0.00031
2040 Jan	0.00012	0.000881	0.0153	0.0000016	3.03	2.63	0.017	0.000776	26	0.00137	0.00443	0.0000453	0.000293	0.000137	0.137	0.00000225	0.000691	0.000129	0.000946	0.00031
2040 Feb	0.00012	0.000881	0.0153	0.0000016	3.03	2.63	0.017	0.000776	26	0.00137	0.00443	0.0000453	0.000293	0.000137	0.137	0.00000225	0.000691	0.000129	0.000946	0.00031
2040 Mar	0.00012	0.000881	0.0153	0.0000016	3.03	2.63	0.017	0.000776	26	0.00137	0.00443	0.0000453	0.000293	0.000137	0.137	0.00000225	0.000691	0.000129	0.000946	0.000311
2040 Apr	0.00012	0.000881	0.0153	0.0000016	3.03	2.63	0.017	0.000777	26	0.00137	0.00443	0.0000453	0.000293	0.000137	0.137	0.00000225	0.000691	0.000129	0.000946	0.000311
2040 May	0.00012	0.000882	0.0154	0.0000016	3.04	2.64	0.017	0.000778	26	0.00137	0.00443	0.0000453	0.000294	0.000137	0.137	0.00000225	0.000692	0.000129	0.000946	0.000311
2040 Jun	0.000121	0.000883	0.0155	0.00000162	3.08	2.66	0.0173	0.000791	26.2	0.00139	0.00443	0.0000458	0.000299	0.000139	0.139	0.00000226	0.000704	0.000131	0.000949	0.000319
2040 Jul	0.000121	0.000885	0.0155	0.00000163	3.09	2.68	0.0175	0.000795	26.3	0.00139	0.00444	0.0000459	0.000301	0.00014	0.14	0.00000226	0.000709	0.000132	0.00095	0.000322
2040 Aug	0.000121	0.000887	0.0156	0.00000164	3.12	2.69	0.0176	0.000803	26.4	0.0014	0.00444	0.0000461	0.000304	0.000141	0.141	0.00000226	0.000716	0.000133	0.000953	0.000326
2040 Sep	0.000122	0.000889	0.0156	0.00000165	3.15	2.71	0.0178	0.000813	26.6	0.00142	0.00444	0.0000462	0.000308	0.000142	0.143	0.00000227	0.000726	0.000134	0.000955	0.000332
2040 Oct	0.000122	0.00089	0.0156	0.00000165	3.16	2.72	0.0179	0.000816	26.7	0.00142	0.00445	0.0000462	0.000309	0.000142	0.143	0.00000227	0.000729	0.000134	0.000956	0.000334
2040 Nov	0.000122	0.00089	0.0156	0.00000165	3.16	2.72	0.0179	0.000817	26.7	0.00142	0.00445	0.0000463	0.000309	0.000143	0.143	0.00000227	0.000729	0.000134	0.000956	0.000334
2040 Dec	0.000122	0.00089	0.0156	0.00000165	3.16	2.72	0.0179	0.000817	26.7	0.00142	0.00445	0.0000463	0.000309	0.000143	0.143	0.00000227	0.000729	0.000134	0.000956	0.000334
2041 Jan	0.000122	0.00089	0.0156	0.00000165	3.16	2.72	0.0179	0.000817	26.7	0.00142	0.00445	0.0000463	0.000309	0.000143	0.143	0.00000227	0.000729	0.000134	0.000956	0.000334
2041 Feb	0.000122	0.00089	0.0156	0.00000165	3.16	2.72	0.0179	0.000817	26.7	0.00142	0.00445	0.0000463	0.000309	0.000143	0.143	0.00000227	0.000729	0.000134	0.000956	0.000334
2041 Mar	0.000122	0.00089	0.0156	0.00000165	3.16	2.72	0.0179	0.000817	26.7	0.00142	0.00445	0.0000463	0.000309	0.000143	0.143	0.00000227	0.000729	0.000134	0.000956	0.000334
2041 Apr	0.000122	0.00089	0.0156	0.00000165	3.16	2.72	0.0179	0.000817	26.7	0.00142	0.00445	0.0000463	0.00031	0.000143	0.143	0.00000227	0.000729	0.000134	0.000956	0.000334
2041 May	0.000123	0.000891	0.0157	0.00000166	3.18	2.74	0.018	0.000823	26.8	0.00143	0.00445	0.0000463	0.000312	0.000143	0.144	0.00000227	0.000735	0.000135	0.000957	0.000338
2041 Jun	0.000123	0.000893	0.0157	0.00000168	3.23	2.78	0.0184	0.000841	27.1	0.00145	0.00445	0.0000465	0.000319	0.000146	0.147	0.00000228	0.000752	0.000136	0.000961	0.000348
2041 Jul	0.000124	0.000894	0.0158	0.0000017	3.26	2.8	0.0186	0.000851	27.2	0.00147	0.00444	0.0000465	0.000323	0.000147	0.149	0.00000228	0.000761	0.000137	0.000962	0.000355
2041 Aug	0.000124	0.000896	0.0158	0.00000171	3.28	2.81	0.0187	0.000857	27.3	0.00147	0.00445	0.0000466	0.000325	0.000148	0.15	0.00000228	0.000767	0.000138	0.000964	0.000358
2041 Sep	0.000125	0.000898	0.0159	0.00000172	3.31	2.84	0.019	0.000868	27.5	0.00149	0.00445	0.0000467	0.00033	0.00015	0.151	0.00000229	0.000778	0.000139	0.000967	0.000365
2041 Oct	0.000125	0.0009	0.0159	0.00000173	3.35	2.86	0.0192	0.000878	27.6	0.0015	0.00445	0.0000468	0.000334	0.000151	0.153	0.00000229	0.000788	0.00014	0.000969	0.000371
2041 Nov	0.000126	0.000901	0.0159	0.00000173	3.36	2.87	0.0193	0.000884	27.7	0.00151	0.00445	0.0000468	0.000336	0.000152	0.154	0.00000229	0.000793	0.000141	0.00097	0.000374
2041 Dec	0.000126	0.000901	0.0159	0.00000173	3.36	2.87	0.0193	0.000884	27.7	0.00151	0.00445	0.0000468	0.000336	0.000152	0.154	0.00000229	0.000793	0.000141	0.00097	0.000375
2042 Jan	0.000126	0.000901	0.0159	0.00000173	3.36	2.87	0.0193	0.000884	27.7	0.00151	0.00445	0.0000468	0.000336	0.000152	0.154	0.00000229	0.000793	0.000141	0.00097	0.000375
2042 Feb	0.000126	0.000901	0.0159	0.00000173	3.36	2.87	0.0193	0.000884	27.7	0.00151	0.00445	0.0000468	0.000336	0.000152	0.154	0.00000229	0.000793	0.000141	0.00097	0.000375
2042 Mar	0.000126	0.000901	0.0159	0.00000173	3.36	2.87	0.0193	0.000885	27.7	0.00151	0.00445	0.0000468	0.000336	0.000152	0.154	0.00000229	0.000793	0.000141	0.00097	0.000375
2042 Apr	0.000126	0.000901	0.0159	0.00000173	3.36	2.87	0.0193	0.000885	27.7	0.00151	0.00446	0.0000468	0.000336	0.000152	0.154	0.00000229	0.000794	0.000141	0.000971	0.000375
2042 May	0.000126	0.000902	0.0159	0.00000173	3.37	2.88	0.0193	0.000886	27.7	0.00151	0.00446	0.0000468	0.000337	0.000152	0.154	0.0000023	0.000795	0.000141	0.000971	0.000376
2042 Jun	0.000126	0.000903	0.0159	0.00000174	3.39	2.89	0.0195	0.000894	27.8	0.00152	0.00446	0.0000469	0.00034	0.000153	0.155	0.0000023	0.000803	0.000142	0.000973	0.000381
2042 Jul	0.000127	0.000905	0.016	0.00000176	3.43	2.92	0.0197	0.000905	28	0.00154	0.00446	0.000047	0.000345	0.000155	0.157	0.0000023	0.000813	0.000143	0.000975	0.000388
2042 Aug	0.000128	0.000907	0.016	0.00000178	3.48	2.96	0.0201	0.000923	28.2	0.00156	0.00446	0.000047	0.000352	0.000157	0.16	0.00000231	0.00083	0.000145	0.000979	0.000399
2042 Sep	0.000128	0.00091	0.0161	0.00000179	3.52	2.98	0.0203	0.000937	28.4	0.00158	0.00446	0.0000471	0.000357	0.000159	0.162	0.00000231	0.000843	0.000146	0.000981	0.000408
2042 Oct	0.000129	0.000911	0.0161	0.0000018	3.55	3.01	0.0205	0.000948	28.5	0.00159	0.00446	0.0000471	0.000361	0.000161	0.164	0.00000231	0.000853	0.000147	0.000983	0.000415
2042 Nov	0.000129	0.000912	0.0161	0.00000181	3.57	3.02	0.0207	0.000953	28.6	0.0016	0.00446	0.0000471	0.000363	0.000161	0.164	0.00000232	0.000858	0.000147	0.000984	0.000418
2042 Dec	0.000129	0.000912	0.0161	0.00000181	3.57	3.02	0.0207	0.000953	28.6	0.0016	0.00446	0.0000471	0.000364	0.000161	0.165	0.00000232	0.000859	0.000147	0.000984	0.000418
2043 Jan	0.000129	0.000912	0.0161	0.00000181	3.57	3.02	0.0207	0.000953	28.6	0.0016	0.00446	0.0000471	0.000364	0.000161	0.165	0.00000232	0.000859	0.000147	0.000984	0.000418
2043 Feb	0.000129	0.000912	0.0161	0.00000181	3.57	3.02	0.0207	0.000953	28.6	0.0016	0.00446	0.0000471	0.000364	0.000161	0.165	0.00000232	0.000859	0.000147	0.000984	0.000418
2043 Mar	0.000129	0.000912	0.0161	0.00000181	3.57	3.02	0.0207	0.000953	28.6	0.0016	0.00446	0.0000471	0.000364	0.000161	0.165	0.00000232	0.000859	0.000147	0.000984	0.000418
2043 Apr	0.000129	0.000913	0.0161	0.00000181	3.57	3.02	0.0207	0.000953	28.6	0.0016	0.00446	0.0000471	0.000364	0.000161	0.165	0.00000232	0.000859	0.000147	0.000984	0.000418
2043 May	0.000129	0.000913	0.0161	0.00000181	3.58	3.02	0.0207	0.000955	28.6	0.0016	0.00446	0.0000472	0.000364	0.000162	0.165	0.00000232	0.00086	0.000147	0.000985	0.000419
2043 Jun	0.00013	0.000915	0.0162	0.00000183	3.61	3.05	0.0209	0.000965	28.8	0.00161	0.00446	0.0000476	0.000368	0.000163	0.166	0.00000232	0.00087	0.000149	0.000987	0.000426
2043 Jul	0.00013	0.000917	0.0163	0.00000184	3.63	3.07	0.0211	0.000973	28.9	0.00162	0.00447	0.0000478	0.000371	0.000164	0.168	0.00000233	0.000877	0.00015	0.000989	0.00043
2043 Aug	0.000131	0.000919	0.0163	0.00000185	3.66	3.09	0.0213	0.000981	29	0.00164	0.00447	0.0000479	0.000375	0.000165	0.169	0.00000233	0.000885	0.000151	0.000992	0.000436
2043 Sep	0.000132	0.000921	0.0164	0.00000186	3.7	3.11	0.0215	0.000993	29.1	0.00165	0.00448	0.000048	0.000379	0.000167	0.171	0.00000234	0.000897	0.000152	0.000995	0.000443
2043 Oct	0.000132	0.000923	0.0164	0.00000187	3.73	3.14	0.0218	0.001	29.3	0.00167	0.00448	0.0000481	0.000384	0.000169	0.173	0.00000234	0.000907	0.000153	0.000997	0.000451
2043 Nov	0.000133	0.000924	0.0164	0.00000187	3.75	3.15	0.0219	0.00101	29.3	0.00167	0.00448	0.0000482	0.000386	0.000169	0.174	0.00000234	0.000913	0.000154	0.000998	0.000454
2043 Dec	0.000133	0.000924	0.0164	0.00000187	3.75	3.15	0.0219	0.00101	29.3	0.00167	0.00448	0.0000482	0.000386	0.000169	0.174	0.00000234	0.000913	0.000154	0.000998	0.000455
2044 Jan	0.000133	0.000924	0.0164	0.00000187	3.75	3.15	0.0219	0.00101	29.3	0.00167	0.00448	0.0000482	0.000386	0.000169	0.174	0.00000234	0.000913	0.000154	0.000998	0.000455
2044 Feb	0.000133	0.000924	0.0164	0.00000187	3.75	3.15	0.0219	0.00101	29.3	0.00167	0.00448	0.0000482	0.000387	0.000169	0.174	0.00000234	0.000914	0.000154	0.000998	0.000455
2044 Mar	0.000133	0.000924	0.0164	0.00000187	3.75	3.15	0.0219	0.00101	29.3	0.00167	0.00448	0.0000482	0.000387	0.000169	0.174	0.00000234	0.000914	0.000154	0.000998	0.000455
2044 Apr	0.000133	0.000924	0.0164	0.00000187	3.75	3.15	0.0219	0.00101	29.3	0.00167	0.00448	0.0000482	0.000387	0.000169	0.174	0.00000234	0.000914	0.000154	0.000998	0.000455
2044 May	0.000133	0.000925	0.0164	0.00000188	3.75	3.15	0.0219	0.00101	29.4	0.00168	0.00448	0.0000482	0.000387	0.00017	0.174	0.00000234	0.000914	0.000154	0.000998	0.000455
2044 Jun	0.000133	0.000926	0.0165	0.00000189	3.78	3.18	0.0221	0.00102	29.5	0.00169	0.00447	0.0000483	0.000391	0.000171	0.175	0.00000234	0.000925	0.000155	0.001	0.000463
2044 Jul	0.000134	0.000927	0.0165	0.00000191	3.8	3.19	0.0223	0.00103	29.5	0.0017	0.00448	0.0000484	0.000394	0.000172	0.176	0.00000235	0.000931	0.000156	0.001	0.000467
2044 Aug	0.000134	0.000929	0.0166	0.00000191	3.82	3.2	0.0224	0.00103	29.6	0.0017	0.00449	0.0000485	0.000395	0.000173	0.177	0.00000235	0.000935	0.000156	0.001	0.00047
2044 Sep	0.000134	0.00093	0.0166	0.00000192	3.85	3.22	0.0226	0.00104	29.7	0.00172	0.00449	0.0000486	0.000399	0.000174	0.179	0.00000235	0.000944	0.000157	0.00101	0.000476
2044 Oct	0.000135	0.000932	0.0166	0.00000193	3.87	3.24	0.0227	0.00105	29.8	0.00173	0.00449	0.0000486	0.000403	0.000175	0.18	0.00000236	0.000953	0.000158	0.00101	0.000482
2044 Nov	0.000135	0.000932	0.0166	0.00000194	3.88	3.25	0.0228	0.00105	29.8	0.00173	0.00449	0.0000486	0.000404	0.000175	0.18	0.00000236	0.000955	0.000158	0.00101	0.000484
2044 Dec	0.000135	0.000932	0.0166	0.00000194	3.88	3.25	0.0228	0.00105	29.8	0.00173	0.00449	0.0000486	0.000404	0.000175	0.18	0.00000236	0.000955	0.000158	0.00101	0.000484

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2045 Jan	0.000135	0.000932	0.0166	0.00000194	3.88	3.25	0.0228	0.00106	29.8	0.00173	0.00449	0.0000486	0.000404	0.000175	0.18	0.00000236	0.000955	0.000158	0.00101	0.000484
2045 Feb	0.000135	0.000932	0.0166	0.00000194	3.88	3.25	0.0228	0.00106	29.8	0.00173	0.00449	0.0000486	0.000404	0.000175	0.18	0.00000236	0.000955	0.000158	0.00101	0.000484
2045 Mar	0.000135	0.000932	0.0166	0.00000194	3.88	3.25	0.0228	0.00106	29.8	0.00173	0.00449	0.0000486	0.000404	0.000175	0.18	0.00000236	0.000955	0.000158	0.00101	0.000484
2045 Apr	0.000135	0.000932	0.0166	0.00000194	3.88	3.25	0.0228	0.00106	29.8	0.00173	0.00449	0.0000486	0.000404	0.000175	0.18	0.00000236	0.000955	0.000158	0.00101	0.000484
2045 May	0.000135	0.000933	0.0166	0.00000194	3.88	3.25	0.0228	0.00106	29.8	0.00173	0.00449	0.0000486	0.000404	0.000176	0.181	0.00000236	0.000955	0.000158	0.00101	0.000484
2045 Jun	0.000137	0.000938	0.0167	0.00000197	3.99	3.33	0.0235	0.00109	30.2	0.00178	0.00449	0.0000488	0.000418	0.000181	0.186	0.00000237	0.000989	0.000162	0.00101	0.000509
2045 Jul	0.000137	0.00094	0.0168	0.00000198	4.02	3.35	0.0237	0.0011	30.3	0.00179	0.00449	0.0000488	0.000422	0.000182	0.188	0.00000237	0.000999	0.000163	0.00102	0.000516
2045 Aug	0.000138	0.000942	0.0168	0.00000199	4.04	3.36	0.0238	0.00111	30.3	0.0018	0.00449	0.0000489	0.000424	0.000183	0.188	0.00000238	0.001	0.000163	0.00102	0.000519
2045 Sep	0.000138	0.000943	0.0168	0.000002	4.06	3.37	0.0239	0.00111	30.4	0.0018	0.00449	0.0000489	0.000426	0.000183	0.189	0.00000238	0.00101	0.000164	0.00102	0.000523
2045 Oct	0.000138	0.000944	0.0168	0.000002	4.07	3.38	0.024	0.00112	30.4	0.00181	0.0045	0.000049	0.000428	0.000184	0.19	0.00000238	0.00101	0.000164	0.00102	0.000525
2045 Nov	0.000138	0.000944	0.0168	0.000002	4.07	3.38	0.024	0.00112	30.4	0.00181	0.0045	0.000049	0.000428	0.000184	0.19	0.00000238	0.00101	0.000164	0.00102	0.000526
2045 Dec	0.000138	0.000944	0.0168	0.000002	4.07	3.38	0.024	0.00112	30.4	0.00181	0.0045	0.000049	0.000428	0.000184	0.19	0.00000238	0.00101	0.000164	0.00102	0.000526
2046 Jan	0.000138	0.000944	0.0168	0.000002	4.07	3.38	0.024	0.00112	30.4	0.00181	0.0045	0.000049	0.000428	0.000184	0.19	0.00000238	0.00101	0.000164	0.00102	0.000526
2046 Feb	0.000138	0.000944	0.0168	0.000002	4.07	3.38	0.024	0.00112	30.4	0.00181	0.0045	0.000049	0.000428	0.000184	0.19	0.00000238	0.00101	0.000164	0.00102	0.000526
2046 Mar	0.000138	0.000944	0.0168	0.000002	4.07	3.38	0.024	0.00112	30.4	0.00181	0.0045	0.000049	0.000428	0.000184	0.19	0.00000238	0.00101	0.000164	0.00102	0.000526
2046 Apr	0.000138	0.000944	0.0168	0.000002	4.07	3.38	0.024	0.00112	30.4	0.00181	0.0045	0.000049	0.000428	0.000184	0.19	0.00000238	0.00101	0.000164	0.00102	0.000526
2046 May	0.000138	0.000945	0.0168	0.000002	4.08	3.39	0.0241	0.00112	30.5	0.00181	0.0045	0.000049	0.000429	0.000184	0.19	0.00000238	0.00102	0.000164	0.00102	0.000527
2046 Jun	0.000139	0.000947	0.0169	0.00000203	4.13	3.43	0.0244	0.00114	30.6	0.00184	0.0045	0.0000491	0.000436	0.000187	0.193	0.00000239	0.00103	0.000166	0.00103	0.000541
2046 Jul	0.000139	0.000947	0.0169	0.00000204	4.15	3.44	0.0246	0.00114	30.6	0.00185	0.00449	0.0000491	0.000439	0.000188	0.194	0.00000239	0.00104	0.000167	0.00103	0.000546
2046 Aug	0.00014	0.000949	0.017	0.00000205	4.17	3.45	0.0247	0.00115	30.7	0.00185	0.0045	0.0000492	0.000441	0.000188	0.195	0.00000239	0.00104	0.000167	0.00103	0.00055
2046 Sep	0.00014	0.00095	0.017	0.00000207	4.2	3.48	0.0249	0.00116	30.8	0.00187	0.0045	0.0000492	0.000446	0.00019	0.197	0.00000239	0.00105	0.000169	0.00103	0.000558
2046 Oct	0.000141	0.000952	0.017	0.00000208	4.23	3.5	0.0251	0.00117	30.9	0.00188	0.0045	0.0000492	0.00045	0.000191	0.198	0.0000024	0.00106	0.000169	0.00103	0.000566
2046 Nov	0.000141	0.000952	0.017	0.00000208	4.24	3.5	0.0252	0.00117	30.9	0.00188	0.0045	0.0000493	0.000451	0.000192	0.199	0.0000024	0.00107	0.00017	0.00103	0.000567
2046 Dec	0.000141	0.000952	0.017	0.00000208	4.24	3.51	0.0252	0.00117	30.9	0.00188	0.0045	0.0000493	0.000451	0.000192	0.199	0.0000024	0.00107	0.00017	0.00103	0.000568
2047 Jan	0.000141	0.000952	0.017	0.00000208	4.24	3.51	0.0252	0.00117	30.9	0.00188	0.0045	0.0000493	0.000451	0.000192	0.199	0.0000024	0.00107	0.00017	0.00103	0.000568
2047 Feb	0.000141	0.000952	0.017	0.00000208	4.24	3.51	0.0252	0.00117	30.9	0.00188	0.0045	0.0000493	0.000451	0.000192	0.199	0.0000024	0.00107	0.00017	0.00103	0.000568
2047 Mar	0.000141	0.000952	0.017	0.00000208	4.24	3.51	0.0252	0.00117	30.9	0.00188	0.0045	0.0000493	0.000451	0.000192	0.199	0.0000024	0.00107	0.00017	0.00103	0.000568
2047 Apr	0.000141	0.000952	0.017	0.00000208	4.24	3.51	0.0252	0.00117	30.9	0.00188	0.0045	0.0000493	0.000451	0.000192	0.199	0.0000024	0.00107	0.00017	0.00103	0.000568
2047 May	0.000141	0.000953	0.0171	0.00000209	4.26	3.52	0.0253	0.00118	30.9	0.00189	0.0045	0.0000493	0.000453	0.000193	0.2	0.0000024	0.00107	0.00017	0.00103	0.000571
2047 Jun	0.000142	0.000955	0.0172	0.00000211	4.31	3.55	0.0257	0.00119	31	0.00191	0.0045	0.0000498	0.000459	0.000195	0.202	0.0000024	0.00109	0.000172	0.00104	0.000583
2047 Jul	0.000143	0.000957	0.0172	0.00000212	4.32	3.56	0.0258	0.0012	31.1	0.00192	0.00451	0.0000499	0.000461	0.000195	0.203	0.00000241	0.00109	0.000173	0.00104	0.000587
2047 Aug	0.000143	0.000959	0.0173	0.00000212	4.34	3.58	0.0259	0.00121	31.2	0.00193	0.00451	0.0000501	0.000464	0.000196	0.204	0.00000241	0.0011	0.000174	0.00104	0.000591
2047 Sep	0.000144	0.000961	0.0173	0.00000214	4.38	3.6	0.0261	0.00122	31.2	0.00194	0.00451	0.0000502	0.000468	0.000198	0.206	0.00000242	0.00111	0.000175	0.00104	0.0006
2047 Oct	0.000144	0.000962	0.0173	0.00000215	4.4	3.62	0.0263	0.00123	31.3	0.00195	0.00451	0.0000503	0.000472	0.000199	0.207	0.00000242	0.00112	0.000176	0.00104	0.000607
2047 Nov	0.000144	0.000963	0.0173	0.00000215	4.41	3.63	0.0264	0.00123	31.3	0.00196	0.00451	0.0000503	0.000473	0.0002	0.208	0.00000242	0.00112	0.000176	0.00105	0.000609
2047 Dec	0.000144	0.000963	0.0173	0.00000215	4.42	3.63	0.0264	0.00123	31.3	0.00196	0.00451	0.0000503	0.000473	0.0002	0.208	0.00000242	0.00112	0.000176	0.00105	0.000609
2048 Jan	0.000144	0.000963	0.0173	0.00000215	4.42	3.63	0.0264	0.00123	31.3	0.00196	0.00451	0.0000503	0.000473	0.0002	0.208	0.00000242	0.00112	0.000176	0.00105	0.000609
2048 Feb	0.000144	0.000963	0.0173	0.00000215	4.42	3.63	0.0264	0.00123	31.3	0.00196	0.00451	0.0000503	0.000473	0.0002	0.208	0.00000242	0.00112	0.000176	0.00105	0.000609
2048 Mar	0.000144	0.000963	0.0173	0.00000215	4.42	3.63	0.0264	0.00123	31.3	0.00196	0.00451	0.0000503	0.000473	0.0002	0.208	0.00000242	0.00112	0.000176	0.00105	0.000609
2048 Apr	0.000144	0.000963	0.0173	0.00000215	4.42	3.63	0.0264	0.00123	31.3	0.00196	0.00451	0.0000503	0.000473	0.0002	0.208	0.00000242	0.00112	0.000176	0.00105	0.000609
2048 May	0.000144	0.000963	0.0174	0.00000215	4.42	3.63	0.0264	0.00123	31.3	0.00196	0.00451	0.0000503	0.000474	0.0002	0.208	0.00000242	0.00112	0.000176	0.00105	0.00061
2048 Jun	0.000145	0.000964	0.0174	0.00000217	4.44	3.65	0.0265	0.00124	31.4	0.00197	0.00451	0.0000504	0.000476	0.000201	0.209	0.00000242	0.00113	0.000177	0.00105	0.000615
2048 Jul	0.000145	0.000964	0.0174	0.00000218	4.46	3.66	0.0267	0.00124	31.4	0.00198	0.00451	0.0000504	0.000479	0.000202	0.21	0.00000242	0.00113	0.000178	0.00105	0.000621
2048 Aug	0.000145	0.000966	0.0175	0.0000022	4.48	3.68	0.0269	0.00125	31.5	0.00199	0.00451	0.0000505	0.000482	0.000203	0.211	0.00000242	0.00114	0.000179	0.00105	0.000628
2048 Sep	0.000146	0.000968	0.0175	0.00000221	4.52	3.7	0.0271	0.00126	31.5	0.002	0.00452	0.0000505	0.000487	0.000204	0.213	0.00000243	0.00115	0.00018	0.00105	0.000636
2048 Oct	0.000146	0.000969	0.0175	0.00000222	4.54	3.72	0.0272	0.00127	31.6	0.00201	0.00451	0.0000506	0.00049	0.000205	0.214	0.00000243	0.00116	0.00018	0.00105	0.000642
2048 Nov	0.000146	0.00097	0.0175	0.00000222	4.55	3.73	0.0273	0.00127	31.6	0.00202	0.00451	0.0000506	0.000491	0.000206	0.215	0.00000243	0.00116	0.000181	0.00105	0.000644
2048 Dec	0.000146	0.00097	0.0175	0.00000222	4.55	3.73	0.0273	0.00128	31.6	0.00202	0.00451	0.0000506	0.000491	0.000206	0.215	0.00000243	0.00116	0.000181	0.00105	0.000645
2049 Jan	0.000146	0.00097	0.0175	0.00000222	4.55	3.73	0.0273	0.00128	31.6	0.00202	0.00451	0.0000506	0.000491	0.000206	0.215	0.00000243	0.00116	0.000181	0.00105	0.000645
2049 Feb	0.000146	0.00097	0.0175	0.00000222	4.55	3.73	0.0273	0.00128	31.6	0.00202	0.00451	0.0000506	0.000491	0.000206	0.215	0.00000243	0.00116	0.000181	0.00105	0.000645
2049 Mar	0.000146	0.00097	0.0175	0.00000222	4.55	3.73	0.0273	0.00128	31.6	0.00202	0.00451	0.0000506	0.000491	0.000206	0.215	0.00000243	0.00116	0.000181	0.00105	0.000645
2049 Apr	0.000146	0.00097	0.0175	0.00000222	4.55	3.73	0.0273	0.00128	31.6	0.00202	0.00451	0.0000506	0.000491	0.000206	0.215	0.00000243	0.00116	0.000181	0.00105	0.000645
2049 May	0.000146	0.00097	0.0176	0.00000222	4.55	3.73	0.0273	0.00128	31.6	0.00202	0.00452	0.0000506	0.000492	0.000206	0.215	0.00000243	0.00116	0.000181	0.00106	0.000645
2049 Jun	0.000147	0.00097	0.0176	0.00000224	4.58	3.75	0.0275	0.00128	31.6	0.00203	0.00451	0.0000506	0.000495	0.000207	0.216	0.00000243	0.00117	0.000182	0.00106	0.000652
2049 Jul	0.000147	0.000972	0.0176	0.00000226	4.6	3.77	0.0277	0.00129	31.7	0.00204	0.00452	0.0000507	0.000498	0.000208	0.217	0.00000244	0.00118	0.000183	0.00106	0.000659
2049 Aug	0.000148	0.000974	0.0177	0.00000227	4.62	3.78	0.0278	0.0013	31.7	0.00205	0.00452	0.0000508	0.0005	0.000209	0.218	0.00000244	0.00119	0.000183	0.00106	0.000663
2049 Sep	0.000148	0.000975	0.0177	0.00000228	4.65	3.8	0.0279	0.00131	31.8	0.00206	0.00452	0.0000508	0.000504	0.00021	0.22	0.00000244	0.00119	0.000184	0.00106	0.00067
2049 Oct	0.000148	0.000976	0.0177	0.00000229	4.67	3.81	0.0281	0.00131	31.8	0.00207	0.00452	0.0000508	0.000507	0.000211	0.221	0.00000244	0.0012	0.000185	0.00106	0.000676
2049 Nov	0.000149	0.000977	0.0177	0.00000229	4.68	3.82	0.0282	0.00132	31.8	0.00207	0.00452	0.0000509	0.000509	0.000212	0.221	0.00000245	0.00121	0.000185	0.00106	0.00068
2049 Dec	0.000149	0.000977	0.0177	0.00000229	4.69	3.83	0.0282	0.00132	31.8	0.00207	0.00452	0.0000509	0.000509	0.000212	0.222	0.00000245	0.00121	0.000185	0.00106	0.00068
2050 Jan	0.000149	0.000977	0.0177	0.00000229	4.69	3.83	0.0282	0.00132	31.8	0.00207	0.00452	0.0000509	0.000509	0.000212	0.222	0.00000245	0.00121	0.000185	0.00106	0.00068
2050 Feb	0.000149	0.000977	0.0177	0.00000229	4.69	3.83	0.0282	0.00132	31.8	0.00207	0.00452	0.0000509	0.000509	0.000212	0.222	0.00000245	0.00121	0.000185	0.00106	0.00068
2050 Mar	0.000149	0.000977	0.0177	0.00000229	4.69	3.83	0.0282	0.00132	31.8	0.00207	0.00452	0.0000509	0.000509	0.000212	0.222	0.00000245	0.00121	0.000185	0.00106	0.00068
2050 Apr	0.000149	0.000977	0.0177	0.00000229	4.69	3.83	0.0282	0.00132	31.8	0.00207	0.00452	0.0000509	0.000509	0.000212	0.222	0.00000245	0.00121	0.000185	0.00106	0.000681
2050 May	0.000149	0.000977	0.0177	0.00000229	4.69	3.83	0.0282	0.00132	31.9	0.00207	0.00452	0.0000509	0.000509	0.000212	0.222	0.00000245	0.00121	0.000185	0.00106	0.000681
2050 Jun	0.000149	0.000978	0.0178	0.00000231	4.71	3.84	0.0284	0.00133	31.9	0.00208	0.00452	0.000051	0.000512	0.000213	0.223	0.00000245	0.00121	0.000186	0.00107	0.000686
2050 Jul	0.000149	0.000978	0.0178	0.00000232	4.73	3.85	0.0285	0.00133	31.9	0.00209	0.00452	0.000051	0.000514	0.000214	0.224	0.00000245	0.00122	0.000187	0.00107	0.000692

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 Aug	0.00015	0.00098	0.0179	0.00000233	4.74	3.86	0.0286	0.00134	31.9	0.0021	0.00453	0.0000511	0.000516	0.000214	0.224	0.00000245	0.00122	0.000187	0.00107	0.000695
2050 Sep	0.00015	0.000981	0.0179	0.00000234	4.76	3.88	0.0287	0.00134	32	0.00211	0.00453	0.0000511	0.000518	0.000215	0.225	0.00000245	0.00123	0.000188	0.00107	0.0007
2050 Oct	0.00015	0.000981	0.0179	0.00000234	4.77	3.89	0.0288	0.00135	32	0.00211	0.00453	0.0000512	0.00052	0.000216	0.226	0.00000245	0.00123	0.000188	0.00107	0.000704
2050 Nov	0.00015	0.000982	0.0179	0.00000235	4.77	3.89	0.0288	0.00135	32	0.00211	0.00453	0.0000512	0.00052	0.000216	0.226	0.00000246	0.00123	0.000188	0.00107	0.000705
2050 Dec	0.00015	0.000982	0.0179	0.00000235	4.77	3.89	0.0288	0.00135	32	0.00211	0.00453	0.0000512	0.00052	0.000216	0.226	0.00000246	0.00123	0.000188	0.00107	0.000705
2051 Jan	0.00015	0.000982	0.0179	0.00000235	4.78	3.89	0.0288	0.00135	32	0.00211	0.00453	0.0000512	0.000521	0.000216	0.226	0.00000246	0.00123	0.000188	0.00107	0.000705
2051 Feb	0.00015	0.000982	0.0179	0.00000235	4.78	3.89	0.0288	0.00135	32	0.00211	0.00453	0.0000512	0.000521	0.000216	0.226	0.00000246	0.00123	0.000188	0.00107	0.000705
2051 Mar	0.00015	0.000982	0.0179	0.00000235	4.78	3.89	0.0288	0.00135	32	0.00211	0.00453	0.0000512	0.000521	0.000216	0.226	0.00000246	0.00123	0.000188	0.00107	0.000705
2051 Apr	0.00015	0.000982	0.0179	0.00000235	4.78	3.89	0.0288	0.00135	32	0.00211	0.00453	0.0000512	0.000521	0.000216	0.226	0.00000246	0.00123	0.000188	0.00107	0.000705
2051 May	0.000151	0.000983	0.0179	0.00000235	4.8	3.91	0.029	0.00136	32	0.00212	0.00453	0.0000512	0.000523	0.000217	0.227	0.00000246	0.00124	0.000189	0.00107	0.000711
2051 Jun	0.000152	0.000986	0.018	0.00000239	4.88	3.96	0.0295	0.00138	32.1	0.00215	0.00452	0.0000516	0.000534	0.000221	0.231	0.00000246	0.00127	0.000192	0.00108	0.000734
2051 Jul	0.000152	0.000987	0.0181	0.0000024	4.89	3.97	0.0296	0.00139	32.1	0.00216	0.00452	0.0000517	0.000535	0.000221	0.232	0.00000246	0.00127	0.000192	0.00108	0.000738
2051 Aug	0.000152	0.000988	0.0181	0.00000241	4.91	3.98	0.0297	0.00139	32.2	0.00217	0.00453	0.0000518	0.000538	0.000222	0.233	0.00000247	0.00128	0.000193	0.00108	0.000743
2051 Sep	0.000153	0.000989	0.0181	0.00000242	4.93	4	0.0299	0.0014	32.2	0.00218	0.00453	0.0000519	0.00054	0.000223	0.234	0.00000247	0.00128	0.000194	0.00108	0.000749
2051 Oct	0.000153	0.00099	0.0182	0.00000244	4.95	4.02	0.0301	0.00141	32.2	0.00219	0.00452	0.0000519	0.000544	0.000224	0.235	0.00000247	0.00129	0.000194	0.00108	0.000757
2051 Nov	0.000153	0.00099	0.0182	0.00000244	4.96	4.02	0.0301	0.00141	32.2	0.00219	0.00452	0.0000519	0.000545	0.000224	0.235	0.00000247	0.00129	0.000195	0.00108	0.000759
2051 Dec	0.000153	0.00099	0.0182	0.00000244	4.96	4.02	0.0301	0.00141	32.2	0.00219	0.00452	0.0000519	0.000545	0.000224	0.236	0.00000247	0.00129	0.000195	0.00108	0.000759
2052 Jan	0.000153	0.00099	0.0182	0.00000244	4.96	4.02	0.0301	0.00141	32.2	0.00219	0.00452	0.0000519	0.000545	0.000224	0.236	0.00000247	0.00129	0.000195	0.00108	0.000759
2052 Feb	0.000153	0.00099	0.0182	0.00000244	4.96	4.02	0.0301	0.00141	32.2	0.00219	0.00452	0.0000519	0.000545	0.000224	0.236	0.00000247	0.00129	0.000195	0.00108	0.000759
2052 Mar	0.000153	0.00099	0.0182	0.00000244	4.96	4.02	0.0301	0.00141	32.2	0.00219	0.00452	0.0000519	0.000545	0.000224	0.236	0.00000247	0.00129	0.000195	0.00108	0.000759
2052 Apr	0.000153	0.00099	0.0182	0.00000244	4.96	4.02	0.0301	0.00141	32.2	0.00219	0.00452	0.0000519	0.000545	0.000224	0.236	0.00000247	0.00129	0.000195	0.00108	0.000759
2052 May	0.000153	0.00099	0.0182	0.00000244	4.96	4.02	0.0301	0.00141	32.2	0.00219	0.00453	0.000052	0.000545	0.000225	0.236	0.00000247	0.00129	0.000195	0.00108	0.00076
2052 Jun	0.000154	0.000991	0.0183	0.00000245	4.98	4.04	0.0303	0.00142	32.2	0.0022	0.00453	0.0000522	0.000547	0.000225	0.237	0.00000247	0.0013	0.000196	0.00108	0.000765
2052 Jul	0.000154	0.000993	0.0183	0.00000247	5	4.05	0.0304	0.00142	32.3	0.00221	0.00453	0.0000524	0.00055	0.000226	0.238	0.00000248	0.00131	0.000197	0.00109	0.000772
2052 Aug	0.000155	0.000994	0.0184	0.00000248	5.02	4.07	0.0305	0.00143	32.3	0.00222	0.00453	0.0000525	0.000552	0.000227	0.239	0.00000248	0.00131	0.000197	0.00109	0.000777
2052 Sep	0.000155	0.000995	0.0184	0.00000249	5.04	4.08	0.0307	0.00144	32.3	0.00223	0.00453	0.0000525	0.000555	0.000228	0.24	0.00000248	0.00132	0.000198	0.00109	0.000782
2052 Oct	0.000155	0.000996	0.0184	0.0000025	5.05	4.09	0.0308	0.00144	32.3	0.00223	0.00453	0.0000526	0.000557	0.000229	0.24	0.00000248	0.00132	0.000198	0.00109	0.000787
2052 Nov	0.000155	0.000996	0.0184	0.0000025	5.06	4.09	0.0308	0.00144	32.3	0.00223	0.00453	0.0000526	0.000557	0.000229	0.241	0.00000248	0.00132	0.000198	0.00109	0.000788
2052 Dec	0.000155	0.000996	0.0184	0.0000025	5.06	4.09	0.0308	0.00144	32.3	0.00223	0.00453	0.0000526	0.000557	0.000229	0.241	0.00000248	0.00132	0.000198	0.00109	0.000788
2053 Jan	0.000155	0.000996	0.0184	0.0000025	5.06	4.09	0.0308	0.00144	32.3	0.00223	0.00453	0.0000526	0.000557	0.000229	0.241	0.00000248	0.00132	0.000198	0.00109	0.000788
2053 Feb	0.000155	0.000996	0.0184	0.0000025	5.06	4.09	0.0308	0.00144	32.3	0.00223	0.00453	0.0000526	0.000557	0.000229	0.241	0.00000248	0.00132	0.000198	0.00109	0.000788
2053 Mar	0.000155	0.000996	0.0184	0.0000025	5.06	4.09	0.0308	0.00144	32.3	0.00223	0.00454	0.0000526	0.000557	0.000229	0.241	0.00000248	0.00132	0.000198	0.00109	0.000788
2053 Apr	0.000155	0.000996	0.0184	0.0000025	5.06	4.09	0.0308	0.00144	32.3	0.00223	0.00454	0.0000526	0.000557	0.000229	0.241	0.00000248	0.00132	0.000198	0.00109	0.000788
2053 May	0.000156	0.000999	0.0185	0.00000252	5.12	4.14	0.0312	0.00146	32.4	0.00226	0.00453	0.0000528	0.000566	0.000232	0.244	0.00000249	0.00134	0.0002	0.00109	0.000807
2053 Jun	0.000157	0.001	0.0186	0.00000254	5.16	4.17	0.0316	0.00148	32.4	0.00228	0.00453	0.0000533	0.000571	0.000234	0.246	0.00000249	0.00136	0.000202	0.00109	0.000821
2053 Jul	0.000158	0.001	0.0187	0.00000255	5.18	4.18	0.0317	0.00148	32.4	0.00229	0.00453	0.0000535	0.000573	0.000234	0.247	0.00000249	0.00136	0.000203	0.0011	0.000826
2053 Aug	0.000158	0.001	0.0187	0.00000256	5.2	4.2	0.0318	0.00149	32.5	0.0023	0.00454	0.0000536	0.000576	0.000235	0.248	0.0000025	0.00137	0.000204	0.0011	0.000831
2053 Sep	0.000159	0.00101	0.0187	0.00000257	5.22	4.22	0.032	0.0015	32.5	0.0023	0.00454	0.0000538	0.000579	0.000236	0.249	0.0000025	0.00137	0.000205	0.0011	0.000838
2053 Oct	0.000159	0.00101	0.0188	0.00000258	5.24	4.23	0.0321	0.0015	32.5	0.00231	0.00454	0.0000539	0.000581	0.000237	0.25	0.0000025	0.00138	0.000205	0.0011	0.000843
2053 Nov	0.000159	0.00101	0.0188	0.00000258	5.25	4.23	0.0322	0.0015	32.5	0.00231	0.00454	0.0000539	0.000582	0.000237	0.25	0.0000025	0.00138	0.000205	0.0011	0.000845
2053 Dec	0.000159	0.00101	0.0188	0.00000258	5.25	4.23	0.0322	0.0015	32.5	0.00231	0.00454	0.0000539	0.000582	0.000238	0.25	0.0000025	0.00138	0.000205	0.0011	0.000845
2054 Jan	0.000159	0.00101	0.0188	0.00000258	5.25	4.23	0.0322	0.0015	32.5	0.00231	0.00454	0.0000539	0.000582	0.000238	0.25	0.0000025	0.00138	0.000205	0.0011	0.000845
2054 Feb	0.000159	0.00101	0.0188	0.00000258	5.25	4.23	0.0322	0.0015	32.5	0.00231	0.00454	0.0000539	0.000582	0.000238	0.25	0.0000025	0.00138	0.000205	0.0011	0.000845
2054 Mar	0.000159	0.00101	0.0188	0.00000258	5.25	4.23	0.0322	0.0015	32.5	0.00231	0.00454	0.0000539	0.000582	0.000238	0.25	0.0000025	0.00138	0.000205	0.0011	0.000845
2054 Apr	0.000159	0.00101	0.0188	0.00000258	5.25	4.23	0.0322	0.0015	32.5	0.00232	0.00454	0.0000539	0.000582	0.000238	0.25	0.0000025	0.00138	0.000205	0.0011	0.000845
2054 May	0.000159	0.00101	0.0188	0.00000258	5.25	4.24	0.0322	0.00151	32.5	0.00232	0.00455	0.0000539	0.000583	0.000238	0.251	0.00000251	0.00138	0.000206	0.0011	0.000846
2054 Jun	0.00016	0.00101	0.0189	0.0000026	5.28	4.25	0.0324	0.00151	32.5	0.00233	0.00454	0.0000543	0.000586	0.000239	0.252	0.0000025	0.00139	0.000207	0.0011	0.000854
2054 Jul	0.00016	0.00101	0.0189	0.00000261	5.29	4.27	0.0325	0.00152	32.6	0.00233	0.00454	0.0000544	0.000588	0.00024	0.253	0.00000251	0.0014	0.000207	0.0011	0.00086
2054 Aug	0.00016	0.00101	0.019	0.00000262	5.31	4.28	0.0326	0.00153	32.6	0.00234	0.00454	0.0000545	0.00059	0.00024	0.254	0.00000251	0.0014	0.000208	0.00111	0.000866
2054 Sep	0.000161	0.00101	0.019	0.00000263	5.33	4.29	0.0328	0.00153	32.6	0.00235	0.00455	0.0000546	0.000593	0.000241	0.255	0.00000251	0.00141	0.000209	0.00111	0.000871
2054 Oct	0.000161	0.00101	0.019	0.00000264	5.34	4.3	0.0328	0.00153	32.6	0.00235	0.00454	0.0000546	0.000594	0.000242	0.255	0.00000251	0.00141	0.000209	0.00111	0.000875
2054 Nov	0.000161	0.00101	0.019	0.00000264	5.35	4.3	0.0329	0.00154	32.6	0.00236	0.00454	0.0000546	0.000595	0.000242	0.255	0.00000251	0.00141	0.000209	0.00111	0.000877
2054 Dec	0.000161	0.00101	0.019	0.00000264	5.35	4.3	0.0329	0.00154	32.6	0.00236	0.00454	0.0000546	0.000595	0.000242	0.255	0.00000251	0.00141	0.000209	0.00111	0.000877
2055 Jan	0.000161	0.00101	0.019	0.00000264	5.35	4.3	0.0329	0.00154	32.6	0.00236	0.00454	0.0000546	0.000595	0.000242	0.255	0.00000251	0.00141	0.000209	0.00111	0.000877
2055 Feb	0.000161	0.00101	0.019	0.00000264	5.35	4.3	0.0329	0.00154	32.6	0.00236	0.00454	0.0000546	0.000595	0.000242	0.255	0.00000251	0.00141	0.000209	0.00111	0.000877
2055 Mar	0.000161	0.00101	0.019	0.00000264	5.35	4.3	0.0329	0.00154	32.6	0.00236	0.00454	0.0000546	0.000595	0.000242	0.255	0.00000251	0.00141	0.000209	0.00111	0.000877
2055 Apr	0.000161	0.00101	0.019	0.00000264	5.35	4.3	0.0329	0.00154	32.6	0.00236	0.00454	0.0000546	0.000595	0.000242	0.255	0.00000251	0.00141	0.000209	0.00111	0.000877
2055 May	0.000161	0.00101	0.019	0.00000264	5.35	4.31	0.0329	0.00154	32.6	0.00236	0.00455	0.0000547	0.000595	0.000242	0.256	0.00000251	0.00141	0.000209	0.00111	0.000878
2055 Jun	0.000161	0.00101	0.0191	0.00000266	5.38	4.33	0.0331	0.00155	32.6	0.00237	0.00454	0.0000547	0.000599	0.000243	0.257	0.00000251	0.00142	0.00021	0.00111	0.000888
2055 Jul	0.000161	0.00101	0.0191	0.00000268	5.39	4.34	0.0332	0.00155	32.6	0.00238	0.00454	0.0000547	0.000601	0.000244	0.258	0.00000251	0.00143	0.000211	0.00111	0.000892
2055 Aug	0.000162	0.00101	0.0191	0.00000268	5.4	4.34	0.0332	0.00155	32.6	0.00238	0.00455	0.0000548	0.000602	0.000244	0.258	0.00000252	0.00143	0.000211	0.00111	0.000895
2055 Sep	0.000162	0.00102	0.0191	0.00000269	5.41	4.35	0.0333	0.00156	32.7	0.00239	0.00455	0.0000548	0.000604	0.000245	0.259	0.00000252	0.00143	0.000212	0.00111	0.000899
2055 Oct	0.000162	0.00102	0.0192	0.0000027	5.42	4.36	0.0334	0.00156	32.7	0.00239	0.00455	0.0000548	0.000604	0.000245	0.259	0.00000252	0.00144	0.000212	0.00111	0.000901
2055 Nov	0.000162	0.00102	0.0192	0.0000027	5.42	4.36	0.0334	0.00156	32.7	0.00239	0.00455	0.0000548	0.000605	0.000245	0.259	0.00000252	0.00144	0.000212	0.00111	0.000902
2055 Dec	0.000162	0.00102	0.0192	0.0000027	5.42	4.36	0.0334	0.00156	32.7	0.00239	0.00455	0.0000548	0.000605	0.000245	0.259	0.00000252	0.00144	0.000212	0.00111	0.000902
2056 Jan	0.000162	0.00102	0.0192	0.0000027	5.42	4.36	0.0334	0.00156	32.7	0.00239	0.00455	0.0000548	0.000605	0.000245	0.259	0.00000252	0.00144	0.000212	0.00111	0.000902
2056 Feb	0.000162	0.00102	0.0192	0.0000027	5.42	4.36	0.0334	0.00156	32.7	0.00239	0.00455	0.0000548	0.000605	0.000245	0.259	0.00000252	0.00144	0.000212	0.00111	0.000902

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.000162	0.00102	0.0192	0.0000027	5.42	4.36	0.0334	0.00156	32.7	0.00239	0.00455	0.0000548	0.000605	0.000245	0.259	0.00000252	0.00144	0.000212	0.00111	0.000902
2056 Apr	0.000162	0.00102	0.0192	0.0000027	5.42	4.36	0.0334	0.00156	32.7	0.00239	0.00455	0.0000548	0.000605	0.000245	0.259	0.00000252	0.00144	0.000212	0.00111	0.000903
2056 May	0.000162	0.00102	0.0192	0.0000027	5.43	4.36	0.0334	0.00156	32.7	0.00239	0.00455	0.0000549	0.000606	0.000246	0.26	0.00000252	0.00144	0.000212	0.00111	0.000904
2056 Jun	0.000162	0.00102	0.0193	0.00000272	5.44	4.37	0.0336	0.00157	32.6	0.0024	0.00455	0.0000553	0.000607	0.000246	0.26	0.00000252	0.00144	0.000213	0.00111	0.000908
2056 Jul	0.000163	0.00102	0.0193	0.00000273	5.45	4.38	0.0337	0.00157	32.7	0.0024	0.00456	0.0000555	0.000609	0.000247	0.261	0.00000252	0.00145	0.000214	0.00112	0.000912
2056 Aug	0.000163	0.00102	0.0194	0.00000274	5.47	4.39	0.0338	0.00158	32.7	0.00241	0.00456	0.0000557	0.000611	0.000247	0.262	0.00000252	0.00145	0.000214	0.00112	0.000917
2056 Sep	0.000164	0.00102	0.0194	0.00000275	5.48	4.4	0.0339	0.00158	32.7	0.00242	0.00456	0.0000558	0.000613	0.000248	0.262	0.00000253	0.00146	0.000215	0.00112	0.000922
2056 Oct	0.000164	0.00102	0.0195	0.00000275	5.5	4.41	0.034	0.00159	32.7	0.00242	0.00456	0.0000558	0.000614	0.000249	0.263	0.00000253	0.00146	0.000215	0.00112	0.000927
2056 Nov	0.000164	0.00102	0.0195	0.00000276	5.5	4.42	0.034	0.00159	32.7	0.00242	0.00456	0.0000559	0.000615	0.000249	0.263	0.00000253	0.00146	0.000216	0.00112	0.000929
2056 Dec	0.000164	0.00102	0.0195	0.00000276	5.5	4.42	0.034	0.00159	32.7	0.00242	0.00456	0.0000559	0.000615	0.000249	0.263	0.00000253	0.00146	0.000216	0.00112	0.000929
2057 Jan	0.000164	0.00102	0.0195	0.00000276	5.5	4.42	0.034	0.00159	32.7	0.00243	0.00456	0.0000559	0.000615	0.000249	0.263	0.00000253	0.00146	0.000216	0.00112	0.000929
2057 Feb	0.000164	0.00102	0.0195	0.00000276	5.5	4.42	0.034	0.00159	32.7	0.00243	0.00456	0.0000559	0.000615	0.000249	0.263	0.00000253	0.00146	0.000216	0.00112	0.000929
2057 Mar	0.000164	0.00102	0.0195	0.00000276	5.5	4.42	0.034	0.00159	32.7	0.00243	0.00456	0.0000559	0.000615	0.000249	0.263	0.00000253	0.00146	0.000216	0.00112	0.000929
2057 Apr	0.000164	0.00102	0.0195	0.00000276	5.5	4.42	0.034	0.00159	32.7	0.00243	0.00456	0.0000559	0.000615	0.000249	0.263	0.00000253	0.00146	0.000216	0.00112	0.000929
2057 May	0.000164	0.00102	0.0195	0.00000276	5.51	4.42	0.034	0.00159	32.7	0.00243	0.00456	0.0000559	0.000616	0.000249	0.264	0.00000253	0.00146	0.000216	0.00112	0.00093
2057 Jun	0.000164	0.00102	0.0196	0.00000278	5.52	4.43	0.0342	0.00159	32.7	0.00243	0.00456	0.0000562	0.000618	0.00025	0.264	0.00000253	0.00147	0.000217	0.00112	0.000936
2057 Jul	0.000165	0.00102	0.0196	0.00000279	5.54	4.44	0.0343	0.0016	32.7	0.00244	0.00457	0.0000563	0.000619	0.00025	0.265	0.00000253	0.00147	0.000217	0.00112	0.00094
2057 Aug	0.000165	0.00102	0.0197	0.0000028	5.55	4.45	0.0344	0.0016	32.8	0.00245	0.00457	0.0000565	0.000621	0.000251	0.266	0.00000253	0.00148	0.000218	0.00112	0.000944
2057 Sep	0.000165	0.00103	0.0197	0.0000028	5.57	4.46	0.0345	0.00161	32.8	0.00245	0.00458	0.0000566	0.000623	0.000252	0.266	0.00000254	0.00148	0.000218	0.00113	0.000949
2057 Oct	0.000166	0.00103	0.0197	0.00000281	5.58	4.48	0.0346	0.00161	32.8	0.00246	0.00458	0.0000566	0.000625	0.000253	0.267	0.00000254	0.00149	0.000219	0.00113	0.000955
2057 Nov	0.000166	0.00103	0.0197	0.00000281	5.59	4.48	0.0346	0.00161	32.8	0.00246	0.00458	0.0000566	0.000626	0.000253	0.268	0.00000254	0.00149	0.000219	0.00113	0.000957
2057 Dec	0.000166	0.00103	0.0197	0.00000281	5.59	4.48	0.0346	0.00162	32.8	0.00246	0.00458	0.0000566	0.000626	0.000253	0.268	0.00000254	0.00149	0.000219	0.00113	0.000957
2058 Jan	0.000166	0.00103	0.0197	0.00000281	5.59	4.48	0.0346	0.00162	32.8	0.00246	0.00458	0.0000566	0.000626	0.000253	0.268	0.00000254	0.00149	0.000219	0.00113	0.000957
2058 Feb	0.000166	0.00103	0.0197	0.00000281	5.59	4.48	0.0346	0.00162	32.8	0.00246	0.00458	0.0000566	0.000626	0.000253	0.268	0.00000254	0.00149	0.000219	0.00113	0.000957
2058 Mar	0.000166	0.00103	0.0197	0.00000281	5.59	4.48	0.0346	0.00162	32.8	0.00246	0.00458	0.0000566	0.000626	0.000253	0.268	0.00000254	0.00149	0.000219	0.00113	0.000957
2058 Apr	0.000166	0.00103	0.0197	0.00000281	5.59	4.48	0.0346	0.00162	32.8	0.00246	0.00458	0.0000566	0.000626	0.000253	0.268	0.00000254	0.00149	0.000219	0.00113	0.000957
2058 May	0.000167	0.00103	0.0198	0.00000283	5.64	4.52	0.035	0.00163	32.8	0.00248	0.00457	0.0000568	0.000633	0.000255	0.271	0.00000254	0.00151	0.000221	0.00113	0.000978
2058 Jun	0.000168	0.00103	0.0199	0.00000287	5.71	4.57	0.0355	0.00166	32.7	0.00251	0.00456	0.0000574	0.000642	0.000258	0.274	0.00000254	0.00153	0.000223	0.00113	0.00101
2058 Jul	0.000168	0.00103	0.0199	0.00000288	5.72	4.58	0.0356	0.00166	32.8	0.00252	0.00456	0.0000576	0.000643	0.000259	0.274	0.00000255	0.00153	0.000224	0.00113	0.00101
2058 Aug	0.000168	0.00103	0.02	0.00000289	5.74	4.59	0.0357	0.00166	32.8	0.00252	0.00457	0.0000578	0.000646	0.00026	0.275	0.00000255	0.00153	0.000225	0.00114	0.00101
2058 Sep	0.000169	0.00103	0.02	0.0000029	5.75	4.6	0.0358	0.00167	32.8	0.00253	0.00457	0.0000579	0.000648	0.00026	0.276	0.00000255	0.00154	0.000225	0.00114	0.00102
2058 Oct	0.000169	0.00104	0.0201	0.00000291	5.77	4.62	0.036	0.00168	32.8	0.00254	0.00457	0.000058	0.000651	0.000261	0.277	0.00000255	0.00155	0.000226	0.00114	0.00103
2058 Nov	0.000169	0.00104	0.0201	0.00000291	5.78	4.62	0.036	0.00168	32.8	0.00254	0.00457	0.000058	0.000651	0.000262	0.278	0.00000255	0.00155	0.000226	0.00114	0.00103
2058 Dec	0.000169	0.00104	0.0201	0.00000291	5.78	4.62	0.036	0.00168	32.8	0.00254	0.00457	0.000058	0.000651	0.000262	0.278	0.00000255	0.00155	0.000226	0.00114	0.00103
2059 Jan	0.000169	0.00104	0.0201	0.00000291	5.78	4.62	0.036	0.00168	32.8	0.00254	0.00457	0.000058	0.000651	0.000262	0.278	0.00000255	0.00155	0.000226	0.00114	0.00103
2059 Feb	0.000169	0.00104	0.0201	0.00000291	5.78	4.62	0.036	0.00168	32.8	0.00254	0.00457	0.000058	0.000651	0.000262	0.278	0.00000255	0.00155	0.000226	0.00114	0.00103
2059 Mar	0.000169	0.00104	0.0201	0.00000291	5.78	4.62	0.036	0.00168	32.8	0.00254	0.00457	0.000058	0.000651	0.000262	0.278	0.00000255	0.00155	0.000226	0.00114	0.00103
2059 Apr	0.000169	0.00104	0.0201	0.00000291	5.78	4.62	0.036	0.00168	32.8	0.00254	0.00457	0.000058	0.000652	0.000262	0.278	0.00000255	0.00155	0.000226	0.00114	0.00103
2059 May	0.00017	0.00104	0.0201	0.00000292	5.79	4.63	0.0361	0.00168	32.8	0.00255	0.00457	0.0000581	0.000653	0.000262	0.278	0.00000256	0.00155	0.000227	0.00114	0.00103
2059 Jun	0.00017	0.00104	0.0202	0.00000293	5.81	4.64	0.0363	0.00169	32.8	0.00256	0.00457	0.0000585	0.000656	0.000263	0.279	0.00000256	0.00156	0.000228	0.00114	0.00104
2059 Jul	0.00017	0.00104	0.0202	0.00000294	5.83	4.66	0.0364	0.00169	32.8	0.00256	0.00458	0.0000586	0.000657	0.000264	0.28	0.00000256	0.00156	0.000228	0.00114	0.00105
2059 Aug	0.000171	0.00104	0.0203	0.00000295	5.84	4.67	0.0365	0.0017	32.9	0.00257	0.00458	0.0000588	0.000659	0.000264	0.281	0.00000256	0.00157	0.000229	0.00114	0.00105
2059 Sep	0.000171	0.00104	0.0203	0.00000296	5.85	4.68	0.0366	0.0017	32.9	0.00258	0.00458	0.0000589	0.000661	0.000265	0.281	0.00000257	0.00157	0.000229	0.00114	0.00106
2059 Oct	0.000171	0.00104	0.0203	0.00000297	5.87	4.69	0.0367	0.00171	32.9	0.00258	0.00458	0.0000589	0.000663	0.000266	0.282	0.00000257	0.00158	0.00023	0.00114	0.00106
2059 Nov	0.000171	0.00104	0.0203	0.00000297	5.87	4.69	0.0367	0.00171	32.9	0.00258	0.00458	0.0000589	0.000664	0.000266	0.282	0.00000257	0.00158	0.00023	0.00115	0.00107
2059 Dec	0.000171	0.00104	0.0203	0.00000297	5.88	4.69	0.0367	0.00171	32.9	0.00258	0.00458	0.0000589	0.000664	0.000266	0.283	0.00000257	0.00158	0.00023	0.00115	0.00107
2060 Jan	0.000171	0.00104	0.0203	0.00000297	5.88	4.69	0.0367	0.00171	32.9	0.00258	0.00458	0.0000589	0.000664	0.000266	0.283	0.00000257	0.00158	0.00023	0.00115	0.00107
2060 Feb	0.000171	0.00104	0.0203	0.00000297	5.88	4.69	0.0367	0.00171	32.9	0.00258	0.00458	0.0000589	0.000664	0.000266	0.283	0.00000257	0.00158	0.00023	0.00115	0.00107
2060 Mar	0.000171	0.00104	0.0203	0.00000297	5.88	4.69	0.0367	0.00171	32.9	0.00258	0.00458	0.0000589	0.000664	0.000266	0.283	0.00000257	0.00158	0.00023	0.00115	0.00107
2060 Apr	0.000171	0.00104	0.0203	0.00000297	5.88	4.69	0.0367	0.00171	32.9	0.00258	0.00458	0.0000589	0.000664	0.000266	0.283	0.00000257	0.00158	0.00023	0.00115	0.00107
2060 May	0.000172	0.00104	0.0204	0.00000298	5.9	4.71	0.0369	0.00172	32.9	0.00259	0.00458	0.0000591	0.000667	0.000267	0.284	0.00000257	0.00159	0.000231	0.00115	0.00107
2060 Jun	0.000172	0.00104	0.0205	0.000003	5.91	4.72	0.037	0.00172	32.8	0.0026	0.00458	0.0000596	0.000669	0.000268	0.284	0.00000257	0.00159	0.000232	0.00115	0.00108
2060 Jul	0.000173	0.00104	0.0205	0.00000301	5.93	4.73	0.0371	0.00173	32.9	0.00261	0.00459	0.0000597	0.00067	0.000268	0.285	0.00000257	0.00159	0.000233	0.00115	0.00109
2060 Aug	0.000173	0.00105	0.0206	0.00000302	5.94	4.74	0.0372	0.00173	32.9	0.00261	0.00459	0.0000599	0.000672	0.000269	0.286	0.00000257	0.0016	0.000233	0.00115	0.00109
2060 Sep	0.000173	0.00105	0.0206	0.00000303	5.96	4.75	0.0374	0.00174	32.9	0.00262	0.00459	0.00006	0.000674	0.00027	0.287	0.00000257	0.0016	0.000234	0.00115	0.0011
2060 Oct	0.000173	0.00105	0.0207	0.00000304	5.97	4.76	0.0375	0.00174	32.9	0.00262	0.00459	0.0000601	0.000676	0.00027	0.287	0.00000257	0.00161	0.000234	0.00115	0.0011
2060 Nov	0.000174	0.00105	0.0207	0.00000305	5.97	4.76	0.0375	0.00174	32.9	0.00263	0.00459	0.0000601	0.000676	0.00027	0.288	0.00000257	0.00161	0.000234	0.00115	0.00111
2060 Dec	0.000174	0.00105	0.0207	0.00000305	5.97	4.76	0.0375	0.00174	32.9	0.00263	0.00459	0.0000601	0.000676	0.00027	0.288	0.00000257	0.00161	0.000234	0.00115	0.00111
2061 Jan	0.000174	0.00105	0.0207	0.00000305	5.98	4.76	0.0375	0.00174	32.9	0.00263	0.00459	0.0000601	0.000676	0.00027	0.288	0.00000257	0.00161	0.000234	0.00115	0.00111
2061 Feb	0.000174	0.00105	0.0207	0.00000305	5.98	4.76	0.0375	0.00174	32.9	0.00263	0.00459	0.0000601	0.000676	0.00027	0.288	0.00000257	0.00161	0.000234	0.00115	0.00111
2061 Mar	0.000174	0.00105	0.0207	0.00000305	5.98	4.76	0.0375	0.00174	32.9	0.00263	0.00459	0.0000601	0.000676	0.00027	0.288	0.00000257	0.00161	0.000234	0.00115	0.00111
2061 Apr	0.000174	0.00105	0.0207	0.00000305	5.98	4.77	0.0375	0.00174	32.9	0.00263	0.00459	0.0000601	0.000677	0.00027	0.288	0.00000257	0.00161	0.000234	0.00115	0.00111
2061 May	0.000174	0.00105	0.0207	0.00000306	6	4.78	0.0377	0.00175	32.8	0.00264	0.00459	0.0000603	0.00068	0.000272	0.289	0.00000258	0.00162	0.000235	0.00115	0.00112
2061 Jun	0.000175	0.00105	0.0208	0.00000308	6.02	4.8	0.0379	0.00176	32.8	0.00265	0.00458	0.0000608	0.000683	0.000273	0.29	0.00000257	0.00162	0.000237	0.00115	0.00113
2061 Jul	0.000175	0.00105	0.0209	0.00000309	6.04	4.81	0.038	0.00176	32.8	0.00265	0.00459	0.000061	0.000684	0.000273	0.291	0.00000258	0.00163	0.000237	0.00115	0.00113
2061 Aug	0.000175	0.00105	0.0209	0.0000031	6.05	4.82	0.0381	0.00177	32.9	0.00266	0.00459	0.0000611	0.000686	0.000274	0.292	0.00000258	0.00163	0.000238	0.00116	0.00114
2061 Sep	0.000176	0.00105	0.021	0.00000311	6.06	4.83	0.0382	0.00177	32.9	0.00267	0.00459	0.0000612	0.000688	0.000275	0.292	0.00000258	0.00164	0.000238	0.00116	0.00114

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2061 Oct	0.000176	0.00105	0.021	0.00000312	6.08	4.85	0.0383	0.00178	32.8	0.00267	0.00459	0.0000613	0.000691	0.000275	0.293	0.00000258	0.00164	0.000239	0.00116	0.00115
2061 Nov	0.000176	0.00105	0.021	0.00000313	6.09	4.85	0.0384	0.00178	32.8	0.00268	0.00459	0.0000613	0.000692	0.000276	0.294	0.00000258	0.00165	0.000239	0.00116	0.00116
2061 Dec	0.000176	0.00105	0.021	0.00000313	6.09	4.85	0.0384	0.00178	32.8	0.00268	0.00459	0.0000613	0.000692	0.000276	0.294	0.00000258	0.00165	0.000239	0.00116	0.00116
2062 Jan	0.000176	0.00105	0.021	0.00000313	6.09	4.85	0.0384	0.00178	32.8	0.00268	0.00459	0.0000613	0.000692	0.000276	0.294	0.00000258	0.00165	0.000239	0.00116	0.00116
2062 Feb	0.000176	0.00105	0.021	0.00000313	6.09	4.85	0.0384	0.00178	32.8	0.00268	0.00459	0.0000613	0.000692	0.000276	0.294	0.00000258	0.00165	0.000239	0.00116	0.00116
2062 Mar	0.000176	0.00105	0.021	0.00000313	6.09	4.85	0.0384	0.00178	32.8	0.00268	0.00459	0.0000613	0.000692	0.000276	0.294	0.00000258	0.00165	0.000239	0.00116	0.00116
2062 Apr	0.000176	0.00105	0.021	0.00000313	6.09	4.85	0.0384	0.00178	32.8	0.00268	0.00459	0.0000613	0.000692	0.000276	0.294	0.00000258	0.00165	0.000239	0.00116	0.00116
2062 May	0.000176	0.00105	0.021	0.00000313	6.1	4.85	0.0384	0.00178	32.8	0.00268	0.00459	0.0000613	0.000692	0.000276	0.294	0.00000258	0.00165	0.000239	0.00116	0.00116
2062 Jun	0.000176	0.00105	0.021	0.00000314	6.1	4.86	0.0385	0.00178	32.8	0.00268	0.00459	0.0000613	0.000693	0.000276	0.294	0.00000258	0.00165	0.00024	0.00116	0.00116
2062 Jul	0.000176	0.00105	0.0211	0.00000315	6.12	4.87	0.0386	0.00179	32.8	0.00269	0.00459	0.0000614	0.000695	0.000277	0.295	0.00000258	0.00165	0.00024	0.00116	0.00117
2062 Aug	0.000177	0.00105	0.0211	0.00000317	6.13	4.88	0.0387	0.00179	32.8	0.0027	0.00459	0.0000614	0.000697	0.000278	0.296	0.00000259	0.00166	0.000241	0.00116	0.00117
2062 Sep	0.000177	0.00105	0.0211	0.00000318	6.15	4.89	0.0388	0.0018	32.8	0.0027	0.00459	0.0000614	0.000699	0.000278	0.296	0.00000259	0.00166	0.000241	0.00116	0.00118
2062 Oct	0.000177	0.00105	0.0211	0.0000032	6.17	4.91	0.0389	0.00181	32.7	0.00271	0.00458	0.0000613	0.000702	0.000279	0.298	0.00000259	0.00167	0.000242	0.00116	0.00119
2062 Nov	0.000177	0.00105	0.0211	0.0000032	6.18	4.91	0.039	0.00181	32.7	0.00271	0.00458	0.0000613	0.000703	0.00028	0.298	0.00000259	0.00167	0.000242	0.00116	0.0012
2062 Dec	0.000177	0.00105	0.0211	0.0000032	6.18	4.91	0.039	0.00181	32.7	0.00271	0.00458	0.0000613	0.000703	0.00028	0.298	0.00000259	0.00167	0.000242	0.00116	0.0012
2063 Jan	0.000177	0.00105	0.0211	0.0000032	6.18	4.91	0.039	0.00181	32.7	0.00271	0.00458	0.0000613	0.000703	0.00028	0.298	0.00000259	0.00167	0.000242	0.00116	0.0012
2063 Feb	0.000177	0.00105	0.0211	0.0000032	6.18	4.91	0.039	0.00181	32.7	0.00271	0.00458	0.0000613	0.000703	0.00028	0.298	0.00000259	0.00167	0.000242	0.00116	0.0012
2063 Mar	0.000177	0.00105	0.0211	0.0000032	6.18	4.91	0.039	0.00181	32.7	0.00271	0.00458	0.0000613	0.000703	0.00028	0.298	0.00000259	0.00167	0.000242	0.00116	0.0012
2063 Apr	0.000177	0.00105	0.0211	0.0000032	6.18	4.91	0.039	0.00181	32.7	0.00271	0.00458	0.0000613	0.000703	0.00028	0.298	0.00000259	0.00167	0.000242	0.00116	0.0012
2063 May	0.000177	0.00106	0.0211	0.0000032	6.18	4.91	0.039	0.00181	32.7	0.00272	0.00458	0.0000614	0.000704	0.00028	0.298	0.00000259	0.00167	0.000242	0.00116	0.0012
2063 Jun	0.000178	0.00105	0.0213	0.00000322	6.19	4.92	0.0391	0.00181	32.6	0.00272	0.00458	0.000062	0.000705	0.00028	0.299	0.00000258	0.00168	0.000243	0.00116	0.00121
2063 Jul	0.000178	0.00105	0.0213	0.00000324	6.2	4.93	0.0392	0.00182	32.6	0.00272	0.00458	0.0000621	0.000706	0.00028	0.299	0.00000258	0.00168	0.000244	0.00116	0.00121
2063 Aug	0.000178	0.00106	0.0214	0.00000324	6.21	4.94	0.0393	0.00182	32.7	0.00273	0.00458	0.0000623	0.000708	0.000281	0.3	0.00000258	0.00168	0.000244	0.00116	0.00121
2063 Sep	0.000178	0.00106	0.0214	0.00000325	6.22	4.94	0.0394	0.00182	32.7	0.00273	0.00458	0.0000624	0.000709	0.000282	0.3	0.00000259	0.00169	0.000245	0.00116	0.00122
2063 Oct	0.000178	0.00106	0.0214	0.00000326	6.23	4.95	0.0395	0.00183	32.6	0.00274	0.00458	0.0000624	0.000711	0.000282	0.301	0.00000259	0.00169	0.000245	0.00117	0.00123
2063 Nov	0.000179	0.00106	0.0214	0.00000327	6.24	4.96	0.0395	0.00183	32.6	0.00274	0.00458	0.0000624	0.000711	0.000282	0.301	0.00000259	0.00169	0.000245	0.00117	0.00123
2063 Dec	0.000179	0.00106	0.0215	0.00000327	6.24	4.96	0.0395	0.00183	32.6	0.00274	0.00458	0.0000624	0.000711	0.000282	0.301	0.00000259	0.00169	0.000245	0.00117	0.00123
2064 Jan	0.000179	0.00106	0.0215	0.00000327	6.24	4.96	0.0395	0.00183	32.6	0.00274	0.00458	0.0000624	0.000712	0.000282	0.301	0.00000259	0.00169	0.000245	0.00117	0.00123
2064 Feb	0.000179	0.00106	0.0215	0.00000327	6.24	4.96	0.0395	0.00183	32.6	0.00274	0.00458	0.0000624	0.000712	0.000282	0.301	0.00000259	0.00169	0.000245	0.00117	0.00123
2064 Mar	0.000179	0.00106	0.0215	0.00000327	6.24	4.96	0.0395	0.00183	32.6	0.00274	0.00458	0.0000624	0.000712	0.000282	0.301	0.00000259	0.00169	0.000246	0.00117	0.00123
2064 Apr	0.000179	0.00106	0.0215	0.00000327	6.24	4.96	0.0395	0.00183	32.6	0.00274	0.00458	0.0000624	0.000712	0.000282	0.301	0.00000259	0.00169	0.000246	0.00117	0.00123
2064 May	0.000179	0.00106	0.0215	0.00000328	6.26	4.97	0.0397	0.00184	32.6	0.00275	0.00458	0.0000626	0.000714	0.000283	0.302	0.00000259	0.0017	0.000246	0.00117	0.00124
2064 Jun	0.000179	0.00106	0.0216	0.0000033	6.28	4.99	0.0399	0.00185	32.5	0.00276	0.00457	0.0000632	0.000717	0.000284	0.304	0.00000258	0.00171	0.000248	0.00117	0.00125
2064 Jul	0.00018	0.00106	0.0217	0.00000331	6.3	5	0.04	0.00185	32.6	0.00277	0.00458	0.0000633	0.000719	0.000285	0.304	0.00000259	0.00171	0.000248	0.00117	0.00126
2064 Aug	0.00018	0.00106	0.0217	0.00000332	6.31	5.01	0.0401	0.00185	32.6	0.00277	0.00458	0.0000635	0.00072	0.000285	0.305	0.00000259	0.00172	0.000249	0.00117	0.00126
2064 Sep	0.00018	0.00106	0.0218	0.00000334	6.33	5.02	0.0402	0.00186	32.6	0.00278	0.00458	0.0000636	0.000723	0.000286	0.306	0.00000259	0.00172	0.000249	0.00117	0.00127
2064 Oct	0.000181	0.00106	0.0218	0.00000335	6.34	5.03	0.0403	0.00186	32.5	0.00279	0.00458	0.0000637	0.000725	0.000287	0.307	0.00000259	0.00173	0.00025	0.00117	0.00128
2064 Nov	0.000181	0.00106	0.0218	0.00000335	6.35	5.03	0.0403	0.00187	32.5	0.00279	0.00458	0.0000637	0.000725	0.000287	0.307	0.00000259	0.00173	0.00025	0.00117	0.00128
2064 Dec	0.000181	0.00106	0.0218	0.00000335	6.35	5.03	0.0403	0.00187	32.5	0.00279	0.00458	0.0000637	0.000726	0.000287	0.307	0.00000259	0.00173	0.00025	0.00117	0.00128
2065 Jan	0.000181	0.00106	0.0218	0.00000335	6.35	5.03	0.0404	0.00187	32.5	0.00279	0.00458	0.0000637	0.000726	0.000287	0.307	0.00000259	0.00173	0.00025	0.00117	0.00128
2065 Feb	0.000181	0.00106	0.0218	0.00000335	6.35	5.03	0.0404	0.00187	32.5	0.00279	0.00458	0.0000637	0.000726	0.000287	0.307	0.00000259	0.00173	0.00025	0.00117	0.00128
2065 Mar	0.000181	0.00106	0.0218	0.00000335	6.35	5.03	0.0404	0.00187	32.5	0.00279	0.00458	0.0000637	0.000726	0.000287	0.307	0.00000259	0.00173	0.00025	0.00117	0.00128
2065 Apr	0.000181	0.00106	0.0218	0.00000335	6.35	5.04	0.0404	0.00187	32.5	0.00279	0.00458	0.0000637	0.000726	0.000287	0.307	0.00000259	0.00173	0.00025	0.00117	0.00128
2065 May	0.000181	0.00106	0.0218	0.00000336	6.37	5.05	0.0405	0.00187	32.5	0.0028	0.00458	0.0000638	0.000729	0.000288	0.308	0.00000259	0.00173	0.000251	0.00117	0.00129
2065 Jun	0.000182	0.00106	0.0219	0.00000338	6.38	5.06	0.0406	0.00188	32.5	0.0028	0.00457	0.0000642	0.00073	0.000289	0.309	0.00000259	0.00174	0.000252	0.00117	0.0013
2065 Jul	0.000182	0.00106	0.022	0.00000339	6.4	5.07	0.0407	0.00188	32.5	0.00281	0.00458	0.0000644	0.000732	0.000289	0.309	0.00000259	0.00174	0.000252	0.00117	0.00131
2065 Aug	0.000182	0.00106	0.022	0.0000034	6.41	5.08	0.0409	0.00189	32.5	0.00282	0.00459	0.0000645	0.000734	0.00029	0.31	0.0000026	0.00175	0.000253	0.00118	0.00131
2065 Sep	0.000183	0.00106	0.022	0.00000341	6.43	5.09	0.041	0.00189	32.5	0.00282	0.00458	0.0000646	0.000736	0.000291	0.311	0.0000026	0.00175	0.000254	0.00118	0.00132
2065 Oct	0.000183	0.00106	0.022	0.00000343	6.45	5.11	0.0411	0.0019	32.4	0.00283	0.00457	0.0000645	0.000739	0.000292	0.312	0.0000026	0.00176	0.000254	0.00118	0.00134
2065 Nov	0.000183	0.00106	0.022	0.00000343	6.46	5.11	0.0412	0.0019	32.4	0.00283	0.00457	0.0000645	0.00074	0.000292	0.313	0.0000026	0.00176	0.000254	0.00118	0.00134
2065 Dec	0.000183	0.00107	0.022	0.00000343	6.46	5.11	0.0412	0.0019	32.4	0.00284	0.00457	0.0000645	0.00074	0.000292	0.313	0.0000026	0.00176	0.000254	0.00118	0.00134
2066 Jan	0.000183	0.00107	0.022	0.00000343	6.46	5.11	0.0412	0.0019	32.4	0.00284	0.00457	0.0000645	0.00074	0.000292	0.313	0.0000026	0.00176	0.000254	0.00118	0.00134
2066 Feb	0.000183	0.00107	0.022	0.00000344	6.46	5.11	0.0412	0.0019	32.4	0.00284	0.00457	0.0000645	0.00074	0.000292	0.313	0.0000026	0.00176	0.000254	0.00118	0.00134
2066 Mar	0.000183	0.00107	0.022	0.00000344	6.46	5.12	0.0412	0.0019	32.4	0.00284	0.00457	0.0000645	0.00074	0.000292	0.313	0.0000026	0.00176	0.000254	0.00118	0.00134
2066 Apr	0.000183	0.00107	0.022	0.00000344	6.46	5.12	0.0412	0.0019	32.4	0.00284	0.00457	0.0000645	0.00074	0.000292	0.313	0.0000026	0.00176	0.000254	0.00118	0.00134
2066 May	0.000183	0.00107	0.0221	0.00000344	6.46	5.12	0.0412	0.0019	32.4	0.00284	0.00458	0.0000646	0.00074	0.000292	0.313	0.0000026	0.00176	0.000254	0.00118	0.00134
2066 Jun	0.000183	0.00106	0.0221	0.00000345	6.47	5.12	0.0413	0.00191	32.4	0.00284	0.00457	0.0000648	0.000742	0.000293	0.313	0.00000259	0.00177	0.000255	0.00118	0.00135
2066 Jul	0.000183	0.00107	0.0222	0.00000347	6.49	5.14	0.0414	0.00191	32.4	0.00285	0.00458	0.0000649	0.000744	0.000294	0.314	0.0000026	0.00177	0.000256	0.00118	0.00135
2066 Aug	0.000184	0.00107	0.0222	0.00000348	6.5	5.15	0.0415	0.00192	32.4	0.00285	0.00458	0.000065	0.000746	0.000294	0.315	0.0000026	0.00178	0.000256	0.00118	0.00136
2066 Sep	0.000184	0.00107	0.0222	0.00000349	6.52	5.16	0.0416	0.00192	32.4	0.00286	0.00458	0.0000651	0.000748	0.000295	0.316	0.0000026	0.00178	0.000257	0.00118	0.00137
2066 Oct	0.000184	0.00107	0.0223	0.0000035	6.53	5.17	0.0417	0.00193	32.4	0.00287	0.00458	0.000065	0.00075	0.000296	0.316	0.0000026	0.00179	0.000257	0.00118	0.00138
2066 Nov	0.000184	0.00107	0.0223	0.00000351	6.54	5.17	0.0418	0.00193	32.4	0.00287	0.00458	0.000065	0.000751	0.000296	0.317	0.0000026	0.00179	0.000258	0.00118	0.00138
2066 Dec	0.000184	0.00107	0.0223	0.00000351	6.54	5.17	0.0418	0.00193	32.4	0.00287	0.00458	0.000065	0.000751	0.000296	0.317	0.0000026	0.00179	0.000258	0.00118	0.00138
2067 Jan	0.000184	0.00107	0.0223	0.00000351	6.54	5.17	0.0418	0.00193	32.4	0.00287	0.00458	0.000065	0.000751	0.000296	0.317	0.0000026	0.00179	0.000258	0.00118	0.00138
2067 Feb	0.000184	0.00107	0.0223	0.00000351	6.54	5.17	0.0418	0.00193	32.4	0.00287	0.00458	0.000065	0.000751	0.000296	0.317	0.0000026	0.00179	0.000258	0.00118	0.00138
2067 Mar	0.000184	0.00107	0.0223	0.00000351	6.54	5.17	0.0418	0.00193	32.4	0.00287	0.00458	0.000065	0.000751	0.000296	0.317	0.0000026	0.00179	0.000258	0.00118	0.00138
2067 Apr	0.000184	0.00107	0.0223	0.00000351	6.54	5.17	0.0418	0.00193	32.4	0.00287	0.00458	0.000065	0.000751	0.000296	0.317	0.0000026	0.00179	0.000258	0.00118	0.00138

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2067 May	0.000185	0.00107	0.0223	0.00000351	6.55	5.18	0.0418	0.00193	32.4	0.00287	0.00458	0.0000651	0.000752	0.000296	0.317	0.0000026	0.00179	0.000258	0.00118	0.00138
2067 Jun	0.000185	0.00107	0.0224	0.00000353	6.55	5.18	0.0419	0.00193	32.4	0.00288	0.00458	0.0000655	0.000753	0.000297	0.317	0.0000026	0.00179	0.000259	0.00118	0.00139
2067 Jul	0.000185	0.00107	0.0224	0.00000354	6.57	5.2	0.042	0.00194	32.4	0.00288	0.00458	0.0000657	0.000755	0.000297	0.318	0.00000261	0.0018	0.000259	0.00118	0.0014
2067 Aug	0.000185	0.00107	0.0225	0.00000355	6.58	5.21	0.0421	0.00194	32.4	0.00289	0.00459	0.0000658	0.000756	0.000298	0.319	0.00000261	0.0018	0.00026	0.00119	0.0014
2067 Sep	0.000186	0.00107	0.0225	0.00000356	6.6	5.22	0.0422	0.00195	32.4	0.0029	0.00459	0.0000659	0.000758	0.000298	0.32	0.00000261	0.00181	0.00026	0.00119	0.00141
2067 Oct	0.000186	0.00107	0.0225	0.00000357	6.61	5.22	0.0423	0.00195	32.4	0.0029	0.00458	0.0000659	0.000759	0.000299	0.32	0.00000261	0.00181	0.000261	0.00119	0.00142
2067 Nov	0.000186	0.00107	0.0225	0.00000357	6.61	5.23	0.0423	0.00195	32.4	0.0029	0.00458	0.0000659	0.00076	0.000299	0.32	0.00000261	0.00181	0.000261	0.00119	0.00142
2067 Dec	0.000186	0.00107	0.0225	0.00000357	6.61	5.23	0.0423	0.00195	32.4	0.0029	0.00458	0.0000659	0.00076	0.000299	0.32	0.00000261	0.00181	0.000261	0.00119	0.00142
2068 Jan	0.000186	0.00107	0.0225	0.00000357	6.61	5.23	0.0423	0.00195	32.4	0.0029	0.00458	0.0000659	0.00076	0.000299	0.32	0.00000261	0.00181	0.000261	0.00119	0.00142
2068 Feb	0.000186	0.00107	0.0225	0.00000357	6.61	5.23	0.0423	0.00195	32.4	0.0029	0.00458	0.0000659	0.00076	0.000299	0.321	0.00000261	0.00181	0.000261	0.00119	0.00142
2068 Mar	0.000186	0.00107	0.0225	0.00000357	6.61	5.23	0.0423	0.00195	32.4	0.0029	0.00458	0.0000659	0.00076	0.000299	0.321	0.00000261	0.00181	0.000261	0.00119	0.00142
2068 Apr	0.000186	0.00107	0.0225	0.00000357	6.61	5.23	0.0423	0.00195	32.4	0.0029	0.00458	0.0000659	0.00076	0.000299	0.321	0.00000261	0.00181	0.000261	0.00119	0.00142
2068 May	0.000186	0.00107	0.0225	0.00000358	6.62	5.23	0.0424	0.00196	32.4	0.00291	0.00459	0.000066	0.000761	0.0003	0.321	0.00000261	0.00181	0.000261	0.00119	0.00142
2068 Jun	0.000186	0.00107	0.0227	0.0000036	6.63	5.24	0.0425	0.00196	32.3	0.00291	0.00458	0.0000666	0.000762	0.0003	0.321	0.0000026	0.00182	0.000262	0.00119	0.00143
2068 Jul	0.000187	0.00107	0.0227	0.00000361	6.64	5.25	0.0426	0.00196	32.3	0.00291	0.00458	0.0000668	0.000764	0.0003	0.322	0.00000261	0.00182	0.000263	0.00119	0.00144
2068 Aug	0.000187	0.00107	0.0228	0.00000362	6.65	5.26	0.0427	0.00197	32.3	0.00292	0.00459	0.0000669	0.000765	0.000301	0.323	0.00000261	0.00182	0.000263	0.00119	0.00144
2068 Sep	0.000187	0.00107	0.0228	0.00000363	6.66	5.27	0.0428	0.00197	32.3	0.00292	0.00459	0.000067	0.000767	0.000301	0.323	0.00000261	0.00183	0.000264	0.00119	0.00145
2068 Oct	0.000187	0.00108	0.0228	0.00000364	6.67	5.27	0.0428	0.00197	32.3	0.00293	0.00459	0.000067	0.000768	0.000302	0.323	0.00000261	0.00183	0.000264	0.00119	0.00145
2068 Nov	0.000187	0.00108	0.0228	0.00000364	6.67	5.27	0.0428	0.00197	32.3	0.00293	0.00459	0.000067	0.000768	0.000302	0.324	0.00000261	0.00183	0.000264	0.00119	0.00145
2068 Dec	0.000187	0.00108	0.0228	0.00000364	6.67	5.27	0.0429	0.00197	32.3	0.00293	0.00459	0.0000671	0.000768	0.000302	0.324	0.00000261	0.00183	0.000264	0.00119	0.00146
2069 Jan	0.000187	0.00108	0.0228	0.00000364	6.67	5.27	0.0429	0.00197	32.3	0.00293	0.00459	0.0000671	0.000768	0.000302	0.324	0.00000261	0.00183	0.000264	0.00119	0.00146
2069 Feb	0.000187	0.00108	0.0228	0.00000364	6.68	5.27	0.0429	0.00197	32.3	0.00293	0.00459	0.0000671	0.000768	0.000302	0.324	0.00000261	0.00183	0.000264	0.00119	0.00146
2069 Mar	0.000187	0.00108	0.0228	0.00000364	6.68	5.28	0.0429	0.00197	32.3	0.00293	0.00459	0.0000671	0.000768	0.000302	0.324	0.00000261	0.00183	0.000264	0.00119	0.00146
2069 Apr	0.000187	0.00108	0.0228	0.00000364	6.68	5.28	0.0429	0.00198	32.3	0.00293	0.00459	0.0000671	0.000769	0.000302	0.324	0.00000261	0.00183	0.000264	0.00119	0.00146
2069 May	0.000188	0.00108	0.0228	0.00000364	6.68	5.28	0.0429	0.00198	32.3	0.00293	0.00459	0.0000671	0.000769	0.000302	0.324	0.00000261	0.00183	0.000264	0.00119	0.00146
2069 Jun	0.000188	0.00108	0.0229	0.00000366	6.69	5.28	0.043	0.00198	32.3	0.00294	0.00459	0.0000672	0.00077	0.000303	0.324	0.00000261	0.00184	0.000265	0.00119	0.00146
2069 Jul	0.000188	0.00108	0.0229	0.00000367	6.7	5.29	0.043	0.00198	32.3	0.00294	0.00459	0.0000673	0.000771	0.000303	0.325	0.00000261	0.00184	0.000265	0.00119	0.00147
2069 Aug	0.000188	0.00108	0.023	0.00000368	6.71	5.3	0.0431	0.00199	32.3	0.00295	0.0046	0.0000674	0.000773	0.000304	0.325	0.00000262	0.00184	0.000266	0.00119	0.00147
2069 Sep	0.000188	0.00108	0.023	0.00000369	6.72	5.3	0.0432	0.00199	32.3	0.00295	0.00459	0.0000674	0.000774	0.000304	0.326	0.00000262	0.00184	0.000266	0.00119	0.00148
2069 Oct	0.000188	0.00108	0.023	0.0000037	6.72	5.31	0.0432	0.00199	32.2	0.00295	0.00459	0.0000673	0.000774	0.000304	0.326	0.00000261	0.00185	0.000266	0.00119	0.00148
2069 Nov	0.000188	0.00108	0.023	0.0000037	6.73	5.31	0.0432	0.00199	32.2	0.00295	0.00459	0.0000673	0.000775	0.000304	0.326	0.00000261	0.00185	0.000266	0.00119	0.00149
2069 Dec	0.000188	0.00108	0.023	0.0000037	6.73	5.31	0.0432	0.00199	32.2	0.00295	0.00459	0.0000673	0.000775	0.000304	0.326	0.00000261	0.00185	0.000266	0.00119	0.00149
2070 Jan	0.000188	0.00108	0.023	0.0000037	6.73	5.31	0.0432	0.00199	32.2	0.00295	0.00459	0.0000673	0.000775	0.000304	0.326	0.00000261	0.00185	0.000266	0.00119	0.00149
2070 Feb	0.000188	0.00108	0.023	0.0000037	6.73	5.31	0.0432	0.00199	32.2	0.00295	0.00459	0.0000673	0.000775	0.000304	0.326	0.00000261	0.00185	0.000266	0.00119	0.00149
2070 Mar	0.000188	0.00108	0.023	0.0000037	6.73	5.31	0.0432	0.00199	32.2	0.00295	0.00459	0.0000673	0.000775	0.000304	0.326	0.00000261	0.00185	0.000266	0.00119	0.00149
2070 Apr	0.000188	0.00108	0.023	0.0000037	6.73	5.31	0.0432	0.00199	32.2	0.00295	0.00459	0.0000673	0.000775	0.000304	0.326	0.00000261	0.00185	0.000266	0.00119	0.00149
2070 May	0.000188	0.00108	0.023	0.00000371	6.73	5.31	0.0433	0.00199	32.2	0.00295	0.00459	0.0000674	0.000776	0.000305	0.327	0.00000261	0.00185	0.000266	0.00119	0.00149
2070 Jun	0.000189	0.00108	0.0231	0.00000372	6.74	5.32	0.0433	0.00199	32.2	0.00296	0.00459	0.0000678	0.000776	0.000305	0.327	0.00000261	0.00185	0.000267	0.00119	0.00149
2070 Jul	0.000189	0.00108	0.0232	0.00000373	6.75	5.33	0.0434	0.002	32.2	0.00296	0.0046	0.000068	0.000778	0.000305	0.327	0.00000262	0.00185	0.000268	0.00119	0.0015
2070 Aug	0.000189	0.00108	0.0232	0.00000374	6.76	5.34	0.0435	0.002	32.3	0.00297	0.0046	0.0000681	0.000779	0.000306	0.328	0.00000262	0.00186	0.000268	0.0012	0.0015
2070 Sep	0.000189	0.00108	0.0232	0.00000375	6.77	5.34	0.0436	0.002	32.2	0.00297	0.0046	0.0000681	0.00078	0.000306	0.328	0.00000262	0.00186	0.000268	0.0012	0.00151
2070 Oct	0.000189	0.00108	0.0232	0.00000376	6.77	5.34	0.0436	0.00201	32.2	0.00297	0.00459	0.0000681	0.000781	0.000306	0.329	0.00000262	0.00186	0.000269	0.0012	0.00151
2070 Nov	0.000189	0.00108	0.0233	0.00000376	6.77	5.35	0.0436	0.00201	32.2	0.00297	0.00459	0.0000681	0.000781	0.000306	0.329	0.00000262	0.00186	0.000269	0.0012	0.00152
2070 Dec	0.000189	0.00108	0.0233	0.00000376	6.77	5.35	0.0436	0.00201	32.2	0.00297	0.00459	0.0000681	0.000781	0.000306	0.329	0.00000262	0.00186	0.000269	0.0012	0.00152
2071 Jan	0.000189	0.00108	0.0233	0.00000376	6.77	5.35	0.0436	0.00201	32.2	0.00297	0.00459	0.0000681	0.000781	0.000306	0.329	0.00000262	0.00186	0.000269	0.0012	0.00152
2071 Feb	0.000189	0.00108	0.0233	0.00000376	6.77	5.35	0.0436	0.00201	32.2	0.00297	0.00459	0.0000681	0.000781	0.000306	0.329	0.00000262	0.00186	0.000269	0.0012	0.00152
2071 Mar	0.000189	0.00108	0.0233	0.00000376	6.77	5.35	0.0436	0.00201	32.2	0.00297	0.00459	0.0000681	0.000781	0.000306	0.329	0.00000262	0.00186	0.000269	0.0012	0.00152
2071 Apr	0.000189	0.00108	0.0233	0.00000376	6.77	5.35	0.0436	0.00201	32.2	0.00297	0.00459	0.0000681	0.000781	0.000306	0.329	0.00000262	0.00186	0.000269	0.0012	0.00152
2071 May	0.00019	0.00108	0.0233	0.00000377	6.78	5.35	0.0437	0.00201	32.2	0.00297	0.0046	0.0000682	0.000781	0.000307	0.329	0.00000262	0.00186	0.000269	0.0012	0.00152
2071 Jun	0.00019	0.00108	0.0234	0.00000378	6.78	5.35	0.0437	0.00201	32.1	0.00298	0.00459	0.0000687	0.000782	0.000307	0.329	0.00000261	0.00186	0.000269	0.00119	0.00152
2071 Jul	0.00019	0.00108	0.0234	0.00000379	6.79	5.36	0.0438	0.00201	32.2	0.00298	0.0046	0.0000688	0.000783	0.000307	0.329	0.00000261	0.00187	0.00027	0.0012	0.00152
2071 Aug	0.00019	0.00108	0.0235	0.0000038	6.8	5.36	0.0439	0.00201	32.2	0.00298	0.0046	0.0000689	0.000784	0.000307	0.33	0.00000262	0.00187	0.00027	0.0012	0.00153
2071 Sep	0.00019	0.00108	0.0235	0.00000381	6.8	5.37	0.0439	0.00202	32.2	0.00299	0.0046	0.000069	0.000785	0.000308	0.33	0.00000262	0.00187	0.000271	0.0012	0.00153
2071 Oct	0.00019	0.00108	0.0235	0.00000381	6.81	5.37	0.0439	0.00202	32.2	0.00299	0.0046	0.000069	0.000785	0.000308	0.33	0.00000262	0.00187	0.000271	0.0012	0.00154
2071 Nov	0.00019	0.00108	0.0235	0.00000382	6.81	5.37	0.044	0.00202	32.1	0.00299	0.0046	0.000069	0.000785	0.000308	0.33	0.00000262	0.00187	0.000271	0.0012	0.00154
2071 Dec	0.00019	0.00108	0.0235	0.00000382	6.81	5.37	0.044	0.00202	32.1	0.00299	0.0046	0.000069	0.000785	0.000308	0.33	0.00000262	0.00187	0.000271	0.0012	0.00154
2072 Jan	0.00019	0.00108	0.0235	0.00000382	6.81	5.37	0.044	0.00202	32.1	0.00299	0.0046	0.000069	0.000785	0.000308	0.33	0.00000262	0.00187	0.000271	0.0012	0.00154
2072 Feb	0.00019	0.00108	0.0235	0.00000382	6.81	5.37	0.044	0.00202	32.1	0.00299	0.0046	0.000069	0.000786	0.000308	0.33	0.00000262	0.00187	0.000271	0.0012	0.00154
2072 Mar	0.00019	0.00108	0.0235	0.00000382	6.81	5.37	0.044	0.00202	32.1	0.00299	0.0046	0.000069	0.000786	0.000308	0.33	0.00000262	0.00187	0.000271	0.0012	0.00154
2072 Apr	0.00019	0.00108	0.0235	0.00000382	6.81	5.37	0.044	0.00202	32.1	0.00299	0.0046	0.0000691	0.000786	0.000308	0.33	0.00000262	0.00187	0.000271	0.0012	0.00154
2072 May	0.00019	0.00108	0.0235	0.00000382	6.81	5.37	0.044	0.00202	32.2	0.00299	0.0046	0.0000691	0.000786	0.000308	0.331	0.00000262	0.00188	0.000271	0.0012	0.00154
2072 Jun	0.000191	0.00108	0.0236	0.00000383	6.81	5.38	0.044	0.00202	32.1	0.00299	0.0046	0.0000691	0.000786	0.000308	0.331	0.00000262	0.00188	0.000271	0.0012	0.00154
2072 Jul	0.000191	0.00108	0.0236	0.00000384	6.82	5.38	0.0441	0.00202	32.2	0.003	0.0046	0.0000692	0.000788	0.000309	0.331	0.00000262	0.00188	0.000272	0.0012	0.00155
2072 Aug	0.000191	0.00108	0.0236	0.00000385	6.83	5.39	0.0441	0.00203	32.1	0.003	0.0046	0.0000692	0.000789	0.000309	0.332	0.00000262	0.00188	0.000272	0.0012	0.00155
2072 Sep	0.000191	0.00108	0.0236	0.00000386	6.84	5.39	0.0442	0.00203	32.1	0.003	0.0046	0.0000691	0.000789	0.000309	0.332	0.00000262	0.00188	0.000272	0.0012	0.00156
2072 Oct	0.000191	0.00108	0.0236	0.00000387	6.84	5.39	0.0442	0.00203	32.1	0.003	0.0046	0.000069	0.00079	0.000309	0.332	0.00000261	0.00189	0.000272	0.0012	0.00156
2072 Nov	0.000191	0.00108	0.0236	0.00000387	6.84	5.4	0.0442	0.00203	32.1	0.003	0.0046	0.000069	0.00079	0.000309	0.332	0.00000261	0.00189	0.000272	0.0012	0.00156

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2072 Dec	0.000191	0.00108	0.0236	0.00000387	6.84	5.4	0.0442	0.00203	32.1	0.003	0.0046	0.000069	0.00079	0.000309	0.332	0.00000261	0.00189	0.000272	0.0012	0.00157
2073 Jan	0.000191	0.00108	0.0236	0.00000387	6.84	5.4	0.0442	0.00203	32.1	0.003	0.0046	0.000069	0.00079	0.000309	0.332	0.00000261	0.00189	0.000272	0.0012	0.00157
2073 Feb	0.000191	0.00108	0.0236	0.00000387	6.84	5.4	0.0442	0.00203	32.1	0.003	0.0046	0.000069	0.00079	0.000309	0.332	0.00000261	0.00189	0.000272	0.0012	0.00157
2073 Mar	0.000191	0.00108	0.0236	0.00000387	6.84	5.4	0.0442	0.00203	32.1	0.003	0.0046	0.000069	0.00079	0.000309	0.332	0.00000261	0.00189	0.000272	0.0012	0.00157
2073 Apr	0.000191	0.00108	0.0236	0.00000387	6.84	5.4	0.0442	0.00203	32.1	0.003	0.0046	0.000069	0.00079	0.00031	0.332	0.00000261	0.00189	0.000272	0.0012	0.00157
2073 May	0.000191	0.00108	0.0237	0.00000389	6.86	5.41	0.0443	0.00204	32	0.00301	0.0046	0.0000692	0.000792	0.00031	0.333	0.00000261	0.00189	0.000273	0.0012	0.00158
2073 Jun	0.000191	0.00108	0.0238	0.0000039	6.86	5.41	0.0444	0.00204	32	0.00301	0.00459	0.0000695	0.000793	0.00031	0.333	0.00000261	0.00189	0.000273	0.0012	0.00159
2073 Jul	0.000192	0.00108	0.0238	0.00000391	6.87	5.42	0.0445	0.00204	32	0.00302	0.0046	0.0000697	0.000794	0.000311	0.334	0.00000261	0.0019	0.000274	0.0012	0.00159
2073 Aug	0.000192	0.00108	0.0238	0.00000392	6.89	5.43	0.0446	0.00204	32	0.00302	0.0046	0.0000698	0.000796	0.000311	0.334	0.00000262	0.0019	0.000274	0.0012	0.00159
2073 Sep	0.000192	0.00108	0.0239	0.00000393	6.89	5.43	0.0446	0.00205	32	0.00303	0.0046	0.0000699	0.000796	0.000312	0.335	0.00000262	0.0019	0.000275	0.0012	0.0016
2073 Oct	0.000192	0.00108	0.0239	0.00000394	6.9	5.43	0.0446	0.00205	32	0.00303	0.0046	0.0000699	0.000797	0.000312	0.335	0.00000261	0.0019	0.000275	0.0012	0.00161
2073 Nov	0.000192	0.00108	0.0239	0.00000394	6.9	5.44	0.0447	0.00205	32	0.00303	0.0046	0.0000699	0.000797	0.000312	0.335	0.00000261	0.0019	0.000275	0.0012	0.00161
2073 Dec	0.000192	0.00108	0.0239	0.00000394	6.9	5.44	0.0447	0.00205	32	0.00303	0.0046	0.0000699	0.000797	0.000312	0.335	0.00000261	0.0019	0.000275	0.0012	0.00161
2074 Jan	0.000192	0.00108	0.0239	0.00000394	6.9	5.44	0.0447	0.00205	32	0.00303	0.0046	0.0000699	0.000797	0.000312	0.335	0.00000261	0.0019	0.000275	0.0012	0.00161
2074 Feb	0.000192	0.00108	0.0239	0.00000394	6.9	5.44	0.0447	0.00205	32	0.00303	0.0046	0.0000699	0.000797	0.000312	0.335	0.00000261	0.0019	0.000275	0.0012	0.00161
2074 Mar	0.000192	0.00108	0.0239	0.00000394	6.9	5.44	0.0447	0.00205	32	0.00303	0.0046	0.0000699	0.000797	0.000312	0.335	0.00000261	0.0019	0.000275	0.0012	0.00161
2074 Apr	0.000192	0.00108	0.0239	0.00000394	6.9	5.44	0.0447	0.00205	32	0.00303	0.0046	0.0000699	0.000797	0.000312	0.335	0.00000261	0.0019	0.000275	0.0012	0.00161
2074 May	0.000192	0.00108	0.0239	0.00000396	6.92	5.45	0.0448	0.00206	31.9	0.00304	0.00459	0.0000701	0.0008	0.000313	0.336	0.00000261	0.00191	0.000276	0.0012	0.00162
2074 Jun	0.000193	0.00108	0.024	0.00000398	6.92	5.45	0.0449	0.00206	31.8	0.00304	0.00459	0.0000706	0.000801	0.000313	0.336	0.00000261	0.00191	0.000276	0.0012	0.00163
2074 Jul	0.000193	0.00108	0.0241	0.00000399	6.93	5.46	0.045	0.00206	31.9	0.00304	0.00459	0.0000709	0.000802	0.000314	0.337	0.00000261	0.00192	0.000277	0.0012	0.00164
2074 Aug	0.000193	0.00108	0.0242	0.000004	6.95	5.47	0.0451	0.00207	31.9	0.00305	0.0046	0.0000711	0.000804	0.000314	0.338	0.00000262	0.00192	0.000278	0.0012	0.00164
2074 Sep	0.000193	0.00108	0.0242	0.00000401	6.95	5.48	0.0452	0.00207	31.9	0.00305	0.0046	0.0000711	0.000805	0.000315	0.338	0.00000262	0.00192	0.000278	0.0012	0.00165
2074 Oct	0.000194	0.00108	0.0242	0.00000402	6.96	5.48	0.0452	0.00207	31.8	0.00306	0.00459	0.0000712	0.000806	0.000315	0.338	0.00000261	0.00192	0.000278	0.0012	0.00166
2074 Nov	0.000194	0.00108	0.0242	0.00000403	6.97	5.49	0.0453	0.00207	31.8	0.00306	0.00459	0.0000712	0.000806	0.000315	0.339	0.00000261	0.00193	0.000278	0.0012	0.00166
2074 Dec	0.000194	0.00108	0.0242	0.00000403	6.97	5.49	0.0453	0.00207	31.8	0.00306	0.00459	0.0000712	0.000806	0.000315	0.339	0.00000261	0.00193	0.000278	0.0012	0.00166
2075 Jan	0.000194	0.00108	0.0242	0.00000403	6.97	5.49	0.0453	0.00207	31.8	0.00306	0.00459	0.0000712	0.000806	0.000315	0.339	0.00000261	0.00193	0.000278	0.0012	0.00166
2075 Feb	0.000194	0.00108	0.0242	0.00000403	6.97	5.49	0.0453	0.00207	31.8	0.00306	0.00459	0.0000712	0.000806	0.000315	0.339	0.00000261	0.00193	0.000278	0.0012	0.00166
2075 Mar	0.000194	0.00108	0.0242	0.00000403	6.97	5.49	0.0453	0.00207	31.8	0.00306	0.00459	0.0000712	0.000806	0.000315	0.339	0.00000261	0.00193	0.000278	0.0012	0.00166
2075 Apr	0.000194	0.00108	0.0242	0.00000403	6.97	5.49	0.0453	0.00207	31.8	0.00306	0.00459	0.0000712	0.000807	0.000315	0.339	0.00000261	0.00193	0.000279	0.0012	0.00167
2075 May	0.000194	0.00108	0.0242	0.00000404	6.98	5.5	0.0453	0.00208	31.8	0.00306	0.00459	0.0000712	0.000808	0.000316	0.339	0.00000262	0.00193	0.000279	0.0012	0.00167
2075 Jun	0.000194	0.00108	0.0242	0.00000405	6.98	5.5	0.0453	0.00208	31.8	0.00306	0.00459	0.0000712	0.000808	0.000316	0.339	0.00000261	0.00193	0.000279	0.0012	0.00168
2075 Jul	0.000194	0.00108	0.0243	0.00000406	6.99	5.5	0.0454	0.00208	31.8	0.00307	0.00459	0.0000712	0.000809	0.000316	0.34	0.00000261	0.00193	0.000279	0.0012	0.00168
2075 Aug	0.000194	0.00108	0.0243	0.00000407	7	5.51	0.0455	0.00208	31.8	0.00307	0.00459	0.0000713	0.00081	0.000316	0.34	0.00000261	0.00193	0.00028	0.00121	0.00169
2075 Sep	0.000194	0.00108	0.0243	0.00000408	7	5.51	0.0455	0.00208	31.8	0.00307	0.00459	0.0000713	0.000811	0.000317	0.34	0.00000262	0.00194	0.00028	0.00121	0.00169
2075 Oct	0.000194	0.00108	0.0243	0.00000408	7	5.51	0.0455	0.00208	31.8	0.00307	0.00459	0.0000713	0.000811	0.000317	0.34	0.00000262	0.00194	0.00028	0.00121	0.00169
2075 Nov	0.000194	0.00108	0.0243	0.00000408	7.01	5.51	0.0455	0.00209	31.8	0.00308	0.00459	0.0000712	0.000812	0.000317	0.341	0.00000262	0.00194	0.00028	0.00121	0.0017
2075 Dec	0.000194	0.00108	0.0243	0.00000408	7.01	5.51	0.0455	0.00209	31.8	0.00308	0.00459	0.0000712	0.000812	0.000317	0.341	0.00000262	0.00194	0.00028	0.00121	0.0017
2076 Jan	0.000194	0.00108	0.0243	0.00000408	7.01	5.51	0.0455	0.00209	31.8	0.00308	0.00459	0.0000712	0.000812	0.000317	0.341	0.00000262	0.00194	0.00028	0.00121	0.0017
2076 Feb	0.000194	0.00108	0.0243	0.00000408	7.01	5.51	0.0455	0.00209	31.8	0.00308	0.00459	0.0000713	0.000812	0.000317	0.341	0.00000262	0.00194	0.00028	0.00121	0.0017
2076 Mar	0.000194	0.00108	0.0243	0.00000408	7.01	5.51	0.0455	0.00209	31.8	0.00308	0.00459	0.0000713	0.000812	0.000317	0.341	0.00000262	0.00194	0.00028	0.00121	0.0017
2076 Apr	0.000194	0.00108	0.0243	0.00000408	7.01	5.52	0.0455	0.00209	31.8	0.00308	0.00459	0.0000713	0.000812	0.000317	0.341	0.00000262	0.00194	0.00028	0.00121	0.0017
2076 May	0.000194	0.00109	0.0243	0.00000409	7.01	5.52	0.0456	0.00209	31.8	0.00308	0.00459	0.0000714	0.000812	0.000317	0.341	0.00000262	0.00194	0.00028	0.00121	0.0017
2076 Jun	0.000194	0.00108	0.0244	0.0000041	7.01	5.52	0.0456	0.00209	31.7	0.00308	0.00459	0.0000718	0.000812	0.000317	0.341	0.00000261	0.00194	0.000281	0.00121	0.0017
2076 Jul	0.000195	0.00108	0.0245	0.00000411	7.02	5.52	0.0457	0.00209	31.8	0.00308	0.0046	0.0000719	0.000813	0.000317	0.341	0.00000261	0.00194	0.000281	0.00121	0.0017
2076 Aug	0.000195	0.00109	0.0245	0.00000412	7.03	5.53	0.0457	0.00209	31.8	0.00309	0.0046	0.0000721	0.000814	0.000318	0.342	0.00000262	0.00194	0.000282	0.00121	0.00171
2076 Sep	0.000195	0.00109	0.0246	0.00000413	7.03	5.54	0.0458	0.00209	31.8	0.00309	0.0046	0.0000722	0.000815	0.000318	0.342	0.00000262	0.00195	0.000282	0.00121	0.00171
2076 Oct	0.000195	0.00109	0.0246	0.00000413	7.04	5.54	0.0458	0.00209	31.8	0.00309	0.0046	0.0000722	0.000815	0.000318	0.342	0.00000262	0.00195	0.000282	0.00121	0.00172
2076 Nov	0.000195	0.00109	0.0246	0.00000413	7.04	5.54	0.0458	0.00209	31.7	0.00309	0.0046	0.0000722	0.000816	0.000318	0.342	0.00000262	0.00195	0.000282	0.00121	0.00172
2076 Dec	0.000195	0.00109	0.0246	0.00000413	7.04	5.54	0.0458	0.0021	31.7	0.00309	0.0046	0.0000722	0.000816	0.000318	0.342	0.00000262	0.00195	0.000282	0.00121	0.00172
2077 Jan	0.000195	0.00109	0.0246	0.00000413	7.04	5.54	0.0458	0.0021	31.7	0.00309	0.0046	0.0000722	0.000816	0.000318	0.342	0.00000262	0.00195	0.000282	0.00121	0.00172
2077 Feb	0.000195	0.00109	0.0246	0.00000413	7.04	5.54	0.0458	0.0021	31.7	0.00309	0.0046	0.0000722	0.000816	0.000318	0.342	0.00000262	0.00195	0.000282	0.00121	0.00172
2077 Mar	0.000195	0.00109	0.0246	0.00000414	7.04	5.54	0.0458	0.0021	31.7	0.00309	0.0046	0.0000722	0.000816	0.000318	0.342	0.00000262	0.00195	0.000282	0.00121	0.00172
2077 Apr	0.000195	0.00109	0.0246	0.00000414	7.04	5.54	0.0458	0.0021	31.7	0.00309	0.0046	0.0000722	0.000816	0.000318	0.342	0.00000262	0.00195	0.000282	0.00121	0.00172
2077 May	0.000195	0.00109	0.0246	0.00000414	7.04	5.54	0.0459	0.0021	31.7	0.00309	0.0046	0.0000723	0.000816	0.000318	0.342	0.00000262	0.00195	0.000283	0.00121	0.00172
2077 Jun	0.000195	0.00109	0.0247	0.00000415	7.04	5.54	0.0459	0.0021	31.7	0.00309	0.0046	0.0000727	0.000816	0.000318	0.342	0.00000261	0.00195	0.000283	0.00121	0.00173
2077 Jul	0.000196	0.00109	0.0248	0.00000417	7.05	5.55	0.046	0.0021	31.7	0.0031	0.0046	0.0000729	0.000818	0.000319	0.343	0.00000262	0.00195	0.000284	0.00121	0.00173
2077 Aug	0.000196	0.00109	0.0248	0.00000417	7.06	5.56	0.0461	0.0021	31.7	0.0031	0.00461	0.000073	0.000819	0.000319	0.344	0.00000262	0.00196	0.000284	0.00121	0.00174
2077 Sep	0.000196	0.00109	0.0248	0.00000419	7.07	5.56	0.0461	0.0021	31.7	0.0031	0.0046	0.000073	0.000819	0.00032	0.344	0.00000262	0.00196	0.000284	0.00121	0.00174
2077 Oct	0.000196	0.00109	0.0248	0.00000419	7.07	5.56	0.0461	0.00211	31.7	0.0031	0.0046	0.0000731	0.00082	0.00032	0.344	0.00000262	0.00196	0.000284	0.00121	0.00175
2077 Nov	0.000196	0.00109	0.0248	0.00000419	7.07	5.56	0.0462	0.00211	31.7	0.00311	0.0046	0.0000731	0.00082	0.00032	0.344	0.00000262	0.00196	0.000284	0.00121	0.00175
2077 Dec	0.000196	0.00109	0.0248	0.00000419	7.07	5.56	0.0462	0.00211	31.7	0.00311	0.0046	0.0000731	0.00082	0.00032	0.344	0.00000262	0.00196	0.000284	0.00121	0.00175
2078 Jan	0.000196	0.00109	0.0248	0.00000419	7.07	5.56	0.0462	0.00211	31.7	0.00311	0.0046	0.0000731	0.00082	0.00032	0.344	0.00000262	0.00196	0.000284	0.00121	0.00175
2078 Feb	0.000196	0.00109	0.0248	0.00000419	7.07	5.56	0.0462	0.00211	31.7	0.00311	0.0046	0.0000731	0.00082	0.00032	0.344	0.00000262	0.00196	0.000284	0.00121	0.00175
2078 Mar	0.000196	0.00109	0.0248	0.00000419	7.07	5.56	0.0462	0.00211	31.7	0.00311	0.0046	0.0000731	0.00082	0.00032	0.344	0.00000262	0.00196	0.000284	0.00121	0.00175
2078 Apr	0.000196	0.00109	0.0248	0.00000419	7.07	5.57	0.0462	0.00211	31.7	0.00311	0.0046	0.0000731	0.00082	0.00032	0.344	0.00000262	0.00196	0.000285	0.00121	0.00175
2078 May	0.000196	0.00109	0.0249	0.00000421	7.08	5.57	0.0463	0.00211	31.6	0.00311	0.0046	0.0000733	0.000821	0.00032	0.344	0.00000262	0.00196	0.000285	0.00121	0.00176
2078 Jun	0.000196	0.00109	0.025	0.00000422	7.08	5.57	0.0463	0.00211	31.6	0.00311	0.0046	0.0000738	0.000821	0.00032	0.344	0.00000261	0.00196	0.000286	0.00121	0.00176

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2078 Jul	0.000197	0.00109	0.025	0.00000423	7.09	5.58	0.0464	0.00211	31.6	0.00311	0.0046	0.000074	0.000822	0.000321	0.345	0.00000261	0.00197	0.000286	0.00121	0.00177
2078 Aug	0.000197	0.00109	0.0251	0.00000424	7.1	5.59	0.0465	0.00212	31.6	0.00312	0.00461	0.0000741	0.000824	0.000321	0.345	0.00000262	0.00197	0.000287	0.00121	0.00177
2078 Sep	0.000197	0.00109	0.0251	0.00000425	7.11	5.59	0.0465	0.00212	31.6	0.00312	0.00461	0.0000743	0.000824	0.000321	0.346	0.00000262	0.00197	0.000287	0.00121	0.00178
2078 Oct	0.000197	0.00109	0.0251	0.00000426	7.11	5.59	0.0465	0.00212	31.6	0.00312	0.0046	0.0000743	0.000825	0.000321	0.346	0.00000262	0.00197	0.000287	0.00121	0.00178
2078 Nov	0.000197	0.00109	0.0252	0.00000426	7.11	5.6	0.0466	0.00212	31.6	0.00312	0.0046	0.0000743	0.000825	0.000322	0.346	0.00000262	0.00197	0.000287	0.00121	0.00179
2078 Dec	0.000197	0.00109	0.0252	0.00000426	7.11	5.6	0.0466	0.00212	31.6	0.00312	0.0046	0.0000743	0.000825	0.000322	0.346	0.00000262	0.00197	0.000287	0.00121	0.00179
2079 Jan	0.000197	0.00109	0.0252	0.00000426	7.11	5.6	0.0466	0.00212	31.6	0.00312	0.0046	0.0000743	0.000825	0.000322	0.346	0.00000262	0.00197	0.000287	0.00121	0.00179
2079 Feb	0.000197	0.00109	0.0252	0.00000426	7.11	5.6	0.0466	0.00212	31.6	0.00312	0.0046	0.0000743	0.000825	0.000322	0.346	0.00000262	0.00197	0.000287	0.00121	0.00179
2079 Mar	0.000197	0.00109	0.0252	0.00000426	7.11	5.6	0.0466	0.00212	31.6	0.00312	0.0046	0.0000743	0.000825	0.000322	0.346	0.00000262	0.00197	0.000287	0.00121	0.00179
2079 Apr	0.000197	0.00109	0.0252	0.00000426	7.11	5.6	0.0466	0.00212	31.6	0.00312	0.0046	0.0000743	0.000825	0.000322	0.346	0.00000262	0.00197	0.000287	0.00121	0.00179
2079 May	0.000197	0.00109	0.0252	0.00000426	7.12	5.6	0.0466	0.00212	31.6	0.00313	0.00461	0.0000744	0.000826	0.000322	0.346	0.00000262	0.00197	0.000287	0.00121	0.00179
2079 Jun	0.000197	0.00109	0.0252	0.00000428	7.11	5.6	0.0466	0.00212	31.5	0.00312	0.0046	0.0000745	0.000826	0.000322	0.346	0.00000261	0.00197	0.000288	0.00121	0.00179
2079 Jul	0.000198	0.00109	0.0253	0.00000429	7.12	5.6	0.0467	0.00212	31.6	0.00313	0.0046	0.0000746	0.000826	0.000322	0.346	0.00000261	0.00198	0.000288	0.00121	0.0018
2079 Aug	0.000198	0.00109	0.0253	0.0000043	7.13	5.61	0.0467	0.00213	31.6	0.00313	0.00461	0.0000747	0.000828	0.000322	0.347	0.00000262	0.00198	0.000288	0.00121	0.0018
2079 Sep	0.000198	0.00109	0.0253	0.00000431	7.13	5.61	0.0468	0.00213	31.6	0.00313	0.00461	0.0000747	0.000828	0.000322	0.347	0.00000261	0.00198	0.000289	0.00121	0.00181
2079 Oct	0.000198	0.00109	0.0253	0.00000431	7.14	5.61	0.0468	0.00213	31.5	0.00313	0.0046	0.0000747	0.000828	0.000323	0.347	0.00000261	0.00198	0.000289	0.00121	0.00181
2079 Nov	0.000198	0.00109	0.0253	0.00000431	7.14	5.61	0.0468	0.00213	31.5	0.00313	0.0046	0.0000747	0.000829	0.000323	0.347	0.00000261	0.00198	0.000289	0.00121	0.00181
2079 Dec	0.000198	0.00109	0.0253	0.00000432	7.14	5.61	0.0468	0.00213	31.5	0.00313	0.0046	0.0000747	0.000829	0.000323	0.347	0.00000261	0.00198	0.000289	0.00121	0.00182
2080 Jan	0.000198	0.00109	0.0253	0.00000432	7.14	5.61	0.0468	0.00213	31.5	0.00313	0.0046	0.0000747	0.000829	0.000323	0.347	0.00000261	0.00198	0.000289	0.00121	0.00182
2080 Feb	0.000198	0.00109	0.0253	0.00000432	7.14	5.61	0.0468	0.00213	31.5	0.00313	0.0046	0.0000747	0.000829	0.000323	0.347	0.00000261	0.00198	0.000289	0.00121	0.00182
2080 Mar	0.000198	0.00109	0.0253	0.00000432	7.14	5.61	0.0468	0.00213	31.5	0.00313	0.0046	0.0000747	0.000829	0.000323	0.347	0.00000261	0.00198	0.000289	0.00121	0.00182
2080 Apr	0.000198	0.00109	0.0253	0.00000432	7.14	5.61	0.0468	0.00213	31.5	0.00314	0.0046	0.0000747	0.000829	0.000323	0.347	0.00000261	0.00198	0.000289	0.00121	0.00182
2080 May	0.000198	0.00109	0.0253	0.00000432	7.14	5.62	0.0468	0.00213	31.5	0.00314	0.00461	0.0000747	0.000829	0.000323	0.347	0.00000261	0.00198	0.000289	0.00121	0.00182
2080 Jun	0.000198	0.00109	0.0253	0.00000433	7.14	5.62	0.0468	0.00213	31.5	0.00314	0.0046	0.0000747	0.000829	0.000323	0.347	0.00000261	0.00198	0.000289	0.00121	0.00182
2080 Jul	0.000198	0.00109	0.0254	0.00000434	7.15	5.62	0.0468	0.00213	31.5	0.00314	0.0046	0.0000747	0.00083	0.000323	0.348	0.00000261	0.00198	0.000289	0.00121	0.00182
2080 Aug	0.000198	0.00109	0.0254	0.00000435	7.15	5.63	0.0469	0.00213	31.5	0.00314	0.00461	0.0000747	0.000831	0.000323	0.348	0.00000261	0.00199	0.000289	0.00122	0.00183
2080 Sep	0.000198	0.00109	0.0254	0.00000436	7.16	5.63	0.0469	0.00214	31.5	0.00314	0.00461	0.0000747	0.000831	0.000323	0.348	0.00000261	0.00199	0.00029	0.00122	0.00183
2080 Oct	0.000198	0.00109	0.0254	0.00000437	7.16	5.63	0.0469	0.00214	31.5	0.00314	0.00461	0.0000747	0.000832	0.000324	0.348	0.00000261	0.00199	0.00029	0.00122	0.00184
2080 Nov	0.000198	0.00109	0.0254	0.00000437	7.16	5.63	0.0469	0.00214	31.5	0.00315	0.0046	0.0000746	0.000832	0.000324	0.348	0.00000261	0.00199	0.00029	0.00122	0.00184
2080 Dec	0.000198	0.00109	0.0254	0.00000437	7.16	5.63	0.0469	0.00214	31.5	0.00315	0.0046	0.0000746	0.000832	0.000324	0.348	0.00000261	0.00199	0.00029	0.00122	0.00184
2081 Jan	0.000198	0.00109	0.0254	0.00000437	7.16	5.63	0.0469	0.00214	31.5	0.00315	0.0046	0.0000746	0.000832	0.000324	0.348	0.00000261	0.00199	0.00029	0.00122	0.00184
2081 Feb	0.000198	0.00109	0.0254	0.00000437	7.16	5.63	0.0469	0.00214	31.5	0.00315	0.0046	0.0000746	0.000832	0.000324	0.348	0.00000261	0.00199	0.00029	0.00122	0.00184
2081 Mar	0.000198	0.00109	0.0254	0.00000437	7.16	5.63	0.0469	0.00214	31.5	0.00315	0.0046	0.0000746	0.000832	0.000324	0.348	0.00000261	0.00199	0.00029	0.00122	0.00184
2081 Apr	0.000198	0.00109	0.0254	0.00000437	7.16	5.63	0.0469	0.00214	31.5	0.00315	0.0046	0.0000746	0.000832	0.000324	0.348	0.00000261	0.00199	0.00029	0.00122	0.00184
2081 May	0.000198	0.00109	0.0255	0.00000437	7.16	5.63	0.047	0.00214	31.5	0.00315	0.00461	0.0000748	0.000832	0.000324	0.349	0.00000261	0.00199	0.00029	0.00122	0.00184
2081 Jun	0.000198	0.00109	0.0255	0.00000438	7.16	5.63	0.047	0.00214	31.4	0.00315	0.0046	0.0000751	0.000832	0.000324	0.349	0.00000261	0.00199	0.00029	0.00121	0.00184
2081 Jul	0.000199	0.00109	0.0256	0.00000439	7.17	5.64	0.0471	0.00214	31.5	0.00315	0.00461	0.0000752	0.000833	0.000324	0.349	0.00000261	0.00199	0.000291	0.00122	0.00185
2081 Aug	0.000199	0.00109	0.0256	0.0000044	7.19	5.65	0.0472	0.00214	31.5	0.00316	0.00462	0.0000754	0.000835	0.000325	0.35	0.00000262	0.002	0.000291	0.00122	0.00185
2081 Sep	0.000199	0.00109	0.0256	0.00000441	7.19	5.65	0.0472	0.00215	31.5	0.00316	0.00462	0.0000755	0.000835	0.000325	0.35	0.00000262	0.002	0.000292	0.00122	0.00186
2081 Oct	0.000199	0.00109	0.0257	0.00000441	7.19	5.65	0.0472	0.00215	31.5	0.00316	0.00462	0.0000755	0.000835	0.000325	0.35	0.00000262	0.002	0.000292	0.00122	0.00186
2081 Nov	0.000199	0.00109	0.0257	0.00000442	7.19	5.65	0.0472	0.00215	31.5	0.00316	0.00462	0.0000755	0.000836	0.000325	0.35	0.00000262	0.002	0.000292	0.00122	0.00186
2081 Dec	0.000199	0.00109	0.0257	0.00000442	7.19	5.65	0.0472	0.00215	31.5	0.00316	0.00462	0.0000755	0.000836	0.000325	0.35	0.00000262	0.002	0.000292	0.00122	0.00186
2082 Jan	0.000199	0.00109	0.0257	0.00000442	7.19	5.65	0.0472	0.00215	31.5	0.00316	0.00462	0.0000755	0.000836	0.000325	0.35	0.00000262	0.002	0.000292	0.00122	0.00186
2082 Feb	0.000199	0.00109	0.0257	0.00000442	7.19	5.65	0.0472	0.00215	31.5	0.00316	0.00462	0.0000755	0.000836	0.000325	0.35	0.00000262	0.002	0.000292	0.00122	0.00186
2082 Mar	0.000199	0.00109	0.0257	0.00000442	7.19	5.65	0.0472	0.00215	31.5	0.00316	0.00462	0.0000755	0.000836	0.000325	0.35	0.00000262	0.002	0.000292	0.00122	0.00186
2082 Apr	0.000199	0.00109	0.0257	0.00000442	7.19	5.65	0.0472	0.00215	31.5	0.00316	0.00462	0.0000755	0.000836	0.000325	0.35	0.00000262	0.002	0.000292	0.00122	0.00186
2082 May	0.000199	0.00109	0.0257	0.00000442	7.2	5.66	0.0473	0.00215	31.5	0.00316	0.00462	0.0000756	0.000836	0.000325	0.35	0.00000262	0.002	0.000292	0.00122	0.00187
2082 Jun	0.000199	0.00109	0.0257	0.00000444	7.2	5.66	0.0473	0.00215	31.4	0.00316	0.00461	0.0000755	0.000837	0.000325	0.35	0.00000261	0.002	0.000292	0.00122	0.00188
2082 Jul	0.000199	0.00109	0.0257	0.00000445	7.2	5.66	0.0473	0.00215	31.4	0.00316	0.00461	0.0000754	0.000837	0.000325	0.35	0.00000261	0.002	0.000292	0.00122	0.00188
2082 Aug	0.000199	0.00109	0.0257	0.00000446	7.21	5.66	0.0473	0.00215	31.4	0.00317	0.00461	0.0000755	0.000838	0.000326	0.351	0.00000261	0.002	0.000293	0.00122	0.00189
2082 Sep	0.000199	0.00109	0.0257	0.00000447	7.21	5.67	0.0474	0.00215	31.4	0.00317	0.00461	0.0000755	0.000839	0.000326	0.351	0.00000261	0.00201	0.000293	0.00122	0.00189
2082 Oct	0.000199	0.00109	0.0257	0.00000448	7.21	5.67	0.0474	0.00215	31.4	0.00317	0.00461	0.0000754	0.000838	0.000326	0.351	0.00000261	0.00201	0.000293	0.00122	0.00189
2082 Nov	0.000199	0.00109	0.0257	0.00000448	7.21	5.67	0.0474	0.00215	31.4	0.00317	0.00461	0.0000754	0.000839	0.000326	0.351	0.00000261	0.00201	0.000293	0.00122	0.00189
2082 Dec	0.000199	0.00109	0.0257	0.00000448	7.21	5.67	0.0474	0.00215	31.4	0.00317	0.00461	0.0000754	0.000839	0.000326	0.351	0.00000261	0.00201	0.000293	0.00122	0.00189
2083 Jan	0.000199	0.00109	0.0257	0.00000448	7.21	5.67	0.0474	0.00215	31.4	0.00317	0.00461	0.0000754	0.000839	0.000326	0.351	0.00000261	0.00201	0.000293	0.00122	0.00189
2083 Feb	0.000199	0.00109	0.0257	0.00000448	7.21	5.67	0.0474	0.00215	31.4	0.00317	0.00461	0.0000754	0.000839	0.000326	0.351	0.00000261	0.00201	0.000293	0.00122	0.00189
2083 Mar	0.000199	0.00109	0.0257	0.00000448	7.21	5.67	0.0474	0.00215	31.4	0.00317	0.00461	0.0000754	0.000839	0.000326	0.351	0.00000261	0.00201	0.000293	0.00122	0.00189
2083 Apr	0.000199	0.00109	0.0257	0.00000448	7.21	5.67	0.0474	0.00215	31.4	0.00317	0.00461	0.0000754	0.000839	0.000326	0.351	0.00000261	0.00201	0.000293	0.00122	0.00189
2083 May	0.000199	0.00109	0.0258	0.00000449	7.22	5.67	0.0474	0.00216	31.3	0.00317	0.00461	0.0000755	0.00084	0.000326	0.351	0.00000261	0.00201	0.000293	0.00122	0.00191
2083 Jun	0.000199	0.00109	0.0259	0.00000451	7.22	5.67	0.0475	0.00216	31.3	0.00317	0.0046	0.0000759	0.00084	0.000326	0.351	0.00000261	0.00201	0.000294	0.00122	0.00192
2083 Jul	0.0002	0.00109	0.0259	0.00000452	7.23	5.68	0.0475	0.00216	31.3	0.00318	0.00461	0.0000761	0.000841	0.000326	0.352	0.00000261	0.00201	0.000294	0.00122	0.00192
2083 Aug	0.0002	0.00109	0.026	0.00000453	7.23	5.68	0.0476	0.00216	31.3	0.00318	0.00461	0.0000763	0.000841	0.000327	0.352	0.00000261	0.00201	0.000294	0.00122	0.00193
2083 Sep	0.0002	0.00109	0.026	0.00000454	7.24	5.68	0.0476	0.00216	31.3	0.00318	0.00461	0.0000763	0.000842	0.000327	0.352	0.00000261	0.00201	0.000295	0.00122	0.00193
2083 Oct	0.0002	0.00109	0.026	0.00000455	7.24	5.68	0.0476	0.00216	31.2	0.00318	0.0046	0.0000763	0.000842	0.000327	0.352	0.00000261	0.00201	0.000294	0.00122	0.00194
2083 Nov	0.0002	0.00109	0.026	0.00000455	7.24	5.68	0.0476	0.00216	31.2	0.00318	0.0046	0.0000762	0.000842	0.000327	0.352	0.0000026	0.00201	0.000294	0.00122	0.00194
2083 Dec	0.0002	0.00109	0.026	0.00000455	7.24	5.68	0.0476	0.00216	31.2	0.00318	0.0046	0.0000762	0.000842	0.000327	0.352	0.0000026	0.00201	0.000294	0.00122	0.00194
2084 Jan	0.0002	0.00109	0.026	0.00000455	7.24	5.68	0.0476	0.00216	31.2	0.00318	0.0046	0.0000762	0.000842	0.000327	0.352	0.0000026	0.00201	0.000294	0.00122	0.00194

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2084 Feb	0.0002	0.00109	0.026	0.00000455	7.24	5.68	0.0476	0.00216	31.2	0.00318	0.0046	0.0000762	0.000842	0.000327	0.352	0.0000026	0.00201	0.000294	0.00122	0.00194
2084 Mar	0.0002	0.00109	0.026	0.00000455	7.24	5.68	0.0476	0.00216	31.2	0.00318	0.0046	0.0000762	0.000842	0.000327	0.352	0.0000026	0.00201	0.000294	0.00122	0.00194
2084 Apr	0.0002	0.00109	0.026	0.00000455	7.24	5.69	0.0477	0.00216	31.2	0.00318	0.0046	0.0000762	0.000842	0.000327	0.352	0.0000026	0.00201	0.000295	0.00122	0.00194
2084 May	0.0002	0.00109	0.026	0.00000456	7.24	5.69	0.0477	0.00216	31.2	0.00318	0.0046	0.0000764	0.000843	0.000327	0.353	0.0000026	0.00202	0.000295	0.00122	0.00195
2084 Jun	0.0002	0.00109	0.0261	0.00000457	7.24	5.69	0.0477	0.00216	31.1	0.00318	0.0046	0.0000768	0.000842	0.000327	0.352	0.0000026	0.00201	0.000295	0.00122	0.00195
2084 Jul	0.0002	0.00109	0.0262	0.00000458	7.25	5.69	0.0478	0.00217	31.2	0.00318	0.0046	0.000077	0.000843	0.000327	0.353	0.0000026	0.00202	0.000296	0.00122	0.00196
2084 Aug	0.0002	0.00109	0.0262	0.00000459	7.26	5.7	0.0479	0.00217	31.2	0.00319	0.00461	0.0000771	0.000844	0.000328	0.353	0.0000026	0.00202	0.000296	0.00122	0.00196
2084 Sep	0.0002	0.00109	0.0262	0.0000046	7.26	5.7	0.0479	0.00217	31.2	0.00319	0.00461	0.0000772	0.000845	0.000328	0.353	0.0000026	0.00202	0.000296	0.00122	0.00197
2084 Oct	0.0002	0.00109	0.0262	0.00000461	7.26	5.7	0.0479	0.00217	31.1	0.00319	0.0046	0.0000772	0.000845	0.000328	0.353	0.0000026	0.00202	0.000296	0.00122	0.00197
2084 Nov	0.0002	0.00109	0.0262	0.00000461	7.26	5.7	0.0479	0.00217	31.1	0.00319	0.0046	0.0000772	0.000845	0.000328	0.353	0.0000026	0.00202	0.000296	0.00122	0.00197
2084 Dec	0.0002	0.00109	0.0262	0.00000461	7.26	5.7	0.0479	0.00217	31.1	0.00319	0.0046	0.0000772	0.000845	0.000328	0.353	0.0000026	0.00202	0.000296	0.00122	0.00197
2085 Jan	0.0002	0.00109	0.0262	0.00000461	7.26	5.7	0.0479	0.00217	31.1	0.00319	0.0046	0.0000772	0.000845	0.000328	0.353	0.0000026	0.00202	0.000296	0.00122	0.00197
2085 Feb	0.0002	0.00109	0.0262	0.00000461	7.26	5.7	0.0479	0.00217	31.1	0.00319	0.0046	0.0000772	0.000845	0.000328	0.353	0.0000026	0.00202	0.000296	0.00122	0.00197
2085 Mar	0.0002	0.00109	0.0262	0.00000461	7.26	5.7	0.0479	0.00217	31.1	0.00319	0.0046	0.0000772	0.000845	0.000328	0.353	0.0000026	0.00202	0.000296	0.00122	0.00197
2085 Apr	0.0002	0.00109	0.0262	0.00000461	7.26	5.7	0.0479	0.00217	31.1	0.00319	0.0046	0.0000772	0.000845	0.000328	0.354	0.0000026	0.00202	0.000296	0.00122	0.00198
2085 May	0.000201	0.00109	0.0263	0.00000462	7.26	5.7	0.048	0.00217	31.1	0.00319	0.0046	0.0000773	0.000846	0.000328	0.354	0.0000026	0.00202	0.000297	0.00122	0.00198
2085 Jun	0.000201	0.00109	0.0263	0.00000463	7.26	5.71	0.048	0.00217	31.1	0.00319	0.0046	0.0000776	0.000846	0.000328	0.354	0.0000026	0.00202	0.000297	0.00122	0.00199
2085 Jul	0.000201	0.00109	0.0264	0.00000464	7.28	5.71	0.0481	0.00217	31.1	0.0032	0.00461	0.0000778	0.000847	0.000329	0.354	0.0000026	0.00203	0.000298	0.00122	0.00199
2085 Aug	0.000201	0.00109	0.0264	0.00000465	7.28	5.72	0.0481	0.00218	31.1	0.0032	0.0046	0.0000779	0.000848	0.000329	0.355	0.0000026	0.00203	0.000298	0.00122	0.002
2085 Sep	0.000201	0.00109	0.0264	0.00000466	7.28	5.72	0.0481	0.00218	31.1	0.0032	0.0046	0.0000779	0.000848	0.000329	0.355	0.0000026	0.00203	0.000298	0.00122	0.00201
2085 Oct	0.000201	0.00109	0.0264	0.00000467	7.29	5.72	0.0482	0.00218	31	0.0032	0.0046	0.0000778	0.000848	0.000329	0.355	0.0000026	0.00203	0.000298	0.00122	0.00201
2085 Nov	0.000201	0.00109	0.0264	0.00000468	7.29	5.72	0.0482	0.00218	31	0.0032	0.00459	0.0000778	0.000848	0.000329	0.355	0.0000026	0.00203	0.000298	0.00122	0.00202
2085 Dec	0.000201	0.00109	0.0264	0.00000468	7.29	5.72	0.0482	0.00218	31	0.0032	0.00459	0.0000778	0.000848	0.000329	0.355	0.0000026	0.00203	0.000298	0.00122	0.00202
2086 Jan	0.000201	0.00109	0.0264	0.00000468	7.29	5.72	0.0482	0.00218	31	0.0032	0.00459	0.0000778	0.000848	0.000329	0.355	0.0000026	0.00203	0.000298	0.00122	0.00202
2086 Feb	0.000201	0.00109	0.0264	0.00000468	7.29	5.72	0.0482	0.00218	31	0.0032	0.00459	0.0000778	0.000848	0.000329	0.355	0.0000026	0.00203	0.000298	0.00122	0.00202
2086 Mar	0.000201	0.00109	0.0264	0.00000468	7.29	5.72	0.0482	0.00218	31	0.0032	0.00459	0.0000778	0.000848	0.000329	0.355	0.0000026	0.00203	0.000298	0.00122	0.00202
2086 Apr	0.000201	0.00109	0.0264	0.00000468	7.29	5.72	0.0482	0.00218	31	0.0032	0.00459	0.0000778	0.000849	0.000329	0.355	0.0000026	0.00203	0.000298	0.00122	0.00202
2086 May	0.000201	0.00109	0.0264	0.00000468	7.29	5.72	0.0482	0.00218	31	0.0032	0.00459	0.0000779	0.000849	0.000329	0.355	0.0000026	0.00203	0.000298	0.00122	0.00202
2086 Jun	0.000201	0.00109	0.0265	0.0000047	7.29	5.72	0.0482	0.00218	30.9	0.0032	0.00459	0.0000782	0.000849	0.000329	0.355	0.00000259	0.00203	0.000298	0.00122	0.00203
2086 Jul	0.000201	0.00109	0.0266	0.00000471	7.3	5.73	0.0483	0.00218	31	0.00321	0.00459	0.0000783	0.00085	0.00033	0.355	0.00000259	0.00203	0.000299	0.00122	0.00204
2086 Aug	0.000202	0.00109	0.0266	0.00000472	7.3	5.74	0.0484	0.00219	31	0.00321	0.0046	0.0000784	0.000851	0.00033	0.356	0.0000026	0.00204	0.000299	0.00122	0.00204
2086 Sep	0.000202	0.00109	0.0266	0.00000473	7.31	5.74	0.0484	0.00219	30.9	0.00321	0.00459	0.0000784	0.000851	0.00033	0.356	0.00000259	0.00204	0.000299	0.00122	0.00205
2086 Oct	0.000202	0.00109	0.0266	0.00000474	7.31	5.74	0.0484	0.00219	30.9	0.00321	0.00459	0.0000784	0.000852	0.00033	0.356	0.00000259	0.00204	0.0003	0.00122	0.00206
2086 Nov	0.000202	0.00109	0.0266	0.00000474	7.31	5.74	0.0484	0.00219	30.9	0.00321	0.00459	0.0000784	0.000852	0.00033	0.356	0.00000259	0.00204	0.0003	0.00122	0.00206
2086 Dec	0.000202	0.00109	0.0266	0.00000474	7.31	5.74	0.0484	0.00219	30.9	0.00321	0.00459	0.0000784	0.000852	0.00033	0.356	0.00000259	0.00204	0.0003	0.00122	0.00206
2087 Jan	0.000202	0.00109	0.0266	0.00000474	7.31	5.74	0.0484	0.00219	30.9	0.00321	0.00459	0.0000784	0.000852	0.00033	0.356	0.00000259	0.00204	0.0003	0.00122	0.00206
2087 Feb	0.000202	0.00109	0.0266	0.00000474	7.31	5.74	0.0484	0.00219	30.9	0.00321	0.00459	0.0000784	0.000852	0.00033	0.356	0.00000259	0.00204	0.0003	0.00122	0.00206
2087 Mar	0.000202	0.00109	0.0266	0.00000474	7.31	5.74	0.0484	0.00219	30.9	0.00321	0.00459	0.0000784	0.000852	0.00033	0.356	0.00000259	0.00204	0.0003	0.00122	0.00206
2087 Apr	0.000202	0.00109	0.0266	0.00000474	7.31	5.74	0.0484	0.00219	30.9	0.00321	0.00459	0.0000784	0.000852	0.00033	0.356	0.00000259	0.00204	0.0003	0.00122	0.00206
2087 May	0.000202	0.00109	0.0266	0.00000475	7.31	5.74	0.0484	0.00219	30.9	0.00321	0.00459	0.0000785	0.000852	0.00033	0.356	0.00000259	0.00204	0.0003	0.00122	0.00206
2087 Jun	0.000202	0.00109	0.0267	0.00000476	7.31	5.74	0.0485	0.00219	30.9	0.00321	0.00459	0.0000788	0.000852	0.00033	0.356	0.00000259	0.00204	0.0003	0.00122	0.00206
2087 Jul	0.000202	0.00109	0.0267	0.00000477	7.32	5.75	0.0485	0.00219	30.9	0.00322	0.00459	0.000079	0.000853	0.000331	0.357	0.00000259	0.00204	0.000301	0.00122	0.00207
2087 Aug	0.000202	0.00109	0.0268	0.00000478	7.33	5.75	0.0486	0.00219	30.9	0.00322	0.0046	0.0000791	0.000854	0.000331	0.357	0.0000026	0.00205	0.000301	0.00122	0.00208
2087 Sep	0.000202	0.00109	0.0268	0.00000479	7.34	5.76	0.0486	0.0022	30.9	0.00322	0.0046	0.0000792	0.000855	0.000331	0.357	0.0000026	0.00205	0.000301	0.00122	0.00208
2087 Oct	0.000202	0.00109	0.0268	0.00000479	7.34	5.76	0.0487	0.0022	30.9	0.00323	0.0046	0.0000792	0.000855	0.000331	0.357	0.00000259	0.00205	0.000301	0.00122	0.00209
2087 Nov	0.000202	0.00109	0.0268	0.0000048	7.34	5.76	0.0487	0.0022	30.9	0.00323	0.0046	0.0000791	0.000855	0.000331	0.357	0.00000259	0.00205	0.000301	0.00122	0.00209
2087 Dec	0.000202	0.00109	0.0268	0.0000048	7.34	5.76	0.0487	0.0022	30.9	0.00323	0.0046	0.0000791	0.000855	0.000331	0.357	0.00000259	0.00205	0.000301	0.00122	0.00209
2088 Jan	0.000202	0.00109	0.0268	0.0000048	7.34	5.76	0.0487	0.0022	30.9	0.00323	0.0046	0.0000791	0.000855	0.000331	0.357	0.00000259	0.00205	0.000301	0.00122	0.00209
2088 Feb	0.000202	0.00109	0.0268	0.0000048	7.34	5.76	0.0487	0.0022	30.9	0.00323	0.0046	0.0000791	0.000855	0.000331	0.357	0.00000259	0.00205	0.000301	0.00122	0.00209
2088 Mar	0.000202	0.00109	0.0268	0.0000048	7.34	5.76	0.0487	0.0022	30.9	0.00323	0.0046	0.0000792	0.000855	0.000331	0.358	0.00000259	0.00205	0.000301	0.00122	0.00209
2088 Apr	0.000202	0.00109	0.0268	0.0000048	7.34	5.76	0.0487	0.0022	30.9	0.00323	0.0046	0.0000792	0.000855	0.000331	0.358	0.00000259	0.00205	0.000301	0.00122	0.00209
2088 May	0.000203	0.00109	0.0268	0.0000048	7.34	5.76	0.0487	0.0022	30.9	0.00323	0.0046	0.0000792	0.000856	0.000332	0.358	0.0000026	0.00205	0.000301	0.00122	0.00209
2088 Jun	0.000202	0.00109	0.0268	0.00000481	7.34	5.76	0.0487	0.0022	30.9	0.00323	0.0046	0.0000792	0.000856	0.000332	0.358	0.00000259	0.00205	0.000302	0.00122	0.0021
2088 Jul	0.000203	0.00109	0.0269	0.00000482	7.35	5.77	0.0488	0.0022	30.9	0.00323	0.0046	0.0000793	0.000857	0.000332	0.358	0.0000026	0.00205	0.000302	0.00122	0.0021
2088 Aug	0.000203	0.00109	0.0269	0.00000483	7.36	5.78	0.0488	0.0022	30.9	0.00324	0.00461	0.0000794	0.000858	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00211
2088 Sep	0.000203	0.00109	0.0269	0.00000484	7.37	5.78	0.0489	0.00221	30.9	0.00324	0.00461	0.0000795	0.000859	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00211
2088 Oct	0.000203	0.00109	0.0269	0.00000485	7.37	5.78	0.0489	0.00221	30.9	0.00324	0.0046	0.0000793	0.000859	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00212
2088 Nov	0.000203	0.00109	0.0269	0.00000485	7.37	5.78	0.0489	0.00221	30.9	0.00324	0.0046	0.0000793	0.000859	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00212
2088 Dec	0.000203	0.00109	0.0269	0.00000485	7.37	5.78	0.0489	0.00221	30.9	0.00324	0.0046	0.0000793	0.000859	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00212
2089 Jan	0.000203	0.00109	0.0269	0.00000485	7.37	5.78	0.0489	0.00221	30.9	0.00324	0.0046	0.0000793	0.000859	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00212
2089 Feb	0.000203	0.00109	0.0269	0.00000485	7.37	5.78	0.0489	0.00221	30.9	0.00324	0.0046	0.0000793	0.000859	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00212
2089 Mar	0.000203	0.00109	0.0269	0.00000485	7.37	5.78	0.0489	0.00221	30.9	0.00324	0.0046	0.0000793	0.000859	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00212
2089 Apr	0.000203	0.00109	0.0269	0.00000485	7.37	5.78	0.0489	0.00221	30.9	0.00324	0.0046	0.0000793	0.000859	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00212
2089 May	0.000203	0.00109	0.027	0.00000486	7.37	5.78	0.0489	0.00221	30.9	0.00324	0.0046	0.0000795	0.000859	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00212
2089 Jun	0.000203	0.00109	0.027	0.00000487	7.37	5.78	0.0489	0.00221	30.9	0.00324	0.0046	0.0000798	0.000859	0.000333	0.359	0.0000026	0.00206	0.000303	0.00122	0.00213
2089 Jul	0.000203	0.00109	0.0271	0.00000488	7.38	5.79	0.049	0.00221	30.9	0.00324	0.00461	0.00008	0.00086	0.000333	0.36	0.0000026	0.00206	0.000304	0.00122	0.00214
2089 Aug	0.000204	0.00109	0.0271	0.00000489	7.39	5.8	0.0491	0.00221	30.9	0.00325	0.00461	0.0000801	0.000861	0.000334	0.36	0.0000026	0.00206	0.000304	0.00123	0.00214

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2089 Sep	0.000204	0.00109	0.0272	0.0000049	7.39	5.8	0.0491	0.00221	30.9	0.00325	0.00461	0.0000802	0.000862	0.000334	0.36	0.0000026	0.00206	0.000304	0.00122	0.00215
2089 Oct	0.000204	0.00109	0.0271	0.00000491	7.39	5.8	0.0491	0.00221	30.8	0.00325	0.0046	0.00008	0.000862	0.000334	0.36	0.00000259	0.00206	0.000304	0.00122	0.00216
2089 Nov	0.000204	0.00109	0.0271	0.00000491	7.39	5.8	0.0491	0.00221	30.8	0.00325	0.0046	0.00008	0.000862	0.000334	0.36	0.00000259	0.00206	0.000304	0.00122	0.00216
2089 Dec	0.000204	0.00109	0.0271	0.00000492	7.39	5.8	0.0491	0.00221	30.8	0.00325	0.0046	0.00008	0.000862	0.000334	0.36	0.00000259	0.00206	0.000304	0.00122	0.00216
2090 Jan	0.000204	0.00109	0.0271	0.00000492	7.39	5.8	0.0491	0.00221	30.8	0.00325	0.0046	0.00008	0.000862	0.000334	0.36	0.00000259	0.00206	0.000304	0.00122	0.00216
2090 Feb	0.000204	0.00109	0.0271	0.00000492	7.39	5.8	0.0491	0.00221	30.8	0.00325	0.0046	0.00008	0.000862	0.000334	0.36	0.00000259	0.00206	0.000304	0.00122	0.00216
2090 Mar	0.000204	0.00109	0.0271	0.00000492	7.39	5.8	0.0491	0.00221	30.8	0.00325	0.0046	0.00008	0.000862	0.000334	0.36	0.00000259	0.00206	0.000304	0.00122	0.00216
2090 Apr	0.000204	0.00109	0.0271	0.00000492	7.39	5.8	0.0491	0.00221	30.8	0.00325	0.0046	0.00008	0.000862	0.000334	0.36	0.00000259	0.00206	0.000304	0.00122	0.00216
2090 May	0.000204	0.00109	0.0271	0.00000493	7.39	5.8	0.0491	0.00222	30.8	0.00325	0.0046	0.00008	0.000863	0.000334	0.36	0.00000259	0.00207	0.000304	0.00122	0.00217
2090 Jun	0.000203	0.00109	0.0272	0.00000494	7.39	5.8	0.0491	0.00221	30.7	0.00325	0.00459	0.0000802	0.000862	0.000334	0.36	0.00000259	0.00207	0.000304	0.00122	0.00219
2090 Jul	0.000204	0.00109	0.0272	0.00000495	7.4	5.8	0.0492	0.00222	30.7	0.00325	0.00459	0.0000804	0.000863	0.000334	0.361	0.00000259	0.00207	0.000305	0.00122	0.00219
2090 Aug	0.000204	0.00109	0.0272	0.00000497	7.4	5.8	0.0492	0.00222	30.7	0.00325	0.00459	0.0000804	0.000863	0.000334	0.361	0.00000259	0.00207	0.000305	0.00122	0.0022
2090 Sep	0.000204	0.00109	0.0272	0.00000498	7.4	5.8	0.0492	0.00222	30.6	0.00325	0.00459	0.0000804	0.000863	0.000334	0.361	0.00000258	0.00207	0.000305	0.00122	0.00221
2090 Oct	0.000203	0.00108	0.0272	0.00000499	7.39	5.8	0.0492	0.00222	30.6	0.00325	0.00458	0.0000802	0.000863	0.000334	0.36	0.00000258	0.00207	0.000305	0.00122	0.00222
2090 Nov	0.000203	0.00108	0.0272	0.00000499	7.39	5.8	0.0492	0.00222	30.5	0.00325	0.00458	0.0000802	0.000863	0.000334	0.36	0.00000258	0.00207	0.000305	0.00122	0.00222
2090 Dec	0.000203	0.00108	0.0272	0.00000499	7.39	5.8	0.0492	0.00222	30.5	0.00325	0.00458	0.0000802	0.000863	0.000334	0.36	0.00000258	0.00207	0.000305	0.00122	0.00222
2091 Jan	0.000203	0.00108	0.0272	0.00000499	7.39	5.8	0.0492	0.00222	30.5	0.00325	0.00458	0.0000802	0.000863	0.000334	0.36	0.00000258	0.00207	0.000305	0.00122	0.00222
2091 Feb	0.000203	0.00108	0.0272	0.00000499	7.39	5.8	0.0492	0.00222	30.5	0.00325	0.00458	0.0000802	0.000863	0.000334	0.36	0.00000258	0.00207	0.000305	0.00122	0.00222
2091 Mar	0.000203	0.00108	0.0272	0.00000499	7.39	5.8	0.0492	0.00222	30.5	0.00325	0.00458	0.0000802	0.000863	0.000334	0.36	0.00000258	0.00207	0.000305	0.00122	0.00222
2091 Apr	0.000203	0.00108	0.0272	0.00000499	7.39	5.8	0.0492	0.00222	30.6	0.00325	0.00458	0.0000802	0.000863	0.000334	0.36	0.00000258	0.00207	0.000305	0.00122	0.00222
2091 May	0.000203	0.00108	0.0272	0.000005	7.4	5.8	0.0492	0.00222	30.6	0.00325	0.00458	0.0000803	0.000863	0.000334	0.361	0.00000258	0.00207	0.000305	0.00122	0.00222
2091 Jun	0.000204	0.00108	0.0273	0.00000501	7.39	5.8	0.0492	0.00222	30.5	0.00325	0.00458	0.0000807	0.000863	0.000334	0.36	0.00000258	0.00207	0.000305	0.00122	0.00223
2091 Jul	0.000204	0.00109	0.0274	0.00000502	7.4	5.81	0.0493	0.00222	30.5	0.00326	0.00458	0.0000809	0.000864	0.000334	0.361	0.00000258	0.00207	0.000306	0.00122	0.00223
2091 Aug	0.000204	0.00109	0.0274	0.00000503	7.41	5.81	0.0494	0.00222	30.5	0.00326	0.00458	0.000081	0.000864	0.000334	0.361	0.00000258	0.00207	0.000306	0.00122	0.00224
2091 Sep	0.000204	0.00108	0.0275	0.00000504	7.41	5.81	0.0494	0.00222	30.5	0.00326	0.00458	0.000081	0.000865	0.000334	0.361	0.00000258	0.00207	0.000306	0.00122	0.00225
2091 Oct	0.000204	0.00108	0.0274	0.00000505	7.41	5.81	0.0494	0.00222	30.5	0.00326	0.00458	0.0000809	0.000864	0.000334	0.361	0.00000258	0.00207	0.000306	0.00122	0.00225
2091 Nov	0.000204	0.00108	0.0274	0.00000505	7.4	5.81	0.0494	0.00222	30.4	0.00326	0.00457	0.0000809	0.000864	0.000334	0.361	0.00000257	0.00207	0.000306	0.00122	0.00226
2091 Dec	0.000204	0.00108	0.0274	0.00000505	7.4	5.81	0.0494	0.00222	30.4	0.00326	0.00457	0.0000809	0.000864	0.000334	0.361	0.00000257	0.00207	0.000306	0.00122	0.00226
2092 Jan	0.000204	0.00108	0.0274	0.00000505	7.4	5.81	0.0494	0.00222	30.4	0.00326	0.00457	0.0000809	0.000864	0.000334	0.361	0.00000257	0.00207	0.000306	0.00122	0.00226
2092 Feb	0.000204	0.00108	0.0274	0.00000505	7.4	5.81	0.0494	0.00222	30.4	0.00326	0.00457	0.0000809	0.000864	0.000334	0.361	0.00000257	0.00207	0.000306	0.00122	0.00226
2092 Mar	0.000204	0.00108	0.0274	0.00000505	7.4	5.81	0.0494	0.00222	30.4	0.00326	0.00457	0.0000809	0.000864	0.000334	0.361	0.00000257	0.00207	0.000306	0.00122	0.00226
2092 Apr	0.000204	0.00108	0.0274	0.00000505	7.4	5.81	0.0494	0.00222	30.4	0.00326	0.00458	0.0000809	0.000864	0.000334	0.361	0.00000257	0.00207	0.000306	0.00122	0.00226
2092 May	0.000204	0.00108	0.0274	0.00000506	7.41	5.81	0.0494	0.00222	30.4	0.00326	0.00457	0.0000809	0.000865	0.000334	0.361	0.00000257	0.00207	0.000306	0.00122	0.00227
2092 Jun	0.000204	0.00108	0.0275	0.00000508	7.4	5.8	0.0494	0.00222	30.3	0.00325	0.00456	0.0000814	0.000863	0.000334	0.361	0.00000257	0.00207	0.000306	0.00121	0.00228
2092 Jul	0.000204	0.00108	0.0276	0.00000509	7.4	5.8	0.0494	0.00222	30.3	0.00325	0.00456	0.0000816	0.000864	0.000334	0.361	0.00000256	0.00207	0.000307	0.00121	0.00228
2092 Aug	0.000204	0.00108	0.0276	0.0000051	7.41	5.81	0.0495	0.00222	30.3	0.00326	0.00457	0.0000817	0.000865	0.000334	0.361	0.00000257	0.00207	0.000307	0.00122	0.00229
2092 Sep	0.000204	0.00108	0.0276	0.00000511	7.41	5.81	0.0495	0.00222	30.3	0.00326	0.00456	0.0000817	0.000865	0.000335	0.361	0.00000257	0.00207	0.000307	0.00122	0.0023
2092 Oct	0.000204	0.00108	0.0276	0.00000512	7.41	5.81	0.0495	0.00222	30.2	0.00326	0.00456	0.0000816	0.000866	0.000335	0.361	0.00000256	0.00208	0.000307	0.00121	0.00231
2092 Nov	0.000204	0.00108	0.0276	0.00000512	7.41	5.81	0.0495	0.00222	30.2	0.00326	0.00456	0.0000816	0.000866	0.000335	0.361	0.00000256	0.00208	0.000307	0.00121	0.00231
2092 Dec	0.000204	0.00108	0.0276	0.00000512	7.41	5.81	0.0495	0.00222	30.2	0.00326	0.00456	0.0000816	0.000866	0.000335	0.361	0.00000256	0.00208	0.000307	0.00121	0.00231
2093 Jan	0.000204	0.00108	0.0276	0.00000512	7.41	5.81	0.0495	0.00222	30.2	0.00326	0.00456	0.0000816	0.000866	0.000335	0.361	0.00000256	0.00208	0.000307	0.00121	0.00231
2093 Feb	0.000204	0.00108	0.0276	0.00000512	7.41	5.81	0.0495	0.00222	30.2	0.00326	0.00456	0.0000816	0.000866	0.000335	0.361	0.00000256	0.00208	0.000307	0.00121	0.00231
2093 Mar	0.000204	0.00108	0.0276	0.00000512	7.41	5.81	0.0495	0.00222	30.2	0.00326	0.00456	0.0000816	0.000866	0.000335	0.361	0.00000256	0.00208	0.000307	0.00121	0.00231
2093 Apr	0.000204	0.00108	0.0276	0.00000513	7.41	5.81	0.0495	0.00222	30.2	0.00326	0.00456	0.0000817	0.000866	0.000335	0.362	0.00000256	0.00208	0.000307	0.00121	0.00231
2093 May	0.000204	0.00108	0.0276	0.00000513	7.42	5.81	0.0496	0.00222	30.2	0.00326	0.00456	0.0000817	0.000866	0.000335	0.362	0.00000256	0.00208	0.000307	0.00121	0.00232
2093 Jun	0.000204	0.00108	0.0277	0.00000514	7.41	5.81	0.0496	0.00222	30.2	0.00326	0.00456	0.000082	0.000866	0.000335	0.361	0.00000256	0.00208	0.000308	0.00121	0.00232
2093 Jul	0.000204	0.00108	0.0277	0.00000515	7.42	5.82	0.0496	0.00223	30.2	0.00326	0.00456	0.0000822	0.000867	0.000335	0.362	0.00000256	0.00208	0.000308	0.00121	0.00233
2093 Aug	0.000205	0.00108	0.0278	0.00000517	7.43	5.82	0.0497	0.00223	30.2	0.00327	0.00456	0.0000823	0.000868	0.000335	0.362	0.00000256	0.00208	0.000309	0.00122	0.00233
2093 Sep	0.000205	0.00108	0.0278	0.00000517	7.43	5.83	0.0497	0.00223	30.2	0.00327	0.00456	0.0000824	0.000868	0.000335	0.362	0.00000256	0.00208	0.000309	0.00122	0.00234
2093 Oct	0.000204	0.00108	0.0278	0.00000518	7.43	5.82	0.0497	0.00223	30.2	0.00327	0.00456	0.0000823	0.000867	0.000335	0.362	0.00000256	0.00208	0.000308	0.00121	0.00235
2093 Nov	0.000204	0.00108	0.0278	0.00000518	7.42	5.82	0.0497	0.00223	30.1	0.00327	0.00455	0.0000822	0.000867	0.000335	0.362	0.00000256	0.00208	0.000308	0.00121	0.00235
2093 Dec	0.000204	0.00108	0.0278	0.00000518	7.42	5.82	0.0497	0.00223	30.1	0.00327	0.00455	0.0000822	0.000867	0.000335	0.362	0.00000256	0.00208	0.000308	0.00121	0.00235
2094 Jan	0.000204	0.00108	0.0278	0.00000518	7.42	5.82	0.0497	0.00223	30.1	0.00327	0.00455	0.0000822	0.000867	0.000335	0.362	0.00000256	0.00208	0.000308	0.00121	0.00235
2094 Feb	0.000204	0.00108	0.0278	0.00000518	7.42	5.82	0.0497	0.00223	30.1	0.00327	0.00455	0.0000822	0.000867	0.000335	0.362	0.00000256	0.00208	0.000308	0.00121	0.00235
2094 Mar	0.000204	0.00108	0.0278	0.00000518	7.42	5.82	0.0497	0.00223	30.1	0.00327	0.00455	0.0000822	0.000867	0.000335	0.362	0.00000256	0.00208	0.000308	0.00121	0.00235
2094 Apr	0.000204	0.00108	0.0278	0.00000519	7.42	5.82	0.0497	0.00223	30.1	0.00327	0.00456	0.0000822	0.000867	0.000335	0.362	0.00000256	0.00208	0.000308	0.00121	0.00235
2094 May	0.000204	0.00108	0.0278	0.00000519	7.42	5.82	0.0497	0.00223	30.1	0.00327	0.00455	0.0000823	0.000868	0.000335	0.362	0.00000256	0.00208	0.000309	0.00121	0.00236
2094 Jun	0.000205	0.00108	0.0279	0.00000521	7.43	5.82	0.0497	0.00223	30.1	0.00327	0.00455	0.0000826	0.000868	0.000335	0.362	0.00000255	0.00208	0.000309	0.00121	0.00237
2094 Jul	0.000205	0.00108	0.0279	0.00000522	7.44	5.83	0.0498	0.00223	30.1	0.00327	0.00456	0.0000828	0.000869	0.000336	0.363	0.00000256	0.00208	0.00031	0.00121	0.00237
2094 Aug	0.000205	0.00108	0.028	0.00000523	7.45	5.84	0.0499	0.00224	30.2	0.00328	0.00457	0.000083	0.000871	0.000336	0.363	0.00000256	0.00209	0.00031	0.00122	0.00238
2094 Sep	0.000205	0.00108	0.028	0.00000524	7.45	5.84	0.0499	0.00224	30.2	0.00328	0.00456	0.000083	0.000871	0.000336	0.363	0.00000256	0.00209	0.00031	0.00122	0.00238
2094 Oct	0.000205	0.00108	0.028	0.00000525	7.45	5.84	0.0499	0.00224	30.1	0.00328	0.00456	0.000083	0.000871	0.000336	0.363	0.00000256	0.00209	0.00031	0.00121	0.00239
2094 Nov	0.000205	0.00108	0.028	0.00000526	7.45	5.84	0.0499	0.00224	30.1	0.00328	0.00455	0.0000829	0.00087	0.000336	0.363	0.00000256	0.00209	0.00031	0.00121	0.0024
2094 Dec	0.000205	0.00108	0.028	0.00000526	7.44	5.84	0.0499	0.00224	30	0.00327	0.00455	0.0000829	0.00087	0.000336	0.363	0.00000255	0.00209	0.00031	0.00121	0.0024
2095 Jan	0.000205	0.00108	0.028	0.00000526	7.44	5.84	0.0499	0.00224	30	0.00327	0.00455	0.0000829	0.00087	0.000336	0.363	0.00000255	0.00209	0.00031	0.00121	0.0024
2095 Feb	0.000205	0.00108	0.028	0.00000526	7.44	5.84	0.0499	0.00224	30	0.00327	0.00455	0.0000829	0.00087	0.000336	0.363	0.00000255	0.00209	0.00031	0.00121	0.0024
2095 Mar	0.000205	0.00108	0.028	0.00000526	7.45	5.84	0.0499	0.00224	30	0.00327	0.00455	0.0000829	0.00087	0.000336	0.363	0.00000255	0.00209	0.00031	0.00121	0.0024

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.000205	0.00108	0.028	0.00000526	7.45	5.84	0.0499	0.00224	30.1	0.00328	0.00455	0.0000829	0.00087	0.000336	0.363	0.00000256	0.00209	0.00031	0.00121	0.0024
2095 May	0.000205	0.00108	0.028	0.00000526	7.45	5.84	0.0499	0.00224	30	0.00328	0.00455	0.000083	0.00087	0.000336	0.363	0.00000255	0.00209	0.00031	0.00121	0.0024
2095 Jun	0.000205	0.00108	0.0281	0.00000527	7.45	5.84	0.05	0.00224	30	0.00328	0.00456	0.0000833	0.000871	0.000336	0.363	0.00000255	0.00209	0.000311	0.00121	0.00241
2095 Jul	0.000206	0.00108	0.0281	0.00000529	7.46	5.85	0.0501	0.00224	30.1	0.00328	0.00456	0.0000835	0.000872	0.000337	0.364	0.00000256	0.00209	0.000311	0.00122	0.00242
2095 Aug	0.000206	0.00108	0.0282	0.0000053	7.47	5.85	0.0501	0.00224	30.1	0.00328	0.00456	0.0000835	0.000873	0.000337	0.364	0.00000256	0.00209	0.000311	0.00122	0.00242
2095 Sep	0.000206	0.00108	0.0282	0.00000531	7.47	5.85	0.0501	0.00224	30.1	0.00329	0.00456	0.0000835	0.000873	0.000337	0.364	0.00000256	0.00209	0.000311	0.00122	0.00243
2095 Oct	0.000206	0.00108	0.0282	0.00000531	7.47	5.85	0.0501	0.00224	30	0.00329	0.00456	0.0000835	0.000873	0.000337	0.364	0.00000256	0.00209	0.000311	0.00121	0.00244
2095 Nov	0.000206	0.00108	0.0281	0.00000532	7.47	5.85	0.0501	0.00224	30	0.00328	0.00455	0.0000834	0.000873	0.000337	0.364	0.00000255	0.00209	0.000311	0.00121	0.00244
2095 Dec	0.000206	0.00108	0.0281	0.00000532	7.47	5.85	0.0501	0.00224	30	0.00328	0.00455	0.0000834	0.000873	0.000337	0.364	0.00000255	0.00209	0.000311	0.00121	0.00244
2096 Jan	0.000206	0.00108	0.0281	0.00000532	7.47	5.85	0.0501	0.00224	30	0.00328	0.00455	0.0000834	0.000873	0.000337	0.364	0.00000255	0.00209	0.000311	0.00121	0.00244
2096 Feb	0.000206	0.00108	0.0281	0.00000532	7.47	5.85	0.0501	0.00224	30	0.00328	0.00455	0.0000834	0.000873	0.000337	0.364	0.00000255	0.00209	0.000311	0.00121	0.00244
2096 Mar	0.000206	0.00108	0.0281	0.00000532	7.47	5.85	0.0501	0.00224	30	0.00328	0.00455	0.0000834	0.000873	0.000337	0.364	0.00000255	0.00209	0.000311	0.00121	0.00244
2096 Apr	0.000206	0.00108	0.0281	0.00000532	7.47	5.85	0.0501	0.00224	30	0.00328	0.00455	0.0000834	0.000873	0.000337	0.364	0.00000255	0.00209	0.000311	0.00121	0.00244
2096 May	0.000206	0.00108	0.0281	0.00000533	7.47	5.85	0.0501	0.00224	29.9	0.00328	0.00455	0.0000834	0.000873	0.000337	0.364	0.00000255	0.00209	0.000311	0.00121	0.00246
2096 Jun	0.000205	0.00108	0.0282	0.00000534	7.46	5.84	0.0501	0.00224	29.9	0.00328	0.00454	0.0000836	0.000872	0.000336	0.364	0.00000254	0.00209	0.000311	0.00121	0.00246
2096 Jul	0.000206	0.00108	0.0282	0.00000535	7.46	5.85	0.0501	0.00224	29.9	0.00328	0.00454	0.0000837	0.000873	0.000337	0.364	0.00000255	0.00209	0.000312	0.00121	0.00247
2096 Aug	0.000206	0.00108	0.0283	0.00000536	7.47	5.86	0.0502	0.00224	29.9	0.00329	0.00455	0.0000838	0.000874	0.000337	0.365	0.00000255	0.0021	0.000312	0.00121	0.00247
2096 Sep	0.000206	0.00108	0.0283	0.00000537	7.47	5.86	0.0502	0.00225	29.9	0.00329	0.00455	0.0000839	0.000874	0.000337	0.365	0.00000255	0.0021	0.000312	0.00121	0.00248
2096 Oct	0.000206	0.00108	0.0283	0.00000538	7.47	5.85	0.0502	0.00224	29.9	0.00329	0.00454	0.0000838	0.000873	0.000337	0.364	0.00000254	0.0021	0.000312	0.00121	0.00249
2096 Nov	0.000205	0.00108	0.0283	0.00000538	7.47	5.85	0.0502	0.00224	29.8	0.00329	0.00454	0.0000837	0.000873	0.000337	0.364	0.00000254	0.0021	0.000312	0.00121	0.00249
2096 Dec	0.000205	0.00108	0.0283	0.00000538	7.47	5.85	0.0502	0.00224	29.8	0.00329	0.00454	0.0000837	0.000873	0.000337	0.364	0.00000254	0.0021	0.000312	0.00121	0.00249
2097 Jan	0.000205	0.00108	0.0283	0.00000538	7.47	5.85	0.0502	0.00224	29.8	0.00329	0.00454	0.0000837	0.000873	0.000337	0.364	0.00000254	0.0021	0.000312	0.00121	0.00249
2097 Feb	0.000205	0.00108	0.0283	0.00000538	7.47	5.85	0.0502	0.00224	29.8	0.00329	0.00454	0.0000837	0.000873	0.000337	0.364	0.00000254	0.0021	0.000312	0.00121	0.00249
2097 Mar	0.000206	0.00108	0.0283	0.00000539	7.47	5.85	0.0502	0.00224	29.8	0.00329	0.00454	0.0000837	0.000873	0.000337	0.364	0.00000254	0.0021	0.000312	0.00121	0.00249
2097 Apr	0.000206	0.00108	0.0283	0.00000539	7.47	5.85	0.0502	0.00224	29.8	0.00329	0.00454	0.0000837	0.000873	0.000337	0.364	0.00000254	0.0021	0.000312	0.00121	0.00249
2097 May	0.000206	0.00108	0.0283	0.00000539	7.47	5.86	0.0502	0.00224	29.9	0.00329	0.00454	0.0000838	0.000874	0.000337	0.365	0.00000255	0.0021	0.000312	0.00121	0.00249
2097 Jun	0.000206	0.00108	0.0283	0.0000054	7.47	5.86	0.0502	0.00224	29.8	0.00329	0.00454	0.0000841	0.000874	0.000337	0.365	0.00000254	0.0021	0.000312	0.00121	0.0025
2097 Jul	0.000206	0.00108	0.0284	0.00000541	7.48	5.86	0.0503	0.00225	29.9	0.00329	0.00455	0.0000843	0.000875	0.000338	0.365	0.00000255	0.0021	0.000313	0.00121	0.0025
2097 Aug	0.000206	0.00108	0.0284	0.00000542	7.49	5.87	0.0504	0.00225	29.9	0.0033	0.00455	0.0000844	0.000876	0.000338	0.365	0.00000255	0.0021	0.000313	0.00121	0.00251
2097 Sep	0.000206	0.00108	0.0285	0.00000543	7.49	5.87	0.0504	0.00225	29.9	0.0033	0.00456	0.0000844	0.000876	0.000338	0.366	0.00000255	0.0021	0.000313	0.00121	0.00251
2097 Oct	0.000206	0.00108	0.0285	0.00000543	7.49	5.87	0.0504	0.00225	29.9	0.0033	0.00455	0.0000844	0.000876	0.000338	0.366	0.00000255	0.0021	0.000313	0.00121	0.00252
2097 Nov	0.000206	0.00108	0.0285	0.00000544	7.49	5.87	0.0504	0.00225	29.9	0.0033	0.00455	0.0000844	0.000876	0.000338	0.366	0.00000255	0.0021	0.000313	0.00121	0.00252
2097 Dec	0.000206	0.00108	0.0285	0.00000544	7.49	5.87	0.0504	0.00225	29.9	0.0033	0.00455	0.0000844	0.000876	0.000338	0.366	0.00000255	0.0021	0.000313	0.00121	0.00252
2098 Jan	0.000206	0.00108	0.0285	0.00000544	7.49	5.87	0.0504	0.00225	29.9	0.0033	0.00455	0.0000844	0.000876	0.000338	0.366	0.00000255	0.0021	0.000313	0.00121	0.00252
2098 Feb	0.000206	0.00108	0.0285	0.00000544	7.49	5.87	0.0504	0.00225	29.9	0.0033	0.00455	0.0000844	0.000876	0.000338	0.366	0.00000255	0.0021	0.000313	0.00121	0.00252
2098 Mar	0.000206	0.00108	0.0285	0.00000544	7.49	5.87	0.0504	0.00225	29.9	0.0033	0.00455	0.0000844	0.000876	0.000338	0.366	0.00000255	0.0021	0.000313	0.00121	0.00252
2098 Apr	0.000206	0.00108	0.0285	0.00000544	7.49	5.87	0.0504	0.00225	29.9	0.0033	0.00455	0.0000844	0.000876	0.000338	0.366	0.00000255	0.0021	0.000313	0.00121	0.00252
2098 May	0.000206	0.00108	0.0285	0.00000544	7.49	5.87	0.0504	0.00225	29.9	0.0033	0.00455	0.0000846	0.000876	0.000338	0.366	0.00000255	0.0021	0.000314	0.00121	0.00252
2098 Jun	0.000206	0.00108	0.0286	0.00000545	7.48	5.86	0.0504	0.00225	29.8	0.00329	0.00455	0.0000851	0.000875	0.000337	0.365	0.00000254	0.0021	0.000314	0.00121	0.00252
2098 Jul	0.000207	0.00108	0.0287	0.00000546	7.49	5.87	0.0505	0.00225	29.8	0.0033	0.00455	0.0000853	0.000876	0.000338	0.365	0.00000254	0.0021	0.000315	0.00121	0.00253
2098 Aug	0.000207	0.00108	0.0287	0.00000547	7.49	5.88	0.0506	0.00225	29.8	0.0033	0.00456	0.0000855	0.000876	0.000338	0.366	0.00000254	0.0021	0.000315	0.00121	0.00253
2098 Sep	0.000207	0.00108	0.0287	0.00000548	7.49	5.87	0.0505	0.00225	29.8	0.0033	0.00455	0.0000855	0.000876	0.000338	0.365	0.00000254	0.0021	0.000315	0.00121	0.00254
2098 Oct	0.000207	0.00107	0.0287	0.00000549	7.48	5.87	0.0505	0.00225	29.8	0.00329	0.00455	0.0000854	0.000875	0.000338	0.365	0.00000254	0.0021	0.000315	0.00121	0.00254
2098 Nov	0.000206	0.00107	0.0287	0.00000549	7.48	5.86	0.0505	0.00225	29.7	0.00329	0.00454	0.0000854	0.000875	0.000337	0.365	0.00000254	0.0021	0.000314	0.00121	0.00255
2098 Dec	0.000206	0.00107	0.0287	0.0000055	7.48	5.86	0.0505	0.00225	29.7	0.00329	0.00454	0.0000854	0.000875	0.000337	0.365	0.00000254	0.0021	0.000314	0.00121	0.00255
2099 Jan	0.000206	0.00107	0.0287	0.0000055	7.48	5.86	0.0505	0.00225	29.7	0.00329	0.00454	0.0000854	0.000875	0.000337	0.365	0.00000254	0.0021	0.000314	0.00121	0.00255
2099 Feb	0.000206	0.00107	0.0287	0.0000055	7.48	5.86	0.0505	0.00225	29.7	0.00329	0.00454	0.0000854	0.000875	0.000337	0.365	0.00000254	0.0021	0.000314	0.00121	0.00255
2099 Mar	0.000206	0.00107	0.0287	0.0000055	7.48	5.86	0.0505	0.00225	29.7	0.00329	0.00454	0.0000854	0.000875	0.000337	0.365	0.00000254	0.0021	0.000314	0.00121	0.00255
2099 Apr	0.000206	0.00107	0.0287	0.0000055	7.48	5.87	0.0505	0.00225	29.7	0.00329	0.00454	0.0000854	0.000875	0.000338	0.365	0.00000254	0.0021	0.000315	0.00121	0.00255
2099 May	0.000207	0.00107	0.0288	0.0000055	7.48	5.86	0.0505	0.00225	29.7	0.00329	0.00454	0.0000857	0.000875	0.000337	0.365	0.00000253	0.0021	0.000315	0.00121	0.00255
2099 Jun	0.000207	0.00107	0.0289	0.00000551	7.48	5.86	0.0505	0.00225	29.7	0.00329	0.00454	0.000086	0.000874	0.000337	0.365	0.00000253	0.0021	0.000315	0.00121	0.00256
2099 Jul	0.000207	0.00107	0.029	0.00000553	7.49	5.87	0.0506	0.00225	29.7	0.0033	0.00455	0.0000862	0.000875	0.000338	0.365	0.00000253	0.0021	0.000316	0.00121	0.00256
2099 Aug	0.000207	0.00108	0.029	0.00000554	7.5	5.88	0.0507	0.00225	29.7	0.0033	0.00455	0.0000864	0.000877	0.000338	0.366	0.00000254	0.0021	0.000316	0.00121	0.00257
2099 Sep	0.000207	0.00107	0.029	0.00000555	7.49	5.88	0.0507	0.00225	29.7	0.0033	0.00455	0.0000864	0.000876	0.000338	0.366	0.00000253	0.0021	0.000316	0.00121	0.00258
2099 Oct	0.000207	0.00107	0.029	0.00000555	7.49	5.87	0.0507	0.00225	29.7	0.0033	0.00455	0.0000863	0.000876	0.000338	0.366	0.00000253	0.0021	0.000316	0.00121	0.00258
2099 Nov	0.000207	0.00107	0.029	0.00000556	7.49	5.87	0.0506	0.00225	29.6	0.0033	0.00454	0.0000862	0.000876	0.000338	0.365	0.00000253	0.0021	0.000316	0.00121	0.00259
2099 Dec	0.000207	0.00107	0.029	0.00000556	7.49	5.87	0.0506	0.00225	29.6	0.0033	0.00454	0.0000862	0.000876	0.000338	0.365	0.00000253	0.0021	0.000316	0.00121	0.00259
2100 Jan	0.000207	0.00107	0.029	0.00000556	7.49	5.87	0.0506	0.00225	29.6	0.0033	0.00454	0.0000862	0.000876	0.000338	0.365	0.00000253	0.0021	0.000316	0.00121	0.00259
2100 Feb	0.000207	0.00107	0.029	0.00000556	7.49	5.87	0.0506	0.00225	29.6	0.0033	0.00454	0.0000862	0.000876	0.000338	0.365	0.00000253	0.0021	0.000316	0.00121	0.00259
2100 Mar	0.000207	0.00107	0.029	0.00000556	7.49	5.87	0.0506	0.00225	29.6	0.0033	0.00454	0.0000862	0.000876	0.000338	0.365	0.00000253	0.0021	0.000316	0.00121	0.00259
2100 Apr	0.000207	0.00107	0.029	0.00000556	7.49	5.87	0.0507	0.00225	29.6	0.0033	0.00454	0.0000862	0.000876	0.000338	0.365	0.00000253	0.0021	0.000316	0.00121	0.00259
2100 May	0.000207	0.00107	0.029	0.00000557	7.49	5.87	0.0507	0.00225	29.6	0.0033	0.00454	0.0000864	0.000876	0.000338	0.365	0.00000253	0.0021	0.000316	0.00121	0.0026
2100 Jun	0.000207	0.00107	0.0291	0.00000558	7.48	5.86	0.0507	0.00225	29.6	0.00329	0.00454	0.0000867	0.000874	0.000337	0.365	0.00000252	0.0021	0.000316	0.00121	0.0026
2100 Jul	0.000207	0.00107	0.0292	0.00000559	7.48	5.87	0.0507	0.00225	29.6	0.00329	0.00454	0.0000869	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.0026
2100 Aug	0.000207	0.00107	0.0292	0.0000056	7.48	5.87	0.0507	0.00225	29.6	0.00329	0.00454	0.000087	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00261
2100 Sep	0.000207	0.00107	0.0292	0.0000056	7.48	5.87	0.0507	0.00225	29.5	0.00329	0.00454	0.000087	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00261
2100 Oct	0.000207	0.00107	0.0292	0.00000561	7.48	5.87	0.0507	0.00225	29.5	0.00329	0.00453	0.000087	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00262

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2100 Nov	0.000207	0.00107	0.0292	0.00000561	7.48	5.87	0.0507	0.00225	29.5	0.00329	0.00453	0.000087	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00262
2100 Dec	0.000207	0.00107	0.0292	0.00000561	7.48	5.87	0.0507	0.00225	29.5	0.00329	0.00453	0.000087	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00262
2101 Jan	0.000207	0.00107	0.0292	0.00000561	7.48	5.87	0.0507	0.00225	29.5	0.00329	0.00453	0.000087	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00262
2101 Feb	0.000207	0.00107	0.0292	0.00000561	7.48	5.87	0.0507	0.00225	29.5	0.00329	0.00453	0.000087	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00262
2101 Mar	0.000207	0.00107	0.0292	0.00000561	7.48	5.87	0.0507	0.00225	29.5	0.00329	0.00453	0.000087	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00262
2101 Apr	0.000207	0.00107	0.0292	0.00000561	7.48	5.87	0.0507	0.00225	29.5	0.0033	0.00453	0.000087	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00262
2101 May	0.000207	0.00107	0.0292	0.00000562	7.48	5.87	0.0507	0.00225	29.5	0.0033	0.00454	0.0000872	0.000875	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00262
2101 Jun	0.000207	0.00107	0.0293	0.00000563	7.48	5.86	0.0507	0.00225	29.5	0.00329	0.00453	0.0000875	0.000874	0.000337	0.365	0.00000252	0.0021	0.000317	0.00121	0.00263
2101 Jul	0.000208	0.00107	0.0293	0.00000564	7.49	5.87	0.0508	0.00225	29.5	0.0033	0.00454	0.0000876	0.000876	0.000338	0.365	0.00000252	0.0021	0.000318	0.00121	0.00263
2101 Aug	0.000208	0.00107	0.0294	0.00000565	7.5	5.88	0.0509	0.00225	29.6	0.0033	0.00454	0.0000878	0.000877	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00264
2101 Sep	0.000208	0.00107	0.0294	0.00000566	7.5	5.88	0.0509	0.00225	29.5	0.0033	0.00454	0.0000878	0.000877	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00264
2101 Oct	0.000208	0.00107	0.0294	0.00000566	7.49	5.88	0.0509	0.00225	29.5	0.0033	0.00454	0.0000878	0.000877	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00265
2101 Nov	0.000208	0.00107	0.0294	0.00000566	7.49	5.87	0.0509	0.00225	29.5	0.0033	0.00454	0.0000878	0.000876	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00265
2101 Dec	0.000208	0.00107	0.0294	0.00000566	7.49	5.87	0.0509	0.00225	29.5	0.0033	0.00454	0.0000878	0.000876	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00265
2102 Jan	0.000208	0.00107	0.0294	0.00000567	7.49	5.87	0.0509	0.00225	29.5	0.0033	0.00454	0.0000878	0.000876	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00265
2102 Feb	0.000208	0.00107	0.0294	0.00000567	7.49	5.87	0.0509	0.00225	29.5	0.0033	0.00454	0.0000878	0.000876	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00265
2102 Mar	0.000208	0.00107	0.0294	0.00000567	7.49	5.87	0.0509	0.00225	29.5	0.0033	0.00454	0.0000878	0.000876	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00265
2102 Apr	0.000208	0.00107	0.0294	0.00000567	7.49	5.88	0.0509	0.00225	29.5	0.0033	0.00454	0.0000878	0.000876	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00265
2102 May	0.000208	0.00107	0.0294	0.00000567	7.49	5.88	0.0509	0.00225	29.5	0.0033	0.00454	0.0000878	0.000877	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00265
2102 Jun	0.000207	0.00107	0.0294	0.00000568	7.48	5.87	0.0508	0.00225	29.4	0.0033	0.00453	0.0000876	0.000875	0.000337	0.365	0.00000251	0.0021	0.000318	0.00121	0.00266
2102 Jul	0.000207	0.00107	0.0294	0.00000569	7.49	5.87	0.0508	0.00225	29.4	0.0033	0.00453	0.0000876	0.000876	0.000337	0.365	0.00000251	0.0021	0.000318	0.00121	0.00266
2102 Aug	0.000208	0.00107	0.0294	0.0000057	7.49	5.87	0.0509	0.00225	29.5	0.0033	0.00454	0.0000877	0.000876	0.000338	0.366	0.00000251	0.00211	0.000318	0.00121	0.00267
2102 Sep	0.000208	0.00107	0.0294	0.00000571	7.49	5.88	0.0509	0.00225	29.5	0.0033	0.00454	0.0000877	0.000877	0.000338	0.366	0.00000252	0.00211	0.000318	0.00121	0.00267
2102 Oct	0.000207	0.00107	0.0294	0.00000571	7.49	5.87	0.0508	0.00225	29.4	0.0033	0.00453	0.0000876	0.000876	0.000338	0.365	0.00000251	0.00211	0.000318	0.00121	0.00267
2102 Nov	0.000207	0.00107	0.0294	0.00000571	7.49	5.87	0.0508	0.00225	29.4	0.0033	0.00453	0.0000876	0.000876	0.000338	0.365	0.00000251	0.00211	0.000318	0.00121	0.00267
2102 Dec	0.000207	0.00107	0.0294	0.00000571	7.49	5.87	0.0508	0.00225	29.4	0.0033	0.00453	0.0000875	0.000876	0.000338	0.365	0.00000251	0.00211	0.000318	0.00121	0.00267
2103 Jan	0.000207	0.00107	0.0294	0.00000571	7.49	5.87	0.0508	0.00225	29.4	0.0033	0.00453	0.0000875	0.000876	0.000338	0.365	0.00000251	0.00211	0.000318	0.00121	0.00267
2103 Feb	0.000207	0.00107	0.0294	0.00000571	7.49	5.87	0.0508	0.00225	29.4	0.0033	0.00453	0.0000875	0.000876	0.000338	0.365	0.00000251	0.00211	0.000318	0.00121	0.00267
2103 Mar	0.000207	0.00107	0.0294	0.00000571	7.49	5.87	0.0508	0.00225	29.4	0.0033	0.00453	0.0000876	0.000876	0.000338	0.365	0.00000251	0.00211	0.000318	0.00121	0.00267
2103 Apr	0.000207	0.00107	0.0294	0.00000571	7.49	5.87	0.0509	0.00225	29.4	0.0033	0.00453	0.0000876	0.000876	0.000338	0.365	0.00000251	0.00211	0.000318	0.00121	0.00267
2103 May	0.000207	0.00107	0.0294	0.00000572	7.49	5.87	0.0508	0.00225	29.4	0.0033	0.00453	0.0000876	0.000876	0.000337	0.365	0.00000251	0.0021	0.000318	0.00121	0.00269
2103 Jun	0.000207	0.00107	0.0295	0.00000573	7.47	5.86	0.0508	0.00225	29.3	0.00329	0.00452	0.0000879	0.000875	0.000337	0.365	0.0000025	0.0021	0.000318	0.0012	0.00269
2103 Jul	0.000207	0.00107	0.0296	0.00000574	7.48	5.86	0.0509	0.00225	29.3	0.0033	0.00453	0.0000881	0.000875	0.000337	0.365	0.00000251	0.0021	0.000319	0.0012	0.00269
2103 Aug	0.000207	0.00107	0.0296	0.00000575	7.48	5.87	0.0509	0.00225	29.3	0.0033	0.00453	0.0000882	0.000875	0.000337	0.365	0.00000251	0.0021	0.000319	0.0012	0.0027
2103 Sep	0.000207	0.00106	0.0296	0.00000576	7.48	5.86	0.0509	0.00225	29.3	0.0033	0.00452	0.0000882	0.000875	0.000337	0.365	0.0000025	0.0021	0.000319	0.0012	0.0027
2103 Oct	0.000207	0.00106	0.0296	0.00000577	7.47	5.86	0.0508	0.00225	29.2	0.00329	0.00452	0.000088	0.000874	0.000337	0.364	0.0000025	0.0021	0.000319	0.0012	0.00271
2103 Nov	0.000207	0.00106	0.0296	0.00000577	7.47	5.85	0.0508	0.00225	29.2	0.00329	0.00452	0.000088	0.000874	0.000337	0.364	0.0000025	0.0021	0.000318	0.0012	0.00271
2103 Dec	0.000207	0.00106	0.0296	0.00000577	7.47	5.85	0.0508	0.00225	29.2	0.00329	0.00452	0.000088	0.000874	0.000337	0.364	0.0000025	0.0021	0.000318	0.0012	0.00271
2104 Jan	0.000207	0.00106	0.0296	0.00000577	7.47	5.85	0.0508	0.00225	29.2	0.00329	0.00452	0.000088	0.000874	0.000337	0.364	0.0000025	0.0021	0.000318	0.0012	0.00271
2104 Feb	0.000207	0.00106	0.0296	0.00000577	7.47	5.85	0.0508	0.00225	29.2	0.00329	0.00452	0.000088	0.000874	0.000337	0.364	0.0000025	0.0021	0.000318	0.0012	0.00271
2104 Mar	0.000207	0.00106	0.0296	0.00000577	7.47	5.85	0.0508	0.00225	29.2	0.00329	0.00452	0.000088	0.000874	0.000337	0.364	0.0000025	0.0021	0.000318	0.0012	0.00271
2104 Apr	0.000207	0.00106	0.0296	0.00000577	7.47	5.86	0.0508	0.00225	29.2	0.00329	0.00452	0.000088	0.000874	0.000337	0.364	0.0000025	0.0021	0.000318	0.0012	0.00271
2104 May	0.000207	0.00106	0.0296	0.00000578	7.47	5.86	0.0508	0.00225	29.2	0.00329	0.00452	0.0000882	0.000874	0.000337	0.364	0.0000025	0.0021	0.000319	0.0012	0.00272
2104 Jun	0.000207	0.00106	0.0297	0.00000579	7.46	5.85	0.0508	0.00224	29.2	0.00329	0.00451	0.0000885	0.000872	0.000336	0.364	0.00000249	0.0021	0.000319	0.0012	0.00272
2104 Jul	0.000207	0.00106	0.0297	0.0000058	7.46	5.85	0.0509	0.00224	29.2	0.00329	0.00452	0.0000887	0.000873	0.000336	0.364	0.00000249	0.0021	0.000319	0.0012	0.00272
2104 Aug	0.000207	0.00106	0.0298	0.00000581	7.47	5.86	0.0509	0.00225	29.2	0.00329	0.00452	0.0000888	0.000874	0.000337	0.364	0.00000249	0.0021	0.000319	0.0012	0.00273
2104 Sep	0.000207	0.00106	0.0298	0.00000582	7.47	5.86	0.0509	0.00225	29.2	0.00329	0.00452	0.0000888	0.000873	0.000337	0.364	0.00000249	0.0021	0.000319	0.0012	0.00273
2104 Oct	0.000207	0.00106	0.0298	0.00000582	7.46	5.85	0.0509	0.00224	29.2	0.00329	0.00451	0.0000887	0.000873	0.000336	0.364	0.00000249	0.0021	0.000319	0.0012	0.00273
2104 Nov	0.000207	0.00106	0.0298	0.00000582	7.46	5.85	0.0508	0.00224	29.1	0.00329	0.00451	0.0000887	0.000873	0.000336	0.364	0.00000249	0.0021	0.000319	0.0012	0.00274
2104 Dec	0.000207	0.00106	0.0298	0.00000582	7.46	5.85	0.0508	0.00224	29.1	0.00329	0.00451	0.0000887	0.000873	0.000336	0.364	0.00000249	0.0021	0.000319	0.0012	0.00274
2105 Jan	0.000207	0.00106	0.0298	0.00000582	7.46	5.85	0.0508	0.00224	29.1	0.00329	0.00451	0.0000887	0.000873	0.000336	0.364	0.00000249	0.0021	0.000319	0.0012	0.00274
2105 Feb	0.000207	0.00106	0.0298	0.00000582	7.46	5.85	0.0508	0.00224	29.1	0.00329	0.00451	0.0000887	0.000873	0.000336	0.364	0.00000249	0.0021	0.000319	0.0012	0.00274
2105 Mar	0.000207	0.00106	0.0298	0.00000582	7.46	5.85	0.0508	0.00224	29.1	0.00329	0.00451	0.0000887	0.000873	0.000336	0.364	0.00000249	0.0021	0.000319	0.0012	0.00274
2105 Apr	0.000207	0.00106	0.0298	0.00000583	7.46	5.85	0.0508	0.00224	29.1	0.00329	0.00451	0.0000887	0.000873	0.000336	0.364	0.00000249	0.0021	0.000319	0.0012	0.00274
2105 May	0.000207	0.00106	0.0298	0.00000583	7.46	5.85	0.0509	0.00224	29.1	0.00329	0.00451	0.0000888	0.000873	0.000336	0.364	0.00000249	0.0021	0.000319	0.0012	0.00274
2105 Jun	0.000207	0.00106	0.0299	0.00000584	7.46	5.85	0.0509	0.00224	29.1	0.00329	0.00451	0.0000891	0.000872	0.000336	0.364	0.00000249	0.0021	0.00032	0.0012	0.00275
2105 Jul	0.000207	0.00106	0.0299	0.00000585	7.46	5.85	0.0509	0.00224	29.1	0.00329	0.00452	0.0000892	0.000873	0.000336	0.364	0.00000249	0.0021	0.00032	0.0012	0.00275
2105 Aug	0.000207	0.00106	0.0299	0.00000586	7.46	5.85	0.0509	0.00224	29.1	0.00329	0.00451	0.0000893	0.000873	0.000336	0.364	0.00000249	0.0021	0.00032	0.0012	0.00276
2105 Sep	0.000207	0.00106	0.0299	0.00000587	7.45	5.85	0.0509	0.00224	29	0.00329	0.00451	0.0000891	0.000872	0.000336	0.364	0.00000248	0.0021	0.00032	0.0012	0.00277
2105 Oct	0.000207	0.00106	0.0299	0.00000588	7.45	5.84	0.0508	0.00224	29	0.00328	0.0045	0.000089	0.000871	0.000336	0.363	0.00000248	0.0021	0.000319	0.0012	0.00278
2105 Nov	0.000207	0.00106	0.0299	0.00000588	7.44	5.84	0.0508	0.00224	29	0.00328	0.0045	0.0000889	0.000871	0.000335	0.363	0.00000248	0.00209	0.000319	0.00119	0.00278
2105 Dec	0.000207	0.00106	0.0299	0.00000588	7.44	5.84	0.0508	0.00224	29	0.00328	0.0045	0.0000889	0.000871	0.000335	0.363	0.00000248	0.00209	0.000319	0.00119	0.00278
2106 Jan	0.000207	0.00106	0.0299	0.00000588	7.44	5.84	0.0508	0.00224	29	0.00328	0.0045	0.0000889	0.000871	0.000335	0.363	0.00000248	0.00209	0.000319	0.00119	0.00278
2106 Feb	0.000207	0.00106	0.0299	0.00000588	7.44	5.84	0.0508	0.00224	29	0.00328	0.0045	0.0000889	0.000871	0.000335	0.363	0.00000248	0.00209	0.000319	0.00119	0.00278
2106 Mar	0.000207	0.00106	0.0299	0.00000588	7.44	5.84	0.0508	0.00224	29	0.00328	0.0045	0.0000889	0.000871	0.000335	0.363	0.00000248	0.00209	0.000319	0.00119	0.00278
2106 Apr	0.000207	0.00106	0.0299	0.00000588	7.44	5.84	0.0508	0.00224	29	0.00328	0.0045	0.0000889	0.000871	0.000335	0.363	0.00000248	0.0021	0.000319	0.00119	0.00278
2106 May	0.000207	0.00106	0.0299	0.00000589	7.45	5.84	0.0508	0.00224	29	0.00328	0.0045	0.000089	0.000871	0.000335	0.363	0.00000248	0.0021	0.000319	0.00119	0.00279

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2106 Jun	0.000207	0.00105	0.0299	0.0000059	7.44	5.83	0.0508	0.00224	28.9	0.00328	0.00449	0.0000892	0.00087	0.000335	0.363	0.00000247	0.00209	0.000319	0.00119	0.00279
2106 Jul	0.000207	0.00105	0.03	0.00000591	7.44	5.84	0.0508	0.00224	28.9	0.00328	0.0045	0.0000894	0.000871	0.000335	0.363	0.00000247	0.00209	0.00032	0.00119	0.0028
2106 Aug	0.000207	0.00105	0.03	0.00000593	7.44	5.84	0.0508	0.00224	28.9	0.00328	0.0045	0.0000894	0.000871	0.000335	0.363	0.00000247	0.00209	0.00032	0.00119	0.00281
2106 Sep	0.000207	0.00105	0.03	0.00000594	7.44	5.83	0.0508	0.00224	28.9	0.00328	0.00449	0.0000893	0.00087	0.000335	0.363	0.00000247	0.00209	0.000319	0.00119	0.00281
2106 Oct	0.000206	0.00105	0.03	0.00000594	7.43	5.83	0.0508	0.00224	28.8	0.00328	0.00449	0.0000892	0.00087	0.000335	0.363	0.00000247	0.00209	0.000319	0.00119	0.00282
2106 Nov	0.000206	0.00105	0.03	0.00000594	7.43	5.83	0.0508	0.00224	28.8	0.00328	0.00449	0.0000892	0.00087	0.000335	0.363	0.00000247	0.00209	0.000319	0.00119	0.00282
2106 Dec	0.000206	0.00105	0.03	0.00000594	7.43	5.83	0.0508	0.00224	28.8	0.00328	0.00449	0.0000892	0.00087	0.000335	0.363	0.00000247	0.00209	0.000319	0.00119	0.00282
2107 Jan	0.000206	0.00105	0.03	0.00000594	7.43	5.83	0.0508	0.00224	28.8	0.00328	0.00449	0.0000892	0.00087	0.000335	0.363	0.00000247	0.00209	0.000319	0.00119	0.00282
2107 Feb	0.000206	0.00105	0.03	0.00000594	7.43	5.83	0.0508	0.00224	28.8	0.00328	0.00449	0.0000892	0.00087	0.000335	0.363	0.00000247	0.00209	0.000319	0.00119	0.00282
2107 Mar	0.000206	0.00105	0.03	0.00000594	7.43	5.83	0.0508	0.00224	28.8	0.00328	0.00449	0.0000892	0.00087	0.000335	0.363	0.00000247	0.00209	0.000319	0.00119	0.00282
2107 Apr	0.000206	0.00105	0.03	0.00000594	7.43	5.83	0.0508	0.00224	28.8	0.00328	0.00449	0.0000892	0.00087	0.000335	0.363	0.00000247	0.00209	0.000319	0.00119	0.00282
2107 May	0.000207	0.00105	0.03	0.00000595	7.43	5.83	0.0508	0.00224	28.8	0.00328	0.00449	0.0000893	0.00087	0.000335	0.363	0.00000247	0.00209	0.000319	0.00119	0.00282
2107 Jun	0.000207	0.00105	0.03	0.00000595	7.43	5.83	0.0508	0.00224	28.8	0.00328	0.00449	0.0000895	0.000869	0.000335	0.363	0.00000246	0.00209	0.00032	0.00119	0.00282
2107 Jul	0.000207	0.00105	0.0301	0.00000597	7.43	5.83	0.0509	0.00224	28.8	0.00328	0.00449	0.0000897	0.00087	0.000335	0.363	0.00000246	0.00209	0.00032	0.00119	0.00283
2107 Aug	0.000207	0.00105	0.0301	0.00000598	7.44	5.84	0.0509	0.00224	28.8	0.00328	0.00449	0.0000898	0.000871	0.000335	0.363	0.00000247	0.0021	0.00032	0.00119	0.00284
2107 Sep	0.000207	0.00105	0.0301	0.00000598	7.44	5.84	0.0509	0.00224	28.8	0.00328	0.00449	0.0000898	0.000871	0.000335	0.363	0.00000247	0.0021	0.00032	0.00119	0.00284
2107 Oct	0.000207	0.00105	0.0301	0.00000599	7.44	5.83	0.0509	0.00224	28.8	0.00328	0.00449	0.0000898	0.00087	0.000335	0.363	0.00000246	0.00209	0.00032	0.00119	0.00285
2107 Nov	0.000207	0.00105	0.0301	0.00000599	7.44	5.83	0.0509	0.00224	28.8	0.00328	0.00449	0.0000897	0.00087	0.000335	0.363	0.00000246	0.00209	0.00032	0.00119	0.00285
2107 Dec	0.000207	0.00105	0.0301	0.00000599	7.44	5.83	0.0509	0.00224	28.8	0.00328	0.00449	0.0000897	0.00087	0.000335	0.363	0.00000246	0.00209	0.00032	0.00119	0.00285
2108 Jan	0.000207	0.00105	0.0301	0.00000599	7.44	5.83	0.0509	0.00224	28.8	0.00328	0.00449	0.0000897	0.00087	0.000335	0.363	0.00000246	0.00209	0.00032	0.00119	0.00285
2108 Feb	0.000207	0.00105	0.0301	0.00000599	7.44	5.83	0.0509	0.00224	28.8	0.00328	0.00449	0.0000897	0.00087	0.000335	0.363	0.00000246	0.00209	0.00032	0.00119	0.00285
2108 Mar	0.000207	0.00105	0.0301	0.00000599	7.44	5.83	0.0509	0.00224	28.8	0.00328	0.00449	0.0000897	0.00087	0.000335	0.363	0.00000246	0.00209	0.00032	0.00119	0.00285
2108 Apr	0.000207	0.00105	0.0301	0.00000599	7.44	5.83	0.0509	0.00224	28.8	0.00328	0.00449	0.0000898	0.00087	0.000335	0.363	0.00000246	0.00209	0.00032	0.00119	0.00285
2108 May	0.000207	0.00105	0.0302	0.000006	7.44	5.84	0.0509	0.00224	28.8	0.00328	0.00449	0.0000898	0.000871	0.000335	0.363	0.00000246	0.0021	0.00032	0.00119	0.00285
2108 Jun	0.000207	0.00105	0.0302	0.000006	7.44	5.83	0.0509	0.00224	28.8	0.00328	0.00449	0.0000899	0.00087	0.000335	0.363	0.00000246	0.00209	0.00032	0.00119	0.00286
2108 Jul	0.000207	0.00105	0.0302	0.00000602	7.45	5.84	0.051	0.00224	28.8	0.00329	0.0045	0.00009	0.000871	0.000335	0.363	0.00000247	0.0021	0.000321	0.00119	0.00286
2108 Aug	0.000207	0.00105	0.0303	0.00000603	7.46	5.85	0.051	0.00224	28.9	0.00329	0.0045	0.0000901	0.000873	0.000336	0.364	0.00000247	0.0021	0.000321	0.00119	0.00287
2108 Sep	0.000207	0.00105	0.0303	0.00000604	7.46	5.85	0.0511	0.00224	28.9	0.00329	0.0045	0.0000901	0.000873	0.000336	0.364	0.00000247	0.0021	0.000321	0.00119	0.00287
2108 Oct	0.000207	0.00105	0.0303	0.00000604	7.45	5.84	0.051	0.00224	28.8	0.00329	0.00449	0.00009	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00288
2108 Nov	0.000207	0.00105	0.0302	0.00000604	7.45	5.84	0.051	0.00224	28.8	0.00328	0.00449	0.0000899	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00288
2108 Dec	0.000207	0.00105	0.0302	0.00000604	7.45	5.84	0.051	0.00224	28.8	0.00328	0.00449	0.0000899	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00288
2109 Jan	0.000207	0.00105	0.0302	0.00000604	7.45	5.84	0.051	0.00224	28.8	0.00328	0.00449	0.0000899	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00288
2109 Feb	0.000207	0.00105	0.0302	0.00000605	7.45	5.84	0.051	0.00224	28.8	0.00328	0.00449	0.0000899	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00288
2109 Mar	0.000207	0.00105	0.0302	0.00000605	7.45	5.84	0.051	0.00224	28.8	0.00328	0.00449	0.0000899	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00288
2109 Apr	0.000207	0.00105	0.0303	0.00000605	7.45	5.84	0.051	0.00224	28.8	0.00329	0.00449	0.0000899	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00288
2109 May	0.000207	0.00105	0.0303	0.00000605	7.45	5.84	0.051	0.00224	28.8	0.00329	0.00449	0.0000901	0.000872	0.000336	0.363	0.00000246	0.0021	0.000321	0.00119	0.00288
2109 Jun	0.000207	0.00105	0.0304	0.00000606	7.45	5.84	0.051	0.00224	28.8	0.00329	0.0045	0.0000904	0.000872	0.000336	0.363	0.00000246	0.0021	0.000321	0.00119	0.00289
2109 Jul	0.000207	0.00105	0.0304	0.00000607	7.45	5.85	0.0511	0.00224	28.8	0.00329	0.0045	0.0000905	0.000872	0.000336	0.364	0.00000246	0.0021	0.000322	0.00119	0.00289
2109 Aug	0.000208	0.00105	0.0305	0.00000608	7.46	5.85	0.0511	0.00224	28.8	0.00329	0.0045	0.0000907	0.000873	0.000336	0.364	0.00000246	0.0021	0.000322	0.00119	0.0029
2109 Sep	0.000207	0.00105	0.0305	0.00000609	7.46	5.85	0.0511	0.00224	28.8	0.00329	0.0045	0.0000907	0.000872	0.000336	0.364	0.00000246	0.0021	0.000322	0.00119	0.00291
2109 Oct	0.000207	0.00105	0.0304	0.0000061	7.45	5.84	0.051	0.00224	28.7	0.00329	0.00449	0.0000905	0.000871	0.000335	0.363	0.00000246	0.0021	0.000322	0.00119	0.00291
2109 Nov	0.000207	0.00105	0.0304	0.0000061	7.44	5.84	0.051	0.00224	28.7	0.00328	0.00449	0.0000905	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00292
2109 Dec	0.000207	0.00105	0.0304	0.0000061	7.44	5.84	0.051	0.00224	28.7	0.00328	0.00449	0.0000904	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00292
2110 Jan	0.000207	0.00105	0.0304	0.0000061	7.44	5.84	0.051	0.00224	28.7	0.00328	0.00449	0.0000904	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00292
2110 Feb	0.000207	0.00105	0.0304	0.0000061	7.44	5.84	0.051	0.00224	28.7	0.00328	0.00449	0.0000904	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00292
2110 Mar	0.000207	0.00105	0.0304	0.0000061	7.44	5.84	0.051	0.00224	28.7	0.00328	0.00449	0.0000904	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00292
2110 Apr	0.000207	0.00105	0.0304	0.0000061	7.44	5.84	0.051	0.00224	28.7	0.00328	0.00449	0.0000905	0.000871	0.000335	0.363	0.00000246	0.0021	0.000321	0.00119	0.00292
2110 May	0.000207	0.00105	0.0304	0.00000611	7.44	5.83	0.051	0.00224	28.7	0.00328	0.00449	0.0000904	0.000871	0.000335	0.363	0.00000245	0.0021	0.000321	0.00119	0.00293
2110 Jun	0.000207	0.00105	0.0304	0.00000612	7.43	5.83	0.051	0.00224	28.6	0.00328	0.00448	0.0000906	0.000869	0.000335	0.362	0.00000245	0.00209	0.000321	0.00119	0.00294
2110 Jul	0.000207	0.00105	0.0305	0.00000613	7.43	5.83	0.051	0.00224	28.6	0.00328	0.00448	0.0000908	0.00087	0.000335	0.363	0.00000245	0.00209	0.000322	0.00119	0.00294
2110 Aug	0.000207	0.00105	0.0305	0.00000615	7.43	5.82	0.051	0.00224	28.6	0.00328	0.00448	0.0000907	0.000869	0.000334	0.362	0.00000245	0.00209	0.000321	0.00119	0.00295
2110 Sep	0.000206	0.00104	0.0304	0.00000615	7.41	5.81	0.0509	0.00223	28.5	0.00327	0.00447	0.0000905	0.000867	0.000334	0.362	0.00000244	0.00209	0.000321	0.00118	0.00296
2110 Oct	0.000206	0.00104	0.0304	0.00000616	7.4	5.8	0.0508	0.00223	28.4	0.00327	0.00446	0.0000903	0.000866	0.000333	0.361	0.00000243	0.00209	0.00032	0.00118	0.00296
2110 Nov	0.000206	0.00104	0.0304	0.00000616	7.4	5.8	0.0508	0.00223	28.4	0.00326	0.00446	0.0000902	0.000866	0.000333	0.361	0.00000243	0.00209	0.00032	0.00118	0.00296
2110 Dec	0.000206	0.00104	0.0304	0.00000616	7.4	5.8	0.0508	0.00223	28.4	0.00326	0.00446	0.0000902	0.000866	0.000333	0.361	0.00000243	0.00209	0.00032	0.00118	0.00296
2111 Jan	0.000206	0.00104	0.0304	0.00000616	7.4	5.8	0.0508	0.00223	28.4	0.00326	0.00446	0.0000902	0.000866	0.000333	0.361	0.00000243	0.00209	0.00032	0.00118	0.00296

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2111 Feb	0.000206	0.00104	0.0304	0.00000616	7.4	5.8	0.0508	0.00223	28.4	0.00326	0.00446	0.0000902	0.000866	0.000333	0.361	0.00000243	0.00209	0.00032	0.00118	0.00296
2111 Mar	0.000206	0.00104	0.0304	0.00000616	7.4	5.8	0.0508	0.00223	28.4	0.00327	0.00446	0.0000902	0.000866	0.000333	0.361	0.00000243	0.00209	0.00032	0.00118	0.00296
2111 Apr	0.000206	0.00104	0.0304	0.00000616	7.4	5.8	0.0508	0.00223	28.4	0.00327	0.00446	0.0000902	0.000866	0.000333	0.361	0.00000243	0.00209	0.00032	0.00118	0.00296
2111 May	0.000206	0.00104	0.0304	0.00000617	7.4	5.8	0.0508	0.00223	28.4	0.00327	0.00446	0.0000904	0.000866	0.000333	0.361	0.00000243	0.00209	0.00032	0.00118	0.00297
2111 Jun	0.000206	0.00104	0.0305	0.00000617	7.39	5.8	0.0508	0.00223	28.4	0.00326	0.00446	0.0000908	0.000865	0.000333	0.361	0.00000243	0.00208	0.000321	0.00118	0.00297
2111 Jul	0.000206	0.00104	0.0306	0.00000619	7.4	5.81	0.0509	0.00223	28.4	0.00327	0.00447	0.000091	0.000866	0.000333	0.361	0.00000243	0.00209	0.000321	0.00118	0.00298
2111 Aug	0.000206	0.00104	0.0306	0.0000062	7.4	5.8	0.0509	0.00223	28.4	0.00327	0.00446	0.000091	0.000866	0.000333	0.361	0.00000243	0.00209	0.000321	0.00118	0.00298
2111 Sep	0.000206	0.00104	0.0306	0.00000621	7.4	5.8	0.0508	0.00223	28.4	0.00326	0.00446	0.0000909	0.000865	0.000333	0.361	0.00000243	0.00208	0.000321	0.00118	0.00299
2111 Oct	0.000206	0.00104	0.0306	0.00000621	7.39	5.79	0.0508	0.00222	28.3	0.00326	0.00445	0.0000908	0.000864	0.000333	0.36	0.00000243	0.00208	0.00032	0.00118	0.003
2111 Nov	0.000206	0.00104	0.0305	0.00000622	7.38	5.79	0.0507	0.00222	28.3	0.00326	0.00445	0.0000907	0.000863	0.000332	0.36	0.00000242	0.00208	0.00032	0.00118	0.003
2111 Dec	0.000206	0.00104	0.0305	0.00000622	7.38	5.79	0.0507	0.00222	28.3	0.00326	0.00445	0.0000907	0.000863	0.000332	0.36	0.00000242	0.00208	0.00032	0.00118	0.003
2112 Jan	0.000206	0.00104	0.0305	0.00000622	7.38	5.79	0.0507	0.00222	28.3	0.00326	0.00445	0.0000907	0.000863	0.000332	0.36	0.00000242	0.00208	0.00032	0.00118	0.003
2112 Feb	0.000206	0.00104	0.0305	0.00000622	7.38	5.79	0.0507	0.00222	28.3	0.00326	0.00445	0.0000907	0.000863	0.000332	0.36	0.00000242	0.00208	0.00032	0.00118	0.003
2112 Mar	0.000206	0.00104	0.0305	0.00000622	7.38	5.79	0.0507	0.00222	28.3	0.00326	0.00445	0.0000907	0.000863	0.000332	0.36	0.00000242	0.00208	0.00032	0.00118	0.003
2112 Apr	0.000206	0.00104	0.0306	0.00000622	7.38	5.79	0.0507	0.00222	28.3	0.00326	0.00445	0.0000907	0.000864	0.000332	0.36	0.00000242	0.00208	0.00032	0.00118	0.003
2112 May	0.000206	0.00104	0.0306	0.00000623	7.38	5.79	0.0507	0.00222	28.3	0.00326	0.00445	0.0000908	0.000863	0.000332	0.36	0.00000242	0.00208	0.00032	0.00118	0.00301
2112 Jun	0.000205	0.00103	0.0306	0.00000623	7.36	5.77	0.0507	0.00222	28.2	0.00325	0.00444	0.0000912	0.000861	0.000331	0.359	0.00000241	0.00208	0.00032	0.00117	0.00301
2112 Jul	0.000206	0.00103	0.0307	0.00000624	7.36	5.78	0.0507	0.00222	28.2	0.00325	0.00444	0.0000913	0.000861	0.000332	0.359	0.00000241	0.00208	0.000321	0.00117	0.00301
2112 Aug	0.000206	0.00104	0.0307	0.00000626	7.37	5.78	0.0508	0.00222	28.2	0.00325	0.00445	0.0000914	0.000862	0.000332	0.359	0.00000242	0.00208	0.000321	0.00118	0.00302
2112 Sep	0.000206	0.00103	0.0307	0.00000627	7.36	5.78	0.0507	0.00222	28.2	0.00325	0.00444	0.0000914	0.000861	0.000331	0.359	0.00000241	0.00208	0.000321	0.00117	0.00303
2112 Oct	0.000205	0.00103	0.0307	0.00000627	7.36	5.77	0.0507	0.00222	28.1	0.00325	0.00444	0.0000913	0.000861	0.000331	0.359	0.00000241	0.00208	0.00032	0.00117	0.00304
2112 Nov	0.000205	0.00103	0.0307	0.00000627	7.36	5.77	0.0507	0.00222	28.1	0.00325	0.00444	0.0000913	0.000861	0.000331	0.359	0.00000241	0.00208	0.00032	0.00117	0.00304
2112 Dec	0.000205	0.00103	0.0307	0.00000627	7.36	5.77	0.0507	0.00222	28.1	0.00325	0.00444	0.0000913	0.000861	0.000331	0.359	0.00000241	0.00208	0.00032	0.00117	0.00304
2113 Jan	0.000205	0.00103	0.0307	0.00000627	7.36	5.77	0.0507	0.00222	28.1	0.00325	0.00444	0.0000913	0.000861	0.000331	0.359	0.00000241	0.00208	0.00032	0.00117	0.00304
2113 Feb	0.000205	0.00103	0.0307	0.00000627	7.36	5.77	0.0507	0.00222	28.1	0.00325	0.00444	0.0000913	0.000861	0.000331	0.359	0.00000241	0.00208	0.00032	0.00117	0.00304
2113 Mar	0.000205	0.00103	0.0307	0.00000627	7.36	5.77	0.0507	0.00222	28.1	0.00325	0.00444	0.0000913	0.000861	0.000331	0.359	0.00000241	0.00208	0.00032	0.00117	0.00304
2113 Apr	0.000205	0.00103	0.0307	0.00000628	7.36	5.77	0.0507	0.00222	28.1	0.00325	0.00444	0.0000913	0.000861	0.000331	0.359	0.00000241	0.00208	0.00032	0.00117	0.00304
2113 May	0.000205	0.00103	0.0307	0.00000628	7.36	5.77	0.0507	0.00222	28.1	0.00325	0.00444	0.0000914	0.000861	0.000331	0.359	0.00000241	0.00208	0.000321	0.00117	0.00305
2113 Jun	0.000205	0.00103	0.0308	0.00000629	7.35	5.77	0.0507	0.00221	28.1	0.00325	0.00443	0.0000916	0.00086	0.000331	0.359	0.00000241	0.00207	0.000321	0.00117	0.00305
2113 Jul	0.000206	0.00103	0.0308	0.0000063	7.36	5.77	0.0508	0.00222	28.1	0.00325	0.00444	0.0000918	0.000861	0.000331	0.359	0.00000241	0.00208	0.000321	0.00117	0.00306
2113 Aug	0.000206	0.00103	0.0309	0.00000631	7.36	5.78	0.0508	0.00222	28.1	0.00325	0.00444	0.0000919	0.000862	0.000331	0.359	0.00000241	0.00208	0.000321	0.00117	0.00306
2113 Sep	0.000206	0.00103	0.0309	0.00000632	7.36	5.77	0.0508	0.00222	28.1	0.00325	0.00444	0.0000919	0.000861	0.000331	0.359	0.00000241	0.00208	0.000321	0.00117	0.00307
2113 Oct	0.000205	0.00103	0.0308	0.00000632	7.35	5.76	0.0507	0.00221	28	0.00325	0.00443	0.0000917	0.000859	0.000331	0.358	0.0000024	0.00207	0.000321	0.00117	0.00307
2113 Nov	0.000205	0.00103	0.0308	0.00000633	7.34	5.76	0.0507	0.00221	28	0.00324	0.00443	0.0000916	0.000859	0.000331	0.358	0.0000024	0.00207	0.00032	0.00117	0.00308
2113 Dec	0.000205	0.00103	0.0308	0.00000633	7.34	5.76	0.0507	0.00221	28	0.00324	0.00443	0.0000916	0.000859	0.000331	0.358	0.0000024	0.00207	0.00032	0.00117	0.00308
2114 Jan	0.000205	0.00103	0.0308	0.00000633	7.34	5.76	0.0507	0.00221	28	0.00324	0.00443	0.0000916	0.000859	0.000331	0.358	0.0000024	0.00207	0.00032	0.00117	0.00308
2114 Feb	0.000205	0.00103	0.0308	0.00000633	7.34	5.76	0.0507	0.00221	28	0.00324	0.00443	0.0000916	0.000859	0.000331	0.358	0.0000024	0.00207	0.00032	0.00117	0.00308
2114 Mar	0.000205	0.00103	0.0308	0.00000633	7.34	5.76	0.0507	0.00221	28	0.00324	0.00443	0.0000916	0.000859	0.000331	0.358	0.0000024	0.00207	0.00032	0.00117	0.00308
2114 Apr	0.000205	0.00103	0.0308	0.00000633	7.35	5.76	0.0507	0.00221	28	0.00324	0.00443	0.0000916	0.000859	0.000331	0.358	0.0000024	0.00207	0.000321	0.00117	0.00308
2114 May	0.000205	0.00103	0.0308	0.00000634	7.34	5.76	0.0506	0.00221	28	0.00324	0.00442	0.0000917	0.000858	0.00033	0.358	0.0000024	0.00207	0.00032	0.00117	0.00309
2114 Jun	0.000205	0.00103	0.0309	0.00000635	7.34	5.76	0.0507	0.00221	28	0.00324	0.00443	0.000092	0.000858	0.00033	0.358	0.0000024	0.00207	0.000321	0.00117	0.00309
2114 Jul	0.000206	0.00103	0.0309	0.00000636	7.35	5.77	0.0508	0.00221	28	0.00325	0.00443	0.0000922	0.00086	0.000331	0.359	0.0000024	0.00207	0.000321	0.00117	0.0031
2114 Aug	0.000206	0.00103	0.031	0.00000637	7.36	5.77	0.0508	0.00222	28	0.00325	0.00444	0.0000924	0.000861	0.000331	0.359	0.0000024	0.00208	0.000322	0.00117	0.00311
2114 Sep	0.000206	0.00103	0.031	0.00000638	7.36	5.77	0.0508	0.00222	28	0.00325	0.00443	0.0000923	0.00086	0.000331	0.359	0.0000024	0.00208	0.000322	0.00117	0.00311
2114 Oct	0.000205	0.00103	0.031	0.00000639	7.35	5.76	0.0507	0.00221	28	0.00325	0.00443	0.0000922	0.000859	0.000331	0.358	0.0000024	0.00207	0.000321	0.00117	0.00312
2114 Nov	0.000205	0.00103	0.0309	0.00000639	7.34	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.000092	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00312
2114 Dec	0.000205	0.00103	0.0309	0.00000639	7.34	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.000092	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00313
2115 Jan	0.000205	0.00103	0.0309	0.00000639	7.34	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.000092	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00313
2115 Feb	0.000205	0.00103	0.0309	0.00000639	7.34	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.000092	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00313
2115 Mar	0.000205	0.00103	0.0309	0.00000639	7.34	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.000092	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00313
2115 Apr	0.000205	0.00103	0.0309	0.00000639	7.34	5.76	0.0507	0.00221	27.9	0.00324	0.00442	0.000092	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00313
2115 May	0.000205	0.00103	0.031	0.0000064	7.34	5.76	0.0507	0.00221	27.9	0.00324	0.00442	0.0000922	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00313
2115 Jun	0.000205	0.00103	0.031	0.00000641	7.34	5.76	0.0507	0.00221	27.9	0.00324	0.00443	0.0000924	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00313
2115 Jul	0.000206	0.00103	0.0311	0.00000642	7.35	5.77	0.0508	0.00221	28	0.00325	0.00443	0.0000926	0.000859	0.000331	0.358	0.00000239	0.00207	0.000322	0.00117	0.00314
2115 Aug	0.000206	0.00103	0.0311	0.00000643	7.35	5.76	0.0508	0.00221	27.9	0.00325	0.00443	0.0000926	0.000859	0.00033	0.358	0.00000239	0.00207	0.000322	0.00117	0.00315
2115 Sep	0.000205	0.00103	0.0311	0.00000644	7.34	5.76	0.0508	0.00221	27.9	0.00324	0.00442	0.0000926	0.000859	0.00033	0.358	0.00000239	0.00207	0.000322	0.00117	0.00315

Appendix C.2-28: Discovery

Constituents	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2115 Oct	0.000205	0.00103	0.0311	0.00000644	7.34	5.76	0.0507	0.00221	27.9	0.00324	0.00442	0.0000925	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00316
2115 Nov	0.000205	0.00103	0.0311	0.00000645	7.33	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.0000924	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00316
2115 Dec	0.000205	0.00103	0.0311	0.00000645	7.33	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.0000924	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00316
2116 Jan	0.000205	0.00103	0.0311	0.00000645	7.33	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.0000924	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00316
2116 Feb	0.000205	0.00103	0.0311	0.00000645	7.33	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.0000924	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00316
2116 Mar	0.000205	0.00103	0.0311	0.00000645	7.33	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.0000924	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00316
2116 Apr	0.000205	0.00103	0.0311	0.00000645	7.34	5.75	0.0507	0.00221	27.9	0.00324	0.00442	0.0000924	0.000858	0.00033	0.358	0.00000239	0.00207	0.000321	0.00117	0.00316
2116 May	0.000205	0.00102	0.031	0.00000646	7.33	5.75	0.0507	0.00221	27.8	0.00324	0.00441	0.0000924	0.000857	0.00033	0.357	0.00000238	0.00207	0.000321	0.00116	0.00318
2116 Jun	0.000205	0.00102	0.0311	0.00000646	7.32	5.74	0.0506	0.0022	27.8	0.00323	0.00441	0.0000927	0.000856	0.000329	0.357	0.00000238	0.00206	0.000321	0.00116	0.00318
2116 Jul	0.000205	0.00102	0.0312	0.00000648	7.32	5.75	0.0507	0.00221	27.8	0.00324	0.00441	0.0000929	0.000857	0.00033	0.357	0.00000238	0.00207	0.000322	0.00116	0.00319
2116 Aug	0.000205	0.00102	0.0312	0.00000649	7.33	5.75	0.0508	0.00221	27.8	0.00324	0.00442	0.0000931	0.000858	0.00033	0.358	0.00000238	0.00207	0.000322	0.00116	0.00319
2116 Sep	0.000205	0.00102	0.0312	0.0000065	7.32	5.75	0.0507	0.00221	27.8	0.00324	0.00441	0.000093	0.000857	0.00033	0.357	0.00000238	0.00207	0.000322	0.00116	0.0032
2116 Oct	0.000205	0.00102	0.0312	0.0000065	7.31	5.74	0.0507	0.0022	27.7	0.00323	0.00441	0.0000929	0.000855	0.000329	0.357	0.00000237	0.00206	0.000321	0.00116	0.0032
2116 Nov	0.000205	0.00102	0.0312	0.00000651	7.31	5.74	0.0506	0.0022	27.7	0.00323	0.00441	0.0000929	0.000855	0.000329	0.357	0.00000237	0.00206	0.000321	0.00116	0.00321
2116 Dec	0.000205	0.00102	0.0312	0.00000651	7.31	5.74	0.0506	0.0022	27.7	0.00323	0.00441	0.0000929	0.000855	0.000329	0.357	0.00000237	0.00206	0.000321	0.00116	0.00321
2117 Jan	0.000205	0.00102	0.0312	0.00000651	7.31	5.74	0.0506	0.0022	27.7	0.00323	0.00441	0.0000929	0.000855	0.000329	0.357	0.00000237	0.00206	0.000321	0.00116	0.00321
2117 Feb	0.000205	0.00102	0.0312	0.00000651	7.31	5.74	0.0506	0.0022	27.7	0.00323	0.00441	0.0000929	0.000855	0.000329	0.357	0.00000237	0.00206	0.000321	0.00116	0.00321
2117 Mar	0.000205	0.00102	0.0312	0.00000651	7.31	5.74	0.0506	0.0022	27.7	0.00323	0.00441	0.0000929	0.000855	0.000329	0.357	0.00000237	0.00206	0.000321	0.00116	0.00321
2117 Apr	0.000205	0.00102	0.0312	0.00000651	7.31	5.74	0.0507	0.0022	27.7	0.00323	0.00441	0.0000929	0.000855	0.000329	0.357	0.00000237	0.00206	0.000321	0.00116	0.00321
2117 May	0.000205	0.00102	0.0312	0.00000651	7.31	5.74	0.0507	0.0022	27.7	0.00323	0.00441	0.000093	0.000855	0.000329	0.357	0.00000237	0.00206	0.000322	0.00116	0.00321
2117 Jun	0.000205	0.00102	0.0313	0.00000652	7.31	5.74	0.0507	0.0022	27.7	0.00323	0.00441	0.0000932	0.000855	0.000329	0.357	0.00000237	0.00206	0.000322	0.00116	0.00321
2117 Jul	0.000205	0.00102	0.0313	0.00000653	7.32	5.75	0.0508	0.00221	27.8	0.00324	0.00442	0.0000934	0.000857	0.000329	0.357	0.00000238	0.00207	0.000322	0.00116	0.00322
2117 Aug	0.000206	0.00102	0.0314	0.00000654	7.33	5.75	0.0508	0.00221	27.8	0.00324	0.00442	0.0000935	0.000857	0.00033	0.357	0.00000238	0.00207	0.000323	0.00116	0.00322
2117 Sep	0.000206	0.00102	0.0314	0.00000655	7.33	5.75	0.0508	0.00221	27.8	0.00324	0.00442	0.0000936	0.000857	0.00033	0.357	0.00000238	0.00207	0.000323	0.00116	0.00323
2117 Oct	0.000205	0.00102	0.0314	0.00000655	7.33	5.75	0.0508	0.00221	27.8	0.00324	0.00442	0.0000935	0.000857	0.00033	0.357	0.00000238	0.00207	0.000323	0.00116	0.00323
2117 Nov	0.000205	0.00102	0.0314	0.00000655	7.32	5.75	0.0508	0.00221	27.7	0.00324	0.00442	0.0000935	0.000856	0.000329	0.357	0.00000238	0.00207	0.000322	0.00116	0.00323
2117 Dec	0.000205	0.00102	0.0314	0.00000655	7.32	5.75	0.0508	0.00221	27.7	0.00324	0.00442	0.0000935	0.000856	0.000329	0.357	0.00000238	0.00207	0.000322	0.00116	0.00323
2118 Jan	0.000205	0.00102	0.0314	0.00000655	7.32	5.75	0.0508	0.00221	27.7	0.00324	0.00442	0.0000935	0.000856	0.000329	0.357	0.00000238	0.00207	0.000322	0.00116	0.00323
2118 Feb	0.000205	0.00102	0.0314	0.00000655	7.32	5.75	0.0508	0.00221	27.7	0.00324	0.00442	0.0000935	0.000856	0.000329	0.357	0.00000238	0.00207	0.000322	0.00116	0.00323
2118 Mar	0.000205	0.00102	0.0314	0.00000655	7.32	5.75	0.0508	0.00221	27.7	0.00324	0.00442	0.0000935	0.000856	0.000329	0.357	0.00000238	0.00207	0.000322	0.00116	0.00323
2118 Apr	0.000205	0.00102	0.0314	0.00000656	7.32	5.75	0.0508	0.00221	27.7	0.00324	0.00442	0.0000935	0.000857	0.000329	0.357	0.00000238	0.00207	0.000322	0.00116	0.00323
2118 May	0.000206	0.00102	0.0314	0.00000656	7.32	5.75	0.0508	0.00221	27.7	0.00324	0.00442	0.0000938	0.000856	0.000329	0.357	0.00000237	0.00207	0.000323	0.00116	0.00323
2118 Jun	0.000205	0.00102	0.0315	0.00000657	7.31	5.74	0.0508	0.0022	27.7	0.00323	0.00441	0.0000941	0.000855	0.000329	0.357	0.00000237	0.00206	0.000323	0.00116	0.00323
2118 Jul	0.000206	0.00102	0.0316	0.00000658	7.32	5.75	0.0509	0.00221	27.7	0.00324	0.00442	0.0000944	0.000856	0.000329	0.357	0.00000237	0.00207	0.000324	0.00116	0.00324
2118 Aug	0.000206	0.00102	0.0316	0.00000659	7.32	5.75	0.0509	0.00221	27.7	0.00324	0.00442	0.0000945	0.000856	0.000329	0.357	0.00000237	0.00207	0.000324	0.00116	0.00324
2118 Sep	0.000206	0.00102	0.0316	0.0000066	7.31	5.74	0.0508	0.0022	27.7	0.00323	0.00441	0.0000944	0.000854	0.000329	0.356	0.00000237	0.00206	0.000323	0.00116	0.00325
2118 Oct	0.000205	0.00102	0.0316	0.0000066	7.29	5.73	0.0507	0.0022	27.6	0.00323	0.0044	0.0000942	0.000853	0.000328	0.356	0.00000236	0.00206	0.000323	0.00116	0.00326
2118 Nov	0.000205	0.00102	0.0315	0.00000661	7.29	5.72	0.0507	0.0022	27.6	0.00322	0.0044	0.0000941	0.000852	0.000328	0.355	0.00000236	0.00206	0.000322	0.00116	0.00327
2118 Dec	0.000205	0.00102	0.0315	0.00000661	7.29	5.72	0.0507	0.0022	27.5	0.00322	0.0044	0.0000941	0.000852	0.000328	0.355	0.00000236	0.00206	0.000322	0.00116	0.00327
2119 Jan	0.000205	0.00102	0.0315	0.00000661	7.29	5.72	0.0507	0.0022	27.5	0.00322	0.0044	0.0000941	0.000852	0.000328	0.355	0.00000236	0.00206	0.000322	0.00116	0.00327
2119 Feb	0.000205	0.00102	0.0315	0.00000661	7.29	5.72	0.0507	0.0022	27.5	0.00322	0.0044	0.0000941	0.000852	0.000328	0.355	0.00000236	0.00206	0.000322	0.00116	0.00327
2119 Mar	0.000205	0.00102	0.0315	0.00000661	7.29	5.72	0.0507	0.0022	27.5	0.00322	0.0044	0.0000941	0.000852	0.000328	0.355	0.00000236	0.00206	0.000322	0.00116	0.00327
2119 Apr	0.000205	0.00102	0.0315	0.00000661	7.29	5.72	0.0507	0.0022	27.6	0.00322	0.0044	0.0000941	0.000852	0.000328	0.355	0.00000236	0.00206	0.000322	0.00116	0.00327
2119 May	0.000205	0.00102	0.0316	0.00000662	7.28	5.72	0.0507	0.00219	27.5	0.00322	0.0044	0.0000944	0.000851	0.000327	0.355	0.00000236	0.00206	0.000323	0.00115	0.00327
2119 Jun	0.000205	0.00102	0.0317	0.00000662	7.28	5.72	0.0507	0.00219	27.5	0.00322	0.0044	0.0000946	0.000851	0.000327	0.355	0.00000235	0.00206	0.000323	0.00115	0.00328
2119 Jul	0.000205	0.00102	0.0317	0.00000664	7.29	5.72	0.0508	0.0022	27.5	0.00322	0.0044	0.0000948	0.000852	0.000328	0.355	0.00000236	0.00206	0.000323	0.00116	0.00328
2119 Aug	0.000206	0.00102	0.0318	0.00000665	7.29	5.73	0.0508	0.0022	27.6	0.00323	0.0044	0.0000949	0.000852	0.000328	0.356	0.00000236	0.00206	0.000324	0.00116	0.00329
2119 Sep	0.000205	0.00102	0.0318	0.00000666	7.28	5.72	0.0508	0.00219	27.5	0.00322	0.0044	0.0000948	0.000851	0.000328	0.355	0.00000235	0.00206	0.000323	0.00115	0.0033
2119 Oct	0.000205	0.00101	0.0317	0.00000666	7.28	5.71	0.0507	0.00219	27.5	0.00322	0.00439	0.0000947	0.00085	0.000327	0.355	0.00000235	0.00205	0.000323	0.00115	0.0033
2119 Nov	0.000205	0.00101	0.0317	0.00000666	7.27	5.71	0.0507	0.00219	27.5	0.00322	0.00439	0.0000946	0.00085	0.000327	0.355	0.00000235	0.00205	0.000323	0.00115	0.0033
2119 Dec	0.000205	0.00101	0.0317	0.00000666	7.27	5.71	0.0507	0.00219	27.5	0.00322	0.00439	0.0000946	0.00085	0.000327	0.355	0.00000235	0.00205	0.000323	0.00115	0.0033

APPENDIX C.3: CONJOINED PIT LAKES

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
Model Predictions (2039-2119)																	
2039 Jan	50.2	0.0312	0.0347	0.00199	20.4	0.0304	6.53	0.000993	0.000993	0.00000506	0.00326	0.000412	0.0117	0.00888	0.00000509	8.23	0.00000717
2039 Feb	50.2	0.0312	0.0347	0.00199	20.4	0.0304	6.53	0.000993	0.000993	0.00000506	0.00326	0.000412	0.0117	0.00888	0.00000509	8.23	0.00000717
2039 Mar	50.2	0.0312	0.0348	0.00199	20.4	0.0304	6.53	0.000993	0.000993	0.00000506	0.00326	0.000412	0.0117	0.00888	0.00000509	8.23	0.00000717
2039 Apr	50.2	0.0312	0.0348	0.00199	20.4	0.0304	6.53	0.000994	0.000994	0.00000507	0.00327	0.000413	0.0117	0.00888	0.00000509	8.23	0.00000718
2039 May	50.3	0.0313	0.0348	0.00199	20.5	0.0305	6.54	0.000995	0.000995	0.00000507	0.00327	0.000413	0.0118	0.00889	0.0000051	8.25	0.00000719
2039 Jun	50	0.0311	0.0345	0.00198	20.3	0.0303	6.49	0.000991	0.000991	0.00000505	0.00329	0.000416	0.0117	0.0089	0.00000508	8.24	0.00000727
2039 Jul	49.7	0.0309	0.0342	0.00196	20.1	0.0301	6.44	0.000987	0.000987	0.00000503	0.0033	0.000418	0.0116	0.0089	0.00000506	8.24	0.00000731
2039 Aug	49.8	0.031	0.0342	0.00196	20.1	0.0302	6.44	0.00099	0.00099	0.00000504	0.00331	0.000421	0.0116	0.00894	0.00000507	8.27	0.00000733
2039 Sep	49.9	0.0311	0.0342	0.00197	20.2	0.0303	6.46	0.000992	0.000992	0.00000506	0.00332	0.000422	0.0117	0.00896	0.00000508	8.29	0.00000735
2039 Oct	49.9	0.0311	0.0342	0.00197	20.2	0.0303	6.46	0.000992	0.000992	0.00000505	0.00332	0.000422	0.0117	0.00897	0.00000508	8.29	0.00000735
2039 Nov	49.9	0.0311	0.0342	0.00197	20.2	0.0303	6.46	0.000992	0.000992	0.00000506	0.00332	0.000422	0.0117	0.00897	0.00000508	8.3	0.00000735
2039 Dec	49.9	0.0311	0.0342	0.00197	20.2	0.0303	6.46	0.000992	0.000992	0.00000506	0.00332	0.000422	0.0117	0.00897	0.00000508	8.3	0.00000735
2040 Jan	49.9	0.0311	0.0342	0.00197	20.2	0.0303	6.46	0.000992	0.000992	0.00000506	0.00332	0.000422	0.0117	0.00897	0.00000508	8.3	0.00000735
2040 Feb	49.9	0.0311	0.0342	0.00197	20.2	0.0303	6.46	0.000992	0.000992	0.00000506	0.00332	0.000422	0.0117	0.00897	0.00000508	8.3	0.00000735
2040 Mar	50	0.0311	0.0342	0.00197	20.2	0.0303	6.46	0.000992	0.000992	0.00000506	0.00332	0.000422	0.0117	0.00897	0.00000508	8.3	0.00000735
2040 Apr	50	0.0311	0.0342	0.00197	20.2	0.0303	6.46	0.000992	0.000992	0.00000506	0.00333	0.000423	0.0117	0.00897	0.00000509	8.3	0.00000736
2040 May	50.1	0.0312	0.0343	0.00197	20.2	0.0304	6.47	0.000994	0.000994	0.00000507	0.00333	0.000424	0.0117	0.009	0.00000509	8.33	0.00000737
2040 Jun	50	0.0312	0.034	0.00195	20.1	0.0301	6.43	0.000989	0.000989	0.00000504	0.00335	0.000431	0.0116	0.00915	0.00000507	8.43	0.00000747
2040 Jul	50.1	0.0313	0.034	0.00196	20.1	0.0302	6.44	0.000993	0.000993	0.00000506	0.00337	0.000434	0.0117	0.00918	0.00000509	8.46	0.00000751
2040 Aug	50.3	0.0314	0.0341	0.00196	20.2	0.0303	6.47	0.000996	0.000996	0.00000508	0.00338	0.000436	0.0117	0.00922	0.0000051	8.49	0.00000753
2040 Sep	50.4	0.0314	0.0342	0.00197	20.2	0.0304	6.47	0.000997	0.000997	0.00000508	0.00339	0.000436	0.0117	0.00923	0.00000511	8.51	0.00000754
2040 Oct	50.4	0.0315	0.0342	0.00197	20.2	0.0304	6.47	0.000998	0.000998	0.00000508	0.00339	0.000437	0.0117	0.00924	0.00000511	8.52	0.00000755
2040 Nov	50.4	0.0315	0.0342	0.00197	20.2	0.0304	6.48	0.000998	0.000998	0.00000509	0.00339	0.000437	0.0117	0.00925	0.00000511	8.52	0.00000755
2040 Dec	50.4	0.0315	0.0342	0.00197	20.2	0.0304	6.48	0.000998	0.000998	0.00000509	0.00339	0.000437	0.0117	0.00925	0.00000511	8.52	0.00000755
2041 Jan	50.4	0.0315	0.0342	0.00197	20.2	0.0304	6.48	0.000998	0.000998	0.00000509	0.00339	0.000437	0.0117	0.00925	0.00000511	8.52	0.00000755
2041 Feb	50.4	0.0315	0.0342	0.00197	20.2	0.0304	6.48	0.000998	0.000998	0.00000509	0.00339	0.000437	0.0117	0.00925	0.00000511	8.52	0.00000755
2041 Mar	50.4	0.0315	0.0342	0.00197	20.2	0.0304	6.48	0.000998	0.000998	0.00000509	0.00339	0.000437	0.0117	0.00925	0.00000511	8.52	0.00000755
2041 Apr	50.4	0.0315	0.0342	0.00197	20.2	0.0304	6.48	0.000999	0.000999	0.00000509	0.00339	0.000437	0.0117	0.00925	0.00000512	8.52	0.00000755
2041 May	50.5	0.0316	0.0342	0.00197	20.2	0.0305	6.49	0.001	0.001	0.00000509	0.0034	0.000438	0.0117	0.00926	0.00000512	8.53	0.00000756
2041 Jun	50.2	0.0314	0.0339	0.00196	20.1	0.0303	6.43	0.000996	0.000996	0.00000508	0.00342	0.000441	0.0117	0.00927	0.0000051	8.53	0.00000765
2041 Jul	49.9	0.0311	0.0336	0.00194	19.9	0.0301	6.38	0.000991	0.000991	0.00000505	0.00342	0.000442	0.0116	0.00926	0.00000508	8.52	0.00000769
2041 Aug	50.2	0.0313	0.0337	0.00195	20	0.0303	6.41	0.000996	0.000996	0.00000507	0.00344	0.000445	0.0117	0.00931	0.0000051	8.56	0.00000773
2041 Sep	50.3	0.0314	0.0338	0.00195	20	0.0303	6.42	0.000998	0.000998	0.00000508	0.00345	0.000446	0.0117	0.00933	0.00000511	8.58	0.00000774
2041 Oct	50.3	0.0314	0.0337	0.00195	20	0.0303	6.42	0.000998	0.000998	0.00000508	0.00345	0.000446	0.0117	0.00933	0.00000511	8.58	0.00000774
2041 Nov	50.3	0.0314	0.0337	0.00195	20	0.0303	6.42	0.000998	0.000998	0.00000508	0.00345	0.000446	0.0117	0.00934	0.00000511	8.59	0.00000775
2041 Dec	50.3	0.0314	0.0338	0.00195	20	0.0303	6.42	0.000998	0.000998	0.00000508	0.00345	0.000446	0.0117	0.00934	0.00000511	8.59	0.00000775
2042 Jan	50.3	0.0314	0.0338	0.00195	20	0.0303	6.42	0.000998	0.000998	0.00000508	0.00345	0.000446	0.0117	0.00934	0.00000511	8.59	0.00000775
2042 Feb	50.3	0.0314	0.0338	0.00195	20	0.0303	6.42	0.000998	0.000998	0.00000508	0.00345	0.000446	0.0117	0.00934	0.00000511	8.59	0.00000775
2042 Mar	50.3	0.0314	0.0338	0.00195	20	0.0303	6.42	0.000998	0.000998	0.00000508	0.00345	0.000446	0.0117	0.00934	0.00000511	8.59	0.00000775
2042 Apr	50.3	0.0314	0.0338	0.00195	20	0.0303	6.42	0.000999	0.000999	0.00000509	0.00346	0.000447	0.0117	0.00935	0.00000512	8.59	0.00000775
2042 May	50.4	0.0315	0.0338	0.00196	20.1	0.0304	6.44	0.001	0.001	0.0000051	0.00346	0.000448	0.0117	0.00937	0.00000513	8.62	0.00000777
2042 Jun	50.3	0.0314	0.0336	0.00195	20	0.0303	6.4	0.000999	0.000999	0.00000509	0.00348	0.00045	0.0117	0.00938	0.00000511	8.62	0.00000783
2042 Jul	50.2	0.0313	0.0335	0.00194	19.9	0.0302	6.38	0.000998	0.000998	0.00000508	0.00349	0.000452	0.0117	0.00939	0.00000511	8.62	0.00000787
2042 Aug	50.1	0.0313	0.0333	0.00194	19.8	0.0302	6.36	0.000996	0.000996	0.00000507	0.00349	0.000453	0.0116	0.00939	0.0000051	8.63	0.00000786
2042 Sep	50	0.0313	0.0333	0.00193	19.8	0.0302	6.35	0.000996	0.000996	0.00000507	0.0035	0.000454	0.0116	0.0094	0.0000051	8.63	0.00000786
2042 Oct	50	0.0313	0.0332	0.00193	19.8	0.0302	6.34	0.000995	0.000995	0.00000506	0.0035	0.000454	0.0116	0.0094	0.00000509	8.63	0.00000787
2042 Nov	50	0.0313	0.0332	0.00193	19.8	0.0302	6.35	0.000995	0.000995	0.00000507	0.0035	0.000455	0.0116	0.00941	0.00000509	8.64	0.00000787
2042 Dec	50	0.0313	0.0332	0.00193	19.8	0.0302	6.35	0.000995	0.000995	0.00000507	0.0035	0.000455	0.0116	0.00941	0.00000509	8.64	0.00000787
2043 Jan	50	0.0313	0.0332	0.00193	19.8	0.0302	6.35	0.000995	0.000995	0.00000507	0.0035	0.000455	0.0116	0.00941	0.00000509	8.64	0.00000787
2043 Feb	50	0.0313	0.0332	0.00193	19.8	0.0302	6.35	0.000995	0.000995	0.00000507	0.0035	0.000455	0.0116	0.00941	0.00000509	8.64	0.00000787
2043 Mar	50	0.0313	0.0332	0.00193	19.8	0.0302	6.35	0.000995	0.000995	0.00000507	0.0035	0.000455	0.0116	0.00941	0.00000509	8.64	0.00000787
2043 Apr	50	0.0314	0.0332	0.00193	19.8	0.0302	6.35	0.000996	0.000996	0.00000507	0.0035	0.000455	0.0116	0.00941	0.0000051	8.64	0.00000787
2043 May	50.2	0.0314	0.0333	0.00194	19.8	0.0303	6.36	0.000998	0.000998	0.00000508	0.00351	0.000456	0.0117	0.00945	0.00000511	8.67	0.0000079
2043 Jun	50.1	0.0315	0.0331	0.00192	19.7	0.0301	6.33	0.000995	0.000995	0.00000506	0.00353	0.000463	0.0116	0.00957	0.00000509	8.76	0.00000797
2043 Jul	50.4	0.0316	0.0332	0.00193	19.8	0.0303	6.36	0.001	0.001	0.00000509	0.00355	0.000466	0.0117	0.00962	0.00000512	8.81	0.00000803
2043 Aug	50.6	0.0318	0.0334	0.00194	19.9	0.0304	6.4	0.00101	0.00101	0.00000512	0.00357	0.000468	0.0117	0.00968	0.00000514	8.86	0.00000807
2043 Sep	50.7	0.0318	0.0334	0.00194	19.9	0.0305	6.4	0.00101	0.00101	0.00000512	0.00357	0.000469	0.0117	0.00969	0.00000515	8.87	0.00000807
2043 Oct	50.6	0.0319	0.0333	0.00194	19.9	0.0305	6.39	0.00101	0.00101	0.00000512	0.00358	0.00047	0.0117	0.00969	0.00000515	8.87	0.00000808
2043 Nov	50.6	0.0319	0.0333	0.00194	19.9	0.0305	6.39	0.001	0.001	0.00000512	0.00358	0.00047	0.0117	0.00969	0.00000514	8.87	0.00000808

Appendix C.3-1: WN Closure

Constituents	**Total Dissolved Solids**	**Ammonia-N**	**Nitrate-N**	**Nitrite-N**	**Chloride**	**Fluoride**	**Sulphate**	**Total Cyanide**	**Weakly Acid Dissociable Cyanide**	**Silver**	**Aluminum**	**Arsenic**	**Boron**	**Barium**	**Beryllium**	**Calcium**	**Cadmium**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2043 Dec	50.6	0.032	0.0333	0.00194	19.9	0.0305	6.39	0.001	0.001	0.00000512	0.00358	0.00047	0.0117	0.00969	0.00000514	8.87	0.00000808
2044 Jan	50.6	0.032	0.0333	0.00194	19.9	0.0305	6.39	0.001	0.001	0.00000512	0.00358	0.00047	0.0117	0.00969	0.00000514	8.87	0.00000808
2044 Feb	50.6	0.032	0.0333	0.00194	19.9	0.0305	6.39	0.00101	0.00101	0.00000512	0.00358	0.00047	0.0117	0.00969	0.00000514	8.87	0.00000808
2044 Mar	50.6	0.032	0.0333	0.00194	19.9	0.0305	6.39	0.00101	0.00101	0.00000512	0.00358	0.00047	0.0117	0.00969	0.00000514	8.88	0.00000808
2044 Apr	50.6	0.032	0.0333	0.00194	19.9	0.0305	6.39	0.00101	0.00101	0.00000512	0.00358	0.00047	0.0117	0.0097	0.00000515	8.88	0.00000808
2044 May	50.7	0.032	0.0333	0.00194	19.9	0.0305	6.4	0.00101	0.00101	0.00000513	0.00359	0.000471	0.0118	0.00971	0.00000515	8.89	0.0000081
2044 Jun	50.4	0.0318	0.0329	0.00192	19.7	0.0303	6.34	0.001	0.001	0.00000509	0.0036	0.000474	0.0117	0.00973	0.00000512	8.89	0.00000816
2044 Jul	50.5	0.0318	0.033	0.00192	19.7	0.0304	6.34	0.001	0.001	0.00000511	0.00362	0.000476	0.0117	0.00977	0.00000514	8.93	0.00000822
2044 Aug	50.9	0.0321	0.0332	0.00194	19.9	0.0306	6.39	0.00101	0.00101	0.00000514	0.00364	0.00048	0.0118	0.00984	0.00000517	8.99	0.00000828
2044 Sep	50.8	0.0321	0.0331	0.00193	19.8	0.0305	6.37	0.00101	0.00101	0.00000514	0.00364	0.00048	0.0118	0.00983	0.00000516	8.99	0.00000826
2044 Oct	50.7	0.0321	0.033	0.00193	19.8	0.0305	6.37	0.00101	0.00101	0.00000513	0.00364	0.00048	0.0117	0.00983	0.00000516	8.99	0.00000826
2044 Nov	50.7	0.0321	0.033	0.00193	19.8	0.0305	6.37	0.00101	0.00101	0.00000513	0.00365	0.00048	0.0117	0.00983	0.00000516	8.99	0.00000827
2044 Dec	50.7	0.0321	0.033	0.00193	19.8	0.0305	6.37	0.00101	0.00101	0.00000513	0.00365	0.00048	0.0117	0.00983	0.00000516	8.99	0.00000827
2045 Jan	50.7	0.0321	0.033	0.00193	19.8	0.0305	6.37	0.00101	0.00101	0.00000513	0.00365	0.00048	0.0117	0.00983	0.00000516	8.99	0.00000827
2045 Feb	50.7	0.0321	0.033	0.00193	19.8	0.0305	6.37	0.00101	0.00101	0.00000513	0.00365	0.00048	0.0117	0.00983	0.00000516	8.99	0.00000827
2045 Mar	50.7	0.0321	0.033	0.00193	19.8	0.0305	6.37	0.00101	0.00101	0.00000513	0.00365	0.00048	0.0117	0.00983	0.00000516	8.99	0.00000827
2045 Apr	50.8	0.0321	0.033	0.00193	19.8	0.0305	6.37	0.00101	0.00101	0.00000513	0.00365	0.000481	0.0118	0.00984	0.00000516	8.99	0.00000827
2045 May	50.8	0.0322	0.0331	0.00193	19.9	0.0306	6.38	0.00101	0.00101	0.00000514	0.00365	0.000481	0.0118	0.00985	0.00000517	9.01	0.00000828
2045 Jun	50.6	0.032	0.0329	0.00192	19.7	0.0305	6.34	0.00101	0.00101	0.00000513	0.00367	0.000483	0.0117	0.00985	0.00000516	9	0.00000834
2045 Jul	50.7	0.0321	0.0328	0.00192	19.7	0.0305	6.34	0.00101	0.00101	0.00000514	0.00369	0.000486	0.0117	0.00988	0.00000517	9.03	0.00000841
2045 Aug	50.9	0.0322	0.033	0.00193	19.8	0.0306	6.37	0.00101	0.00101	0.00000516	0.00371	0.000488	0.0118	0.00993	0.00000519	9.07	0.00000844
2045 Sep	51	0.0322	0.033	0.00193	19.8	0.0307	6.37	0.00102	0.00102	0.00000517	0.00371	0.000489	0.0118	0.00994	0.00000519	9.08	0.00000845
2045 Oct	51	0.0323	0.033	0.00193	19.8	0.0307	6.37	0.00102	0.00102	0.00000517	0.00371	0.000489	0.0118	0.00995	0.0000052	9.09	0.00000846
2045 Nov	51	0.0323	0.033	0.00193	19.8	0.0307	6.38	0.00102	0.00102	0.00000517	0.00372	0.00049	0.0118	0.00995	0.0000052	9.09	0.00000846
2045 Dec	51	0.0323	0.033	0.00193	19.8	0.0307	6.38	0.00102	0.00102	0.00000517	0.00372	0.00049	0.0118	0.00995	0.0000052	9.09	0.00000846
2046 Jan	51	0.0323	0.033	0.00193	19.8	0.0307	6.38	0.00102	0.00102	0.00000517	0.00372	0.00049	0.0118	0.00995	0.0000052	9.09	0.00000846
2046 Feb	51	0.0323	0.033	0.00193	19.8	0.0307	6.38	0.00102	0.00102	0.00000517	0.00372	0.00049	0.0118	0.00995	0.0000052	9.09	0.00000846
2046 Mar	51	0.0323	0.033	0.00194	19.8	0.0307	6.38	0.00102	0.00102	0.00000517	0.00372	0.00049	0.0118	0.00995	0.0000052	9.09	0.00000846
2046 Apr	51.1	0.0323	0.033	0.00194	19.8	0.0307	6.38	0.00102	0.00102	0.00000517	0.00372	0.00049	0.0118	0.00996	0.0000052	9.1	0.00000847
2046 May	51.1	0.0324	0.0331	0.00194	19.9	0.0308	6.39	0.00102	0.00102	0.00000518	0.00372	0.000491	0.0118	0.00998	0.00000521	9.11	0.00000848
2046 Jun	50.8	0.0321	0.0327	0.00192	19.7	0.0306	6.33	0.00101	0.00101	0.00000516	0.00374	0.000493	0.0118	0.00997	0.00000518	9.1	0.00000855
2046 Jul	50.6	0.0319	0.0324	0.00191	19.5	0.0304	6.29	0.00101	0.00101	0.00000514	0.00375	0.000494	0.0117	0.00996	0.00000517	9.09	0.0000086
2046 Aug	50.8	0.0321	0.0326	0.00192	19.6	0.0306	6.31	0.00101	0.00101	0.00000516	0.00377	0.000497	0.0118	0.01	0.00000519	9.13	0.00000863
2046 Sep	50.7	0.0321	0.0325	0.00191	19.6	0.0305	6.3	0.00101	0.00101	0.00000516	0.00376	0.000497	0.0118	0.01	0.00000518	9.12	0.00000862
2046 Oct	50.7	0.0321	0.0324	0.00191	19.5	0.0305	6.29	0.00101	0.00101	0.00000515	0.00377	0.000497	0.0117	0.01	0.00000518	9.12	0.00000862
2046 Nov	50.7	0.0321	0.0324	0.00191	19.5	0.0305	6.29	0.00101	0.00101	0.00000515	0.00377	0.000497	0.0117	0.01	0.00000518	9.12	0.00000863
2046 Dec	50.7	0.0321	0.0324	0.00191	19.5	0.0305	6.29	0.00101	0.00101	0.00000515	0.00377	0.000497	0.0117	0.01	0.00000518	9.12	0.00000863
2047 Jan	50.7	0.0321	0.0324	0.00191	19.5	0.0305	6.29	0.00101	0.00101	0.00000515	0.00377	0.000497	0.0117	0.01	0.00000518	9.12	0.00000863
2047 Feb	50.7	0.0321	0.0324	0.00191	19.5	0.0305	6.29	0.00101	0.00101	0.00000515	0.00377	0.000497	0.0117	0.01	0.00000518	9.12	0.00000863
2047 Mar	50.7	0.0321	0.0324	0.00191	19.5	0.0305	6.29	0.00101	0.00101	0.00000515	0.00377	0.000497	0.0118	0.01	0.00000518	9.13	0.00000863
2047 Apr	50.7	0.0322	0.0324	0.00191	19.6	0.0305	6.29	0.00101	0.00101	0.00000515	0.00377	0.000498	0.0118	0.01	0.00000518	9.13	0.00000863
2047 May	50.8	0.0322	0.0324	0.00191	19.6	0.0305	6.3	0.00101	0.00101	0.00000516	0.00378	0.000499	0.0118	0.01	0.00000518	9.16	0.00000865
2047 Jun	50.7	0.0322	0.0322	0.0019	19.5	0.0304	6.26	0.00101	0.00101	0.00000513	0.00379	0.000505	0.0117	0.0102	0.00000516	9.24	0.00000871
2047 Jul	51	0.0324	0.0323	0.00191	19.6	0.0305	6.3	0.00102	0.00102	0.00000516	0.00381	0.000508	0.0118	0.0102	0.00000519	9.29	0.00000877
2047 Aug	51.2	0.0326	0.0325	0.00192	19.7	0.0307	6.33	0.00102	0.00102	0.00000519	0.00383	0.000511	0.0118	0.0103	0.00000522	9.34	0.00000882
2047 Sep	51.2	0.0326	0.0324	0.00191	19.6	0.0307	6.32	0.00102	0.00102	0.00000519	0.00383	0.000511	0.0118	0.0103	0.00000521	9.34	0.00000881
2047 Oct	51.1	0.0326	0.0324	0.00191	19.6	0.0307	6.31	0.00102	0.00102	0.00000518	0.00383	0.000511	0.0118	0.0103	0.00000521	9.34	0.0000088
2047 Nov	51.1	0.0326	0.0324	0.00191	19.6	0.0307	6.31	0.00102	0.00102	0.00000518	0.00383	0.000511	0.0118	0.0103	0.0000052	9.34	0.00000881
2047 Dec	51.1	0.0326	0.0324	0.00191	19.6	0.0307	6.31	0.00102	0.00102	0.00000518	0.00383	0.000511	0.0118	0.0103	0.0000052	9.34	0.00000881
2048 Jan	51.1	0.0326	0.0324	0.00191	19.6	0.0307	6.31	0.00102	0.00102	0.00000518	0.00383	0.000511	0.0118	0.0103	0.0000052	9.34	0.00000881
2048 Feb	51.1	0.0326	0.0324	0.00191	19.6	0.0307	6.31	0.00102	0.00102	0.00000518	0.00383	0.000511	0.0118	0.0103	0.00000521	9.34	0.00000881
2048 Mar	51.1	0.0326	0.0324	0.00191	19.6	0.0307	6.31	0.00102	0.00102	0.00000518	0.00383	0.000511	0.0118	0.0103	0.00000521	9.34	0.00000881
2048 Apr	51.1	0.0327	0.0324	0.00191	19.6	0.0307	6.32	0.00102	0.00102	0.00000518	0.00383	0.000511	0.0118	0.0103	0.00000521	9.34	0.00000881
2048 May	51.2	0.0327	0.0324	0.00191	19.6	0.0307	6.33	0.00102	0.00102	0.00000519	0.00384	0.000512	0.0118	0.0103	0.00000522	9.36	0.00000883
2048 Jun	50.9	0.0325	0.0321	0.0019	19.5	0.0305	6.27	0.00102	0.00102	0.00000517	0.00385	0.000513	0.0118	0.0103	0.00000519	9.33	0.00000889
2048 Jul	50.8	0.0323	0.0319	0.00189	19.3	0.0304	6.23	0.00101	0.00101	0.00000516	0.00387	0.000516	0.0117	0.0103	0.00000518	9.34	0.00000895
2048 Aug	50.9	0.0324	0.0319	0.00189	19.4	0.0305	6.25	0.00102	0.00102	0.00000517	0.00388	0.000518	0.0118	0.0103	0.0000052	9.36	0.00000897
2048 Sep	50.9	0.0324	0.0319	0.00189	19.4	0.0305	6.25	0.00102	0.00102	0.00000517	0.00388	0.000518	0.0118	0.0103	0.0000052	9.37	0.00000897
2048 Oct	50.9	0.0325	0.0319	0.00189	19.4	0.0305	6.24	0.00102	0.00102	0.00000517	0.00389	0.000519	0.0117	0.0103	0.00000519	9.37	0.00000897
2048 Nov	50.9	0.0325	0.0319	0.00189	19.4	0.0305	6.24	0.00102	0.00102	0.00000517	0.00389	0.000519	0.0117	0.0103	0.00000519	9.37	0.00000898
2048 Dec	50.9	0.0325	0.0319	0.00189	19.4	0.0305	6.24	0.00102	0.00102	0.00000517	0.00389	0.000519	0.0118	0.0103	0.00000519	9.38	0.00000898

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2049 Jan	50.9	0.0325	0.0319	0.00189	19.4	0.0305	6.24	0.00102	0.00102	0.00000517	0.00389	0.000519	0.0118	0.0103	0.00000519	9.38	0.00000898
2049 Feb	50.9	0.0325	0.0319	0.00189	19.4	0.0305	6.24	0.00102	0.00102	0.00000517	0.00389	0.000519	0.0118	0.0103	0.00000519	9.38	0.00000898
2049 Mar	50.9	0.0325	0.0319	0.00189	19.4	0.0305	6.24	0.00102	0.00102	0.00000517	0.00389	0.000519	0.0118	0.0103	0.00000519	9.38	0.00000898
2049 Apr	50.9	0.0325	0.0319	0.00189	19.4	0.0305	6.24	0.00102	0.00102	0.00000517	0.00389	0.000519	0.0118	0.0103	0.0000052	9.38	0.00000898
2049 May	51	0.0326	0.0319	0.0019	19.4	0.0306	6.25	0.00102	0.00102	0.00000518	0.0039	0.00052	0.0118	0.0103	0.0000052	9.4	0.000009
2049 Jun	50.6	0.0323	0.0315	0.00188	19.2	0.0304	6.19	0.00101	0.00101	0.00000515	0.00391	0.000521	0.0117	0.0103	0.00000518	9.37	0.00000906
2049 Jul	50.6	0.0322	0.0314	0.00187	19.1	0.0303	6.17	0.00101	0.00101	0.00000515	0.00392	0.000523	0.0117	0.0103	0.00000517	9.38	0.00000911
2049 Aug	50.9	0.0324	0.0316	0.00188	19.3	0.0305	6.21	0.00102	0.00102	0.00000518	0.00395	0.000527	0.0118	0.0104	0.00000521	9.44	0.00000916
2049 Sep	50.9	0.0325	0.0316	0.00188	19.2	0.0305	6.21	0.00102	0.00102	0.00000518	0.00395	0.000527	0.0118	0.0104	0.0000052	9.44	0.00000916
2049 Oct	50.8	0.0325	0.0315	0.00188	19.2	0.0305	6.2	0.00102	0.00102	0.00000517	0.00395	0.000527	0.0117	0.0104	0.0000052	9.44	0.00000915
2049 Nov	50.8	0.0325	0.0315	0.00188	19.2	0.0305	6.2	0.00102	0.00102	0.00000517	0.00395	0.000527	0.0117	0.0104	0.0000052	9.44	0.00000916
2049 Dec	50.8	0.0325	0.0315	0.00188	19.2	0.0305	6.2	0.00102	0.00102	0.00000517	0.00395	0.000527	0.0117	0.0104	0.0000052	9.44	0.00000916
2050 Jan	50.8	0.0325	0.0315	0.00188	19.2	0.0305	6.2	0.00102	0.00102	0.00000517	0.00395	0.000527	0.0117	0.0104	0.0000052	9.44	0.00000916
2050 Feb	50.8	0.0325	0.0315	0.00188	19.2	0.0305	6.2	0.00102	0.00102	0.00000517	0.00395	0.000527	0.0117	0.0104	0.0000052	9.44	0.00000916
2050 Mar	50.8	0.0325	0.0315	0.00188	19.2	0.0305	6.2	0.00102	0.00102	0.00000517	0.00395	0.000527	0.0117	0.0104	0.0000052	9.44	0.00000916
2050 Apr	50.8	0.0325	0.0315	0.00188	19.2	0.0305	6.2	0.00102	0.00102	0.00000517	0.00395	0.000527	0.0117	0.0104	0.0000052	9.44	0.00000916
2050 May	50.9	0.0326	0.0316	0.00188	19.2	0.0306	6.21	0.00102	0.00102	0.00000518	0.00396	0.000528	0.0118	0.0104	0.00000521	9.46	0.00000917
2050 Jun	50.7	0.0324	0.0313	0.00187	19.1	0.0304	6.16	0.00102	0.00102	0.00000516	0.00397	0.000531	0.0117	0.0104	0.00000519	9.47	0.00000924
2050 Jul	50.5	0.0323	0.0311	0.00186	19	0.0303	6.13	0.00101	0.00101	0.00000515	0.00397	0.000531	0.0117	0.0104	0.00000517	9.45	0.00000926
2050 Aug	50.7	0.0324	0.0312	0.00187	19.1	0.0304	6.15	0.00102	0.00102	0.00000517	0.00399	0.000534	0.0117	0.0105	0.00000519	9.49	0.0000093
2050 Sep	50.7	0.0324	0.0312	0.00187	19.1	0.0304	6.15	0.00102	0.00102	0.00000517	0.004	0.000535	0.0117	0.0105	0.0000052	9.5	0.0000093
2050 Oct	50.8	0.0325	0.0312	0.00187	19.1	0.0305	6.16	0.00102	0.00102	0.00000518	0.004	0.000535	0.0117	0.0105	0.0000052	9.51	0.00000931
2050 Nov	50.8	0.0325	0.0312	0.00187	19.1	0.0305	6.16	0.00102	0.00102	0.00000518	0.004	0.000535	0.0117	0.0105	0.0000052	9.51	0.00000932
2050 Dec	50.8	0.0325	0.0312	0.00187	19.1	0.0305	6.16	0.00102	0.00102	0.00000518	0.004	0.000535	0.0117	0.0105	0.0000052	9.51	0.00000932
2051 Jan	50.8	0.0325	0.0312	0.00187	19.1	0.0305	6.16	0.00102	0.00102	0.00000518	0.004	0.000535	0.0117	0.0105	0.0000052	9.51	0.00000932
2051 Feb	50.8	0.0325	0.0312	0.00187	19.1	0.0305	6.16	0.00102	0.00102	0.00000518	0.004	0.000535	0.0117	0.0105	0.0000052	9.51	0.00000932
2051 Mar	50.8	0.0325	0.0312	0.00187	19.1	0.0305	6.16	0.00102	0.00102	0.00000518	0.004	0.000535	0.0117	0.0105	0.0000052	9.51	0.00000932
2051 Apr	50.8	0.0325	0.0312	0.00187	19.1	0.0305	6.17	0.00102	0.00102	0.00000518	0.004	0.000536	0.0117	0.0105	0.00000521	9.52	0.00000932
2051 May	50.9	0.0326	0.0313	0.00187	19.1	0.0305	6.18	0.00102	0.00102	0.00000519	0.00401	0.000537	0.0118	0.0105	0.00000522	9.54	0.00000934
2051 Jun	50.6	0.0324	0.0308	0.00185	18.9	0.0302	6.1	0.00101	0.00101	0.00000515	0.00402	0.000541	0.0117	0.0106	0.00000517	9.57	0.00000941
2051 Jul	50.6	0.0323	0.0308	0.00185	18.9	0.0302	6.1	0.00101	0.00101	0.00000516	0.00403	0.000543	0.0117	0.0106	0.00000518	9.59	0.00000946
2051 Aug	50.7	0.0324	0.0308	0.00185	18.9	0.0303	6.11	0.00102	0.00102	0.00000517	0.00404	0.000544	0.0117	0.0106	0.00000519	9.61	0.00000947
2051 Sep	50.6	0.0325	0.0307	0.00185	18.9	0.0303	6.1	0.00102	0.00102	0.00000516	0.00404	0.000545	0.0117	0.0106	0.00000518	9.6	0.00000946
2051 Oct	50.4	0.0325	0.0305	0.00184	18.8	0.0302	6.06	0.00101	0.00101	0.00000513	0.00404	0.000544	0.0116	0.0106	0.00000516	9.58	0.00000945
2051 Nov	50.4	0.0325	0.0305	0.00184	18.8	0.0302	6.06	0.00101	0.00101	0.00000513	0.00404	0.000545	0.0116	0.0106	0.00000516	9.59	0.00000945
2051 Dec	50.4	0.0325	0.0305	0.00184	18.8	0.0302	6.06	0.00101	0.00101	0.00000513	0.00404	0.000545	0.0116	0.0106	0.00000516	9.59	0.00000945
2052 Jan	50.4	0.0325	0.0305	0.00184	18.8	0.0302	6.06	0.00101	0.00101	0.00000513	0.00404	0.000545	0.0116	0.0106	0.00000516	9.59	0.00000945
2052 Feb	50.4	0.0325	0.0305	0.00184	18.8	0.0302	6.06	0.00101	0.00101	0.00000513	0.00404	0.000545	0.0116	0.0106	0.00000516	9.59	0.00000945
2052 Mar	50.4	0.0325	0.0305	0.00184	18.8	0.0302	6.06	0.00101	0.00101	0.00000513	0.00404	0.000545	0.0116	0.0106	0.00000516	9.59	0.00000945
2052 Apr	50.4	0.0325	0.0305	0.00184	18.8	0.0302	6.07	0.00101	0.00101	0.00000514	0.00404	0.000545	0.0116	0.0106	0.00000516	9.59	0.00000945
2052 May	50.5	0.0326	0.0305	0.00184	18.8	0.0302	6.07	0.00101	0.00101	0.00000514	0.00405	0.000546	0.0116	0.0106	0.00000517	9.62	0.00000947
2052 Jun	50.5	0.0326	0.0304	0.00183	18.7	0.0301	6.06	0.00101	0.00101	0.00000514	0.00406	0.00055	0.0116	0.0107	0.00000516	9.68	0.00000953
2052 Jul	50.6	0.0327	0.0304	0.00183	18.7	0.0302	6.06	0.00101	0.00101	0.00000515	0.00408	0.000553	0.0116	0.0107	0.00000517	9.7	0.00000955
2052 Aug	50.7	0.0328	0.0305	0.00184	18.8	0.0303	6.08	0.00102	0.00102	0.00000516	0.00409	0.000555	0.0116	0.0108	0.00000518	9.73	0.00000958
2052 Sep	50.7	0.0328	0.0305	0.00184	18.8	0.0303	6.08	0.00102	0.00102	0.00000516	0.00409	0.000555	0.0116	0.0108	0.00000518	9.74	0.00000958
2052 Oct	50.7	0.0328	0.0304	0.00184	18.8	0.0303	6.07	0.00102	0.00102	0.00000516	0.00409	0.000556	0.0116	0.0108	0.00000518	9.74	0.00000958
2052 Nov	50.7	0.0329	0.0304	0.00184	18.8	0.0303	6.08	0.00102	0.00102	0.00000516	0.0041	0.000556	0.0117	0.0108	0.00000518	9.74	0.00000959
2052 Dec	50.7	0.0329	0.0304	0.00184	18.8	0.0303	6.08	0.00102	0.00102	0.00000516	0.0041	0.000556	0.0117	0.0108	0.00000518	9.74	0.00000959
2053 Jan	50.7	0.0329	0.0304	0.00184	18.8	0.0303	6.08	0.00102	0.00102	0.00000516	0.0041	0.000556	0.0117	0.0108	0.00000518	9.74	0.00000959
2053 Feb	50.7	0.0329	0.0304	0.00184	18.8	0.0303	6.08	0.00102	0.00102	0.00000516	0.0041	0.000556	0.0117	0.0108	0.00000518	9.75	0.00000959
2053 Mar	50.7	0.0329	0.0305	0.00184	18.8	0.0303	6.08	0.00102	0.00102	0.00000516	0.0041	0.000556	0.0117	0.0108	0.00000519	9.75	0.00000959
2053 Apr	50.7	0.0329	0.0305	0.00184	18.8	0.0303	6.08	0.00102	0.00102	0.00000516	0.0041	0.000556	0.0117	0.0108	0.00000519	9.75	0.00000959
2053 May	50.8	0.033	0.0305	0.00184	18.8	0.0303	6.09	0.00102	0.00102	0.00000517	0.00411	0.000559	0.0117	0.0109	0.00000519	9.81	0.00000963
2053 Jun	50.7	0.0329	0.0302	0.00182	18.7	0.0301	6.05	0.00101	0.00101	0.00000514	0.00411	0.000564	0.0116	0.011	0.00000516	9.88	0.00000967
2053 Jul	50.9	0.0331	0.0303	0.00183	18.7	0.0302	6.07	0.00102	0.00102	0.00000516	0.00413	0.000567	0.0116	0.011	0.00000518	9.92	0.00000972
2053 Aug	51.2	0.0332	0.0304	0.00183	18.8	0.0304	6.1	0.00102	0.00102	0.00000518	0.00415	0.00057	0.0117	0.0111	0.00000521	9.97	0.00000976
2053 Sep	51.3	0.0334	0.0305	0.00184	18.9	0.0305	6.12	0.00102	0.00102	0.0000052	0.00417	0.000572	0.0117	0.0111	0.00000523	10	0.0000098
2053 Oct	51.4	0.0334	0.0305	0.00184	18.9	0.0305	6.12	0.00103	0.00103	0.00000521	0.00417	0.000572	0.0117	0.0111	0.00000523	10	0.00000981
2053 Nov	51.4	0.0334	0.0305	0.00184	18.9	0.0305	6.12	0.00103	0.00103	0.00000521	0.00417	0.000573	0.0117	0.0111	0.00000523	10	0.00000981
2053 Dec	51.4	0.0334	0.0305	0.00184	18.9	0.0305	6.12	0.00103	0.00103	0.00000521	0.00417	0.000573	0.0117	0.0111	0.00000523	10	0.00000981
2054 Jan	51.4	0.0334	0.0305	0.00184	18.9	0.0305	6.12	0.00103	0.00103	0.00000521	0.00417	0.000573	0.0117	0.0111	0.00000523	10	0.00000981

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2054 Feb	51.4	0.0334	0.0305	0.00184	18.9	0.0305	6.12	0.00103	0.00103	0.00000521	0.00417	0.000573	0.0117	0.0111	0.00000523	10	0.00000981
2054 Mar	51.4	0.0334	0.0305	0.00184	18.9	0.0305	6.12	0.00103	0.00103	0.00000521	0.00417	0.000573	0.0117	0.0111	0.00000523	10	0.00000981
2054 Apr	51.4	0.0334	0.0305	0.00184	18.9	0.0305	6.13	0.00103	0.00103	0.00000521	0.00417	0.000573	0.0117	0.0111	0.00000523	10	0.00000981
2054 May	51.5	0.0335	0.0306	0.00185	18.9	0.0306	6.14	0.00103	0.00103	0.00000522	0.00418	0.000574	0.0118	0.0112	0.00000524	10	0.00000983
2054 Jun	51.3	0.0334	0.0303	0.00183	18.8	0.0303	6.09	0.00102	0.00102	0.00000518	0.00418	0.000577	0.0117	0.0112	0.00000521	10.1	0.00000986
2054 Jul	51.2	0.0333	0.0302	0.00182	18.8	0.0303	6.08	0.00102	0.00102	0.00000518	0.00418	0.000578	0.0116	0.0112	0.0000052	10.1	0.00000988
2054 Aug	51.3	0.0334	0.0302	0.00183	18.8	0.0304	6.08	0.00102	0.00102	0.00000519	0.00419	0.00058	0.0117	0.0113	0.00000521	10.1	0.00000989
2054 Sep	51.4	0.0334	0.0302	0.00183	18.8	0.0304	6.09	0.00102	0.00102	0.00000519	0.0042	0.000581	0.0117	0.0113	0.00000522	10.1	0.0000099
2054 Oct	51.3	0.0335	0.0302	0.00182	18.8	0.0304	6.08	0.00102	0.00102	0.00000519	0.0042	0.000581	0.0117	0.0113	0.00000521	10.1	0.0000099
2054 Nov	51.3	0.0335	0.0301	0.00182	18.8	0.0304	6.08	0.00102	0.00102	0.00000519	0.0042	0.000581	0.0117	0.0113	0.00000521	10.1	0.0000099
2054 Dec	51.3	0.0335	0.0302	0.00182	18.8	0.0304	6.08	0.00102	0.00102	0.00000519	0.0042	0.000581	0.0117	0.0113	0.00000521	10.1	0.0000099
2055 Jan	51.3	0.0335	0.0302	0.00182	18.8	0.0304	6.08	0.00102	0.00102	0.00000519	0.0042	0.000581	0.0117	0.0113	0.00000521	10.1	0.0000099
2055 Feb	51.3	0.0335	0.0302	0.00182	18.8	0.0304	6.08	0.00102	0.00102	0.00000519	0.0042	0.000581	0.0117	0.0113	0.00000521	10.1	0.0000099
2055 Mar	51.3	0.0335	0.0302	0.00182	18.8	0.0304	6.08	0.00102	0.00102	0.00000519	0.0042	0.000581	0.0117	0.0113	0.00000521	10.1	0.0000099
2055 Apr	51.3	0.0335	0.0302	0.00182	18.8	0.0304	6.08	0.00102	0.00102	0.00000519	0.0042	0.000581	0.0117	0.0113	0.00000521	10.1	0.0000099
2055 May	51.4	0.0335	0.0302	0.00183	18.8	0.0304	6.09	0.00102	0.00102	0.0000052	0.00421	0.000582	0.0117	0.0113	0.00000522	10.1	0.00000992
2055 Jun	51	0.0332	0.0298	0.00181	18.6	0.0302	6.02	0.00102	0.00102	0.00000517	0.00421	0.000582	0.0116	0.0113	0.00000519	10.1	0.00000997
2055 Jul	51	0.0332	0.0298	0.00181	18.5	0.0302	6.01	0.00102	0.00102	0.00000517	0.00423	0.000584	0.0116	0.0113	0.00000519	10.1	0.00001
2055 Aug	51.2	0.0333	0.0299	0.00181	18.6	0.0303	6.04	0.00102	0.00102	0.00000519	0.00425	0.000587	0.0117	0.0113	0.00000521	10.2	0.0000101
2055 Sep	51.2	0.0334	0.0299	0.00181	18.6	0.0303	6.04	0.00102	0.00102	0.00000519	0.00425	0.000588	0.0117	0.0113	0.00000522	10.2	0.0000101
2055 Oct	51.3	0.0334	0.0299	0.00182	18.6	0.0303	6.04	0.00102	0.00102	0.0000052	0.00425	0.000588	0.0117	0.0113	0.00000522	10.2	0.0000101
2055 Nov	51.3	0.0334	0.0299	0.00182	18.6	0.0304	6.04	0.00102	0.00102	0.0000052	0.00425	0.000588	0.0117	0.0113	0.00000522	10.2	0.0000101
2055 Dec	51.3	0.0334	0.0299	0.00182	18.6	0.0304	6.04	0.00102	0.00102	0.0000052	0.00425	0.000588	0.0117	0.0113	0.00000522	10.2	0.0000101
2056 Jan	51.3	0.0334	0.0299	0.00182	18.6	0.0304	6.04	0.00102	0.00102	0.0000052	0.00426	0.000588	0.0117	0.0113	0.00000522	10.2	0.0000101
2056 Feb	51.3	0.0334	0.0299	0.00182	18.6	0.0304	6.04	0.00102	0.00102	0.0000052	0.00426	0.000589	0.0117	0.0113	0.00000522	10.2	0.0000101
2056 Mar	51.3	0.0334	0.0299	0.00182	18.6	0.0304	6.04	0.00102	0.00102	0.0000052	0.00426	0.000589	0.0117	0.0113	0.00000522	10.2	0.0000101
2056 Apr	51.3	0.0334	0.0299	0.00182	18.6	0.0304	6.05	0.00102	0.00102	0.0000052	0.00426	0.000589	0.0117	0.0113	0.00000522	10.2	0.0000101
2056 May	51.4	0.0335	0.0299	0.00182	18.7	0.0304	6.05	0.00103	0.00103	0.00000521	0.00427	0.000591	0.0117	0.0114	0.00000523	10.2	0.0000101
2056 Jun	51.3	0.0335	0.0296	0.0018	18.5	0.0302	6.02	0.00102	0.00102	0.00000518	0.00426	0.000595	0.0116	0.0115	0.0000052	10.3	0.0000101
2056 Jul	51.5	0.0336	0.0298	0.00181	18.6	0.0303	6.04	0.00102	0.00102	0.0000052	0.00429	0.000599	0.0117	0.0116	0.00000522	10.3	0.0000102
2056 Aug	51.7	0.0337	0.0298	0.00181	18.7	0.0304	6.06	0.00103	0.00103	0.00000522	0.0043	0.000601	0.0117	0.0116	0.00000524	10.4	0.0000102
2056 Sep	51.8	0.0338	0.0299	0.00182	18.7	0.0305	6.07	0.00103	0.00103	0.00000523	0.00431	0.000603	0.0117	0.0116	0.00000525	10.4	0.0000102
2056 Oct	51.7	0.0338	0.0298	0.00181	18.7	0.0305	6.06	0.00103	0.00103	0.00000522	0.00431	0.000602	0.0117	0.0116	0.00000524	10.4	0.0000102
2056 Nov	51.7	0.0339	0.0298	0.00181	18.7	0.0305	6.06	0.00103	0.00103	0.00000522	0.00431	0.000602	0.0117	0.0116	0.00000524	10.4	0.0000102
2056 Dec	51.7	0.0339	0.0298	0.00181	18.7	0.0305	6.06	0.00103	0.00103	0.00000522	0.00431	0.000602	0.0117	0.0116	0.00000524	10.4	0.0000102
2057 Jan	51.7	0.0339	0.0298	0.00181	18.7	0.0305	6.06	0.00103	0.00103	0.00000522	0.00431	0.000602	0.0117	0.0116	0.00000524	10.4	0.0000102
2057 Feb	51.7	0.0339	0.0298	0.00181	18.7	0.0305	6.06	0.00103	0.00103	0.00000522	0.00431	0.000602	0.0117	0.0116	0.00000525	10.4	0.0000102
2057 Mar	51.7	0.0339	0.0298	0.00181	18.7	0.0305	6.06	0.00103	0.00103	0.00000522	0.00431	0.000602	0.0117	0.0116	0.00000525	10.4	0.0000102
2057 Apr	51.8	0.0339	0.0299	0.00182	18.7	0.0305	6.07	0.00103	0.00103	0.00000523	0.00431	0.000603	0.0117	0.0116	0.00000525	10.4	0.0000102
2057 May	51.9	0.034	0.0299	0.00182	18.7	0.0305	6.08	0.00103	0.00103	0.00000523	0.00432	0.000604	0.0117	0.0117	0.00000526	10.4	0.0000103
2057 Jun	51.6	0.0338	0.0296	0.0018	18.6	0.0303	6.03	0.00103	0.00103	0.0000052	0.00433	0.000607	0.0116	0.0117	0.00000523	10.5	0.0000103
2057 Jul	51.8	0.0339	0.0296	0.0018	18.6	0.0304	6.04	0.00103	0.00103	0.00000522	0.00434	0.00061	0.0117	0.0117	0.00000524	10.5	0.0000104
2057 Aug	52.1	0.0341	0.0298	0.00182	18.7	0.0306	6.08	0.00104	0.00104	0.00000526	0.00438	0.000614	0.0118	0.0118	0.00000528	10.6	0.0000104
2057 Sep	52.3	0.0342	0.0299	0.00182	18.8	0.0307	6.1	0.00104	0.00104	0.00000527	0.00439	0.000616	0.0118	0.0119	0.00000529	10.6	0.0000105
2057 Oct	52.3	0.0342	0.0299	0.00182	18.8	0.0307	6.1	0.00104	0.00104	0.00000527	0.00439	0.000616	0.0118	0.0119	0.00000529	10.6	0.0000105
2057 Nov	52.3	0.0342	0.0299	0.00182	18.8	0.0307	6.1	0.00104	0.00104	0.00000527	0.00439	0.000616	0.0118	0.0119	0.00000529	10.6	0.0000105
2057 Dec	52.3	0.0342	0.0299	0.00182	18.8	0.0307	6.1	0.00104	0.00104	0.00000527	0.00439	0.000616	0.0118	0.0119	0.00000529	10.6	0.0000105
2058 Jan	52.3	0.0342	0.0299	0.00182	18.8	0.0307	6.1	0.00104	0.00104	0.00000527	0.00439	0.000616	0.0118	0.0119	0.00000529	10.6	0.0000105
2058 Feb	52.3	0.0342	0.0299	0.00182	18.8	0.0307	6.1	0.00104	0.00104	0.00000527	0.00439	0.000616	0.0118	0.0119	0.00000529	10.6	0.0000105
2058 Mar	52.3	0.0343	0.0299	0.00182	18.8	0.0307	6.1	0.00104	0.00104	0.00000527	0.00439	0.000616	0.0118	0.0119	0.00000529	10.6	0.0000105
2058 Apr	52.3	0.0343	0.0299	0.00182	18.8	0.0307	6.1	0.00104	0.00104	0.00000527	0.00439	0.000616	0.0118	0.0119	0.00000529	10.6	0.0000105
2058 May	52.4	0.0344	0.0299	0.00182	18.8	0.0307	6.11	0.00104	0.00104	0.00000528	0.0044	0.000619	0.0118	0.0119	0.0000053	10.7	0.0000105
2058 Jun	52.1	0.0342	0.0295	0.0018	18.6	0.0303	6.04	0.00103	0.00103	0.00000522	0.00439	0.000624	0.0117	0.0121	0.00000525	10.7	0.0000105
2058 Jul	52.3	0.0343	0.0296	0.0018	18.6	0.0304	6.06	0.00103	0.00103	0.00000524	0.0044	0.000626	0.0117	0.0121	0.00000526	10.8	0.0000106
2058 Aug	52.5	0.0345	0.0297	0.00181	18.7	0.0305	6.08	0.00104	0.00104	0.00000526	0.00442	0.000629	0.0117	0.0122	0.00000529	10.8	0.0000106
2058 Sep	52.5	0.0345	0.0297	0.00181	18.7	0.0305	6.08	0.00104	0.00104	0.00000526	0.00443	0.00063	0.0117	0.0122	0.00000529	10.8	0.0000106
2058 Oct	52.5	0.0346	0.0296	0.00181	18.7	0.0305	6.08	0.00104	0.00104	0.00000526	0.00443	0.00063	0.0117	0.0122	0.00000528	10.8	0.0000106
2058 Nov	52.5	0.0346	0.0296	0.00181	18.7	0.0305	6.08	0.00104	0.00104	0.00000526	0.00443	0.00063	0.0117	0.0122	0.00000529	10.8	0.0000106
2058 Dec	52.5	0.0346	0.0296	0.00181	18.7	0.0305	6.08	0.00104	0.00104	0.00000526	0.00443	0.00063	0.0117	0.0122	0.00000529	10.8	0.0000106
2059 Jan	52.5	0.0346	0.0296	0.00181	18.7	0.0305	6.08	0.00104	0.00104	0.00000526	0.00443	0.00063	0.0117	0.0122	0.00000529	10.8	0.0000106
2059 Feb	52.5	0.0346	0.0296	0.00181	18.7	0.0305	6.08	0.00104	0.00104	0.00000526	0.00443	0.00063	0.0117	0.0122	0.00000529	10.8	0.0000106

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2059 Mar	52.5	0.0346	0.0296	0.00181	18.7	0.0305	6.08	0.00104	0.00104	0.00000526	0.00443	0.00063	0.0117	0.0122	0.00000529	10.8	0.0000106
2059 Apr	52.5	0.0346	0.0297	0.00181	18.7	0.0306	6.09	0.00104	0.00104	0.00000527	0.00443	0.00063	0.0117	0.0122	0.00000529	10.8	0.0000106
2059 May	52.6	0.0347	0.0297	0.00181	18.7	0.0306	6.09	0.00104	0.00104	0.00000527	0.00444	0.000632	0.0118	0.0122	0.00000529	10.9	0.0000106
2059 Jun	52.7	0.0348	0.0296	0.0018	18.7	0.0305	6.09	0.00104	0.00104	0.00000527	0.00445	0.000637	0.0117	0.0123	0.00000529	10.9	0.0000107
2059 Jul	53.1	0.035	0.0298	0.00182	18.8	0.0307	6.13	0.00105	0.00105	0.0000053	0.00448	0.000642	0.0118	0.0124	0.00000533	11	0.0000108
2059 Aug	53.4	0.0352	0.03	0.00183	19	0.0309	6.16	0.00105	0.00105	0.00000533	0.00451	0.000646	0.0119	0.0125	0.00000536	11.1	0.0000108
2059 Sep	53.5	0.0353	0.03	0.00183	19	0.031	6.17	0.00105	0.00105	0.00000534	0.00452	0.000647	0.0119	0.0125	0.00000536	11.1	0.0000108
2059 Oct	53.2	0.0353	0.0298	0.00182	18.9	0.0309	6.14	0.00105	0.00105	0.00000532	0.00451	0.000645	0.0118	0.0125	0.00000534	11.1	0.0000108
2059 Nov	53.2	0.0353	0.0298	0.00182	18.9	0.0309	6.14	0.00105	0.00105	0.00000532	0.00451	0.000645	0.0118	0.0125	0.00000534	11.1	0.0000108
2059 Dec	53.2	0.0353	0.0298	0.00182	18.9	0.0309	6.14	0.00105	0.00105	0.00000532	0.00451	0.000645	0.0118	0.0125	0.00000534	11.1	0.0000108
2060 Jan	53.2	0.0353	0.0298	0.00182	18.9	0.0309	6.14	0.00105	0.00105	0.00000532	0.00451	0.000645	0.0118	0.0125	0.00000534	11.1	0.0000108
2060 Feb	53.2	0.0353	0.0298	0.00182	18.9	0.0309	6.14	0.00105	0.00105	0.00000532	0.00451	0.000645	0.0118	0.0125	0.00000534	11.1	0.0000108
2060 Mar	53.2	0.0353	0.0298	0.00182	18.9	0.0309	6.14	0.00105	0.00105	0.00000532	0.00451	0.000645	0.0118	0.0125	0.00000534	11.1	0.0000108
2060 Apr	53.3	0.0353	0.0298	0.00182	18.9	0.0309	6.15	0.00105	0.00105	0.00000532	0.00451	0.000645	0.0119	0.0125	0.00000534	11.1	0.0000108
2060 May	53.4	0.0355	0.0298	0.00182	18.9	0.0309	6.15	0.00105	0.00105	0.00000532	0.00452	0.000649	0.0119	0.0125	0.00000534	11.1	0.0000109
2060 Jun	53.3	0.0355	0.0296	0.0018	18.8	0.0307	6.12	0.00104	0.00104	0.0000053	0.00452	0.000654	0.0118	0.0127	0.00000532	11.2	0.0000109
2060 Jul	53.7	0.0357	0.0298	0.00181	18.9	0.0309	6.16	0.00105	0.00105	0.00000533	0.00455	0.000658	0.0119	0.0127	0.00000535	11.3	0.000011
2060 Aug	53.8	0.0358	0.0298	0.00182	19	0.031	6.18	0.00105	0.00105	0.00000535	0.00457	0.000661	0.0119	0.0128	0.00000537	11.3	0.000011
2060 Sep	53.7	0.0358	0.0297	0.00181	18.9	0.0309	6.16	0.00105	0.00105	0.00000533	0.00456	0.00066	0.0119	0.0128	0.00000536	11.3	0.000011
2060 Oct	53.6	0.0358	0.0297	0.00181	18.9	0.0309	6.15	0.00105	0.00105	0.00000533	0.00456	0.00066	0.0119	0.0128	0.00000535	11.3	0.000011
2060 Nov	53.6	0.0358	0.0296	0.00181	18.9	0.0309	6.15	0.00105	0.00105	0.00000533	0.00456	0.00066	0.0118	0.0128	0.00000535	11.3	0.000011
2060 Dec	53.6	0.0358	0.0296	0.00181	18.9	0.0309	6.15	0.00105	0.00105	0.00000533	0.00456	0.00066	0.0118	0.0128	0.00000535	11.3	0.000011
2061 Jan	53.6	0.0358	0.0296	0.00181	18.9	0.0309	6.15	0.00105	0.00105	0.00000533	0.00456	0.00066	0.0118	0.0128	0.00000535	11.3	0.000011
2061 Feb	53.6	0.0358	0.0296	0.00181	18.9	0.0309	6.15	0.00105	0.00105	0.00000533	0.00456	0.00066	0.0118	0.0128	0.00000535	11.3	0.000011
2061 Mar	53.6	0.0358	0.0296	0.00181	18.9	0.0309	6.15	0.00105	0.00105	0.00000533	0.00456	0.00066	0.0118	0.0128	0.00000535	11.3	0.000011
2061 Apr	53.6	0.0359	0.0296	0.00181	18.9	0.0309	6.15	0.00105	0.00105	0.00000533	0.00456	0.000661	0.0119	0.0128	0.00000535	11.3	0.000011
2061 May	53.8	0.036	0.0296	0.00181	18.9	0.0309	6.16	0.00105	0.00105	0.00000533	0.00457	0.000664	0.0119	0.0129	0.00000535	11.4	0.000011
2061 Jun	53.5	0.0359	0.0293	0.00179	18.7	0.0306	6.11	0.00104	0.00104	0.00000529	0.00456	0.000668	0.0117	0.0129	0.00000531	11.4	0.000011
2061 Jul	53.9	0.0361	0.0295	0.0018	18.8	0.0308	6.14	0.00105	0.00105	0.00000532	0.00459	0.000672	0.0118	0.013	0.00000534	11.5	0.0000111
2061 Aug	54.2	0.0363	0.0296	0.00181	19	0.0309	6.18	0.00106	0.00106	0.00000535	0.00462	0.000676	0.0119	0.0131	0.00000537	11.6	0.0000111
2061 Sep	54.2	0.0364	0.0296	0.00181	19	0.031	6.18	0.00106	0.00106	0.00000536	0.00463	0.000677	0.0119	0.0131	0.00000538	11.6	0.0000112
2061 Oct	54.1	0.0364	0.0295	0.0018	18.9	0.0309	6.16	0.00105	0.00105	0.00000534	0.00462	0.000675	0.0119	0.0131	0.00000536	11.6	0.0000111
2061 Nov	54	0.0364	0.0295	0.0018	18.9	0.0309	6.16	0.00105	0.00105	0.00000534	0.00461	0.000675	0.0118	0.0131	0.00000536	11.6	0.0000111
2061 Dec	54	0.0364	0.0295	0.0018	18.9	0.0309	6.16	0.00105	0.00105	0.00000534	0.00461	0.000675	0.0118	0.0131	0.00000536	11.6	0.0000111
2062 Jan	54	0.0364	0.0295	0.0018	18.9	0.0309	6.16	0.00105	0.00105	0.00000534	0.00461	0.000675	0.0118	0.0131	0.00000536	11.6	0.0000111
2062 Feb	54	0.0364	0.0295	0.0018	18.9	0.0309	6.16	0.00105	0.00105	0.00000534	0.00461	0.000675	0.0118	0.0131	0.00000536	11.6	0.0000111
2062 Mar	54	0.0364	0.0295	0.0018	18.9	0.0309	6.16	0.00105	0.00105	0.00000534	0.00461	0.000675	0.0118	0.0131	0.00000536	11.6	0.0000111
2062 Apr	54	0.0364	0.0295	0.0018	18.9	0.0309	6.16	0.00105	0.00105	0.00000534	0.00462	0.000675	0.0119	0.0131	0.00000536	11.6	0.0000111
2062 May	54.1	0.0364	0.0295	0.00181	18.9	0.031	6.17	0.00105	0.00105	0.00000535	0.00462	0.000676	0.0119	0.0131	0.00000537	11.6	0.0000111
2062 Jun	53.8	0.0362	0.0293	0.00179	18.8	0.0308	6.12	0.00105	0.00105	0.00000533	0.00463	0.000677	0.0118	0.0131	0.00000535	11.5	0.0000112
2062 Jul	53.8	0.0361	0.0292	0.00179	18.7	0.0307	6.1	0.00105	0.00105	0.00000532	0.00464	0.000678	0.0118	0.0131	0.00000535	11.6	0.0000112
2062 Aug	53.8	0.0362	0.0292	0.00179	18.7	0.0308	6.11	0.00105	0.00105	0.00000533	0.00465	0.00068	0.0118	0.0131	0.00000535	11.6	0.0000112
2062 Sep	53.8	0.0362	0.0291	0.00179	18.7	0.0308	6.1	0.00105	0.00105	0.00000533	0.00465	0.00068	0.0118	0.0131	0.00000535	11.6	0.0000112
2062 Oct	53.5	0.0362	0.0289	0.00178	18.6	0.0307	6.07	0.00105	0.00105	0.0000053	0.00464	0.000679	0.0117	0.0131	0.00000532	11.5	0.0000112
2062 Nov	53.6	0.0363	0.0289	0.00178	18.6	0.0307	6.07	0.00105	0.00105	0.0000053	0.00464	0.000679	0.0117	0.0131	0.00000532	11.5	0.0000112
2062 Dec	53.6	0.0363	0.0289	0.00178	18.6	0.0307	6.07	0.00105	0.00105	0.0000053	0.00464	0.000679	0.0117	0.0131	0.00000532	11.5	0.0000112
2063 Jan	53.6	0.0363	0.0289	0.00178	18.6	0.0307	6.07	0.00105	0.00105	0.0000053	0.00464	0.000679	0.0117	0.0131	0.00000532	11.5	0.0000112
2063 Feb	53.6	0.0363	0.0289	0.00178	18.6	0.0307	6.07	0.00105	0.00105	0.0000053	0.00464	0.000679	0.0117	0.0131	0.00000532	11.5	0.0000112
2063 Mar	53.6	0.0363	0.0289	0.00178	18.6	0.0307	6.07	0.00105	0.00105	0.0000053	0.00464	0.000679	0.0117	0.0131	0.00000532	11.5	0.0000112
2063 Apr	53.6	0.0363	0.0289	0.00178	18.6	0.0307	6.07	0.00105	0.00105	0.0000053	0.00464	0.000679	0.0118	0.0131	0.00000532	11.6	0.0000112
2063 May	53.7	0.0364	0.0289	0.00178	18.6	0.0307	6.08	0.00105	0.00105	0.00000531	0.00465	0.000682	0.0118	0.0131	0.00000533	11.6	0.0000112
2063 Jun	53.2	0.0361	0.0284	0.00174	18.3	0.0302	5.99	0.00103	0.00103	0.00000524	0.00463	0.000684	0.0116	0.0132	0.00000526	11.6	0.0000112
2063 Jul	53.2	0.0361	0.0283	0.00174	18.3	0.0302	5.98	0.00103	0.00103	0.00000524	0.00464	0.000685	0.0116	0.0132	0.00000526	11.6	0.0000113
2063 Aug	53.5	0.0363	0.0285	0.00175	18.4	0.0304	6.01	0.00104	0.00104	0.00000527	0.00466	0.000689	0.0116	0.0133	0.00000529	11.7	0.0000113
2063 Sep	53.5	0.0363	0.0285	0.00175	18.4	0.0304	6.02	0.00104	0.00104	0.00000527	0.00467	0.00069	0.0116	0.0133	0.00000529	11.7	0.0000113
2063 Oct	53.4	0.0363	0.0284	0.00175	18.4	0.0304	6.01	0.00104	0.00104	0.00000526	0.00466	0.000689	0.0116	0.0133	0.00000528	11.7	0.0000113
2063 Nov	53.4	0.0364	0.0284	0.00175	18.4	0.0304	6.01	0.00104	0.00104	0.00000526	0.00466	0.000689	0.0116	0.0133	0.00000528	11.7	0.0000113
2063 Dec	53.4	0.0364	0.0284	0.00175	18.4	0.0304	6.01	0.00104	0.00104	0.00000526	0.00466	0.00069	0.0116	0.0133	0.00000528	11.7	0.0000113
2064 Jan	53.4	0.0364	0.0284	0.00175	18.4	0.0304	6.01	0.00104	0.00104	0.00000526	0.00466	0.00069	0.0116	0.0133	0.00000528	11.7	0.0000113
2064 Feb	53.4	0.0364	0.0284	0.00175	18.4	0.0304	6.01	0.00104	0.00104	0.00000526	0.00467	0.00069	0.0116	0.0133	0.00000528	11.7	0.0000113
2064 Mar	53.5	0.0364	0.0284	0.00175	18.4	0.0304	6.01	0.00104	0.00104	0.00000526	0.00467	0.00069	0.0116	0.0133	0.00000529	11.7	0.0000113

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2064 Apr	53.5	0.0364	0.0284	0.00175	18.4	0.0304	6.01	0.00104	0.00104	0.00000527	0.00467	0.00069	0.0116	0.0133	0.00000529	11.7	0.0000113
2064 May	53.5	0.0365	0.0284	0.00175	18.4	0.0304	6.02	0.00104	0.00104	0.00000527	0.00467	0.000693	0.0116	0.0133	0.00000529	11.8	0.0000113
2064 Jun	53.3	0.0364	0.0281	0.00173	18.2	0.03	5.96	0.00103	0.00103	0.00000522	0.00466	0.000696	0.0115	0.0134	0.00000524	11.8	0.0000113
2064 Jul	53.5	0.0365	0.0282	0.00173	18.3	0.0302	5.99	0.00103	0.00103	0.00000524	0.00468	0.000699	0.0116	0.0135	0.00000526	11.9	0.0000114
2064 Aug	53.7	0.0366	0.0282	0.00174	18.3	0.0302	6	0.00104	0.00104	0.00000526	0.00469	0.000701	0.0116	0.0135	0.00000528	11.9	0.0000114
2064 Sep	53.6	0.0366	0.0281	0.00173	18.3	0.0302	5.99	0.00104	0.00104	0.00000525	0.00469	0.000701	0.0116	0.0135	0.00000527	11.9	0.0000114
2064 Oct	53.6	0.0366	0.0281	0.00173	18.3	0.0302	5.99	0.00104	0.00104	0.00000525	0.00469	0.000702	0.0116	0.0135	0.00000527	11.9	0.0000114
2064 Nov	53.6	0.0367	0.0281	0.00173	18.3	0.0303	5.99	0.00104	0.00104	0.00000525	0.0047	0.000702	0.0116	0.0135	0.00000527	11.9	0.0000114
2064 Dec	53.6	0.0367	0.0281	0.00173	18.3	0.0303	5.99	0.00104	0.00104	0.00000525	0.0047	0.000702	0.0116	0.0135	0.00000527	11.9	0.0000114
2065 Jan	53.6	0.0367	0.0281	0.00173	18.3	0.0303	5.99	0.00104	0.00104	0.00000525	0.0047	0.000702	0.0116	0.0135	0.00000527	11.9	0.0000114
2065 Feb	53.6	0.0367	0.0281	0.00173	18.3	0.0303	5.99	0.00104	0.00104	0.00000525	0.0047	0.000702	0.0116	0.0135	0.00000527	11.9	0.0000114
2065 Mar	53.6	0.0367	0.0282	0.00173	18.3	0.0303	5.99	0.00104	0.00104	0.00000525	0.0047	0.000702	0.0116	0.0135	0.00000527	11.9	0.0000114
2065 Apr	53.7	0.0367	0.0282	0.00174	18.3	0.0303	6	0.00104	0.00104	0.00000526	0.0047	0.000703	0.0116	0.0135	0.00000528	11.9	0.0000114
2065 May	53.8	0.0368	0.0282	0.00174	18.4	0.0303	6.01	0.00104	0.00104	0.00000526	0.00471	0.000705	0.0116	0.0136	0.00000528	12	0.0000115
2065 Jun	53.6	0.0367	0.0279	0.00172	18.2	0.03	5.96	0.00103	0.00103	0.00000523	0.0047	0.000708	0.0115	0.0137	0.00000525	12	0.0000115
2065 Jul	53.9	0.0369	0.0281	0.00173	18.3	0.0302	6	0.00104	0.00104	0.00000526	0.00473	0.000712	0.0116	0.0137	0.00000528	12.1	0.0000115
2065 Aug	54.2	0.0371	0.0282	0.00174	18.4	0.0304	6.03	0.00104	0.00104	0.00000529	0.00476	0.000716	0.0116	0.0138	0.00000531	12.1	0.0000116
2065 Sep	54	0.0371	0.0281	0.00173	18.4	0.0303	6.01	0.00104	0.00104	0.00000527	0.00475	0.000715	0.0116	0.0138	0.00000529	12.1	0.0000116
2065 Oct	53.8	0.0371	0.0279	0.00172	18.2	0.0302	5.98	0.00104	0.00104	0.00000524	0.00474	0.000713	0.0115	0.0137	0.00000526	12.1	0.0000115
2065 Nov	53.7	0.0371	0.0278	0.00172	18.2	0.0302	5.97	0.00104	0.00104	0.00000524	0.00474	0.000713	0.0115	0.0137	0.00000526	12.1	0.0000115
2065 Dec	53.7	0.0371	0.0278	0.00172	18.2	0.0302	5.97	0.00104	0.00104	0.00000524	0.00474	0.000713	0.0115	0.0137	0.00000526	12.1	0.0000115
2066 Jan	53.7	0.0371	0.0278	0.00172	18.2	0.0302	5.97	0.00104	0.00104	0.00000524	0.00474	0.000713	0.0115	0.0137	0.00000526	12.1	0.0000115
2066 Feb	53.7	0.0371	0.0278	0.00172	18.2	0.0302	5.97	0.00104	0.00104	0.00000524	0.00474	0.000713	0.0115	0.0137	0.00000526	12.1	0.0000115
2066 Mar	53.8	0.0372	0.0278	0.00172	18.2	0.0302	5.97	0.00104	0.00104	0.00000524	0.00474	0.000713	0.0115	0.0137	0.00000526	12.1	0.0000115
2066 Apr	53.8	0.0372	0.0279	0.00172	18.3	0.0302	5.98	0.00104	0.00104	0.00000525	0.00474	0.000714	0.0115	0.0137	0.00000527	12.1	0.0000115
2066 May	53.9	0.0372	0.0279	0.00172	18.3	0.0303	5.98	0.00104	0.00104	0.00000525	0.00475	0.000715	0.0116	0.0138	0.00000527	12.1	0.0000116
2066 Jun	53.5	0.037	0.0275	0.0017	18.1	0.03	5.93	0.00103	0.00103	0.00000521	0.00474	0.000716	0.0115	0.0138	0.00000523	12.1	0.0000116
2066 Jul	53.8	0.0372	0.0277	0.00171	18.2	0.0301	5.96	0.00104	0.00104	0.00000525	0.00477	0.000721	0.0115	0.0139	0.00000527	12.2	0.0000117
2066 Aug	54.1	0.0374	0.0278	0.00172	18.3	0.0303	5.99	0.00104	0.00104	0.00000527	0.0048	0.000725	0.0116	0.0139	0.00000529	12.2	0.0000117
2066 Sep	54.1	0.0374	0.0278	0.00172	18.3	0.0303	5.99	0.00104	0.00104	0.00000528	0.0048	0.000725	0.0116	0.014	0.0000053	12.2	0.0000117
2066 Oct	54	0.0375	0.0277	0.00172	18.2	0.0303	5.98	0.00104	0.00104	0.00000527	0.0048	0.000725	0.0116	0.0139	0.00000529	12.2	0.0000117
2066 Nov	54	0.0375	0.0277	0.00172	18.2	0.0303	5.98	0.00104	0.00104	0.00000527	0.0048	0.000724	0.0116	0.0139	0.00000529	12.2	0.0000117
2066 Dec	54	0.0375	0.0277	0.00172	18.2	0.0303	5.98	0.00104	0.00104	0.00000527	0.0048	0.000725	0.0116	0.0139	0.00000529	12.2	0.0000117
2067 Jan	54	0.0375	0.0277	0.00172	18.2	0.0303	5.98	0.00104	0.00104	0.00000527	0.0048	0.000725	0.0116	0.0139	0.00000529	12.2	0.0000117
2067 Feb	54	0.0375	0.0277	0.00172	18.2	0.0303	5.98	0.00104	0.00104	0.00000527	0.0048	0.000725	0.0116	0.0139	0.00000529	12.2	0.0000117
2067 Mar	54	0.0375	0.0277	0.00172	18.2	0.0303	5.98	0.00104	0.00104	0.00000527	0.0048	0.000725	0.0116	0.0139	0.00000529	12.2	0.0000117
2067 Apr	54.1	0.0375	0.0277	0.00172	18.2	0.0303	5.98	0.00104	0.00104	0.00000527	0.0048	0.000725	0.0116	0.0139	0.00000529	12.2	0.0000117
2067 May	54.2	0.0376	0.0278	0.00172	18.3	0.0304	5.99	0.00104	0.00104	0.00000528	0.00481	0.000727	0.0116	0.014	0.0000053	12.3	0.0000118
2067 Jun	54.1	0.0376	0.0276	0.00171	18.2	0.0302	5.96	0.00104	0.00104	0.00000525	0.00481	0.00073	0.0115	0.0141	0.00000527	12.3	0.0000118
2067 Jul	54.4	0.0378	0.0277	0.00172	18.3	0.0304	6	0.00104	0.00104	0.00000529	0.00484	0.000735	0.0116	0.0142	0.00000531	12.4	0.0000119
2067 Aug	54.6	0.0379	0.0278	0.00172	18.3	0.0305	6.02	0.00105	0.00105	0.00000531	0.00486	0.000738	0.0116	0.0142	0.00000532	12.4	0.0000119
2067 Sep	54.7	0.038	0.0278	0.00172	18.4	0.0305	6.02	0.00105	0.00105	0.00000531	0.00486	0.000739	0.0117	0.0142	0.00000533	12.5	0.0000119
2067 Oct	54.5	0.038	0.0277	0.00172	18.3	0.0305	6	0.00105	0.00105	0.0000053	0.00486	0.000738	0.0116	0.0142	0.00000531	12.4	0.0000119
2067 Nov	54.5	0.038	0.0277	0.00172	18.3	0.0304	6	0.00105	0.00105	0.00000529	0.00486	0.000738	0.0116	0.0142	0.00000531	12.4	0.0000119
2067 Dec	54.5	0.038	0.0277	0.00172	18.3	0.0305	6	0.00105	0.00105	0.00000529	0.00486	0.000738	0.0116	0.0142	0.00000531	12.4	0.0000119
2068 Jan	54.5	0.038	0.0277	0.00172	18.3	0.0305	6	0.00105	0.00105	0.00000529	0.00486	0.000738	0.0116	0.0142	0.00000531	12.4	0.0000119
2068 Feb	54.5	0.038	0.0277	0.00172	18.3	0.0305	6	0.00105	0.00105	0.00000529	0.00486	0.000738	0.0116	0.0142	0.00000531	12.4	0.0000119
2068 Mar	54.5	0.038	0.0277	0.00172	18.3	0.0305	6	0.00105	0.00105	0.0000053	0.00486	0.000738	0.0116	0.0142	0.00000532	12.4	0.0000119
2068 Apr	54.6	0.0381	0.0277	0.00172	18.3	0.0305	6.01	0.00105	0.00105	0.0000053	0.00486	0.000739	0.0116	0.0142	0.00000532	12.4	0.0000119
2068 May	54.7	0.0382	0.0277	0.00172	18.3	0.0305	6.02	0.00105	0.00105	0.00000531	0.00487	0.000741	0.0116	0.0143	0.00000532	12.5	0.0000119
2068 Jun	54.2	0.0379	0.0273	0.00169	18.1	0.03	5.94	0.00103	0.00103	0.00000524	0.00484	0.000742	0.0115	0.0143	0.00000526	12.5	0.0000119
2068 Jul	54.4	0.038	0.0273	0.0017	18.1	0.0302	5.96	0.00104	0.00104	0.00000526	0.00486	0.000745	0.0115	0.0144	0.00000528	12.5	0.0000119
2068 Aug	54.7	0.0382	0.0275	0.00171	18.3	0.0303	5.99	0.00105	0.00105	0.00000529	0.00489	0.00075	0.0116	0.0144	0.00000531	12.6	0.000012
2068 Sep	54.8	0.0383	0.0275	0.00171	18.3	0.0304	5.99	0.00105	0.00105	0.00000529	0.0049	0.000751	0.0116	0.0145	0.00000531	12.6	0.000012
2068 Oct	54.8	0.0384	0.0275	0.00171	18.3	0.0304	6	0.00105	0.00105	0.00000529	0.0049	0.000751	0.0116	0.0145	0.00000531	12.6	0.000012
2068 Nov	54.8	0.0384	0.0275	0.00171	18.3	0.0304	6	0.00105	0.00105	0.0000053	0.0049	0.000751	0.0116	0.0145	0.00000532	12.6	0.000012
2068 Dec	54.8	0.0384	0.0275	0.00171	18.3	0.0304	6	0.00105	0.00105	0.0000053	0.0049	0.000752	0.0116	0.0145	0.00000532	12.6	0.000012
2069 Jan	54.8	0.0384	0.0275	0.00171	18.3	0.0304	6	0.00105	0.00105	0.0000053	0.0049	0.000752	0.0116	0.0145	0.00000532	12.6	0.000012
2069 Feb	54.8	0.0384	0.0275	0.00171	18.3	0.0304	6	0.00105	0.00105	0.0000053	0.0049	0.000752	0.0116	0.0145	0.00000532	12.6	0.000012
2069 Mar	54.8	0.0384	0.0275	0.00171	18.3	0.0304	6	0.00105	0.00105	0.0000053	0.0049	0.000752	0.0116	0.0145	0.00000532	12.6	0.000012
2069 Apr	54.8	0.0384	0.0275	0.00171	18.3	0.0304	6	0.00105	0.00105	0.0000053	0.00491	0.000752	0.0116	0.0145	0.00000532	12.6	0.000012

Appendix C.3-1: WN Closure

Constituents	**Total Dissolved Solids**	**Ammonia-N**	**Nitrate-N**	**Nitrite-N**	**Chloride**	**Fluoride**	**Sulphate**	**Total Cyanide**	**Weakly Acid Dissociable Cyanide**	**Silver**	**Aluminum**	**Arsenic**	**Boron**	**Barium**	**Beryllium**	**Calcium**	**Cadmium**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2069 May	54.9	0.0385	0.0276	0.00171	18.3	0.0305	6.01	0.00105	0.00105	0.00000531	0.00492	0.000753	0.0116	0.0145	0.00000533	12.7	0.0000121
2069 Jun	54.7	0.0383	0.0273	0.0017	18.2	0.0303	5.97	0.00104	0.00104	0.00000529	0.00492	0.000754	0.0116	0.0145	0.0000053	12.7	0.0000121
2069 Jul	54.9	0.0384	0.0274	0.0017	18.2	0.0304	5.99	0.00105	0.00105	0.00000531	0.00494	0.000758	0.0116	0.0146	0.00000533	12.7	0.0000121
2069 Aug	55.1	0.0386	0.0275	0.00171	18.3	0.0305	6.01	0.00105	0.00105	0.00000533	0.00496	0.000761	0.0116	0.0146	0.00000535	12.8	0.0000122
2069 Sep	55	0.0385	0.0274	0.0017	18.2	0.0305	5.99	0.00105	0.00105	0.00000531	0.00495	0.00076	0.0116	0.0146	0.00000533	12.7	0.0000122
2069 Oct	54.7	0.0386	0.0272	0.00169	18.1	0.0304	5.96	0.00105	0.00105	0.00000529	0.00494	0.000758	0.0116	0.0145	0.00000531	12.7	0.0000121
2069 Nov	54.7	0.0386	0.0272	0.00169	18.1	0.0304	5.96	0.00104	0.00104	0.00000529	0.00494	0.000758	0.0116	0.0145	0.00000531	12.7	0.0000121
2069 Dec	54.7	0.0386	0.0272	0.00169	18.1	0.0304	5.96	0.00105	0.00105	0.00000529	0.00494	0.000758	0.0116	0.0145	0.00000531	12.7	0.0000121
2070 Jan	54.7	0.0386	0.0272	0.00169	18.1	0.0304	5.96	0.00105	0.00105	0.00000529	0.00494	0.000758	0.0116	0.0145	0.00000531	12.7	0.0000121
2070 Feb	54.7	0.0386	0.0272	0.00169	18.1	0.0304	5.96	0.00105	0.00105	0.00000529	0.00494	0.000758	0.0116	0.0145	0.00000531	12.7	0.0000121
2070 Mar	54.7	0.0386	0.0272	0.00169	18.1	0.0304	5.96	0.00105	0.00105	0.00000529	0.00494	0.000758	0.0116	0.0145	0.00000531	12.7	0.0000121
2070 Apr	54.7	0.0386	0.0272	0.00169	18.1	0.0304	5.97	0.00105	0.00105	0.00000529	0.00495	0.000758	0.0116	0.0146	0.00000531	12.7	0.0000121
2070 May	54.8	0.0387	0.0272	0.0017	18.2	0.0304	5.97	0.00105	0.00105	0.0000053	0.00496	0.000761	0.0116	0.0146	0.00000532	12.8	0.0000122
2070 Jun	54.8	0.0387	0.0271	0.00168	18.1	0.0302	5.95	0.00104	0.00104	0.00000528	0.00495	0.000764	0.0115	0.0147	0.0000053	12.8	0.0000122
2070 Jul	55.1	0.0389	0.0272	0.00169	18.2	0.0304	5.98	0.00105	0.00105	0.0000053	0.00498	0.000768	0.0116	0.0148	0.00000532	12.9	0.0000122
2070 Aug	55.3	0.0391	0.0273	0.0017	18.3	0.0305	6.01	0.00105	0.00105	0.00000533	0.005	0.000772	0.0116	0.0148	0.00000535	12.9	0.0000123
2070 Sep	55.2	0.0391	0.0272	0.00169	18.2	0.0305	5.99	0.00105	0.00105	0.00000532	0.005	0.000771	0.0116	0.0148	0.00000533	12.9	0.0000123
2070 Oct	55	0.0391	0.0271	0.00169	18.2	0.0304	5.97	0.00105	0.00105	0.0000053	0.00499	0.00077	0.0116	0.0148	0.00000532	12.9	0.0000123
2070 Nov	55	0.0391	0.0271	0.00169	18.1	0.0304	5.97	0.00105	0.00105	0.0000053	0.00499	0.00077	0.0116	0.0148	0.00000532	12.9	0.0000123
2070 Dec	55	0.0391	0.0271	0.00169	18.2	0.0304	5.97	0.00105	0.00105	0.0000053	0.00499	0.00077	0.0116	0.0148	0.00000532	12.9	0.0000123
2071 Jan	55	0.0391	0.0271	0.00169	18.2	0.0304	5.97	0.00105	0.00105	0.0000053	0.00499	0.00077	0.0116	0.0148	0.00000532	12.9	0.0000123
2071 Feb	55	0.0391	0.0271	0.00169	18.2	0.0304	5.97	0.00105	0.00105	0.0000053	0.00499	0.00077	0.0116	0.0148	0.00000532	12.9	0.0000123
2071 Mar	55	0.0391	0.0271	0.00169	18.2	0.0304	5.97	0.00105	0.00105	0.0000053	0.00499	0.00077	0.0116	0.0148	0.00000532	12.9	0.0000123
2071 Apr	55	0.0392	0.0271	0.00169	18.2	0.0304	5.97	0.00105	0.00105	0.0000053	0.00499	0.00077	0.0116	0.0148	0.00000532	12.9	0.0000123
2071 May	55.1	0.0392	0.0271	0.00169	18.2	0.0304	5.98	0.00105	0.00105	0.0000053	0.005	0.000772	0.0116	0.0148	0.00000532	12.9	0.0000123
2071 Jun	54.9	0.0391	0.0268	0.00167	18	0.0302	5.93	0.00104	0.00104	0.00000526	0.00498	0.000774	0.0115	0.0149	0.00000528	13	0.0000123
2071 Jul	55	0.0392	0.0268	0.00167	18.1	0.0302	5.95	0.00104	0.00104	0.00000528	0.005	0.000777	0.0115	0.0149	0.0000053	13	0.0000123
2071 Aug	55.3	0.0394	0.027	0.00168	18.1	0.0304	5.97	0.00105	0.00105	0.00000531	0.00503	0.00078	0.0116	0.015	0.00000532	13.1	0.0000124
2071 Sep	55.2	0.0394	0.0269	0.00168	18.1	0.0304	5.96	0.00105	0.00105	0.0000053	0.00502	0.00078	0.0115	0.015	0.00000532	13	0.0000124
2071 Oct	55.1	0.0394	0.0268	0.00168	18.1	0.0303	5.95	0.00105	0.00105	0.00000529	0.00502	0.000779	0.0115	0.015	0.00000531	13	0.0000123
2071 Nov	55.1	0.0394	0.0268	0.00167	18.1	0.0303	5.95	0.00105	0.00105	0.00000529	0.00502	0.000779	0.0115	0.015	0.00000531	13	0.0000123
2071 Dec	55.1	0.0394	0.0268	0.00167	18.1	0.0303	5.95	0.00105	0.00105	0.00000529	0.00502	0.000779	0.0115	0.015	0.00000531	13	0.0000123
2072 Jan	55.1	0.0394	0.0268	0.00167	18.1	0.0303	5.95	0.00105	0.00105	0.00000529	0.00502	0.000779	0.0115	0.015	0.00000531	13	0.0000123
2072 Feb	55.1	0.0394	0.0268	0.00167	18.1	0.0303	5.95	0.00105	0.00105	0.00000529	0.00502	0.000779	0.0115	0.015	0.00000531	13	0.0000123
2072 Mar	55.1	0.0394	0.0268	0.00167	18.1	0.0303	5.95	0.00105	0.00105	0.00000529	0.00502	0.000779	0.0115	0.015	0.00000531	13	0.0000123
2072 Apr	55.1	0.0395	0.0268	0.00168	18.1	0.0303	5.96	0.00105	0.00105	0.00000529	0.00502	0.00078	0.0115	0.015	0.00000531	13	0.0000124
2072 May	55.2	0.0395	0.0269	0.00168	18.1	0.0304	5.97	0.00105	0.00105	0.0000053	0.00503	0.000781	0.0116	0.015	0.00000532	13.1	0.0000124
2072 Jun	55.1	0.0394	0.0267	0.00167	18	0.0303	5.94	0.00105	0.00105	0.00000529	0.00504	0.000781	0.0115	0.015	0.00000531	13	0.0000124
2072 Jul	55.2	0.0394	0.0267	0.00167	18	0.0304	5.95	0.00105	0.00105	0.0000053	0.00505	0.000784	0.0115	0.015	0.00000532	13.1	0.0000125
2072 Aug	55.2	0.0394	0.0267	0.00167	18	0.0304	5.94	0.00105	0.00105	0.0000053	0.00506	0.000785	0.0115	0.015	0.00000532	13.1	0.0000124
2072 Sep	55.1	0.0394	0.0266	0.00167	18	0.0304	5.93	0.00105	0.00105	0.00000529	0.00506	0.000784	0.0115	0.015	0.00000531	13.1	0.0000124
2072 Oct	54.9	0.0395	0.0265	0.00166	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00505	0.000783	0.0115	0.015	0.00000529	13	0.0000124
2072 Nov	54.9	0.0395	0.0264	0.00166	17.9	0.0303	5.9	0.00104	0.00104	0.00000528	0.00505	0.000783	0.0115	0.015	0.00000529	13	0.0000124
2072 Dec	54.9	0.0395	0.0264	0.00166	17.9	0.0303	5.9	0.00104	0.00104	0.00000528	0.00505	0.000783	0.0115	0.015	0.00000529	13	0.0000124
2073 Jan	54.9	0.0395	0.0264	0.00166	17.9	0.0303	5.9	0.00104	0.00104	0.00000528	0.00505	0.000783	0.0115	0.015	0.00000529	13	0.0000124
2073 Feb	54.9	0.0395	0.0264	0.00166	17.9	0.0303	5.9	0.00104	0.00104	0.00000528	0.00505	0.000783	0.0115	0.015	0.00000529	13	0.0000124
2073 Mar	54.9	0.0395	0.0264	0.00166	17.9	0.0303	5.9	0.00104	0.00104	0.00000528	0.00505	0.000783	0.0115	0.015	0.00000529	13	0.0000124
2073 Apr	54.9	0.0395	0.0265	0.00166	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00505	0.000784	0.0115	0.015	0.0000053	13.1	0.0000124
2073 May	55	0.0396	0.0265	0.00166	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00506	0.000786	0.0115	0.0151	0.0000053	13.1	0.0000124
2073 Jun	54.9	0.0396	0.0263	0.00165	17.8	0.0301	5.89	0.00104	0.00104	0.00000526	0.00505	0.000789	0.0114	0.0151	0.00000527	13.2	0.0000124
2073 Jul	55.1	0.0397	0.0263	0.00165	17.9	0.0302	5.9	0.00104	0.00104	0.00000527	0.00507	0.000792	0.0115	0.0152	0.00000529	13.2	0.0000125
2073 Aug	55.3	0.0398	0.0264	0.00166	18	0.0304	5.93	0.00105	0.00105	0.00000529	0.00509	0.000795	0.0115	0.0152	0.00000531	13.2	0.0000125
2073 Sep	55.3	0.0398	0.0264	0.00166	17.9	0.0304	5.92	0.00105	0.00105	0.00000529	0.00509	0.000795	0.0115	0.0152	0.00000531	13.2	0.0000125
2073 Oct	55.1	0.0399	0.0263	0.00165	17.9	0.0303	5.9	0.00104	0.00104	0.00000528	0.00508	0.000794	0.0115	0.0152	0.00000529	13.2	0.0000125
2073 Nov	55.1	0.0399	0.0263	0.00165	17.9	0.0303	5.9	0.00104	0.00104	0.00000527	0.00508	0.000794	0.0115	0.0152	0.00000529	13.2	0.0000125
2073 Dec	55.1	0.0399	0.0263	0.00165	17.9	0.0303	5.9	0.00104	0.00104	0.00000527	0.00508	0.000794	0.0115	0.0152	0.00000529	13.2	0.0000125
2074 Jan	55.1	0.0399	0.0263	0.00165	17.9	0.0303	5.9	0.00104	0.00104	0.00000527	0.00508	0.000794	0.0115	0.0152	0.00000529	13.2	0.0000125
2074 Feb	55.1	0.0399	0.0263	0.00165	17.9	0.0303	5.9	0.00104	0.00104	0.00000528	0.00508	0.000794	0.0115	0.0152	0.00000529	13.2	0.0000125
2074 Mar	55.1	0.0399	0.0263	0.00165	17.9	0.0303	5.9	0.00104	0.00104	0.00000528	0.00508	0.000794	0.0115	0.0152	0.00000529	13.2	0.0000125
2074 Apr	55.1	0.0399	0.0263	0.00165	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00509	0.000794	0.0115	0.0152	0.0000053	13.2	0.0000125
2074 May	55.3	0.04	0.0263	0.00165	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00509	0.000798	0.0115	0.0153	0.0000053	13.3	0.0000125

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2074 Jun	55	0.0399	0.026	0.00163	17.8	0.03	5.86	0.00104	0.00104	0.00000523	0.00507	0.000799	0.0114	0.0153	0.00000525	13.3	0.0000125
2074 Jul	55.3	0.0401	0.0261	0.00164	17.8	0.0301	5.89	0.00104	0.00104	0.00000526	0.0051	0.000804	0.0114	0.0154	0.00000528	13.4	0.0000126
2074 Aug	55.6	0.0403	0.0263	0.00165	18	0.0303	5.93	0.00105	0.00105	0.0000053	0.00513	0.000809	0.0115	0.0155	0.00000531	13.5	0.0000127
2074 Sep	55.5	0.0403	0.0262	0.00165	17.9	0.0303	5.92	0.00105	0.00105	0.00000529	0.00513	0.000808	0.0115	0.0155	0.0000053	13.5	0.0000126
2074 Oct	55.5	0.0404	0.0261	0.00164	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00513	0.000807	0.0115	0.0155	0.0000053	13.4	0.0000126
2074 Nov	55.5	0.0404	0.0261	0.00164	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00513	0.000808	0.0115	0.0155	0.0000053	13.4	0.0000126
2074 Dec	55.5	0.0404	0.0261	0.00164	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00513	0.000808	0.0115	0.0155	0.0000053	13.4	0.0000126
2075 Jan	55.5	0.0404	0.0261	0.00164	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00513	0.000808	0.0115	0.0155	0.0000053	13.4	0.0000126
2075 Feb	55.5	0.0404	0.0261	0.00164	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00513	0.000808	0.0115	0.0155	0.0000053	13.4	0.0000126
2075 Mar	55.5	0.0404	0.0261	0.00164	17.9	0.0303	5.91	0.00104	0.00104	0.00000528	0.00513	0.000808	0.0115	0.0155	0.0000053	13.4	0.0000126
2075 Apr	55.5	0.0404	0.0262	0.00164	17.9	0.0303	5.91	0.00105	0.00105	0.00000528	0.00513	0.000808	0.0115	0.0155	0.0000053	13.5	0.0000126
2075 May	55.6	0.0405	0.0262	0.00165	17.9	0.0303	5.92	0.00105	0.00105	0.00000529	0.00514	0.00081	0.0115	0.0155	0.00000531	13.5	0.0000127
2075 Jun	55.2	0.0402	0.0259	0.00163	17.8	0.0301	5.87	0.00104	0.00104	0.00000526	0.00513	0.000807	0.0114	0.0155	0.00000528	13.4	0.0000127
2075 Jul	55.2	0.0401	0.0259	0.00163	17.7	0.0301	5.86	0.00104	0.00104	0.00000527	0.00514	0.000809	0.0114	0.0155	0.00000528	13.4	0.0000127
2075 Aug	55.4	0.0403	0.0259	0.00164	17.8	0.0302	5.88	0.00105	0.00105	0.00000528	0.00516	0.000812	0.0115	0.0155	0.0000053	13.5	0.0000127
2075 Sep	55.5	0.0403	0.026	0.00164	17.8	0.0303	5.89	0.00105	0.00105	0.00000529	0.00517	0.000813	0.0115	0.0155	0.00000531	13.5	0.0000128
2075 Oct	55.5	0.0404	0.0259	0.00164	17.8	0.0303	5.88	0.00105	0.00105	0.00000529	0.00517	0.000813	0.0115	0.0155	0.00000531	13.5	0.0000128
2075 Nov	55.5	0.0404	0.0259	0.00164	17.8	0.0303	5.89	0.00105	0.00105	0.00000529	0.00517	0.000813	0.0115	0.0155	0.00000531	13.5	0.0000128
2075 Dec	55.5	0.0404	0.0259	0.00164	17.8	0.0303	5.89	0.00105	0.00105	0.00000529	0.00517	0.000813	0.0115	0.0155	0.00000531	13.5	0.0000128
2076 Jan	55.5	0.0404	0.0259	0.00164	17.8	0.0303	5.89	0.00105	0.00105	0.00000529	0.00517	0.000813	0.0115	0.0155	0.00000531	13.5	0.0000128
2076 Feb	55.5	0.0404	0.0259	0.00164	17.8	0.0303	5.89	0.00105	0.00105	0.00000529	0.00517	0.000813	0.0115	0.0155	0.00000531	13.5	0.0000128
2076 Mar	55.5	0.0404	0.0259	0.00164	17.8	0.0303	5.89	0.00105	0.00105	0.00000529	0.00517	0.000813	0.0115	0.0155	0.00000531	13.5	0.0000128
2076 Apr	55.5	0.0404	0.026	0.00164	17.8	0.0303	5.89	0.00105	0.00105	0.00000529	0.00517	0.000814	0.0115	0.0156	0.00000531	13.5	0.0000128
2076 May	55.6	0.0405	0.026	0.00164	17.8	0.0303	5.9	0.00105	0.00105	0.0000053	0.00518	0.000816	0.0115	0.0156	0.00000532	13.5	0.0000128
2076 Jun	55.4	0.0404	0.0257	0.00162	17.7	0.0301	5.86	0.00104	0.00104	0.00000526	0.00517	0.000818	0.0114	0.0157	0.00000528	13.6	0.0000128
2076 Jul	55.6	0.0405	0.0258	0.00163	17.8	0.0301	5.87	0.00104	0.00104	0.00000528	0.00519	0.000821	0.0114	0.0157	0.0000053	13.6	0.0000128
2076 Aug	55.9	0.0407	0.0259	0.00164	17.8	0.0303	5.9	0.00105	0.00105	0.00000531	0.00521	0.000825	0.0115	0.0158	0.00000532	13.7	0.0000129
2076 Sep	56	0.0408	0.0259	0.00164	17.9	0.0304	5.91	0.00105	0.00105	0.00000531	0.00522	0.000827	0.0115	0.0158	0.00000533	13.7	0.0000129
2076 Oct	55.8	0.0408	0.0259	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.0000053	0.00521	0.000825	0.0115	0.0158	0.00000532	13.7	0.0000129
2076 Nov	55.8	0.0408	0.0258	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.0000053	0.00521	0.000825	0.0115	0.0158	0.00000532	13.7	0.0000129
2076 Dec	55.8	0.0408	0.0259	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.0000053	0.00521	0.000825	0.0115	0.0158	0.00000532	13.7	0.0000129
2077 Jan	55.8	0.0408	0.0259	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.0000053	0.00521	0.000825	0.0115	0.0158	0.00000532	13.7	0.0000129
2077 Feb	55.8	0.0408	0.0259	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.0000053	0.00521	0.000825	0.0115	0.0158	0.00000532	13.7	0.0000129
2077 Mar	55.8	0.0408	0.0259	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.0000053	0.00521	0.000825	0.0115	0.0158	0.00000532	13.7	0.0000129
2077 Apr	55.8	0.0408	0.0259	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.0000053	0.00522	0.000825	0.0115	0.0158	0.00000532	13.7	0.0000129
2077 May	55.9	0.0409	0.0259	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.00000531	0.00522	0.000827	0.0115	0.0158	0.00000532	13.7	0.0000129
2077 Jun	55.7	0.0407	0.0256	0.00162	17.7	0.0301	5.87	0.00104	0.00104	0.00000527	0.00521	0.000828	0.0114	0.0159	0.00000529	13.7	0.0000129
2077 Jul	56	0.0409	0.0258	0.00163	17.8	0.0302	5.89	0.00105	0.00105	0.0000053	0.00524	0.000833	0.0115	0.016	0.00000532	13.8	0.000013
2077 Aug	56.3	0.0411	0.0259	0.00164	17.9	0.0304	5.93	0.00105	0.00105	0.00000533	0.00526	0.000837	0.0115	0.016	0.00000535	13.9	0.0000131
2077 Sep	56.1	0.0411	0.0258	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.00000531	0.00525	0.000835	0.0115	0.016	0.00000533	13.8	0.000013
2077 Oct	56.1	0.0411	0.0257	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.00000531	0.00525	0.000835	0.0115	0.016	0.00000532	13.8	0.000013
2077 Nov	56.1	0.0412	0.0257	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.00000531	0.00525	0.000835	0.0115	0.016	0.00000533	13.8	0.000013
2077 Dec	56.1	0.0412	0.0257	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.00000531	0.00525	0.000835	0.0115	0.016	0.00000533	13.8	0.000013
2078 Jan	56.1	0.0412	0.0257	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.00000531	0.00525	0.000835	0.0115	0.016	0.00000533	13.8	0.000013
2078 Feb	56.1	0.0412	0.0257	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.00000531	0.00525	0.000835	0.0115	0.016	0.00000533	13.8	0.000013
2078 Mar	56.1	0.0412	0.0257	0.00163	17.8	0.0303	5.9	0.00105	0.00105	0.00000531	0.00525	0.000835	0.0115	0.016	0.00000533	13.8	0.000013
2078 Apr	56.1	0.0412	0.0258	0.00163	17.8	0.0304	5.91	0.00105	0.00105	0.00000531	0.00526	0.000836	0.0115	0.016	0.00000533	13.9	0.000013
2078 May	56.2	0.0413	0.0257	0.00162	17.8	0.0303	5.91	0.00105	0.00105	0.00000531	0.00526	0.00084	0.0115	0.0161	0.00000532	13.9	0.0000131
2078 Jun	56	0.0412	0.0255	0.00161	17.7	0.03	5.87	0.00104	0.00104	0.00000527	0.00524	0.00084	0.0114	0.0161	0.00000529	13.9	0.000013
2078 Jul	56.3	0.0414	0.0256	0.00162	17.8	0.0302	5.9	0.00105	0.00105	0.0000053	0.00527	0.000845	0.0114	0.0162	0.00000532	14	0.0000131
2078 Aug	56.5	0.0415	0.0257	0.00162	17.8	0.0303	5.91	0.00105	0.00105	0.00000531	0.00529	0.000848	0.0115	0.0163	0.00000533	14.1	0.0000131
2078 Sep	56.5	0.0416	0.0257	0.00162	17.9	0.0303	5.92	0.00105	0.00105	0.00000532	0.00529	0.000849	0.0115	0.0163	0.00000534	14.1	0.0000131
2078 Oct	56.5	0.0416	0.0256	0.00162	17.8	0.0303	5.91	0.00105	0.00105	0.00000532	0.00529	0.000849	0.0115	0.0163	0.00000533	14.1	0.0000131
2078 Nov	56.5	0.0416	0.0256	0.00162	17.8	0.0303	5.91	0.00105	0.00105	0.00000532	0.00529	0.000849	0.0115	0.0163	0.00000533	14.1	0.0000131
2078 Dec	56.5	0.0416	0.0256	0.00162	17.8	0.0303	5.91	0.00105	0.00105	0.00000532	0.00529	0.000849	0.0115	0.0163	0.00000533	14.1	0.0000131
2079 Jan	56.5	0.0416	0.0256	0.00162	17.8	0.0303	5.91	0.00105	0.00105	0.00000532	0.00529	0.000849	0.0115	0.0163	0.00000533	14.1	0.0000131
2079 Feb	56.5	0.0416	0.0256	0.00162	17.8	0.0303	5.91	0.00105	0.00105	0.00000532	0.00529	0.000849	0.0115	0.0163	0.00000533	14.1	0.0000131
2079 Mar	56.5	0.0416	0.0256	0.00162	17.9	0.0303	5.91	0.00105	0.00105	0.00000532	0.00529	0.000849	0.0115	0.0163	0.00000533	14.1	0.0000131
2079 Apr	56.5	0.0416	0.0257	0.00162	17.9	0.0303	5.92	0.00105	0.00105	0.00000532	0.0053	0.000849	0.0115	0.0163	0.00000534	14.1	0.0000131
2079 May	56.6	0.0417	0.0257	0.00162	17.9	0.0304	5.93	0.00105	0.00105	0.00000533	0.00531	0.000851	0.0115	0.0163	0.00000535	14.1	0.0000132
2079 Jun	56.2	0.0414	0.0254	0.00161	17.7	0.0301	5.87	0.00105	0.00105	0.00000529	0.00529	0.000849	0.0114	0.0163	0.00000531	14.1	0.0000132

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2079 Jul	56.3	0.0414	0.0254	0.00161	17.7	0.0301	5.87	0.00105	0.00105	0.0000053	0.0053	0.000851	0.0114	0.0163	0.00000531	14.1	0.0000132
2079 Aug	56.5	0.0416	0.0255	0.00162	17.8	0.0303	5.9	0.00105	0.00105	0.00000532	0.00533	0.000855	0.0115	0.0164	0.00000534	14.2	0.0000133
2079 Sep	56.5	0.0416	0.0255	0.00161	17.8	0.0303	5.89	0.00105	0.00105	0.00000532	0.00532	0.000855	0.0115	0.0164	0.00000533	14.1	0.0000132
2079 Oct	56.4	0.0416	0.0254	0.00161	17.7	0.0303	5.88	0.00105	0.00105	0.00000531	0.00532	0.000854	0.0114	0.0164	0.00000533	14.1	0.0000132
2079 Nov	56.4	0.0416	0.0254	0.00161	17.7	0.0303	5.88	0.00105	0.00105	0.00000531	0.00532	0.000854	0.0114	0.0164	0.00000533	14.1	0.0000132
2079 Dec	56.4	0.0417	0.0254	0.00161	17.7	0.0302	5.88	0.00105	0.00105	0.00000531	0.00532	0.000854	0.0114	0.0164	0.00000532	14.1	0.0000132
2080 Jan	56.4	0.0417	0.0254	0.00161	17.7	0.0302	5.88	0.00105	0.00105	0.00000531	0.00532	0.000854	0.0114	0.0164	0.00000532	14.1	0.0000132
2080 Feb	56.4	0.0417	0.0254	0.00161	17.7	0.0302	5.88	0.00105	0.00105	0.00000531	0.00532	0.000854	0.0114	0.0164	0.00000532	14.1	0.0000132
2080 Mar	56.4	0.0417	0.0254	0.00161	17.7	0.0302	5.88	0.00105	0.00105	0.00000531	0.00532	0.000854	0.0114	0.0164	0.00000532	14.1	0.0000132
2080 Apr	56.4	0.0417	0.0254	0.00161	17.7	0.0303	5.88	0.00105	0.00105	0.00000531	0.00532	0.000854	0.0114	0.0164	0.00000533	14.1	0.0000132
2080 May	56.5	0.0418	0.0254	0.00161	17.8	0.0303	5.89	0.00105	0.00105	0.00000532	0.00533	0.000856	0.0115	0.0164	0.00000534	14.2	0.0000133
2080 Jun	56.3	0.0415	0.0253	0.0016	17.7	0.0302	5.86	0.00105	0.00105	0.0000053	0.00533	0.000855	0.0114	0.0163	0.00000532	14.1	0.0000133
2080 Jul	56.3	0.0415	0.0252	0.0016	17.6	0.0302	5.85	0.00105	0.00105	0.00000531	0.00534	0.000856	0.0114	0.0164	0.00000532	14.1	0.0000133
2080 Aug	56.4	0.0416	0.0253	0.00161	17.7	0.0303	5.87	0.00105	0.00105	0.00000532	0.00536	0.000859	0.0114	0.0164	0.00000534	14.2	0.0000133
2080 Sep	56.4	0.0416	0.0252	0.00161	17.7	0.0303	5.86	0.00105	0.00105	0.00000532	0.00536	0.000859	0.0114	0.0164	0.00000533	14.2	0.0000133
2080 Oct	56.3	0.0416	0.0252	0.0016	17.6	0.0303	5.86	0.00105	0.00105	0.00000531	0.00536	0.000859	0.0114	0.0164	0.00000533	14.2	0.0000133
2080 Nov	56.3	0.0417	0.0251	0.0016	17.6	0.0303	5.85	0.00105	0.00105	0.00000531	0.00536	0.000858	0.0114	0.0164	0.00000533	14.1	0.0000133
2080 Dec	56.3	0.0417	0.0251	0.0016	17.6	0.0303	5.85	0.00105	0.00105	0.00000531	0.00536	0.000858	0.0114	0.0164	0.00000533	14.1	0.0000133
2081 Jan	56.3	0.0417	0.0251	0.0016	17.6	0.0303	5.85	0.00105	0.00105	0.00000531	0.00536	0.000858	0.0114	0.0164	0.00000533	14.1	0.0000133
2081 Feb	56.3	0.0417	0.0251	0.0016	17.6	0.0303	5.85	0.00105	0.00105	0.00000531	0.00536	0.000858	0.0114	0.0164	0.00000533	14.1	0.0000133
2081 Mar	56.3	0.0417	0.0251	0.0016	17.6	0.0303	5.85	0.00105	0.00105	0.00000531	0.00536	0.000858	0.0114	0.0164	0.00000533	14.1	0.0000133
2081 Apr	56.3	0.0417	0.0252	0.0016	17.6	0.0303	5.85	0.00105	0.00105	0.00000531	0.00536	0.000859	0.0114	0.0164	0.00000533	14.2	0.0000133
2081 May	56.4	0.0418	0.0252	0.0016	17.7	0.0303	5.86	0.00105	0.00105	0.00000532	0.00537	0.000862	0.0114	0.0165	0.00000533	14.2	0.0000134
2081 Jun	56.3	0.0417	0.025	0.00159	17.6	0.0301	5.84	0.00105	0.00105	0.00000529	0.00536	0.000863	0.0114	0.0165	0.00000531	14.2	0.0000133
2081 Jul	56.7	0.042	0.0252	0.0016	17.7	0.0303	5.88	0.00106	0.00106	0.00000533	0.00539	0.000869	0.0115	0.0166	0.00000535	14.3	0.0000134
2081 Aug	57.1	0.0422	0.0253	0.00161	17.8	0.0305	5.91	0.00106	0.00106	0.00000536	0.00543	0.000874	0.0115	0.0167	0.00000538	14.4	0.0000135
2081 Sep	57.1	0.0423	0.0253	0.00161	17.8	0.0305	5.91	0.00106	0.00106	0.00000536	0.00543	0.000875	0.0115	0.0167	0.00000538	14.4	0.0000135
2081 Oct	57.1	0.0423	0.0253	0.00161	17.8	0.0305	5.91	0.00106	0.00106	0.00000536	0.00543	0.000875	0.0115	0.0167	0.00000538	14.4	0.0000135
2081 Nov	57	0.0423	0.0253	0.00161	17.8	0.0305	5.9	0.00106	0.00106	0.00000536	0.00543	0.000874	0.0115	0.0167	0.00000537	14.4	0.0000135
2081 Dec	57	0.0423	0.0253	0.00161	17.8	0.0305	5.9	0.00106	0.00106	0.00000536	0.00543	0.000874	0.0115	0.0167	0.00000537	14.4	0.0000135
2082 Jan	57	0.0423	0.0253	0.00161	17.8	0.0305	5.9	0.00106	0.00106	0.00000536	0.00543	0.000874	0.0115	0.0167	0.00000537	14.4	0.0000135
2082 Feb	57	0.0423	0.0253	0.00161	17.8	0.0305	5.9	0.00106	0.00106	0.00000536	0.00543	0.000874	0.0115	0.0167	0.00000537	14.4	0.0000135
2082 Mar	57	0.0423	0.0253	0.00161	17.8	0.0305	5.91	0.00106	0.00106	0.00000536	0.00543	0.000874	0.0115	0.0167	0.00000537	14.4	0.0000135
2082 Apr	57	0.0423	0.0253	0.00161	17.8	0.0305	5.91	0.00106	0.00106	0.00000536	0.00543	0.000874	0.0115	0.0167	0.00000538	14.4	0.0000135
2082 May	57.1	0.0424	0.0253	0.00161	17.8	0.0306	5.92	0.00106	0.00106	0.00000537	0.00544	0.000876	0.0115	0.0167	0.00000538	14.4	0.0000135
2082 Jun	56.6	0.042	0.025	0.0016	17.6	0.0303	5.85	0.00106	0.00106	0.00000533	0.00542	0.000872	0.0115	0.0166	0.00000535	14.3	0.0000135
2082 Jul	56.5	0.0418	0.0249	0.00159	17.6	0.0302	5.83	0.00105	0.00105	0.00000533	0.00543	0.000871	0.0114	0.0166	0.00000534	14.3	0.0000136
2082 Aug	56.7	0.042	0.025	0.0016	17.6	0.0304	5.86	0.00106	0.00106	0.00000535	0.00545	0.000876	0.0115	0.0167	0.00000537	14.4	0.0000136
2082 Sep	56.8	0.0421	0.025	0.0016	17.6	0.0304	5.86	0.00106	0.00106	0.00000536	0.00546	0.000877	0.0115	0.0167	0.00000537	14.4	0.0000136
2082 Oct	56.6	0.042	0.0249	0.0016	17.6	0.0303	5.84	0.00106	0.00106	0.00000534	0.00545	0.000874	0.0115	0.0166	0.00000535	14.4	0.0000136
2082 Nov	56.6	0.042	0.0249	0.0016	17.6	0.0304	5.84	0.00106	0.00106	0.00000534	0.00545	0.000875	0.0115	0.0166	0.00000536	14.4	0.0000136
2082 Dec	56.6	0.0421	0.0249	0.0016	17.6	0.0304	5.84	0.00106	0.00106	0.00000534	0.00545	0.000875	0.0115	0.0166	0.00000536	14.4	0.0000136
2083 Jan	56.6	0.0421	0.0249	0.0016	17.6	0.0304	5.84	0.00106	0.00106	0.00000534	0.00545	0.000875	0.0115	0.0166	0.00000536	14.4	0.0000136
2083 Feb	56.6	0.0421	0.0249	0.0016	17.6	0.0304	5.84	0.00106	0.00106	0.00000534	0.00545	0.000875	0.0115	0.0166	0.00000536	14.4	0.0000136
2083 Mar	56.6	0.0421	0.0249	0.0016	17.6	0.0304	5.84	0.00106	0.00106	0.00000534	0.00545	0.000875	0.0115	0.0166	0.00000536	14.4	0.0000136
2083 Apr	56.7	0.0421	0.0249	0.0016	17.6	0.0304	5.85	0.00106	0.00106	0.00000534	0.00545	0.000875	0.0115	0.0166	0.00000536	14.4	0.0000136
2083 May	56.8	0.0422	0.0249	0.0016	17.6	0.0304	5.86	0.00106	0.00106	0.00000535	0.00546	0.000878	0.0115	0.0167	0.00000536	14.4	0.0000136
2083 Jun	56.6	0.042	0.0247	0.00158	17.5	0.0301	5.82	0.00105	0.00105	0.00000531	0.00544	0.000879	0.0114	0.0168	0.00000533	14.4	0.0000136
2083 Jul	56.7	0.0421	0.0248	0.00159	17.5	0.0302	5.83	0.00106	0.00106	0.00000533	0.00546	0.000882	0.0114	0.0168	0.00000534	14.5	0.0000137
2083 Aug	56.8	0.0422	0.0248	0.00159	17.6	0.0303	5.84	0.00106	0.00106	0.00000534	0.00547	0.000884	0.0114	0.0168	0.00000536	14.5	0.0000137
2083 Sep	56.8	0.0422	0.0247	0.00159	17.5	0.0303	5.83	0.00106	0.00106	0.00000534	0.00547	0.000884	0.0114	0.0168	0.00000535	14.5	0.0000137
2083 Oct	56.6	0.0422	0.0246	0.00158	17.5	0.0302	5.81	0.00105	0.00105	0.00000532	0.00546	0.000882	0.0114	0.0168	0.00000533	14.5	0.0000136
2083 Nov	56.6	0.0423	0.0246	0.00158	17.5	0.0302	5.81	0.00105	0.00105	0.00000531	0.00546	0.000882	0.0114	0.0168	0.00000533	14.5	0.0000136
2083 Dec	56.6	0.0423	0.0246	0.00158	17.5	0.0302	5.81	0.00105	0.00105	0.00000531	0.00546	0.000882	0.0114	0.0168	0.00000533	14.5	0.0000136
2084 Jan	56.6	0.0423	0.0246	0.00158	17.5	0.0302	5.81	0.00105	0.00105	0.00000531	0.00546	0.000882	0.0114	0.0168	0.00000533	14.5	0.0000136
2084 Feb	56.6	0.0423	0.0246	0.00158	17.5	0.0302	5.81	0.00105	0.00105	0.00000531	0.00546	0.000882	0.0114	0.0168	0.00000533	14.5	0.0000136
2084 Mar	56.6	0.0423	0.0246	0.00158	17.5	0.0302	5.81	0.00105	0.00105	0.00000531	0.00546	0.000882	0.0114	0.0168	0.00000533	14.5	0.0000136
2084 Apr	56.6	0.0423	0.0246	0.00158	17.5	0.0302	5.81	0.00105	0.00105	0.00000532	0.00547	0.000882	0.0114	0.0168	0.00000533	14.5	0.0000136
2084 May	56.8	0.0424	0.0246	0.00158	17.5	0.0302	5.82	0.00105	0.00105	0.00000532	0.00548	0.000886	0.0114	0.0169	0.00000534	14.5	0.0000137
2084 Jun	56.5	0.0422	0.0244	0.00156	17.4	0.03	5.78	0.00105	0.00105	0.00000528	0.00545	0.000885	0.0113	0.0169	0.0000053	14.5	0.0000136
2084 Jul	56.7	0.0424	0.0245	0.00157	17.4	0.0301	5.8	0.00105	0.00105	0.0000053	0.00547	0.000889	0.0113	0.017	0.00000532	14.6	0.0000137

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2084 Aug	56.9	0.0425	0.0246	0.00157	17.5	0.0302	5.82	0.00105	0.00105	0.00000532	0.00549	0.000893	0.0114	0.017	0.00000534	14.6	0.0000137
2084 Sep	56.9	0.0426	0.0245	0.00157	17.5	0.0302	5.82	0.00105	0.00105	0.00000532	0.00549	0.000893	0.0114	0.017	0.00000534	14.6	0.0000137
2084 Oct	56.8	0.0426	0.0245	0.00157	17.4	0.0302	5.81	0.00105	0.00105	0.00000531	0.00549	0.000891	0.0114	0.017	0.00000533	14.6	0.0000137
2084 Nov	56.8	0.0426	0.0244	0.00157	17.4	0.0301	5.8	0.00105	0.00105	0.00000531	0.00549	0.000891	0.0114	0.017	0.00000532	14.6	0.0000137
2084 Dec	56.8	0.0426	0.0244	0.00157	17.4	0.0302	5.8	0.00105	0.00105	0.00000531	0.00549	0.000891	0.0114	0.017	0.00000532	14.6	0.0000137
2085 Jan	56.8	0.0426	0.0244	0.00157	17.4	0.0302	5.8	0.00105	0.00105	0.00000531	0.00549	0.000891	0.0114	0.017	0.00000532	14.6	0.0000137
2085 Feb	56.8	0.0426	0.0244	0.00157	17.4	0.0302	5.8	0.00105	0.00105	0.00000531	0.00549	0.000891	0.0114	0.017	0.00000532	14.6	0.0000137
2085 Mar	56.8	0.0426	0.0244	0.00157	17.4	0.0302	5.8	0.00105	0.00105	0.00000531	0.00549	0.000891	0.0114	0.017	0.00000532	14.6	0.0000137
2085 Apr	56.8	0.0426	0.0244	0.00157	17.4	0.0302	5.81	0.00105	0.00105	0.00000531	0.00549	0.000891	0.0114	0.017	0.00000533	14.6	0.0000137
2085 May	56.9	0.0427	0.0244	0.00157	17.5	0.0302	5.81	0.00105	0.00105	0.00000531	0.0055	0.000894	0.0114	0.0171	0.00000533	14.7	0.0000137
2085 Jun	56.9	0.0427	0.0244	0.00156	17.4	0.0301	5.8	0.00105	0.00105	0.0000053	0.00549	0.000896	0.0113	0.0171	0.00000532	14.7	0.0000138
2085 Jul	57.2	0.0429	0.0245	0.00157	17.5	0.0302	5.83	0.00106	0.00106	0.00000533	0.00552	0.000901	0.0114	0.0172	0.00000535	14.8	0.0000138
2085 Aug	57.2	0.0429	0.0245	0.00157	17.5	0.0303	5.83	0.00106	0.00106	0.00000533	0.00553	0.000902	0.0114	0.0172	0.00000535	14.8	0.0000138
2085 Sep	57.1	0.0429	0.0244	0.00157	17.5	0.0302	5.82	0.00105	0.00105	0.00000532	0.00552	0.000901	0.0114	0.0172	0.00000534	14.8	0.0000138
2085 Oct	57	0.0429	0.0243	0.00156	17.4	0.0302	5.81	0.00105	0.00105	0.00000531	0.00551	0.0009	0.0114	0.0172	0.00000533	14.8	0.0000138
2085 Nov	56.9	0.0429	0.0243	0.00156	17.4	0.0302	5.8	0.00105	0.00105	0.00000531	0.00551	0.000899	0.0113	0.0171	0.00000532	14.7	0.0000138
2085 Dec	56.9	0.0429	0.0243	0.00156	17.4	0.0302	5.8	0.00105	0.00105	0.00000531	0.00551	0.000899	0.0113	0.0171	0.00000532	14.7	0.0000138
2086 Jan	56.9	0.0429	0.0243	0.00156	17.4	0.0302	5.8	0.00105	0.00105	0.00000531	0.00551	0.000899	0.0113	0.0171	0.00000532	14.7	0.0000138
2086 Feb	56.9	0.0429	0.0243	0.00156	17.4	0.0302	5.8	0.00105	0.00105	0.00000531	0.00551	0.000899	0.0113	0.0171	0.00000532	14.7	0.0000138
2086 Mar	56.9	0.0429	0.0243	0.00156	17.4	0.0302	5.8	0.00105	0.00105	0.00000531	0.00551	0.000899	0.0113	0.0171	0.00000532	14.7	0.0000138
2086 Apr	56.9	0.043	0.0243	0.00156	17.4	0.0302	5.8	0.00105	0.00105	0.00000531	0.00551	0.0009	0.0113	0.0171	0.00000532	14.7	0.0000138
2086 May	57.1	0.043	0.0243	0.00156	17.4	0.0302	5.82	0.00105	0.00105	0.00000532	0.00552	0.000902	0.0114	0.0172	0.00000533	14.8	0.0000138
2086 Jun	56.8	0.0429	0.0241	0.00155	17.3	0.03	5.77	0.00105	0.00105	0.00000528	0.00551	0.000902	0.0113	0.0172	0.0000053	14.8	0.0000138
2086 Jul	57	0.043	0.0242	0.00155	17.4	0.0301	5.79	0.00105	0.00105	0.0000053	0.00553	0.000906	0.0113	0.0173	0.00000532	14.8	0.0000138
2086 Aug	57.2	0.0431	0.0242	0.00156	17.4	0.0302	5.81	0.00105	0.00105	0.00000532	0.00555	0.000909	0.0114	0.0173	0.00000534	14.9	0.0000139
2086 Sep	57.2	0.0431	0.0242	0.00156	17.4	0.0302	5.8	0.00105	0.00105	0.00000532	0.00555	0.000909	0.0114	0.0173	0.00000533	14.9	0.0000139
2086 Oct	57.1	0.0432	0.0242	0.00156	17.4	0.0302	5.8	0.00105	0.00105	0.00000532	0.00555	0.000909	0.0114	0.0173	0.00000533	14.9	0.0000139
2086 Nov	57.2	0.0432	0.0242	0.00156	17.4	0.0302	5.81	0.00105	0.00105	0.00000532	0.00555	0.000909	0.0114	0.0173	0.00000533	14.9	0.0000139
2086 Dec	57.2	0.0432	0.0242	0.00156	17.4	0.0302	5.81	0.00105	0.00105	0.00000532	0.00555	0.000909	0.0114	0.0173	0.00000533	14.9	0.0000139
2087 Jan	57.2	0.0432	0.0242	0.00156	17.4	0.0302	5.81	0.00105	0.00105	0.00000532	0.00555	0.000909	0.0114	0.0173	0.00000533	14.9	0.0000139
2087 Feb	57.2	0.0432	0.0242	0.00156	17.4	0.0302	5.81	0.00105	0.00105	0.00000532	0.00555	0.000909	0.0114	0.0173	0.00000534	14.9	0.0000139
2087 Mar	57.2	0.0432	0.0242	0.00156	17.4	0.0302	5.81	0.00105	0.00105	0.00000532	0.00555	0.000909	0.0114	0.0173	0.00000534	14.9	0.0000139
2087 Apr	57.2	0.0432	0.0242	0.00156	17.4	0.0302	5.81	0.00105	0.00105	0.00000532	0.00555	0.000909	0.0114	0.0173	0.00000534	14.9	0.0000139
2087 May	57.2	0.0433	0.0242	0.00156	17.4	0.0302	5.81	0.00105	0.00105	0.00000532	0.00556	0.000911	0.0114	0.0174	0.00000534	14.9	0.0000139
2087 Jun	57.2	0.0432	0.0241	0.00155	17.4	0.0301	5.79	0.00105	0.00105	0.0000053	0.00555	0.000913	0.0113	0.0174	0.00000532	15	0.0000139
2087 Jul	57.4	0.0434	0.0242	0.00155	17.4	0.0302	5.81	0.00106	0.00106	0.00000532	0.00557	0.000916	0.0113	0.0175	0.00000534	15	0.0000139
2087 Aug	57.6	0.0435	0.0243	0.00156	17.5	0.0303	5.84	0.00106	0.00106	0.00000535	0.0056	0.00092	0.0114	0.0176	0.00000536	15.1	0.000014
2087 Sep	57.8	0.0437	0.0243	0.00156	17.5	0.0304	5.85	0.00106	0.00106	0.00000536	0.00561	0.000922	0.0114	0.0176	0.00000537	15.1	0.000014
2087 Oct	57.7	0.0437	0.0243	0.00156	17.5	0.0304	5.85	0.00106	0.00106	0.00000536	0.00561	0.000922	0.0114	0.0176	0.00000537	15.1	0.000014
2087 Nov	57.7	0.0437	0.0243	0.00156	17.5	0.0304	5.84	0.00106	0.00106	0.00000535	0.00561	0.000922	0.0114	0.0176	0.00000537	15.1	0.000014
2087 Dec	57.7	0.0437	0.0243	0.00156	17.5	0.0304	5.84	0.00106	0.00106	0.00000536	0.00561	0.000922	0.0114	0.0176	0.00000537	15.1	0.000014
2088 Jan	57.7	0.0437	0.0243	0.00156	17.5	0.0304	5.84	0.00106	0.00106	0.00000536	0.00561	0.000922	0.0114	0.0176	0.00000537	15.1	0.000014
2088 Feb	57.7	0.0437	0.0243	0.00156	17.5	0.0304	5.84	0.00106	0.00106	0.00000536	0.00561	0.000922	0.0114	0.0176	0.00000537	15.1	0.000014
2088 Mar	57.7	0.0437	0.0243	0.00156	17.5	0.0304	5.85	0.00106	0.00106	0.00000536	0.00561	0.000922	0.0114	0.0176	0.00000537	15.1	0.000014
2088 Apr	57.8	0.0437	0.0243	0.00156	17.5	0.0304	5.85	0.00106	0.00106	0.00000536	0.00561	0.000923	0.0114	0.0176	0.00000538	15.1	0.000014
2088 May	57.9	0.0438	0.0243	0.00157	17.6	0.0305	5.87	0.00106	0.00106	0.00000537	0.00563	0.000925	0.0115	0.0176	0.00000539	15.2	0.0000141
2088 Jun	57.7	0.0436	0.0242	0.00156	17.5	0.0304	5.84	0.00106	0.00106	0.00000536	0.00562	0.000924	0.0114	0.0176	0.00000537	15.1	0.0000141
2088 Jul	58	0.0438	0.0243	0.00157	17.6	0.0305	5.86	0.00107	0.00107	0.00000538	0.00565	0.000929	0.0115	0.0177	0.0000054	15.2	0.0000142
2088 Aug	58.3	0.0441	0.0244	0.00158	17.7	0.0307	5.9	0.00107	0.00107	0.00000542	0.00569	0.000935	0.0116	0.0178	0.00000544	15.3	0.0000143
2088 Sep	58.4	0.0442	0.0245	0.00158	17.7	0.0308	5.91	0.00108	0.00108	0.00000543	0.0057	0.000937	0.0116	0.0178	0.00000545	15.3	0.0000143
2088 Oct	58.2	0.0441	0.0244	0.00157	17.6	0.0307	5.89	0.00107	0.00107	0.00000541	0.00569	0.000934	0.0115	0.0178	0.00000543	15.3	0.0000142
2088 Nov	58.2	0.0442	0.0243	0.00157	17.6	0.0307	5.88	0.00107	0.00107	0.00000541	0.00569	0.000933	0.0115	0.0178	0.00000542	15.3	0.0000142
2088 Dec	58.2	0.0442	0.0243	0.00157	17.6	0.0307	5.88	0.00107	0.00107	0.00000541	0.00569	0.000934	0.0115	0.0178	0.00000542	15.3	0.0000142
2089 Jan	58.2	0.0442	0.0243	0.00157	17.6	0.0307	5.88	0.00107	0.00107	0.00000541	0.00569	0.000934	0.0115	0.0178	0.00000542	15.3	0.0000142
2089 Feb	58.2	0.0442	0.0243	0.00157	17.6	0.0307	5.88	0.00107	0.00107	0.00000541	0.00569	0.000934	0.0115	0.0178	0.00000542	15.3	0.0000142
2089 Mar	58.2	0.0442	0.0244	0.00157	17.6	0.0307	5.88	0.00107	0.00107	0.00000541	0.00569	0.000934	0.0115	0.0178	0.00000542	15.3	0.0000142
2089 Apr	58.3	0.0442	0.0244	0.00157	17.6	0.0307	5.89	0.00107	0.00107	0.00000541	0.00569	0.000934	0.0115	0.0178	0.00000543	15.3	0.0000143
2089 May	58.4	0.0443	0.0244	0.00157	17.7	0.0307	5.89	0.00107	0.00107	0.00000542	0.0057	0.000937	0.0115	0.0178	0.00000543	15.3	0.0000143
2089 Jun	58.4	0.0443	0.0243	0.00157	17.6	0.0306	5.89	0.00107	0.00107	0.00000541	0.0057	0.00094	0.0115	0.0179	0.00000542	15.4	0.0000143
2089 Jul	58.6	0.0445	0.0244	0.00158	17.7	0.0308	5.91	0.00108	0.00108	0.00000543	0.00573	0.000944	0.0116	0.018	0.00000545	15.4	0.0000144
2089 Aug	58.9	0.0447	0.0245	0.00158	17.8	0.0309	5.94	0.00108	0.00108	0.00000546	0.00575	0.000948	0.0116	0.0181	0.00000547	15.5	0.0000144

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2089 Sep	58.9	0.0447	0.0245	0.00158	17.8	0.0309	5.94	0.00108	0.00108	0.00000546	0.00576	0.000949	0.0116	0.0181	0.00000547	15.5	0.0000144
2089 Oct	58.7	0.0447	0.0244	0.00157	17.7	0.0308	5.91	0.00108	0.00108	0.00000544	0.00574	0.000946	0.0116	0.018	0.00000545	15.5	0.0000144
2089 Nov	58.7	0.0447	0.0243	0.00157	17.7	0.0308	5.91	0.00108	0.00108	0.00000544	0.00574	0.000946	0.0116	0.018	0.00000545	15.5	0.0000144
2089 Dec	58.7	0.0447	0.0243	0.00157	17.7	0.0308	5.91	0.00108	0.00108	0.00000544	0.00574	0.000946	0.0116	0.018	0.00000545	15.5	0.0000144
2090 Jan	58.7	0.0447	0.0243	0.00157	17.7	0.0308	5.91	0.00108	0.00108	0.00000544	0.00574	0.000946	0.0116	0.018	0.00000545	15.5	0.0000144
2090 Feb	58.7	0.0447	0.0243	0.00157	17.7	0.0308	5.91	0.00108	0.00108	0.00000544	0.00574	0.000946	0.0116	0.018	0.00000545	15.5	0.0000144
2090 Mar	58.7	0.0447	0.0243	0.00157	17.7	0.0308	5.91	0.00108	0.00108	0.00000544	0.00574	0.000946	0.0116	0.018	0.00000545	15.5	0.0000144
2090 Apr	58.7	0.0447	0.0244	0.00158	17.7	0.0309	5.92	0.00108	0.00108	0.00000544	0.00574	0.000947	0.0116	0.018	0.00000545	15.5	0.0000144
2090 May	58.8	0.0448	0.0244	0.00158	17.7	0.0309	5.92	0.00108	0.00108	0.00000545	0.00575	0.000948	0.0116	0.0181	0.00000546	15.5	0.0000144
2090 Jun	58.5	0.0446	0.0242	0.00156	17.6	0.0306	5.88	0.00107	0.00107	0.00000541	0.00573	0.000948	0.0115	0.0181	0.00000542	15.5	0.0000144
2090 Jul	58.8	0.0448	0.0242	0.00157	17.7	0.0307	5.9	0.00108	0.00108	0.00000543	0.00575	0.000952	0.0115	0.0181	0.00000544	15.6	0.0000144
2090 Aug	58.7	0.0447	0.0242	0.00156	17.6	0.0307	5.89	0.00108	0.00108	0.00000542	0.00575	0.000952	0.0115	0.0181	0.00000544	15.5	0.0000144
2090 Sep	58.5	0.0447	0.0241	0.00156	17.6	0.0307	5.87	0.00107	0.00107	0.00000541	0.00574	0.00095	0.0115	0.0181	0.00000542	15.5	0.0000144
2090 Oct	58.3	0.0447	0.0239	0.00155	17.5	0.0306	5.85	0.00107	0.00107	0.00000539	0.00573	0.000947	0.0114	0.018	0.0000054	15.5	0.0000143
2090 Nov	58.2	0.0447	0.0238	0.00155	17.5	0.0306	5.84	0.00107	0.00107	0.00000538	0.00572	0.000946	0.0114	0.018	0.00000539	15.4	0.0000143
2090 Dec	58.2	0.0447	0.0238	0.00155	17.5	0.0306	5.84	0.00107	0.00107	0.00000538	0.00572	0.000946	0.0114	0.018	0.00000539	15.4	0.0000143
2091 Jan	58.2	0.0447	0.0238	0.00155	17.5	0.0306	5.84	0.00107	0.00107	0.00000538	0.00572	0.000946	0.0114	0.018	0.00000539	15.4	0.0000143
2091 Feb	58.2	0.0447	0.0238	0.00155	17.5	0.0306	5.84	0.00107	0.00107	0.00000538	0.00572	0.000946	0.0114	0.018	0.00000539	15.4	0.0000143
2091 Mar	58.2	0.0447	0.0239	0.00155	17.5	0.0306	5.84	0.00107	0.00107	0.00000538	0.00572	0.000946	0.0114	0.018	0.00000539	15.4	0.0000143
2091 Apr	58.2	0.0447	0.0239	0.00155	17.5	0.0306	5.84	0.00107	0.00107	0.00000538	0.00573	0.000947	0.0114	0.018	0.0000054	15.5	0.0000143
2091 May	58.4	0.0448	0.0239	0.00155	17.5	0.0306	5.86	0.00107	0.00107	0.00000539	0.00574	0.00095	0.0115	0.0181	0.00000541	15.5	0.0000144
2091 Jun	58.3	0.0448	0.0238	0.00154	17.4	0.0304	5.83	0.00106	0.00106	0.00000537	0.00572	0.000951	0.0114	0.0181	0.00000538	15.5	0.0000144
2091 Jul	58.6	0.045	0.0239	0.00155	17.5	0.0306	5.87	0.00107	0.00107	0.0000054	0.00576	0.000957	0.0115	0.0182	0.00000541	15.6	0.0000144
2091 Aug	58.6	0.0451	0.0239	0.00155	17.5	0.0307	5.87	0.00107	0.00107	0.0000054	0.00577	0.000958	0.0115	0.0183	0.00000542	15.6	0.0000144
2091 Sep	58.6	0.0451	0.0239	0.00155	17.5	0.0307	5.86	0.00107	0.00107	0.0000054	0.00577	0.000958	0.0115	0.0183	0.00000542	15.6	0.0000144
2091 Oct	58.5	0.0451	0.0238	0.00154	17.5	0.0306	5.85	0.00107	0.00107	0.00000539	0.00576	0.000956	0.0114	0.0182	0.0000054	15.6	0.0000144
2091 Nov	58.4	0.0451	0.0237	0.00154	17.4	0.0306	5.84	0.00107	0.00107	0.00000538	0.00575	0.000955	0.0114	0.0182	0.00000539	15.6	0.0000144
2091 Dec	58.4	0.0451	0.0237	0.00154	17.4	0.0306	5.84	0.00107	0.00107	0.00000538	0.00575	0.000955	0.0114	0.0182	0.00000539	15.6	0.0000144
2092 Jan	58.4	0.0451	0.0237	0.00154	17.4	0.0306	5.84	0.00107	0.00107	0.00000538	0.00575	0.000955	0.0114	0.0182	0.00000539	15.6	0.0000144
2092 Feb	58.4	0.0451	0.0237	0.00154	17.4	0.0306	5.84	0.00107	0.00107	0.00000538	0.00575	0.000955	0.0114	0.0182	0.00000539	15.6	0.0000144
2092 Mar	58.4	0.0451	0.0237	0.00154	17.4	0.0306	5.84	0.00107	0.00107	0.00000538	0.00575	0.000955	0.0114	0.0182	0.00000539	15.6	0.0000144
2092 Apr	58.4	0.0451	0.0237	0.00154	17.5	0.0306	5.84	0.00107	0.00107	0.00000538	0.00575	0.000956	0.0114	0.0182	0.0000054	15.6	0.0000144
2092 May	58.5	0.0452	0.0237	0.00154	17.5	0.0306	5.85	0.00107	0.00107	0.00000539	0.00576	0.000959	0.0114	0.0183	0.0000054	15.6	0.0000144
2092 Jun	58.1	0.0449	0.0234	0.00152	17.3	0.0302	5.79	0.00106	0.00106	0.00000533	0.00572	0.000956	0.0113	0.0182	0.00000535	15.6	0.0000143
2092 Jul	58.1	0.0449	0.0234	0.00152	17.3	0.0303	5.79	0.00106	0.00106	0.00000534	0.00573	0.000957	0.0113	0.0183	0.00000535	15.6	0.0000144
2092 Aug	58.4	0.0451	0.0235	0.00153	17.4	0.0304	5.82	0.00106	0.00106	0.00000536	0.00576	0.000962	0.0114	0.0183	0.00000538	15.7	0.0000144
2092 Sep	58.5	0.0452	0.0235	0.00153	17.4	0.0304	5.82	0.00106	0.00106	0.00000537	0.00576	0.000962	0.0114	0.0183	0.00000538	15.7	0.0000144
2092 Oct	58.4	0.0452	0.0235	0.00153	17.4	0.0304	5.82	0.00106	0.00106	0.00000536	0.00576	0.000962	0.0114	0.0183	0.00000538	15.7	0.0000144
2092 Nov	58.4	0.0452	0.0235	0.00153	17.4	0.0304	5.82	0.00106	0.00106	0.00000536	0.00576	0.000962	0.0114	0.0183	0.00000538	15.7	0.0000144
2092 Dec	58.4	0.0452	0.0235	0.00153	17.4	0.0304	5.82	0.00106	0.00106	0.00000536	0.00576	0.000962	0.0114	0.0183	0.00000538	15.7	0.0000144
2093 Jan	58.4	0.0452	0.0235	0.00153	17.4	0.0304	5.82	0.00106	0.00106	0.00000536	0.00576	0.000962	0.0114	0.0183	0.00000538	15.7	0.0000144
2093 Feb	58.4	0.0452	0.0235	0.00153	17.4	0.0304	5.82	0.00106	0.00106	0.00000536	0.00576	0.000962	0.0114	0.0183	0.00000538	15.7	0.0000144
2093 Mar	58.4	0.0452	0.0235	0.00153	17.4	0.0304	5.82	0.00106	0.00106	0.00000537	0.00576	0.000962	0.0114	0.0183	0.00000538	15.7	0.0000144
2093 Apr	58.5	0.0452	0.0235	0.00153	17.4	0.0305	5.82	0.00106	0.00106	0.00000537	0.00577	0.000963	0.0114	0.0184	0.00000538	15.7	0.0000145
2093 May	58.6	0.0453	0.0236	0.00153	17.4	0.0305	5.84	0.00107	0.00107	0.00000538	0.00578	0.000966	0.0114	0.0184	0.00000539	15.8	0.0000145
2093 Jun	58.4	0.0452	0.0234	0.00152	17.3	0.0303	5.81	0.00106	0.00106	0.00000535	0.00576	0.000965	0.0113	0.0184	0.00000536	15.8	0.0000145
2093 Jul	58.7	0.0454	0.0235	0.00153	17.4	0.0304	5.83	0.00107	0.00107	0.00000537	0.00579	0.00097	0.0114	0.0185	0.00000539	15.8	0.0000145
2093 Aug	58.9	0.0456	0.0236	0.00153	17.5	0.0306	5.85	0.00107	0.00107	0.0000054	0.00581	0.000974	0.0114	0.0186	0.00000541	15.9	0.0000146
2093 Sep	58.9	0.0456	0.0236	0.00153	17.5	0.0306	5.86	0.00107	0.00107	0.0000054	0.00581	0.000975	0.0114	0.0186	0.00000541	15.9	0.0000146
2093 Oct	58.7	0.0456	0.0234	0.00152	17.4	0.0305	5.83	0.00107	0.00107	0.00000537	0.0058	0.000971	0.0114	0.0185	0.00000539	15.8	0.0000145
2093 Nov	58.6	0.0456	0.0234	0.00152	17.4	0.0305	5.82	0.00106	0.00106	0.00000537	0.00579	0.00097	0.0114	0.0185	0.00000538	15.8	0.0000145
2093 Dec	58.6	0.0456	0.0234	0.00152	17.4	0.0305	5.82	0.00106	0.00106	0.00000537	0.00579	0.00097	0.0114	0.0185	0.00000538	15.8	0.0000145
2094 Jan	58.6	0.0456	0.0234	0.00152	17.4	0.0305	5.82	0.00106	0.00106	0.00000537	0.00579	0.00097	0.0114	0.0185	0.00000538	15.8	0.0000145
2094 Feb	58.6	0.0456	0.0234	0.00152	17.4	0.0305	5.82	0.00106	0.00106	0.00000537	0.00579	0.00097	0.0114	0.0185	0.00000538	15.8	0.0000145
2094 Mar	58.6	0.0456	0.0234	0.00152	17.4	0.0305	5.82	0.00106	0.00106	0.00000537	0.00579	0.000971	0.0114	0.0185	0.00000538	15.8	0.0000145
2094 Apr	58.7	0.0456	0.0234	0.00152	17.4	0.0305	5.83	0.00106	0.00106	0.00000537	0.0058	0.000971	0.0114	0.0185	0.00000538	15.8	0.0000145
2094 May	58.7	0.0457	0.0234	0.00152	17.4	0.0305	5.83	0.00106	0.00106	0.00000537	0.0058	0.000973	0.0114	0.0186	0.00000538	15.9	0.0000145
2094 Jun	58.8	0.0457	0.0233	0.00152	17.4	0.0304	5.83	0.00106	0.00106	0.00000536	0.0058	0.000976	0.0113	0.0186	0.00000538	15.9	0.0000146
2094 Jul	59.2	0.0461	0.0235	0.00153	17.5	0.0306	5.87	0.00107	0.00107	0.0000054	0.00584	0.000983	0.0114	0.0188	0.00000542	16	0.0000147
2094 Aug	59.6	0.0464	0.0237	0.00154	17.6	0.0308	5.91	0.00108	0.00108	0.00000544	0.00588	0.00099	0.0115	0.0189	0.00000545	16.2	0.0000148
2094 Sep	59.6	0.0464	0.0237	0.00154	17.6	0.0309	5.91	0.00108	0.00108	0.00000544	0.00589	0.00099	0.0115	0.0189	0.00000545	16.2	0.0000148

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2094 Oct	59.5	0.0464	0.0236	0.00153	17.6	0.0308	5.89	0.00108	0.00108	0.00000543	0.00588	0.000988	0.0115	0.0189	0.00000544	16.1	0.0000147
2094 Nov	59.3	0.0464	0.0235	0.00153	17.5	0.0307	5.88	0.00107	0.00107	0.00000541	0.00587	0.000986	0.0115	0.0188	0.00000543	16.1	0.0000147
2094 Dec	59.3	0.0464	0.0235	0.00153	17.5	0.0307	5.87	0.00107	0.00107	0.00000541	0.00587	0.000985	0.0114	0.0188	0.00000542	16.1	0.0000147
2095 Jan	59.3	0.0464	0.0235	0.00153	17.5	0.0307	5.87	0.00107	0.00107	0.00000541	0.00587	0.000986	0.0114	0.0188	0.00000542	16.1	0.0000147
2095 Feb	59.3	0.0464	0.0235	0.00153	17.5	0.0307	5.87	0.00107	0.00107	0.00000541	0.00587	0.000986	0.0114	0.0188	0.00000542	16.1	0.0000147
2095 Mar	59.3	0.0464	0.0235	0.00153	17.5	0.0307	5.88	0.00107	0.00107	0.00000541	0.00587	0.000986	0.0115	0.0188	0.00000543	16.1	0.0000147
2095 Apr	59.3	0.0464	0.0235	0.00153	17.5	0.0308	5.88	0.00107	0.00107	0.00000542	0.00587	0.000986	0.0115	0.0188	0.00000543	16.1	0.0000147
2095 May	59.4	0.0465	0.0235	0.00153	17.5	0.0307	5.88	0.00107	0.00107	0.00000542	0.00587	0.000988	0.0115	0.0189	0.00000543	16.1	0.0000147
2095 Jun	59.6	0.0466	0.0235	0.00153	17.6	0.0308	5.89	0.00108	0.00108	0.00000542	0.00589	0.000993	0.0115	0.019	0.00000544	16.2	0.0000148
2095 Jul	60	0.0469	0.0237	0.00154	17.7	0.031	5.93	0.00108	0.00108	0.00000546	0.00593	0.001	0.0115	0.0191	0.00000547	16.3	0.0000149
2095 Aug	60	0.0469	0.0237	0.00154	17.7	0.031	5.93	0.00108	0.00108	0.00000546	0.00593	0.001	0.0115	0.0191	0.00000548	16.3	0.0000149
2095 Sep	60	0.047	0.0237	0.00154	17.7	0.031	5.94	0.00108	0.00108	0.00000547	0.00593	0.001	0.0116	0.0191	0.00000548	16.3	0.0000149
2095 Oct	60	0.047	0.0236	0.00154	17.7	0.031	5.93	0.00108	0.00108	0.00000547	0.00594	0.001	0.0116	0.0191	0.00000548	16.3	0.0000149
2095 Nov	59.9	0.047	0.0236	0.00154	17.7	0.031	5.93	0.00108	0.00108	0.00000546	0.00593	0.001	0.0115	0.0191	0.00000547	16.3	0.0000149
2095 Dec	59.9	0.047	0.0236	0.00154	17.7	0.031	5.93	0.00108	0.00108	0.00000546	0.00593	0.001	0.0115	0.0191	0.00000547	16.3	0.0000149
2096 Jan	59.9	0.047	0.0236	0.00154	17.7	0.031	5.93	0.00108	0.00108	0.00000546	0.00593	0.001	0.0115	0.0191	0.00000547	16.3	0.0000149
2096 Feb	59.9	0.047	0.0236	0.00154	17.7	0.031	5.93	0.00108	0.00108	0.00000546	0.00593	0.001	0.0115	0.0191	0.00000547	16.3	0.0000149
2096 Mar	59.9	0.047	0.0236	0.00154	17.7	0.031	5.93	0.00108	0.00108	0.00000546	0.00593	0.001	0.0115	0.0191	0.00000547	16.3	0.0000149
2096 Apr	60	0.047	0.0236	0.00154	17.7	0.031	5.93	0.00108	0.00108	0.00000546	0.00593	0.001	0.0115	0.0191	0.00000547	16.3	0.0000149
2096 May	60.1	0.0471	0.0236	0.00154	17.7	0.0311	5.94	0.00108	0.00108	0.00000547	0.00594	0.001	0.0116	0.0192	0.00000548	16.4	0.0000149
2096 Jun	59.6	0.0468	0.0233	0.00152	17.5	0.0307	5.88	0.00108	0.00108	0.00000542	0.00591	0.000999	0.0114	0.0191	0.00000543	16.3	0.0000148
2096 Jul	59.8	0.0469	0.0234	0.00153	17.6	0.0308	5.9	0.00108	0.00108	0.00000544	0.00593	0.001	0.0115	0.0192	0.00000545	16.4	0.0000149
2096 Aug	60.2	0.0472	0.0235	0.00154	17.7	0.031	5.93	0.00109	0.00109	0.00000547	0.00597	0.00101	0.0116	0.0193	0.00000549	16.5	0.000015
2096 Sep	60.2	0.0472	0.0235	0.00153	17.7	0.031	5.93	0.00108	0.00108	0.00000547	0.00597	0.00101	0.0115	0.0193	0.00000548	16.5	0.000015
2096 Oct	59.9	0.0472	0.0234	0.00153	17.6	0.031	5.91	0.00108	0.00108	0.00000545	0.00596	0.00101	0.0115	0.0192	0.00000546	16.4	0.0000149
2096 Nov	59.9	0.0472	0.0234	0.00153	17.6	0.031	5.91	0.00108	0.00108	0.00000545	0.00596	0.00101	0.0115	0.0192	0.00000546	16.4	0.0000149
2096 Dec	59.9	0.0472	0.0234	0.00153	17.6	0.031	5.91	0.00108	0.00108	0.00000545	0.00596	0.00101	0.0115	0.0192	0.00000546	16.4	0.0000149
2097 Jan	59.9	0.0472	0.0234	0.00153	17.6	0.031	5.91	0.00108	0.00108	0.00000545	0.00596	0.00101	0.0115	0.0192	0.00000546	16.4	0.0000149
2097 Feb	59.9	0.0472	0.0234	0.00153	17.6	0.031	5.91	0.00108	0.00108	0.00000545	0.00596	0.00101	0.0115	0.0192	0.00000546	16.4	0.0000149
2097 Mar	59.9	0.0473	0.0234	0.00153	17.6	0.031	5.91	0.00108	0.00108	0.00000545	0.00596	0.00101	0.0115	0.0192	0.00000546	16.4	0.0000149
2097 Apr	60	0.0473	0.0234	0.00153	17.6	0.031	5.91	0.00108	0.00108	0.00000545	0.00596	0.00101	0.0115	0.0192	0.00000547	16.4	0.0000149
2097 May	60.1	0.0474	0.0234	0.00153	17.6	0.031	5.92	0.00108	0.00108	0.00000546	0.00597	0.00101	0.0115	0.0193	0.00000548	16.5	0.000015
2097 Jun	60.1	0.0474	0.0234	0.00153	17.6	0.0309	5.92	0.00108	0.00108	0.00000545	0.00597	0.00101	0.0115	0.0193	0.00000547	16.5	0.000015
2097 Jul	60.5	0.0477	0.0235	0.00154	17.7	0.0311	5.95	0.00109	0.00109	0.00000549	0.00601	0.00102	0.0116	0.0195	0.0000055	16.6	0.0000151
2097 Aug	60.8	0.0479	0.0236	0.00154	17.8	0.0313	5.98	0.00109	0.00109	0.00000551	0.00604	0.00102	0.0116	0.0195	0.00000553	16.7	0.0000152
2097 Sep	60.9	0.048	0.0236	0.00154	17.8	0.0313	5.99	0.0011	0.0011	0.00000552	0.00605	0.00102	0.0117	0.0196	0.00000554	16.7	0.0000152
2097 Oct	60.8	0.048	0.0236	0.00154	17.8	0.0313	5.98	0.0011	0.0011	0.00000552	0.00605	0.00102	0.0116	0.0196	0.00000553	16.7	0.0000152
2097 Nov	60.8	0.048	0.0236	0.00154	17.8	0.0313	5.98	0.00109	0.00109	0.00000552	0.00604	0.00102	0.0116	0.0195	0.00000553	16.7	0.0000152
2097 Dec	60.8	0.048	0.0236	0.00154	17.8	0.0313	5.98	0.00109	0.00109	0.00000552	0.00604	0.00102	0.0116	0.0195	0.00000553	16.7	0.0000152
2098 Jan	60.8	0.048	0.0236	0.00154	17.8	0.0313	5.98	0.00109	0.00109	0.00000552	0.00604	0.00102	0.0116	0.0195	0.00000553	16.7	0.0000152
2098 Feb	60.8	0.048	0.0236	0.00154	17.8	0.0313	5.98	0.00109	0.00109	0.00000552	0.00604	0.00102	0.0116	0.0195	0.00000553	16.7	0.0000152
2098 Mar	60.8	0.048	0.0236	0.00154	17.8	0.0313	5.98	0.00109	0.00109	0.00000552	0.00604	0.00102	0.0116	0.0195	0.00000553	16.7	0.0000152
2098 Apr	60.8	0.048	0.0236	0.00154	17.8	0.0313	5.98	0.0011	0.0011	0.00000552	0.00605	0.00102	0.0116	0.0196	0.00000553	16.7	0.0000152
2098 May	60.9	0.0481	0.0236	0.00154	17.8	0.0313	5.99	0.0011	0.0011	0.00000552	0.00605	0.00103	0.0116	0.0196	0.00000553	16.8	0.0000152
2098 Jun	60.6	0.0478	0.0233	0.00152	17.7	0.0309	5.94	0.00108	0.00108	0.00000546	0.00601	0.00102	0.0115	0.0196	0.00000548	16.7	0.0000151
2098 Jul	60.9	0.0481	0.0235	0.00153	17.8	0.0311	5.97	0.00109	0.00109	0.0000055	0.00605	0.00103	0.0116	0.0197	0.00000551	16.8	0.0000152
2098 Aug	61.1	0.0482	0.0235	0.00153	17.8	0.0312	5.98	0.00109	0.00109	0.00000551	0.00606	0.00103	0.0116	0.0198	0.00000552	16.9	0.0000152
2098 Sep	60.9	0.0482	0.0234	0.00153	17.7	0.0312	5.96	0.00109	0.00109	0.00000549	0.00604	0.00103	0.0116	0.0197	0.00000551	16.8	0.0000152
2098 Oct	60.6	0.0481	0.0233	0.00152	17.7	0.0311	5.94	0.00109	0.00109	0.00000547	0.00603	0.00103	0.0115	0.0196	0.00000548	16.8	0.0000151
2098 Nov	60.6	0.0481	0.0232	0.00152	17.6	0.031	5.93	0.00108	0.00108	0.00000547	0.00602	0.00103	0.0115	0.0196	0.00000548	16.7	0.0000151
2098 Dec	60.6	0.0481	0.0232	0.00152	17.6	0.031	5.93	0.00108	0.00108	0.00000547	0.00603	0.00103	0.0115	0.0196	0.00000548	16.7	0.0000151
2099 Jan	60.6	0.0481	0.0232	0.00152	17.6	0.031	5.93	0.00108	0.00108	0.00000547	0.00603	0.00103	0.0115	0.0196	0.00000548	16.7	0.0000151
2099 Feb	60.6	0.0481	0.0232	0.00152	17.6	0.031	5.93	0.00108	0.00108	0.00000547	0.00603	0.00103	0.0115	0.0196	0.00000548	16.7	0.0000151
2099 Mar	60.6	0.0482	0.0232	0.00152	17.6	0.0311	5.94	0.00109	0.00109	0.00000547	0.00603	0.00103	0.0115	0.0196	0.00000548	16.8	0.0000151
2099 Apr	60.6	0.0482	0.0233	0.00152	17.7	0.0311	5.94	0.00109	0.00109	0.00000547	0.00603	0.00103	0.0115	0.0197	0.00000549	16.8	0.0000151
2099 May	60.7	0.0483	0.0232	0.00151	17.6	0.0309	5.94	0.00108	0.00108	0.00000546	0.00602	0.00103	0.0115	0.0198	0.00000547	16.9	0.0000151
2099 Jun	60.6	0.0482	0.0231	0.00151	17.6	0.0308	5.93	0.00108	0.00108	0.00000544	0.00601	0.00103	0.0114	0.0198	0.00000545	16.9	0.0000151
2099 Jul	61	0.0485	0.0233	0.00152	17.7	0.031	5.96	0.00109	0.00109	0.00000547	0.00605	0.00104	0.0115	0.0199	0.00000549	17	0.0000152
2099 Aug	61.3	0.0488	0.0234	0.00153	17.8	0.0312	5.99	0.00109	0.00109	0.00000551	0.00608	0.00104	0.0116	0.02	0.00000552	17.1	0.0000153
2099 Sep	61.2	0.0488	0.0233	0.00152	17.8	0.0312	5.98	0.00109	0.00109	0.0000055	0.00608	0.00104	0.0116	0.02	0.00000551	17	0.0000153
2099 Oct	61.1	0.0487	0.0233	0.00152	17.7	0.0311	5.97	0.00109	0.00109	0.00000548	0.00607	0.00104	0.0115	0.0199	0.0000055	17	0.0000152

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2099 Nov	61	0.0487	0.0232	0.00152	17.7	0.0311	5.96	0.00109	0.00109	0.00000548	0.00606	0.00104	0.0115	0.0199	0.00000549	17	0.0000152
2099 Dec	61	0.0487	0.0232	0.00152	17.7	0.0311	5.96	0.00109	0.00109	0.00000548	0.00606	0.00104	0.0115	0.0199	0.00000549	17	0.0000152
2100 Jan	61	0.0487	0.0232	0.00152	17.7	0.0311	5.96	0.00109	0.00109	0.00000548	0.00606	0.00104	0.0115	0.0199	0.00000549	17	0.0000152
2100 Feb	61	0.0487	0.0232	0.00152	17.7	0.0311	5.96	0.00109	0.00109	0.00000548	0.00606	0.00104	0.0115	0.0199	0.00000549	17	0.0000152
2100 Mar	61	0.0487	0.0232	0.00152	17.7	0.0311	5.96	0.00109	0.00109	0.00000548	0.00606	0.00104	0.0115	0.0199	0.00000549	17	0.0000152
2100 Apr	61	0.0488	0.0232	0.00152	17.7	0.0311	5.96	0.00109	0.00109	0.00000548	0.00606	0.00104	0.0115	0.0199	0.00000549	17	0.0000152
2100 May	61.2	0.0489	0.0232	0.00152	17.7	0.0311	5.97	0.00109	0.00109	0.00000548	0.00607	0.00104	0.0115	0.02	0.0000055	17	0.0000153
2100 Jun	60.8	0.0486	0.023	0.0015	17.6	0.0308	5.93	0.00108	0.00108	0.00000544	0.00603	0.00104	0.0114	0.02	0.00000545	17	0.0000152
2100 Jul	61	0.0487	0.023	0.0015	17.6	0.0309	5.94	0.00108	0.00108	0.00000545	0.00605	0.00104	0.0114	0.02	0.00000546	17	0.0000152
2100 Aug	60.9	0.0487	0.023	0.0015	17.6	0.0309	5.93	0.00108	0.00108	0.00000545	0.00605	0.00104	0.0114	0.02	0.00000546	17	0.0000152
2100 Sep	60.9	0.0487	0.023	0.0015	17.6	0.0309	5.93	0.00108	0.00108	0.00000545	0.00605	0.00104	0.0114	0.02	0.00000546	17	0.0000152
2100 Oct	60.9	0.0487	0.023	0.0015	17.6	0.0309	5.93	0.00108	0.00108	0.00000545	0.00605	0.00104	0.0114	0.02	0.00000546	17	0.0000152
2100 Nov	61	0.0487	0.023	0.0015	17.6	0.0309	5.93	0.00108	0.00108	0.00000545	0.00605	0.00104	0.0114	0.02	0.00000546	17.1	0.0000152
2100 Dec	61	0.0487	0.023	0.0015	17.6	0.0309	5.93	0.00108	0.00108	0.00000545	0.00605	0.00104	0.0115	0.02	0.00000546	17.1	0.0000152
2101 Jan	61	0.0488	0.023	0.0015	17.6	0.0309	5.94	0.00108	0.00108	0.00000545	0.00605	0.00104	0.0115	0.02	0.00000546	17.1	0.0000152
2101 Feb	61	0.0488	0.023	0.0015	17.6	0.0309	5.94	0.00108	0.00108	0.00000545	0.00605	0.00104	0.0115	0.02	0.00000546	17.1	0.0000152
2101 Mar	61	0.0488	0.023	0.0015	17.6	0.0309	5.94	0.00108	0.00108	0.00000545	0.00605	0.00104	0.0115	0.02	0.00000546	17.1	0.0000152
2101 Apr	61	0.0488	0.023	0.0015	17.6	0.0309	5.94	0.00108	0.00108	0.00000545	0.00606	0.00104	0.0115	0.02	0.00000547	17.1	0.0000152
2101 May	61.1	0.0489	0.023	0.0015	17.6	0.0309	5.94	0.00108	0.00108	0.00000546	0.00606	0.00105	0.0115	0.0201	0.00000547	17.1	0.0000153
2101 Jun	60.9	0.0487	0.0229	0.00149	17.6	0.0307	5.92	0.00108	0.00108	0.00000543	0.00604	0.00105	0.0114	0.0201	0.00000544	17.1	0.0000152
2101 Jul	61.3	0.049	0.023	0.0015	17.7	0.0309	5.96	0.00108	0.00108	0.00000546	0.00608	0.00105	0.0115	0.0202	0.00000548	17.2	0.0000153
2101 Aug	61.7	0.0493	0.0232	0.00151	17.8	0.0311	5.99	0.00109	0.00109	0.0000055	0.00612	0.00106	0.0115	0.0204	0.00000551	17.3	0.0000154
2101 Sep	61.6	0.0493	0.0231	0.00151	17.7	0.0311	5.98	0.00109	0.00109	0.00000549	0.00611	0.00106	0.0115	0.0203	0.0000055	17.3	0.0000154
2101 Oct	61.6	0.0493	0.0231	0.00151	17.7	0.0311	5.98	0.00109	0.00109	0.00000549	0.00611	0.00106	0.0115	0.0203	0.0000055	17.3	0.0000154
2101 Nov	61.4	0.0493	0.023	0.0015	17.7	0.0311	5.97	0.00109	0.00109	0.00000548	0.0061	0.00106	0.0115	0.0203	0.00000549	17.3	0.0000154
2101 Dec	61.4	0.0493	0.023	0.0015	17.7	0.0311	5.97	0.00109	0.00109	0.00000548	0.0061	0.00106	0.0115	0.0203	0.00000549	17.3	0.0000154
2102 Jan	61.4	0.0493	0.023	0.0015	17.7	0.0311	5.97	0.00109	0.00109	0.00000548	0.0061	0.00106	0.0115	0.0203	0.00000549	17.3	0.0000154
2102 Feb	61.4	0.0493	0.023	0.0015	17.7	0.0311	5.97	0.00109	0.00109	0.00000548	0.0061	0.00106	0.0115	0.0203	0.00000549	17.3	0.0000154
2102 Mar	61.4	0.0493	0.023	0.0015	17.7	0.0311	5.97	0.00109	0.00109	0.00000548	0.0061	0.00106	0.0115	0.0203	0.00000549	17.3	0.0000154
2102 Apr	61.5	0.0493	0.023	0.00151	17.7	0.0311	5.97	0.00109	0.00109	0.00000548	0.0061	0.00106	0.0115	0.0203	0.00000549	17.3	0.0000154
2102 May	61.6	0.0494	0.0231	0.00151	17.7	0.0311	5.98	0.00109	0.00109	0.00000549	0.00612	0.00106	0.0115	0.0203	0.0000055	17.3	0.0000154
2102 Jun	61.1	0.0489	0.0229	0.0015	17.6	0.0309	5.93	0.00108	0.00108	0.00000546	0.0061	0.00105	0.0114	0.0202	0.00000547	17.2	0.0000154
2102 Jul	61.1	0.0489	0.0228	0.00149	17.5	0.0309	5.92	0.00108	0.00108	0.00000546	0.0061	0.00105	0.0114	0.0202	0.00000547	17.2	0.0000154
2102 Aug	61.3	0.049	0.0229	0.0015	17.6	0.031	5.94	0.00109	0.00109	0.00000548	0.00613	0.00106	0.0115	0.0203	0.00000549	17.2	0.0000154
2102 Sep	61.3	0.0491	0.0229	0.0015	17.6	0.031	5.94	0.00109	0.00109	0.00000548	0.00613	0.00106	0.0115	0.0203	0.0000055	17.3	0.0000154
2102 Oct	61.1	0.049	0.0228	0.00149	17.5	0.031	5.92	0.00108	0.00108	0.00000546	0.00612	0.00105	0.0115	0.0202	0.00000548	17.2	0.0000154
2102 Nov	61.1	0.049	0.0228	0.00149	17.6	0.031	5.92	0.00109	0.00109	0.00000547	0.00612	0.00105	0.0115	0.0202	0.00000548	17.2	0.0000154
2102 Dec	61.1	0.0491	0.0228	0.0015	17.6	0.031	5.92	0.00109	0.00109	0.00000547	0.00612	0.00105	0.0115	0.0202	0.00000548	17.2	0.0000154
2103 Jan	61.1	0.0491	0.0228	0.0015	17.6	0.031	5.92	0.00109	0.00109	0.00000547	0.00612	0.00105	0.0115	0.0202	0.00000548	17.2	0.0000154
2103 Feb	61.2	0.0491	0.0228	0.0015	17.6	0.031	5.92	0.00109	0.00109	0.00000547	0.00612	0.00105	0.0115	0.0202	0.00000548	17.2	0.0000154
2103 Mar	61.2	0.0491	0.0228	0.0015	17.6	0.031	5.92	0.00109	0.00109	0.00000547	0.00612	0.00105	0.0115	0.0202	0.00000548	17.2	0.0000154
2103 Apr	61.2	0.0491	0.0228	0.0015	17.6	0.031	5.93	0.00109	0.00109	0.00000547	0.00612	0.00106	0.0115	0.0202	0.00000548	17.2	0.0000154
2103 May	61.3	0.0492	0.0228	0.0015	17.6	0.031	5.93	0.00109	0.00109	0.00000547	0.00613	0.00106	0.0115	0.0203	0.00000549	17.3	0.0000154
2103 Jun	61	0.0489	0.0226	0.00148	17.5	0.0307	5.89	0.00108	0.00108	0.00000543	0.0061	0.00106	0.0114	0.0203	0.00000544	17.2	0.0000154
2103 Jul	61.1	0.049	0.0226	0.00148	17.5	0.0308	5.9	0.00108	0.00108	0.00000545	0.00611	0.00106	0.0114	0.0203	0.00000546	17.3	0.0000154
2103 Aug	61.1	0.049	0.0226	0.00148	17.5	0.0308	5.9	0.00108	0.00108	0.00000545	0.00612	0.00106	0.0114	0.0203	0.00000546	17.3	0.0000154
2103 Sep	61	0.049	0.0225	0.00148	17.4	0.0308	5.89	0.00108	0.00108	0.00000544	0.00611	0.00106	0.0114	0.0203	0.00000545	17.2	0.0000154
2103 Oct	60.7	0.0489	0.0224	0.00147	17.4	0.0307	5.86	0.00108	0.00108	0.00000542	0.00609	0.00105	0.0113	0.0202	0.00000543	17.2	0.0000153
2103 Nov	60.7	0.0489	0.0224	0.00147	17.3	0.0307	5.86	0.00107	0.00107	0.00000541	0.00609	0.00105	0.0113	0.0202	0.00000542	17.2	0.0000153
2103 Dec	60.7	0.0489	0.0224	0.00147	17.3	0.0307	5.86	0.00107	0.00107	0.00000541	0.00609	0.00105	0.0113	0.0202	0.00000542	17.2	0.0000153
2104 Jan	60.7	0.0489	0.0224	0.00147	17.3	0.0307	5.86	0.00107	0.00107	0.00000541	0.00609	0.00105	0.0113	0.0202	0.00000542	17.2	0.0000153
2104 Feb	60.7	0.0489	0.0224	0.00147	17.3	0.0307	5.86	0.00107	0.00107	0.00000541	0.00609	0.00105	0.0113	0.0202	0.00000542	17.2	0.0000153
2104 Mar	60.7	0.0489	0.0224	0.00147	17.3	0.0307	5.86	0.00107	0.00107	0.00000541	0.00609	0.00105	0.0113	0.0202	0.00000542	17.2	0.0000153
2104 Apr	60.7	0.049	0.0224	0.00147	17.4	0.0307	5.86	0.00108	0.00108	0.00000542	0.00609	0.00105	0.0113	0.0202	0.00000543	17.2	0.0000153
2104 May	60.9	0.0491	0.0224	0.00147	17.4	0.0307	5.87	0.00108	0.00108	0.00000542	0.0061	0.00106	0.0113	0.0203	0.00000543	17.2	0.0000154
2104 Jun	60.5	0.0488	0.0222	0.00146	17.3	0.0304	5.83	0.00107	0.00107	0.00000538	0.00606	0.00105	0.0112	0.0202	0.00000539	17.2	0.0000153
2104 Jul	60.8	0.049	0.0223	0.00146	17.3	0.0305	5.85	0.00107	0.00107	0.0000054	0.00609	0.00106	0.0113	0.0203	0.00000541	17.3	0.0000154
2104 Aug	60.9	0.0491	0.0223	0.00147	17.4	0.0306	5.86	0.00108	0.00108	0.00000541	0.00611	0.00106	0.0113	0.0204	0.00000543	17.3	0.0000154
2104 Sep	60.8	0.0491	0.0223	0.00147	17.3	0.0306	5.85	0.00107	0.00107	0.00000541	0.0061	0.00106	0.0113	0.0203	0.00000542	17.3	0.0000154
2104 Oct	60.7	0.049	0.0222	0.00146	17.3	0.0306	5.84	0.00107	0.00107	0.00000539	0.00609	0.00106	0.0113	0.0203	0.0000054	17.2	0.0000153
2104 Nov	60.6	0.049	0.0222	0.00146	17.3	0.0306	5.84	0.00107	0.00107	0.00000539	0.00609	0.00106	0.0113	0.0203	0.0000054	17.2	0.0000153

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2104 Dec	60.6	0.0491	0.0222	0.00146	17.3	0.0306	5.84	0.00107	0.00107	0.00000539	0.00609	0.00106	0.0113	0.0203	0.0000054	17.2	0.0000153
2105 Jan	60.6	0.0491	0.0222	0.00146	17.3	0.0306	5.84	0.00107	0.00107	0.00000539	0.00609	0.00106	0.0113	0.0203	0.0000054	17.2	0.0000153
2105 Feb	60.6	0.0491	0.0222	0.00146	17.3	0.0306	5.84	0.00107	0.00107	0.00000539	0.00609	0.00106	0.0113	0.0203	0.0000054	17.2	0.0000153
2105 Mar	60.6	0.0491	0.0222	0.00146	17.3	0.0306	5.84	0.00107	0.00107	0.00000539	0.00609	0.00106	0.0113	0.0203	0.0000054	17.2	0.0000153
2105 Apr	60.7	0.0491	0.0222	0.00146	17.3	0.0306	5.84	0.00107	0.00107	0.00000539	0.00609	0.00106	0.0113	0.0203	0.0000054	17.2	0.0000153
2105 May	60.8	0.0491	0.0222	0.00146	17.3	0.0306	5.84	0.00107	0.00107	0.00000539	0.0061	0.00106	0.0113	0.0204	0.00000541	17.3	0.0000154
2105 Jun	60.8	0.0492	0.0222	0.00146	17.3	0.0305	5.84	0.00107	0.00107	0.00000539	0.00609	0.00106	0.0113	0.0204	0.0000054	17.3	0.0000154
2105 Jul	61.1	0.0494	0.0222	0.00146	17.4	0.0306	5.87	0.00108	0.00108	0.00000541	0.00612	0.00107	0.0113	0.0205	0.00000542	17.4	0.0000154
2105 Aug	60.9	0.0493	0.0222	0.00146	17.3	0.0306	5.85	0.00107	0.00107	0.0000054	0.00611	0.00107	0.0113	0.0205	0.00000542	17.4	0.0000154
2105 Sep	60.7	0.0492	0.022	0.00145	17.2	0.0305	5.83	0.00107	0.00107	0.00000538	0.00609	0.00106	0.0113	0.0204	0.00000539	17.3	0.0000153
2105 Oct	60.5	0.0491	0.0219	0.00145	17.2	0.0305	5.81	0.00107	0.00107	0.00000537	0.00608	0.00106	0.0112	0.0203	0.00000538	17.3	0.0000153
2105 Nov	60.4	0.0491	0.0219	0.00145	17.2	0.0304	5.8	0.00106	0.00106	0.00000536	0.00607	0.00106	0.0112	0.0203	0.00000537	17.2	0.0000153
2105 Dec	60.4	0.0491	0.0219	0.00145	17.2	0.0304	5.8	0.00106	0.00106	0.00000536	0.00607	0.00106	0.0112	0.0203	0.00000537	17.2	0.0000153
2106 Jan	60.4	0.0491	0.0219	0.00145	17.2	0.0304	5.8	0.00106	0.00106	0.00000536	0.00607	0.00106	0.0112	0.0203	0.00000537	17.2	0.0000153
2106 Feb	60.4	0.0491	0.0219	0.00145	17.2	0.0304	5.8	0.00106	0.00106	0.00000536	0.00607	0.00106	0.0112	0.0203	0.00000537	17.2	0.0000153
2106 Mar	60.4	0.0491	0.0219	0.00145	17.2	0.0304	5.8	0.00106	0.00106	0.00000536	0.00608	0.00106	0.0112	0.0203	0.00000537	17.2	0.0000153
2106 Apr	60.5	0.0492	0.0219	0.00145	17.2	0.0305	5.8	0.00107	0.00107	0.00000536	0.00608	0.00106	0.0112	0.0203	0.00000537	17.2	0.0000153
2106 May	60.6	0.0493	0.022	0.00145	17.2	0.0305	5.82	0.00107	0.00107	0.00000537	0.00609	0.00106	0.0112	0.0204	0.00000538	17.3	0.0000153
2106 Jun	60.3	0.049	0.0218	0.00144	17.1	0.0303	5.78	0.00106	0.00106	0.00000534	0.00606	0.00106	0.0111	0.0203	0.00000535	17.2	0.0000153
2106 Jul	60.5	0.0491	0.0218	0.00144	17.1	0.0304	5.79	0.00106	0.00106	0.00000536	0.00609	0.00106	0.0112	0.0204	0.00000537	17.3	0.0000153
2106 Aug	60.5	0.0491	0.0218	0.00144	17.1	0.0304	5.8	0.00107	0.00107	0.00000536	0.00609	0.00106	0.0112	0.0204	0.00000537	17.3	0.0000153
2106 Sep	60.4	0.0491	0.0217	0.00144	17.1	0.0304	5.78	0.00106	0.00106	0.00000535	0.00608	0.00106	0.0112	0.0203	0.00000536	17.3	0.0000153
2106 Oct	60.3	0.0491	0.0217	0.00143	17.1	0.0304	5.77	0.00106	0.00106	0.00000534	0.00608	0.00106	0.0112	0.0203	0.00000536	17.3	0.0000153
2106 Nov	60.3	0.0491	0.0217	0.00144	17.1	0.0304	5.78	0.00106	0.00106	0.00000535	0.00608	0.00106	0.0112	0.0203	0.00000536	17.3	0.0000153
2106 Dec	60.3	0.0491	0.0217	0.00144	17.1	0.0304	5.78	0.00106	0.00106	0.00000535	0.00608	0.00106	0.0112	0.0203	0.00000536	17.3	0.0000153
2107 Jan	60.3	0.0491	0.0217	0.00144	17.1	0.0304	5.78	0.00106	0.00106	0.00000535	0.00608	0.00106	0.0112	0.0203	0.00000536	17.3	0.0000153
2107 Feb	60.3	0.0491	0.0217	0.00144	17.1	0.0304	5.78	0.00106	0.00106	0.00000535	0.00608	0.00106	0.0112	0.0203	0.00000536	17.3	0.0000153
2107 Mar	60.3	0.0491	0.0217	0.00144	17.1	0.0304	5.78	0.00106	0.00106	0.00000535	0.00608	0.00106	0.0112	0.0203	0.00000536	17.3	0.0000153
2107 Apr	60.3	0.0491	0.0217	0.00144	17.1	0.0304	5.78	0.00106	0.00106	0.00000535	0.00608	0.00106	0.0112	0.0203	0.00000536	17.3	0.0000153
2107 May	60.4	0.0492	0.0217	0.00144	17.1	0.0304	5.78	0.00106	0.00106	0.00000535	0.00608	0.00106	0.0112	0.0204	0.00000536	17.3	0.0000153
2107 Jun	60.4	0.0491	0.0216	0.00143	17	0.0303	5.77	0.00106	0.00106	0.00000534	0.00608	0.00106	0.0111	0.0204	0.00000535	17.3	0.0000153
2107 Jul	60.5	0.0492	0.0217	0.00143	17.1	0.0304	5.78	0.00106	0.00106	0.00000535	0.00609	0.00107	0.0112	0.0205	0.00000536	17.4	0.0000153
2107 Aug	60.8	0.0494	0.0218	0.00144	17.2	0.0305	5.81	0.00107	0.00107	0.00000538	0.00612	0.00107	0.0112	0.0206	0.00000539	17.4	0.0000154
2107 Sep	60.8	0.0495	0.0218	0.00144	17.2	0.0305	5.81	0.00107	0.00107	0.00000538	0.00613	0.00107	0.0112	0.0206	0.00000539	17.5	0.0000154
2107 Oct	60.7	0.0495	0.0217	0.00144	17.1	0.0305	5.81	0.00107	0.00107	0.00000537	0.00612	0.00107	0.0112	0.0205	0.00000538	17.4	0.0000154
2107 Nov	60.7	0.0495	0.0217	0.00144	17.1	0.0305	5.8	0.00107	0.00107	0.00000537	0.00612	0.00107	0.0112	0.0205	0.00000538	17.4	0.0000154
2107 Dec	60.7	0.0495	0.0217	0.00144	17.1	0.0305	5.8	0.00107	0.00107	0.00000537	0.00612	0.00107	0.0112	0.0205	0.00000538	17.4	0.0000154
2108 Jan	60.7	0.0495	0.0217	0.00144	17.1	0.0305	5.8	0.00107	0.00107	0.00000537	0.00612	0.00107	0.0112	0.0205	0.00000538	17.4	0.0000154
2108 Feb	60.7	0.0495	0.0217	0.00144	17.1	0.0305	5.8	0.00107	0.00107	0.00000537	0.00612	0.00107	0.0112	0.0205	0.00000538	17.4	0.0000154
2108 Mar	60.7	0.0495	0.0217	0.00144	17.1	0.0305	5.8	0.00107	0.00107	0.00000537	0.00612	0.00107	0.0112	0.0205	0.00000538	17.4	0.0000154
2108 Apr	60.8	0.0496	0.0218	0.00144	17.2	0.0306	5.81	0.00107	0.00107	0.00000538	0.00613	0.00107	0.0112	0.0206	0.00000539	17.5	0.0000154
2108 May	60.9	0.0497	0.0218	0.00144	17.2	0.0306	5.83	0.00107	0.00107	0.00000539	0.00614	0.00108	0.0112	0.0206	0.0000054	17.5	0.0000154
2108 Jun	60.8	0.0496	0.0217	0.00144	17.1	0.0305	5.8	0.00107	0.00107	0.00000538	0.00614	0.00107	0.0112	0.0206	0.00000539	17.5	0.0000154
2108 Jul	61.1	0.0498	0.0218	0.00145	17.2	0.0307	5.84	0.00107	0.00107	0.00000541	0.00618	0.00108	0.0113	0.0207	0.00000542	17.6	0.0000155
2108 Aug	61.5	0.0501	0.022	0.00145	17.3	0.0309	5.87	0.00108	0.00108	0.00000544	0.00622	0.00109	0.0114	0.0208	0.00000546	17.7	0.0000156
2108 Sep	61.6	0.0502	0.022	0.00146	17.3	0.0309	5.88	0.00108	0.00108	0.00000545	0.00622	0.00109	0.0114	0.0209	0.00000546	17.7	0.0000156
2108 Oct	61.3	0.0501	0.0218	0.00145	17.3	0.0308	5.85	0.00108	0.00108	0.00000542	0.0062	0.00108	0.0113	0.0208	0.00000543	17.6	0.0000156
2108 Nov	61.2	0.0501	0.0218	0.00145	17.3	0.0308	5.85	0.00108	0.00108	0.00000542	0.0062	0.00108	0.0113	0.0207	0.00000543	17.6	0.0000156
2108 Dec	61.2	0.0501	0.0218	0.00145	17.3	0.0308	5.85	0.00108	0.00108	0.00000542	0.0062	0.00108	0.0113	0.0207	0.00000543	17.6	0.0000156
2109 Jan	61.2	0.0501	0.0218	0.00145	17.3	0.0308	5.85	0.00108	0.00108	0.00000542	0.0062	0.00108	0.0113	0.0207	0.00000543	17.6	0.0000156
2109 Feb	61.2	0.0501	0.0218	0.00145	17.3	0.0308	5.85	0.00108	0.00108	0.00000542	0.0062	0.00108	0.0113	0.0207	0.00000543	17.6	0.0000156
2109 Mar	61.3	0.0501	0.0218	0.00145	17.3	0.0308	5.85	0.00108	0.00108	0.00000542	0.0062	0.00108	0.0113	0.0207	0.00000543	17.6	0.0000156
2109 Apr	61.3	0.0502	0.0218	0.00145	17.3	0.0308	5.85	0.00108	0.00108	0.00000543	0.00621	0.00108	0.0113	0.0208	0.00000544	17.6	0.0000156
2109 May	61.4	0.0502	0.0219	0.00145	17.3	0.0308	5.86	0.00108	0.00108	0.00000543	0.00621	0.00109	0.0113	0.0208	0.00000544	17.7	0.0000156
2109 Jun	61.5	0.0503	0.0218	0.00145	17.3	0.0308	5.86	0.00108	0.00108	0.00000543	0.00622	0.00109	0.0113	0.0209	0.00000544	17.7	0.0000156
2109 Jul	61.7	0.0505	0.0219	0.00145	17.4	0.0309	5.88	0.00108	0.00108	0.00000545	0.00624	0.00109	0.0114	0.021	0.00000546	17.8	0.0000157
2109 Aug	61.9	0.0506	0.022	0.00146	17.4	0.0311	5.9	0.00109	0.00109	0.00000547	0.00626	0.0011	0.0114	0.0211	0.00000548	17.9	0.0000158
2109 Sep	61.9	0.0506	0.0219	0.00146	17.4	0.0311	5.89	0.00109	0.00109	0.00000547	0.00626	0.0011	0.0114	0.021	0.00000548	17.8	0.0000157
2109 Oct	61.6	0.0506	0.0218	0.00145	17.3	0.031	5.87	0.00108	0.00108	0.00000544	0.00624	0.00109	0.0113	0.0209	0.00000545	17.8	0.0000157
2109 Nov	61.6	0.0506	0.0218	0.00145	17.3	0.031	5.87	0.00108	0.00108	0.00000544	0.00624	0.00109	0.0113	0.0209	0.00000545	17.8	0.0000157
2109 Dec	61.6	0.0506	0.0218	0.00145	17.3	0.031	5.87	0.00108	0.00108	0.00000544	0.00624	0.00109	0.0113	0.0209	0.00000545	17.8	0.0000157
2110 Jan	61.6	0.0506	0.0218	0.00145	17.3	0.031	5.87	0.00108	0.00108	0.00000544	0.00624	0.00109	0.0113	0.0209	0.00000545	17.8	0.0000157
2110 Feb	61.6	0.0506	0.0218	0.00145	17.3	0.031	5.87	0.00108	0.00108	0.00000544	0.00624	0.00109	0.0113	0.0209	0.00000545	17.8	0.0000157
2110 Mar	61.6	0.0506	0.0218	0.00145	17.3	0.031	5.87	0.00108	0.00108	0.00000544	0.00624	0.00109	0.0113	0.0209	0.00000545	17.8	0.0000157
2110 Apr	61.6	0.0506	0.0218	0.00145	17.3	0.031	5.87	0.00108	0.00108	0.00000545	0.00625	0.00109	0.0113	0.021	0.00000546	17.8	0.0000157

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2110 May	61.7	0.0507	0.0218	0.00145	17.3	0.031	5.88	0.00108	0.00108	0.00000545	0.00625	0.0011	0.0114	0.021	0.00000546	17.8	0.0000157
2110 Jun	61.5	0.0505	0.0217	0.00144	17.2	0.0308	5.85	0.00108	0.00108	0.00000542	0.00623	0.00109	0.0113	0.021	0.00000543	17.8	0.0000157
2110 Jul	61.7	0.0506	0.0217	0.00144	17.3	0.0309	5.86	0.00108	0.00108	0.00000544	0.00625	0.0011	0.0113	0.021	0.00000545	17.8	0.0000157
2110 Aug	61.4	0.0504	0.0216	0.00144	17.2	0.0308	5.83	0.00108	0.00108	0.00000542	0.00622	0.00109	0.0113	0.021	0.00000543	17.8	0.0000156
2110 Sep	61	0.0502	0.0214	0.00143	17.1	0.0307	5.8	0.00107	0.00107	0.00000538	0.00619	0.00109	0.0112	0.0208	0.00000539	17.7	0.0000155
2110 Oct	60.7	0.0502	0.0212	0.00142	17	0.0306	5.76	0.00106	0.00106	0.00000536	0.00617	0.00108	0.0112	0.0207	0.00000537	17.6	0.0000155
2110 Nov	60.6	0.0501	0.0212	0.00141	17	0.0305	5.76	0.00106	0.00106	0.00000535	0.00617	0.00108	0.0111	0.0207	0.00000536	17.6	0.0000154
2110 Dec	60.6	0.0501	0.0212	0.00141	17	0.0305	5.76	0.00106	0.00106	0.00000535	0.00617	0.00108	0.0111	0.0207	0.00000536	17.6	0.0000154
2111 Jan	60.6	0.0501	0.0212	0.00141	17	0.0305	5.76	0.00106	0.00106	0.00000535	0.00617	0.00108	0.0111	0.0207	0.00000536	17.6	0.0000154
2111 Feb	60.6	0.0501	0.0212	0.00141	17	0.0305	5.76	0.00106	0.00106	0.00000535	0.00617	0.00108	0.0111	0.0207	0.00000536	17.6	0.0000154
2111 Mar	60.6	0.0502	0.0212	0.00141	17	0.0305	5.76	0.00106	0.00106	0.00000535	0.00617	0.00108	0.0111	0.0207	0.00000536	17.6	0.0000154
2111 Apr	60.7	0.0502	0.0212	0.00142	17	0.0306	5.76	0.00106	0.00106	0.00000535	0.00617	0.00108	0.0111	0.0207	0.00000536	17.6	0.0000155
2111 May	60.8	0.0503	0.0212	0.00142	17	0.0306	5.77	0.00107	0.00107	0.00000536	0.00618	0.00109	0.0112	0.0208	0.00000537	17.6	0.0000155
2111 Jun	60.7	0.0502	0.0211	0.00141	16.9	0.0304	5.75	0.00106	0.00106	0.00000534	0.00617	0.00109	0.0111	0.0208	0.00000535	17.6	0.0000155
2111 Jul	61.1	0.0505	0.0213	0.00142	17	0.0306	5.79	0.00107	0.00107	0.00000537	0.00621	0.00109	0.0112	0.0209	0.00000538	17.8	0.0000156
2111 Aug	61	0.0504	0.0212	0.00142	17	0.0306	5.78	0.00107	0.00107	0.00000537	0.0062	0.00109	0.0112	0.0209	0.00000538	17.7	0.0000155
2111 Sep	60.9	0.0504	0.0212	0.00141	17	0.0306	5.77	0.00107	0.00107	0.00000536	0.0062	0.00109	0.0112	0.0209	0.00000537	17.7	0.0000155
2111 Oct	60.7	0.0503	0.0211	0.00141	16.9	0.0305	5.75	0.00106	0.00106	0.00000534	0.00618	0.00109	0.0111	0.0208	0.00000535	17.7	0.0000155
2111 Nov	60.5	0.0503	0.021	0.0014	16.9	0.0305	5.74	0.00106	0.00106	0.00000533	0.00617	0.00109	0.0111	0.0208	0.00000534	17.6	0.0000154
2111 Dec	60.5	0.0503	0.021	0.0014	16.9	0.0305	5.74	0.00106	0.00106	0.00000533	0.00617	0.00109	0.0111	0.0208	0.00000534	17.6	0.0000154
2112 Jan	60.5	0.0503	0.021	0.0014	16.9	0.0305	5.74	0.00106	0.00106	0.00000533	0.00617	0.00109	0.0111	0.0208	0.00000534	17.6	0.0000154
2112 Feb	60.5	0.0503	0.021	0.0014	16.9	0.0305	5.74	0.00106	0.00106	0.00000533	0.00617	0.00109	0.0111	0.0208	0.00000534	17.6	0.0000154
2112 Mar	60.6	0.0503	0.021	0.0014	16.9	0.0305	5.74	0.00106	0.00106	0.00000533	0.00617	0.00109	0.0111	0.0208	0.00000534	17.6	0.0000154
2112 Apr	60.6	0.0504	0.021	0.00141	16.9	0.0305	5.74	0.00106	0.00106	0.00000534	0.00618	0.00109	0.0111	0.0208	0.00000535	17.6	0.0000154
2112 May	60.7	0.0505	0.021	0.00141	16.9	0.0305	5.75	0.00106	0.00106	0.00000534	0.00618	0.00109	0.0111	0.0209	0.00000535	17.7	0.0000155
2112 Jun	60.2	0.05	0.0208	0.00139	16.7	0.0301	5.69	0.00105	0.00105	0.00000528	0.00613	0.00108	0.011	0.0208	0.00000529	17.6	0.0000154
2112 Jul	60.3	0.0501	0.0208	0.00139	16.8	0.0302	5.7	0.00105	0.00105	0.00000529	0.00614	0.00109	0.011	0.0208	0.0000053	17.6	0.0000154
2112 Aug	60.5	0.0503	0.0209	0.00139	16.8	0.0303	5.72	0.00106	0.00106	0.00000531	0.00617	0.00109	0.011	0.0209	0.00000532	17.7	0.0000154
2112 Sep	60.5	0.0503	0.0209	0.00139	16.8	0.0303	5.72	0.00106	0.00106	0.00000531	0.00617	0.00109	0.011	0.0209	0.00000532	17.7	0.0000154
2112 Oct	60.4	0.0503	0.0208	0.00139	16.8	0.0303	5.71	0.00106	0.00106	0.00000531	0.00616	0.00109	0.011	0.0208	0.00000532	17.7	0.0000154
2112 Nov	60.4	0.0503	0.0208	0.00139	16.8	0.0303	5.71	0.00106	0.00106	0.00000531	0.00616	0.00109	0.011	0.0208	0.00000532	17.7	0.0000154
2112 Dec	60.4	0.0503	0.0208	0.00139	16.8	0.0303	5.71	0.00106	0.00106	0.00000531	0.00616	0.00109	0.011	0.0208	0.00000532	17.7	0.0000154
2113 Jan	60.4	0.0503	0.0208	0.00139	16.8	0.0303	5.71	0.00106	0.00106	0.00000531	0.00616	0.00109	0.011	0.0208	0.00000532	17.7	0.0000154
2113 Feb	60.4	0.0503	0.0208	0.00139	16.8	0.0303	5.71	0.00106	0.00106	0.00000531	0.00616	0.00109	0.011	0.0208	0.00000532	17.7	0.0000154
2113 Mar	60.5	0.0503	0.0208	0.00139	16.8	0.0303	5.72	0.00106	0.00106	0.00000531	0.00616	0.00109	0.011	0.0208	0.00000532	17.7	0.0000154
2113 Apr	60.5	0.0504	0.0208	0.00139	16.8	0.0303	5.72	0.00106	0.00106	0.00000531	0.00617	0.00109	0.011	0.0209	0.00000532	17.7	0.0000154
2113 May	60.6	0.0504	0.0209	0.00139	16.8	0.0304	5.73	0.00106	0.00106	0.00000532	0.00618	0.00109	0.0111	0.0209	0.00000533	17.7	0.0000155
2113 Jun	60.5	0.0503	0.0208	0.00139	16.8	0.0302	5.71	0.00105	0.00105	0.0000053	0.00616	0.00109	0.011	0.0209	0.00000531	17.7	0.0000154
2113 Jul	60.8	0.0505	0.0208	0.00139	16.9	0.0303	5.73	0.00106	0.00106	0.00000532	0.00619	0.0011	0.011	0.021	0.00000533	17.8	0.0000155
2113 Aug	60.9	0.0507	0.0209	0.0014	16.9	0.0304	5.75	0.00106	0.00106	0.00000534	0.00621	0.0011	0.0111	0.0211	0.00000535	17.9	0.0000156
2113 Sep	60.9	0.0507	0.0209	0.0014	16.9	0.0304	5.74	0.00106	0.00106	0.00000533	0.0062	0.0011	0.0111	0.0211	0.00000534	17.8	0.0000155
2113 Oct	60.5	0.0505	0.0207	0.00139	16.8	0.0303	5.71	0.00105	0.00105	0.0000053	0.00617	0.00109	0.011	0.0209	0.00000531	17.7	0.0000154
2113 Nov	60.4	0.0505	0.0207	0.00138	16.8	0.0303	5.7	0.00105	0.00105	0.0000053	0.00617	0.00109	0.011	0.0209	0.00000531	17.7	0.0000154
2113 Dec	60.4	0.0505	0.0207	0.00138	16.8	0.0303	5.7	0.00105	0.00105	0.0000053	0.00617	0.00109	0.011	0.0209	0.00000531	17.7	0.0000154
2114 Jan	60.4	0.0505	0.0207	0.00138	16.8	0.0303	5.7	0.00105	0.00105	0.0000053	0.00617	0.00109	0.011	0.0209	0.00000531	17.7	0.0000154
2114 Feb	60.4	0.0505	0.0207	0.00138	16.8	0.0303	5.7	0.00105	0.00105	0.0000053	0.00617	0.00109	0.011	0.0209	0.00000531	17.7	0.0000154
2114 Mar	60.4	0.0506	0.0207	0.00138	16.8	0.0303	5.7	0.00105	0.00105	0.0000053	0.00617	0.00109	0.011	0.0209	0.00000531	17.7	0.0000154
2114 Apr	60.5	0.0506	0.0207	0.00138	16.8	0.0303	5.7	0.00105	0.00105	0.0000053	0.00617	0.00109	0.011	0.0209	0.00000531	17.7	0.0000154
2114 May	60.5	0.0506	0.0207	0.00138	16.8	0.0303	5.71	0.00105	0.00105	0.0000053	0.00617	0.0011	0.011	0.021	0.00000531	17.8	0.0000154
2114 Jun	60.6	0.0507	0.0207	0.00138	16.8	0.0303	5.71	0.00105	0.00105	0.0000053	0.00618	0.0011	0.011	0.021	0.00000531	17.8	0.0000155
2114 Jul	61.1	0.051	0.0208	0.00139	16.9	0.0305	5.75	0.00106	0.00106	0.00000534	0.00623	0.00111	0.0111	0.0212	0.00000535	17.9	0.0000156
2114 Aug	61.4	0.0514	0.0209	0.0014	17	0.0307	5.79	0.00107	0.00107	0.00000537	0.00627	0.00111	0.0111	0.0213	0.00000538	18.1	0.0000157
2114 Sep	61.3	0.0513	0.0209	0.0014	17	0.0306	5.78	0.00107	0.00107	0.00000536	0.00626	0.00111	0.0111	0.0213	0.00000537	18	0.0000157
2114 Oct	61.1	0.0513	0.0208	0.00139	16.9	0.0306	5.76	0.00106	0.00106	0.00000535	0.00624	0.00111	0.0111	0.0212	0.00000536	18	0.0000156
2114 Nov	61	0.0512	0.0207	0.00139	16.9	0.0305	5.74	0.00106	0.00106	0.00000533	0.00623	0.00111	0.0111	0.0212	0.00000534	17.9	0.0000156
2114 Dec	61	0.0512	0.0207	0.00139	16.9	0.0305	5.74	0.00106	0.00106	0.00000533	0.00623	0.00111	0.0111	0.0212	0.00000534	17.9	0.0000156
2115 Jan	61	0.0512	0.0207	0.00139	16.9	0.0305	5.74	0.00106	0.00106	0.00000533	0.00623	0.00111	0.0111	0.0212	0.00000534	17.9	0.0000156
2115 Feb	61	0.0513	0.0207	0.00139	16.9	0.0305	5.74	0.00106	0.00106	0.00000533	0.00623	0.00111	0.0111	0.0212	0.00000534	17.9	0.0000156
2115 Mar	61	0.0513	0.0207	0.00139	16.9	0.0305	5.74	0.00106	0.00106	0.00000533	0.00623	0.00111	0.0111	0.0212	0.00000534	17.9	0.0000156
2115 Apr	61	0.0513	0.0207	0.00139	16.9	0.0305	5.75	0.00106	0.00106	0.00000534	0.00623	0.00111	0.0111	0.0212	0.00000534	17.9	0.0000156
2115 May	61.1	0.0513	0.0207	0.00139	16.9	0.0305	5.75	0.00106	0.00106	0.00000533	0.00623	0.00111	0.0111	0.0212	0.00000534	18	0.0000156
2115 Jun	61.3	0.0515	0.0208	0.00139	16.9	0.0306	5.77	0.00106	0.00106	0.00000535	0.00626	0.00111	0.0111	0.0213	0.00000536	18.1	0.0000157
2115 Jul	61.7	0.0518	0.0209	0.0014	17	0.0308	5.8	0.00107	0.00107	0.00000538	0.00629	0.00112	0.0112	0.0215	0.00000539	18.2	0.0000157
2115 Aug	61.5	0.0517	0.0208	0.0014	17	0.0307	5.79	0.00107	0.00107	0.00000537	0.00628	0.00112	0.0111	0.0214	0.00000538	18.1	0.0000157
2115 Sep	61.5	0.0517	0.0208	0.0014	17	0.0308	5.79	0.00107	0.00107	0.00000537	0.00628	0.00112	0.0111	0.0214	0.00000538	18.1	0.0000157

Appendix C.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	49.7	0.0309	0.0204	0.00137	16.7	0.03	5.69	0.000987	0.000987	0.00000503	0.00326	0.000412	0.011	0.00888	0.00000506	8.23	0.00000717
Post Closure (2039-2048): Mean	56.2	0.0414	0.0263	0.00165	18.1	0.0305	5.98	0.00105	0.00105	0.0000053	0.00516	0.000823	0.0115	0.0159	0.00000532	13.8	0.0000127
Post Closure (2039-2048): Max	62.5	0.0533	0.0348	0.00199	20.5	0.0313	6.54	0.0011	0.0011	0.00000552	0.00638	0.00115	0.0119	0.0221	0.00000554	18.7	0.000016
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2115 Oct	61.5	0.0517	0.0208	0.0014	17	0.0308	5.79	0.00107	0.00107	0.00000537	0.00628	0.00112	0.0111	0.0214	0.00000538	18.1	0.0000157
2115 Nov	61.4	0.0517	0.0208	0.00139	17	0.0307	5.78	0.00107	0.00107	0.00000537	0.00628	0.00112	0.0111	0.0214	0.00000538	18.1	0.0000157
2115 Dec	61.4	0.0518	0.0208	0.00139	17	0.0307	5.78	0.00107	0.00107	0.00000537	0.00628	0.00112	0.0111	0.0214	0.00000538	18.1	0.0000157
2116 Jan	61.4	0.0518	0.0208	0.00139	17	0.0307	5.78	0.00107	0.00107	0.00000537	0.00628	0.00112	0.0111	0.0214	0.00000538	18.1	0.0000157
2116 Feb	61.4	0.0518	0.0208	0.00139	17	0.0308	5.78	0.00107	0.00107	0.00000537	0.00628	0.00112	0.0111	0.0214	0.00000538	18.1	0.0000157
2116 Mar	61.5	0.0518	0.0208	0.00139	17	0.0308	5.78	0.00107	0.00107	0.00000537	0.00628	0.00112	0.0111	0.0214	0.00000538	18.1	0.0000157
2116 Apr	61.5	0.0518	0.0208	0.0014	17	0.0308	5.78	0.00107	0.00107	0.00000537	0.00628	0.00112	0.0111	0.0214	0.00000538	18.1	0.0000157
2116 May	61.6	0.0519	0.0208	0.0014	17	0.0308	5.79	0.00107	0.00107	0.00000537	0.00629	0.00112	0.0111	0.0215	0.00000538	18.2	0.0000157
2116 Jun	61.2	0.0515	0.0206	0.00138	16.9	0.0305	5.75	0.00106	0.00106	0.00000533	0.00625	0.00112	0.011	0.0214	0.00000534	18.1	0.0000156
2116 Jul	61.6	0.0518	0.0207	0.00139	17	0.0306	5.78	0.00107	0.00107	0.00000536	0.00628	0.00112	0.0111	0.0215	0.00000537	18.2	0.0000157
2116 Aug	61.9	0.0521	0.0208	0.00139	17	0.0308	5.81	0.00107	0.00107	0.00000539	0.00632	0.00113	0.0112	0.0216	0.0000054	18.3	0.0000158
2116 Sep	61.7	0.052	0.0207	0.00139	17	0.0307	5.79	0.00107	0.00107	0.00000537	0.0063	0.00112	0.0111	0.0216	0.00000538	18.2	0.0000157
2116 Oct	61.4	0.052	0.0206	0.00138	16.9	0.0307	5.77	0.00106	0.00106	0.00000535	0.00629	0.00112	0.0111	0.0215	0.00000536	18.2	0.0000157
2116 Nov	61.4	0.052	0.0206	0.00138	16.9	0.0307	5.77	0.00106	0.00106	0.00000535	0.00629	0.00112	0.0111	0.0215	0.00000536	18.2	0.0000157
2116 Dec	61.4	0.052	0.0206	0.00138	16.9	0.0307	5.77	0.00106	0.00106	0.00000535	0.00629	0.00112	0.0111	0.0215	0.00000536	18.2	0.0000157
2117 Jan	61.4	0.052	0.0206	0.00138	16.9	0.0307	5.77	0.00106	0.00106	0.00000535	0.00629	0.00112	0.0111	0.0215	0.00000536	18.2	0.0000157
2117 Feb	61.4	0.052	0.0206	0.00138	16.9	0.0307	5.77	0.00106	0.00106	0.00000535	0.00629	0.00112	0.0111	0.0215	0.00000536	18.2	0.0000157
2117 Mar	61.4	0.052	0.0206	0.00138	16.9	0.0307	5.77	0.00106	0.00106	0.00000535	0.00629	0.00112	0.0111	0.0215	0.00000536	18.2	0.0000157
2117 Apr	61.5	0.0521	0.0206	0.00139	16.9	0.0307	5.77	0.00106	0.00106	0.00000536	0.00629	0.00112	0.0111	0.0215	0.00000536	18.2	0.0000157
2117 May	61.6	0.0522	0.0206	0.00139	17	0.0307	5.78	0.00107	0.00107	0.00000536	0.0063	0.00113	0.0111	0.0216	0.00000537	18.2	0.0000157
2117 Jun	61.7	0.0522	0.0206	0.00139	17	0.0307	5.79	0.00107	0.00107	0.00000536	0.00631	0.00113	0.0111	0.0216	0.00000537	18.3	0.0000158
2117 Jul	62.1	0.0526	0.0208	0.00139	17.1	0.0309	5.82	0.00107	0.00107	0.0000054	0.00635	0.00114	0.0112	0.0218	0.00000541	18.4	0.0000159
2117 Aug	62.3	0.0527	0.0208	0.0014	17.1	0.031	5.84	0.00108	0.00108	0.00000541	0.00637	0.00114	0.0112	0.0218	0.00000542	18.5	0.0000159
2117 Sep	62.4	0.0528	0.0208	0.0014	17.1	0.0311	5.85	0.00108	0.00108	0.00000542	0.00638	0.00114	0.0112	0.0219	0.00000543	18.5	0.0000159
2117 Oct	62.3	0.0528	0.0208	0.0014	17.1	0.031	5.84	0.00108	0.00108	0.00000542	0.00637	0.00114	0.0112	0.0218	0.00000542	18.5	0.0000159
2117 Nov	62.3	0.0528	0.0208	0.0014	17.1	0.031	5.84	0.00108	0.00108	0.00000541	0.00637	0.00114	0.0112	0.0218	0.00000542	18.5	0.0000159
2117 Dec	62.3	0.0528	0.0208	0.0014	17.1	0.031	5.84	0.00108	0.00108	0.00000541	0.00637	0.00114	0.0112	0.0218	0.00000542	18.5	0.0000159
2118 Jan	62.3	0.0528	0.0208	0.0014	17.1	0.031	5.84	0.00108	0.00108	0.00000541	0.00637	0.00114	0.0112	0.0218	0.00000542	18.5	0.0000159
2118 Feb	62.3	0.0528	0.0208	0.0014	17.1	0.031	5.84	0.00108	0.00108	0.00000541	0.00637	0.00114	0.0112	0.0218	0.00000542	18.5	0.0000159
2118 Mar	62.3	0.0528	0.0208	0.0014	17.1	0.031	5.84	0.00108	0.00108	0.00000541	0.00637	0.00114	0.0112	0.0218	0.00000542	18.5	0.0000159
2118 Apr	62.3	0.0528	0.0208	0.0014	17.1	0.0311	5.84	0.00108	0.00108	0.00000542	0.00637	0.00114	0.0112	0.0218	0.00000543	18.5	0.0000159
2118 May	62.3	0.0529	0.0208	0.00139	17.1	0.031	5.84	0.00108	0.00108	0.00000541	0.00637	0.00114	0.0112	0.0219	0.00000542	18.5	0.0000159
2118 Jun	62.1	0.0526	0.0206	0.00138	17	0.0307	5.81	0.00107	0.00107	0.00000537	0.00633	0.00114	0.0111	0.0219	0.00000538	18.5	0.0000158
2118 Jul	62.5	0.053	0.0208	0.00139	17.1	0.0309	5.85	0.00108	0.00108	0.00000541	0.00638	0.00115	0.0112	0.022	0.00000542	18.6	0.000016
2118 Aug	62.5	0.053	0.0208	0.00139	17.1	0.031	5.84	0.00108	0.00108	0.00000541	0.00638	0.00115	0.0112	0.022	0.00000542	18.6	0.000016
2118 Sep	62.2	0.0528	0.0206	0.00138	17	0.0308	5.81	0.00107	0.00107	0.00000538	0.00635	0.00114	0.0111	0.0219	0.00000539	18.5	0.0000159
2118 Oct	61.9	0.0528	0.0205	0.00138	17	0.0308	5.79	0.00107	0.00107	0.00000536	0.00634	0.00114	0.0111	0.0218	0.00000537	18.5	0.0000158
2118 Nov	61.9	0.0528	0.0205	0.00138	17	0.0308	5.79	0.00107	0.00107	0.00000536	0.00633	0.00114	0.0111	0.0218	0.00000537	18.4	0.0000158
2118 Dec	61.9	0.0528	0.0205	0.00138	17	0.0308	5.79	0.00107	0.00107	0.00000536	0.00633	0.00114	0.0111	0.0218	0.00000537	18.4	0.0000158
2119 Jan	61.9	0.0528	0.0205	0.00138	17	0.0308	5.79	0.00107	0.00107	0.00000536	0.00633	0.00114	0.0111	0.0218	0.00000537	18.4	0.0000158
2119 Feb	61.9	0.0528	0.0205	0.00138	17	0.0308	5.79	0.00107	0.00107	0.00000536	0.00633	0.00114	0.0111	0.0218	0.00000537	18.4	0.0000158
2119 Mar	61.9	0.0528	0.0205	0.00138	17	0.0308	5.79	0.00107	0.00107	0.00000536	0.00633	0.00114	0.0111	0.0218	0.00000537	18.5	0.0000158
2119 Apr	62	0.0529	0.0205	0.00138	17	0.0308	5.8	0.00107	0.00107	0.00000537	0.00634	0.00114	0.0111	0.0219	0.00000538	18.5	0.0000158
2119 May	62	0.0529	0.0205	0.00137	17	0.0306	5.79	0.00106	0.00106	0.00000535	0.00632	0.00114	0.011	0.0219	0.00000535	18.5	0.0000158
2119 Jun	62	0.0528	0.0204	0.00137	16.9	0.0306	5.78	0.00106	0.00106	0.00000533	0.00631	0.00114	0.011	0.0219	0.00000534	18.5	0.0000158
2119 Jul	62.3	0.0531	0.0205	0.00138	17	0.0308	5.82	0.00107	0.00107	0.00000537	0.00635	0.00115	0.0111	0.0221	0.00000538	18.7	0.0000159
2119 Aug	62.5	0.0533	0.0206	0.00138	17.1	0.0309	5.83	0.00107	0.00107	0.00000539	0.00637	0.00115	0.0111	0.0221	0.00000539	18.7	0.0000159
2119 Sep	62.4	0.0532	0.0205	0.00138	17	0.0308	5.82	0.00107	0.00107	0.00000537	0.00636	0.00115	0.0111	0.0221	0.00000538	18.7	0.0000159
2119 Oct	62.2	0.0532	0.0204	0.00137	17	0.0308	5.8	0.00107	0.00107	0.00000536	0.00635	0.00115	0.0111	0.022	0.00000537	18.6	0.0000158
2119 Nov	62.1	0.0532	0.0204	0.00137	17	0.0307	5.8	0.00106	0.00106	0.00000535	0.00634	0.00114	0.0111	0.022	0.00000536	18.6	0.0000158
2119 Dec	62.1	0.0532	0.0204	0.00137	17	0.0307	5.8	0.00106	0.00106	0.00000535	0.00634	0.00114	0.0111	0.022	0.00000536	18.6	0.0000158

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
Model Predictions (2039-2119)																					
2039 Jan	0.000101	0.000104	0.000839	0.0219	0.0000019	1.19	1.54	0.00853	0.000161	9.16	0.00089	0.00481	0.000061	0.0000842	0.0000628	0.0467	0.00000201	0.0000989	0.000127	0.000901	0.000129
2039 Feb	0.000101	0.000104	0.000839	0.0219	0.0000019	1.19	1.54	0.00853	0.000161	9.16	0.00089	0.00481	0.000061	0.0000842	0.0000628	0.0467	0.00000201	0.0000989	0.000127	0.000901	0.000129
2039 Mar	0.000101	0.000104	0.000839	0.0219	0.0000019	1.19	1.54	0.00853	0.000161	9.17	0.00089	0.00481	0.000061	0.0000842	0.0000628	0.0467	0.00000201	0.0000989	0.000127	0.000901	0.000129
2039 Apr	0.000101	0.000104	0.000839	0.0219	0.0000019	1.19	1.54	0.00853	0.000161	9.17	0.000891	0.00481	0.000061	0.0000842	0.0000628	0.0467	0.00000201	0.0000989	0.000127	0.000901	0.000129
2039 May	0.000101	0.000104	0.000841	0.0219	0.0000019	1.19	1.54	0.00854	0.000161	9.18	0.000892	0.00482	0.0000611	0.0000843	0.0000629	0.0468	0.00000202	0.0000991	0.000127	0.000903	0.00013
2039 Jun	0.000101	0.000104	0.000836	0.0224	0.00000196	1.18	1.54	0.00862	0.00016	9.1	0.00089	0.00483	0.0000617	0.000085	0.0000626	0.0467	0.00000201	0.0000983	0.00013	0.000907	0.000128
2039 Jul	0.000102	0.000104	0.000832	0.0228	0.000002	1.18	1.53	0.00868	0.00016	9.02	0.000887	0.00484	0.0000622	0.0000852	0.0000623	0.0466	0.000002	0.0000977	0.000131	0.000909	0.000127
2039 Aug	0.000102	0.000105	0.000834	0.023	0.00000203	1.18	1.54	0.00872	0.00016	9.03	0.00089	0.00486	0.0000626	0.0000854	0.0000624	0.0468	0.00000201	0.0000978	0.000132	0.000913	0.000127
2039 Sep	0.000102	0.000105	0.000836	0.0231	0.00000204	1.18	1.54	0.00874	0.000161	9.05	0.000892	0.00488	0.0000627	0.0000856	0.0000625	0.0469	0.00000201	0.000098	0.000132	0.000915	0.000127
2039 Oct	0.000102	0.000105	0.000836	0.0231	0.00000204	1.18	1.54	0.00874	0.000161	9.05	0.000892	0.00488	0.0000627	0.0000856	0.0000625	0.0469	0.00000201	0.000098	0.000132	0.000915	0.000127
2039 Nov	0.000102	0.000105	0.000836	0.0231	0.00000204	1.18	1.54	0.00874	0.000161	9.05	0.000892	0.00488	0.0000627	0.0000856	0.0000625	0.0469	0.00000201	0.000098	0.000132	0.000915	0.000127
2039 Dec	0.000102	0.000105	0.000836	0.0231	0.00000204	1.18	1.54	0.00874	0.000161	9.05	0.000892	0.00488	0.0000627	0.0000856	0.0000625	0.0469	0.00000201	0.000098	0.000132	0.000915	0.000127
2040 Jan	0.000102	0.000105	0.000836	0.0231	0.00000204	1.18	1.54	0.00874	0.000161	9.05	0.000892	0.00488	0.0000627	0.0000856	0.0000625	0.0469	0.00000201	0.000098	0.000132	0.000915	0.000127
2040 Feb	0.000102	0.000105	0.000836	0.0231	0.00000204	1.18	1.54	0.00874	0.000161	9.05	0.000892	0.00488	0.0000627	0.0000856	0.0000625	0.0469	0.00000201	0.000098	0.000132	0.000915	0.000127
2040 Mar	0.000102	0.000105	0.000836	0.0231	0.00000204	1.18	1.54	0.00874	0.000161	9.05	0.000892	0.00488	0.0000627	0.0000856	0.0000625	0.0469	0.00000201	0.000098	0.000132	0.000915	0.000127
2040 Apr	0.000102	0.000105	0.000837	0.0232	0.00000204	1.18	1.54	0.00874	0.000161	9.05	0.000892	0.00488	0.0000627	0.0000856	0.0000625	0.0469	0.00000201	0.0000981	0.000132	0.000915	0.000127
2040 May	0.000103	0.000105	0.000838	0.0233	0.00000205	1.18	1.54	0.00881	0.000161	9.07	0.000894	0.00489	0.0000633	0.0000858	0.0000627	0.0471	0.00000201	0.0000982	0.000133	0.000917	0.000127
2040 Jun	0.000104	0.000108	0.000836	0.0245	0.00000211	1.18	1.55	0.00932	0.000161	8.99	0.000895	0.00492	0.0000677	0.0000866	0.0000627	0.0475	0.00000201	0.0000974	0.00014	0.000922	0.000125
2040 Jul	0.000105	0.000108	0.000838	0.0247	0.00000213	1.19	1.56	0.00937	0.000161	9.01	0.000898	0.00494	0.0000681	0.0000871	0.0000628	0.0477	0.00000201	0.0000977	0.000141	0.000926	0.000126
2040 Aug	0.000105	0.000108	0.000841	0.0248	0.00000214	1.19	1.56	0.0094	0.000162	9.04	0.000901	0.00496	0.0000684	0.0000873	0.0000631	0.0479	0.00000202	0.000098	0.000141	0.000929	0.000126
2040 Sep	0.000105	0.000109	0.000842	0.0249	0.00000215	1.19	1.56	0.00941	0.000163	9.05	0.000903	0.00497	0.0000684	0.0000874	0.0000631	0.048	0.00000202	0.0000981	0.000141	0.000931	0.000126
2040 Oct	0.000105	0.000109	0.000843	0.0249	0.00000215	1.19	1.56	0.00942	0.000163	9.05	0.000903	0.00498	0.0000685	0.0000874	0.0000631	0.048	0.00000202	0.0000982	0.000141	0.000931	0.000126
2040 Nov	0.000106	0.000109	0.000843	0.025	0.00000216	1.19	1.57	0.00942	0.000163	9.05	0.000903	0.00498	0.0000685	0.0000874	0.0000632	0.048	0.00000202	0.0000982	0.000141	0.000932	0.000126
2040 Dec	0.000106	0.000109	0.000843	0.025	0.00000216	1.19	1.57	0.00942	0.000163	9.05	0.000903	0.00498	0.0000685	0.0000875	0.0000632	0.048	0.00000202	0.0000982	0.000141	0.000932	0.000126
2041 Jan	0.000106	0.000109	0.000843	0.025	0.00000216	1.19	1.57	0.00942	0.000163	9.05	0.000903	0.00498	0.0000685	0.0000875	0.0000632	0.048	0.00000202	0.0000982	0.000141	0.000932	0.000126
2041 Feb	0.000106	0.000109	0.000843	0.025	0.00000216	1.19	1.57	0.00942	0.000163	9.05	0.000903	0.00498	0.0000685	0.0000875	0.0000632	0.048	0.00000202	0.0000982	0.000141	0.000932	0.000126
2041 Mar	0.000106	0.000109	0.000843	0.025	0.00000216	1.19	1.57	0.00942	0.000163	9.05	0.000904	0.00498	0.0000685	0.0000875	0.0000632	0.048	0.00000202	0.0000982	0.000141	0.000932	0.000126
2041 Apr	0.000106	0.000109	0.000843	0.025	0.00000216	1.19	1.57	0.00943	0.000163	9.06	0.000904	0.00498	0.0000685	0.0000875	0.0000632	0.048	0.00000202	0.0000982	0.000141	0.000932	0.000126
2041 May	0.000106	0.000109	0.000844	0.025	0.00000216	1.19	1.57	0.00945	0.000163	9.07	0.000905	0.00499	0.0000687	0.0000876	0.0000633	0.0481	0.00000203	0.0000983	0.000142	0.000933	0.000126
2041 Jun	0.000106	0.000109	0.00084	0.0255	0.00000221	1.19	1.56	0.00953	0.000162	8.99	0.000903	0.00501	0.0000693	0.0000883	0.000063	0.0481	0.00000202	0.0000976	0.000144	0.000938	0.000125
2041 Jul	0.000106	0.000109	0.000835	0.0259	0.00000225	1.18	1.55	0.00957	0.000161	8.9	0.0009	0.00501	0.0000697	0.0000886	0.0000626	0.0479	0.00000201	0.0000969	0.000146	0.00094	0.000123
2041 Aug	0.000107	0.000109	0.000839	0.026	0.00000227	1.19	1.56	0.00962	0.000162	8.95	0.000904	0.00504	0.0000701	0.000089	0.0000629	0.0482	0.00000202	0.0000973	0.000147	0.000945	0.000124
2041 Sep	0.000107	0.000109	0.000841	0.0261	0.00000228	1.19	1.56	0.00964	0.000163	8.96	0.000906	0.00505	0.0000701	0.0000891	0.000063	0.0483	0.00000202	0.0000975	0.000147	0.000946	0.000124
2041 Oct	0.000107	0.000109	0.000841	0.0261	0.00000228	1.19	1.56	0.00964	0.000163	8.96	0.000906	0.00505	0.0000701	0.0000891	0.0000629	0.0483	0.00000202	0.0000975	0.000147	0.000946	0.000124
2041 Nov	0.000107	0.000109	0.000841	0.0261	0.00000228	1.19	1.57	0.00964	0.000163	8.96	0.000906	0.00505	0.0000701	0.0000891	0.000063	0.0483	0.00000202	0.0000975	0.000147	0.000947	0.000124
2041 Dec	0.000107	0.000109	0.000841	0.0261	0.00000228	1.19	1.57	0.00964	0.000163	8.96	0.000906	0.00505	0.0000701	0.0000891	0.000063	0.0483	0.00000202	0.0000975	0.000147	0.000947	0.000124
2042 Jan	0.000107	0.000109	0.000841	0.0261	0.00000228	1.19	1.57	0.00964	0.000163	8.96	0.000906	0.00505	0.0000701	0.0000891	0.000063	0.0483	0.00000202	0.0000975	0.000147	0.000947	0.000124
2042 Feb	0.000107	0.000109	0.000841	0.0261	0.00000228	1.19	1.57	0.00964	0.000163	8.96	0.000906	0.00505	0.0000701	0.0000891	0.000063	0.0483	0.00000202	0.0000975	0.000147	0.000947	0.000124
2042 Mar	0.000107	0.000109	0.000841	0.0261	0.00000228	1.19	1.57	0.00964	0.000163	8.96	0.000906	0.00505	0.0000701	0.0000891	0.000063	0.0483	0.00000202	0.0000975	0.000147	0.000947	0.000124
2042 Apr	0.000107	0.00011	0.000842	0.0262	0.00000228	1.19	1.57	0.00965	0.000163	8.97	0.000907	0.00506	0.0000702	0.0000892	0.000063	0.0483	0.00000202	0.0000976	0.000147	0.000947	0.000124
2042 May	0.000108	0.00011	0.000843	0.0262	0.00000229	1.19	1.57	0.00968	0.000164	8.99	0.000909	0.00507	0.0000704	0.0000894	0.0000632	0.0484	0.00000203	0.0000978	0.000148	0.00095	0.000124
2042 Jun	0.000108	0.00011	0.00084	0.0266	0.00000233	1.19	1.57	0.00974	0.000163	8.93	0.000908	0.00508	0.0000709	0.0000899	0.0000629	0.0484	0.00000202	0.0000973	0.00015	0.000953	0.000123
2042 Jul	0.000108	0.00011	0.000839	0.0269	0.00000236	1.19	1.56	0.00977	0.000163	8.9	0.000907	0.00509	0.0000712	0.0000902	0.0000628	0.0484	0.00000202	0.000097	0.000151	0.000956	0.000123
2042 Aug	0.000108	0.00011	0.000838	0.027	0.00000238	1.19	1.56	0.00978	0.000163	8.87	0.000906	0.0051	0.0000712	0.00009	0.0000627	0.0484	0.00000202	0.0000968	0.000151	0.000956	0.000122
2042 Sep	0.000109	0.00011	0.000837	0.0271	0.00000239	1.18	1.56	0.00979	0.000163	8.85	0.000906	0.0051	0.0000712	0.0000899	0.0000626	0.0484	0.00000202	0.0000966	0.000151	0.000956	0.000122
2042 Oct	0.000109	0.00011	0.000836	0.0272	0.0000024	1.18	1.56	0.00979	0.000164	8.84	0.000905	0.00511	0.0000712	0.0000898	0.0000626	0.0484	0.00000201	0.0000965	0.000151	0.000956	0.000121
2042 Nov	0.000109	0.00011	0.000837	0.0272	0.0000024	1.18	1.56	0.00979	0.000164	8.84	0.000906	0.00511	0.0000712	0.0000899	0.0000626	0.0484	0.00000202	0.0000965	0.000151	0.000956	0.000122
2042 Dec	0.000109	0.00011	0.000837	0.0272	0.0000024	1.18	1.56	0.00979	0.000164	8.84	0.000906	0.00511	0.0000712	0.0000899	0.0000626	0.0484	0.00000202	0.0000965	0.000151	0.000956	0.000122
2043 Jan	0.000109	0.00011	0.000837	0.0272	0.0000024	1.18	1.56	0.00979	0.000164	8.84	0.000906	0.00511	0.0000712	0.0000899	0.0000626	0.0484	0.00000202	0.0000965	0.000151	0.000956	0.000122
2043 Feb	0.000109	0.00011	0.000837	0.0272	0.0000024	1.18	1.56	0.00979	0.000164	8.84	0.000906	0.00511	0.0000712	0.0000899	0.0000626	0.0484	0.00000202	0.0000965	0.000151	0.000956	0.000122
2043 Mar	0.000109	0.00011	0.000837	0.0272	0.0000024	1.18	1.56	0.00979	0.000164	8.84	0.000906	0.00511	0.0000712	0.0000899	0.0000626	0.0484	0.00000202	0.0000965	0.000151	0.000956	0.000122
2043 Apr	0.000109	0.00011	0.000837	0.0272	0.0000024	1.18	1.56	0.0098	0.000164	8.85	0.000906	0.00511	0.0000712	0.0000899	0.0000626	0.0485	0.00000202	0.0000966	0.000151	0.000957	0.000122
2043 May	0.000109	0.00011	0.000839	0.0274	0.00000241	1.19	1.57	0.00986	0.000164	8.86	0.000909	0.00513	0.0000717	0.0000902	0.0000628	0.0486	0.00000202	0.0000968	0.000152	0.000959	0.000122
2043 Jun	0.000111	0.000112	0.000838	0.0284	0.00000247	1.19	1.57	0.0103	0.000164	8.81	0.00091	0.00515	0.0000754	0.0000908	0.0000628	0.049	0.00000201	0.0000962	0.000157	0.000963	0.00012
2043 Jul	0.000111	0.000113	0.000842	0.0286	0.00000249	1.19	1.58	0.0103	0.000165	8.85	0.000915	0.00518	0.0000759	0.0000914	0.0000631	0.0493	0.00000203	0.0000967	0.000159	0.00097	0.000121
2043 Aug	0.000112	0.000113	0.000846	0.0288	0.00000251	1.2	1.59	0.0104	0.000166	8.89	0.00092	0.00521	0.0000763	0.0000919	0.0000634	0.0496	0.00000204	0.0000972	0.000159	0.000975	0.000122
2043 Sep	0.000112	0.000114	0.000847	0.0288	0.00000251	1.2	1.59	0.0104	0.000166	8.9	0.000921	0.00522	0.0000763	0.0000919	0.0000635	0.0496	0.00000204	0.0000973	0.000159	0.000976	0.000122
2043 Oct	0.000112	0.000113	0.000847	0.0289	0.00000252	1.2	1.59	0.0104	0.000166	8.89	0.00092	0.00522	0.0000762	0.0000918	0.0000634	0.0496	0.00000204	0.0000972	0.000159	0.000975	0.000121
2043 Nov	0.000112	0.000113	0.000847	0.0289	0.00000252	1.2	1.59	0.0104	0.000167	8.88	0.00092	0.00523	0.0000761	0.0000917	0.0000634	0.0496	0.00000204	0.0000971	0.000159	0.000975	0.000121

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2043 Dec	0.000112	0.000113	0.000847	0.0289	0.00000252	1.2	1.59	0.0104	0.000167	8.88	0.00092	0.00523	0.0000761	0.0000917	0.0000634	0.0496	0.00000204	0.0000971	0.000159	0.000975	0.000121
2044 Jan	0.000112	0.000113	0.000847	0.0289	0.00000252	1.2	1.59	0.0104	0.000167	8.88	0.00092	0.00523	0.0000761	0.0000917	0.0000634	0.0496	0.00000204	0.0000971	0.000159	0.000975	0.000121
2044 Feb	0.000112	0.000113	0.000847	0.0289	0.00000252	1.2	1.59	0.0104	0.000167	8.88	0.00092	0.00523	0.0000761	0.0000917	0.0000634	0.0496	0.00000204	0.0000971	0.000159	0.000975	0.000121
2044 Mar	0.000112	0.000113	0.000847	0.0289	0.00000252	1.2	1.59	0.0104	0.000167	8.88	0.00092	0.00523	0.0000761	0.0000917	0.0000634	0.0496	0.00000204	0.0000971	0.000159	0.000975	0.000121
2044 Apr	0.000112	0.000113	0.000847	0.0289	0.00000252	1.2	1.59	0.0104	0.000167	8.88	0.00092	0.00523	0.0000762	0.0000917	0.0000634	0.0497	0.00000204	0.0000972	0.000159	0.000975	0.000121
2044 May	0.000112	0.000114	0.000848	0.029	0.00000253	1.2	1.59	0.0104	0.000167	8.9	0.000922	0.00524	0.0000763	0.0000919	0.0000635	0.0497	0.00000204	0.0000973	0.00016	0.000977	0.000121
2044 Jun	0.000113	0.000114	0.000842	0.0296	0.00000258	1.19	1.59	0.0106	0.000166	8.79	0.000918	0.00524	0.0000776	0.0000924	0.0000631	0.0497	0.00000203	0.0000964	0.000163	0.00098	0.00012
2044 Jul	0.000113	0.000114	0.000844	0.0298	0.00000261	1.2	1.59	0.0106	0.000166	8.8	0.000921	0.00527	0.000078	0.000093	0.0000633	0.0499	0.00000203	0.0000965	0.000164	0.000985	0.00012
2044 Aug	0.000114	0.000115	0.00085	0.0301	0.00000263	1.2	1.6	0.0107	0.000168	8.86	0.000928	0.00531	0.0000786	0.0000936	0.0000637	0.0502	0.00000205	0.0000972	0.000165	0.000992	0.00012
2044 Sep	0.000114	0.000115	0.000849	0.0301	0.00000264	1.2	1.6	0.0107	0.000168	8.84	0.000926	0.00531	0.0000783	0.0000933	0.0000636	0.0502	0.00000204	0.000097	0.000165	0.000991	0.00012
2044 Oct	0.000114	0.000115	0.000848	0.0301	0.00000264	1.2	1.6	0.0107	0.000168	8.83	0.000926	0.00531	0.0000782	0.0000932	0.0000635	0.0501	0.00000204	0.0000969	0.000165	0.00099	0.00012
2044 Nov	0.000114	0.000115	0.000848	0.0301	0.00000264	1.2	1.6	0.0107	0.000168	8.83	0.000926	0.00531	0.0000782	0.0000932	0.0000635	0.0502	0.00000204	0.0000969	0.000165	0.00099	0.00012
2044 Dec	0.000114	0.000115	0.000848	0.0301	0.00000264	1.2	1.6	0.0107	0.000168	8.83	0.000926	0.00531	0.0000782	0.0000932	0.0000635	0.0502	0.00000204	0.0000969	0.000165	0.00099	0.00012
2045 Jan	0.000114	0.000115	0.000848	0.0301	0.00000264	1.2	1.6	0.0107	0.000168	8.83	0.000926	0.00531	0.0000782	0.0000932	0.0000635	0.0502	0.00000204	0.0000969	0.000165	0.00099	0.00012
2045 Feb	0.000114	0.000115	0.000848	0.0301	0.00000264	1.2	1.6	0.0107	0.000168	8.83	0.000926	0.00531	0.0000782	0.0000932	0.0000635	0.0502	0.00000204	0.0000969	0.000165	0.00099	0.00012
2045 Mar	0.000114	0.000115	0.000849	0.0301	0.00000264	1.2	1.6	0.0107	0.000168	8.83	0.000926	0.00531	0.0000782	0.0000932	0.0000635	0.0502	0.00000204	0.0000969	0.000165	0.00099	0.00012
2045 Apr	0.000114	0.000115	0.000849	0.0301	0.00000264	1.2	1.6	0.0107	0.000168	8.83	0.000926	0.00531	0.0000783	0.0000932	0.0000635	0.0502	0.00000204	0.000097	0.000165	0.000991	0.00012
2045 May	0.000114	0.000115	0.00085	0.0302	0.00000265	1.2	1.6	0.0107	0.000168	8.85	0.000928	0.00532	0.0000784	0.0000934	0.0000636	0.0502	0.00000205	0.0000971	0.000165	0.000992	0.00012
2045 Jun	0.000115	0.000115	0.000847	0.0305	0.00000269	1.2	1.6	0.0107	0.000168	8.79	0.000926	0.00533	0.0000786	0.0000939	0.0000634	0.0502	0.00000204	0.0000966	0.000167	0.000996	0.000119
2045 Jul	0.000115	0.000115	0.000848	0.0308	0.00000272	1.2	1.6	0.0108	0.000168	8.79	0.000929	0.00536	0.000079	0.0000945	0.0000634	0.0503	0.00000205	0.0000967	0.000169	0.001	0.000119
2045 Aug	0.000116	0.000116	0.000852	0.031	0.00000274	1.21	1.61	0.0108	0.000169	8.82	0.000933	0.00538	0.0000794	0.0000949	0.0000637	0.0505	0.00000205	0.0000971	0.000169	0.00101	0.000119
2045 Sep	0.000116	0.000116	0.000852	0.031	0.00000274	1.21	1.61	0.0108	0.000169	8.83	0.000933	0.00539	0.0000794	0.0000949	0.0000637	0.0506	0.00000206	0.0000971	0.00017	0.00101	0.000119
2045 Oct	0.000116	0.000116	0.000853	0.0311	0.00000275	1.21	1.61	0.0108	0.000169	8.83	0.000934	0.0054	0.0000794	0.000095	0.0000638	0.0506	0.00000206	0.0000972	0.00017	0.00101	0.000119
2045 Nov	0.000116	0.000116	0.000853	0.0311	0.00000275	1.21	1.61	0.0108	0.00017	8.83	0.000934	0.0054	0.0000794	0.000095	0.0000638	0.0506	0.00000206	0.0000972	0.00017	0.00101	0.000119
2045 Dec	0.000116	0.000116	0.000853	0.0311	0.00000275	1.21	1.61	0.0108	0.00017	8.83	0.000934	0.0054	0.0000794	0.000095	0.0000638	0.0506	0.00000206	0.0000972	0.00017	0.00101	0.000119
2046 Jan	0.000116	0.000116	0.000853	0.0311	0.00000275	1.21	1.61	0.0108	0.00017	8.83	0.000934	0.0054	0.0000794	0.000095	0.0000638	0.0506	0.00000206	0.0000972	0.00017	0.00101	0.000119
2046 Feb	0.000116	0.000116	0.000853	0.0311	0.00000275	1.21	1.61	0.0108	0.00017	8.84	0.000934	0.0054	0.0000795	0.000095	0.0000638	0.0506	0.00000206	0.0000972	0.00017	0.00101	0.000119
2046 Mar	0.000116	0.000116	0.000853	0.0311	0.00000275	1.21	1.61	0.0108	0.00017	8.84	0.000934	0.0054	0.0000795	0.000095	0.0000638	0.0506	0.00000206	0.0000972	0.00017	0.00101	0.000119
2046 Apr	0.000116	0.000116	0.000854	0.0311	0.00000275	1.21	1.61	0.0109	0.00017	8.84	0.000935	0.0054	0.0000795	0.0000951	0.0000639	0.0507	0.00000206	0.0000973	0.00017	0.00101	0.000119
2046 May	0.000116	0.000116	0.000855	0.0312	0.00000276	1.21	1.61	0.0109	0.00017	8.86	0.000937	0.00541	0.0000797	0.0000952	0.000064	0.0508	0.00000206	0.0000974	0.00017	0.00101	0.00012
2046 Jun	0.000117	0.000116	0.00085	0.0316	0.0000028	1.2	1.61	0.0109	0.000169	8.77	0.000933	0.00542	0.0000801	0.0000958	0.0000636	0.0506	0.00000205	0.0000966	0.000173	0.00101	0.000118
2046 Jul	0.000117	0.000116	0.000846	0.0319	0.00000284	1.2	1.6	0.011	0.000168	8.7	0.000931	0.00543	0.0000803	0.0000962	0.0000633	0.0505	0.00000205	0.000096	0.000174	0.00102	0.000117
2046 Aug	0.000118	0.000116	0.00085	0.032	0.00000286	1.2	1.61	0.011	0.000169	8.74	0.000935	0.00545	0.0000806	0.0000966	0.0000635	0.0507	0.00000205	0.0000964	0.000175	0.00102	0.000117
2046 Sep	0.000117	0.000116	0.000849	0.032	0.00000286	1.2	1.6	0.011	0.000169	8.72	0.000934	0.00545	0.0000804	0.0000963	0.0000634	0.0507	0.00000205	0.0000963	0.000174	0.00102	0.000117
2046 Oct	0.000117	0.000116	0.000848	0.0321	0.00000287	1.2	1.6	0.011	0.000169	8.7	0.000933	0.00545	0.0000803	0.0000962	0.0000633	0.0507	0.00000205	0.0000961	0.000174	0.00102	0.000117
2046 Nov	0.000118	0.000116	0.000848	0.0321	0.00000287	1.2	1.6	0.011	0.00017	8.7	0.000933	0.00545	0.0000803	0.0000962	0.0000633	0.0507	0.00000205	0.0000961	0.000174	0.00102	0.000117
2046 Dec	0.000118	0.000116	0.000848	0.0321	0.00000287	1.2	1.6	0.011	0.00017	8.7	0.000933	0.00545	0.0000803	0.0000962	0.0000633	0.0507	0.00000205	0.0000961	0.000174	0.00102	0.000117
2047 Jan	0.000118	0.000116	0.000848	0.0321	0.00000287	1.2	1.6	0.011	0.00017	8.7	0.000933	0.00545	0.0000803	0.0000962	0.0000633	0.0507	0.00000205	0.0000961	0.000174	0.00102	0.000117
2047 Feb	0.000118	0.000116	0.000848	0.0321	0.00000287	1.2	1.6	0.011	0.00017	8.7	0.000933	0.00545	0.0000803	0.0000962	0.0000633	0.0507	0.00000205	0.0000961	0.000174	0.00102	0.000117
2047 Mar	0.000118	0.000116	0.000848	0.0321	0.00000287	1.2	1.6	0.011	0.00017	8.7	0.000933	0.00545	0.0000804	0.0000962	0.0000633	0.0507	0.00000205	0.0000961	0.000175	0.00102	0.000117
2047 Apr	0.000118	0.000116	0.000848	0.0321	0.00000288	1.2	1.6	0.011	0.00017	8.7	0.000934	0.00546	0.0000804	0.0000962	0.0000633	0.0507	0.00000205	0.0000962	0.000175	0.00102	0.000117
2047 May	0.000118	0.000117	0.000849	0.0323	0.00000289	1.2	1.61	0.0111	0.00017	8.71	0.000935	0.00547	0.0000811	0.0000965	0.0000635	0.0509	0.00000205	0.0000962	0.000176	0.00102	0.000117
2047 Jun	0.000119	0.000118	0.000847	0.0333	0.00000293	1.2	1.61	0.0115	0.000169	8.65	0.000935	0.00548	0.0000849	0.000097	0.0000634	0.0512	0.00000204	0.0000956	0.000181	0.00102	0.000115
2047 Jul	0.00012	0.000119	0.000852	0.0335	0.00000295	1.21	1.62	0.0116	0.00017	8.69	0.000941	0.00552	0.0000854	0.0000976	0.0000638	0.0515	0.00000205	0.0000961	0.000182	0.00103	0.000116
2047 Aug	0.000121	0.00012	0.000856	0.0337	0.00000297	1.21	1.63	0.0116	0.000171	8.74	0.000946	0.00555	0.0000858	0.0000981	0.0000641	0.0518	0.00000207	0.0000966	0.000183	0.00104	0.000116
2047 Sep	0.000121	0.00012	0.000856	0.0338	0.00000298	1.21	1.63	0.0116	0.000171	8.73	0.000945	0.00555	0.0000857	0.000098	0.0000641	0.0518	0.00000206	0.0000965	0.000183	0.00104	0.000116
2047 Oct	0.000121	0.00012	0.000855	0.0338	0.00000298	1.21	1.63	0.0116	0.000172	8.71	0.000944	0.00555	0.0000855	0.0000977	0.0000639	0.0518	0.00000206	0.0000964	0.000183	0.00103	0.000116
2047 Nov	0.000121	0.00012	0.000854	0.0338	0.00000298	1.21	1.63	0.0116	0.000172	8.71	0.000944	0.00555	0.0000855	0.0000977	0.0000639	0.0518	0.00000206	0.0000963	0.000183	0.00103	0.000116
2047 Dec	0.000121	0.00012	0.000854	0.0338	0.00000298	1.21	1.63	0.0116	0.000172	8.71	0.000944	0.00555	0.0000855	0.0000977	0.0000639	0.0518	0.00000206	0.0000963	0.000183	0.00103	0.000116
2048 Jan	0.000121	0.00012	0.000854	0.0338	0.00000298	1.21	1.63	0.0116	0.000172	8.71	0.000944	0.00555	0.0000855	0.0000977	0.0000639	0.0518	0.00000206	0.0000964	0.000183	0.00103	0.000116
2048 Feb	0.000121	0.00012	0.000855	0.0338	0.00000298	1.21	1.63	0.0116	0.000172	8.71	0.000944	0.00555	0.0000855	0.0000977	0.0000639	0.0518	0.00000206	0.0000964	0.000183	0.00103	0.000116
2048 Mar	0.000121	0.00012	0.000855	0.0338	0.00000298	1.21	1.63	0.0116	0.000172	8.71	0.000944	0.00555	0.0000855	0.0000977	0.0000639	0.0518	0.00000206	0.0000964	0.000183	0.00103	0.000116
2048 Apr	0.000121	0.00012	0.000855	0.0338	0.00000298	1.21	1.63	0.0116	0.000172	8.71	0.000944	0.00555	0.0000855	0.0000978	0.000064	0.0518	0.00000206	0.0000964	0.000183	0.00103	0.000116
2048 May	0.000121	0.00012	0.000856	0.0339	0.00000299	1.21	1.63	0.0116	0.000172	8.73	0.000946	0.00556	0.0000857	0.0000979	0.0000641	0.0519	0.00000207	0.0000966	0.000183	0.00104	0.000116
2048 Jun	0.000121	0.000119	0.000851	0.0342	0.00000303	1.21	1.62	0.0116	0.000171	8.64	0.000943	0.00557	0.0000858	0.0000984	0.0000637	0.0517	0.00000206	0.0000958	0.000185	0.00104	0.000115
2048 Jul	0.000122	0.000119	0.000849	0.0345	0.00000307	1.2	1.62	0.0117	0.000171	8.59	0.000942	0.00558	0.0000861	0.000099	0.0000635	0.0517	0.00000205	0.0000954	0.000187	0.00104	0.000114
2048 Aug	0.000122	0.00012	0.000851	0.0347	0.00000309	1.21	1.62	0.0117	0.000171	8.61	0.000944	0.0056	0.0000863	0.0000991	0.0000636	0.0518	0.00000206	0.0000956	0.000187	0.00105	0.000114
2048 Sep	0.000122	0.00012	0.000851	0.0347	0.0000031	1.21	1.62	0.0117	0.000172	8.6	0.000945	0.00561	0.0000863	0.0000991	0.0000636	0.0519	0.00000206	0.0000956	0.000187	0.00105	0.000114
2048 Oct	0.000122	0.00012	0.00085	0.0348	0.0000031	1.21	1.62	0.0117	0.000172	8.59	0.000944	0.00561	0.0000862	0.000099	0.0000635	0.0518	0.00000206	0.0000955	0.000187	0.00105	0.000114
2048 Nov	0.000122	0.00012	0.000851	0.0348	0.00000311	1.21	1.62	0.0117	0.000172	8.59	0.000944	0.00561	0.0000862	0.000099	0.0000635	0.0518	0.00000206	0.0000955	0.000187	0.00105	0.000114
2048 Dec	0.000122	0.00012	0.000851	0.0348	0.00000311	1.21	1.62	0.0117	0.000172	8.59	0.000944	0.00561	0.0000862	0.000099	0.0000635	0.0518	0.00000206	0.0000955	0.000187	0.00105	0.000114

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2049 Jan	0.000122	0.00012	0.000851	0.0348	0.00000311	1.21	1.62	0.0117	0.000172	8.59	0.000944	0.00561	0.0000862	0.000099	0.0000635	0.0518	0.00000206	0.0000955	0.000187	0.00105	0.000114
2049 Feb	0.000122	0.00012	0.000851	0.0348	0.00000311	1.21	1.62	0.0117	0.000172	8.59	0.000944	0.00561	0.0000862	0.000099	0.0000635	0.0518	0.00000206	0.0000955	0.000187	0.00105	0.000114
2049 Mar	0.000122	0.00012	0.000851	0.0348	0.00000311	1.21	1.62	0.0117	0.000172	8.59	0.000944	0.00561	0.0000862	0.000099	0.0000635	0.0519	0.00000206	0.0000955	0.000187	0.00105	0.000114
2049 Apr	0.000122	0.00012	0.000851	0.0348	0.00000311	1.21	1.62	0.0117	0.000172	8.6	0.000945	0.00561	0.0000863	0.0000991	0.0000636	0.0519	0.00000206	0.0000955	0.000187	0.00105	0.000114
2049 May	0.000122	0.00012	0.000852	0.0349	0.00000311	1.21	1.63	0.0117	0.000172	8.61	0.000946	0.00562	0.0000865	0.0000992	0.0000637	0.052	0.00000206	0.0000957	0.000188	0.00105	0.000114
2049 Jun	0.000123	0.00012	0.000846	0.0353	0.00000316	1.2	1.62	0.0118	0.000171	8.52	0.000943	0.00563	0.0000868	0.0000997	0.0000632	0.0518	0.00000205	0.0000948	0.00019	0.00105	0.000112
2049 Jul	0.000123	0.00012	0.000846	0.0355	0.00000319	1.2	1.61	0.0118	0.000171	8.49	0.000943	0.00564	0.000087	0.0001	0.0000632	0.0518	0.00000205	0.0000946	0.000191	0.00106	0.000112
2049 Aug	0.000124	0.00012	0.000851	0.0358	0.00000321	1.21	1.62	0.0119	0.000172	8.54	0.000949	0.00568	0.0000876	0.000101	0.0000636	0.0521	0.00000206	0.0000952	0.000192	0.00106	0.000112
2049 Sep	0.000124	0.00012	0.000851	0.0358	0.00000322	1.21	1.62	0.0119	0.000172	8.53	0.000948	0.00568	0.0000874	0.000101	0.0000635	0.0521	0.00000206	0.0000951	0.000192	0.00106	0.000112
2049 Oct	0.000124	0.00012	0.00085	0.0358	0.00000322	1.2	1.62	0.0119	0.000173	8.52	0.000947	0.00568	0.0000873	0.0001	0.0000634	0.0521	0.00000206	0.000095	0.000192	0.00106	0.000112
2049 Nov	0.000124	0.00012	0.00085	0.0358	0.00000322	1.2	1.62	0.0119	0.000173	8.52	0.000947	0.00568	0.0000873	0.0001	0.0000634	0.0521	0.00000206	0.000095	0.000192	0.00106	0.000112
2049 Dec	0.000124	0.00012	0.00085	0.0358	0.00000322	1.2	1.62	0.0119	0.000173	8.52	0.000947	0.00568	0.0000873	0.0001	0.0000634	0.0521	0.00000206	0.000095	0.000192	0.00106	0.000112
2050 Jan	0.000124	0.00012	0.00085	0.0358	0.00000322	1.2	1.62	0.0119	0.000173	8.52	0.000947	0.00568	0.0000873	0.0001	0.0000634	0.0521	0.00000206	0.000095	0.000192	0.00106	0.000112
2050 Feb	0.000124	0.00012	0.00085	0.0358	0.00000322	1.2	1.62	0.0119	0.000173	8.52	0.000947	0.00568	0.0000873	0.0001	0.0000634	0.0521	0.00000206	0.000095	0.000192	0.00106	0.000112
2050 Mar	0.000124	0.00012	0.00085	0.0358	0.00000322	1.2	1.62	0.0119	0.000173	8.52	0.000947	0.00568	0.0000873	0.0001	0.0000634	0.0521	0.00000206	0.000095	0.000192	0.00106	0.000112
2050 Apr	0.000124	0.00012	0.00085	0.0358	0.00000322	1.2	1.62	0.0119	0.000173	8.52	0.000948	0.00568	0.0000873	0.0001	0.0000634	0.0521	0.00000206	0.000095	0.000192	0.00106	0.000112
2050 May	0.000124	0.00012	0.000851	0.0359	0.00000323	1.21	1.63	0.0119	0.000173	8.53	0.000949	0.00569	0.0000875	0.000101	0.0000635	0.0522	0.00000206	0.0000952	0.000192	0.00106	0.000112
2050 Jun	0.000124	0.000121	0.000848	0.0363	0.00000327	1.2	1.62	0.012	0.000172	8.47	0.000948	0.0057	0.0000884	0.000101	0.0000633	0.0522	0.00000206	0.0000946	0.000195	0.00107	0.000111
2050 Jul	0.000124	0.00012	0.000845	0.0365	0.0000033	1.2	1.62	0.012	0.000172	8.42	0.000946	0.00571	0.0000884	0.000101	0.000063	0.0521	0.00000205	0.0000941	0.000196	0.00107	0.00011
2050 Aug	0.000125	0.000121	0.000848	0.0367	0.00000331	1.2	1.62	0.0121	0.000173	8.45	0.000949	0.00573	0.0000888	0.000102	0.0000633	0.0523	0.00000206	0.0000945	0.000196	0.00107	0.00011
2050 Sep	0.000125	0.000121	0.000848	0.0368	0.00000332	1.2	1.62	0.0121	0.000173	8.45	0.00095	0.00574	0.0000888	0.000102	0.0000633	0.0523	0.00000206	0.0000945	0.000196	0.00107	0.00011
2050 Oct	0.000125	0.000121	0.000849	0.0368	0.00000332	1.2	1.63	0.0121	0.000173	8.46	0.000951	0.00574	0.0000888	0.000102	0.0000633	0.0524	0.00000206	0.0000946	0.000197	0.00107	0.000111
2050 Nov	0.000125	0.000121	0.00085	0.0368	0.00000333	1.2	1.63	0.0121	0.000173	8.46	0.000951	0.00575	0.0000889	0.000102	0.0000634	0.0524	0.00000206	0.0000946	0.000197	0.00107	0.000111
2050 Dec	0.000125	0.000121	0.00085	0.0368	0.00000333	1.2	1.63	0.0121	0.000173	8.46	0.000951	0.00575	0.0000889	0.000102	0.0000634	0.0524	0.00000206	0.0000946	0.000197	0.00107	0.000111
2051 Jan	0.000125	0.000121	0.00085	0.0368	0.00000333	1.2	1.63	0.0121	0.000173	8.46	0.000951	0.00575	0.0000889	0.000102	0.0000634	0.0524	0.00000206	0.0000946	0.000197	0.00107	0.000111
2051 Feb	0.000125	0.000121	0.00085	0.0368	0.00000333	1.2	1.63	0.0121	0.000173	8.46	0.000951	0.00575	0.0000889	0.000102	0.0000634	0.0524	0.00000206	0.0000946	0.000197	0.00107	0.000111
2051 Mar	0.000125	0.000121	0.00085	0.0368	0.00000333	1.2	1.63	0.0121	0.000173	8.46	0.000951	0.00575	0.0000889	0.000102	0.0000634	0.0524	0.00000206	0.0000946	0.000197	0.00107	0.000111
2051 Apr	0.000125	0.000121	0.00085	0.0368	0.00000333	1.2	1.63	0.0121	0.000173	8.46	0.000952	0.00575	0.0000889	0.000102	0.0000634	0.0524	0.00000206	0.0000947	0.000197	0.00108	0.000111
2051 May	0.000126	0.000121	0.000852	0.037	0.00000333	1.21	1.63	0.0121	0.000174	8.48	0.000953	0.00576	0.0000893	0.000102	0.0000635	0.0526	0.00000207	0.0000948	0.000197	0.00108	0.000111
2051 Jun	0.000126	0.000122	0.000845	0.0378	0.00000339	1.2	1.63	0.0124	0.000172	8.37	0.00095	0.00577	0.000092	0.000103	0.0000632	0.0526	0.00000205	0.0000937	0.000202	0.00108	0.000109
2051 Jul	0.000127	0.000123	0.000846	0.038	0.00000341	1.2	1.63	0.0125	0.000172	8.36	0.000951	0.00578	0.0000923	0.000103	0.0000632	0.0527	0.00000205	0.0000937	0.000203	0.00108	0.000108
2051 Aug	0.000127	0.000123	0.000847	0.0382	0.00000343	1.2	1.63	0.0125	0.000173	8.37	0.000953	0.0058	0.0000924	0.000103	0.0000633	0.0528	0.00000206	0.0000938	0.000204	0.00109	0.000109
2051 Sep	0.000127	0.000123	0.000846	0.0382	0.00000343	1.2	1.63	0.0125	0.000173	8.35	0.000952	0.0058	0.0000922	0.000103	0.0000632	0.0528	0.00000205	0.0000936	0.000203	0.00108	0.000108
2051 Oct	0.000127	0.000122	0.000842	0.0382	0.00000344	1.19	1.62	0.0124	0.000173	8.29	0.000948	0.00579	0.0000918	0.000102	0.0000628	0.0526	0.00000204	0.0000932	0.000203	0.00108	0.000107
2051 Nov	0.000127	0.000122	0.000843	0.0383	0.00000345	1.19	1.62	0.0124	0.000173	8.29	0.000948	0.0058	0.0000918	0.000102	0.0000628	0.0526	0.00000204	0.0000932	0.000203	0.00108	0.000107
2051 Dec	0.000127	0.000122	0.000843	0.0383	0.00000345	1.19	1.62	0.0124	0.000173	8.29	0.000948	0.0058	0.0000918	0.000102	0.0000628	0.0527	0.00000204	0.0000932	0.000203	0.00108	0.000107
2052 Jan	0.000127	0.000122	0.000843	0.0383	0.00000345	1.19	1.62	0.0124	0.000174	8.29	0.000948	0.0058	0.0000918	0.000102	0.0000628	0.0527	0.00000204	0.0000932	0.000203	0.00108	0.000107
2052 Feb	0.000127	0.000122	0.000843	0.0383	0.00000345	1.19	1.62	0.0124	0.000174	8.29	0.000948	0.0058	0.0000918	0.000102	0.0000628	0.0527	0.00000204	0.0000932	0.000203	0.00108	0.000107
2052 Mar	0.000127	0.000122	0.000843	0.0383	0.00000345	1.19	1.62	0.0124	0.000174	8.29	0.000948	0.0058	0.0000918	0.000102	0.0000628	0.0527	0.00000204	0.0000932	0.000203	0.00108	0.000107
2052 Apr	0.000127	0.000122	0.000843	0.0383	0.00000345	1.19	1.62	0.0124	0.000174	8.3	0.000948	0.0058	0.0000918	0.000102	0.0000628	0.0527	0.00000204	0.0000932	0.000203	0.00108	0.000107
2052 May	0.000127	0.000123	0.000844	0.0385	0.00000346	1.2	1.63	0.0125	0.000174	8.3	0.00095	0.00581	0.0000925	0.000103	0.0000629	0.0528	0.00000205	0.0000933	0.000204	0.00108	0.000107
2052 Jun	0.000128	0.000124	0.000844	0.0391	0.00000349	1.2	1.63	0.0128	0.000174	8.28	0.000952	0.00583	0.0000948	0.000103	0.000063	0.0531	0.00000204	0.000093	0.000208	0.00109	0.000107
2052 Jul	0.000129	0.000124	0.000845	0.0393	0.00000351	1.2	1.63	0.0128	0.000174	8.28	0.000954	0.00585	0.0000951	0.000103	0.0000631	0.0532	0.00000205	0.0000931	0.000208	0.00109	0.000107
2052 Aug	0.000129	0.000125	0.000848	0.0394	0.00000353	1.2	1.64	0.0128	0.000175	8.3	0.000956	0.00587	0.0000953	0.000104	0.0000632	0.0534	0.00000205	0.0000933	0.000209	0.00109	0.000107
2052 Sep	0.000129	0.000125	0.000848	0.0395	0.00000354	1.2	1.64	0.0128	0.000175	8.29	0.000956	0.00587	0.0000953	0.000104	0.0000632	0.0534	0.00000205	0.0000933	0.000209	0.00109	0.000107
2052 Oct	0.000129	0.000125	0.000848	0.0395	0.00000354	1.2	1.64	0.0128	0.000175	8.29	0.000956	0.00587	0.0000953	0.000104	0.0000632	0.0534	0.00000205	0.0000933	0.000209	0.00109	0.000107
2052 Nov	0.000129	0.000125	0.000848	0.0396	0.00000354	1.2	1.64	0.0129	0.000175	8.3	0.000957	0.00588	0.0000953	0.000104	0.0000632	0.0534	0.00000205	0.0000933	0.000209	0.00109	0.000107
2052 Dec	0.000129	0.000125	0.000848	0.0396	0.00000354	1.2	1.64	0.0129	0.000175	8.3	0.000957	0.00588	0.0000953	0.000104	0.0000632	0.0534	0.00000205	0.0000933	0.000209	0.00109	0.000107
2053 Jan	0.000129	0.000125	0.000848	0.0396	0.00000354	1.2	1.64	0.0129	0.000175	8.3	0.000957	0.00588	0.0000953	0.000104	0.0000632	0.0534	0.00000205	0.0000933	0.000209	0.00109	0.000107
2053 Feb	0.000129	0.000125	0.000848	0.0396	0.00000354	1.2	1.64	0.0129	0.000175	8.3	0.000957	0.00588	0.0000953	0.000104	0.0000633	0.0534	0.00000205	0.0000933	0.000209	0.00109	0.000107
2053 Mar	0.000129	0.000125	0.000848	0.0396	0.00000354	1.2	1.64	0.0129	0.000175	8.3	0.000957	0.00588	0.0000953	0.000104	0.0000633	0.0534	0.00000206	0.0000934	0.000209	0.00109	0.000107
2053 Apr	0.000129	0.000125	0.000849	0.0396	0.00000354	1.2	1.64	0.0129	0.000175	8.3	0.000957	0.00588	0.0000954	0.000104	0.0000633	0.0535	0.00000206	0.0000934	0.000209	0.00109	0.000107
2053 May	0.00013	0.000126	0.00085	0.04	0.00000356	1.21	1.65	0.0131	0.000176	8.31	0.00096	0.0059	0.000097	0.000104	0.0000635	0.0538	0.00000206	0.0000934	0.000211	0.0011	0.000107
2053 Jun	0.000131	0.000128	0.000847	0.0409	0.0000036	1.2	1.65	0.0135	0.000175	8.23	0.000959	0.0059	0.000101	0.000104	0.0000634	0.0541	0.00000205	0.0000927	0.000216	0.0011	0.000105
2053 Jul	0.000132	0.000128	0.00085	0.0412	0.00000362	1.21	1.66	0.0136	0.000175	8.26	0.000963	0.00593	0.000101	0.000105	0.0000636	0.0543	0.00000205	0.000093	0.000218	0.0011	0.000105
2053 Aug	0.000133	0.000129	0.000854	0.0414	0.00000364	1.21	1.67	0.0136	0.000176	8.3	0.000968	0.00596	0.000102	0.000105	0.0000639	0.0546	0.00000206	0.0000935	0.000219	0.00111	0.000106
2053 Sep	0.000133	0.000129	0.000857	0.0415	0.00000366	1.22	1.67	0.0137	0.000177	8.33	0.000971	0.00599	0.000102	0.000106	0.0000642	0.0548	0.00000207	0.0000938	0.000219	0.00111	0.000106
2053 Oct	0.000133	0.000129	0.000858	0.0416	0.00000366	1.22	1.67	0.0137	0.000177	8.34	0.000972	0.00599	0.000102	0.000106	0.0000642	0.0549	0.00000207	0.0000939	0.00022	0.00111	0.000106
2053 Nov	0.000133	0.000129	0.000858	0.0416	0.00000366	1.22	1.67	0.0137	0.000177	8.34	0.000972	0.00599	0.000102	0.000106	0.0000642	0.0549	0.00000207	0.0000939	0.00022	0.00111	0.000106
2053 Dec	0.000133	0.000129	0.000858	0.0416	0.00000366	1.22	1.67	0.0137	0.000177	8.34	0.000972	0.00599	0.000102	0.000106	0.0000642	0.0549	0.00000207	0.0000939	0.00022	0.00111	0.000106
2054 Jan	0.000133	0.000129	0.000858	0.0416	0.00000366	1.22	1.67	0.0137	0.000177	8.34	0.000972	0.00599	0.000102	0.000106	0.0000642	0.0549	0.00000207	0.0000939	0.00022	0.00111	0.000106

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2054 Feb	0.000133	0.000129	0.000858	0.0416	0.00000366	1.22	1.67	0.0137	0.000177	8.34	0.000972	0.00599	0.000102	0.000106	0.0000642	0.0549	0.00000207	0.0000939	0.00022	0.00111	0.000106
2054 Mar	0.000133	0.000129	0.000858	0.0416	0.00000366	1.22	1.68	0.0137	0.000177	8.34	0.000972	0.00599	0.000102	0.000106	0.0000642	0.0549	0.00000207	0.0000939	0.00022	0.00111	0.000106
2054 Apr	0.000133	0.00013	0.000858	0.0416	0.00000366	1.22	1.68	0.0137	0.000177	8.34	0.000972	0.006	0.000102	0.000106	0.0000642	0.0549	0.00000207	0.0000939	0.00022	0.00111	0.000106
2054 May	0.000134	0.00013	0.00086	0.0417	0.00000367	1.22	1.68	0.0137	0.000178	8.35	0.000974	0.00601	0.000103	0.000106	0.0000644	0.055	0.00000208	0.000094	0.00022	0.00111	0.000106
2054 Jun	0.000134	0.000131	0.000855	0.0424	0.00000369	1.22	1.68	0.014	0.000177	8.28	0.000972	0.006	0.000106	0.000106	0.0000642	0.0552	0.00000206	0.0000933	0.000224	0.00111	0.000105
2054 Jul	0.000134	0.000131	0.000855	0.0426	0.00000371	1.21	1.68	0.0141	0.000176	8.26	0.000971	0.00601	0.000106	0.000106	0.0000641	0.0552	0.00000206	0.0000931	0.000225	0.00112	0.000104
2054 Aug	0.000135	0.000131	0.000856	0.0427	0.00000373	1.22	1.68	0.0141	0.000177	8.27	0.000973	0.00602	0.000106	0.000107	0.0000642	0.0553	0.00000207	0.0000932	0.000225	0.00112	0.000105
2054 Sep	0.000135	0.000131	0.000857	0.0428	0.00000374	1.22	1.68	0.0141	0.000177	8.27	0.000974	0.00603	0.000106	0.000107	0.0000642	0.0553	0.00000207	0.0000932	0.000225	0.00112	0.000105
2054 Oct	0.000135	0.000131	0.000856	0.0428	0.00000374	1.22	1.68	0.0141	0.000178	8.26	0.000973	0.00603	0.000106	0.000106	0.0000641	0.0553	0.00000207	0.0000931	0.000225	0.00112	0.000104
2054 Nov	0.000135	0.000131	0.000856	0.0428	0.00000374	1.22	1.68	0.0141	0.000178	8.25	0.000973	0.00603	0.000106	0.000106	0.0000641	0.0553	0.00000207	0.0000931	0.000225	0.00112	0.000104
2054 Dec	0.000135	0.000131	0.000856	0.0428	0.00000374	1.22	1.68	0.0141	0.000178	8.25	0.000973	0.00603	0.000106	0.000106	0.0000641	0.0553	0.00000207	0.0000931	0.000225	0.00112	0.000104
2055 Jan	0.000135	0.000131	0.000856	0.0428	0.00000374	1.22	1.68	0.0141	0.000178	8.25	0.000973	0.00603	0.000106	0.000106	0.0000641	0.0553	0.00000207	0.0000931	0.000225	0.00112	0.000104
2055 Feb	0.000135	0.000131	0.000856	0.0428	0.00000374	1.22	1.68	0.0141	0.000178	8.25	0.000973	0.00603	0.000106	0.000106	0.0000641	0.0553	0.00000207	0.0000931	0.000225	0.00112	0.000104
2055 Mar	0.000135	0.000131	0.000856	0.0428	0.00000374	1.22	1.68	0.0141	0.000178	8.25	0.000973	0.00603	0.000106	0.000106	0.0000641	0.0553	0.00000207	0.0000931	0.000225	0.00112	0.000104
2055 Apr	0.000135	0.000131	0.000856	0.0428	0.00000374	1.22	1.68	0.0141	0.000178	8.26	0.000973	0.00604	0.000106	0.000106	0.0000641	0.0553	0.00000207	0.0000931	0.000225	0.00112	0.000104
2055 May	0.000135	0.000132	0.000857	0.0429	0.00000375	1.22	1.68	0.0141	0.000178	8.27	0.000975	0.00605	0.000106	0.000107	0.0000642	0.0554	0.00000207	0.0000933	0.000226	0.00112	0.000104
2055 Jun	0.000135	0.000131	0.000851	0.0432	0.00000379	1.21	1.67	0.0141	0.000177	8.18	0.000971	0.00604	0.000106	0.000107	0.0000638	0.0552	0.00000206	0.0000924	0.000227	0.00112	0.000103
2055 Jul	0.000136	0.000131	0.000851	0.0434	0.00000382	1.21	1.67	0.0142	0.000177	8.16	0.000971	0.00606	0.000106	0.000107	0.0000637	0.0552	0.00000206	0.0000923	0.000229	0.00113	0.000103
2055 Aug	0.000136	0.000132	0.000855	0.0436	0.00000384	1.21	1.68	0.0142	0.000177	8.19	0.000976	0.00609	0.000107	0.000108	0.000064	0.0555	0.00000207	0.0000927	0.00023	0.00113	0.000103
2055 Sep	0.000136	0.000132	0.000855	0.0437	0.00000384	1.21	1.68	0.0142	0.000178	8.19	0.000976	0.00609	0.000107	0.000108	0.000064	0.0555	0.00000207	0.0000927	0.00023	0.00113	0.000103
2055 Oct	0.000136	0.000132	0.000855	0.0437	0.00000385	1.22	1.68	0.0142	0.000178	8.19	0.000977	0.0061	0.000107	0.000108	0.0000641	0.0555	0.00000207	0.0000927	0.00023	0.00113	0.000103
2055 Nov	0.000136	0.000132	0.000856	0.0437	0.00000385	1.22	1.68	0.0142	0.000178	8.2	0.000977	0.0061	0.000107	0.000108	0.0000641	0.0556	0.00000207	0.0000928	0.00023	0.00113	0.000103
2055 Dec	0.000136	0.000132	0.000856	0.0437	0.00000385	1.22	1.68	0.0142	0.000178	8.2	0.000977	0.0061	0.000107	0.000108	0.0000641	0.0556	0.00000207	0.0000928	0.00023	0.00113	0.000103
2056 Jan	0.000136	0.000132	0.000856	0.0437	0.00000385	1.22	1.68	0.0142	0.000178	8.2	0.000977	0.0061	0.000107	0.000108	0.0000641	0.0556	0.00000207	0.0000928	0.00023	0.00113	0.000103
2056 Feb	0.000136	0.000132	0.000856	0.0437	0.00000385	1.22	1.68	0.0142	0.000178	8.2	0.000977	0.0061	0.000107	0.000108	0.0000641	0.0556	0.00000207	0.0000928	0.00023	0.00113	0.000103
2056 Mar	0.000136	0.000132	0.000856	0.0437	0.00000385	1.22	1.68	0.0142	0.000178	8.2	0.000977	0.0061	0.000107	0.000108	0.0000641	0.0556	0.00000207	0.0000928	0.00023	0.00113	0.000103
2056 Apr	0.000136	0.000132	0.000856	0.0437	0.00000385	1.22	1.68	0.0142	0.000178	8.2	0.000977	0.0061	0.000107	0.000108	0.0000641	0.0556	0.00000207	0.0000928	0.00023	0.00113	0.000103
2056 May	0.000137	0.000133	0.000858	0.044	0.00000386	1.22	1.69	0.0144	0.000178	8.21	0.00098	0.00612	0.000108	0.000108	0.0000643	0.0558	0.00000207	0.0000929	0.000232	0.00114	0.000103
2056 Jun	0.000138	0.000135	0.000854	0.0449	0.00000389	1.22	1.69	0.0148	0.000177	8.14	0.000978	0.00612	0.000112	0.000109	0.0000642	0.0561	0.00000206	0.0000922	0.000236	0.00113	0.000102
2056 Jul	0.000139	0.000135	0.000858	0.0452	0.00000392	1.22	1.7	0.0149	0.000178	8.18	0.000983	0.00615	0.000113	0.000109	0.0000645	0.0564	0.00000207	0.0000926	0.000238	0.00114	0.000102
2056 Aug	0.000139	0.000136	0.000861	0.0453	0.00000394	1.23	1.71	0.0149	0.000179	8.2	0.000986	0.00618	0.000113	0.000109	0.0000647	0.0566	0.00000208	0.0000928	0.000238	0.00114	0.000102
2056 Sep	0.00014	0.000136	0.000863	0.0455	0.00000395	1.23	1.71	0.015	0.00018	8.22	0.000989	0.00619	0.000113	0.00011	0.0000648	0.0567	0.00000208	0.000093	0.000239	0.00115	0.000102
2056 Oct	0.000139	0.000136	0.000862	0.0454	0.00000395	1.23	1.71	0.0149	0.00018	8.2	0.000987	0.00619	0.000113	0.000109	0.0000647	0.0567	0.00000208	0.0000929	0.000239	0.00115	0.000102
2056 Nov	0.000139	0.000136	0.000862	0.0454	0.00000395	1.23	1.71	0.0149	0.00018	8.2	0.000987	0.00619	0.000113	0.000109	0.0000647	0.0567	0.00000208	0.0000929	0.000239	0.00115	0.000102
2056 Dec	0.000139	0.000136	0.000862	0.0454	0.00000395	1.23	1.71	0.0149	0.00018	8.2	0.000987	0.00619	0.000113	0.000109	0.0000647	0.0567	0.00000208	0.0000929	0.000239	0.00115	0.000102
2057 Jan	0.000139	0.000136	0.000862	0.0455	0.00000395	1.23	1.71	0.0149	0.00018	8.2	0.000987	0.00619	0.000113	0.000109	0.0000647	0.0567	0.00000208	0.0000929	0.000239	0.00115	0.000102
2057 Feb	0.000139	0.000136	0.000862	0.0455	0.00000395	1.23	1.71	0.0149	0.00018	8.2	0.000987	0.00619	0.000113	0.000109	0.0000647	0.0567	0.00000208	0.0000929	0.000239	0.00115	0.000102
2057 Mar	0.000139	0.000136	0.000862	0.0455	0.00000395	1.23	1.71	0.0149	0.00018	8.2	0.000988	0.00619	0.000113	0.000109	0.0000647	0.0567	0.00000208	0.0000929	0.000239	0.00115	0.000102
2057 Apr	0.00014	0.000136	0.000863	0.0455	0.00000395	1.23	1.71	0.0149	0.00018	8.21	0.000988	0.00619	0.000113	0.00011	0.0000647	0.0567	0.00000208	0.000093	0.000239	0.00115	0.000102
2057 May	0.00014	0.000136	0.000864	0.0456	0.00000396	1.23	1.71	0.015	0.00018	8.22	0.00099	0.00621	0.000113	0.00011	0.0000649	0.0569	0.00000208	0.0000931	0.000239	0.00115	0.000102
2057 Jun	0.000141	0.000137	0.00086	0.0463	0.000004	1.22	1.71	0.0153	0.000179	8.14	0.000988	0.00621	0.000116	0.00011	0.0000646	0.057	0.00000207	0.0000923	0.000243	0.00115	0.000101
2057 Jul	0.000141	0.000138	0.000862	0.0465	0.00000402	1.23	1.72	0.0153	0.00018	8.16	0.000991	0.00623	0.000116	0.000111	0.0000648	0.0571	0.00000208	0.0000925	0.000245	0.00115	0.000101
2057 Aug	0.000142	0.000139	0.000868	0.0469	0.00000405	1.24	1.73	0.0154	0.000181	8.22	0.000998	0.00628	0.000117	0.000111	0.0000653	0.0576	0.00000209	0.0000932	0.000246	0.00116	0.000102
2057 Sep	0.000143	0.000139	0.00087	0.047	0.00000406	1.24	1.73	0.0155	0.000181	8.23	0.001	0.0063	0.000117	0.000112	0.0000654	0.0577	0.0000021	0.0000934	0.000247	0.00117	0.000102
2057 Oct	0.000143	0.000139	0.00087	0.047	0.00000406	1.24	1.73	0.0155	0.000182	8.23	0.001	0.0063	0.000117	0.000112	0.0000654	0.0577	0.0000021	0.0000934	0.000247	0.00117	0.000102
2057 Nov	0.000143	0.000139	0.00087	0.047	0.00000407	1.24	1.73	0.0155	0.000182	8.23	0.001	0.0063	0.000117	0.000112	0.0000654	0.0577	0.0000021	0.0000934	0.000247	0.00117	0.000102
2057 Dec	0.000143	0.000139	0.00087	0.047	0.00000407	1.24	1.73	0.0155	0.000182	8.23	0.001	0.0063	0.000117	0.000112	0.0000654	0.0577	0.0000021	0.0000934	0.000247	0.00117	0.000102
2058 Jan	0.000143	0.000139	0.00087	0.047	0.00000407	1.24	1.73	0.0155	0.000182	8.23	0.001	0.0063	0.000117	0.000112	0.0000654	0.0577	0.0000021	0.0000934	0.000247	0.00117	0.000102
2058 Feb	0.000143	0.000139	0.00087	0.047	0.00000407	1.24	1.73	0.0155	0.000182	8.23	0.001	0.0063	0.000117	0.000112	0.0000654	0.0577	0.0000021	0.0000934	0.000247	0.00117	0.000102
2058 Mar	0.000143	0.000139	0.000871	0.047	0.00000407	1.24	1.73	0.0155	0.000182	8.23	0.001	0.0063	0.000117	0.000112	0.0000654	0.0577	0.0000021	0.0000934	0.000247	0.00117	0.000102
2058 Apr	0.000143	0.000139	0.000871	0.047	0.00000407	1.24	1.73	0.0155	0.000182	8.24	0.001	0.0063	0.000117	0.000112	0.0000655	0.0577	0.0000021	0.0000935	0.000247	0.00117	0.000102
2058 May	0.000143	0.00014	0.000872	0.0474	0.00000408	1.24	1.74	0.0156	0.000182	8.24	0.001	0.00632	0.000119	0.000112	0.0000656	0.058	0.0000021	0.0000935	0.000249	0.00117	0.000102
2058 Jun	0.000145	0.000143	0.000866	0.0485	0.00000411	1.24	1.75	0.0162	0.00018	8.14	0.001	0.00631	0.000124	0.000112	0.0000654	0.0584	0.00000208	0.0000924	0.000255	0.00117	0.0000996
2058 Jul	0.000145	0.000143	0.000869	0.0488	0.00000413	1.24	1.75	0.0163	0.000181	8.16	0.001	0.00633	0.000125	0.000113	0.0000656	0.0586	0.00000209	0.0000926	0.000257	0.00117	0.0000998
2058 Aug	0.000146	0.000144	0.000873	0.049	0.00000416	1.25	1.76	0.0164	0.000182	8.19	0.00101	0.00636	0.000125	0.000113	0.0000659	0.0588	0.0000021	0.000093	0.000258	0.00118	0.0001
2058 Sep	0.000146	0.000144	0.000873	0.049	0.00000416	1.25	1.76	0.0164	0.000182	8.19	0.00101	0.00637	0.000125	0.000113	0.0000659	0.0589	0.0000021	0.000093	0.000258	0.00118	0.0001
2058 Oct	0.000146	0.000144	0.000873	0.049	0.00000416	1.25	1.76	0.0164	0.000182	8.18	0.00101	0.00637	0.000125	0.000113	0.0000658	0.0589	0.0000021	0.0000929	0.000258	0.00118	0.0001
2058 Nov	0.000146	0.000144	0.000873	0.0491	0.00000417	1.25	1.76	0.0164	0.000182	8.19	0.00101	0.00637	0.000125	0.000113	0.0000659	0.0589	0.0000021	0.000093	0.000258	0.00118	0.0001
2058 Dec	0.000146	0.000144	0.000873	0.0491	0.00000417	1.25	1.76	0.0164	0.000182	8.19	0.00101	0.00637	0.000125	0.000113	0.0000659	0.0589	0.0000021	0.000093	0.000258	0.00118	0.0001
2059 Jan	0.000146	0.000144	0.000873	0.0491	0.00000417	1.25	1.76	0.0164	0.000182	8.19	0.00101	0.00637	0.000125	0.000113	0.0000659	0.0589	0.0000021	0.000093	0.000258	0.00118	0.0001
2059 Feb	0.000146	0.000144	0.000873	0.0491	0.00000417	1.25	1.76	0.0164	0.000182	8.19	0.00101	0.00637	0.000125	0.000113	0.0000659	0.0589	0.0000021	0.000093	0.000258	0.00118	0.0001

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2059 Mar	0.000146	0.000144	0.000873	0.0491	0.00000417	1.25	1.76	0.0164	0.000182	8.19	0.00101	0.00637	0.000125	0.000113	0.0000659	0.0589	0.0000021	0.000093	0.000258	0.00118	0.0001
2059 Apr	0.000146	0.000144	0.000873	0.0491	0.00000417	1.25	1.76	0.0164	0.000182	8.19	0.00101	0.00637	0.000125	0.000113	0.0000659	0.0589	0.0000021	0.000093	0.000258	0.00118	0.0001
2059 May	0.000146	0.000144	0.000875	0.0493	0.00000418	1.25	1.76	0.0165	0.000183	8.2	0.00101	0.00639	0.000126	0.000113	0.000066	0.0591	0.0000021	0.0000931	0.000259	0.00118	0.0001
2059 Jun	0.000148	0.000146	0.000875	0.0501	0.00000421	1.25	1.77	0.0168	0.000182	8.18	0.00101	0.00641	0.000129	0.000114	0.0000662	0.0595	0.0000021	0.0000929	0.000263	0.00118	0.0000994
2059 Jul	0.000149	0.000147	0.000881	0.0504	0.00000424	1.26	1.79	0.017	0.000184	8.24	0.00102	0.00645	0.00013	0.000115	0.0000667	0.0599	0.00000211	0.0000935	0.000265	0.00119	0.0001
2059 Aug	0.000149	0.000148	0.000886	0.0507	0.00000427	1.27	1.8	0.017	0.000185	8.28	0.00103	0.00649	0.000131	0.000115	0.000067	0.0603	0.00000212	0.0000941	0.000267	0.0012	0.000101
2059 Sep	0.00015	0.000148	0.000888	0.0508	0.00000428	1.27	1.8	0.0171	0.000185	8.29	0.00103	0.0065	0.000131	0.000115	0.0000671	0.0604	0.00000213	0.0000942	0.000267	0.0012	0.000101
2059 Oct	0.000149	0.000148	0.000884	0.0507	0.00000427	1.26	1.79	0.017	0.000185	8.25	0.00102	0.00649	0.00013	0.000115	0.0000668	0.0601	0.00000212	0.0000938	0.000266	0.00119	0.0001
2059 Nov	0.000149	0.000148	0.000884	0.0507	0.00000427	1.26	1.79	0.017	0.000185	8.25	0.00102	0.00649	0.00013	0.000115	0.0000668	0.0601	0.00000212	0.0000938	0.000266	0.00119	0.0001
2059 Dec	0.000149	0.000148	0.000884	0.0507	0.00000427	1.26	1.79	0.017	0.000185	8.25	0.00102	0.00649	0.00013	0.000115	0.0000668	0.0601	0.00000212	0.0000938	0.000266	0.00119	0.0001
2060 Jan	0.000149	0.000148	0.000884	0.0507	0.00000427	1.26	1.79	0.017	0.000185	8.25	0.00102	0.00649	0.00013	0.000115	0.0000668	0.0601	0.00000212	0.0000938	0.000266	0.00119	0.0001
2060 Feb	0.000149	0.000148	0.000884	0.0507	0.00000427	1.26	1.79	0.017	0.000185	8.25	0.00102	0.00649	0.00013	0.000115	0.0000668	0.0601	0.00000212	0.0000938	0.000266	0.00119	0.0001
2060 Mar	0.000149	0.000148	0.000884	0.0507	0.00000427	1.26	1.79	0.017	0.000185	8.25	0.00102	0.00649	0.00013	0.000115	0.0000668	0.0601	0.00000212	0.0000938	0.000266	0.00119	0.0001
2060 Apr	0.000149	0.000148	0.000884	0.0507	0.00000427	1.26	1.79	0.017	0.000186	8.25	0.00102	0.00649	0.00013	0.000115	0.0000668	0.0602	0.00000212	0.0000938	0.000266	0.00119	0.0001
2060 May	0.00015	0.000149	0.000886	0.0512	0.00000429	1.27	1.8	0.0172	0.000186	8.25	0.00103	0.00651	0.000132	0.000115	0.000067	0.0605	0.00000212	0.0000938	0.000269	0.0012	0.0000999
2060 Jun	0.000151	0.000151	0.000884	0.0521	0.00000432	1.26	1.81	0.0177	0.000185	8.2	0.00103	0.00652	0.000136	0.000115	0.000067	0.0609	0.00000211	0.0000932	0.000274	0.0012	0.0000986
2060 Jul	0.000152	0.000152	0.000889	0.0525	0.00000436	1.27	1.82	0.0178	0.000186	8.25	0.00103	0.00656	0.000137	0.000116	0.0000674	0.0613	0.00000212	0.0000938	0.000276	0.00121	0.0000992
2060 Aug	0.000153	0.000153	0.000892	0.0527	0.00000437	1.28	1.82	0.0178	0.000187	8.27	0.00104	0.00658	0.000138	0.000117	0.0000676	0.0615	0.00000213	0.0000941	0.000277	0.00121	0.0000994
2060 Sep	0.000153	0.000152	0.000889	0.0526	0.00000437	1.27	1.82	0.0178	0.000187	8.24	0.00103	0.00657	0.000137	0.000116	0.0000674	0.0614	0.00000212	0.0000937	0.000276	0.00121	0.0000989
2060 Oct	0.000153	0.000152	0.000889	0.0527	0.00000438	1.27	1.82	0.0178	0.000187	8.23	0.00103	0.00657	0.000137	0.000116	0.0000674	0.0614	0.00000212	0.0000937	0.000275	0.0012	0.0000987
2060 Nov	0.000153	0.000152	0.000889	0.0527	0.00000438	1.27	1.82	0.0178	0.000187	8.22	0.00103	0.00657	0.000137	0.000116	0.0000673	0.0614	0.00000212	0.0000936	0.000275	0.0012	0.0000986
2060 Dec	0.000153	0.000152	0.000889	0.0527	0.00000438	1.27	1.82	0.0178	0.000187	8.22	0.00103	0.00657	0.000137	0.000116	0.0000673	0.0614	0.00000212	0.0000936	0.000275	0.0012	0.0000986
2061 Jan	0.000153	0.000152	0.000889	0.0527	0.00000438	1.27	1.82	0.0178	0.000187	8.22	0.00103	0.00657	0.000137	0.000116	0.0000673	0.0614	0.00000212	0.0000936	0.000275	0.0012	0.0000986
2061 Feb	0.000153	0.000152	0.000889	0.0527	0.00000438	1.27	1.82	0.0178	0.000187	8.22	0.00103	0.00657	0.000137	0.000116	0.0000673	0.0614	0.00000212	0.0000936	0.000275	0.0012	0.0000986
2061 Mar	0.000153	0.000152	0.000889	0.0527	0.00000438	1.27	1.82	0.0178	0.000187	8.22	0.00103	0.00657	0.000137	0.000116	0.0000673	0.0614	0.00000212	0.0000936	0.000275	0.0012	0.0000986
2061 Apr	0.000153	0.000152	0.000889	0.0527	0.00000438	1.27	1.82	0.0178	0.000188	8.23	0.00103	0.00658	0.000137	0.000116	0.0000674	0.0614	0.00000212	0.0000937	0.000276	0.00121	0.0000987
2061 May	0.000154	0.000154	0.000891	0.0533	0.0000044	1.27	1.83	0.0181	0.000188	8.23	0.00104	0.0066	0.000139	0.000116	0.0000676	0.0618	0.00000212	0.0000937	0.000279	0.00121	0.0000984
2061 Jun	0.000154	0.000155	0.000886	0.0541	0.00000442	1.27	1.83	0.0185	0.000186	8.15	0.00103	0.00659	0.000143	0.000116	0.0000674	0.062	0.00000211	0.0000927	0.000283	0.0012	0.0000968
2061 Jul	0.000155	0.000156	0.000891	0.0544	0.00000446	1.28	1.84	0.0186	0.000188	8.19	0.00104	0.00663	0.000144	0.000117	0.0000678	0.0624	0.00000212	0.0000933	0.000285	0.00121	0.0000973
2061 Aug	0.000156	0.000157	0.000896	0.0548	0.00000448	1.28	1.85	0.0187	0.000189	8.24	0.00104	0.00667	0.000145	0.000118	0.0000681	0.0627	0.00000213	0.0000938	0.000287	0.00122	0.0000978
2061 Sep	0.000156	0.000157	0.000897	0.0548	0.00000449	1.29	1.85	0.0187	0.000189	8.25	0.00105	0.00668	0.000145	0.000118	0.0000682	0.0628	0.00000213	0.0000939	0.000287	0.00122	0.0000979
2061 Oct	0.000156	0.000157	0.000894	0.0547	0.00000448	1.28	1.85	0.0186	0.000189	8.21	0.00104	0.00666	0.000144	0.000117	0.000068	0.0626	0.00000213	0.0000936	0.000286	0.00122	0.0000974
2061 Nov	0.000156	0.000157	0.000894	0.0547	0.00000448	1.28	1.85	0.0186	0.000189	8.21	0.00104	0.00666	0.000144	0.000117	0.0000679	0.0626	0.00000213	0.0000935	0.000286	0.00122	0.0000973
2061 Dec	0.000156	0.000157	0.000894	0.0547	0.00000448	1.28	1.85	0.0186	0.000189	8.21	0.00104	0.00666	0.000144	0.000117	0.0000679	0.0626	0.00000213	0.0000935	0.000286	0.00122	0.0000973
2062 Jan	0.000156	0.000157	0.000894	0.0547	0.00000448	1.28	1.85	0.0186	0.000189	8.21	0.00104	0.00666	0.000144	0.000117	0.0000679	0.0626	0.00000213	0.0000935	0.000286	0.00122	0.0000973
2062 Feb	0.000156	0.000157	0.000894	0.0547	0.00000448	1.28	1.85	0.0186	0.000189	8.21	0.00104	0.00666	0.000144	0.000117	0.0000679	0.0626	0.00000213	0.0000935	0.000286	0.00122	0.0000973
2062 Mar	0.000156	0.000157	0.000894	0.0547	0.00000448	1.28	1.85	0.0186	0.000189	8.21	0.00104	0.00666	0.000144	0.000117	0.0000679	0.0626	0.00000213	0.0000935	0.000286	0.00122	0.0000973
2062 Apr	0.000156	0.000157	0.000894	0.0547	0.00000449	1.28	1.85	0.0186	0.000189	8.21	0.00104	0.00666	0.000144	0.000117	0.0000679	0.0626	0.00000213	0.0000936	0.000286	0.00122	0.0000974
2062 May	0.000156	0.000157	0.000895	0.0548	0.00000449	1.28	1.85	0.0187	0.000189	8.22	0.00104	0.00667	0.000144	0.000117	0.000068	0.0627	0.00000213	0.0000937	0.000286	0.00122	0.0000975
2062 Jun	0.000156	0.000156	0.000891	0.055	0.00000452	1.28	1.84	0.0187	0.000188	8.15	0.00104	0.00667	0.000144	0.000118	0.0000677	0.0625	0.00000212	0.0000931	0.000287	0.00122	0.0000964
2062 Jul	0.000157	0.000157	0.00089	0.0552	0.00000455	1.27	1.84	0.0187	0.000188	8.13	0.00104	0.00669	0.000145	0.000118	0.0000676	0.0625	0.00000212	0.0000929	0.000289	0.00122	0.0000959
2062 Aug	0.000157	0.000157	0.000891	0.0553	0.00000456	1.28	1.84	0.0187	0.000189	8.13	0.00104	0.0067	0.000145	0.000118	0.0000677	0.0626	0.00000212	0.000093	0.000289	0.00123	0.0000959
2062 Sep	0.000157	0.000157	0.00089	0.0554	0.00000457	1.28	1.84	0.0187	0.000189	8.12	0.00104	0.0067	0.000145	0.000118	0.0000676	0.0626	0.00000212	0.0000928	0.000289	0.00122	0.0000956
2062 Oct	0.000156	0.000156	0.000886	0.0553	0.00000457	1.27	1.83	0.0186	0.000189	8.07	0.00104	0.00668	0.000144	0.000117	0.0000672	0.0624	0.00000211	0.0000923	0.000288	0.00122	0.0000948
2062 Nov	0.000156	0.000156	0.000887	0.0554	0.00000457	1.27	1.83	0.0186	0.000189	8.07	0.00104	0.00669	0.000144	0.000117	0.0000672	0.0624	0.00000211	0.0000924	0.000288	0.00122	0.0000948
2062 Dec	0.000156	0.000156	0.000887	0.0554	0.00000457	1.27	1.83	0.0186	0.000189	8.07	0.00104	0.00669	0.000144	0.000117	0.0000672	0.0624	0.00000211	0.0000924	0.000288	0.00122	0.0000948
2063 Jan	0.000156	0.000156	0.000887	0.0554	0.00000457	1.27	1.83	0.0186	0.000189	8.07	0.00104	0.00669	0.000144	0.000117	0.0000672	0.0624	0.00000211	0.0000924	0.000288	0.00122	0.0000948
2063 Feb	0.000156	0.000156	0.000887	0.0554	0.00000457	1.27	1.83	0.0186	0.000189	8.07	0.00104	0.00669	0.000144	0.000117	0.0000672	0.0624	0.00000211	0.0000924	0.000288	0.00122	0.0000948
2063 Mar	0.000156	0.000156	0.000887	0.0554	0.00000457	1.27	1.83	0.0186	0.000189	8.07	0.00104	0.00669	0.000144	0.000117	0.0000672	0.0624	0.00000211	0.0000924	0.000288	0.00122	0.0000948
2063 Apr	0.000157	0.000156	0.000887	0.0554	0.00000457	1.27	1.83	0.0186	0.000189	8.07	0.00104	0.00669	0.000144	0.000117	0.0000673	0.0625	0.00000211	0.0000924	0.000288	0.00122	0.0000948
2063 May	0.000157	0.000157	0.000888	0.0556	0.00000458	1.27	1.84	0.0188	0.00019	8.08	0.00104	0.0067	0.000145	0.000118	0.0000674	0.0626	0.00000211	0.0000924	0.000289	0.00122	0.0000948
2063 Jun	0.000158	0.000159	0.000879	0.0566	0.00000461	1.26	1.84	0.0193	0.000187	7.94	0.00103	0.00668	0.00015	0.000118	0.0000669	0.0628	0.00000209	0.0000909	0.000295	0.00122	0.0000923
2063 Jul	0.000158	0.000159	0.000879	0.0567	0.00000462	1.26	1.84	0.0193	0.000187	7.93	0.00103	0.00668	0.00015	0.000118	0.0000669	0.0628	0.00000209	0.0000908	0.000296	0.00122	0.000092
2063 Aug	0.000159	0.00016	0.000883	0.057	0.00000465	1.27	1.85	0.0194	0.000188	7.97	0.00104	0.00672	0.000151	0.000118	0.0000673	0.0631	0.0000021	0.0000913	0.000297	0.00122	0.0000925
2063 Sep	0.000159	0.00016	0.000884	0.0571	0.00000466	1.27	1.85	0.0194	0.000189	7.98	0.00104	0.00673	0.000151	0.000118	0.0000673	0.0632	0.0000021	0.0000914	0.000297	0.00123	0.0000925
2063 Oct	0.000159	0.000159	0.000883	0.0571	0.00000466	1.27	1.84	0.0194	0.000189	7.96	0.00104	0.00672	0.00015	0.000118	0.0000672	0.0631	0.0000021	0.0000913	0.000297	0.00122	0.0000923
2063 Nov	0.000159	0.000159	0.000883	0.0571	0.00000466	1.27	1.84	0.0194	0.000189	7.96	0.00104	0.00673	0.00015	0.000118	0.0000672	0.0631	0.0000021	0.0000913	0.000297	0.00122	0.0000923
2063 Dec	0.000159	0.000159	0.000883	0.0571	0.00000466	1.27	1.84	0.0194	0.000189	7.96	0.00104	0.00673	0.00015	0.000118	0.0000672	0.0631	0.0000021	0.0000913	0.000297	0.00122	0.0000923
2064 Jan	0.000159	0.000159	0.000883	0.0571	0.00000466	1.27	1.84	0.0194	0.000189	7.96	0.00104	0.00673	0.00015	0.000118	0.0000672	0.0631	0.0000021	0.0000913	0.000297	0.00122	0.0000923
2064 Feb	0.000159	0.000159	0.000883	0.0571	0.00000466	1.27	1.84	0.0194	0.000189	7.96	0.00104	0.00673	0.00015	0.000118	0.0000672	0.0631	0.0000021	0.0000913	0.000297	0.00122	0.0000923
2064 Mar	0.000159	0.000159	0.000883	0.0571	0.00000466	1.27	1.84	0.0194	0.000189	7.96	0.00104	0.00673	0.00015	0.000118	0.0000672	0.0631	0.0000021	0.0000913	0.000297	0.00122	0.0000923

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2064 Apr	0.000159	0.000159	0.000884	0.0571	0.00000466	1.27	1.85	0.0194	0.000189	7.96	0.00104	0.00673	0.00015	0.000118	0.0000672	0.0632	0.0000021	0.0000913	0.000297	0.00122	0.0000923
2064 May	0.00016	0.000161	0.000884	0.0575	0.00000467	1.27	1.85	0.0196	0.000189	7.96	0.00104	0.00674	0.000152	0.000119	0.0000674	0.0634	0.0000021	0.0000913	0.000299	0.00123	0.0000921
2064 Jun	0.00016	0.000163	0.000879	0.0584	0.00000469	1.26	1.85	0.02	0.000188	7.88	0.00104	0.00673	0.000157	0.000119	0.0000672	0.0637	0.00000208	0.0000903	0.000304	0.00122	0.0000904
2064 Jul	0.000161	0.000163	0.000883	0.0587	0.00000472	1.27	1.86	0.0201	0.000188	7.91	0.00104	0.00676	0.000157	0.000119	0.0000675	0.064	0.00000209	0.0000907	0.000306	0.00123	0.0000907
2064 Aug	0.000162	0.000164	0.000885	0.0588	0.00000473	1.27	1.87	0.0202	0.000189	7.92	0.00104	0.00678	0.000158	0.000119	0.0000676	0.0641	0.00000209	0.0000908	0.000306	0.00123	0.0000908
2064 Sep	0.000161	0.000163	0.000884	0.0588	0.00000474	1.27	1.86	0.0201	0.000189	7.91	0.00104	0.00678	0.000157	0.000119	0.0000675	0.0641	0.00000209	0.0000907	0.000306	0.00123	0.0000905
2064 Oct	0.000162	0.000163	0.000884	0.0589	0.00000474	1.27	1.86	0.0201	0.000189	7.91	0.00104	0.00678	0.000157	0.000119	0.0000675	0.0641	0.00000209	0.0000907	0.000306	0.00123	0.0000905
2064 Nov	0.000162	0.000164	0.000885	0.0589	0.00000474	1.27	1.87	0.0201	0.00019	7.91	0.00104	0.00678	0.000157	0.000119	0.0000675	0.0642	0.00000209	0.0000908	0.000306	0.00123	0.0000906
2064 Dec	0.000162	0.000164	0.000885	0.0589	0.00000474	1.27	1.87	0.0201	0.00019	7.91	0.00104	0.00678	0.000157	0.000119	0.0000675	0.0642	0.00000209	0.0000908	0.000306	0.00123	0.0000906
2065 Jan	0.000162	0.000164	0.000885	0.0589	0.00000474	1.27	1.87	0.0201	0.00019	7.91	0.00104	0.00678	0.000157	0.000119	0.0000675	0.0642	0.00000209	0.0000908	0.000306	0.00123	0.0000906
2065 Feb	0.000162	0.000164	0.000885	0.0589	0.00000474	1.27	1.87	0.0201	0.00019	7.91	0.00104	0.00678	0.000157	0.000119	0.0000675	0.0642	0.00000209	0.0000908	0.000306	0.00123	0.0000906
2065 Mar	0.000162	0.000164	0.000885	0.0589	0.00000475	1.27	1.87	0.0202	0.00019	7.91	0.00104	0.00679	0.000157	0.000119	0.0000676	0.0642	0.00000209	0.0000908	0.000306	0.00123	0.0000906
2065 Apr	0.000162	0.000164	0.000885	0.0589	0.00000475	1.27	1.87	0.0202	0.00019	7.92	0.00104	0.00679	0.000157	0.000119	0.0000676	0.0642	0.00000209	0.0000908	0.000306	0.00123	0.0000906
2065 May	0.000162	0.000165	0.000887	0.0593	0.00000476	1.27	1.87	0.0203	0.00019	7.92	0.00105	0.00681	0.000159	0.000119	0.0000678	0.0645	0.0000021	0.0000909	0.000308	0.00123	0.0000906
2065 Jun	0.000163	0.000166	0.000883	0.0599	0.00000478	1.27	1.87	0.0207	0.000189	7.86	0.00104	0.0068	0.000162	0.00012	0.0000676	0.0646	0.00000208	0.0000902	0.000312	0.00123	0.0000892
2065 Jul	0.000164	0.000167	0.000888	0.0603	0.00000481	1.28	1.89	0.0208	0.00019	7.9	0.00105	0.00684	0.000163	0.00012	0.000068	0.065	0.0000021	0.0000906	0.000314	0.00124	0.0000897
2065 Aug	0.000165	0.000168	0.000892	0.0607	0.00000484	1.28	1.9	0.0209	0.000191	7.94	0.00106	0.00688	0.000164	0.000121	0.0000683	0.0654	0.00000211	0.0000911	0.000316	0.00125	0.0000901
2065 Sep	0.000165	0.000167	0.00089	0.0606	0.00000484	1.28	1.89	0.0208	0.000191	7.91	0.00105	0.00687	0.000163	0.000121	0.0000681	0.0652	0.0000021	0.0000909	0.000315	0.00124	0.0000897
2065 Oct	0.000164	0.000167	0.000886	0.0604	0.00000483	1.27	1.88	0.0207	0.000191	7.86	0.00105	0.00685	0.000162	0.00012	0.0000677	0.065	0.00000209	0.0000904	0.000313	0.00124	0.0000889
2065 Nov	0.000164	0.000166	0.000886	0.0604	0.00000483	1.27	1.88	0.0207	0.000191	7.85	0.00105	0.00685	0.000162	0.00012	0.0000677	0.0649	0.00000209	0.0000903	0.000313	0.00124	0.0000888
2065 Dec	0.000164	0.000167	0.000886	0.0604	0.00000484	1.27	1.88	0.0207	0.000191	7.85	0.00105	0.00685	0.000162	0.00012	0.0000677	0.0649	0.00000209	0.0000903	0.000313	0.00124	0.0000888
2066 Jan	0.000164	0.000167	0.000886	0.0604	0.00000484	1.27	1.88	0.0207	0.000191	7.85	0.00105	0.00685	0.000162	0.00012	0.0000677	0.0649	0.00000209	0.0000903	0.000313	0.00124	0.0000888
2066 Feb	0.000164	0.000167	0.000886	0.0605	0.00000484	1.27	1.88	0.0207	0.000191	7.85	0.00105	0.00685	0.000162	0.00012	0.0000677	0.065	0.00000209	0.0000903	0.000313	0.00124	0.0000888
2066 Mar	0.000164	0.000167	0.000886	0.0605	0.00000484	1.27	1.88	0.0207	0.000191	7.86	0.00105	0.00685	0.000162	0.00012	0.0000677	0.065	0.00000209	0.0000904	0.000313	0.00124	0.0000889
2066 Apr	0.000164	0.000167	0.000886	0.0605	0.00000484	1.27	1.88	0.0207	0.000191	7.86	0.00105	0.00685	0.000162	0.00012	0.0000677	0.065	0.00000209	0.0000904	0.000313	0.00124	0.0000889
2066 May	0.000164	0.000167	0.000888	0.0606	0.00000485	1.28	1.89	0.0208	0.000192	7.87	0.00105	0.00686	0.000163	0.00012	0.0000678	0.0651	0.00000209	0.0000905	0.000314	0.00124	0.000089
2066 Jun	0.000165	0.000167	0.000881	0.061	0.00000487	1.27	1.88	0.0209	0.00019	7.78	0.00105	0.00685	0.000164	0.00012	0.0000674	0.065	0.00000208	0.0000896	0.000316	0.00124	0.0000875
2066 Jul	0.000166	0.000168	0.000886	0.0615	0.00000491	1.28	1.89	0.0211	0.000191	7.82	0.00105	0.0069	0.000165	0.000121	0.0000678	0.0654	0.00000209	0.0000901	0.000319	0.00125	0.0000878
2066 Aug	0.000167	0.000169	0.000891	0.0618	0.00000494	1.28	1.9	0.0212	0.000192	7.86	0.00106	0.00693	0.000166	0.000121	0.0000682	0.0658	0.0000021	0.0000905	0.00032	0.00125	0.0000882
2066 Sep	0.000167	0.000169	0.000892	0.0619	0.00000494	1.28	1.9	0.0212	0.000193	7.86	0.00106	0.00694	0.000166	0.000121	0.0000682	0.0658	0.0000021	0.0000906	0.000321	0.00125	0.0000882
2066 Oct	0.000166	0.000169	0.00089	0.0618	0.00000494	1.28	1.9	0.0211	0.000193	7.84	0.00106	0.00694	0.000166	0.000121	0.0000681	0.0657	0.0000021	0.0000904	0.00032	0.00125	0.000088
2066 Nov	0.000166	0.000169	0.00089	0.0618	0.00000494	1.28	1.9	0.0211	0.000193	7.84	0.00106	0.00694	0.000166	0.000121	0.000068	0.0657	0.0000021	0.0000904	0.00032	0.00125	0.0000879
2066 Dec	0.000166	0.000169	0.00089	0.0618	0.00000494	1.28	1.9	0.0211	0.000193	7.84	0.00106	0.00694	0.000166	0.000121	0.000068	0.0657	0.0000021	0.0000904	0.00032	0.00125	0.0000879
2067 Jan	0.000166	0.000169	0.00089	0.0618	0.00000494	1.28	1.9	0.0211	0.000193	7.84	0.00106	0.00694	0.000166	0.000121	0.000068	0.0657	0.0000021	0.0000904	0.00032	0.00125	0.0000879
2067 Feb	0.000166	0.000169	0.00089	0.0618	0.00000494	1.28	1.9	0.0211	0.000193	7.84	0.00106	0.00694	0.000166	0.000121	0.000068	0.0657	0.0000021	0.0000904	0.00032	0.00125	0.0000879
2067 Mar	0.000166	0.000169	0.00089	0.0618	0.00000494	1.28	1.9	0.0211	0.000193	7.84	0.00106	0.00694	0.000166	0.000121	0.000068	0.0657	0.0000021	0.0000904	0.00032	0.00125	0.0000879
2067 Apr	0.000167	0.000169	0.000891	0.0618	0.00000494	1.28	1.9	0.0211	0.000193	7.84	0.00106	0.00694	0.000166	0.000121	0.0000681	0.0657	0.0000021	0.0000904	0.00032	0.00125	0.000088
2067 May	0.000167	0.00017	0.000892	0.0621	0.00000496	1.28	1.9	0.0213	0.000193	7.86	0.00106	0.00696	0.000167	0.000121	0.0000683	0.066	0.0000021	0.0000906	0.000322	0.00125	0.000088
2067 Jun	0.000168	0.000171	0.00089	0.0627	0.00000497	1.28	1.91	0.0216	0.000193	7.81	0.00106	0.00695	0.00017	0.000122	0.0000682	0.0662	0.00000209	0.00009	0.000325	0.00125	0.000087
2067 Jul	0.000169	0.000172	0.000896	0.0632	0.00000501	1.29	1.92	0.0218	0.000194	7.86	0.00106	0.007	0.000171	0.000123	0.0000686	0.0667	0.00000211	0.0000906	0.000327	0.00126	0.0000875
2067 Aug	0.00017	0.000173	0.000899	0.0634	0.00000503	1.29	1.93	0.0218	0.000195	7.88	0.00107	0.00703	0.000171	0.000123	0.0000688	0.0669	0.00000211	0.0000909	0.000328	0.00127	0.0000877
2067 Sep	0.00017	0.000173	0.0009	0.0635	0.00000504	1.29	1.93	0.0218	0.000195	7.88	0.00107	0.00704	0.000171	0.000123	0.0000689	0.0669	0.00000212	0.0000909	0.000329	0.00127	0.0000877
2067 Oct	0.000169	0.000172	0.000897	0.0634	0.00000504	1.29	1.92	0.0218	0.000195	7.86	0.00107	0.00703	0.000171	0.000122	0.0000687	0.0668	0.00000211	0.0000907	0.000328	0.00126	0.0000873
2067 Nov	0.000169	0.000172	0.000897	0.0634	0.00000504	1.29	1.92	0.0217	0.000195	7.85	0.00107	0.00703	0.000171	0.000122	0.0000686	0.0668	0.00000211	0.0000906	0.000327	0.00126	0.0000872
2067 Dec	0.000169	0.000172	0.000897	0.0634	0.00000504	1.29	1.92	0.0217	0.000195	7.85	0.00107	0.00703	0.000171	0.000122	0.0000686	0.0668	0.00000211	0.0000907	0.000327	0.00126	0.0000873
2068 Jan	0.000169	0.000172	0.000897	0.0634	0.00000504	1.29	1.92	0.0217	0.000195	7.85	0.00107	0.00703	0.000171	0.000122	0.0000686	0.0668	0.00000211	0.0000907	0.000327	0.00126	0.0000873
2068 Feb	0.000169	0.000172	0.000897	0.0634	0.00000504	1.29	1.92	0.0218	0.000195	7.85	0.00107	0.00703	0.000171	0.000122	0.0000687	0.0668	0.00000211	0.0000907	0.000327	0.00126	0.0000873
2068 Mar	0.000169	0.000173	0.000897	0.0634	0.00000504	1.29	1.92	0.0218	0.000195	7.86	0.00107	0.00703	0.000171	0.000122	0.0000687	0.0668	0.00000211	0.0000907	0.000328	0.00126	0.0000873
2068 Apr	0.00017	0.000173	0.000898	0.0635	0.00000504	1.29	1.92	0.0218	0.000195	7.86	0.00107	0.00704	0.000171	0.000123	0.0000687	0.0669	0.00000211	0.0000908	0.000328	0.00126	0.0000874
2068 May	0.00017	0.000174	0.0009	0.0638	0.00000506	1.29	1.93	0.0219	0.000196	7.87	0.00107	0.00705	0.000172	0.000123	0.0000689	0.0671	0.00000211	0.0000908	0.00033	0.00127	0.0000873
2068 Jun	0.00017	0.000175	0.000891	0.0645	0.00000506	1.28	1.93	0.0223	0.000193	7.75	0.00106	0.00701	0.000176	0.000122	0.0000684	0.0671	0.00000209	0.0000895	0.000334	0.00126	0.0000852
2068 Jul	0.000171	0.000176	0.000894	0.0648	0.00000509	1.29	1.93	0.0224	0.000194	7.77	0.00107	0.00704	0.000177	0.000123	0.0000687	0.0674	0.0000021	0.0000897	0.000335	0.00127	0.0000853
2068 Aug	0.000172	0.000177	0.0009	0.0652	0.00000512	1.3	1.94	0.0225	0.000195	7.82	0.00107	0.00709	0.000178	0.000124	0.0000691	0.0678	0.00000211	0.0000903	0.000337	0.00127	0.0000858
2068 Sep	0.000172	0.000177	0.0009	0.0652	0.00000513	1.3	1.95	0.0225	0.000196	7.82	0.00107	0.0071	0.000178	0.000124	0.0000691	0.0678	0.00000211	0.0000903	0.000337	0.00127	0.0000858
2068 Oct	0.000172	0.000177	0.0009	0.0653	0.00000513	1.3	1.95	0.0225	0.000196	7.82	0.00107	0.0071	0.000178	0.000124	0.0000691	0.0678	0.00000211	0.0000903	0.000337	0.00127	0.0000858
2068 Nov	0.000172	0.000177	0.000901	0.0653	0.00000514	1.3	1.95	0.0225	0.000196	7.82	0.00107	0.0071	0.000178	0.000124	0.0000691	0.0679	0.00000211	0.0000904	0.000337	0.00127	0.0000858
2068 Dec	0.000172	0.000177	0.000901	0.0653	0.00000514	1.3	1.95	0.0225	0.000196	7.82	0.00107	0.0071	0.000178	0.000124	0.0000691	0.0679	0.00000211	0.0000904	0.000337	0.00127	0.0000858
2069 Jan	0.000172	0.000177	0.000901	0.0653	0.00000514	1.3	1.95	0.0225	0.000196	7.82	0.00107	0.0071	0.000178	0.000124	0.0000691	0.0679	0.00000211	0.0000904	0.000337	0.00127	0.0000858
2069 Feb	0.000172	0.000177	0.000901	0.0653	0.00000514	1.3	1.95	0.0225	0.000196	7.82	0.00107	0.0071	0.000178	0.000124	0.0000691	0.0679	0.00000211	0.0000904	0.000337	0.00127	0.0000858
2069 Mar	0.000172	0.000177	0.000901	0.0653	0.00000514	1.3	1.95	0.0225	0.000196	7.82	0.00107	0.0071	0.000178	0.000124	0.0000691	0.0679	0.00000211	0.0000904	0.000337	0.00127	0.0000858
2069 Apr	0.000173	0.000177	0.000901	0.0653	0.00000514	1.3	1.95	0.0226	0.000196	7.83	0.00107	0.00711	0.000178	0.000124	0.0000691	0.0679	0.00000211	0.0000904	0.000337	0.00127	0.0000858

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2069 May	0.000173	0.000177	0.000903	0.0655	0.00000515	1.3	1.95	0.0226	0.000197	7.84	0.00108	0.00712	0.000178	0.000124	0.0000693	0.0681	0.00000212	0.0000906	0.000338	0.00128	0.000086
2069 Jun	0.000173	0.000177	0.000899	0.0657	0.00000517	1.3	1.95	0.0227	0.000196	7.78	0.00107	0.00711	0.000179	0.000124	0.000069	0.068	0.00000211	0.00009	0.00034	0.00128	0.000085
2069 Jul	0.000174	0.000178	0.000902	0.0661	0.0000052	1.3	1.95	0.0228	0.000196	7.8	0.00108	0.00715	0.00018	0.000125	0.0000693	0.0683	0.00000212	0.0000903	0.000342	0.00128	0.0000851
2069 Aug	0.000175	0.000179	0.000905	0.0664	0.00000522	1.31	1.96	0.0229	0.000197	7.83	0.00108	0.00718	0.00018	0.000125	0.0000695	0.0685	0.00000212	0.0000906	0.000343	0.00129	0.0000854
2069 Sep	0.000174	0.000178	0.000903	0.0663	0.00000522	1.3	1.96	0.0228	0.000197	7.8	0.00108	0.00717	0.00018	0.000125	0.0000693	0.0683	0.00000212	0.0000904	0.000342	0.00129	0.000085
2069 Oct	0.000174	0.000177	0.000899	0.0661	0.00000521	1.3	1.95	0.0227	0.000197	7.76	0.00108	0.00715	0.000179	0.000124	0.0000689	0.0681	0.00000211	0.0000899	0.000341	0.00128	0.0000843
2069 Nov	0.000174	0.000177	0.000899	0.0661	0.00000522	1.3	1.95	0.0227	0.000197	7.75	0.00107	0.00715	0.000179	0.000124	0.0000689	0.0681	0.00000211	0.0000899	0.00034	0.00128	0.0000843
2069 Dec	0.000174	0.000177	0.000899	0.0661	0.00000522	1.3	1.95	0.0227	0.000197	7.75	0.00108	0.00715	0.000179	0.000124	0.0000689	0.0681	0.00000211	0.0000899	0.00034	0.00128	0.0000843
2070 Jan	0.000174	0.000177	0.000899	0.0661	0.00000522	1.3	1.95	0.0227	0.000197	7.75	0.00108	0.00715	0.000179	0.000124	0.0000689	0.0681	0.00000211	0.0000899	0.00034	0.00128	0.0000843
2070 Feb	0.000174	0.000177	0.000899	0.0661	0.00000522	1.3	1.95	0.0227	0.000197	7.75	0.00108	0.00715	0.000179	0.000124	0.0000689	0.0681	0.00000211	0.0000899	0.00034	0.00128	0.0000843
2070 Mar	0.000174	0.000177	0.000899	0.0661	0.00000522	1.3	1.95	0.0227	0.000198	7.76	0.00108	0.00715	0.000179	0.000124	0.0000689	0.0681	0.00000211	0.0000899	0.000341	0.00128	0.0000843
2070 Apr	0.000174	0.000177	0.0009	0.0662	0.00000522	1.3	1.95	0.0227	0.000198	7.76	0.00108	0.00716	0.000179	0.000124	0.000069	0.0681	0.00000211	0.00009	0.000341	0.00128	0.0000843
2070 May	0.000174	0.000178	0.000902	0.0665	0.00000523	1.3	1.95	0.0229	0.000198	7.77	0.00108	0.00717	0.00018	0.000124	0.0000691	0.0684	0.00000211	0.0000901	0.000342	0.00128	0.0000843
2070 Jun	0.000175	0.00018	0.0009	0.0671	0.00000525	1.3	1.96	0.0232	0.000197	7.73	0.00108	0.00717	0.000183	0.000125	0.0000691	0.0687	0.0000021	0.0000896	0.000346	0.00128	0.0000834
2070 Jul	0.000176	0.000181	0.000904	0.0675	0.00000528	1.3	1.97	0.0233	0.000198	7.76	0.00108	0.00721	0.000184	0.000125	0.0000695	0.069	0.00000211	0.00009	0.000348	0.00129	0.0000837
2070 Aug	0.000177	0.000182	0.000908	0.0678	0.00000531	1.31	1.98	0.0234	0.000199	7.8	0.00109	0.00725	0.000185	0.000126	0.0000698	0.0693	0.00000212	0.0000904	0.000349	0.0013	0.0000841
2070 Sep	0.000176	0.000181	0.000906	0.0677	0.0000053	1.31	1.97	0.0233	0.000199	7.77	0.00109	0.00724	0.000184	0.000125	0.0000696	0.0692	0.00000212	0.0000902	0.000348	0.00129	0.0000837
2070 Oct	0.000176	0.000181	0.000904	0.0677	0.0000053	1.3	1.97	0.0233	0.000199	7.74	0.00108	0.00723	0.000184	0.000125	0.0000693	0.069	0.00000211	0.0000899	0.000348	0.00129	0.0000833
2070 Nov	0.000176	0.000181	0.000904	0.0677	0.0000053	1.3	1.97	0.0233	0.0002	7.74	0.00108	0.00723	0.000184	0.000125	0.0000693	0.069	0.00000211	0.0000899	0.000348	0.00129	0.0000833
2070 Dec	0.000176	0.000181	0.000904	0.0677	0.0000053	1.3	1.97	0.0233	0.0002	7.74	0.00108	0.00723	0.000184	0.000125	0.0000693	0.069	0.00000211	0.0000899	0.000348	0.00129	0.0000833
2071 Jan	0.000176	0.000181	0.000904	0.0677	0.0000053	1.3	1.97	0.0233	0.0002	7.74	0.00108	0.00723	0.000184	0.000125	0.0000693	0.069	0.00000211	0.0000899	0.000348	0.00129	0.0000833
2071 Feb	0.000176	0.000181	0.000904	0.0677	0.0000053	1.3	1.97	0.0233	0.0002	7.74	0.00108	0.00723	0.000184	0.000125	0.0000693	0.069	0.00000211	0.0000899	0.000348	0.00129	0.0000833
2071 Mar	0.000176	0.000181	0.000904	0.0677	0.0000053	1.3	1.97	0.0233	0.0002	7.74	0.00108	0.00723	0.000184	0.000125	0.0000693	0.069	0.00000211	0.0000899	0.000348	0.00129	0.0000833
2071 Apr	0.000176	0.000181	0.000904	0.0677	0.00000531	1.3	1.97	0.0233	0.0002	7.75	0.00108	0.00723	0.000184	0.000125	0.0000694	0.0691	0.00000211	0.0000899	0.000348	0.00129	0.0000833
2071 May	0.000177	0.000181	0.000905	0.068	0.00000532	1.3	1.97	0.0234	0.0002	7.74	0.00108	0.00724	0.000185	0.000125	0.0000695	0.0692	0.00000211	0.0000899	0.000349	0.00129	0.0000831
2071 Jun	0.000177	0.000183	0.0009	0.0685	0.00000533	1.3	1.97	0.0237	0.000198	7.67	0.00108	0.00722	0.000188	0.000125	0.0000693	0.0694	0.0000021	0.0000891	0.000353	0.00129	0.0000818
2071 Jul	0.000178	0.000183	0.000903	0.0688	0.00000535	1.3	1.98	0.0238	0.000199	7.69	0.00108	0.00725	0.000188	0.000126	0.0000695	0.0696	0.0000021	0.0000894	0.000354	0.00129	0.0000819
2071 Aug	0.000179	0.000184	0.000907	0.0691	0.00000538	1.31	1.99	0.0239	0.0002	7.73	0.00109	0.00729	0.000189	0.000126	0.0000698	0.0699	0.00000211	0.0000898	0.000356	0.0013	0.0000823
2071 Sep	0.000178	0.000184	0.000906	0.0691	0.00000538	1.31	1.99	0.0239	0.0002	7.71	0.00109	0.00728	0.000189	0.000126	0.0000696	0.0698	0.00000211	0.0000896	0.000355	0.0013	0.0000821
2071 Oct	0.000178	0.000184	0.000905	0.069	0.00000537	1.3	1.98	0.0238	0.0002	7.7	0.00109	0.00727	0.000188	0.000126	0.0000695	0.0698	0.00000211	0.0000895	0.000354	0.00129	0.0000819
2071 Nov	0.000178	0.000183	0.000904	0.069	0.00000538	1.3	1.98	0.0238	0.0002	7.69	0.00109	0.00728	0.000188	0.000126	0.0000695	0.0698	0.00000211	0.0000895	0.000354	0.00129	0.0000818
2071 Dec	0.000178	0.000183	0.000904	0.069	0.00000538	1.3	1.98	0.0238	0.0002	7.69	0.00109	0.00728	0.000188	0.000126	0.0000695	0.0698	0.00000211	0.0000895	0.000354	0.00129	0.0000818
2072 Jan	0.000178	0.000183	0.000905	0.069	0.00000538	1.3	1.98	0.0238	0.0002	7.69	0.00109	0.00728	0.000188	0.000126	0.0000695	0.0698	0.00000211	0.0000895	0.000354	0.00129	0.0000818
2072 Feb	0.000178	0.000183	0.000905	0.069	0.00000538	1.3	1.98	0.0238	0.0002	7.69	0.00109	0.00728	0.000188	0.000126	0.0000695	0.0698	0.00000211	0.0000895	0.000354	0.00129	0.0000818
2072 Mar	0.000178	0.000183	0.000905	0.069	0.00000538	1.3	1.98	0.0238	0.0002	7.69	0.00109	0.00728	0.000188	0.000126	0.0000695	0.0698	0.00000211	0.0000895	0.000354	0.00129	0.0000818
2072 Apr	0.000178	0.000184	0.000905	0.0691	0.00000538	1.31	1.98	0.0238	0.0002	7.7	0.00109	0.00728	0.000188	0.000126	0.0000695	0.0698	0.00000211	0.0000895	0.000355	0.00129	0.0000818
2072 May	0.000179	0.000184	0.000907	0.0692	0.00000539	1.31	1.99	0.0239	0.000201	7.71	0.00109	0.00729	0.000189	0.000126	0.0000697	0.0699	0.00000211	0.0000897	0.000355	0.0013	0.000082
2072 Jun	0.000179	0.000184	0.000904	0.0693	0.00000541	1.3	1.98	0.0239	0.0002	7.67	0.00109	0.0073	0.000189	0.000126	0.0000695	0.0698	0.00000211	0.0000893	0.000356	0.0013	0.0000814
2072 Jul	0.000179	0.000184	0.000906	0.0695	0.00000543	1.31	1.99	0.0239	0.000201	7.68	0.00109	0.00732	0.000189	0.000127	0.0000696	0.0699	0.00000211	0.0000895	0.000357	0.0013	0.0000813
2072 Aug	0.000179	0.000184	0.000905	0.0696	0.00000544	1.31	1.98	0.0239	0.000201	7.67	0.00109	0.00732	0.000189	0.000126	0.0000695	0.07	0.00000211	0.0000894	0.000357	0.0013	0.0000811
2072 Sep	0.000179	0.000184	0.000904	0.0696	0.00000545	1.3	1.98	0.0239	0.000201	7.65	0.00109	0.00732	0.000188	0.000126	0.0000694	0.0699	0.00000211	0.0000892	0.000356	0.0013	0.0000808
2072 Oct	0.000179	0.000183	0.000901	0.0694	0.00000545	1.3	1.98	0.0238	0.000202	7.62	0.00108	0.0073	0.000188	0.000126	0.0000691	0.0697	0.0000021	0.0000889	0.000355	0.0013	0.0000803
2072 Nov	0.000179	0.000183	0.000901	0.0694	0.00000545	1.3	1.98	0.0238	0.000202	7.61	0.00108	0.0073	0.000188	0.000125	0.0000691	0.0697	0.0000021	0.0000889	0.000355	0.0013	0.0000802
2072 Dec	0.000179	0.000183	0.000901	0.0694	0.00000545	1.3	1.98	0.0238	0.000202	7.61	0.00108	0.00731	0.000188	0.000125	0.0000691	0.0697	0.0000021	0.0000889	0.000355	0.0013	0.0000802
2073 Jan	0.000179	0.000183	0.000901	0.0694	0.00000545	1.3	1.98	0.0238	0.000202	7.61	0.00108	0.00731	0.000188	0.000125	0.0000691	0.0697	0.0000021	0.0000889	0.000355	0.0013	0.0000802
2073 Feb	0.000179	0.000183	0.000901	0.0694	0.00000545	1.3	1.98	0.0238	0.000202	7.61	0.00108	0.00731	0.000188	0.000125	0.0000691	0.0697	0.0000021	0.0000889	0.000355	0.0013	0.0000802
2073 Mar	0.000179	0.000183	0.000901	0.0694	0.00000545	1.3	1.98	0.0238	0.000202	7.61	0.00108	0.00731	0.000188	0.000125	0.0000691	0.0697	0.0000021	0.0000889	0.000355	0.0013	0.0000803
2073 Apr	0.000179	0.000183	0.000902	0.0695	0.00000545	1.3	1.98	0.0238	0.000202	7.62	0.00109	0.00731	0.000188	0.000126	0.0000692	0.0697	0.0000021	0.0000889	0.000355	0.0013	0.0000803
2073 May	0.00018	0.000184	0.000903	0.0699	0.00000547	1.3	1.98	0.024	0.000202	7.62	0.00109	0.00733	0.000189	0.000126	0.0000693	0.07	0.00000211	0.0000889	0.000357	0.0013	0.0000801
2073 Jun	0.00018	0.000186	0.000901	0.0705	0.00000548	1.3	1.99	0.0243	0.000201	7.58	0.00109	0.00732	0.000192	0.000126	0.0000693	0.0703	0.0000021	0.0000884	0.000361	0.0013	0.0000791
2073 Jul	0.000181	0.000186	0.000903	0.0708	0.0000055	1.3	1.99	0.0244	0.000202	7.6	0.00109	0.00735	0.000193	0.000126	0.0000695	0.0705	0.0000021	0.0000887	0.000362	0.0013	0.0000793
2073 Aug	0.000182	0.000187	0.000907	0.0711	0.00000553	1.31	2	0.0245	0.000203	7.62	0.00109	0.00738	0.000194	0.000127	0.0000698	0.0708	0.00000211	0.000089	0.000363	0.00131	0.0000796
2073 Sep	0.000181	0.000187	0.000906	0.071	0.00000553	1.31	2	0.0245	0.000203	7.62	0.00109	0.00738	0.000193	0.000127	0.0000697	0.0707	0.00000211	0.0000889	0.000363	0.00131	0.0000795
2073 Oct	0.000181	0.000186	0.000904	0.0709	0.00000552	1.3	1.99	0.0244	0.000203	7.59	0.00109	0.00737	0.000193	0.000126	0.0000695	0.0706	0.0000021	0.0000887	0.000362	0.0013	0.0000791
2073 Nov	0.000181	0.000186	0.000904	0.0709	0.00000552	1.3	1.99	0.0244	0.000203	7.58	0.00109	0.00736	0.000193	0.000126	0.0000694	0.0705	0.0000021	0.0000886	0.000362	0.0013	0.000079
2073 Dec	0.000181	0.000186	0.000904	0.0709	0.00000552	1.3	1.99	0.0244	0.000203	7.59	0.00109	0.00737	0.000193	0.000126	0.0000694	0.0705	0.0000021	0.0000886	0.000362	0.0013	0.000079
2074 Jan	0.000181	0.000186	0.000904	0.0709	0.00000552	1.3	1.99	0.0244	0.000203	7.59	0.00109	0.00737	0.000193	0.000126	0.0000694	0.0705	0.0000021	0.0000886	0.000362	0.0013	0.000079
2074 Feb	0.000181	0.000186	0.000904	0.0709	0.00000552	1.3	1.99	0.0244	0.000203	7.59	0.00109	0.00737	0.000193	0.000126	0.0000694	0.0705	0.0000021	0.0000886	0.000362	0.0013	0.000079
2074 Mar	0.000181	0.000186	0.000904	0.0709	0.00000552	1.3	1.99	0.0244	0.000203	7.59	0.00109	0.00737	0.000193	0.000126	0.0000694	0.0705	0.0000021	0.0000887	0.000362	0.0013	0.000079
2074 Apr	0.000181	0.000186	0.000905	0.071	0.00000553	1.31	2	0.0244	0.000203	7.59	0.00109	0.00737	0.000193	0.000126	0.0000695	0.0706	0.0000021	0.0000887	0.000362	0.0013	0.0000791
2074 May	0.000182	0.000188	0.000906	0.0715	0.00000555	1.31	2	0.0247	0.000203	7.59	0.00109	0.00739	0.000195	0.000127	0.0000697	0.071	0.0000021	0.0000887	0.000365	0.00131	0.0000788

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2074 Jun	0.000183	0.000189	0.000901	0.0721	0.00000555	1.3	2	0.025	0.000202	7.52	0.00109	0.00736	0.000199	0.000126	0.0000695	0.0711	0.00000209	0.0000878	0.000369	0.0013	0.0000774
2074 Jul	0.000184	0.00019	0.000906	0.0725	0.00000558	1.31	2.02	0.0252	0.000203	7.56	0.0011	0.00741	0.0002	0.000127	0.0000698	0.0715	0.0000021	0.0000883	0.000371	0.00131	0.0000778
2074 Aug	0.000185	0.000191	0.000911	0.073	0.00000562	1.32	2.03	0.0253	0.000204	7.6	0.0011	0.00745	0.000201	0.000128	0.0000703	0.0719	0.00000211	0.0000888	0.000373	0.00132	0.0000782
2074 Sep	0.000184	0.000191	0.00091	0.0729	0.00000561	1.31	2.02	0.0252	0.000204	7.58	0.0011	0.00744	0.0002	0.000128	0.0000701	0.0718	0.00000211	0.0000886	0.000372	0.00131	0.000078
2074 Oct	0.000184	0.000191	0.000908	0.0728	0.00000561	1.31	2.02	0.0252	0.000204	7.57	0.0011	0.00744	0.0002	0.000127	0.00007	0.0717	0.0000021	0.0000885	0.000371	0.00131	0.0000778
2074 Nov	0.000184	0.000191	0.000909	0.0728	0.00000561	1.31	2.02	0.0252	0.000205	7.57	0.0011	0.00744	0.0002	0.000127	0.00007	0.0717	0.00000211	0.0000885	0.000371	0.00131	0.0000778
2074 Dec	0.000184	0.000191	0.000909	0.0728	0.00000561	1.31	2.02	0.0252	0.000205	7.57	0.0011	0.00744	0.0002	0.000127	0.00007	0.0717	0.00000211	0.0000885	0.000371	0.00131	0.0000778
2075 Jan	0.000184	0.000191	0.000909	0.0728	0.00000561	1.31	2.02	0.0252	0.000205	7.57	0.0011	0.00744	0.0002	0.000127	0.00007	0.0717	0.00000211	0.0000885	0.000371	0.00131	0.0000778
2075 Feb	0.000184	0.000191	0.000909	0.0728	0.00000561	1.31	2.02	0.0252	0.000205	7.57	0.0011	0.00744	0.0002	0.000127	0.00007	0.0717	0.00000211	0.0000885	0.000371	0.00131	0.0000778
2075 Mar	0.000184	0.000191	0.000909	0.0728	0.00000561	1.31	2.02	0.0252	0.000205	7.57	0.0011	0.00744	0.0002	0.000127	0.00007	0.0718	0.00000211	0.0000885	0.000371	0.00131	0.0000778
2075 Apr	0.000184	0.000191	0.000909	0.0729	0.00000562	1.31	2.02	0.0252	0.000205	7.58	0.0011	0.00745	0.0002	0.000127	0.0000701	0.0718	0.00000211	0.0000886	0.000372	0.00131	0.0000779
2075 May	0.000185	0.000191	0.000911	0.0731	0.00000563	1.32	2.03	0.0253	0.000205	7.59	0.0011	0.00746	0.000201	0.000128	0.0000702	0.072	0.00000211	0.0000887	0.000373	0.00132	0.0000779
2075 Jun	0.000184	0.00019	0.000904	0.0729	0.00000564	1.31	2.01	0.0252	0.000203	7.51	0.0011	0.00744	0.0002	0.000128	0.0000697	0.0715	0.0000021	0.000088	0.000372	0.00131	0.0000768
2075 Jul	0.000185	0.00019	0.000905	0.0731	0.00000566	1.31	2.01	0.0252	0.000204	7.5	0.0011	0.00746	0.0002	0.000128	0.0000697	0.0716	0.0000021	0.0000879	0.000374	0.00132	0.0000766
2075 Aug	0.000185	0.000191	0.000908	0.0734	0.00000568	1.31	2.02	0.0253	0.000204	7.52	0.0011	0.00748	0.0002	0.000128	0.0000699	0.0718	0.00000211	0.0000882	0.000375	0.00132	0.0000768
2075 Sep	0.000185	0.000191	0.000909	0.0735	0.00000569	1.31	2.02	0.0253	0.000205	7.53	0.0011	0.00749	0.000201	0.000129	0.00007	0.0719	0.00000211	0.0000883	0.000375	0.00132	0.0000769
2075 Oct	0.000185	0.000191	0.000908	0.0734	0.00000569	1.31	2.02	0.0253	0.000205	7.53	0.0011	0.00749	0.0002	0.000128	0.0000699	0.0719	0.00000211	0.0000883	0.000375	0.00132	0.0000768
2075 Nov	0.000185	0.000191	0.000909	0.0735	0.00000569	1.31	2.02	0.0253	0.000205	7.53	0.0011	0.00749	0.0002	0.000128	0.00007	0.0719	0.00000211	0.0000883	0.000375	0.00132	0.0000768
2075 Dec	0.000185	0.000191	0.000909	0.0735	0.00000569	1.31	2.02	0.0253	0.000205	7.53	0.0011	0.00749	0.0002	0.000128	0.00007	0.0719	0.00000211	0.0000883	0.000375	0.00132	0.0000768
2076 Jan	0.000185	0.000191	0.000909	0.0735	0.00000569	1.31	2.02	0.0253	0.000205	7.53	0.0011	0.00749	0.0002	0.000128	0.00007	0.0719	0.00000211	0.0000883	0.000375	0.00132	0.0000768
2076 Feb	0.000185	0.000191	0.000909	0.0735	0.00000569	1.31	2.02	0.0253	0.000205	7.53	0.0011	0.00749	0.0002	0.000128	0.00007	0.0719	0.00000211	0.0000883	0.000375	0.00132	0.0000768
2076 Mar	0.000185	0.000191	0.000909	0.0735	0.00000569	1.31	2.02	0.0253	0.000205	7.53	0.0011	0.00749	0.0002	0.000128	0.00007	0.0719	0.00000211	0.0000883	0.000375	0.00132	0.0000768
2076 Apr	0.000185	0.000191	0.000909	0.0735	0.0000057	1.31	2.02	0.0253	0.000205	7.53	0.0011	0.0075	0.000201	0.000129	0.00007	0.072	0.00000211	0.0000884	0.000375	0.00132	0.0000769
2076 May	0.000186	0.000192	0.000911	0.0738	0.00000571	1.32	2.03	0.0255	0.000205	7.54	0.0011	0.00751	0.000202	0.000129	0.0000702	0.0722	0.00000211	0.0000884	0.000377	0.00133	0.0000769
2076 Jun	0.000187	0.000193	0.000906	0.0744	0.00000572	1.31	2.03	0.0258	0.000204	7.48	0.0011	0.0075	0.000205	0.000129	0.00007	0.0724	0.0000021	0.0000877	0.00038	0.00132	0.0000756
2076 Jul	0.000187	0.000194	0.000909	0.0747	0.00000574	1.32	2.04	0.0259	0.000205	7.5	0.00111	0.00752	0.000206	0.000129	0.0000702	0.0726	0.0000021	0.0000879	0.000382	0.00133	0.0000758
2076 Aug	0.000188	0.000195	0.000914	0.0751	0.00000577	1.32	2.05	0.026	0.000206	7.54	0.00111	0.00756	0.000207	0.00013	0.0000706	0.073	0.00000212	0.0000884	0.000384	0.00134	0.0000761
2076 Sep	0.000188	0.000195	0.000915	0.0752	0.00000578	1.32	2.05	0.026	0.000206	7.54	0.00111	0.00758	0.000207	0.00013	0.0000707	0.0731	0.00000212	0.0000885	0.000384	0.00134	0.0000762
2076 Oct	0.000188	0.000195	0.000913	0.075	0.00000577	1.32	2.05	0.026	0.000206	7.52	0.00111	0.00756	0.000206	0.00013	0.0000705	0.0729	0.00000211	0.0000883	0.000383	0.00133	0.0000759
2076 Nov	0.000188	0.000195	0.000913	0.075	0.00000577	1.32	2.04	0.0259	0.000206	7.52	0.00111	0.00756	0.000206	0.00013	0.0000704	0.0729	0.00000211	0.0000883	0.000383	0.00133	0.0000759
2076 Dec	0.000188	0.000195	0.000913	0.075	0.00000577	1.32	2.04	0.0259	0.000206	7.52	0.00111	0.00756	0.000206	0.00013	0.0000705	0.0729	0.00000211	0.0000883	0.000383	0.00133	0.0000759
2077 Jan	0.000188	0.000195	0.000913	0.075	0.00000577	1.32	2.04	0.0259	0.000206	7.52	0.00111	0.00756	0.000206	0.00013	0.0000705	0.0729	0.00000211	0.0000883	0.000383	0.00133	0.0000759
2077 Feb	0.000188	0.000195	0.000913	0.075	0.00000577	1.32	2.04	0.0259	0.000206	7.52	0.00111	0.00756	0.000206	0.00013	0.0000705	0.0729	0.00000211	0.0000883	0.000383	0.00133	0.0000759
2077 Mar	0.000188	0.000195	0.000913	0.075	0.00000577	1.32	2.04	0.0259	0.000206	7.52	0.00111	0.00756	0.000206	0.00013	0.0000705	0.0729	0.00000211	0.0000883	0.000383	0.00133	0.0000759
2077 Apr	0.000188	0.000195	0.000914	0.0751	0.00000578	1.32	2.05	0.026	0.000206	7.53	0.00111	0.00757	0.000206	0.00013	0.0000705	0.0729	0.00000211	0.0000883	0.000383	0.00133	0.0000759
2077 May	0.000189	0.000195	0.000915	0.0753	0.00000579	1.32	2.05	0.0261	0.000206	7.53	0.00111	0.00758	0.000207	0.00013	0.0000706	0.0731	0.00000212	0.0000884	0.000384	0.00134	0.0000759
2077 Jun	0.000189	0.000196	0.00091	0.0757	0.00000579	1.32	2.05	0.0263	0.000205	7.47	0.00111	0.00756	0.00021	0.00013	0.0000704	0.0732	0.0000021	0.0000877	0.000387	0.00133	0.0000748
2077 Jul	0.00019	0.000197	0.000915	0.0762	0.00000582	1.33	2.06	0.0265	0.000206	7.51	0.00111	0.0076	0.000211	0.000131	0.0000708	0.0736	0.00000211	0.0000881	0.000389	0.00134	0.0000751
2077 Aug	0.000191	0.000198	0.00092	0.0766	0.00000586	1.33	2.07	0.0266	0.000207	7.55	0.00112	0.00764	0.000212	0.000131	0.0000712	0.074	0.00000212	0.0000886	0.000391	0.00135	0.0000755
2077 Sep	0.00019	0.000198	0.000917	0.0764	0.00000585	1.33	2.06	0.0265	0.000207	7.51	0.00112	0.00762	0.000211	0.000131	0.0000709	0.0737	0.00000212	0.0000882	0.00039	0.00134	0.0000751
2077 Oct	0.00019	0.000198	0.000916	0.0764	0.00000585	1.33	2.06	0.0265	0.000208	7.5	0.00112	0.00762	0.000211	0.00013	0.0000708	0.0737	0.00000212	0.0000882	0.000389	0.00134	0.0000749
2077 Nov	0.00019	0.000198	0.000916	0.0764	0.00000585	1.33	2.06	0.0265	0.000208	7.51	0.00112	0.00763	0.000211	0.00013	0.0000708	0.0737	0.00000212	0.0000882	0.000389	0.00134	0.0000749
2077 Dec	0.00019	0.000198	0.000917	0.0764	0.00000585	1.33	2.06	0.0265	0.000208	7.51	0.00112	0.00763	0.000211	0.00013	0.0000708	0.0737	0.00000212	0.0000882	0.000389	0.00134	0.000075
2078 Jan	0.00019	0.000198	0.000917	0.0764	0.00000585	1.33	2.06	0.0265	0.000208	7.51	0.00112	0.00763	0.000211	0.00013	0.0000708	0.0737	0.00000212	0.0000882	0.000389	0.00134	0.000075
2078 Feb	0.00019	0.000198	0.000917	0.0764	0.00000585	1.33	2.06	0.0265	0.000208	7.51	0.00112	0.00763	0.000211	0.00013	0.0000708	0.0737	0.00000212	0.0000882	0.000389	0.00134	0.000075
2078 Mar	0.00019	0.000198	0.000917	0.0764	0.00000585	1.33	2.06	0.0265	0.000208	7.51	0.00112	0.00763	0.000211	0.00013	0.0000708	0.0737	0.00000212	0.0000882	0.00039	0.00134	0.000075
2078 Apr	0.000191	0.000198	0.000917	0.0764	0.00000585	1.33	2.06	0.0265	0.000208	7.51	0.00112	0.00763	0.000211	0.000131	0.0000709	0.0738	0.00000212	0.0000883	0.00039	0.00134	0.000075
2078 May	0.000192	0.0002	0.000918	0.0771	0.00000587	1.33	2.07	0.0268	0.000208	7.51	0.00112	0.00765	0.000214	0.000131	0.0000711	0.0742	0.00000212	0.0000882	0.000393	0.00134	0.0000746
2078 Jun	0.000192	0.000201	0.000913	0.0775	0.00000587	1.32	2.07	0.0271	0.000206	7.44	0.00112	0.00762	0.000216	0.000131	0.0000709	0.0743	0.0000021	0.0000874	0.000396	0.00134	0.0000734
2078 Jul	0.000193	0.000202	0.000918	0.0779	0.0000059	1.33	2.08	0.0273	0.000207	7.48	0.00112	0.00766	0.000218	0.000131	0.0000713	0.0747	0.00000211	0.0000879	0.000398	0.00135	0.0000738
2078 Aug	0.000193	0.000202	0.000921	0.0782	0.00000592	1.34	2.09	0.0273	0.000208	7.5	0.00112	0.00769	0.000218	0.000132	0.0000715	0.0749	0.00000212	0.0000881	0.000399	0.00135	0.000074
2078 Sep	0.000194	0.000202	0.000922	0.0783	0.00000593	1.34	2.09	0.0274	0.000209	7.51	0.00113	0.0077	0.000218	0.000132	0.0000715	0.075	0.00000212	0.0000882	0.0004	0.00135	0.000074
2078 Oct	0.000194	0.000202	0.000921	0.0782	0.00000593	1.34	2.09	0.0273	0.000209	7.5	0.00113	0.0077	0.000218	0.000132	0.0000714	0.0749	0.00000212	0.0000881	0.000399	0.00135	0.0000739
2078 Nov	0.000194	0.000202	0.000921	0.0782	0.00000593	1.34	2.09	0.0273	0.000209	7.5	0.00113	0.0077	0.000218	0.000132	0.0000714	0.0749	0.00000212	0.0000881	0.000399	0.00135	0.0000739
2078 Dec	0.000194	0.000202	0.000922	0.0782	0.00000593	1.34	2.09	0.0273	0.000209	7.5	0.00113	0.0077	0.000218	0.000132	0.0000715	0.0749	0.00000212	0.0000881	0.000399	0.00135	0.0000739
2079 Jan	0.000194	0.000202	0.000922	0.0782	0.00000593	1.34	2.09	0.0273	0.000209	7.5	0.00113	0.0077	0.000218	0.000132	0.0000715	0.0749	0.00000212	0.0000881	0.000399	0.00135	0.0000739
2079 Feb	0.000194	0.000202	0.000922	0.0782	0.00000593	1.34	2.09	0.0273	0.000209	7.5	0.00113	0.0077	0.000218	0.000132	0.0000715	0.0749	0.00000212	0.0000881	0.000399	0.00135	0.0000739
2079 Mar	0.000194	0.000202	0.000922	0.0783	0.00000593	1.34	2.09	0.0273	0.000209	7.5	0.00113	0.0077	0.000218	0.000132	0.0000715	0.0749	0.00000212	0.0000882	0.000399	0.00135	0.0000739
2079 Apr	0.000194	0.000202	0.000922	0.0783	0.00000594	1.34	2.09	0.0273	0.000209	7.51	0.00113	0.0077	0.000218	0.000132	0.0000715	0.075	0.00000212	0.0000882	0.000399	0.00135	0.0000739
2079 May	0.000194	0.000203	0.000924	0.0785	0.00000595	1.34	2.1	0.0274	0.000209	7.52	0.00113	0.00772	0.000219	0.000132	0.0000716	0.0751	0.00000213	0.0000883	0.0004	0.00135	0.0000741
2079 Jun	0.000194	0.000203	0.000917	0.0785	0.00000595	1.33	2.09	0.0275	0.000207	7.44	0.00112	0.00769	0.000219	0.000132	0.0000712	0.0749	0.00000211	0.0000875	0.000401	0.00135	0.0000728

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2079 Jul	0.000194	0.000203	0.000918	0.0787	0.00000597	1.33	2.09	0.0275	0.000208	7.44	0.00112	0.0077	0.00022	0.000132	0.0000713	0.075	0.00000211	0.0000875	0.000402	0.00135	0.0000727
2079 Aug	0.000195	0.000204	0.000922	0.0791	0.000006	1.34	2.1	0.0276	0.000209	7.47	0.00113	0.00774	0.000221	0.000133	0.0000716	0.0753	0.00000212	0.0000879	0.000404	0.00136	0.000073
2079 Sep	0.000195	0.000203	0.000921	0.0791	0.000006	1.34	2.1	0.0276	0.000209	7.46	0.00113	0.00774	0.00022	0.000133	0.0000715	0.0752	0.00000212	0.0000878	0.000403	0.00136	0.0000729
2079 Oct	0.000195	0.000203	0.000921	0.079	0.000006	1.34	2.09	0.0275	0.000209	7.45	0.00113	0.00773	0.00022	0.000132	0.0000714	0.0752	0.00000212	0.0000877	0.000403	0.00136	0.0000727
2079 Nov	0.000195	0.000203	0.00092	0.079	0.000006	1.33	2.09	0.0275	0.000209	7.44	0.00113	0.00773	0.00022	0.000132	0.0000713	0.0752	0.00000212	0.0000877	0.000403	0.00136	0.0000726
2079 Dec	0.000195	0.000203	0.00092	0.079	0.000006	1.33	2.09	0.0275	0.000209	7.44	0.00113	0.00773	0.00022	0.000132	0.0000713	0.0751	0.00000212	0.0000877	0.000403	0.00136	0.0000726
2080 Jan	0.000195	0.000203	0.00092	0.079	0.000006	1.33	2.09	0.0275	0.000209	7.44	0.00113	0.00773	0.00022	0.000132	0.0000713	0.0751	0.00000212	0.0000877	0.000403	0.00136	0.0000726
2080 Feb	0.000195	0.000203	0.00092	0.079	0.000006	1.33	2.09	0.0275	0.000209	7.44	0.00113	0.00773	0.00022	0.000132	0.0000713	0.0751	0.00000212	0.0000877	0.000403	0.00136	0.0000726
2080 Mar	0.000195	0.000203	0.00092	0.079	0.000006	1.33	2.09	0.0275	0.000209	7.44	0.00113	0.00773	0.00022	0.000132	0.0000713	0.0751	0.00000212	0.0000877	0.000403	0.00136	0.0000726
2080 Apr	0.000195	0.000203	0.00092	0.079	0.000006	1.33	2.09	0.0275	0.000209	7.44	0.00113	0.00774	0.00022	0.000132	0.0000713	0.0752	0.00000212	0.0000877	0.000403	0.00136	0.0000726
2080 May	0.000195	0.000203	0.000922	0.0792	0.00000601	1.34	2.1	0.0276	0.00021	7.46	0.00113	0.00775	0.00022	0.000133	0.0000715	0.0753	0.00000212	0.0000879	0.000404	0.00136	0.0000727
2080 Jun	0.000195	0.000203	0.000918	0.0791	0.00000602	1.33	2.09	0.0275	0.000209	7.41	0.00113	0.00774	0.000219	0.000133	0.0000712	0.0751	0.00000211	0.0000874	0.000404	0.00136	0.0000721
2080 Jul	0.000195	0.000203	0.000918	0.0793	0.00000604	1.33	2.09	0.0275	0.000209	7.4	0.00113	0.00775	0.000219	0.000133	0.0000712	0.0751	0.00000212	0.0000874	0.000404	0.00136	0.0000719
2080 Aug	0.000195	0.000203	0.000921	0.0795	0.00000606	1.34	2.09	0.0276	0.000209	7.42	0.00113	0.00778	0.00022	0.000133	0.0000713	0.0753	0.00000212	0.0000876	0.000405	0.00137	0.000072
2080 Sep	0.000195	0.000203	0.00092	0.0795	0.00000607	1.33	2.09	0.0275	0.00021	7.41	0.00113	0.00778	0.00022	0.000133	0.0000713	0.0752	0.00000212	0.0000875	0.000405	0.00137	0.0000719
2080 Oct	0.000195	0.000203	0.00092	0.0795	0.00000607	1.33	2.09	0.0275	0.00021	7.4	0.00113	0.00778	0.000219	0.000133	0.0000712	0.0752	0.00000212	0.0000874	0.000404	0.00136	0.0000717
2080 Nov	0.000195	0.000203	0.000919	0.0794	0.00000607	1.33	2.09	0.0275	0.00021	7.39	0.00113	0.00777	0.000219	0.000133	0.0000711	0.0752	0.00000212	0.0000874	0.000404	0.00136	0.0000716
2080 Dec	0.000195	0.000203	0.000919	0.0794	0.00000607	1.33	2.09	0.0275	0.00021	7.39	0.00113	0.00777	0.000219	0.000133	0.0000711	0.0752	0.00000212	0.0000874	0.000404	0.00136	0.0000716
2081 Jan	0.000195	0.000203	0.000919	0.0794	0.00000607	1.33	2.09	0.0275	0.00021	7.39	0.00113	0.00777	0.000219	0.000133	0.0000711	0.0752	0.00000212	0.0000874	0.000404	0.00136	0.0000716
2081 Feb	0.000195	0.000203	0.000919	0.0794	0.00000607	1.33	2.09	0.0275	0.00021	7.39	0.00113	0.00777	0.000219	0.000133	0.0000711	0.0752	0.00000212	0.0000874	0.000404	0.00136	0.0000716
2081 Mar	0.000195	0.000203	0.000919	0.0794	0.00000607	1.33	2.09	0.0275	0.00021	7.39	0.00113	0.00777	0.000219	0.000133	0.0000711	0.0752	0.00000212	0.0000874	0.000404	0.00136	0.0000716
2081 Apr	0.000195	0.000203	0.00092	0.0795	0.00000607	1.33	2.09	0.0275	0.00021	7.4	0.00113	0.00778	0.000219	0.000133	0.0000712	0.0752	0.00000212	0.0000874	0.000404	0.00136	0.0000716
2081 May	0.000196	0.000204	0.000921	0.08	0.00000609	1.34	2.1	0.0277	0.00021	7.4	0.00113	0.00779	0.000221	0.000133	0.0000714	0.0755	0.00000212	0.0000874	0.000407	0.00137	0.0000714
2081 Jun	0.000196	0.000205	0.000919	0.0803	0.00000609	1.33	2.1	0.0279	0.000209	7.36	0.00113	0.00778	0.000223	0.000133	0.0000713	0.0756	0.00000211	0.000087	0.000409	0.00136	0.0000707
2081 Jul	0.000198	0.000206	0.000925	0.0808	0.00000613	1.34	2.11	0.0281	0.000211	7.41	0.00114	0.00784	0.000225	0.000134	0.0000717	0.0761	0.00000213	0.0000876	0.000412	0.00137	0.0000712
2081 Aug	0.000199	0.000208	0.00093	0.0813	0.00000617	1.35	2.13	0.0283	0.000212	7.46	0.00114	0.00789	0.000226	0.000135	0.0000722	0.0766	0.00000214	0.0000881	0.000414	0.00138	0.0000716
2081 Sep	0.000199	0.000208	0.000931	0.0814	0.00000618	1.35	2.13	0.0283	0.000212	7.46	0.00114	0.00789	0.000226	0.000135	0.0000722	0.0766	0.00000214	0.0000881	0.000414	0.00138	0.0000716
2081 Oct	0.000199	0.000208	0.00093	0.0814	0.00000618	1.35	2.13	0.0283	0.000213	7.45	0.00114	0.00789	0.000226	0.000135	0.0000722	0.0766	0.00000214	0.0000881	0.000414	0.00138	0.0000715
2081 Nov	0.000199	0.000207	0.00093	0.0813	0.00000617	1.35	2.12	0.0282	0.000213	7.44	0.00114	0.00788	0.000225	0.000135	0.0000721	0.0765	0.00000214	0.000088	0.000413	0.00138	0.0000714
2081 Dec	0.000199	0.000207	0.00093	0.0813	0.00000617	1.35	2.12	0.0282	0.000213	7.44	0.00114	0.00788	0.000225	0.000135	0.0000721	0.0765	0.00000214	0.000088	0.000413	0.00138	0.0000714
2082 Jan	0.000199	0.000207	0.00093	0.0813	0.00000617	1.35	2.12	0.0282	0.000213	7.44	0.00114	0.00788	0.000225	0.000135	0.0000721	0.0765	0.00000214	0.000088	0.000413	0.00138	0.0000714
2082 Feb	0.000199	0.000207	0.00093	0.0813	0.00000617	1.35	2.12	0.0282	0.000213	7.44	0.00114	0.00788	0.000225	0.000135	0.0000721	0.0765	0.00000214	0.000088	0.000413	0.00138	0.0000714
2082 Mar	0.000199	0.000207	0.00093	0.0813	0.00000617	1.35	2.12	0.0282	0.000213	7.44	0.00114	0.00789	0.000225	0.000135	0.0000721	0.0765	0.00000214	0.000088	0.000413	0.00138	0.0000714
2082 Apr	0.000199	0.000207	0.00093	0.0813	0.00000618	1.35	2.12	0.0283	0.000213	7.45	0.00114	0.00789	0.000226	0.000135	0.0000721	0.0766	0.00000214	0.0000881	0.000414	0.00138	0.0000714
2082 May	0.000199	0.000208	0.000932	0.0815	0.00000619	1.35	2.13	0.0283	0.000213	7.46	0.00114	0.0079	0.000226	0.000135	0.0000722	0.0767	0.00000214	0.0000882	0.000414	0.00138	0.0000716
2082 Jun	0.000198	0.000206	0.000924	0.0811	0.00000618	1.34	2.11	0.0281	0.000211	7.38	0.00114	0.00787	0.000224	0.000135	0.0000716	0.0761	0.00000213	0.0000874	0.000413	0.00138	0.0000705
2082 Jul	0.000198	0.000206	0.000922	0.0811	0.0000062	1.34	2.11	0.028	0.000211	7.35	0.00114	0.00787	0.000224	0.000135	0.0000714	0.076	0.00000212	0.0000871	0.000413	0.00138	0.00007
2082 Aug	0.000199	0.000206	0.000926	0.0815	0.00000623	1.34	2.11	0.0282	0.000212	7.38	0.00114	0.0079	0.000225	0.000136	0.0000717	0.0763	0.00000213	0.0000875	0.000415	0.00139	0.0000703
2082 Sep	0.000199	0.000207	0.000927	0.0816	0.00000624	1.34	2.12	0.0282	0.000212	7.39	0.00114	0.00792	0.000225	0.000136	0.0000718	0.0764	0.00000214	0.0000876	0.000415	0.00139	0.0000703
2082 Oct	0.000199	0.000206	0.000924	0.0814	0.00000622	1.34	2.11	0.0281	0.000212	7.36	0.00114	0.00789	0.000224	0.000135	0.0000715	0.0761	0.00000213	0.0000873	0.000414	0.00139	0.00007
2082 Nov	0.000199	0.000206	0.000924	0.0814	0.00000623	1.34	2.11	0.0281	0.000212	7.36	0.00114	0.0079	0.000224	0.000135	0.0000716	0.0762	0.00000213	0.0000873	0.000414	0.00139	0.00007
2082 Dec	0.000199	0.000206	0.000924	0.0814	0.00000623	1.34	2.11	0.0281	0.000212	7.36	0.00114	0.0079	0.000224	0.000135	0.0000716	0.0762	0.00000213	0.0000873	0.000414	0.00139	0.00007
2083 Jan	0.000199	0.000206	0.000924	0.0814	0.00000623	1.34	2.11	0.0281	0.000212	7.36	0.00114	0.0079	0.000224	0.000135	0.0000716	0.0762	0.00000213	0.0000873	0.000414	0.00139	0.00007
2083 Feb	0.000199	0.000206	0.000924	0.0814	0.00000623	1.34	2.11	0.0281	0.000212	7.36	0.00114	0.0079	0.000224	0.000135	0.0000716	0.0762	0.00000213	0.0000873	0.000414	0.00139	0.00007
2083 Mar	0.000199	0.000206	0.000924	0.0814	0.00000623	1.34	2.11	0.0281	0.000212	7.36	0.00114	0.0079	0.000224	0.000135	0.0000716	0.0762	0.00000213	0.0000873	0.000414	0.00139	0.00007
2083 Apr	0.000199	0.000206	0.000925	0.0815	0.00000623	1.34	2.11	0.0281	0.000212	7.36	0.00114	0.0079	0.000224	0.000135	0.0000716	0.0762	0.00000213	0.0000874	0.000414	0.00139	0.0000701
2083 May	0.0002	0.000207	0.000927	0.0819	0.00000625	1.34	2.12	0.0283	0.000212	7.37	0.00114	0.00792	0.000226	0.000136	0.0000718	0.0765	0.00000213	0.0000874	0.000416	0.00139	0.00007
2083 Jun	0.0002	0.000208	0.000922	0.0823	0.00000624	1.34	2.12	0.0286	0.000211	7.31	0.00114	0.0079	0.000228	0.000135	0.0000716	0.0766	0.00000212	0.0000867	0.000419	0.00138	0.0000688
2083 Jul	0.000201	0.000209	0.000924	0.0826	0.00000627	1.34	2.12	0.0287	0.000211	7.32	0.00114	0.00792	0.000229	0.000136	0.0000718	0.0768	0.00000212	0.0000869	0.000421	0.00139	0.0000689
2083 Aug	0.000201	0.000209	0.000927	0.0828	0.00000629	1.35	2.13	0.0287	0.000212	7.34	0.00114	0.00794	0.000229	0.000136	0.0000719	0.077	0.00000213	0.0000871	0.000421	0.00139	0.000069
2083 Sep	0.000201	0.000209	0.000926	0.0828	0.00000629	1.34	2.13	0.0287	0.000212	7.33	0.00114	0.00794	0.000229	0.000136	0.0000718	0.0769	0.00000213	0.000087	0.000421	0.00139	0.0000688
2083 Oct	0.0002	0.000208	0.000923	0.0826	0.00000628	1.34	2.12	0.0286	0.000212	7.29	0.00114	0.00793	0.000228	0.000135	0.0000716	0.0767	0.00000212	0.0000867	0.000419	0.00139	0.0000684
2083 Nov	0.0002	0.000208	0.000922	0.0825	0.00000628	1.34	2.12	0.0285	0.000212	7.29	0.00114	0.00792	0.000228	0.000135	0.0000715	0.0767	0.00000212	0.0000866	0.000419	0.00139	0.0000683
2083 Dec	0.0002	0.000208	0.000922	0.0825	0.00000628	1.34	2.12	0.0285	0.000212	7.29	0.00114	0.00792	0.000228	0.000135	0.0000715	0.0767	0.00000212	0.0000866	0.000419	0.00139	0.0000683
2084 Jan	0.0002	0.000208	0.000922	0.0825	0.00000628	1.34	2.12	0.0285	0.000212	7.29	0.00114	0.00792	0.000228	0.000135	0.0000715	0.0767	0.00000212	0.0000866	0.000419	0.00139	0.0000683
2084 Feb	0.0002	0.000208	0.000922	0.0825	0.00000628	1.34	2.12	0.0285	0.000212	7.29	0.00114	0.00792	0.000228	0.000135	0.0000715	0.0767	0.00000212	0.0000866	0.000419	0.00139	0.0000683
2084 Mar	0.0002	0.000208	0.000923	0.0826	0.00000628	1.34	2.12	0.0285	0.000212	7.29	0.00114	0.00793	0.000228	0.000135	0.0000715	0.0767	0.00000212	0.0000866	0.000419	0.00139	0.0000683
2084 Apr	0.0002	0.000208	0.000923	0.0826	0.00000629	1.34	2.12	0.0286	0.000213	7.29	0.00114	0.00793	0.000228	0.000135	0.0000716	0.0767	0.00000212	0.0000867	0.000419	0.00139	0.0000684
2084 May	0.000201	0.00021	0.000925	0.0831	0.00000631	1.34	2.13	0.0288	0.000213	7.3	0.00114	0.00795	0.00023	0.000136	0.0000718	0.0771	0.00000212	0.0000867	0.000422	0.00139	0.0000682
2084 Jun	0.000201	0.00021	0.00092	0.0834	0.00000629	1.34	2.13	0.029	0.000211	7.24	0.00114	0.00792	0.000232	0.000135	0.0000715	0.0771	0.00000211	0.000086	0.000424	0.00138	0.0000672
2084 Jul	0.000202	0.000211	0.000923	0.0837	0.00000632	1.34	2.13	0.0291	0.000212	7.26	0.00114	0.00795	0.000233	0.000136	0.0000718	0.0774	0.00000212	0.0000863	0.000426	0.00139	0.0000674

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2084 Aug	0.000203	0.000212	0.000927	0.0841	0.00000635	1.35	2.14	0.0292	0.000213	7.29	0.00115	0.00798	0.000234	0.000136	0.0000721	0.0777	0.00000212	0.0000866	0.000427	0.0014	0.0000676
2084 Sep	0.000203	0.000212	0.000927	0.084	0.00000635	1.35	2.14	0.0292	0.000213	7.29	0.00115	0.00798	0.000234	0.000136	0.000072	0.0776	0.00000212	0.0000866	0.000427	0.00139	0.0000675
2084 Oct	0.000202	0.000211	0.000925	0.0839	0.00000634	1.34	2.14	0.0291	0.000213	7.27	0.00114	0.00797	0.000233	0.000136	0.0000718	0.0775	0.00000212	0.0000864	0.000426	0.00139	0.0000673
2084 Nov	0.000202	0.000211	0.000924	0.0839	0.00000634	1.34	2.14	0.0291	0.000213	7.26	0.00114	0.00797	0.000233	0.000136	0.0000718	0.0774	0.00000212	0.0000864	0.000425	0.00139	0.0000672
2084 Dec	0.000202	0.000211	0.000924	0.0839	0.00000634	1.34	2.14	0.0291	0.000213	7.26	0.00114	0.00797	0.000233	0.000136	0.0000718	0.0774	0.00000212	0.0000864	0.000425	0.00139	0.0000672
2085 Jan	0.000202	0.000211	0.000924	0.0839	0.00000634	1.34	2.14	0.0291	0.000213	7.26	0.00114	0.00797	0.000233	0.000136	0.0000718	0.0775	0.00000212	0.0000864	0.000425	0.00139	0.0000672
2085 Feb	0.000202	0.000211	0.000925	0.0839	0.00000634	1.34	2.14	0.0291	0.000213	7.26	0.00114	0.00797	0.000233	0.000136	0.0000718	0.0775	0.00000212	0.0000864	0.000425	0.00139	0.0000672
2085 Mar	0.000202	0.000211	0.000925	0.0839	0.00000634	1.34	2.14	0.0291	0.000213	7.26	0.00114	0.00797	0.000233	0.000136	0.0000718	0.0775	0.00000212	0.0000864	0.000425	0.00139	0.0000672
2085 Apr	0.000202	0.000211	0.000925	0.0839	0.00000635	1.34	2.14	0.0291	0.000213	7.26	0.00114	0.00798	0.000233	0.000136	0.0000718	0.0775	0.00000212	0.0000864	0.000426	0.00139	0.0000672
2085 May	0.000203	0.000212	0.000926	0.0843	0.00000636	1.35	2.14	0.0293	0.000214	7.27	0.00115	0.00799	0.000235	0.000136	0.000072	0.0778	0.00000212	0.0000864	0.000428	0.00139	0.0000671
2085 Jun	0.000204	0.000214	0.000925	0.0847	0.00000637	1.35	2.15	0.0296	0.000213	7.25	0.00115	0.00799	0.000237	0.000136	0.000072	0.078	0.00000211	0.0000862	0.00043	0.00139	0.0000666
2085 Jul	0.000205	0.000215	0.00093	0.0852	0.0000064	1.35	2.16	0.0297	0.000214	7.29	0.00115	0.00803	0.000238	0.000137	0.0000724	0.0784	0.00000213	0.0000866	0.000433	0.0014	0.0000669
2085 Aug	0.000205	0.000215	0.000931	0.0852	0.00000641	1.35	2.16	0.0297	0.000215	7.28	0.00115	0.00804	0.000238	0.000137	0.0000724	0.0784	0.00000213	0.0000866	0.000432	0.0014	0.0000669
2085 Sep	0.000204	0.000214	0.000929	0.0851	0.00000641	1.35	2.15	0.0296	0.000215	7.27	0.00115	0.00803	0.000237	0.000136	0.0000723	0.0783	0.00000212	0.0000865	0.000431	0.0014	0.0000666
2085 Oct	0.000204	0.000214	0.000927	0.085	0.0000064	1.35	2.15	0.0296	0.000215	7.25	0.00115	0.00802	0.000237	0.000136	0.0000721	0.0781	0.00000212	0.0000863	0.00043	0.0014	0.0000664
2085 Nov	0.000204	0.000214	0.000926	0.0849	0.0000064	1.35	2.15	0.0295	0.000215	7.24	0.00115	0.00801	0.000236	0.000136	0.000072	0.0781	0.00000212	0.0000862	0.00043	0.00139	0.0000662
2085 Dec	0.000204	0.000214	0.000926	0.0849	0.0000064	1.35	2.15	0.0295	0.000215	7.24	0.00115	0.00801	0.000236	0.000136	0.000072	0.0781	0.00000212	0.0000862	0.00043	0.00139	0.0000662
2086 Jan	0.000204	0.000214	0.000926	0.0849	0.0000064	1.35	2.15	0.0295	0.000215	7.24	0.00115	0.00801	0.000236	0.000136	0.000072	0.0781	0.00000212	0.0000862	0.00043	0.00139	0.0000662
2086 Feb	0.000204	0.000214	0.000926	0.0849	0.0000064	1.35	2.15	0.0295	0.000215	7.24	0.00115	0.00801	0.000236	0.000136	0.000072	0.0781	0.00000212	0.0000862	0.00043	0.00139	0.0000662
2086 Mar	0.000204	0.000214	0.000926	0.0849	0.0000064	1.35	2.15	0.0295	0.000215	7.24	0.00115	0.00801	0.000236	0.000136	0.000072	0.0781	0.00000212	0.0000862	0.00043	0.00139	0.0000662
2086 Apr	0.000204	0.000214	0.000927	0.085	0.0000064	1.35	2.15	0.0296	0.000215	7.24	0.00115	0.00802	0.000237	0.000136	0.000072	0.0781	0.00000212	0.0000862	0.00043	0.00139	0.0000663
2086 May	0.000205	0.000214	0.000929	0.0852	0.00000642	1.35	2.16	0.0297	0.000215	7.25	0.00115	0.00804	0.000238	0.000136	0.0000722	0.0783	0.00000212	0.0000864	0.000432	0.0014	0.0000663
2086 Jun	0.000205	0.000215	0.000924	0.0855	0.00000641	1.34	2.15	0.0299	0.000214	7.19	0.00115	0.00801	0.000239	0.000136	0.000072	0.0783	0.00000211	0.0000857	0.000434	0.00139	0.0000653
2086 Jul	0.000205	0.000216	0.000927	0.0859	0.00000645	1.35	2.16	0.03	0.000215	7.21	0.00115	0.00805	0.00024	0.000137	0.0000722	0.0786	0.00000212	0.000086	0.000436	0.0014	0.0000654
2086 Aug	0.000206	0.000216	0.00093	0.0862	0.00000647	1.35	2.17	0.0301	0.000215	7.23	0.00115	0.00808	0.000241	0.000137	0.0000724	0.0789	0.00000212	0.0000862	0.000437	0.0014	0.0000656
2086 Sep	0.000206	0.000216	0.00093	0.0862	0.00000647	1.35	2.16	0.03	0.000216	7.23	0.00115	0.00807	0.000241	0.000137	0.0000724	0.0788	0.00000212	0.0000862	0.000436	0.0014	0.0000654
2086 Oct	0.000206	0.000216	0.00093	0.0862	0.00000648	1.35	2.16	0.03	0.000216	7.22	0.00115	0.00808	0.00024	0.000137	0.0000724	0.0788	0.00000212	0.0000861	0.000436	0.0014	0.0000654
2086 Nov	0.000206	0.000216	0.00093	0.0862	0.00000648	1.35	2.16	0.03	0.000216	7.23	0.00115	0.00808	0.00024	0.000137	0.0000724	0.0788	0.00000212	0.0000862	0.000436	0.0014	0.0000654
2086 Dec	0.000206	0.000216	0.00093	0.0862	0.00000648	1.35	2.17	0.03	0.000216	7.23	0.00115	0.00808	0.00024	0.000137	0.0000724	0.0788	0.00000212	0.0000862	0.000436	0.0014	0.0000654
2087 Jan	0.000206	0.000216	0.00093	0.0862	0.00000648	1.35	2.17	0.03	0.000216	7.23	0.00115	0.00808	0.00024	0.000137	0.0000724	0.0788	0.00000212	0.0000862	0.000436	0.0014	0.0000654
2087 Feb	0.000206	0.000216	0.00093	0.0862	0.00000648	1.35	2.17	0.03	0.000216	7.23	0.00115	0.00808	0.00024	0.000137	0.0000724	0.0788	0.00000212	0.0000862	0.000436	0.0014	0.0000654
2087 Mar	0.000206	0.000216	0.00093	0.0862	0.00000648	1.35	2.17	0.03	0.000216	7.23	0.00115	0.00808	0.000241	0.000137	0.0000724	0.0788	0.00000212	0.0000862	0.000436	0.0014	0.0000654
2087 Apr	0.000206	0.000216	0.00093	0.0862	0.00000648	1.35	2.17	0.03	0.000216	7.23	0.00115	0.00808	0.000241	0.000137	0.0000724	0.0789	0.00000212	0.0000862	0.000436	0.0014	0.0000655
2087 May	0.000207	0.000217	0.000931	0.0865	0.00000649	1.35	2.17	0.0301	0.000216	7.23	0.00116	0.00809	0.000242	0.000137	0.0000725	0.079	0.00000212	0.0000862	0.000438	0.00141	0.0000654
2087 Jun	0.000207	0.000218	0.000929	0.0869	0.00000649	1.35	2.17	0.0304	0.000215	7.2	0.00115	0.00808	0.000244	0.000137	0.0000725	0.0792	0.00000212	0.0000858	0.00044	0.0014	0.0000647
2087 Jul	0.000208	0.000219	0.000933	0.0872	0.00000652	1.36	2.18	0.0305	0.000216	7.23	0.00116	0.00811	0.000245	0.000138	0.0000727	0.0795	0.00000212	0.0000861	0.000442	0.00141	0.0000649
2087 Aug	0.000209	0.00022	0.000937	0.0876	0.00000655	1.36	2.19	0.0306	0.000217	7.26	0.00116	0.00815	0.000246	0.000138	0.0000731	0.0798	0.00000213	0.0000865	0.000444	0.00142	0.0000652
2087 Sep	0.000209	0.00022	0.000939	0.0878	0.00000657	1.37	2.19	0.0307	0.000218	7.27	0.00117	0.00817	0.000246	0.000139	0.0000732	0.08	0.00000214	0.0000867	0.000444	0.00142	0.0000653
2087 Oct	0.000209	0.00022	0.000938	0.0877	0.00000657	1.37	2.19	0.0306	0.000218	7.26	0.00117	0.00817	0.000246	0.000138	0.0000731	0.0799	0.00000214	0.0000866	0.000444	0.00142	0.0000652
2087 Nov	0.000209	0.00022	0.000938	0.0877	0.00000657	1.36	2.19	0.0306	0.000218	7.26	0.00116	0.00817	0.000246	0.000138	0.0000731	0.0799	0.00000214	0.0000866	0.000444	0.00142	0.0000652
2087 Dec	0.000209	0.00022	0.000938	0.0877	0.00000657	1.36	2.19	0.0306	0.000218	7.26	0.00116	0.00817	0.000246	0.000138	0.0000731	0.0799	0.00000214	0.0000866	0.000444	0.00142	0.0000652
2088 Jan	0.000209	0.00022	0.000938	0.0877	0.00000657	1.36	2.19	0.0306	0.000218	7.26	0.00116	0.00817	0.000246	0.000138	0.0000731	0.0799	0.00000214	0.0000866	0.000444	0.00142	0.0000652
2088 Feb	0.000209	0.00022	0.000938	0.0877	0.00000657	1.36	2.19	0.0306	0.000218	7.26	0.00116	0.00817	0.000246	0.000138	0.0000731	0.0799	0.00000214	0.0000866	0.000444	0.00142	0.0000652
2088 Mar	0.000209	0.00022	0.000938	0.0877	0.00000657	1.36	2.19	0.0306	0.000218	7.26	0.00117	0.00817	0.000246	0.000138	0.0000731	0.0799	0.00000214	0.0000866	0.000444	0.00142	0.0000652
2088 Apr	0.000209	0.00022	0.000939	0.0878	0.00000657	1.37	2.19	0.0307	0.000218	7.27	0.00117	0.00818	0.000246	0.000139	0.0000732	0.08	0.00000214	0.0000867	0.000444	0.00142	0.0000652
2088 May	0.00021	0.000221	0.000941	0.088	0.00000659	1.37	2.2	0.0307	0.000219	7.29	0.00117	0.0082	0.000247	0.000139	0.0000734	0.0802	0.00000214	0.0000869	0.000445	0.00142	0.0000654
2088 Jun	0.000209	0.00022	0.000938	0.088	0.0000066	1.37	2.19	0.0307	0.000218	7.25	0.00117	0.00819	0.000246	0.000139	0.0000731	0.08	0.00000214	0.0000865	0.000446	0.00142	0.0000648
2088 Jul	0.00021	0.000221	0.000942	0.0884	0.00000663	1.37	2.2	0.0308	0.000219	7.27	0.00117	0.00823	0.000247	0.00014	0.0000734	0.0804	0.00000215	0.0000869	0.000448	0.00143	0.000065
2088 Aug	0.000212	0.000223	0.000949	0.0891	0.00000668	1.38	2.22	0.031	0.00022	7.32	0.00118	0.00829	0.000249	0.000141	0.0000739	0.0809	0.00000216	0.0000875	0.000451	0.00144	0.0000654
2088 Sep	0.000212	0.000223	0.00095	0.0892	0.00000669	1.38	2.22	0.0311	0.000221	7.34	0.00118	0.0083	0.000249	0.000141	0.000074	0.0811	0.00000217	0.0000876	0.000452	0.00144	0.0000655
2088 Oct	0.000212	0.000222	0.000947	0.0889	0.00000668	1.38	2.21	0.0309	0.00022	7.31	0.00118	0.00828	0.000248	0.00014	0.0000737	0.0808	0.00000216	0.0000873	0.00045	0.00144	0.0000652
2088 Nov	0.000211	0.000222	0.000947	0.0889	0.00000667	1.38	2.21	0.0309	0.000221	7.3	0.00118	0.00827	0.000248	0.00014	0.0000737	0.0807	0.00000216	0.0000873	0.000449	0.00144	0.0000651
2088 Dec	0.000211	0.000222	0.000947	0.0889	0.00000667	1.38	2.21	0.0309	0.000221	7.3	0.00118	0.00827	0.000248	0.00014	0.0000737	0.0807	0.00000216	0.0000873	0.000449	0.00144	0.0000651
2089 Jan	0.000211	0.000222	0.000947	0.0889	0.00000667	1.38	2.21	0.0309	0.000221	7.3	0.00118	0.00827	0.000248	0.00014	0.0000737	0.0807	0.00000216	0.0000873	0.000449	0.00144	0.0000651
2089 Feb	0.000211	0.000222	0.000947	0.0889	0.00000668	1.38	2.21	0.0309	0.000221	7.3	0.00118	0.00827	0.000248	0.00014	0.0000737	0.0807	0.00000216	0.0000873	0.000449	0.00144	0.0000651
2089 Mar	0.000211	0.000222	0.000947	0.0889	0.00000668	1.38	2.21	0.0309	0.000221	7.3	0.00118	0.00828	0.000248	0.00014	0.0000737	0.0807	0.00000216	0.0000873	0.000449	0.00144	0.0000652
2089 Apr	0.000212	0.000222	0.000947	0.0889	0.00000668	1.38	2.21	0.0309	0.000221	7.31	0.00118	0.00828	0.000248	0.00014	0.0000738	0.0808	0.00000216	0.0000874	0.00045	0.00144	0.0000652
2089 May	0.000212	0.000223	0.000949	0.0893	0.00000669	1.38	2.22	0.0311	0.000221	7.31	0.00118	0.0083	0.00025	0.000141	0.0000739	0.0811	0.00000216	0.0000874	0.000452	0.00144	0.0000651
2089 Jun	0.000213	0.000224	0.000949	0.0898	0.00000671	1.38	2.23	0.0314	0.000221	7.3	0.00118	0.0083	0.000252	0.000141	0.000074	0.0814	0.00000216	0.0000872	0.000455	0.00144	0.0000646
2089 Jul	0.000214	0.000225	0.000953	0.0902	0.00000674	1.39	2.24	0.0315	0.000221	7.33	0.00119	0.00834	0.000253	0.000141	0.0000743	0.0817	0.00000217	0.0000875	0.000457	0.00145	0.0000648
2089 Aug	0.000215	0.000226	0.000957	0.0906	0.00000677	1.39	2.24	0.0317	0.000222	7.35	0.00119	0.00838	0.000254	0.000142	0.0000746	0.082	0.00000218	0.0000879	0.000458	0.00145	0.0000651

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2089 Sep	0.000215	0.000226	0.000957	0.0907	0.00000678	1.39	2.25	0.0317	0.000223	7.36	0.00119	0.00838	0.000254	0.000142	0.0000747	0.0821	0.00000218	0.000088	0.000459	0.00145	0.0000651
2089 Oct	0.000214	0.000225	0.000954	0.0904	0.00000676	1.39	2.24	0.0315	0.000223	7.32	0.00119	0.00836	0.000253	0.000141	0.0000743	0.0818	0.00000217	0.0000876	0.000456	0.00145	0.0000646
2089 Nov	0.000214	0.000225	0.000954	0.0904	0.00000676	1.39	2.24	0.0315	0.000223	7.32	0.00119	0.00836	0.000253	0.000141	0.0000743	0.0818	0.00000217	0.0000876	0.000456	0.00145	0.0000646
2089 Dec	0.000214	0.000225	0.000954	0.0904	0.00000676	1.39	2.24	0.0315	0.000223	7.32	0.00119	0.00836	0.000253	0.000141	0.0000743	0.0818	0.00000217	0.0000876	0.000456	0.00145	0.0000646
2090 Jan	0.000214	0.000225	0.000954	0.0904	0.00000676	1.39	2.24	0.0315	0.000223	7.32	0.00119	0.00836	0.000253	0.000141	0.0000743	0.0818	0.00000217	0.0000876	0.000456	0.00145	0.0000646
2090 Feb	0.000214	0.000225	0.000954	0.0904	0.00000676	1.39	2.24	0.0315	0.000223	7.32	0.00119	0.00836	0.000253	0.000141	0.0000743	0.0818	0.00000217	0.0000876	0.000456	0.00145	0.0000646
2090 Mar	0.000214	0.000225	0.000954	0.0904	0.00000676	1.39	2.24	0.0315	0.000223	7.32	0.00119	0.00836	0.000253	0.000141	0.0000743	0.0818	0.00000217	0.0000876	0.000457	0.00145	0.0000646
2090 Apr	0.000214	0.000225	0.000954	0.0905	0.00000677	1.39	2.24	0.0315	0.000223	7.32	0.00119	0.00837	0.000253	0.000141	0.0000743	0.0818	0.00000217	0.0000876	0.000457	0.00145	0.0000646
2090 May	0.000215	0.000226	0.000956	0.0906	0.00000678	1.39	2.24	0.0316	0.000223	7.33	0.00119	0.00838	0.000254	0.000142	0.0000745	0.082	0.00000217	0.0000877	0.000458	0.00145	0.0000647
2090 Jun	0.000215	0.000227	0.000951	0.0909	0.00000677	1.38	2.24	0.0318	0.000222	7.27	0.00119	0.00835	0.000256	0.000141	0.0000742	0.082	0.00000216	0.000087	0.00046	0.00144	0.0000636
2090 Jul	0.000216	0.000227	0.000954	0.0913	0.0000068	1.39	2.25	0.0319	0.000222	7.29	0.00119	0.00839	0.000257	0.000142	0.0000745	0.0823	0.00000217	0.0000873	0.000462	0.00145	0.0000638
2090 Aug	0.000215	0.000227	0.000953	0.0912	0.00000681	1.39	2.24	0.0319	0.000223	7.28	0.00119	0.00838	0.000256	0.000142	0.0000744	0.0822	0.00000216	0.0000872	0.000461	0.00145	0.0000636
2090 Sep	0.000215	0.000226	0.00095	0.0911	0.0000068	1.38	2.24	0.0318	0.000223	7.25	0.00119	0.00837	0.000255	0.000141	0.0000741	0.082	0.00000216	0.0000869	0.000459	0.00145	0.0000632
2090 Oct	0.000214	0.000225	0.000947	0.0908	0.00000678	1.38	2.23	0.0316	0.000223	7.21	0.00118	0.00834	0.000254	0.00014	0.0000738	0.0817	0.00000215	0.0000865	0.000457	0.00144	0.0000627
2090 Nov	0.000214	0.000225	0.000946	0.0907	0.00000678	1.38	2.23	0.0316	0.000223	7.2	0.00118	0.00834	0.000253	0.00014	0.0000736	0.0816	0.00000215	0.0000864	0.000456	0.00144	0.0000626
2090 Dec	0.000214	0.000225	0.000946	0.0907	0.00000678	1.38	2.23	0.0316	0.000223	7.2	0.00118	0.00834	0.000253	0.00014	0.0000736	0.0816	0.00000215	0.0000864	0.000456	0.00144	0.0000626
2091 Jan	0.000214	0.000225	0.000946	0.0907	0.00000678	1.38	2.23	0.0316	0.000223	7.2	0.00118	0.00834	0.000253	0.00014	0.0000736	0.0816	0.00000215	0.0000864	0.000456	0.00144	0.0000626
2091 Feb	0.000214	0.000225	0.000946	0.0907	0.00000678	1.38	2.23	0.0316	0.000223	7.2	0.00118	0.00834	0.000253	0.00014	0.0000736	0.0816	0.00000215	0.0000864	0.000456	0.00144	0.0000626
2091 Mar	0.000214	0.000225	0.000946	0.0907	0.00000678	1.38	2.23	0.0316	0.000223	7.2	0.00118	0.00834	0.000253	0.00014	0.0000737	0.0816	0.00000215	0.0000864	0.000457	0.00144	0.0000626
2091 Apr	0.000214	0.000225	0.000947	0.0908	0.00000678	1.38	2.23	0.0316	0.000223	7.21	0.00118	0.00834	0.000254	0.00014	0.0000737	0.0816	0.00000215	0.0000865	0.000457	0.00144	0.0000626
2091 May	0.000215	0.000226	0.000949	0.0911	0.0000068	1.38	2.23	0.0317	0.000223	7.22	0.00118	0.00836	0.000255	0.000141	0.0000739	0.0819	0.00000215	0.0000866	0.000459	0.00144	0.0000627
2091 Jun	0.000215	0.000227	0.000946	0.0916	0.0000068	1.38	2.24	0.032	0.000222	7.18	0.00118	0.00835	0.000258	0.000141	0.0000739	0.0821	0.00000214	0.0000861	0.000462	0.00144	0.0000618
2091 Jul	0.000216	0.000229	0.000951	0.0921	0.00000685	1.39	2.25	0.0322	0.000224	7.22	0.00119	0.0084	0.000259	0.000141	0.0000743	0.0826	0.00000215	0.0000866	0.000464	0.00145	0.0000622
2091 Aug	0.000217	0.000229	0.000952	0.0922	0.00000686	1.39	2.25	0.0322	0.000224	7.23	0.00119	0.00841	0.000259	0.000141	0.0000743	0.0826	0.00000216	0.0000867	0.000464	0.00145	0.0000622
2091 Sep	0.000217	0.000229	0.000952	0.0922	0.00000686	1.39	2.25	0.0322	0.000224	7.22	0.00119	0.00841	0.000259	0.000141	0.0000743	0.0826	0.00000216	0.0000866	0.000464	0.00145	0.000062
2091 Oct	0.000216	0.000228	0.00095	0.092	0.00000685	1.38	2.24	0.0321	0.000224	7.2	0.00119	0.0084	0.000258	0.000141	0.0000741	0.0824	0.00000215	0.0000864	0.000463	0.00144	0.0000618
2091 Nov	0.000216	0.000228	0.000948	0.0918	0.00000684	1.38	2.24	0.032	0.000224	7.18	0.00118	0.00838	0.000257	0.00014	0.0000739	0.0823	0.00000215	0.0000862	0.000462	0.00144	0.0000616
2091 Dec	0.000216	0.000228	0.000948	0.0918	0.00000684	1.38	2.24	0.032	0.000224	7.18	0.00118	0.00838	0.000257	0.00014	0.0000739	0.0823	0.00000215	0.0000862	0.000462	0.00144	0.0000616
2092 Jan	0.000216	0.000228	0.000948	0.0918	0.00000684	1.38	2.24	0.032	0.000224	7.18	0.00118	0.00838	0.000257	0.00014	0.0000739	0.0823	0.00000215	0.0000862	0.000462	0.00144	0.0000616
2092 Feb	0.000216	0.000228	0.000948	0.0919	0.00000684	1.38	2.24	0.032	0.000224	7.18	0.00118	0.00838	0.000257	0.00014	0.0000739	0.0823	0.00000215	0.0000862	0.000462	0.00144	0.0000616
2092 Mar	0.000216	0.000228	0.000948	0.0919	0.00000684	1.38	2.24	0.032	0.000224	7.18	0.00118	0.00839	0.000257	0.00014	0.0000739	0.0823	0.00000215	0.0000863	0.000462	0.00144	0.0000616
2092 Apr	0.000216	0.000228	0.000949	0.0919	0.00000685	1.38	2.24	0.0321	0.000224	7.19	0.00118	0.00839	0.000257	0.000141	0.000074	0.0823	0.00000215	0.0000863	0.000462	0.00144	0.0000616
2092 May	0.000217	0.000229	0.00095	0.0923	0.00000686	1.38	2.25	0.0322	0.000225	7.19	0.00119	0.00841	0.000259	0.000141	0.0000741	0.0826	0.00000215	0.0000864	0.000464	0.00145	0.0000616
2092 Jun	0.000216	0.000229	0.000942	0.0924	0.00000683	1.37	2.24	0.0324	0.000222	7.11	0.00118	0.00835	0.000261	0.00014	0.0000737	0.0824	0.00000213	0.0000853	0.000465	0.00144	0.0000602
2092 Jul	0.000216	0.000229	0.000943	0.0925	0.00000685	1.37	2.24	0.0324	0.000223	7.11	0.00118	0.00837	0.000261	0.00014	0.0000737	0.0825	0.00000213	0.0000854	0.000466	0.00144	0.0000602
2092 Aug	0.000217	0.00023	0.000948	0.093	0.00000688	1.38	2.25	0.0326	0.000224	7.14	0.00119	0.00841	0.000262	0.000141	0.0000741	0.0829	0.00000214	0.0000858	0.000468	0.00145	0.0000604
2092 Sep	0.000218	0.00023	0.000948	0.093	0.00000689	1.38	2.25	0.0326	0.000224	7.14	0.00119	0.00841	0.000262	0.000141	0.0000741	0.0829	0.00000214	0.0000858	0.000468	0.00145	0.0000604
2092 Oct	0.000217	0.00023	0.000947	0.093	0.00000689	1.38	2.25	0.0326	0.000224	7.14	0.00119	0.00841	0.000262	0.000141	0.0000741	0.0828	0.00000214	0.0000858	0.000468	0.00144	0.0000603
2092 Nov	0.000217	0.00023	0.000947	0.093	0.00000689	1.38	2.25	0.0325	0.000224	7.14	0.00119	0.00841	0.000262	0.000141	0.0000741	0.0828	0.00000214	0.0000858	0.000468	0.00144	0.0000603
2092 Dec	0.000217	0.00023	0.000947	0.093	0.00000689	1.38	2.25	0.0325	0.000224	7.14	0.00119	0.00841	0.000262	0.000141	0.0000741	0.0828	0.00000214	0.0000858	0.000468	0.00144	0.0000603
2093 Jan	0.000217	0.00023	0.000947	0.093	0.00000689	1.38	2.25	0.0325	0.000224	7.14	0.00119	0.00841	0.000262	0.000141	0.0000741	0.0828	0.00000214	0.0000858	0.000468	0.00144	0.0000603
2093 Feb	0.000217	0.00023	0.000947	0.093	0.00000689	1.38	2.25	0.0326	0.000224	7.14	0.00119	0.00841	0.000262	0.000141	0.0000741	0.0829	0.00000214	0.0000858	0.000468	0.00144	0.0000603
2093 Mar	0.000217	0.00023	0.000948	0.093	0.00000689	1.38	2.25	0.0326	0.000224	7.14	0.00119	0.00841	0.000262	0.000141	0.0000741	0.0829	0.00000214	0.0000858	0.000468	0.00145	0.0000604
2093 Apr	0.000218	0.00023	0.000948	0.0931	0.0000069	1.38	2.25	0.0326	0.000224	7.14	0.00119	0.00842	0.000262	0.000141	0.0000741	0.0829	0.00000214	0.0000859	0.000468	0.00145	0.0000604
2093 May	0.000218	0.000231	0.00095	0.0934	0.00000691	1.39	2.26	0.0327	0.000225	7.16	0.00119	0.00844	0.000263	0.000141	0.0000743	0.0832	0.00000215	0.000086	0.00047	0.00145	0.0000604
2093 Jun	0.000218	0.000232	0.000947	0.0936	0.0000069	1.38	2.26	0.0329	0.000223	7.11	0.00119	0.00841	0.000265	0.000141	0.0000742	0.0832	0.00000213	0.0000854	0.000472	0.00144	0.0000596
2093 Jul	0.000219	0.000233	0.000951	0.0941	0.00000694	1.39	2.27	0.0331	0.000225	7.14	0.00119	0.00846	0.000267	0.000142	0.0000745	0.0836	0.00000214	0.0000858	0.000474	0.00145	0.0000599
2093 Aug	0.00022	0.000234	0.000955	0.0945	0.00000697	1.39	2.28	0.0332	0.000225	7.17	0.0012	0.00849	0.000268	0.000143	0.0000748	0.0839	0.00000215	0.0000862	0.000476	0.00146	0.0000601
2093 Sep	0.00022	0.000234	0.000955	0.0945	0.00000697	1.39	2.28	0.0332	0.000226	7.17	0.0012	0.0085	0.000267	0.000142	0.0000748	0.084	0.00000215	0.0000862	0.000476	0.00146	0.0000601
2093 Oct	0.000219	0.000233	0.000951	0.0941	0.00000695	1.39	2.27	0.033	0.000226	7.13	0.00119	0.00847	0.000266	0.000142	0.0000744	0.0836	0.00000214	0.0000858	0.000473	0.00145	0.0000596
2093 Nov	0.000219	0.000233	0.00095	0.0941	0.00000695	1.39	2.27	0.033	0.000226	7.12	0.00119	0.00846	0.000265	0.000141	0.0000743	0.0835	0.00000214	0.0000857	0.000473	0.00145	0.0000595
2093 Dec	0.000219	0.000233	0.00095	0.0941	0.00000695	1.39	2.27	0.033	0.000226	7.12	0.00119	0.00846	0.000265	0.000141	0.0000743	0.0835	0.00000214	0.0000857	0.000473	0.00145	0.0000595
2094 Jan	0.000219	0.000233	0.00095	0.0941	0.00000695	1.39	2.27	0.033	0.000226	7.12	0.00119	0.00846	0.000265	0.000141	0.0000743	0.0835	0.00000214	0.0000857	0.000473	0.00145	0.0000595
2094 Feb	0.000219	0.000233	0.00095	0.0941	0.00000695	1.39	2.27	0.033	0.000226	7.12	0.00119	0.00846	0.000265	0.000141	0.0000743	0.0835	0.00000214	0.0000857	0.000473	0.00145	0.0000595
2094 Mar	0.000219	0.000233	0.00095	0.0941	0.00000695	1.39	2.27	0.033	0.000226	7.12	0.00119	0.00846	0.000266	0.000141	0.0000743	0.0835	0.00000214	0.0000857	0.000473	0.00145	0.0000595
2094 Apr	0.000219	0.000233	0.000951	0.0941	0.00000695	1.39	2.27	0.033	0.000226	7.13	0.00119	0.00847	0.000266	0.000141	0.0000744	0.0836	0.00000214	0.0000858	0.000473	0.00145	0.0000595
2094 May	0.00022	0.000234	0.000951	0.0944	0.00000696	1.39	2.27	0.0331	0.000226	7.12	0.00119	0.00847	0.000267	0.000142	0.0000745	0.0837	0.00000214	0.0000857	0.000475	0.00145	0.0000594
2094 Jun	0.000221	0.000235	0.000952	0.0949	0.00000697	1.39	2.28	0.0334	0.000226	7.12	0.00119	0.00848	0.000269	0.000142	0.0000746	0.0841	0.00000214	0.0000856	0.000478	0.00145	0.000059
2094 Jul	0.000222	0.000237	0.000959	0.0956	0.00000703	1.4	2.3	0.0337	0.000227	7.17	0.0012	0.00855	0.000271	0.000143	0.0000751	0.0847	0.00000216	0.0000862	0.000481	0.00146	0.0000594
2094 Aug	0.000224	0.000238	0.000965	0.0963	0.00000707	1.41	2.31	0.0339	0.000229	7.22	0.00121	0.0086	0.000273	0.000144	0.0000756	0.0853	0.00000217	0.0000868	0.000484	0.00147	0.0000598
2094 Sep	0.000224	0.000238	0.000965	0.0963	0.00000708	1.41	2.31	0.0339	0.000229	7.21	0.00121	0.00861	0.000273	0.000144	0.0000756	0.0853	0.00000217	0.0000868	0.000484	0.00147	0.0000598

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2094 Oct	0.000223	0.000238	0.000963	0.0961	0.00000707	1.41	2.31	0.0338	0.000229	7.19	0.00121	0.00859	0.000272	0.000143	0.0000754	0.085	0.00000217	0.0000866	0.000483	0.00147	0.0000595
2094 Nov	0.000223	0.000237	0.000961	0.0958	0.00000705	1.4	2.3	0.0336	0.000229	7.17	0.0012	0.00857	0.000271	0.000143	0.0000752	0.0848	0.00000216	0.0000864	0.000481	0.00146	0.0000593
2094 Dec	0.000223	0.000237	0.000961	0.0958	0.00000705	1.4	2.3	0.0336	0.000229	7.17	0.0012	0.00857	0.000271	0.000143	0.0000752	0.0848	0.00000216	0.0000864	0.000481	0.00146	0.0000593
2095 Jan	0.000223	0.000237	0.000961	0.0958	0.00000705	1.4	2.3	0.0336	0.000229	7.17	0.0012	0.00857	0.000271	0.000143	0.0000752	0.0848	0.00000216	0.0000864	0.000481	0.00146	0.0000593
2095 Feb	0.000223	0.000237	0.000961	0.0958	0.00000705	1.4	2.3	0.0336	0.000229	7.17	0.0012	0.00857	0.000271	0.000143	0.0000752	0.0848	0.00000216	0.0000864	0.000481	0.00146	0.0000593
2095 Mar	0.000223	0.000237	0.000961	0.0958	0.00000705	1.4	2.3	0.0336	0.000229	7.17	0.0012	0.00857	0.000271	0.000143	0.0000752	0.0848	0.00000216	0.0000864	0.000481	0.00146	0.0000593
2095 Apr	0.000223	0.000237	0.000961	0.0959	0.00000706	1.4	2.3	0.0337	0.000229	7.17	0.0012	0.00858	0.000271	0.000143	0.0000752	0.0849	0.00000216	0.0000864	0.000481	0.00147	0.0000593
2095 May	0.000223	0.000238	0.000962	0.0962	0.00000707	1.4	2.31	0.0338	0.000229	7.18	0.00121	0.00859	0.000273	0.000143	0.0000753	0.0851	0.00000216	0.0000864	0.000483	0.00147	0.0000592
2095 Jun	0.000224	0.000239	0.000964	0.0968	0.00000709	1.41	2.32	0.0341	0.00023	7.18	0.00121	0.00861	0.000275	0.000144	0.0000756	0.0855	0.00000216	0.0000865	0.000486	0.00147	0.00059
2095 Jul	0.000226	0.000241	0.000971	0.0975	0.00000714	1.42	2.33	0.0343	0.000231	7.23	0.00122	0.00868	0.000277	0.000145	0.0000761	0.0861	0.00000218	0.0000871	0.00049	0.00148	0.0000594
2095 Aug	0.000226	0.000241	0.000971	0.0975	0.00000715	1.42	2.33	0.0343	0.000231	7.23	0.00122	0.00868	0.000277	0.000145	0.0000761	0.0861	0.00000218	0.0000871	0.000489	0.00148	0.0000594
2095 Sep	0.000226	0.000241	0.000972	0.0975	0.00000716	1.42	2.33	0.0343	0.000232	7.23	0.00122	0.00868	0.000277	0.000144	0.0000761	0.0861	0.00000218	0.0000871	0.000489	0.00148	0.0000594
2095 Oct	0.000226	0.000241	0.000972	0.0975	0.00000716	1.42	2.33	0.0343	0.000232	7.23	0.00122	0.00868	0.000277	0.000144	0.0000761	0.0861	0.00000218	0.0000871	0.000489	0.00148	0.0000593
2095 Nov	0.000226	0.000241	0.000971	0.0974	0.00000715	1.42	2.33	0.0342	0.000232	7.22	0.00122	0.00868	0.000276	0.000144	0.000076	0.086	0.00000218	0.000087	0.000488	0.00148	0.0000592
2095 Dec	0.000226	0.000241	0.00097	0.0974	0.00000715	1.42	2.33	0.0342	0.000232	7.22	0.00122	0.00868	0.000276	0.000144	0.000076	0.086	0.00000218	0.000087	0.000488	0.00148	0.0000592
2096 Jan	0.000226	0.000241	0.00097	0.0974	0.00000715	1.42	2.33	0.0342	0.000232	7.22	0.00122	0.00868	0.000276	0.000144	0.000076	0.086	0.00000218	0.000087	0.000488	0.00148	0.0000592
2096 Feb	0.000226	0.000241	0.000971	0.0974	0.00000715	1.42	2.33	0.0342	0.000232	7.22	0.00122	0.00868	0.000276	0.000144	0.000076	0.086	0.00000218	0.000087	0.000488	0.00148	0.0000592
2096 Mar	0.000226	0.000241	0.000971	0.0974	0.00000715	1.42	2.33	0.0342	0.000232	7.22	0.00122	0.00868	0.000276	0.000144	0.000076	0.086	0.00000218	0.000087	0.000488	0.00148	0.0000592
2096 Apr	0.000226	0.000241	0.000971	0.0975	0.00000716	1.42	2.33	0.0343	0.000232	7.22	0.00122	0.00868	0.000276	0.000144	0.000076	0.0861	0.00000218	0.0000871	0.000489	0.00148	0.0000592
2096 May	0.000226	0.000241	0.000973	0.0977	0.00000717	1.42	2.34	0.0344	0.000232	7.23	0.00122	0.0087	0.000277	0.000144	0.0000762	0.0863	0.00000218	0.0000871	0.00049	0.00148	0.0000592
2096 Jun	0.000226	0.000241	0.000965	0.0977	0.00000714	1.41	2.32	0.0344	0.00023	7.15	0.00121	0.00865	0.000278	0.000144	0.0000757	0.0859	0.00000216	0.0000862	0.00049	0.00147	0.0000581
2096 Jul	0.000227	0.000242	0.000968	0.0981	0.00000718	1.41	2.33	0.0346	0.000231	7.17	0.00122	0.00868	0.000279	0.000145	0.000076	0.0863	0.00000217	0.0000865	0.000492	0.00148	0.0000582
2096 Aug	0.000228	0.000243	0.000974	0.0986	0.00000722	1.42	2.35	0.0348	0.000232	7.22	0.00122	0.00874	0.00028	0.000146	0.0000764	0.0868	0.00000218	0.000087	0.000495	0.00149	0.0000585
2096 Sep	0.000228	0.000243	0.000974	0.0986	0.00000722	1.42	2.34	0.0347	0.000233	7.21	0.00122	0.00873	0.00028	0.000145	0.0000763	0.0867	0.00000218	0.000087	0.000495	0.00149	0.0000584
2096 Oct	0.000227	0.000242	0.00097	0.0983	0.00000721	1.42	2.34	0.0346	0.000233	7.18	0.00122	0.00871	0.000279	0.000145	0.000076	0.0864	0.00000217	0.0000867	0.000493	0.00148	0.0000581
2096 Nov	0.000227	0.000242	0.00097	0.0983	0.00000721	1.42	2.34	0.0345	0.000233	7.18	0.00122	0.00871	0.000279	0.000145	0.000076	0.0864	0.00000217	0.0000867	0.000492	0.00148	0.000058
2096 Dec	0.000227	0.000242	0.00097	0.0983	0.00000721	1.42	2.34	0.0345	0.000233	7.18	0.00122	0.00871	0.000279	0.000145	0.000076	0.0864	0.00000217	0.0000867	0.000492	0.00148	0.000058
2097 Jan	0.000227	0.000242	0.00097	0.0983	0.00000721	1.42	2.34	0.0345	0.000233	7.18	0.00122	0.00871	0.000279	0.000145	0.000076	0.0864	0.00000217	0.0000867	0.000492	0.00148	0.000058
2097 Feb	0.000227	0.000242	0.00097	0.0983	0.00000721	1.42	2.34	0.0345	0.000233	7.18	0.00122	0.00871	0.000279	0.000145	0.000076	0.0864	0.00000217	0.0000867	0.000492	0.00148	0.000058
2097 Mar	0.000227	0.000242	0.00097	0.0983	0.00000721	1.42	2.34	0.0345	0.000233	7.18	0.00122	0.00872	0.000279	0.000145	0.000076	0.0864	0.00000217	0.0000867	0.000492	0.00148	0.000058
2097 Apr	0.000227	0.000242	0.000971	0.0984	0.00000721	1.42	2.34	0.0346	0.000233	7.18	0.00122	0.00872	0.000279	0.000145	0.0000761	0.0865	0.00000218	0.0000867	0.000493	0.00148	0.0000581
2097 May	0.000228	0.000243	0.000973	0.0987	0.00000723	1.42	2.34	0.0347	0.000233	7.2	0.00122	0.00874	0.00028	0.000145	0.0000763	0.0867	0.00000218	0.0000869	0.000495	0.00149	0.0000581
2097 Jun	0.000228	0.000244	0.000973	0.0991	0.00000724	1.42	2.35	0.0349	0.000233	7.18	0.00122	0.00874	0.000282	0.000145	0.0000763	0.087	0.00000218	0.0000867	0.000497	0.00149	0.0000577
2097 Jul	0.00023	0.000246	0.000979	0.0997	0.00000729	1.43	2.36	0.0352	0.000235	7.22	0.00123	0.0088	0.000284	0.000146	0.0000768	0.0875	0.00000219	0.0000872	0.0005	0.0015	0.0000581
2097 Aug	0.000231	0.000247	0.000983	0.1	0.00000732	1.44	2.37	0.0353	0.000236	7.25	0.00124	0.00884	0.000285	0.000147	0.0000771	0.0879	0.0000022	0.0000876	0.000502	0.0015	0.0000583
2097 Sep	0.000231	0.000247	0.000985	0.1	0.00000733	1.44	2.38	0.0353	0.000236	7.27	0.00124	0.00885	0.000285	0.000147	0.0000772	0.088	0.0000022	0.0000877	0.000503	0.00151	0.0000584
2097 Oct	0.000231	0.000247	0.000984	0.1	0.00000733	1.44	2.38	0.0353	0.000236	7.26	0.00124	0.00885	0.000285	0.000147	0.0000772	0.088	0.0000022	0.0000877	0.000502	0.00151	0.0000583
2097 Nov	0.000231	0.000247	0.000984	0.1	0.00000733	1.44	2.37	0.0353	0.000236	7.26	0.00124	0.00885	0.000285	0.000147	0.0000771	0.0879	0.0000022	0.0000876	0.000502	0.0015	0.0000582
2097 Dec	0.000231	0.000247	0.000984	0.1	0.00000733	1.44	2.37	0.0353	0.000236	7.26	0.00124	0.00885	0.000285	0.000147	0.0000771	0.0879	0.0000022	0.0000876	0.000502	0.0015	0.0000582
2098 Jan	0.000231	0.000247	0.000984	0.1	0.00000733	1.44	2.37	0.0353	0.000236	7.26	0.00124	0.00885	0.000285	0.000147	0.0000771	0.0879	0.0000022	0.0000876	0.000502	0.0015	0.0000582
2098 Feb	0.000231	0.000247	0.000984	0.1	0.00000733	1.44	2.37	0.0353	0.000236	7.26	0.00124	0.00885	0.000285	0.000147	0.0000771	0.0879	0.0000022	0.0000876	0.000502	0.0015	0.0000582
2098 Mar	0.000231	0.000247	0.000984	0.1	0.00000733	1.44	2.37	0.0353	0.000236	7.26	0.00124	0.00885	0.000285	0.000147	0.0000771	0.0879	0.0000022	0.0000876	0.000502	0.0015	0.0000582
2098 Apr	0.000231	0.000247	0.000984	0.1	0.00000733	1.44	2.38	0.0353	0.000236	7.26	0.00124	0.00885	0.000285	0.000147	0.0000772	0.088	0.0000022	0.0000877	0.000502	0.00151	0.0000583
2098 May	0.000232	0.000248	0.000986	0.101	0.00000734	1.44	2.38	0.0356	0.000236	7.26	0.00124	0.00886	0.000287	0.000147	0.0000773	0.0883	0.0000022	0.0000877	0.000505	0.00151	0.0000581
2098 Jun	0.000231	0.000249	0.000978	0.101	0.00000731	1.43	2.38	0.0357	0.000234	7.19	0.00123	0.00881	0.000289	0.000146	0.000077	0.0881	0.00000218	0.0000867	0.000506	0.0015	0.0000569
2098 Jul	0.000233	0.00025	0.000984	0.101	0.00000736	1.44	2.39	0.036	0.000236	7.23	0.00124	0.00887	0.000291	0.000147	0.0000774	0.0887	0.00000219	0.0000872	0.00051	0.00151	0.0000573
2098 Aug	0.000233	0.000251	0.000986	0.102	0.00000738	1.44	2.4	0.036	0.000236	7.24	0.00124	0.00889	0.000291	0.000148	0.0000776	0.0889	0.0000022	0.0000874	0.00051	0.00151	0.0000573
2098 Sep	0.000233	0.00025	0.000983	0.101	0.00000736	1.44	2.39	0.0359	0.000236	7.21	0.00124	0.00886	0.00029	0.000147	0.0000773	0.0886	0.00000219	0.0000871	0.000508	0.0015	0.000057
2098 Oct	0.000232	0.000249	0.00098	0.101	0.00000734	1.43	2.38	0.0357	0.000236	7.18	0.00123	0.00884	0.000288	0.000146	0.0000769	0.0882	0.00000218	0.0000868	0.000506	0.0015	0.0000566
2098 Nov	0.000232	0.000248	0.000979	0.101	0.00000734	1.43	2.38	0.0357	0.000236	7.17	0.00123	0.00883	0.000288	0.000146	0.0000768	0.0882	0.00000218	0.0000867	0.000505	0.0015	0.0000565
2098 Dec	0.000232	0.000248	0.000979	0.101	0.00000734	1.43	2.38	0.0357	0.000236	7.17	0.00123	0.00883	0.000288	0.000146	0.0000768	0.0882	0.00000218	0.0000867	0.000505	0.0015	0.0000565
2099 Jan	0.000232	0.000248	0.000979	0.101	0.00000734	1.43	2.38	0.0357	0.000236	7.17	0.00123	0.00883	0.000288	0.000146	0.0000768	0.0882	0.00000218	0.0000867	0.000505	0.0015	0.0000565
2099 Feb	0.000232	0.000248	0.000979	0.101	0.00000734	1.43	2.38	0.0357	0.000236	7.17	0.00123	0.00883	0.000288	0.000146	0.0000769	0.0882	0.00000218	0.0000867	0.000505	0.0015	0.0000565
2099 Mar	0.000232	0.000249	0.000979	0.101	0.00000734	1.43	2.38	0.0357	0.000236	7.17	0.00123	0.00883	0.000288	0.000146	0.0000769	0.0882	0.00000218	0.0000867	0.000506	0.0015	0.0000565
2099 Apr	0.000232	0.000249	0.00098	0.101	0.00000735	1.43	2.38	0.0357	0.000236	7.18	0.00123	0.00884	0.000288	0.000146	0.000077	0.0883	0.00000218	0.0000868	0.000506	0.0015	0.0000566
2099 May	0.000233	0.000251	0.00098	0.102	0.00000735	1.43	2.39	0.0362	0.000236	7.17	0.00124	0.00884	0.000291	0.000146	0.000077	0.0888	0.00000218	0.0000866	0.000511	0.0015	0.000056
2099 Jun	0.000233	0.000252	0.000978	0.102	0.00000734	1.43	2.39	0.0363	0.000235	7.15	0.00123	0.00883	0.000292	0.000146	0.0000769	0.0888	0.00000217	0.0000863	0.000511	0.00149	0.0000557
2099 Jul	0.000234	0.000253	0.000984	0.103	0.00000739	1.44	2.41	0.0365	0.000237	7.19	0.00124	0.00889	0.000294	0.000147	0.0000774	0.0893	0.00000218	0.0000868	0.000515	0.0015	0.000056
2099 Aug	0.000236	0.000254	0.000989	0.103	0.00000743	1.45	2.42	0.0367	0.000238	7.23	0.00125	0.00894	0.000296	0.000148	0.0000778	0.0898	0.0000022	0.0000872	0.000517	0.00151	0.0000562
2099 Sep	0.000235	0.000254	0.000988	0.103	0.00000743	1.45	2.41	0.0366	0.000238	7.21	0.00125	0.00892	0.000295	0.000147	0.0000777	0.0897	0.00000219	0.0000871	0.000516	0.00151	0.0000561
2099 Oct	0.000235	0.000253	0.000986	0.103	0.00000741	1.44	2.41	0.0365	0.000238	7.19	0.00124	0.00891	0.000294	0.000147	0.0000775	0.0895	0.00000219	0.0000869	0.000514	0.0015	0.0000559

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2099 Nov	0.000234	0.000253	0.000984	0.103	0.0000074	1.44	2.4	0.0365	0.000238	7.18	0.00124	0.0089	0.000293	0.000147	0.0000773	0.0893	0.00000219	0.0000868	0.000514	0.0015	0.0000557
2099 Dec	0.000234	0.000253	0.000984	0.103	0.00000741	1.44	2.4	0.0365	0.000238	7.18	0.00124	0.0089	0.000293	0.000147	0.0000773	0.0893	0.00000219	0.0000868	0.000514	0.0015	0.0000557
2100 Jan	0.000234	0.000253	0.000984	0.103	0.00000741	1.44	2.4	0.0365	0.000238	7.18	0.00124	0.0089	0.000293	0.000147	0.0000773	0.0893	0.00000219	0.0000868	0.000514	0.0015	0.0000557
2100 Feb	0.000234	0.000253	0.000984	0.103	0.00000741	1.44	2.4	0.0365	0.000238	7.18	0.00124	0.0089	0.000293	0.000147	0.0000773	0.0893	0.00000219	0.0000868	0.000514	0.0015	0.0000557
2100 Mar	0.000234	0.000253	0.000984	0.103	0.00000741	1.44	2.4	0.0365	0.000238	7.18	0.00124	0.0089	0.000293	0.000147	0.0000773	0.0893	0.00000219	0.0000868	0.000514	0.0015	0.0000558
2100 Apr	0.000235	0.000253	0.000985	0.103	0.00000741	1.44	2.41	0.0365	0.000238	7.19	0.00124	0.00891	0.000294	0.000147	0.0000774	0.0894	0.00000219	0.0000869	0.000514	0.0015	0.0000558
2100 May	0.000235	0.000254	0.000987	0.103	0.00000743	1.44	2.41	0.0367	0.000238	7.19	0.00124	0.00892	0.000296	0.000147	0.0000776	0.0897	0.00000219	0.0000869	0.000517	0.00151	0.0000557
2100 Jun	0.000235	0.000255	0.00098	0.103	0.00000739	1.44	2.41	0.0369	0.000236	7.13	0.00124	0.00887	0.000297	0.000146	0.0000772	0.0896	0.00000217	0.0000861	0.000517	0.0015	0.0000547
2100 Jul	0.000235	0.000255	0.000982	0.103	0.00000741	1.44	2.41	0.0369	0.000237	7.14	0.00124	0.00889	0.000298	0.000147	0.0000774	0.0897	0.00000217	0.0000862	0.000519	0.0015	0.0000548
2100 Aug	0.000235	0.000255	0.000982	0.103	0.00000742	1.44	2.41	0.0369	0.000237	7.13	0.00124	0.00889	0.000297	0.000147	0.0000774	0.0897	0.00000217	0.0000862	0.000518	0.0015	0.0000547
2100 Sep	0.000235	0.000255	0.000982	0.103	0.00000742	1.44	2.41	0.0369	0.000237	7.13	0.00124	0.0089	0.000297	0.000147	0.0000774	0.0897	0.00000217	0.0000862	0.000518	0.0015	0.0000546
2100 Oct	0.000235	0.000255	0.000982	0.103	0.00000743	1.44	2.41	0.0369	0.000237	7.13	0.00124	0.0089	0.000297	0.000147	0.0000774	0.0897	0.00000217	0.0000862	0.000518	0.0015	0.0000546
2100 Nov	0.000235	0.000255	0.000982	0.103	0.00000743	1.44	2.41	0.0369	0.000237	7.13	0.00124	0.0089	0.000297	0.000147	0.0000774	0.0898	0.00000218	0.0000862	0.000518	0.0015	0.0000546
2100 Dec	0.000236	0.000255	0.000982	0.103	0.00000743	1.44	2.41	0.0369	0.000237	7.13	0.00124	0.0089	0.000297	0.000147	0.0000774	0.0898	0.00000218	0.0000862	0.000518	0.0015	0.0000546
2101 Jan	0.000236	0.000255	0.000982	0.103	0.00000743	1.44	2.41	0.0369	0.000237	7.13	0.00124	0.0089	0.000297	0.000147	0.0000774	0.0898	0.00000218	0.0000862	0.000518	0.0015	0.0000546
2101 Feb	0.000236	0.000255	0.000982	0.103	0.00000743	1.44	2.41	0.0369	0.000237	7.13	0.00124	0.0089	0.000297	0.000147	0.0000774	0.0898	0.00000218	0.0000862	0.000518	0.0015	0.0000546
2101 Mar	0.000236	0.000255	0.000983	0.103	0.00000743	1.44	2.41	0.0369	0.000237	7.13	0.00124	0.0089	0.000297	0.000147	0.0000774	0.0898	0.00000218	0.0000862	0.000518	0.0015	0.0000546
2101 Apr	0.000236	0.000255	0.000983	0.103	0.00000743	1.44	2.41	0.0369	0.000238	7.14	0.00124	0.00891	0.000297	0.000147	0.0000774	0.0898	0.00000218	0.0000863	0.000518	0.0015	0.0000546
2101 May	0.000236	0.000256	0.000984	0.104	0.00000745	1.44	2.42	0.0371	0.000238	7.14	0.00124	0.00892	0.000299	0.000147	0.0000776	0.0901	0.00000218	0.0000863	0.000521	0.0015	0.0000545
2101 Jun	0.000236	0.000257	0.000981	0.104	0.00000743	1.44	2.42	0.0373	0.000237	7.11	0.00124	0.0089	0.000301	0.000147	0.0000775	0.0901	0.00000217	0.0000858	0.000522	0.0015	0.0000539
2101 Jul	0.000238	0.000258	0.000987	0.105	0.00000748	1.45	2.43	0.0375	0.000238	7.15	0.00125	0.00895	0.000302	0.000148	0.0000779	0.0906	0.00000218	0.0000864	0.000525	0.00151	0.0000542
2101 Aug	0.000239	0.00026	0.000993	0.105	0.00000752	1.46	2.45	0.0377	0.000239	7.19	0.00126	0.009	0.000304	0.000149	0.0000784	0.0911	0.00000219	0.0000868	0.000528	0.00152	0.0000545
2101 Sep	0.000239	0.000259	0.000992	0.105	0.00000752	1.45	2.44	0.0376	0.00024	7.18	0.00125	0.009	0.000303	0.000148	0.0000783	0.0911	0.00000219	0.0000867	0.000527	0.00152	0.0000544
2101 Oct	0.000239	0.000259	0.000991	0.105	0.00000752	1.45	2.44	0.0376	0.00024	7.17	0.00125	0.009	0.000303	0.000148	0.0000782	0.091	0.00000219	0.0000867	0.000527	0.00151	0.0000544
2101 Nov	0.000238	0.000259	0.000989	0.105	0.00000751	1.45	2.44	0.0375	0.00024	7.16	0.00125	0.00898	0.000302	0.000148	0.000078	0.0908	0.00000219	0.0000866	0.000525	0.00151	0.0000542
2101 Dec	0.000238	0.000259	0.000989	0.105	0.00000751	1.45	2.44	0.0375	0.00024	7.16	0.00125	0.00898	0.000302	0.000148	0.000078	0.0908	0.00000219	0.0000866	0.000525	0.00151	0.0000542
2102 Jan	0.000238	0.000259	0.000989	0.105	0.00000751	1.45	2.44	0.0375	0.00024	7.16	0.00125	0.00898	0.000302	0.000148	0.000078	0.0908	0.00000219	0.0000866	0.000525	0.00151	0.0000542
2102 Feb	0.000238	0.000259	0.000989	0.105	0.00000751	1.45	2.44	0.0375	0.00024	7.16	0.00125	0.00898	0.000302	0.000148	0.000078	0.0908	0.00000219	0.0000866	0.000525	0.00151	0.0000542
2102 Mar	0.000238	0.000259	0.00099	0.105	0.00000751	1.45	2.44	0.0375	0.00024	7.16	0.00125	0.00898	0.000302	0.000148	0.000078	0.0908	0.00000219	0.0000866	0.000525	0.00151	0.0000542
2102 Apr	0.000238	0.000259	0.00099	0.105	0.00000751	1.45	2.44	0.0375	0.00024	7.16	0.00125	0.00899	0.000302	0.000148	0.0000781	0.0909	0.00000219	0.0000866	0.000526	0.00151	0.0000542
2102 May	0.000239	0.000259	0.000992	0.105	0.00000752	1.45	2.44	0.0376	0.00024	7.17	0.00125	0.009	0.000303	0.000148	0.0000782	0.091	0.00000219	0.0000867	0.000527	0.00151	0.0000543
2102 Jun	0.000238	0.000257	0.000984	0.105	0.00000751	1.44	2.43	0.0373	0.000238	7.11	0.00125	0.00896	0.000301	0.000148	0.0000776	0.0904	0.00000218	0.000086	0.000525	0.00151	0.0000536
2102 Jul	0.000238	0.000257	0.000984	0.105	0.00000752	1.44	2.42	0.0373	0.000238	7.09	0.00125	0.00897	0.000301	0.000148	0.0000776	0.0903	0.00000218	0.0000859	0.000525	0.00151	0.0000533
2102 Aug	0.000239	0.000258	0.000987	0.105	0.00000755	1.45	2.43	0.0374	0.000239	7.12	0.00125	0.009	0.000301	0.000149	0.0000778	0.0907	0.00000219	0.0000862	0.000527	0.00152	0.0000535
2102 Sep	0.000239	0.000258	0.000988	0.105	0.00000756	1.45	2.43	0.0374	0.000239	7.12	0.00125	0.00901	0.000302	0.000149	0.0000779	0.0907	0.00000219	0.0000863	0.000527	0.00152	0.0000535
2102 Oct	0.000238	0.000257	0.000985	0.105	0.00000754	1.44	2.42	0.0373	0.000239	7.09	0.00125	0.00898	0.0003	0.000148	0.0000776	0.0904	0.00000218	0.000086	0.000525	0.00151	0.0000532
2102 Nov	0.000238	0.000257	0.000985	0.105	0.00000754	1.44	2.43	0.0373	0.000239	7.09	0.00125	0.00899	0.0003	0.000148	0.0000776	0.0904	0.00000218	0.0000861	0.000525	0.00152	0.0000533
2102 Dec	0.000238	0.000257	0.000985	0.105	0.00000754	1.44	2.43	0.0373	0.000239	7.09	0.00125	0.00899	0.0003	0.000148	0.0000776	0.0905	0.00000218	0.0000861	0.000525	0.00152	0.0000533
2103 Jan	0.000238	0.000257	0.000985	0.105	0.00000755	1.44	2.43	0.0373	0.000239	7.09	0.00125	0.00899	0.0003	0.000148	0.0000776	0.0905	0.00000218	0.0000861	0.000525	0.00152	0.0000533
2103 Feb	0.000238	0.000257	0.000985	0.105	0.00000755	1.44	2.43	0.0373	0.000239	7.09	0.00125	0.00899	0.0003	0.000148	0.0000776	0.0905	0.00000218	0.0000861	0.000525	0.00152	0.0000533
2103 Mar	0.000238	0.000257	0.000985	0.105	0.00000755	1.44	2.43	0.0373	0.000239	7.1	0.00125	0.00899	0.0003	0.000148	0.0000776	0.0905	0.00000218	0.0000861	0.000525	0.00152	0.0000533
2103 Apr	0.000238	0.000257	0.000986	0.105	0.00000755	1.44	2.43	0.0373	0.000239	7.1	0.00125	0.00899	0.000301	0.000148	0.0000776	0.0905	0.00000218	0.0000861	0.000525	0.00152	0.0000533
2103 May	0.000239	0.000258	0.000987	0.105	0.00000756	1.45	2.43	0.0375	0.000239	7.11	0.00125	0.00901	0.000302	0.000149	0.0000778	0.0908	0.00000219	0.0000862	0.000527	0.00152	0.0000532
2103 Jun	0.000238	0.000259	0.000981	0.105	0.00000754	1.44	2.43	0.0376	0.000238	7.05	0.00125	0.00897	0.000304	0.000148	0.0000775	0.0906	0.00000217	0.0000854	0.000528	0.00151	0.0000523
2103 Jul	0.000239	0.000259	0.000983	0.106	0.00000756	1.44	2.43	0.0377	0.000238	7.06	0.00125	0.00899	0.000304	0.000148	0.0000777	0.0908	0.00000217	0.0000856	0.00053	0.00152	0.0000524
2103 Aug	0.000239	0.000259	0.000984	0.106	0.00000757	1.44	2.43	0.0377	0.000238	7.06	0.00125	0.009	0.000304	0.000148	0.0000777	0.0908	0.00000218	0.0000856	0.000529	0.00152	0.0000523
2103 Sep	0.000239	0.000259	0.000982	0.105	0.00000757	1.44	2.43	0.0376	0.000238	7.04	0.00125	0.00899	0.000303	0.000148	0.0000775	0.0907	0.00000217	0.0000854	0.000528	0.00151	0.0000521
2103 Oct	0.000238	0.000257	0.000978	0.105	0.00000754	1.43	2.42	0.0374	0.000238	7	0.00124	0.00896	0.000301	0.000147	0.0000771	0.0903	0.00000216	0.0000851	0.000525	0.00151	0.0000517
2103 Nov	0.000237	0.000257	0.000978	0.105	0.00000754	1.43	2.42	0.0374	0.000238	6.99	0.00124	0.00895	0.000301	0.000147	0.000077	0.0902	0.00000216	0.000085	0.000525	0.0015	0.0000516
2103 Dec	0.000237	0.000257	0.000978	0.105	0.00000754	1.43	2.42	0.0374	0.000238	6.99	0.00124	0.00895	0.000301	0.000147	0.000077	0.0902	0.00000216	0.000085	0.000525	0.0015	0.0000516
2104 Jan	0.000237	0.000257	0.000978	0.105	0.00000754	1.43	2.42	0.0374	0.000238	6.99	0.00124	0.00895	0.000301	0.000147	0.000077	0.0902	0.00000216	0.000085	0.000525	0.0015	0.0000516
2104 Feb	0.000237	0.000257	0.000978	0.105	0.00000754	1.43	2.42	0.0374	0.000238	6.99	0.00124	0.00895	0.000301	0.000147	0.000077	0.0902	0.00000216	0.000085	0.000525	0.00151	0.0000516
2104 Mar	0.000237	0.000257	0.000978	0.105	0.00000754	1.43	2.42	0.0374	0.000238	7	0.00124	0.00895	0.000301	0.000147	0.000077	0.0902	0.00000216	0.000085	0.000525	0.00151	0.0000516
2104 Apr	0.000238	0.000257	0.000979	0.105	0.00000755	1.43	2.42	0.0374	0.000238	7	0.00124	0.00896	0.000301	0.000147	0.0000771	0.0903	0.00000216	0.0000851	0.000525	0.00151	0.0000517
2104 May	0.000238	0.000259	0.00098	0.106	0.00000756	1.44	2.43	0.0377	0.000239	7.01	0.00124	0.00898	0.000304	0.000147	0.0000773	0.0906	0.00000216	0.0000851	0.000528	0.00151	0.0000515
2104 Jun	0.000238	0.000258	0.000974	0.105	0.00000753	1.43	2.42	0.0377	0.000237	6.95	0.00124	0.00893	0.000304	0.000147	0.0000769	0.0904	0.00000215	0.0000844	0.000528	0.0015	0.0000507
2104 Jul	0.000239	0.000259	0.000978	0.106	0.00000756	1.43	2.43	0.0378	0.000238	6.97	0.00124	0.00896	0.000305	0.000147	0.0000772	0.0907	0.00000216	0.0000847	0.00053	0.00151	0.0000509
2104 Aug	0.000239	0.00026	0.00098	0.106	0.00000758	1.44	2.43	0.0379	0.000238	6.99	0.00125	0.00899	0.000306	0.000148	0.0000774	0.091	0.00000216	0.0000849	0.000531	0.00151	0.000051
2104 Sep	0.000239	0.000259	0.000979	0.106	0.00000758	1.44	2.43	0.0378	0.000238	6.98	0.00124	0.00898	0.000305	0.000147	0.0000773	0.0908	0.00000216	0.0000848	0.00053	0.00151	0.0000509
2104 Oct	0.000238	0.000259	0.000977	0.106	0.00000757	1.43	2.42	0.0377	0.000238	6.96	0.00124	0.00896	0.000304	0.000147	0.000077	0.0906	0.00000215	0.0000846	0.000528	0.0015	0.0000506
2104 Nov	0.000238	0.000259	0.000976	0.106	0.00000756	1.43	2.42	0.0377	0.000238	6.95	0.00124	0.00896	0.000304	0.000147	0.000077	0.0905	0.00000215	0.0000845	0.000528	0.0015	0.0000506

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2104 Dec	0.000238	0.000259	0.000976	0.106	0.00000757	1.43	2.42	0.0377	0.000238	6.95	0.00124	0.00896	0.000304	0.000147	0.000077	0.0906	0.00000215	0.0000845	0.000528	0.0015	0.0000506
2105 Jan	0.000238	0.000259	0.000976	0.106	0.00000757	1.43	2.42	0.0377	0.000238	6.95	0.00124	0.00896	0.000304	0.000147	0.000077	0.0906	0.00000215	0.0000845	0.000528	0.0015	0.0000506
2105 Feb	0.000238	0.000259	0.000976	0.106	0.00000757	1.43	2.42	0.0377	0.000238	6.95	0.00124	0.00896	0.000304	0.000147	0.000077	0.0906	0.00000215	0.0000845	0.000528	0.0015	0.0000506
2105 Mar	0.000238	0.000259	0.000976	0.106	0.00000757	1.43	2.42	0.0377	0.000238	6.95	0.00124	0.00896	0.000304	0.000147	0.000077	0.0906	0.00000215	0.0000845	0.000528	0.0015	0.0000506
2105 Apr	0.000238	0.000259	0.000977	0.106	0.00000757	1.43	2.42	0.0377	0.000239	6.96	0.00124	0.00897	0.000304	0.000147	0.000077	0.0906	0.00000215	0.0000846	0.000528	0.0015	0.0000506
2105 May	0.000239	0.00026	0.000978	0.106	0.00000758	1.43	2.43	0.0379	0.000239	6.96	0.00124	0.00898	0.000306	0.000147	0.0000772	0.0909	0.00000215	0.0000846	0.00053	0.00151	0.0000505
2105 Jun	0.000239	0.000261	0.000978	0.106	0.00000758	1.44	2.43	0.0381	0.000238	6.95	0.00124	0.00898	0.000307	0.000147	0.0000773	0.091	0.00000215	0.0000844	0.000532	0.00151	0.0000502
2105 Jul	0.000241	0.000262	0.000982	0.107	0.00000762	1.44	2.44	0.0382	0.000239	6.98	0.00125	0.00902	0.000309	0.000148	0.0000776	0.0914	0.00000216	0.0000848	0.000534	0.00151	0.0000504
2105 Aug	0.00024	0.000261	0.00098	0.107	0.00000762	1.44	2.44	0.0381	0.000239	6.96	0.00125	0.00901	0.000308	0.000148	0.0000774	0.0913	0.00000216	0.0000846	0.000533	0.00151	0.0000502
2105 Sep	0.000239	0.00026	0.000976	0.106	0.0000076	1.43	2.43	0.038	0.000239	6.93	0.00124	0.00898	0.000306	0.000147	0.0000771	0.0909	0.00000215	0.0000843	0.00053	0.0015	0.0000498
2105 Oct	0.000238	0.000259	0.000974	0.106	0.00000758	1.43	2.42	0.0378	0.000239	6.9	0.00124	0.00896	0.000305	0.000146	0.0000768	0.0906	0.00000214	0.000084	0.000528	0.0015	0.0000496
2105 Nov	0.000238	0.000259	0.000972	0.106	0.00000757	1.43	2.42	0.0378	0.000239	6.89	0.00124	0.00895	0.000304	0.000146	0.0000767	0.0905	0.00000214	0.0000839	0.000527	0.0015	0.0000495
2105 Dec	0.000238	0.000259	0.000972	0.106	0.00000757	1.43	2.42	0.0378	0.000239	6.89	0.00124	0.00895	0.000304	0.000146	0.0000767	0.0905	0.00000214	0.0000839	0.000527	0.0015	0.0000495
2106 Jan	0.000238	0.000259	0.000972	0.106	0.00000757	1.43	2.42	0.0378	0.000239	6.89	0.00124	0.00895	0.000304	0.000146	0.0000767	0.0905	0.00000214	0.0000839	0.000527	0.0015	0.0000495
2106 Feb	0.000238	0.000259	0.000973	0.106	0.00000757	1.43	2.42	0.0378	0.000239	6.89	0.00124	0.00895	0.000304	0.000146	0.0000767	0.0905	0.00000214	0.0000839	0.000527	0.0015	0.0000495
2106 Mar	0.000238	0.000259	0.000973	0.106	0.00000757	1.43	2.42	0.0378	0.000239	6.89	0.00124	0.00895	0.000305	0.000146	0.0000767	0.0905	0.00000214	0.0000839	0.000528	0.0015	0.0000495
2106 Apr	0.000238	0.000259	0.000973	0.106	0.00000758	1.43	2.42	0.0378	0.000239	6.9	0.00124	0.00895	0.000305	0.000146	0.0000767	0.0906	0.00000214	0.000084	0.000528	0.0015	0.0000495
2106 May	0.000239	0.00026	0.000975	0.106	0.00000759	1.43	2.42	0.0379	0.000239	6.91	0.00124	0.00897	0.000306	0.000146	0.0000769	0.0908	0.00000214	0.0000841	0.000529	0.0015	0.0000495
2106 Jun	0.000238	0.000259	0.000969	0.106	0.00000757	1.42	2.42	0.038	0.000238	6.85	0.00123	0.00893	0.000306	0.000146	0.0000766	0.0906	0.00000213	0.0000834	0.00053	0.00149	0.0000488
2106 Jul	0.000239	0.00026	0.000973	0.107	0.00000761	1.43	2.43	0.0381	0.000239	6.88	0.00124	0.00897	0.000307	0.000147	0.0000769	0.0909	0.00000214	0.0000837	0.000532	0.0015	0.0000489
2106 Aug	0.000239	0.00026	0.000974	0.107	0.00000762	1.43	2.43	0.0381	0.000239	6.88	0.00124	0.00898	0.000307	0.000147	0.0000769	0.0909	0.00000214	0.0000838	0.000531	0.0015	0.0000488
2106 Sep	0.000239	0.00026	0.000971	0.106	0.00000761	1.42	2.42	0.038	0.000239	6.85	0.00124	0.00896	0.000306	0.000146	0.0000767	0.0907	0.00000214	0.0000835	0.00053	0.0015	0.0000486
2106 Oct	0.000239	0.000259	0.00097	0.106	0.0000076	1.42	2.42	0.0379	0.000239	6.85	0.00123	0.00896	0.000306	0.000146	0.0000766	0.0906	0.00000213	0.0000835	0.000529	0.0015	0.0000485
2106 Nov	0.000239	0.000259	0.000971	0.106	0.00000761	1.42	2.42	0.0379	0.000239	6.85	0.00124	0.00896	0.000306	0.000146	0.0000766	0.0907	0.00000213	0.0000835	0.000529	0.0015	0.0000485
2106 Dec	0.000239	0.000259	0.000971	0.106	0.00000761	1.42	2.42	0.0379	0.000239	6.85	0.00124	0.00896	0.000306	0.000146	0.0000766	0.0907	0.00000213	0.0000835	0.000529	0.0015	0.0000485
2107 Jan	0.000239	0.000259	0.000971	0.106	0.00000761	1.42	2.42	0.0379	0.000239	6.85	0.00124	0.00896	0.000306	0.000146	0.0000766	0.0907	0.00000213	0.0000835	0.000529	0.0015	0.0000485
2107 Feb	0.000239	0.000259	0.000971	0.106	0.00000761	1.42	2.42	0.0379	0.000239	6.85	0.00124	0.00896	0.000306	0.000146	0.0000766	0.0907	0.00000213	0.0000835	0.000529	0.0015	0.0000485
2107 Mar	0.000239	0.000259	0.000971	0.106	0.00000761	1.42	2.42	0.0379	0.000239	6.85	0.00124	0.00896	0.000306	0.000146	0.0000766	0.0907	0.00000213	0.0000835	0.000529	0.0015	0.0000485
2107 Apr	0.000239	0.000259	0.000971	0.106	0.00000761	1.42	2.42	0.0379	0.000239	6.85	0.00124	0.00896	0.000306	0.000146	0.0000766	0.0907	0.00000213	0.0000835	0.000529	0.0015	0.0000485
2107 May	0.000239	0.00026	0.000972	0.107	0.00000762	1.43	2.42	0.038	0.000239	6.85	0.00124	0.00897	0.000307	0.000146	0.0000767	0.0908	0.00000213	0.0000835	0.00053	0.0015	0.0000484
2107 Jun	0.000239	0.000261	0.00097	0.107	0.00000761	1.42	2.42	0.0382	0.000239	6.83	0.00124	0.00896	0.000309	0.000146	0.0000767	0.091	0.00000213	0.0000833	0.000532	0.0015	0.0000481
2107 Jul	0.00024	0.000261	0.000973	0.107	0.00000764	1.43	2.43	0.0383	0.000239	6.85	0.00124	0.00899	0.000309	0.000146	0.0000769	0.0912	0.00000214	0.0000835	0.000534	0.0015	0.0000482
2107 Aug	0.000241	0.000263	0.000977	0.108	0.00000768	1.43	2.44	0.0385	0.00024	6.88	0.00124	0.00903	0.000311	0.000147	0.0000772	0.0916	0.00000215	0.0000838	0.000536	0.00151	0.0000483
2107 Sep	0.000241	0.000263	0.000978	0.108	0.00000768	1.44	2.44	0.0385	0.000241	6.88	0.00125	0.00904	0.000311	0.000147	0.0000773	0.0917	0.00000215	0.0000839	0.000536	0.00151	0.0000483
2107 Oct	0.000241	0.000262	0.000977	0.108	0.00000768	1.43	2.44	0.0384	0.000241	6.87	0.00124	0.00903	0.00031	0.000147	0.0000772	0.0915	0.00000214	0.0000838	0.000535	0.00151	0.0000482
2107 Nov	0.000241	0.000262	0.000977	0.108	0.00000768	1.43	2.44	0.0384	0.000241	6.87	0.00124	0.00903	0.00031	0.000147	0.0000771	0.0915	0.00000214	0.0000838	0.000535	0.00151	0.0000482
2107 Dec	0.000241	0.000262	0.000977	0.108	0.00000768	1.43	2.44	0.0384	0.000241	6.87	0.00124	0.00903	0.00031	0.000147	0.0000771	0.0915	0.00000214	0.0000838	0.000535	0.00151	0.0000482
2108 Jan	0.000241	0.000262	0.000977	0.108	0.00000768	1.43	2.44	0.0384	0.000241	6.87	0.00124	0.00903	0.00031	0.000147	0.0000771	0.0915	0.00000214	0.0000838	0.000535	0.00151	0.0000482
2108 Feb	0.000241	0.000262	0.000977	0.108	0.00000768	1.43	2.44	0.0384	0.000241	6.87	0.00124	0.00903	0.00031	0.000147	0.0000771	0.0915	0.00000214	0.0000838	0.000535	0.00151	0.0000482
2108 Mar	0.000241	0.000262	0.000977	0.108	0.00000768	1.43	2.44	0.0384	0.000241	6.87	0.00124	0.00903	0.00031	0.000147	0.0000771	0.0915	0.00000214	0.0000838	0.000535	0.00151	0.0000482
2108 Apr	0.000241	0.000262	0.000978	0.108	0.00000769	1.44	2.44	0.0384	0.000241	6.88	0.00125	0.00904	0.00031	0.000147	0.0000772	0.0916	0.00000215	0.0000839	0.000535	0.00151	0.0000483
2108 May	0.000242	0.000263	0.000981	0.108	0.0000077	1.44	2.45	0.0385	0.000242	6.89	0.00125	0.00906	0.000311	0.000147	0.0000774	0.0919	0.00000215	0.0000841	0.000537	0.00151	0.0000484
2108 Jun	0.000242	0.000263	0.000978	0.108	0.00000771	1.44	2.44	0.0385	0.000241	6.87	0.00125	0.00905	0.000311	0.000147	0.0000773	0.0917	0.00000215	0.0000838	0.000537	0.00151	0.000048
2108 Jul	0.000243	0.000264	0.000984	0.109	0.00000776	1.44	2.46	0.0387	0.000242	6.9	0.00125	0.00911	0.000313	0.000148	0.0000777	0.0922	0.00000216	0.0000843	0.00054	0.00152	0.0000482
2108 Aug	0.000245	0.000266	0.00099	0.109	0.0000078	1.45	2.47	0.039	0.000244	6.95	0.00126	0.00917	0.000315	0.000149	0.0000782	0.0928	0.00000217	0.0000848	0.000544	0.00153	0.0000485
2108 Sep	0.000245	0.000266	0.000991	0.109	0.00000781	1.45	2.47	0.039	0.000244	6.95	0.00126	0.00917	0.000315	0.000149	0.0000782	0.0929	0.00000218	0.0000849	0.000544	0.00153	0.0000485
2108 Oct	0.000244	0.000265	0.000986	0.109	0.00000778	1.45	2.46	0.0388	0.000244	6.91	0.00126	0.00914	0.000313	0.000148	0.0000778	0.0924	0.00000217	0.0000845	0.000541	0.00152	0.0000482
2108 Nov	0.000243	0.000264	0.000986	0.109	0.00000778	1.45	2.46	0.0387	0.000244	6.91	0.00126	0.00914	0.000312	0.000148	0.0000777	0.0924	0.00000216	0.0000845	0.00054	0.00152	0.0000481
2108 Dec	0.000243	0.000265	0.000986	0.109	0.00000778	1.45	2.46	0.0387	0.000244	6.91	0.00126	0.00914	0.000312	0.000148	0.0000777	0.0924	0.00000216	0.0000845	0.00054	0.00152	0.0000481
2109 Jan	0.000243	0.000265	0.000986	0.109	0.00000778	1.45	2.46	0.0387	0.000244	6.91	0.00126	0.00914	0.000312	0.000148	0.0000777	0.0924	0.00000216	0.0000845	0.00054	0.00152	0.0000481
2109 Feb	0.000243	0.000265	0.000986	0.109	0.00000778	1.45	2.46	0.0387	0.000244	6.91	0.00126	0.00914	0.000312	0.000148	0.0000777	0.0924	0.00000216	0.0000845	0.000541	0.00152	0.0000481
2109 Mar	0.000244	0.000265	0.000986	0.109	0.00000778	1.45	2.46	0.0387	0.000244	6.91	0.00126	0.00914	0.000313	0.000148	0.0000778	0.0924	0.00000216	0.0000845	0.000541	0.00152	0.0000482
2109 Apr	0.000244	0.000265	0.000987	0.109	0.00000779	1.45	2.46	0.0388	0.000244	6.92	0.00126	0.00914	0.000313	0.000148	0.0000778	0.0925	0.00000217	0.0000845	0.000541	0.00152	0.0000482
2109 May	0.000244	0.000266	0.000988	0.109	0.0000078	1.45	2.47	0.0389	0.000244	6.92	0.00126	0.00916	0.000314	0.000149	0.000078	0.0927	0.00000217	0.0000846	0.000543	0.00153	0.0000481
2109 Jun	0.000245	0.000267	0.000989	0.11	0.00000782	1.45	2.48	0.0392	0.000244	6.92	0.00126	0.00917	0.000317	0.000149	0.0000782	0.0931	0.00000217	0.0000845	0.000546	0.00153	0.0000479
2109 Jul	0.000246	0.000268	0.000992	0.11	0.00000785	1.46	2.48	0.0393	0.000245	6.94	0.00127	0.0092	0.000318	0.00015	0.0000784	0.0934	0.00000218	0.0000848	0.000548	0.00153	0.000048
2109 Aug	0.000247	0.000269	0.000996	0.111	0.00000788	1.46	2.49	0.0395	0.000246	6.97	0.00127	0.00924	0.000319	0.00015	0.0000787	0.0937	0.00000218	0.0000851	0.000549	0.00154	0.0000481
2109 Sep	0.000247	0.000268	0.000995	0.11	0.00000788	1.46	2.49	0.0394	0.000246	6.96	0.00127	0.00923	0.000318	0.00015	0.0000786	0.0936	0.00000218	0.000085	0.000548	0.00154	0.000048
2109 Oct	0.000245	0.000267	0.000991	0.11	0.00000785	1.45	2.48	0.0392	0.000246	6.92	0.00126	0.0092	0.000316	0.000149	0.0000782	0.0932	0.00000217	0.0000847	0.000546	0.00153	0.0000477
2109 Nov	0.000246	0.000267	0.000991	0.11	0.00000785	1.45	2.48	0.0392	0.000246	6.92	0.00126	0.00921	0.000316	0.000149	0.0000782	0.0932	0.00000217	0.0000847	0.000546	0.00153	0.0000477
2109 Dec	0.000246	0.000267	0.000991	0.11	0.00000785	1.45	2.48	0.0392	0.000246	6.92	0.00126	0.00921	0.000316	0.000149	0.0000782	0.0932	0.00000217	0.0000847	0.000546	0.00153	0.0000477
2110 Jan	0.000246	0.000267	0.000992	0.11	0.00000785	1.45	2.48	0.0392	0.000246	6.92	0.00126	0.00921	0.000316	0.000149	0.0000782	0.0932	0.00000217	0.0000847	0.000546	0.00153	0.0000477
2110 Feb	0.000246	0.000267	0.000992	0.11	0.00000785	1.45	2.48	0.0392	0.000246	6.92	0.00126	0.00921	0.000316	0.000149	0.0000782	0.0932	0.00000217	0.0000847	0.000546	0.00153	0.0000477
2110 Mar	0.000246	0.000267	0.000992	0.11	0.00000785	1.45	2.48	0.0392	0.000246	6.92	0.00126	0.00921	0.000316	0.000149	0.0000782	0.0932	0.00000217	0.0000847	0.000546	0.00153	0.0000477
2110 Apr	0.000246	0.000267	0.000992	0.11	0.00000786	1.45	2.48	0.0392	0.000246	6.93	0.00126	0.00921	0.000316	0.000149	0.0000782	0.0933	0.00000217	0.0000847	0.000546	0.00153	0.0000477

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2110 May	0.000246	0.000268	0.000993	0.11	0.00000787	1.46	2.49	0.0393	0.000246	6.93	0.00127	0.00922	0.000317	0.000149	0.0000784	0.0934	0.00000218	0.0000848	0.000547	0.00153	0.0000477
2110 Jun	0.000246	0.000268	0.000989	0.11	0.00000785	1.45	2.48	0.0394	0.000245	6.89	0.00126	0.00919	0.000318	0.000149	0.0000781	0.0933	0.00000216	0.0000842	0.000548	0.00153	0.000047
2110 Jul	0.000247	0.000269	0.000992	0.111	0.00000788	1.46	2.49	0.0395	0.000246	6.91	0.00127	0.00922	0.000319	0.000149	0.0000784	0.0936	0.00000217	0.0000845	0.00055	0.00153	0.0000471
2110 Aug	0.000245	0.000267	0.000988	0.11	0.00000786	1.45	2.48	0.0393	0.000245	6.87	0.00126	0.00919	0.000317	0.000149	0.000078	0.0932	0.00000216	0.0000841	0.000546	0.00153	0.0000467
2110 Sep	0.000244	0.000266	0.000982	0.11	0.00000783	1.44	2.46	0.039	0.000245	6.82	0.00125	0.00914	0.000315	0.000147	0.0000774	0.0926	0.00000215	0.0000836	0.000542	0.00152	0.0000462
2110 Oct	0.000243	0.000264	0.000977	0.109	0.0000078	1.43	2.45	0.0387	0.000244	6.78	0.00125	0.00911	0.000313	0.000146	0.000077	0.0921	0.00000214	0.0000831	0.000539	0.00151	0.0000458
2110 Nov	0.000242	0.000264	0.000976	0.109	0.00000779	1.43	2.44	0.0387	0.000244	6.77	0.00124	0.0091	0.000312	0.000146	0.0000768	0.092	0.00000214	0.000083	0.000538	0.00151	0.0000457
2110 Dec	0.000242	0.000264	0.000976	0.109	0.00000779	1.43	2.44	0.0387	0.000244	6.77	0.00124	0.0091	0.000312	0.000146	0.0000768	0.092	0.00000214	0.000083	0.000538	0.00151	0.0000457
2111 Jan	0.000242	0.000264	0.000976	0.109	0.00000779	1.43	2.44	0.0387	0.000244	6.77	0.00124	0.0091	0.000312	0.000146	0.0000768	0.092	0.00000214	0.000083	0.000538	0.00151	0.0000457
2111 Feb	0.000242	0.000264	0.000976	0.109	0.00000779	1.43	2.44	0.0387	0.000244	6.77	0.00124	0.0091	0.000312	0.000146	0.0000768	0.092	0.00000214	0.000083	0.000538	0.00151	0.0000457
2111 Mar	0.000242	0.000264	0.000976	0.109	0.00000779	1.43	2.44	0.0387	0.000244	6.77	0.00124	0.0091	0.000312	0.000146	0.0000769	0.0921	0.00000214	0.0000831	0.000538	0.00151	0.0000457
2111 Apr	0.000243	0.000264	0.000977	0.109	0.0000078	1.43	2.45	0.0387	0.000245	6.77	0.00125	0.00911	0.000313	0.000146	0.0000769	0.0921	0.00000214	0.0000831	0.000539	0.00151	0.0000457
2111 May	0.000243	0.000265	0.000979	0.109	0.00000781	1.43	2.45	0.0389	0.000245	6.78	0.00125	0.00912	0.000314	0.000146	0.0000771	0.0924	0.00000214	0.0000832	0.00054	0.00151	0.0000457
2111 Jun	0.000244	0.000266	0.000976	0.11	0.0000078	1.43	2.45	0.0391	0.000244	6.76	0.00125	0.00911	0.000316	0.000146	0.0000771	0.0925	0.00000213	0.0000828	0.000542	0.00151	0.0000452
2111 Jul	0.000245	0.000267	0.000982	0.11	0.00000785	1.44	2.47	0.0393	0.000245	6.8	0.00125	0.00917	0.000318	0.000147	0.0000775	0.093	0.00000215	0.0000833	0.000546	0.00152	0.0000455
2111 Aug	0.000245	0.000267	0.000981	0.11	0.00000785	1.44	2.46	0.0392	0.000245	6.78	0.00125	0.00916	0.000317	0.000147	0.0000774	0.0929	0.00000214	0.0000832	0.000544	0.00152	0.0000453
2111 Sep	0.000244	0.000266	0.00098	0.11	0.00000785	1.44	2.46	0.0392	0.000246	6.77	0.00125	0.00915	0.000316	0.000147	0.0000773	0.0928	0.00000214	0.0000831	0.000544	0.00151	0.0000452
2111 Oct	0.000244	0.000265	0.000977	0.11	0.00000783	1.43	2.45	0.039	0.000245	6.75	0.00125	0.00913	0.000315	0.000146	0.000077	0.0925	0.00000213	0.0000828	0.000541	0.00151	0.0000449
2111 Nov	0.000243	0.000265	0.000975	0.11	0.00000782	1.43	2.45	0.0389	0.000245	6.73	0.00124	0.00911	0.000314	0.000146	0.0000768	0.0923	0.00000213	0.0000827	0.00054	0.0015	0.0000448
2111 Dec	0.000243	0.000265	0.000975	0.11	0.00000782	1.43	2.45	0.0389	0.000245	6.73	0.00124	0.00911	0.000314	0.000146	0.0000768	0.0923	0.00000213	0.0000827	0.00054	0.0015	0.0000448
2112 Jan	0.000243	0.000265	0.000975	0.11	0.00000782	1.43	2.45	0.0389	0.000245	6.73	0.00124	0.00911	0.000314	0.000146	0.0000768	0.0923	0.00000213	0.0000827	0.00054	0.0015	0.0000448
2112 Feb	0.000243	0.000265	0.000975	0.11	0.00000782	1.43	2.45	0.0389	0.000245	6.73	0.00124	0.00911	0.000314	0.000146	0.0000768	0.0923	0.00000213	0.0000827	0.00054	0.0015	0.0000448
2112 Mar	0.000243	0.000265	0.000975	0.11	0.00000782	1.43	2.45	0.0389	0.000245	6.73	0.00124	0.00911	0.000314	0.000146	0.0000768	0.0923	0.00000213	0.0000827	0.00054	0.0015	0.0000448
2112 Apr	0.000243	0.000265	0.000976	0.11	0.00000783	1.43	2.45	0.0389	0.000245	6.73	0.00124	0.00912	0.000314	0.000146	0.0000769	0.0924	0.00000213	0.0000827	0.00054	0.00151	0.0000448
2112 May	0.000244	0.000266	0.000977	0.11	0.00000784	1.43	2.46	0.0391	0.000246	6.74	0.00125	0.00913	0.000316	0.000146	0.000077	0.0926	0.00000213	0.0000828	0.000542	0.00151	0.0000447
2112 Jun	0.000243	0.000265	0.000968	0.11	0.00000778	1.42	2.44	0.0391	0.000243	6.66	0.00124	0.00906	0.000316	0.000145	0.0000765	0.0921	0.00000211	0.0000818	0.000541	0.0015	0.0000438
2112 Jul	0.000243	0.000266	0.00097	0.11	0.0000078	1.42	2.45	0.0391	0.000243	6.67	0.00124	0.00908	0.000316	0.000145	0.0000766	0.0923	0.00000211	0.0000819	0.000542	0.0015	0.0000438
2112 Aug	0.000244	0.000267	0.000974	0.11	0.00000783	1.43	2.45	0.0393	0.000244	6.69	0.00124	0.00911	0.000318	0.000146	0.0000769	0.0926	0.00000212	0.0000822	0.000544	0.00151	0.0000439
2112 Sep	0.000244	0.000266	0.000973	0.11	0.00000784	1.43	2.45	0.0392	0.000245	6.69	0.00124	0.00911	0.000317	0.000146	0.0000768	0.0926	0.00000212	0.0000822	0.000544	0.0015	0.0000439
2112 Oct	0.000244	0.000266	0.000972	0.11	0.00000783	1.43	2.45	0.0392	0.000245	6.68	0.00124	0.00911	0.000317	0.000146	0.0000767	0.0925	0.00000212	0.0000821	0.000543	0.0015	0.0000438
2112 Nov	0.000244	0.000266	0.000973	0.11	0.00000783	1.43	2.45	0.0392	0.000245	6.68	0.00124	0.00911	0.000317	0.000146	0.0000767	0.0925	0.00000212	0.0000821	0.000543	0.0015	0.0000438
2112 Dec	0.000244	0.000266	0.000973	0.11	0.00000783	1.43	2.45	0.0392	0.000245	6.68	0.00124	0.00911	0.000317	0.000146	0.0000767	0.0925	0.00000212	0.0000821	0.000543	0.0015	0.0000438
2113 Jan	0.000244	0.000266	0.000973	0.11	0.00000783	1.43	2.45	0.0392	0.000245	6.68	0.00124	0.00911	0.000317	0.000146	0.0000767	0.0925	0.00000212	0.0000821	0.000543	0.0015	0.0000438
2113 Feb	0.000244	0.000266	0.000973	0.11	0.00000783	1.43	2.45	0.0392	0.000245	6.68	0.00124	0.00911	0.000317	0.000146	0.0000767	0.0925	0.00000212	0.0000821	0.000543	0.0015	0.0000438
2113 Mar	0.000244	0.000266	0.000973	0.11	0.00000783	1.43	2.45	0.0392	0.000245	6.69	0.00124	0.00911	0.000317	0.000146	0.0000768	0.0925	0.00000212	0.0000822	0.000543	0.0015	0.0000438
2113 Apr	0.000244	0.000266	0.000974	0.11	0.00000784	1.43	2.45	0.0392	0.000245	6.69	0.00124	0.00912	0.000317	0.000146	0.0000768	0.0926	0.00000212	0.0000822	0.000543	0.0015	0.0000438
2113 May	0.000245	0.000267	0.000975	0.111	0.00000785	1.43	2.46	0.0394	0.000245	6.7	0.00125	0.00913	0.000318	0.000146	0.000077	0.0929	0.00000212	0.0000823	0.000545	0.00151	0.0000438
2113 Jun	0.000245	0.000268	0.000973	0.111	0.00000784	1.43	2.46	0.0395	0.000244	6.67	0.00124	0.00911	0.00032	0.000146	0.0000769	0.0929	0.00000212	0.0000819	0.000547	0.0015	0.0000434
2113 Jul	0.000246	0.000269	0.000977	0.111	0.00000788	1.43	2.47	0.0397	0.000245	6.7	0.00125	0.00915	0.000321	0.000147	0.0000772	0.0932	0.00000212	0.0000823	0.000549	0.00151	0.0000435
2113 Aug	0.000246	0.00027	0.00098	0.112	0.0000079	1.44	2.48	0.0398	0.000246	6.72	0.00125	0.00918	0.000322	0.000147	0.0000774	0.0935	0.00000213	0.0000825	0.00055	0.00151	0.0000436
2113 Sep	0.000246	0.000269	0.000979	0.111	0.0000079	1.44	2.47	0.0397	0.000246	6.71	0.00125	0.00917	0.000321	0.000147	0.0000773	0.0934	0.00000213	0.0000824	0.000549	0.00151	0.0000435
2113 Oct	0.000245	0.000267	0.000973	0.111	0.00000786	1.43	2.46	0.0394	0.000246	6.66	0.00124	0.00913	0.000319	0.000145	0.0000768	0.0928	0.00000212	0.0000819	0.000545	0.0015	0.0000431
2113 Nov	0.000244	0.000267	0.000972	0.111	0.00000786	1.43	2.45	0.0394	0.000246	6.65	0.00124	0.00912	0.000318	0.000145	0.0000767	0.0928	0.00000211	0.0000819	0.000544	0.0015	0.000043
2113 Dec	0.000244	0.000267	0.000972	0.111	0.00000786	1.43	2.45	0.0394	0.000246	6.65	0.00124	0.00912	0.000318	0.000145	0.0000767	0.0928	0.00000211	0.0000819	0.000545	0.0015	0.000043
2114 Jan	0.000244	0.000267	0.000972	0.111	0.00000786	1.43	2.45	0.0394	0.000246	6.65	0.00124	0.00912	0.000318	0.000145	0.0000767	0.0928	0.00000211	0.0000819	0.000545	0.0015	0.000043
2114 Feb	0.000244	0.000267	0.000972	0.111	0.00000786	1.43	2.45	0.0394	0.000246	6.65	0.00124	0.00912	0.000318	0.000145	0.0000767	0.0928	0.00000211	0.0000819	0.000545	0.0015	0.000043
2114 Mar	0.000244	0.000267	0.000973	0.111	0.00000786	1.43	2.46	0.0394	0.000246	6.65	0.00124	0.00913	0.000318	0.000145	0.0000767	0.0928	0.00000212	0.0000819	0.000545	0.0015	0.000043
2114 Apr	0.000244	0.000267	0.000973	0.111	0.00000786	1.43	2.46	0.0394	0.000246	6.66	0.00124	0.00913	0.000319	0.000145	0.0000768	0.0928	0.00000212	0.0000819	0.000545	0.0015	0.000043
2114 May	0.000245	0.000268	0.000973	0.111	0.00000787	1.43	2.46	0.0395	0.000246	6.65	0.00124	0.00913	0.00032	0.000145	0.0000768	0.093	0.00000212	0.0000819	0.000546	0.0015	0.0000429
2114 Jun	0.000246	0.000269	0.000975	0.111	0.00000788	1.43	2.47	0.0398	0.000246	6.66	0.00125	0.00915	0.000322	0.000146	0.0000771	0.0933	0.00000212	0.0000819	0.000549	0.00151	0.0000427
2114 Jul	0.000247	0.000271	0.000982	0.112	0.00000794	1.44	2.49	0.0401	0.000247	6.7	0.00126	0.00922	0.000324	0.000147	0.0000776	0.094	0.00000213	0.0000825	0.000553	0.00152	0.000043
2114 Aug	0.000249	0.000273	0.000988	0.113	0.00000799	1.45	2.5	0.0403	0.000249	6.75	0.00126	0.00927	0.000326	0.000148	0.0000781	0.0946	0.00000214	0.000083	0.000556	0.00153	0.0000433
2114 Sep	0.000249	0.000272	0.000986	0.113	0.00000798	1.45	2.5	0.0402	0.000249	6.73	0.00126	0.00926	0.000325	0.000147	0.0000779	0.0944	0.00000214	0.0000828	0.000555	0.00152	0.0000431
2114 Oct	0.000248	0.000271	0.000983	0.112	0.00000796	1.44	2.49	0.04	0.000249	6.71	0.00126	0.00924	0.000324	0.000147	0.0000776	0.0941	0.00000213	0.0000826	0.000553	0.00152	0.0000429
2114 Nov	0.000247	0.00027	0.000981	0.112	0.00000795	1.44	2.48	0.0399	0.000249	6.69	0.00125	0.00922	0.000323	0.000146	0.0000773	0.0938	0.00000213	0.0000824	0.000551	0.00151	0.0000427
2114 Dec	0.000247	0.00027	0.00098	0.112	0.00000795	1.44	2.48	0.0399	0.000249	6.68	0.00125	0.00922	0.000323	0.000146	0.0000773	0.0938	0.00000213	0.0000824	0.000551	0.00151	0.0000427
2115 Jan	0.000247	0.00027	0.000981	0.112	0.00000795	1.44	2.48	0.0399	0.000249	6.68	0.00125	0.00922	0.000323	0.000146	0.0000773	0.0938	0.00000213	0.0000824	0.000551	0.00151	0.0000427
2115 Feb	0.000247	0.00027	0.000981	0.112	0.00000795	1.44	2.48	0.0399	0.000249	6.68	0.00125	0.00922	0.000323	0.000146	0.0000773	0.0938	0.00000213	0.0000824	0.000551	0.00151	0.0000427
2115 Mar	0.000247	0.00027	0.000981	0.112	0.00000795	1.44	2.48	0.0399	0.000249	6.69	0.00125	0.00922	0.000323	0.000146	0.0000773	0.0938	0.00000213	0.0000824	0.000551	0.00151	0.0000427
2115 Apr	0.000247	0.00027	0.000981	0.112	0.00000795	1.44	2.48	0.0399	0.000249	6.69	0.00125	0.00922	0.000323	0.000146	0.0000774	0.0939	0.00000213	0.0000824	0.000551	0.00151	0.0000427
2115 May	0.000248	0.000271	0.000982	0.112	0.00000796	1.44	2.49	0.0401	0.000249	6.69	0.00126	0.00923	0.000324	0.000146	0.0000775	0.0941	0.00000213	0.0000824	0.000553	0.00151	0.0000426
2115 Jun	0.000249	0.000273	0.000986	0.113	0.00000799	1.45	2.5	0.0404	0.00025	6.71	0.00126	0.00927	0.000327	0.000147	0.0000779	0.0946	0.00000214	0.0000826	0.000556	0.00152	0.0000426
2115 Jul	0.00025	0.000275	0.000991	0.114	0.00000804	1.45	2.51	0.0406	0.000251	6.75	0.00127	0.00932	0.000328	0.000148	0.0000783	0.0951	0.00000215	0.0000831	0.000559	0.00153	0.0000428
2115 Aug	0.00025	0.000274	0.000989	0.113	0.00000803	1.45	2.51	0.0405	0.000251	6.73	0.00127	0.0093	0.000327	0.000147	0.0000781	0.0949	0.00000214	0.0000829	0.000558	0.00153	0.0000427
2115 Sep	0.00025	0.000274	0.000989	0.114	0.00000803	1.45	2.51	0.0405	0.000251	6.73	0.00127	0.00931	0.000327	0.000147	0.0000781	0.0949	0.00000215	0.0000829	0.000557	0.00153	0.0000426

Appendix C.3-1: WN Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000101	0.000104	0.000832	0.0219	0.0000019	1.18	1.53	0.00853	0.00016	6.65	0.000887	0.00481	0.000061	0.0000842	0.0000623	0.0466	0.000002	0.0000818	0.000127	0.000901	0.0000397
Post Closure (2039-2048): Mean	0.000188	0.000196	0.000919	0.0747	0.00000567	1.33	2.06	0.0261	0.000208	7.63	0.00111	0.00752	0.000208	0.000127	0.000071	0.0734	0.00000211	0.0000891	0.000379	0.00132	0.0000776
Post Closure (2039-2048): Max	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	9.18	0.00129	0.00948	0.000342	0.00015	0.0000795	0.0978	0.0000022	0.0000991	0.000578	0.00154	0.00013
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2115 Oct	0.00025	0.000274	0.000989	0.113	0.00000804	1.45	2.51	0.0404	0.000251	6.73	0.00126	0.00931	0.000327	0.000147	0.0000781	0.0949	0.00000215	0.0000829	0.000557	0.00153	0.0000426
2115 Nov	0.000249	0.000273	0.000988	0.113	0.00000803	1.45	2.5	0.0404	0.000251	6.72	0.00126	0.0093	0.000327	0.000147	0.000078	0.0948	0.00000214	0.0000828	0.000556	0.00152	0.0000425
2115 Dec	0.000249	0.000273	0.000988	0.113	0.00000803	1.45	2.5	0.0404	0.000251	6.72	0.00126	0.0093	0.000327	0.000147	0.000078	0.0948	0.00000214	0.0000828	0.000556	0.00152	0.0000425
2116 Jan	0.000249	0.000273	0.000988	0.113	0.00000803	1.45	2.5	0.0404	0.000251	6.72	0.00126	0.0093	0.000327	0.000147	0.000078	0.0948	0.00000214	0.0000828	0.000556	0.00152	0.0000425
2116 Feb	0.000249	0.000273	0.000988	0.113	0.00000803	1.45	2.5	0.0404	0.000251	6.72	0.00126	0.0093	0.000327	0.000147	0.000078	0.0948	0.00000214	0.0000828	0.000556	0.00152	0.0000425
2116 Mar	0.00025	0.000273	0.000988	0.113	0.00000803	1.45	2.5	0.0404	0.000251	6.72	0.00126	0.0093	0.000327	0.000147	0.000078	0.0948	0.00000214	0.0000828	0.000556	0.00152	0.0000425
2116 Apr	0.00025	0.000273	0.000989	0.113	0.00000804	1.45	2.51	0.0404	0.000252	6.72	0.00126	0.00931	0.000327	0.000147	0.000078	0.0948	0.00000214	0.0000829	0.000557	0.00152	0.0000425
2116 May	0.00025	0.000274	0.00099	0.114	0.00000805	1.45	2.51	0.0406	0.000252	6.73	0.00127	0.00932	0.000328	0.000147	0.0000782	0.0951	0.00000215	0.0000829	0.000559	0.00153	0.0000425
2116 Jun	0.000249	0.000274	0.000984	0.114	0.000008	1.44	2.5	0.0406	0.000249	6.67	0.00126	0.00926	0.000329	0.000147	0.0000778	0.0948	0.00000213	0.0000822	0.000558	0.00152	0.0000417
2116 Jul	0.000251	0.000276	0.000989	0.114	0.00000805	1.45	2.52	0.0409	0.000251	6.71	0.00127	0.00932	0.000331	0.000148	0.0000783	0.0953	0.00000214	0.0000826	0.000562	0.00153	0.0000419
2116 Aug	0.000252	0.000277	0.000994	0.115	0.00000809	1.46	2.53	0.041	0.000252	6.74	0.00127	0.00936	0.000332	0.000148	0.0000786	0.0958	0.00000215	0.000083	0.000564	0.00153	0.0000421
2116 Sep	0.000251	0.000276	0.000991	0.114	0.00000807	1.45	2.52	0.0409	0.000252	6.71	0.00127	0.00934	0.000331	0.000148	0.0000783	0.0955	0.00000214	0.0000828	0.000562	0.00153	0.0000419
2116 Oct	0.00025	0.000275	0.000988	0.114	0.00000805	1.45	2.51	0.0407	0.000252	6.69	0.00126	0.00931	0.000329	0.000147	0.000078	0.0951	0.00000214	0.0000825	0.000559	0.00152	0.0000416
2116 Nov	0.00025	0.000275	0.000988	0.114	0.00000806	1.45	2.51	0.0407	0.000252	6.68	0.00126	0.00931	0.000329	0.000147	0.000078	0.0951	0.00000214	0.0000825	0.000559	0.00152	0.0000416
2116 Dec	0.00025	0.000275	0.000988	0.114	0.00000806	1.45	2.51	0.0407	0.000252	6.68	0.00126	0.00932	0.000329	0.000147	0.000078	0.0951	0.00000214	0.0000825	0.000559	0.00152	0.0000416
2117 Jan	0.00025	0.000275	0.000988	0.114	0.00000806	1.45	2.51	0.0407	0.000252	6.68	0.00126	0.00932	0.000329	0.000147	0.000078	0.0951	0.00000214	0.0000825	0.000559	0.00152	0.0000416
2117 Feb	0.00025	0.000275	0.000988	0.114	0.00000806	1.45	2.51	0.0407	0.000252	6.68	0.00126	0.00932	0.000329	0.000147	0.000078	0.0951	0.00000214	0.0000825	0.000559	0.00152	0.0000416
2117 Mar	0.00025	0.000275	0.000988	0.114	0.00000806	1.45	2.51	0.0407	0.000252	6.69	0.00126	0.00932	0.000329	0.000147	0.000078	0.0951	0.00000214	0.0000825	0.000559	0.00152	0.0000416
2117 Apr	0.000251	0.000275	0.000989	0.114	0.00000806	1.45	2.51	0.0407	0.000252	6.69	0.00126	0.00932	0.000329	0.000147	0.0000781	0.0952	0.00000214	0.0000826	0.00056	0.00152	0.0000416
2117 May	0.000251	0.000276	0.00099	0.114	0.00000808	1.45	2.52	0.0409	0.000253	6.7	0.00127	0.00934	0.000331	0.000147	0.0000782	0.0954	0.00000214	0.0000827	0.000562	0.00153	0.0000416
2117 Jun	0.000252	0.000277	0.000992	0.115	0.00000809	1.46	2.53	0.0411	0.000253	6.7	0.00127	0.00935	0.000333	0.000148	0.0000784	0.0958	0.00000214	0.0000827	0.000564	0.00153	0.0000414
2117 Jul	0.000254	0.000279	0.000998	0.116	0.00000814	1.47	2.54	0.0413	0.000254	6.74	0.00128	0.00941	0.000335	0.000149	0.0000789	0.0964	0.00000216	0.0000832	0.000568	0.00154	0.0000417
2117 Aug	0.000254	0.00028	0.001	0.116	0.00000817	1.47	2.55	0.0414	0.000255	6.76	0.00128	0.00944	0.000336	0.000149	0.0000791	0.0966	0.00000216	0.0000834	0.000569	0.00154	0.0000418
2117 Sep	0.000255	0.00028	0.001	0.116	0.00000818	1.47	2.55	0.0415	0.000256	6.77	0.00128	0.00946	0.000336	0.000149	0.0000792	0.0968	0.00000216	0.0000835	0.00057	0.00154	0.0000418
2117 Oct	0.000254	0.000279	0.001	0.116	0.00000818	1.47	2.55	0.0414	0.000256	6.76	0.00128	0.00945	0.000335	0.000149	0.0000791	0.0966	0.00000216	0.0000835	0.000569	0.00154	0.0000417
2117 Nov	0.000254	0.000279	0.001	0.116	0.00000817	1.47	2.55	0.0414	0.000256	6.76	0.00128	0.00944	0.000335	0.000149	0.0000791	0.0966	0.00000216	0.0000834	0.000568	0.00154	0.0000417
2117 Dec	0.000254	0.000279	0.001	0.116	0.00000817	1.47	2.55	0.0414	0.000256	6.76	0.00128	0.00944	0.000335	0.000149	0.0000791	0.0966	0.00000216	0.0000834	0.000568	0.00154	0.0000417
2118 Jan	0.000254	0.000279	0.001	0.116	0.00000817	1.47	2.55	0.0414	0.000256	6.76	0.00128	0.00944	0.000335	0.000149	0.0000791	0.0966	0.00000216	0.0000834	0.000568	0.00154	0.0000417
2118 Feb	0.000254	0.000279	0.001	0.116	0.00000817	1.47	2.55	0.0414	0.000256	6.76	0.00128	0.00944	0.000335	0.000149	0.0000791	0.0966	0.00000216	0.0000834	0.000568	0.00154	0.0000417
2118 Mar	0.000254	0.000279	0.001	0.116	0.00000817	1.47	2.55	0.0414	0.000256	6.76	0.00128	0.00944	0.000335	0.000149	0.0000791	0.0966	0.00000216	0.0000834	0.000568	0.00154	0.0000417
2118 Apr	0.000254	0.00028	0.001	0.116	0.00000818	1.47	2.55	0.0414	0.000256	6.76	0.00128	0.00945	0.000335	0.000149	0.0000791	0.0967	0.00000216	0.0000835	0.000569	0.00154	0.0000417
2118 May	0.000255	0.000281	0.001	0.116	0.00000818	1.47	2.56	0.0417	0.000255	6.76	0.00128	0.00945	0.000337	0.000149	0.0000792	0.0969	0.00000216	0.0000833	0.000571	0.00154	0.0000415
2118 Jun	0.000254	0.000281	0.000996	0.116	0.00000814	1.46	2.55	0.0417	0.000254	6.71	0.00128	0.0094	0.000338	0.000148	0.0000789	0.0967	0.00000214	0.0000827	0.000571	0.00153	0.0000409
2118 Jul	0.000256	0.000283	0.001	0.117	0.0000082	1.47	2.57	0.042	0.000255	6.76	0.00129	0.00947	0.000341	0.000149	0.0000795	0.0974	0.00000216	0.0000833	0.000575	0.00154	0.0000411
2118 Aug	0.000256	0.000283	0.001	0.117	0.00000821	1.47	2.57	0.042	0.000256	6.75	0.00129	0.00947	0.00034	0.000149	0.0000795	0.0974	0.00000216	0.0000833	0.000575	0.00154	0.0000411
2118 Sep	0.000255	0.000281	0.000998	0.116	0.00000817	1.47	2.55	0.0417	0.000255	6.71	0.00128	0.00943	0.000338	0.000148	0.000079	0.0968	0.00000215	0.0000828	0.000571	0.00154	0.0000407
2118 Oct	0.000254	0.00028	0.000995	0.116	0.00000815	1.46	2.54	0.0415	0.000255	6.69	0.00127	0.00941	0.000336	0.000148	0.0000787	0.0965	0.00000214	0.0000826	0.000569	0.00153	0.0000405
2118 Nov	0.000254	0.00028	0.000994	0.116	0.00000815	1.46	2.54	0.0415	0.000255	6.68	0.00127	0.0094	0.000336	0.000147	0.0000786	0.0964	0.00000214	0.0000825	0.000568	0.00153	0.0000404
2118 Dec	0.000254	0.00028	0.000994	0.116	0.00000815	1.46	2.54	0.0415	0.000255	6.68	0.00127	0.0094	0.000336	0.000147	0.0000786	0.0965	0.00000214	0.0000825	0.000568	0.00153	0.0000404
2119 Jan	0.000254	0.00028	0.000994	0.116	0.00000815	1.46	2.54	0.0415	0.000255	6.68	0.00127	0.0094	0.000336	0.000147	0.0000786	0.0965	0.00000214	0.0000825	0.000568	0.00153	0.0000404
2119 Feb	0.000254	0.00028	0.000994	0.116	0.00000815	1.46	2.54	0.0415	0.000255	6.68	0.00127	0.0094	0.000336	0.000147	0.0000786	0.0965	0.00000214	0.0000825	0.000568	0.00153	0.0000404
2119 Mar	0.000254	0.00028	0.000994	0.116	0.00000815	1.46	2.54	0.0415	0.000255	6.68	0.00127	0.0094	0.000336	0.000147	0.0000786	0.0965	0.00000214	0.0000825	0.000568	0.00153	0.0000404
2119 Apr	0.000254	0.00028	0.000996	0.116	0.00000816	1.46	2.55	0.0416	0.000255	6.69	0.00128	0.00941	0.000337	0.000148	0.0000787	0.0967	0.00000214	0.0000826	0.00057	0.00153	0.0000404
2119 May	0.000255	0.000282	0.000995	0.117	0.00000815	1.46	2.56	0.042	0.000255	6.68	0.00128	0.0094	0.000339	0.000148	0.0000787	0.097	0.00000213	0.0000823	0.000573	0.00153	0.00004
2119 Jun	0.000255	0.000282	0.000993	0.117	0.00000814	1.46	2.55	0.042	0.000254	6.66	0.00127	0.00939	0.000339	0.000147	0.0000786	0.097	0.00000213	0.0000821	0.000573	0.00153	0.0000398
2119 Jul	0.000256	0.000284	0.000999	0.118	0.00000819	1.47	2.57	0.0423	0.000255	6.7	0.00128	0.00945	0.000341	0.000148	0.0000791	0.0976	0.00000214	0.0000826	0.000577	0.00154	0.00004
2119 Aug	0.000257	0.000285	0.001	0.118	0.00000822	1.47	2.58	0.0424	0.000256	6.72	0.00129	0.00948	0.000342	0.000149	0.0000793	0.0978	0.00000215	0.0000829	0.000578	0.00154	0.0000401
2119 Sep	0.000256	0.000284	0.001	0.118	0.00000821	1.47	2.57	0.0423	0.000256	6.7	0.00128	0.00946	0.000341	0.000148	0.0000791	0.0976	0.00000215	0.0000827	0.000576	0.00154	0.0000399
2119 Oct	0.000256	0.000283	0.000997	0.117	0.00000819	1.47	2.56	0.0421	0.000256	6.68	0.00128	0.00944	0.00034	0.000148	0.0000789	0.0973	0.00000214	0.0000825	0.000574	0.00153	0.0000397
2119 Nov	0.000255	0.000283	0.000996	0.117	0.00000818	1.46	2.56	0.0421	0.000256	6.67	0.00128	0.00943	0.000339	0.000147	0.0000788	0.0972	0.00000214	0.0000824	0.000574	0.00153	0.0000397
2119 Dec	0.000256	0.000283	0.000996	0.117	0.00000818	1.46	2.56	0.0421	0.000256	6.67	0.00128	0.00943	0.000339	0.000147	0.0000788	0.0972	0.00000214	0.0000824	0.000574	0.00153	0.0000397

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
Model Predictions (2039-2119)																	
2039 Jan	75.7	0.0516	0.0649	0.00294	33.4	0.0336	11.6	0.00088	0.00088	0.00000462	0.00294	0.00051	0.0205	0.00788	0.00000478	7.91	0.00000715
2039 Feb	75.7	0.0516	0.0649	0.00294	33.4	0.0336	11.6	0.00088	0.00088	0.00000462	0.00294	0.00051	0.0205	0.00788	0.00000478	7.91	0.00000715
2039 Mar	75.7	0.0516	0.0649	0.00294	33.4	0.0336	11.6	0.00088	0.00088	0.00000462	0.00294	0.00051	0.0205	0.00788	0.00000478	7.91	0.00000715
2039 Apr	75.7	0.0516	0.0649	0.00294	33.4	0.0336	11.6	0.00088	0.00088	0.00000462	0.00294	0.00051	0.0205	0.00788	0.00000478	7.91	0.00000715
2039 May	75.8	0.0516	0.065	0.00294	33.4	0.0336	11.6	0.000881	0.000881	0.00000462	0.00294	0.000511	0.0205	0.00789	0.00000479	7.92	0.00000715
2039 Jun	75.5	0.0514	0.0646	0.00293	33.3	0.0335	11.6	0.00088	0.00088	0.00000462	0.00294	0.00051	0.0204	0.00789	0.00000478	7.91	0.00000716
2039 Jul	75.1	0.0511	0.0643	0.00291	33.1	0.0334	11.5	0.000879	0.000879	0.00000461	0.00294	0.000509	0.0203	0.0079	0.00000477	7.91	0.00000715
2039 Aug	75.2	0.0511	0.0643	0.00292	33.1	0.0335	11.5	0.00088	0.00088	0.00000462	0.00295	0.00051	0.0203	0.00791	0.00000478	7.92	0.00000716
2039 Sep	75.2	0.0512	0.0643	0.00292	33.1	0.0335	11.5	0.000881	0.000881	0.00000462	0.00295	0.00051	0.0204	0.00792	0.00000478	7.93	0.00000717
2039 Oct	75.2	0.0512	0.0643	0.00292	33.1	0.0335	11.5	0.000881	0.000881	0.00000462	0.00295	0.00051	0.0204	0.00792	0.00000478	7.93	0.00000717
2039 Nov	75.2	0.0512	0.0643	0.00292	33.1	0.0335	11.5	0.000881	0.000881	0.00000462	0.00295	0.00051	0.0204	0.00792	0.00000478	7.93	0.00000717
2039 Dec	75.2	0.0512	0.0643	0.00292	33.1	0.0335	11.5	0.000881	0.000881	0.00000462	0.00295	0.00051	0.0204	0.00792	0.00000478	7.93	0.00000717
2040 Jan	75.2	0.0512	0.0643	0.00292	33.1	0.0335	11.5	0.000881	0.000881	0.00000462	0.00295	0.00051	0.0204	0.00792	0.00000478	7.93	0.00000717
2040 Feb	75.2	0.0512	0.0643	0.00292	33.1	0.0335	11.5	0.000881	0.000881	0.00000462	0.00295	0.00051	0.0204	0.00792	0.00000478	7.93	0.00000717
2040 Mar	75.2	0.0512	0.0643	0.00292	33.1	0.0335	11.5	0.000881	0.000881	0.00000462	0.00295	0.00051	0.0204	0.00792	0.00000478	7.93	0.00000717
2040 Apr	75.2	0.0512	0.0643	0.00292	33.1	0.0335	11.5	0.000881	0.000881	0.00000462	0.00295	0.00051	0.0204	0.00792	0.00000478	7.93	0.00000717
2040 May	75.3	0.0512	0.0644	0.00292	33.2	0.0335	11.5	0.000882	0.000882	0.00000463	0.00295	0.000511	0.0204	0.00792	0.00000479	7.93	0.00000717
2040 Jun	75.1	0.0516	0.0649	0.00292	33	0.0335	11.5	0.000881	0.000881	0.00000462	0.00296	0.000514	0.0204	0.00797	0.00000478	7.96	0.0000072
2040 Jul	75.2	0.0519	0.0653	0.00293	33	0.0335	11.5	0.000883	0.000882	0.00000463	0.00297	0.000516	0.0204	0.00799	0.00000479	7.98	0.00000722
2040 Aug	75.3	0.0519	0.0653	0.00293	33.1	0.0336	11.5	0.000884	0.000883	0.00000463	0.00297	0.000516	0.0204	0.008	0.0000048	7.99	0.00000723
2040 Sep	75.3	0.0519	0.0654	0.00293	33.1	0.0336	11.5	0.000884	0.000884	0.00000464	0.00297	0.000517	0.0204	0.008	0.0000048	8	0.00000724
2040 Oct	75.3	0.052	0.0654	0.00293	33.1	0.0336	11.6	0.000884	0.000884	0.00000464	0.00297	0.000517	0.0204	0.008	0.0000048	8	0.00000724
2040 Nov	75.4	0.052	0.0654	0.00293	33.1	0.0336	11.6	0.000885	0.000884	0.00000464	0.00297	0.000517	0.0204	0.00801	0.0000048	8	0.00000724
2040 Dec	75.4	0.052	0.0654	0.00293	33.1	0.0336	11.6	0.000885	0.000884	0.00000464	0.00297	0.000517	0.0204	0.00801	0.0000048	8	0.00000724
2041 Jan	75.4	0.052	0.0654	0.00293	33.1	0.0336	11.6	0.000885	0.000884	0.00000464	0.00297	0.000517	0.0204	0.00801	0.0000048	8	0.00000724
2041 Feb	75.4	0.052	0.0654	0.00293	33.1	0.0336	11.6	0.000885	0.000884	0.00000464	0.00297	0.000517	0.0204	0.00801	0.0000048	8	0.00000724
2041 Mar	75.4	0.052	0.0654	0.00293	33.1	0.0336	11.6	0.000885	0.000884	0.00000464	0.00297	0.000517	0.0204	0.00801	0.0000048	8	0.00000724
2041 Apr	75.4	0.052	0.0654	0.00293	33.1	0.0336	11.6	0.000885	0.000884	0.00000464	0.00297	0.000517	0.0204	0.00801	0.0000048	8	0.00000724
2041 May	75.4	0.052	0.0654	0.00293	33.1	0.0336	11.6	0.000885	0.000885	0.00000464	0.00297	0.000517	0.0204	0.00801	0.0000048	8	0.00000724
2041 Jun	75.6	0.0536	0.0679	0.00297	33.1	0.0337	11.7	0.000885	0.000884	0.00000464	0.00299	0.000527	0.0207	0.00807	0.00000481	8.05	0.00000732
2041 Jul	76	0.0559	0.0714	0.00301	33.1	0.0338	11.8	0.000886	0.000883	0.00000463	0.00301	0.00054	0.021	0.00815	0.00000481	8.12	0.00000743
2041 Aug	76.1	0.0561	0.0715	0.00302	33.1	0.0339	11.8	0.000887	0.000885	0.00000464	0.00301	0.000541	0.021	0.00816	0.00000482	8.13	0.00000744
2041 Sep	76.2	0.0561	0.0715	0.00302	33.2	0.0339	11.9	0.000888	0.000886	0.00000464	0.00302	0.000541	0.021	0.00817	0.00000482	8.14	0.00000745
2041 Oct	76.2	0.0561	0.0715	0.00302	33.2	0.0339	11.9	0.000888	0.000885	0.00000464	0.00302	0.000541	0.021	0.00817	0.00000482	8.14	0.00000745
2041 Nov	76.2	0.0561	0.0715	0.00302	33.2	0.0339	11.9	0.000888	0.000886	0.00000464	0.00302	0.000541	0.021	0.00817	0.00000482	8.14	0.00000745
2041 Dec	76.2	0.0561	0.0715	0.00302	33.2	0.0339	11.9	0.000888	0.000886	0.00000464	0.00302	0.000541	0.021	0.00817	0.00000482	8.14	0.00000745
2042 Jan	76.2	0.0561	0.0715	0.00302	33.2	0.0339	11.9	0.000888	0.000886	0.00000464	0.00302	0.000541	0.021	0.00817	0.00000482	8.14	0.00000745
2042 Feb	76.2	0.0561	0.0715	0.00302	33.2	0.0339	11.9	0.000888	0.000886	0.00000464	0.00302	0.000541	0.021	0.00817	0.00000482	8.14	0.00000745
2042 Mar	76.2	0.0561	0.0715	0.00302	33.2	0.0339	11.9	0.000888	0.000886	0.00000464	0.00302	0.000541	0.021	0.00817	0.00000482	8.14	0.00000745
2042 Apr	76.2	0.0561	0.0716	0.00302	33.2	0.0339	11.9	0.000888	0.000886	0.00000465	0.00302	0.000541	0.021	0.00817	0.00000482	8.14	0.00000745
2042 May	76.3	0.0562	0.0716	0.00302	33.2	0.034	11.9	0.000889	0.000887	0.00000465	0.00302	0.000542	0.021	0.00818	0.00000483	8.15	0.00000746
2042 Jun	76.6	0.0579	0.0742	0.00306	33.2	0.0341	12	0.000889	0.000886	0.00000465	0.00303	0.000551	0.0213	0.00823	0.00000483	8.19	0.00000754
2042 Jul	77	0.0594	0.0765	0.0031	33.3	0.0342	12.1	0.00089	0.000886	0.00000465	0.00305	0.00056	0.0215	0.00828	0.00000484	8.24	0.00000761
2042 Aug	77.4	0.0612	0.0792	0.00314	33.4	0.0344	12.3	0.00089	0.000886	0.00000465	0.00306	0.00057	0.0218	0.00833	0.00000484	8.29	0.00000769
2042 Sep	77.8	0.063	0.0818	0.00318	33.4	0.0345	12.4	0.000891	0.000886	0.00000465	0.00308	0.00058	0.0221	0.00839	0.00000485	8.34	0.00000776
2042 Oct	78.1	0.0639	0.0832	0.0032	33.5	0.0346	12.5	0.000891	0.000885	0.00000465	0.00308	0.000586	0.0222	0.00841	0.00000485	8.36	0.00000781
2042 Nov	78.1	0.0639	0.0833	0.0032	33.5	0.0346	12.5	0.000891	0.000886	0.00000465	0.00309	0.000586	0.0223	0.00841	0.00000485	8.36	0.00000781
2042 Dec	78.1	0.0639	0.0833	0.0032	33.5	0.0346	12.5	0.000891	0.000886	0.00000465	0.00309	0.000586	0.0223	0.00841	0.00000485	8.36	0.00000781
2043 Jan	78.1	0.0639	0.0833	0.0032	33.5	0.0346	12.5	0.000891	0.000886	0.00000465	0.00309	0.000586	0.0223	0.00841	0.00000485	8.36	0.00000781
2043 Feb	78.1	0.0639	0.0833	0.0032	33.5	0.0346	12.5	0.000891	0.000886	0.00000465	0.00309	0.000586	0.0223	0.00841	0.00000485	8.36	0.00000781
2043 Mar	78.1	0.0639	0.0833	0.0032	33.5	0.0346	12.5	0.000891	0.000886	0.00000465	0.00309	0.000586	0.0223	0.00841	0.00000485	8.36	0.00000781
2043 Apr	78.1	0.064	0.0833	0.0032	33.5	0.0346	12.5	0.000892	0.000886	0.00000465	0.00309	0.000586	0.0223	0.00842	0.00000485	8.36	0.00000781
2043 May	78.2	0.0641	0.0834	0.00321	33.5	0.0346	12.5	0.000892	0.000886	0.00000465	0.00309	0.000587	0.0223	0.00843	0.00000486	8.37	0.00000782
2043 Jun	78.9	0.0672	0.0881	0.00327	33.6	0.0349	12.8	0.000893	0.000886	0.00000465	0.00311	0.000605	0.0228	0.00853	0.00000487	8.46	0.00000796
2043 Jul	79.2	0.0678	0.0891	0.00329	33.7	0.035	12.9	0.000895	0.000887	0.00000466	0.00312	0.000609	0.0229	0.00856	0.00000488	8.5	0.000008
2043 Aug	79.4	0.068	0.0893	0.0033	33.8	0.0351	12.9	0.000897	0.000889	0.00000467	0.00313	0.000611	0.023	0.00858	0.00000489	8.51	0.00000802
2043 Sep	79.4	0.068	0.0893	0.0033	33.8	0.0351	12.9	0.000897	0.000889	0.00000467	0.00313	0.000611	0.023	0.00858	0.00000489	8.52	0.00000802
2043 Oct	79.5	0.0682	0.0896	0.00331	33.8	0.0351	12.9	0.000897	0.000889	0.00000467	0.00313	0.000612	0.023	0.00859	0.00000489	8.52	0.00000803
2043 Nov	79.5	0.0685	0.09	0.00331	33.8	0.0351	12.9	0.000897	0.000889	0.00000467	0.00314	0.000614	0.0231	0.0086	0.00000489	8.53	0.00000804
2043 Dec	79.5	0.0685	0.09	0.00331	33.8	0.0352	12.9	0.000897	0.000889	0.00000467	0.00314	0.000614	0.0231	0.0086	0.00000489	8.53	0.00000804
2044 Jan	79.5	0.0685	0.09	0.00331	33.8	0.0352	12.9	0.000897	0.000889	0.00000467	0.00314	0.000614	0.0231	0.0086	0.00000489	8.53	0.00000804
2044 Feb	79.5	0.0685	0.09	0.00331	33.8	0.0352	12.9	0.000897	0.000889	0.00000467	0.00314	0.000614	0.0231	0.0086	0.00000489	8.53	0.00000804
2044 Mar	79.5	0.0685	0.09	0.00331	33.8	0.0352	12.9	0.000897	0.000889	0.00000467	0.00314	0.000614	0.0231	0.0086	0.00000489	8.53	0.00000804
2044 Apr	79.5	0.0685	0.09	0.00331	33.8	0.0352	12.9	0.000897	0.000889	0.00000467	0.00314	0.000614	0.0231	0.0086	0.00000489	8.53	0.00000804

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2044 May	79.6	0.0685	0.0901	0.00331	33.8	0.0352	12.9	0.000897	0.00089	0.00000467	0.00314	0.000614	0.0231	0.00861	0.00000489	8.54	0.00000805
2044 Jun	81	0.0738	0.098	0.00343	34.1	0.0357	13.4	0.000898	0.000888	0.00000466	0.00318	0.000647	0.024	0.00877	0.00000491	8.69	0.00000829
2044 Jul	81.7	0.0761	0.101	0.00349	34.2	0.0359	13.7	0.000901	0.000889	0.00000467	0.0032	0.000662	0.0245	0.00885	0.00000493	8.77	0.00000841
2044 Aug	81.9	0.0763	0.102	0.0035	34.3	0.036	13.7	0.000903	0.000891	0.00000468	0.00321	0.000663	0.0245	0.00887	0.00000494	8.79	0.00000843
2044 Sep	81.9	0.0762	0.102	0.0035	34.3	0.036	13.7	0.000903	0.000891	0.00000468	0.00321	0.000663	0.0245	0.00887	0.00000494	8.78	0.00000843
2044 Oct	81.9	0.0765	0.102	0.0035	34.3	0.036	13.7	0.000903	0.000891	0.00000468	0.00321	0.000665	0.0246	0.00887	0.00000494	8.79	0.00000844
2044 Nov	82	0.0767	0.102	0.00351	34.3	0.036	13.7	0.000903	0.000891	0.00000468	0.00321	0.000666	0.0246	0.00888	0.00000494	8.8	0.00000845
2044 Dec	82	0.0767	0.102	0.00351	34.3	0.0361	13.7	0.000903	0.000891	0.00000468	0.00321	0.000666	0.0246	0.00888	0.00000494	8.8	0.00000845
2045 Jan	82	0.0767	0.102	0.00351	34.3	0.0361	13.7	0.000903	0.000891	0.00000468	0.00321	0.000666	0.0246	0.00888	0.00000494	8.8	0.00000845
2045 Feb	82	0.0767	0.102	0.00351	34.3	0.0361	13.7	0.000903	0.000891	0.00000468	0.00321	0.000666	0.0246	0.00888	0.00000494	8.8	0.00000845
2045 Mar	82	0.0767	0.102	0.00351	34.3	0.0361	13.7	0.000903	0.000891	0.00000468	0.00321	0.000666	0.0246	0.00888	0.00000494	8.8	0.00000845
2045 Apr	82	0.0767	0.102	0.00351	34.3	0.0361	13.7	0.000903	0.000891	0.00000468	0.00321	0.000666	0.0246	0.00888	0.00000494	8.8	0.00000845
2045 May	82	0.0767	0.102	0.00351	34.3	0.0361	13.8	0.000903	0.000891	0.00000468	0.00322	0.000667	0.0246	0.00889	0.00000494	8.8	0.00000845
2045 Jun	83.1	0.0805	0.108	0.0036	34.5	0.0365	14.2	0.000906	0.000891	0.00000468	0.00325	0.000693	0.0254	0.00901	0.00000496	8.93	0.00000864
2045 Jul	84	0.0831	0.112	0.00366	34.7	0.0368	14.5	0.000908	0.000891	0.00000469	0.00327	0.000711	0.0259	0.0091	0.00000497	9.02	0.00000878
2045 Aug	84.1	0.0832	0.112	0.00367	34.8	0.0369	14.5	0.00091	0.000893	0.00000469	0.00328	0.000713	0.0259	0.00911	0.00000498	9.03	0.00000879
2045 Sep	84.2	0.0832	0.112	0.00367	34.8	0.0369	14.5	0.00091	0.000893	0.0000047	0.00328	0.000713	0.0259	0.00911	0.00000498	9.04	0.00000879
2045 Oct	84.2	0.0832	0.112	0.00367	34.8	0.0369	14.5	0.00091	0.000893	0.0000047	0.00328	0.000713	0.026	0.00912	0.00000499	9.04	0.00000879
2045 Nov	84.2	0.0832	0.112	0.00367	34.8	0.0369	14.5	0.000911	0.000893	0.0000047	0.00328	0.000713	0.026	0.00912	0.00000499	9.04	0.0000088
2045 Dec	84.2	0.0832	0.112	0.00367	34.8	0.0369	14.5	0.000911	0.000893	0.0000047	0.00328	0.000713	0.026	0.00912	0.00000499	9.04	0.0000088
2046 Jan	84.2	0.0832	0.112	0.00367	34.8	0.0369	14.5	0.000911	0.000893	0.0000047	0.00328	0.000713	0.026	0.00912	0.00000499	9.04	0.0000088
2046 Feb	84.2	0.0832	0.112	0.00367	34.8	0.0369	14.5	0.000911	0.000893	0.0000047	0.00328	0.000713	0.026	0.00912	0.00000499	9.04	0.0000088
2046 Mar	84.2	0.0832	0.112	0.00367	34.8	0.0369	14.5	0.000911	0.000893	0.0000047	0.00328	0.000713	0.026	0.00912	0.00000499	9.04	0.0000088
2046 Apr	84.2	0.0833	0.112	0.00367	34.8	0.0369	14.5	0.000911	0.000894	0.0000047	0.00328	0.000713	0.026	0.00912	0.00000499	9.04	0.0000088
2046 May	84.3	0.0833	0.112	0.00367	34.8	0.0369	14.5	0.000911	0.000894	0.0000047	0.00328	0.000714	0.026	0.00913	0.00000499	9.05	0.0000088
2046 Jun	85.6	0.0877	0.119	0.00377	35	0.0374	15	0.000915	0.000893	0.0000047	0.00332	0.000749	0.0269	0.00927	0.00000501	9.21	0.00000904
2046 Jul	87.1	0.0923	0.125	0.00388	35.2	0.0379	15.6	0.00092	0.000892	0.0000047	0.00337	0.000786	0.0279	0.00942	0.00000503	9.37	0.00000928
2046 Aug	87.2	0.0925	0.126	0.00389	35.3	0.038	15.6	0.000921	0.000893	0.0000047	0.00337	0.000787	0.0279	0.00943	0.00000504	9.39	0.00000929
2046 Sep	87.6	0.0936	0.127	0.00391	35.4	0.0381	15.8	0.000922	0.000893	0.0000047	0.00338	0.000798	0.0282	0.00947	0.00000504	9.43	0.00000936
2046 Oct	88.2	0.0953	0.13	0.00395	35.4	0.0383	16	0.000924	0.000892	0.0000047	0.0034	0.000812	0.0286	0.00953	0.00000505	9.5	0.00000944
2046 Nov	88.3	0.0955	0.13	0.00396	35.4	0.0384	16.1	0.000925	0.000892	0.0000047	0.0034	0.000814	0.0286	0.00953	0.00000505	9.51	0.00000946
2046 Dec	88.3	0.0955	0.13	0.00396	35.4	0.0384	16.1	0.000925	0.000892	0.0000047	0.0034	0.000814	0.0286	0.00953	0.00000505	9.51	0.00000946
2047 Jan	88.3	0.0955	0.13	0.00396	35.4	0.0384	16.1	0.000925	0.000892	0.0000047	0.0034	0.000814	0.0286	0.00953	0.00000505	9.51	0.00000946
2047 Feb	88.3	0.0955	0.13	0.00396	35.4	0.0384	16.1	0.000925	0.000892	0.0000047	0.0034	0.000814	0.0286	0.00953	0.00000505	9.51	0.00000946
2047 Mar	88.3	0.0955	0.13	0.00396	35.4	0.0384	16.1	0.000925	0.000892	0.0000047	0.0034	0.000815	0.0286	0.00954	0.00000505	9.51	0.00000946
2047 Apr	88.3	0.0955	0.13	0.00396	35.5	0.0384	16.1	0.000925	0.000892	0.0000047	0.0034	0.000815	0.0286	0.00954	0.00000505	9.51	0.00000946
2047 May	88.5	0.0961	0.131	0.00397	35.5	0.0384	16.1	0.000926	0.000893	0.00000471	0.00341	0.000819	0.0287	0.00956	0.00000506	9.54	0.00000949
2047 Jun	90.1	0.101	0.138	0.00408	35.7	0.039	16.8	0.000932	0.000891	0.0000047	0.00345	0.000864	0.0298	0.00973	0.00000508	9.74	0.00000976
2047 Jul	90.4	0.101	0.138	0.00409	35.8	0.0391	16.8	0.000934	0.000893	0.00000471	0.00346	0.000866	0.0299	0.00976	0.00000509	9.77	0.00000978
2047 Aug	90.5	0.101	0.138	0.0041	35.9	0.0392	16.9	0.000936	0.000895	0.00000472	0.00347	0.000868	0.03	0.00978	0.0000051	9.79	0.0000098
2047 Sep	90.6	0.101	0.139	0.0041	35.9	0.0392	16.9	0.000936	0.000895	0.00000472	0.00347	0.00087	0.03	0.00978	0.0000051	9.8	0.00000981
2047 Oct	91.1	0.103	0.141	0.00413	35.9	0.0394	17.1	0.000939	0.000894	0.00000472	0.00348	0.000883	0.0303	0.00983	0.00000511	9.86	0.00000988
2047 Nov	91.2	0.103	0.141	0.00414	35.9	0.0394	17.2	0.000939	0.000894	0.00000472	0.00348	0.000887	0.0304	0.00984	0.00000511	9.87	0.00000991
2047 Dec	91.2	0.103	0.141	0.00414	35.9	0.0394	17.2	0.000939	0.000894	0.00000472	0.00348	0.000887	0.0304	0.00984	0.00000511	9.88	0.00000991
2048 Jan	91.2	0.103	0.141	0.00414	35.9	0.0394	17.2	0.000939	0.000894	0.00000472	0.00348	0.000887	0.0304	0.00984	0.00000511	9.88	0.00000991
2048 Feb	91.2	0.103	0.141	0.00414	35.9	0.0394	17.2	0.000939	0.000894	0.00000472	0.00348	0.000887	0.0304	0.00984	0.00000511	9.88	0.00000991
2048 Mar	91.2	0.103	0.141	0.00414	35.9	0.0394	17.2	0.000939	0.000894	0.00000472	0.00348	0.000887	0.0304	0.00984	0.00000511	9.88	0.00000991
2048 Apr	91.2	0.103	0.141	0.00414	35.9	0.0394	17.2	0.000939	0.000894	0.00000472	0.00349	0.000887	0.0304	0.00984	0.00000511	9.88	0.00000991
2048 May	91.3	0.103	0.141	0.00414	36	0.0395	17.2	0.00094	0.000895	0.00000472	0.00349	0.000888	0.0304	0.00985	0.00000511	9.88	0.00000991
2048 Jun	92.9	0.108	0.148	0.00424	36.2	0.04	17.9	0.000948	0.000893	0.00000472	0.00353	0.000935	0.0315	0.01	0.00000514	10.1	0.0000102
2048 Jul	94.5	0.112	0.153	0.00434	36.4	0.0406	18.6	0.000956	0.000892	0.00000472	0.00358	0.000979	0.0326	0.0102	0.00000516	10.3	0.0000104
2048 Aug	94.7	0.112	0.154	0.00435	36.4	0.0407	18.6	0.000958	0.000893	0.00000473	0.00358	0.000984	0.0327	0.0102	0.00000517	10.3	0.0000105
2048 Sep	95.1	0.113	0.155	0.00437	36.5	0.0408	18.8	0.00096	0.000893	0.00000473	0.00359	0.000995	0.0329	0.0102	0.00000518	10.4	0.0000105
2048 Oct	95.5	0.114	0.157	0.00439	36.5	0.041	19	0.000962	0.000893	0.00000473	0.0036	0.00101	0.0332	0.0103	0.00000518	10.4	0.0000106
2048 Nov	95.6	0.114	0.157	0.0044	36.5	0.041	19	0.000962	0.000893	0.00000473	0.00361	0.00101	0.0332	0.0103	0.00000518	10.4	0.0000106
2048 Dec	95.6	0.114	0.157	0.0044	36.5	0.041	19	0.000962	0.000893	0.00000473	0.00361	0.00101	0.0332	0.0103	0.00000518	10.4	0.0000106
2049 Jan	95.6	0.114	0.157	0.0044	36.5	0.041	19	0.000962	0.000893	0.00000473	0.00361	0.00101	0.0332	0.0103	0.00000518	10.4	0.0000106
2049 Feb	95.6	0.114	0.157	0.0044	36.5	0.041	19	0.000962	0.000893	0.00000473	0.00361	0.00101	0.0332	0.0103	0.00000518	10.4	0.0000106
2049 Mar	95.6	0.114	0.157	0.0044	36.5	0.041	19	0.000962	0.000893	0.00000473	0.00361	0.00101	0.0332	0.0103	0.00000518	10.4	0.0000106
2049 Apr	95.6	0.114	0.157	0.0044	36.5	0.041	19	0.000963	0.000893	0.00000473	0.00361	0.00101	0.0332	0.0103	0.00000518	10.4	0.0000106
2049 May	95.6	0.114	0.157	0.0044	36.5	0.041	19	0.000963	0.000893	0.00000473	0.00361	0.00101	0.0332	0.0103	0.00000519	10.4	0.0000106
2049 Jun	97.3	0.118	0.163	0.00449	36.7	0.0416	19.8	0.000972	0.000891	0.00000472	0.00365	0.00106	0.0344	0.0104	0.00000521	10.7	0.0000109
2049 Jul	98.4	0.121	0.167	0.00455	36.8	0.042	20.3	0.000979	0.00089	0.00000473	0.00368	0.00109	0.0351	0.0105	0.00000523	10.8	0.000011
2049 Aug	98.6	0.121	0.167	0.00456	36.9	0.0421	20.3	0.000981	0.000893	0.00000474	0.00369	0.00109	0.0352	0.0106	0.00000524	10.8	0.0000111
2049 Sep	98.6	0.121	0.167	0.00456	36.9	0.0421	20.3	0.000981	0.000892	0.00000474	0.00369	0.0011	0.0352	0.0106	0.00000524	10.8	0.0000111

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2049 Oct	99.1	0.122	0.169	0.00459	36.9	0.0423	20.5	0.000984	0.000892	0.00000474	0.00371	0.00111	0.0355	0.0106	0.00000524	10.9	0.0000111
2049 Nov	99.2	0.122	0.169	0.00459	36.9	0.0423	20.6	0.000985	0.000892	0.00000474	0.00371	0.00111	0.0355	0.0106	0.00000525	10.9	0.0000112
2049 Dec	99.2	0.122	0.169	0.00459	36.9	0.0423	20.6	0.000985	0.000892	0.00000474	0.00371	0.00111	0.0355	0.0106	0.00000525	10.9	0.0000112
2050 Jan	99.2	0.122	0.169	0.00459	36.9	0.0423	20.6	0.000985	0.000892	0.00000474	0.00371	0.00111	0.0355	0.0106	0.00000525	10.9	0.0000112
2050 Feb	99.2	0.122	0.169	0.00459	36.9	0.0423	20.6	0.000985	0.000892	0.00000474	0.00371	0.00111	0.0355	0.0106	0.00000525	10.9	0.0000112
2050 Mar	99.2	0.122	0.169	0.00459	36.9	0.0423	20.6	0.000985	0.000892	0.00000474	0.00371	0.00111	0.0355	0.0106	0.00000525	10.9	0.0000112
2050 Apr	99.2	0.122	0.169	0.00459	36.9	0.0423	20.6	0.000985	0.000892	0.00000474	0.00371	0.00111	0.0356	0.0106	0.00000525	10.9	0.0000112
2050 May	99.2	0.122	0.169	0.00459	37	0.0424	20.6	0.000985	0.000893	0.00000474	0.00371	0.00111	0.0356	0.0106	0.00000525	10.9	0.0000112
2050 Jun	101	0.125	0.173	0.00466	37.1	0.0428	21.2	0.000994	0.000891	0.00000474	0.00375	0.00115	0.0364	0.0108	0.00000527	11.1	0.0000114
2050 Jul	102	0.128	0.177	0.00472	37.1	0.0433	21.8	0.001	0.00089	0.00000473	0.00378	0.00119	0.0372	0.0109	0.00000528	11.3	0.0000116
2050 Aug	102	0.128	0.177	0.00472	37.2	0.0433	21.8	0.001	0.000891	0.00000474	0.00379	0.0012	0.0373	0.0109	0.00000529	11.3	0.0000116
2050 Sep	102	0.128	0.178	0.00473	37.2	0.0434	21.9	0.001	0.000891	0.00000474	0.00379	0.0012	0.0374	0.0109	0.0000053	11.3	0.0000116
2050 Oct	102	0.129	0.178	0.00474	37.2	0.0434	21.9	0.00101	0.000891	0.00000474	0.00379	0.0012	0.0375	0.0109	0.0000053	11.3	0.0000116
2050 Nov	102	0.129	0.178	0.00474	37.2	0.0434	21.9	0.00101	0.000891	0.00000474	0.00379	0.0012	0.0375	0.0109	0.0000053	11.3	0.0000116
2050 Dec	102	0.129	0.178	0.00474	37.2	0.0434	21.9	0.00101	0.000891	0.00000474	0.00379	0.0012	0.0375	0.0109	0.0000053	11.3	0.0000116
2051 Jan	102	0.129	0.178	0.00474	37.2	0.0434	21.9	0.00101	0.000891	0.00000474	0.00379	0.0012	0.0375	0.0109	0.0000053	11.3	0.0000116
2051 Feb	102	0.129	0.178	0.00474	37.2	0.0434	21.9	0.00101	0.000891	0.00000474	0.00379	0.0012	0.0375	0.0109	0.0000053	11.3	0.0000116
2051 Mar	102	0.129	0.178	0.00474	37.2	0.0434	21.9	0.00101	0.000891	0.00000474	0.00379	0.0012	0.0375	0.0109	0.0000053	11.3	0.0000116
2051 Apr	102	0.129	0.178	0.00474	37.2	0.0435	21.9	0.00101	0.000892	0.00000475	0.0038	0.0012	0.0375	0.0109	0.0000053	11.3	0.0000116
2051 May	102	0.129	0.178	0.00474	37.3	0.0435	22	0.00101	0.000892	0.00000475	0.0038	0.00121	0.0375	0.0109	0.00000531	11.4	0.0000116
2051 Jun	105	0.134	0.185	0.00485	37.4	0.0444	23.2	0.00103	0.000889	0.00000474	0.00387	0.00129	0.0392	0.0112	0.00000534	11.7	0.000012
2051 Jul	106	0.136	0.188	0.0049	37.5	0.0448	23.7	0.00103	0.000888	0.00000474	0.0039	0.00132	0.0399	0.0113	0.00000536	11.9	0.0000122
2051 Aug	106	0.136	0.188	0.0049	37.5	0.0448	23.7	0.00104	0.000889	0.00000475	0.0039	0.00133	0.0399	0.0113	0.00000536	11.9	0.0000122
2051 Sep	107	0.137	0.19	0.00493	37.5	0.0451	24.1	0.00104	0.000888	0.00000475	0.00392	0.00135	0.0404	0.0114	0.00000537	12	0.0000123
2051 Oct	108	0.139	0.193	0.00497	37.5	0.0454	24.7	0.00105	0.000886	0.00000474	0.00394	0.00139	0.0411	0.0114	0.00000538	12.2	0.0000125
2051 Nov	108	0.139	0.193	0.00497	37.5	0.0455	24.7	0.00105	0.000886	0.00000474	0.00395	0.00139	0.0412	0.0115	0.00000539	12.2	0.0000125
2051 Dec	108	0.139	0.193	0.00497	37.5	0.0455	24.7	0.00105	0.000886	0.00000474	0.00395	0.00139	0.0412	0.0115	0.00000539	12.2	0.0000125
2052 Jan	108	0.139	0.193	0.00497	37.5	0.0455	24.7	0.00105	0.000886	0.00000474	0.00395	0.00139	0.0412	0.0115	0.00000539	12.2	0.0000125
2052 Feb	108	0.139	0.193	0.00497	37.5	0.0455	24.7	0.00105	0.000886	0.00000474	0.00395	0.00139	0.0412	0.0115	0.00000539	12.2	0.0000125
2052 Mar	108	0.139	0.193	0.00497	37.5	0.0455	24.7	0.00105	0.000886	0.00000474	0.00395	0.00139	0.0412	0.0115	0.00000539	12.2	0.0000125
2052 Apr	108	0.139	0.193	0.00497	37.6	0.0455	24.7	0.00105	0.000886	0.00000474	0.00395	0.00139	0.0412	0.0115	0.00000539	12.2	0.0000125
2052 May	108	0.139	0.193	0.00498	37.6	0.0455	24.7	0.00105	0.000886	0.00000474	0.00395	0.0014	0.0412	0.0115	0.00000539	12.2	0.0000125
2052 Jun	109	0.141	0.195	0.00501	37.6	0.0459	25.2	0.00106	0.000885	0.00000474	0.00398	0.00143	0.0419	0.0116	0.0000054	12.4	0.0000127
2052 Jul	109	0.141	0.196	0.00502	37.6	0.046	25.4	0.00106	0.000886	0.00000475	0.00399	0.00144	0.0421	0.0116	0.00000541	12.4	0.0000127
2052 Aug	109	0.142	0.197	0.00504	37.7	0.0461	25.5	0.00107	0.000887	0.00000475	0.004	0.00145	0.0422	0.0116	0.00000542	12.5	0.0000128
2052 Sep	110	0.143	0.198	0.00505	37.7	0.0463	25.8	0.00107	0.000886	0.00000475	0.00401	0.00146	0.0425	0.0117	0.00000543	12.5	0.0000128
2052 Oct	110	0.143	0.198	0.00506	37.7	0.0464	25.9	0.00107	0.000886	0.00000475	0.00402	0.00147	0.0427	0.0117	0.00000543	12.6	0.0000129
2052 Nov	110	0.143	0.198	0.00506	37.7	0.0464	25.9	0.00107	0.000886	0.00000475	0.00402	0.00147	0.0427	0.0117	0.00000543	12.6	0.0000129
2052 Dec	110	0.143	0.198	0.00506	37.7	0.0464	25.9	0.00107	0.000886	0.00000475	0.00402	0.00147	0.0427	0.0117	0.00000543	12.6	0.0000129
2053 Jan	110	0.143	0.198	0.00506	37.7	0.0464	25.9	0.00107	0.000886	0.00000475	0.00402	0.00147	0.0427	0.0117	0.00000543	12.6	0.0000129
2053 Feb	110	0.143	0.198	0.00506	37.7	0.0464	25.9	0.00107	0.000886	0.00000475	0.00402	0.00147	0.0427	0.0117	0.00000543	12.6	0.0000129
2053 Mar	110	0.143	0.198	0.00506	37.7	0.0464	25.9	0.00107	0.000886	0.00000475	0.00402	0.00147	0.0427	0.0117	0.00000543	12.6	0.0000129
2053 Apr	110	0.143	0.199	0.00506	37.7	0.0464	25.9	0.00107	0.000887	0.00000475	0.00402	0.00147	0.0427	0.0117	0.00000544	12.6	0.0000129
2053 May	111	0.144	0.199	0.00508	37.8	0.0465	26.1	0.00108	0.000887	0.00000476	0.00403	0.00149	0.0429	0.0117	0.00000544	12.7	0.0000129
2053 Jun	112	0.146	0.203	0.00513	37.8	0.0472	27.1	0.00109	0.000884	0.00000475	0.00407	0.00156	0.0442	0.0119	0.00000547	13	0.0000132
2053 Jul	113	0.147	0.204	0.00515	37.8	0.0474	27.3	0.0011	0.000885	0.00000476	0.00409	0.00157	0.0445	0.012	0.00000548	13	0.0000133
2053 Aug	113	0.147	0.204	0.00516	37.9	0.0475	27.3	0.0011	0.000886	0.00000477	0.0041	0.00157	0.0445	0.012	0.00000549	13.1	0.0000133
2053 Sep	113	0.148	0.205	0.00517	38	0.0475	27.4	0.0011	0.000888	0.00000477	0.0041	0.00158	0.0446	0.012	0.0000055	13.1	0.0000133
2053 Oct	113	0.148	0.205	0.00517	38	0.0475	27.4	0.0011	0.000888	0.00000477	0.0041	0.00158	0.0446	0.012	0.0000055	13.1	0.0000133
2053 Nov	113	0.148	0.205	0.00517	38	0.0475	27.4	0.0011	0.000888	0.00000477	0.0041	0.00158	0.0446	0.012	0.0000055	13.1	0.0000133
2053 Dec	113	0.148	0.205	0.00517	38	0.0475	27.4	0.0011	0.000888	0.00000477	0.0041	0.00158	0.0446	0.012	0.0000055	13.1	0.0000133
2054 Jan	113	0.148	0.205	0.00517	38	0.0475	27.4	0.0011	0.000888	0.00000477	0.0041	0.00158	0.0446	0.012	0.0000055	13.1	0.0000133
2054 Feb	113	0.148	0.205	0.00517	38	0.0475	27.4	0.0011	0.000888	0.00000477	0.0041	0.00158	0.0446	0.012	0.0000055	13.1	0.0000133
2054 Mar	113	0.148	0.205	0.00517	38	0.0475	27.4	0.0011	0.000888	0.00000477	0.0041	0.00158	0.0446	0.012	0.0000055	13.1	0.0000133
2054 Apr	113	0.148	0.205	0.00517	38	0.0475	27.4	0.0011	0.000888	0.00000477	0.00411	0.00158	0.0446	0.012	0.0000055	13.1	0.0000133
2054 May	113	0.148	0.205	0.00517	38	0.0476	27.4	0.0011	0.000888	0.00000478	0.00411	0.00158	0.0446	0.012	0.0000055	13.1	0.0000133
2054 Jun	115	0.15	0.207	0.0052	38	0.0481	28.2	0.00112	0.000886	0.00000477	0.00414	0.00163	0.0456	0.0122	0.00000552	13.4	0.0000136
2054 Jul	116	0.151	0.209	0.00523	38	0.0484	28.7	0.00113	0.000885	0.00000477	0.00416	0.00167	0.0462	0.0123	0.00000554	13.5	0.0000137
2054 Aug	116	0.151	0.209	0.00524	38	0.0485	28.8	0.00113	0.000885	0.00000477	0.00417	0.00168	0.0464	0.0123	0.00000554	13.6	0.0000137
2054 Sep	116	0.152	0.21	0.00525	38	0.0486	29	0.00113	0.000886	0.00000478	0.00418	0.00169	0.0466	0.0123	0.00000555	13.6	0.0000138
2054 Oct	117	0.152	0.211	0.00526	38	0.0488	29.2	0.00114	0.000885	0.00000478	0.00419	0.0017	0.0469	0.0124	0.00000556	13.7	0.0000138
2054 Nov	117	0.152	0.211	0.00526	38	0.0488	29.3	0.00114	0.000885	0.00000478	0.0042	0.00171	0.047	0.0124	0.00000556	13.7	0.0000139
2054 Dec	117	0.152	0.211	0.00526	38	0.0488	29.3	0.00114	0.000885	0.00000478	0.0042	0.00171	0.047	0.0124	0.00000556	13.7	0.0000139
2055 Jan	117	0.152	0.211	0.00526	38	0.0488	29.3	0.00114	0.000885	0.00000478	0.0042	0.00171	0.047	0.0124	0.00000556	13.7	0.0000139
2055 Feb	117	0.152	0.211	0.00526	38	0.0488	29.3	0.00114	0.000885	0.00000478	0.0042	0.00171	0.047	0.0124	0.00000556	13.7	0.0000139

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2055 Mar	117	0.152	0.211	0.00526	38	0.0488	29.3	0.00114	0.000885	0.00000478	0.0042	0.00171	0.047	0.0124	0.00000556	13.7	0.0000139
2055 Apr	117	0.152	0.211	0.00526	38	0.0489	29.3	0.00114	0.000885	0.00000478	0.0042	0.00171	0.047	0.0124	0.00000556	13.7	0.0000139
2055 May	117	0.152	0.211	0.00527	38.1	0.0489	29.3	0.00114	0.000885	0.00000478	0.0042	0.00171	0.047	0.0124	0.00000556	13.7	0.0000139
2055 Jun	119	0.154	0.214	0.0053	38	0.0495	30.3	0.00116	0.000882	0.00000477	0.00424	0.00178	0.0481	0.0126	0.00000559	14	0.0000141
2055 Jul	120	0.155	0.216	0.00533	38	0.0499	30.9	0.00117	0.000882	0.00000477	0.00427	0.00182	0.0489	0.0127	0.00000561	14.2	0.0000143
2055 Aug	120	0.156	0.216	0.00534	38.1	0.05	31	0.00117	0.000883	0.00000478	0.00428	0.00182	0.049	0.0127	0.00000562	14.3	0.0000143
2055 Sep	120	0.156	0.216	0.00534	38.1	0.05	31	0.00117	0.000883	0.00000478	0.00428	0.00182	0.049	0.0127	0.00000562	14.3	0.0000143
2055 Oct	120	0.156	0.216	0.00534	38.1	0.05	31	0.00117	0.000884	0.00000478	0.00428	0.00182	0.049	0.0127	0.00000562	14.3	0.0000143
2055 Nov	120	0.156	0.216	0.00534	38.1	0.05	31	0.00117	0.000884	0.00000478	0.00428	0.00182	0.049	0.0127	0.00000562	14.3	0.0000143
2055 Dec	120	0.156	0.216	0.00534	38.1	0.05	31	0.00117	0.000884	0.00000478	0.00428	0.00182	0.049	0.0127	0.00000562	14.3	0.0000143
2056 Jan	120	0.156	0.216	0.00534	38.1	0.05	31	0.00117	0.000884	0.00000478	0.00428	0.00182	0.049	0.0127	0.00000562	14.3	0.0000143
2056 Feb	120	0.156	0.216	0.00534	38.1	0.05	31	0.00117	0.000884	0.00000478	0.00428	0.00182	0.049	0.0127	0.00000562	14.3	0.0000143
2056 Mar	120	0.156	0.216	0.00534	38.1	0.05	31	0.00117	0.000884	0.00000478	0.00428	0.00182	0.049	0.0127	0.00000562	14.3	0.0000143
2056 Apr	120	0.156	0.216	0.00534	38.1	0.05	31	0.00117	0.000884	0.00000479	0.00428	0.00183	0.049	0.0127	0.00000562	14.3	0.0000143
2056 May	120	0.156	0.216	0.00535	38.1	0.0501	31.1	0.00117	0.000884	0.00000479	0.00429	0.00183	0.0491	0.0127	0.00000563	14.3	0.0000144
2056 Jun	122	0.158	0.218	0.00537	38.1	0.0507	32.1	0.00119	0.000881	0.00000478	0.00433	0.0019	0.0502	0.0129	0.00000565	14.6	0.0000146
2056 Jul	122	0.158	0.219	0.00539	38.1	0.0508	32.2	0.0012	0.000883	0.00000479	0.00434	0.00191	0.0504	0.013	0.00000566	14.7	0.0000147
2056 Aug	123	0.158	0.219	0.00539	38.2	0.0509	32.3	0.0012	0.000884	0.0000048	0.00435	0.00192	0.0505	0.013	0.00000567	14.7	0.0000147
2056 Sep	123	0.158	0.219	0.0054	38.2	0.0509	32.3	0.0012	0.000884	0.0000048	0.00435	0.00192	0.0505	0.013	0.00000567	14.7	0.0000147
2056 Oct	123	0.159	0.22	0.0054	38.2	0.0511	32.5	0.0012	0.000884	0.0000048	0.00436	0.00193	0.0508	0.013	0.00000568	14.8	0.0000148
2056 Nov	123	0.159	0.22	0.0054	38.2	0.0511	32.6	0.0012	0.000884	0.0000048	0.00436	0.00194	0.0508	0.013	0.00000568	14.8	0.0000148
2056 Dec	123	0.159	0.22	0.0054	38.2	0.0511	32.6	0.0012	0.000884	0.0000048	0.00436	0.00194	0.0508	0.013	0.00000568	14.8	0.0000148
2057 Jan	123	0.159	0.22	0.0054	38.2	0.0511	32.6	0.0012	0.000884	0.0000048	0.00436	0.00194	0.0508	0.013	0.00000568	14.8	0.0000148
2057 Feb	123	0.159	0.22	0.0054	38.2	0.0511	32.6	0.0012	0.000884	0.0000048	0.00436	0.00194	0.0508	0.013	0.00000568	14.8	0.0000148
2057 Mar	123	0.159	0.22	0.0054	38.2	0.0511	32.6	0.0012	0.000884	0.0000048	0.00436	0.00194	0.0508	0.013	0.00000568	14.8	0.0000148
2057 Apr	123	0.159	0.22	0.0054	38.2	0.0511	32.6	0.00121	0.000884	0.0000048	0.00436	0.00194	0.0508	0.013	0.00000568	14.8	0.0000148
2057 May	123	0.159	0.22	0.00541	38.2	0.0512	32.6	0.00121	0.000885	0.0000048	0.00437	0.00194	0.0509	0.013	0.00000568	14.8	0.0000148
2057 Jun	125	0.16	0.222	0.00543	38.1	0.0517	33.6	0.00123	0.000882	0.0000048	0.00441	0.00201	0.052	0.0132	0.00000571	15.1	0.000015
2057 Jul	125	0.161	0.223	0.00544	38.2	0.0519	33.8	0.00123	0.000883	0.00000481	0.00442	0.00203	0.0523	0.0133	0.00000572	15.2	0.0000151
2057 Aug	126	0.161	0.223	0.00546	38.3	0.0521	33.9	0.00124	0.000885	0.00000482	0.00444	0.00203	0.0524	0.0133	0.00000574	15.3	0.0000152
2057 Sep	126	0.161	0.223	0.00546	38.3	0.0521	34	0.00124	0.000886	0.00000482	0.00444	0.00203	0.0525	0.0133	0.00000574	15.3	0.0000152
2057 Oct	126	0.161	0.223	0.00546	38.3	0.0521	34	0.00124	0.000886	0.00000482	0.00444	0.00203	0.0525	0.0133	0.00000574	15.3	0.0000152
2057 Nov	126	0.161	0.223	0.00546	38.3	0.0521	34	0.00124	0.000886	0.00000482	0.00444	0.00203	0.0525	0.0133	0.00000574	15.3	0.0000152
2057 Dec	126	0.161	0.223	0.00546	38.3	0.0521	34	0.00124	0.000886	0.00000482	0.00444	0.00203	0.0525	0.0133	0.00000574	15.3	0.0000152
2058 Jan	126	0.161	0.223	0.00546	38.3	0.0521	34	0.00124	0.000886	0.00000482	0.00444	0.00203	0.0525	0.0133	0.00000574	15.3	0.0000152
2058 Feb	126	0.161	0.223	0.00546	38.3	0.0521	34	0.00124	0.000886	0.00000482	0.00444	0.00203	0.0525	0.0133	0.00000574	15.3	0.0000152
2058 Mar	126	0.161	0.223	0.00546	38.3	0.0521	34	0.00124	0.000886	0.00000482	0.00444	0.00203	0.0525	0.0133	0.00000574	15.3	0.0000152
2058 Apr	126	0.161	0.223	0.00546	38.3	0.0521	34	0.00124	0.000886	0.00000482	0.00444	0.00204	0.0525	0.0133	0.00000574	15.3	0.0000152
2058 May	126	0.162	0.224	0.00547	38.3	0.0523	34.2	0.00124	0.000886	0.00000483	0.00445	0.00205	0.0527	0.0134	0.00000575	15.4	0.0000152
2058 Jun	129	0.163	0.226	0.00549	38.2	0.0531	35.6	0.00127	0.000882	0.00000482	0.00451	0.00215	0.0543	0.0136	0.00000578	15.9	0.0000156
2058 Jul	129	0.164	0.227	0.0055	38.2	0.0534	36	0.00128	0.000882	0.00000483	0.00453	0.00218	0.0547	0.0137	0.0000058	16	0.0000157
2058 Aug	130	0.164	0.227	0.00551	38.3	0.0535	36	0.00128	0.000884	0.00000483	0.00454	0.00218	0.0548	0.0137	0.00000581	16	0.0000157
2058 Sep	130	0.164	0.227	0.00551	38.3	0.0535	36.1	0.00128	0.000884	0.00000483	0.00454	0.00218	0.0549	0.0137	0.00000581	16	0.0000157
2058 Oct	130	0.164	0.227	0.00551	38.3	0.0536	36.2	0.00128	0.000884	0.00000483	0.00455	0.00219	0.055	0.0138	0.00000582	16.1	0.0000158
2058 Nov	130	0.164	0.227	0.00551	38.3	0.0536	36.2	0.00129	0.000884	0.00000483	0.00455	0.0022	0.055	0.0138	0.00000582	16.1	0.0000158
2058 Dec	130	0.164	0.227	0.00551	38.3	0.0536	36.2	0.00129	0.000884	0.00000483	0.00455	0.0022	0.055	0.0138	0.00000582	16.1	0.0000158
2059 Jan	130	0.164	0.227	0.00551	38.3	0.0536	36.2	0.00129	0.000884	0.00000483	0.00455	0.0022	0.055	0.0138	0.00000582	16.1	0.0000158
2059 Feb	130	0.164	0.227	0.00551	38.3	0.0536	36.2	0.00129	0.000884	0.00000483	0.00455	0.0022	0.055	0.0138	0.00000582	16.1	0.0000158
2059 Mar	130	0.164	0.227	0.00551	38.3	0.0536	36.2	0.00129	0.000884	0.00000483	0.00455	0.0022	0.055	0.0138	0.00000582	16.1	0.0000158
2059 Apr	130	0.164	0.227	0.00552	38.3	0.0536	36.2	0.00129	0.000884	0.00000484	0.00455	0.0022	0.055	0.0138	0.00000582	16.1	0.0000158
2059 May	130	0.165	0.227	0.00552	38.3	0.0537	36.3	0.00129	0.000884	0.00000484	0.00455	0.0022	0.0551	0.0138	0.00000582	16.1	0.0000158
2059 Jun	131	0.165	0.228	0.00553	38.2	0.0541	37	0.0013	0.000883	0.00000484	0.00458	0.00225	0.0559	0.0139	0.00000584	16.3	0.000016
2059 Jul	132	0.166	0.229	0.00554	38.3	0.0542	37.1	0.00131	0.000886	0.00000485	0.0046	0.00226	0.0561	0.014	0.00000586	16.4	0.000016
2059 Aug	132	0.166	0.229	0.00556	38.4	0.0544	37.2	0.00131	0.000888	0.00000486	0.00461	0.00226	0.0562	0.014	0.00000587	16.4	0.0000161
2059 Sep	132	0.166	0.23	0.00556	38.5	0.0544	37.2	0.00131	0.000888	0.00000487	0.00461	0.00226	0.0562	0.014	0.00000588	16.4	0.0000161
2059 Oct	132	0.166	0.229	0.00555	38.4	0.0543	37.2	0.00131	0.000887	0.00000486	0.00461	0.00226	0.0562	0.014	0.00000587	16.4	0.0000161
2059 Nov	132	0.166	0.229	0.00555	38.4	0.0544	37.3	0.00131	0.000886	0.00000486	0.00461	0.00227	0.0562	0.014	0.00000587	16.4	0.0000161
2059 Dec	132	0.166	0.229	0.00555	38.4	0.0544	37.3	0.00131	0.000886	0.00000486	0.00461	0.00227	0.0562	0.014	0.00000587	16.4	0.0000161
2060 Jan	132	0.166	0.229	0.00555	38.4	0.0544	37.3	0.00131	0.000886	0.00000486	0.00461	0.00227	0.0562	0.014	0.00000587	16.4	0.0000161
2060 Feb	132	0.166	0.229	0.00555	38.4	0.0544	37.3	0.00131	0.000886	0.00000486	0.00461	0.00227	0.0562	0.014	0.00000587	16.4	0.0000161
2060 Mar	132	0.166	0.229	0.00555	38.4	0.0544	37.3	0.00131	0.000887	0.00000486	0.00461	0.00227	0.0562	0.014	0.00000587	16.4	0.0000161
2060 Apr	132	0.166	0.229	0.00555	38.4	0.0544	37.3	0.00131	0.000887	0.00000486	0.00461	0.00227	0.0562	0.014	0.00000587	16.4	0.0000161
2060 May	133	0.166	0.23	0.00556	38.4	0.0545	37.5	0.00132	0.000887	0.00000486	0.00462	0.00229	0.0565	0.014	0.00000588	16.5	0.0000161
2060 Jun	134	0.167	0.231	0.00557	38.3	0.0552	38.6	0.00134	0.000884	0.00000486	0.00467	0.00236	0.0577	0.0142	0.00000591	16.9	0.0000164
2060 Jul	135	0.168	0.231	0.00558	38.4	0.0554	38.8	0.00134	0.000887	0.00000487	0.00468	0.00238	0.0579	0.0143	0.00000593	17	0.0000165

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2060 Aug	135	0.168	0.232	0.00559	38.4	0.0555	38.9	0.00135	0.000888	0.00000488	0.00469	0.00238	0.058	0.0143	0.00000593	17	0.0000165
2060 Sep	136	0.168	0.232	0.00559	38.4	0.0557	39.3	0.00135	0.000886	0.00000488	0.0047	0.00241	0.0584	0.0144	0.00000594	17.2	0.0000166
2060 Oct	136	0.168	0.232	0.00559	38.3	0.0558	39.5	0.00136	0.000886	0.00000488	0.00471	0.00243	0.0587	0.0144	0.00000595	17.2	0.0000166
2060 Nov	136	0.168	0.232	0.00559	38.3	0.0559	39.6	0.00136	0.000886	0.00000488	0.00472	0.00243	0.0588	0.0145	0.00000595	17.3	0.0000167
2060 Dec	136	0.168	0.232	0.00559	38.3	0.0559	39.6	0.00136	0.000886	0.00000488	0.00472	0.00243	0.0588	0.0145	0.00000595	17.3	0.0000167
2061 Jan	136	0.168	0.232	0.00559	38.3	0.0559	39.6	0.00136	0.000886	0.00000488	0.00472	0.00243	0.0588	0.0145	0.00000595	17.3	0.0000167
2061 Feb	136	0.168	0.232	0.00559	38.3	0.0559	39.6	0.00136	0.000886	0.00000488	0.00472	0.00243	0.0588	0.0145	0.00000595	17.3	0.0000167
2061 Mar	136	0.168	0.232	0.00559	38.3	0.0559	39.6	0.00136	0.000886	0.00000488	0.00472	0.00243	0.0588	0.0145	0.00000595	17.3	0.0000167
2061 Apr	136	0.168	0.232	0.00559	38.3	0.0559	39.6	0.00136	0.000886	0.00000488	0.00472	0.00243	0.0588	0.0145	0.00000595	17.3	0.0000167
2061 May	137	0.169	0.232	0.00559	38.3	0.0561	39.9	0.00137	0.000886	0.00000488	0.00473	0.00245	0.0591	0.0145	0.00000596	17.4	0.0000167
2061 Jun	139	0.169	0.233	0.00559	38.1	0.0567	41.1	0.00139	0.000882	0.00000487	0.00478	0.00254	0.0604	0.0147	0.00000599	17.8	0.000017
2061 Jul	139	0.17	0.234	0.0056	38.2	0.0569	41.3	0.0014	0.000884	0.00000488	0.00479	0.00256	0.0606	0.0148	0.00000601	17.9	0.0000171
2061 Aug	140	0.17	0.234	0.00561	38.3	0.057	41.4	0.0014	0.000886	0.0000049	0.0048	0.00256	0.0608	0.0148	0.00000602	17.9	0.0000171
2061 Sep	140	0.17	0.234	0.00562	38.3	0.0571	41.4	0.0014	0.000886	0.0000049	0.00481	0.00256	0.0608	0.0148	0.00000602	17.9	0.0000171
2061 Oct	140	0.17	0.234	0.00561	38.3	0.0571	41.6	0.00141	0.000885	0.00000489	0.00481	0.00257	0.0609	0.0149	0.00000602	18	0.0000172
2061 Nov	140	0.17	0.234	0.00561	38.2	0.0572	41.7	0.00141	0.000885	0.00000489	0.00482	0.00258	0.0611	0.0149	0.00000602	18	0.0000172
2061 Dec	140	0.17	0.234	0.00561	38.2	0.0572	41.7	0.00141	0.000885	0.00000489	0.00482	0.00258	0.0611	0.0149	0.00000602	18	0.0000172
2062 Jan	140	0.17	0.234	0.00561	38.2	0.0572	41.7	0.00141	0.000885	0.00000489	0.00482	0.00258	0.0611	0.0149	0.00000602	18	0.0000172
2062 Feb	140	0.17	0.234	0.00561	38.2	0.0572	41.7	0.00141	0.000885	0.00000489	0.00482	0.00258	0.0611	0.0149	0.00000602	18	0.0000172
2062 Mar	140	0.17	0.234	0.00561	38.2	0.0572	41.7	0.00141	0.000885	0.00000489	0.00482	0.00258	0.0611	0.0149	0.00000602	18	0.0000172
2062 Apr	140	0.17	0.234	0.00561	38.2	0.0572	41.7	0.00141	0.000885	0.00000489	0.00482	0.00258	0.0611	0.0149	0.00000603	18	0.0000172
2062 May	140	0.17	0.234	0.00561	38.3	0.0573	41.7	0.00141	0.000885	0.0000049	0.00482	0.00259	0.0611	0.0149	0.00000603	18	0.0000172
2062 Jun	141	0.17	0.234	0.00561	38.1	0.0577	42.5	0.00143	0.000883	0.00000489	0.00485	0.00264	0.0619	0.015	0.00000605	18.3	0.0000174
2062 Jul	142	0.171	0.235	0.00561	38.1	0.058	43.1	0.00144	0.000883	0.00000489	0.00488	0.00268	0.0625	0.0151	0.00000606	18.5	0.0000175
2062 Aug	143	0.171	0.235	0.00561	38.1	0.0581	43.2	0.00144	0.000883	0.0000049	0.00488	0.00269	0.0627	0.0152	0.00000607	18.6	0.0000176
2062 Sep	143	0.171	0.235	0.00561	38	0.0584	43.6	0.00145	0.000882	0.0000049	0.0049	0.00272	0.0631	0.0152	0.00000608	18.7	0.0000177
2062 Oct	144	0.171	0.235	0.0056	37.9	0.0587	44.2	0.00146	0.00088	0.00000489	0.00492	0.00276	0.0637	0.0153	0.00000609	18.9	0.0000178
2062 Nov	144	0.171	0.235	0.0056	37.9	0.0587	44.2	0.00147	0.00088	0.00000489	0.00492	0.00277	0.0637	0.0153	0.00000609	18.9	0.0000178
2062 Dec	144	0.171	0.235	0.0056	37.9	0.0587	44.2	0.00147	0.00088	0.00000489	0.00492	0.00277	0.0637	0.0153	0.00000609	18.9	0.0000178
2063 Jan	144	0.171	0.235	0.0056	37.9	0.0587	44.2	0.00147	0.00088	0.00000489	0.00492	0.00277	0.0637	0.0153	0.00000609	18.9	0.0000178
2063 Feb	144	0.171	0.235	0.0056	37.9	0.0587	44.2	0.00147	0.00088	0.00000489	0.00492	0.00277	0.0637	0.0153	0.00000609	18.9	0.0000178
2063 Mar	144	0.171	0.235	0.0056	37.9	0.0587	44.2	0.00147	0.00088	0.00000489	0.00492	0.00277	0.0637	0.0153	0.00000609	18.9	0.0000178
2063 Apr	144	0.171	0.235	0.0056	37.9	0.0587	44.2	0.00147	0.00088	0.00000489	0.00492	0.00277	0.0637	0.0153	0.00000609	18.9	0.0000178
2063 May	144	0.171	0.235	0.0056	37.9	0.0588	44.3	0.00147	0.00088	0.00000489	0.00493	0.00277	0.0639	0.0154	0.0000061	18.9	0.0000178
2063 Jun	146	0.171	0.234	0.00556	37.5	0.0593	45.6	0.00149	0.000873	0.00000487	0.00497	0.00287	0.0651	0.0156	0.00000611	19.4	0.0000181
2063 Jul	147	0.171	0.233	0.00556	37.4	0.0595	45.9	0.0015	0.000872	0.00000487	0.00498	0.00289	0.0654	0.0156	0.00000612	19.5	0.0000182
2063 Aug	147	0.171	0.234	0.00557	37.5	0.0597	46.1	0.0015	0.000874	0.00000488	0.00499	0.0029	0.0656	0.0157	0.00000613	19.6	0.0000182
2063 Sep	147	0.171	0.234	0.00557	37.5	0.0597	46.2	0.00151	0.000874	0.00000488	0.005	0.00291	0.0657	0.0157	0.00000613	19.6	0.0000183
2063 Oct	147	0.171	0.234	0.00556	37.4	0.0598	46.4	0.00151	0.000873	0.00000488	0.00501	0.00292	0.0659	0.0157	0.00000614	19.7	0.0000183
2063 Nov	147	0.171	0.234	0.00556	37.4	0.0598	46.4	0.00151	0.000873	0.00000488	0.00501	0.00292	0.0659	0.0157	0.00000614	19.7	0.0000183
2063 Dec	147	0.171	0.234	0.00556	37.4	0.0598	46.4	0.00151	0.000873	0.00000488	0.00501	0.00292	0.0659	0.0157	0.00000614	19.7	0.0000183
2064 Jan	147	0.171	0.234	0.00556	37.4	0.0598	46.4	0.00151	0.000873	0.00000488	0.00501	0.00292	0.0659	0.0157	0.00000614	19.7	0.0000183
2064 Feb	147	0.171	0.234	0.00556	37.4	0.0598	46.4	0.00151	0.000873	0.00000488	0.00501	0.00292	0.0659	0.0157	0.00000614	19.7	0.0000183
2064 Mar	147	0.171	0.234	0.00556	37.4	0.0598	46.4	0.00151	0.000873	0.00000488	0.00501	0.00293	0.0659	0.0157	0.00000614	19.7	0.0000183
2064 Apr	147	0.171	0.234	0.00556	37.4	0.0599	46.4	0.00151	0.000873	0.00000488	0.00501	0.00293	0.0659	0.0157	0.00000614	19.7	0.0000183
2064 May	148	0.171	0.234	0.00556	37.4	0.06	46.6	0.00152	0.000873	0.00000488	0.00502	0.00294	0.0661	0.0158	0.00000614	19.7	0.0000184
2064 Jun	149	0.17	0.232	0.00552	37.1	0.0603	47.4	0.00154	0.000868	0.00000486	0.00504	0.003	0.0669	0.0159	0.00000615	20.1	0.0000185
2064 Jul	149	0.171	0.233	0.00553	37.1	0.0604	47.5	0.00154	0.000869	0.00000487	0.00505	0.00301	0.067	0.016	0.00000616	20.1	0.0000186
2064 Aug	149	0.171	0.233	0.00553	37.1	0.0605	47.7	0.00154	0.00087	0.00000487	0.00506	0.00302	0.0672	0.016	0.00000617	20.1	0.0000186
2064 Sep	150	0.171	0.233	0.00552	37.1	0.0606	47.9	0.00155	0.000869	0.00000487	0.00507	0.00304	0.0674	0.016	0.00000617	20.2	0.0000187
2064 Oct	150	0.171	0.233	0.00552	37.1	0.0607	48	0.00155	0.000869	0.00000487	0.00508	0.00305	0.0675	0.0161	0.00000617	20.3	0.0000187
2064 Nov	150	0.171	0.233	0.00552	37.1	0.0607	48	0.00155	0.000869	0.00000487	0.00508	0.00305	0.0675	0.0161	0.00000617	20.3	0.0000187
2064 Dec	150	0.171	0.233	0.00552	37.1	0.0607	48	0.00155	0.000869	0.00000487	0.00508	0.00305	0.0675	0.0161	0.00000617	20.3	0.0000187
2065 Jan	150	0.171	0.233	0.00552	37.1	0.0607	48	0.00155	0.000869	0.00000487	0.00508	0.00305	0.0675	0.0161	0.00000617	20.3	0.0000187
2065 Feb	150	0.171	0.233	0.00552	37.1	0.0607	48	0.00155	0.000869	0.00000487	0.00508	0.00305	0.0675	0.0161	0.00000617	20.3	0.0000187
2065 Mar	150	0.171	0.233	0.00553	37.1	0.0607	48	0.00155	0.000869	0.00000487	0.00508	0.00305	0.0675	0.0161	0.00000617	20.3	0.0000187
2065 Apr	150	0.171	0.233	0.00553	37.1	0.0607	48	0.00155	0.000869	0.00000488	0.00508	0.00305	0.0675	0.0161	0.00000618	20.3	0.0000187
2065 May	150	0.171	0.233	0.00553	37.1	0.0608	48.1	0.00155	0.00087	0.00000488	0.00508	0.00305	0.0676	0.0161	0.00000618	20.3	0.0000187
2065 Jun	151	0.17	0.232	0.00549	36.8	0.061	48.8	0.00157	0.000866	0.00000486	0.0051	0.0031	0.0682	0.0162	0.00000618	20.6	0.0000189
2065 Jul	151	0.17	0.232	0.0055	36.9	0.0612	49	0.00157	0.000867	0.00000488	0.00512	0.00312	0.0685	0.0163	0.0000062	20.6	0.0000189
2065 Aug	152	0.171	0.232	0.00551	36.9	0.0614	49.1	0.00158	0.000869	0.00000489	0.00513	0.00313	0.0686	0.0163	0.00000621	20.7	0.000019
2065 Sep	152	0.17	0.232	0.00551	36.9	0.0614	49.2	0.00158	0.000868	0.00000488	0.00513	0.00313	0.0687	0.0163	0.00000621	20.7	0.000019
2065 Oct	152	0.17	0.231	0.00548	36.7	0.0615	49.6	0.00159	0.000865	0.00000487	0.00514	0.00317	0.0691	0.0164	0.00000621	20.9	0.0000191
2065 Nov	152	0.17	0.231	0.00548	36.7	0.0616	49.7	0.00159	0.000865	0.00000487	0.00515	0.00317	0.0691	0.0164	0.00000621	20.9	0.0000191
2065 Dec	152	0.17	0.231	0.00548	36.7	0.0616	49.7	0.00159	0.000865	0.00000487	0.00515	0.00317	0.0691	0.0164	0.00000621	20.9	0.0000191

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2066 Jan	152	0.17	0.231	0.00548	36.7	0.0616	49.7	0.00159	0.000865	0.00000487	0.00515	0.00317	0.0691	0.0164	0.00000621	20.9	0.0000191
2066 Feb	152	0.17	0.231	0.00548	36.7	0.0616	49.7	0.00159	0.000865	0.00000487	0.00515	0.00317	0.0691	0.0164	0.00000621	20.9	0.0000191
2066 Mar	152	0.17	0.231	0.00548	36.7	0.0616	49.7	0.00159	0.000865	0.00000487	0.00515	0.00317	0.0691	0.0164	0.00000621	20.9	0.0000191
2066 Apr	153	0.17	0.231	0.00548	36.7	0.0616	49.7	0.00159	0.000865	0.00000487	0.00515	0.00317	0.0692	0.0164	0.00000621	20.9	0.0000191
2066 May	153	0.17	0.231	0.00548	36.7	0.0616	49.7	0.00159	0.000866	0.00000487	0.00515	0.00318	0.0692	0.0164	0.00000622	20.9	0.0000191
2066 Jun	153	0.169	0.23	0.00544	36.4	0.0619	50.4	0.00161	0.000861	0.00000486	0.00517	0.00323	0.0698	0.0165	0.00000622	21.2	0.0000192
2066 Jul	154	0.169	0.23	0.00545	36.4	0.0621	50.7	0.00161	0.000863	0.00000487	0.00519	0.00325	0.0701	0.0166	0.00000624	21.3	0.0000193
2066 Aug	154	0.17	0.23	0.00546	36.5	0.0622	50.8	0.00162	0.000865	0.00000488	0.0052	0.00325	0.0702	0.0166	0.00000625	21.3	0.0000193
2066 Sep	154	0.17	0.23	0.00546	36.5	0.0622	50.8	0.00162	0.000865	0.00000488	0.0052	0.00325	0.0702	0.0166	0.00000625	21.3	0.0000193
2066 Oct	154	0.17	0.23	0.00546	36.5	0.0622	50.8	0.00162	0.000864	0.00000488	0.0052	0.00326	0.0702	0.0166	0.00000625	21.3	0.0000194
2066 Nov	154	0.17	0.23	0.00545	36.5	0.0623	50.9	0.00162	0.000864	0.00000488	0.0052	0.00326	0.0703	0.0166	0.00000625	21.3	0.0000194
2066 Dec	154	0.17	0.23	0.00545	36.5	0.0623	50.9	0.00162	0.000864	0.00000488	0.0052	0.00326	0.0703	0.0166	0.00000625	21.3	0.0000194
2067 Jan	154	0.17	0.23	0.00545	36.5	0.0623	50.9	0.00162	0.000864	0.00000488	0.0052	0.00326	0.0703	0.0166	0.00000625	21.3	0.0000194
2067 Feb	154	0.17	0.23	0.00545	36.5	0.0623	50.9	0.00162	0.000864	0.00000488	0.0052	0.00326	0.0703	0.0166	0.00000625	21.3	0.0000194
2067 Mar	154	0.17	0.23	0.00545	36.5	0.0623	50.9	0.00162	0.000864	0.00000488	0.0052	0.00326	0.0703	0.0166	0.00000625	21.3	0.0000194
2067 Apr	154	0.17	0.23	0.00545	36.5	0.0623	50.9	0.00162	0.000864	0.00000488	0.0052	0.00326	0.0703	0.0166	0.00000625	21.3	0.0000194
2067 May	155	0.17	0.23	0.00546	36.5	0.0623	51	0.00162	0.000865	0.00000488	0.00521	0.00327	0.0704	0.0166	0.00000626	21.4	0.0000194
2067 Jun	155	0.169	0.229	0.00543	36.3	0.0625	51.5	0.00164	0.000862	0.00000487	0.00523	0.00331	0.0708	0.0167	0.00000626	21.6	0.0000195
2067 Jul	156	0.169	0.23	0.00544	36.4	0.0627	51.7	0.00164	0.000864	0.00000488	0.00524	0.00332	0.0711	0.0168	0.00000628	21.6	0.0000196
2067 Aug	156	0.17	0.23	0.00545	36.4	0.0628	51.7	0.00164	0.000865	0.00000489	0.00525	0.00332	0.0711	0.0168	0.00000629	21.7	0.0000196
2067 Sep	156	0.17	0.23	0.00545	36.4	0.0628	51.8	0.00164	0.000866	0.00000489	0.00525	0.00332	0.0712	0.0168	0.00000629	21.7	0.0000196
2067 Oct	156	0.169	0.23	0.00544	36.3	0.0629	52	0.00165	0.000864	0.00000489	0.00526	0.00334	0.0713	0.0168	0.00000629	21.8	0.0000196
2067 Nov	156	0.169	0.229	0.00543	36.3	0.0629	52.1	0.00165	0.000864	0.00000489	0.00526	0.00335	0.0714	0.0168	0.00000629	21.8	0.0000196
2067 Dec	156	0.169	0.229	0.00543	36.3	0.0629	52.1	0.00165	0.000864	0.00000489	0.00526	0.00335	0.0714	0.0168	0.00000629	21.8	0.0000196
2068 Jan	156	0.169	0.229	0.00543	36.3	0.063	52.1	0.00165	0.000864	0.00000489	0.00526	0.00335	0.0714	0.0168	0.00000629	21.8	0.0000196
2068 Feb	156	0.169	0.229	0.00543	36.3	0.063	52.1	0.00165	0.000864	0.00000489	0.00526	0.00335	0.0714	0.0169	0.00000629	21.8	0.0000196
2068 Mar	156	0.169	0.229	0.00543	36.3	0.063	52.1	0.00165	0.000864	0.00000489	0.00526	0.00335	0.0714	0.0169	0.00000629	21.8	0.0000196
2068 Apr	156	0.169	0.23	0.00544	36.3	0.063	52.1	0.00165	0.000864	0.00000489	0.00526	0.00335	0.0715	0.0169	0.00000629	21.8	0.0000196
2068 May	157	0.169	0.229	0.00543	36.3	0.0631	52.2	0.00166	0.000865	0.00000489	0.00527	0.00336	0.0716	0.0169	0.0000063	21.9	0.0000197
2068 Jun	158	0.168	0.227	0.00537	35.9	0.0634	53.2	0.00168	0.000858	0.00000487	0.00529	0.00344	0.0723	0.017	0.0000063	22.2	0.0000198
2068 Jul	158	0.168	0.227	0.00537	35.9	0.0635	53.4	0.00169	0.000859	0.00000488	0.0053	0.00345	0.0725	0.0171	0.00000631	22.3	0.0000199
2068 Aug	159	0.168	0.228	0.00539	36	0.0637	53.5	0.00169	0.000861	0.00000489	0.00532	0.00346	0.0727	0.0171	0.00000633	22.3	0.0000199
2068 Sep	159	0.168	0.228	0.00539	36	0.0637	53.5	0.00169	0.000862	0.00000489	0.00532	0.00346	0.0727	0.0171	0.00000633	22.4	0.0000199
2068 Oct	159	0.168	0.227	0.00539	36	0.0637	53.6	0.00169	0.000862	0.00000489	0.00532	0.00346	0.0727	0.0171	0.00000633	22.4	0.00002
2068 Nov	159	0.168	0.228	0.00539	36	0.0637	53.6	0.00169	0.000862	0.00000489	0.00532	0.00347	0.0728	0.0171	0.00000633	22.4	0.00002
2068 Dec	159	0.168	0.228	0.00539	36	0.0637	53.6	0.00169	0.000862	0.00000489	0.00532	0.00347	0.0728	0.0171	0.00000633	22.4	0.00002
2069 Jan	159	0.168	0.228	0.00539	36	0.0637	53.6	0.00169	0.000862	0.00000489	0.00532	0.00347	0.0728	0.0171	0.00000633	22.4	0.00002
2069 Feb	159	0.168	0.228	0.00539	36	0.0637	53.6	0.00169	0.000862	0.00000489	0.00532	0.00347	0.0728	0.0171	0.00000633	22.4	0.00002
2069 Mar	159	0.168	0.228	0.00539	36	0.0637	53.6	0.00169	0.000862	0.00000489	0.00532	0.00347	0.0728	0.0171	0.00000633	22.4	0.00002
2069 Apr	159	0.168	0.228	0.00539	36	0.0637	53.6	0.00169	0.000862	0.00000489	0.00532	0.00347	0.0728	0.0171	0.00000633	22.4	0.00002
2069 May	159	0.169	0.228	0.00539	36	0.0638	53.7	0.00169	0.000863	0.0000049	0.00533	0.00347	0.0728	0.0172	0.00000634	22.4	0.00002
2069 Jun	160	0.168	0.226	0.00536	35.8	0.064	54.2	0.00171	0.00086	0.00000489	0.00534	0.00351	0.0732	0.0172	0.00000634	22.6	0.0000201
2069 Jul	160	0.168	0.227	0.00536	35.8	0.0642	54.5	0.00172	0.000861	0.0000049	0.00536	0.00353	0.0735	0.0173	0.00000636	22.7	0.0000202
2069 Aug	160	0.168	0.227	0.00537	35.9	0.0643	54.6	0.00172	0.000862	0.00000491	0.00537	0.00354	0.0736	0.0173	0.00000637	22.7	0.0000202
2069 Sep	161	0.168	0.226	0.00536	35.8	0.0643	54.8	0.00172	0.000861	0.0000049	0.00537	0.00355	0.0738	0.0173	0.00000637	22.8	0.0000202
2069 Oct	161	0.167	0.225	0.00533	35.6	0.0645	55.2	0.00174	0.000859	0.00000489	0.00538	0.00359	0.0741	0.0174	0.00000637	23	0.0000203
2069 Nov	161	0.167	0.225	0.00533	35.6	0.0645	55.3	0.00174	0.000859	0.00000489	0.00539	0.00359	0.0741	0.0174	0.00000637	23	0.0000203
2069 Dec	161	0.167	0.225	0.00533	35.6	0.0645	55.3	0.00174	0.000859	0.00000489	0.00539	0.00359	0.0741	0.0174	0.00000637	23	0.0000203
2070 Jan	161	0.167	0.225	0.00533	35.6	0.0645	55.3	0.00174	0.000859	0.00000489	0.00539	0.00359	0.0741	0.0174	0.00000637	23	0.0000203
2070 Feb	161	0.167	0.225	0.00533	35.6	0.0645	55.3	0.00174	0.000859	0.00000489	0.00539	0.00359	0.0741	0.0174	0.00000637	23	0.0000203
2070 Mar	161	0.167	0.225	0.00533	35.6	0.0645	55.3	0.00174	0.000859	0.00000489	0.00539	0.00359	0.0741	0.0174	0.00000637	23	0.0000203
2070 Apr	161	0.167	0.225	0.00533	35.6	0.0645	55.3	0.00174	0.000859	0.0000049	0.00539	0.00359	0.0741	0.0174	0.00000637	23	0.0000203
2070 May	161	0.167	0.225	0.00533	35.6	0.0646	55.4	0.00174	0.000859	0.0000049	0.00539	0.0036	0.0742	0.0174	0.00000638	23	0.0000203
2070 Jun	162	0.166	0.224	0.0053	35.4	0.0647	55.8	0.00175	0.000857	0.00000489	0.00541	0.00364	0.0745	0.0175	0.00000638	23.2	0.0000204
2070 Jul	162	0.167	0.224	0.00531	35.5	0.0648	56	0.00176	0.000859	0.0000049	0.00542	0.00364	0.0747	0.0175	0.00000639	23.3	0.0000204
2070 Aug	163	0.167	0.225	0.00532	35.5	0.065	56.1	0.00176	0.00086	0.00000491	0.00543	0.00365	0.0748	0.0176	0.0000064	23.3	0.0000205
2070 Sep	163	0.167	0.224	0.00531	35.4	0.065	56.2	0.00177	0.000859	0.00000491	0.00543	0.00367	0.0749	0.0176	0.0000064	23.4	0.0000205
2070 Oct	163	0.166	0.224	0.00529	35.3	0.0651	56.5	0.00177	0.000858	0.0000049	0.00544	0.00369	0.0751	0.0176	0.00000641	23.5	0.0000205
2070 Nov	163	0.166	0.223	0.00529	35.3	0.0651	56.5	0.00177	0.000858	0.0000049	0.00544	0.00369	0.0751	0.0176	0.00000641	23.5	0.0000205
2070 Dec	163	0.166	0.223	0.00529	35.3	0.0651	56.5	0.00177	0.000858	0.0000049	0.00544	0.00369	0.0751	0.0176	0.00000641	23.5	0.0000205
2071 Jan	163	0.166	0.223	0.00529	35.3	0.0651	56.5	0.00177	0.000858	0.0000049	0.00544	0.00369	0.0751	0.0176	0.00000641	23.5	0.0000205
2071 Feb	163	0.166	0.223	0.00529	35.3	0.0651	56.5	0.00177	0.000858	0.0000049	0.00544	0.00369	0.0751	0.0176	0.00000641	23.5	0.0000205
2071 Mar	163	0.166	0.223	0.00529	35.3	0.0651	56.5	0.00177	0.000858	0.0000049	0.00544	0.00369	0.0751	0.0176	0.00000641	23.5	0.0000205
2071 Apr	163	0.166	0.223	0.00529	35.3	0.0651	56.5	0.00177	0.000858	0.0000049	0.00544	0.00369	0.0751	0.0176	0.00000641	23.5	0.0000205
2071 May	163	0.166	0.223	0.00529	35.3	0.0652	56.6	0.00178	0.000858	0.0000049	0.00544	0.0037	0.0752	0.0176	0.00000641	23.5	0.0000206

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2071 Jun	164	0.165	0.221	0.00524	35	0.0653	57.3	0.0018	0.000854	0.00000489	0.00546	0.00375	0.0756	0.0177	0.00000641	23.8	0.0000207
2071 Jul	164	0.165	0.221	0.00524	35	0.0654	57.5	0.0018	0.000855	0.0000049	0.00547	0.00376	0.0758	0.0178	0.00000642	23.8	0.0000207
2071 Aug	165	0.165	0.222	0.00525	35.1	0.0656	57.6	0.0018	0.000856	0.00000491	0.00548	0.00377	0.0759	0.0178	0.00000643	23.9	0.0000207
2071 Sep	165	0.165	0.221	0.00524	35	0.0656	57.7	0.00181	0.000856	0.0000049	0.00548	0.00378	0.076	0.0178	0.00000643	23.9	0.0000208
2071 Oct	165	0.165	0.221	0.00523	35	0.0656	57.8	0.00181	0.000855	0.0000049	0.00548	0.00379	0.0761	0.0178	0.00000643	24	0.0000208
2071 Nov	165	0.165	0.221	0.00523	35	0.0656	57.9	0.00181	0.000855	0.0000049	0.00549	0.00379	0.0761	0.0178	0.00000643	24	0.0000208
2071 Dec	165	0.165	0.221	0.00523	35	0.0656	57.9	0.00181	0.000855	0.0000049	0.00549	0.00379	0.0761	0.0178	0.00000643	24	0.0000208
2072 Jan	165	0.165	0.221	0.00523	35	0.0656	57.9	0.00181	0.000855	0.0000049	0.00549	0.00379	0.0761	0.0178	0.00000643	24	0.0000208
2072 Feb	165	0.165	0.221	0.00523	35	0.0656	57.9	0.00181	0.000855	0.0000049	0.00549	0.00379	0.0761	0.0178	0.00000643	24	0.0000208
2072 Mar	165	0.165	0.221	0.00523	35	0.0656	57.9	0.00181	0.000855	0.0000049	0.00549	0.00379	0.0761	0.0178	0.00000643	24	0.0000208
2072 Apr	165	0.165	0.221	0.00523	35	0.0657	57.9	0.00181	0.000855	0.0000049	0.00549	0.0038	0.0761	0.0178	0.00000644	24	0.0000208
2072 May	165	0.165	0.221	0.00523	35	0.0657	57.9	0.00182	0.000855	0.0000049	0.00549	0.0038	0.0762	0.0178	0.00000644	24	0.0000208
2072 Jun	166	0.165	0.22	0.00522	34.9	0.0658	58.2	0.00182	0.000854	0.0000049	0.0055	0.00382	0.0764	0.0179	0.00000644	24.1	0.0000208
2072 Jul	166	0.165	0.22	0.00521	34.9	0.0659	58.4	0.00183	0.000855	0.00000491	0.00551	0.00384	0.0765	0.0179	0.00000645	24.2	0.0000209
2072 Aug	167	0.164	0.219	0.0052	34.8	0.066	58.7	0.00184	0.000854	0.00000491	0.00552	0.00386	0.0768	0.018	0.00000646	24.3	0.0000209
2072 Sep	167	0.164	0.219	0.00519	34.7	0.0662	59.1	0.00185	0.000853	0.00000491	0.00553	0.00389	0.077	0.018	0.00000646	24.5	0.000021
2072 Oct	167	0.163	0.218	0.00517	34.5	0.0662	59.3	0.00186	0.000851	0.0000049	0.00553	0.00391	0.0771	0.018	0.00000646	24.5	0.000021
2072 Nov	167	0.163	0.218	0.00516	34.5	0.0662	59.3	0.00186	0.000851	0.0000049	0.00553	0.00391	0.0771	0.018	0.00000646	24.6	0.000021
2072 Dec	167	0.163	0.218	0.00516	34.5	0.0662	59.3	0.00186	0.000851	0.0000049	0.00553	0.00391	0.0771	0.018	0.00000646	24.6	0.000021
2073 Jan	167	0.163	0.218	0.00516	34.5	0.0662	59.3	0.00186	0.000851	0.0000049	0.00553	0.00391	0.0771	0.018	0.00000646	24.6	0.000021
2073 Feb	167	0.163	0.218	0.00516	34.5	0.0662	59.3	0.00186	0.000851	0.0000049	0.00553	0.00391	0.0771	0.018	0.00000646	24.6	0.000021
2073 Mar	167	0.163	0.218	0.00516	34.5	0.0662	59.3	0.00186	0.000851	0.0000049	0.00554	0.00391	0.0771	0.018	0.00000646	24.6	0.000021
2073 Apr	167	0.163	0.218	0.00516	34.5	0.0662	59.4	0.00186	0.000852	0.0000049	0.00554	0.00391	0.0771	0.018	0.00000646	24.6	0.000021
2073 May	167	0.163	0.218	0.00516	34.5	0.0663	59.5	0.00186	0.000851	0.0000049	0.00554	0.00392	0.0772	0.0181	0.00000647	24.6	0.000021
2073 Jun	168	0.162	0.216	0.00512	34.3	0.0664	60	0.00188	0.000849	0.00000489	0.00555	0.00396	0.0775	0.0181	0.00000647	24.8	0.0000211
2073 Jul	168	0.162	0.216	0.00512	34.3	0.0665	60.1	0.00188	0.000849	0.0000049	0.00556	0.00397	0.0776	0.0181	0.00000648	24.9	0.0000211
2073 Aug	169	0.162	0.216	0.00513	34.3	0.0666	60.2	0.00189	0.000851	0.00000491	0.00557	0.00398	0.0777	0.0182	0.00000649	24.9	0.0000212
2073 Sep	169	0.162	0.216	0.00512	34.3	0.0667	60.4	0.00189	0.00085	0.00000491	0.00558	0.00399	0.0778	0.0182	0.00000649	25	0.0000212
2073 Oct	169	0.162	0.215	0.00511	34.2	0.0667	60.6	0.0019	0.000849	0.0000049	0.00558	0.00401	0.0779	0.0182	0.00000649	25	0.0000212
2073 Nov	169	0.162	0.215	0.0051	34.1	0.0667	60.6	0.0019	0.000849	0.0000049	0.00558	0.00401	0.078	0.0182	0.00000649	25.1	0.0000212
2073 Dec	169	0.162	0.215	0.0051	34.2	0.0667	60.6	0.0019	0.000849	0.0000049	0.00558	0.00401	0.078	0.0182	0.00000649	25.1	0.0000212
2074 Jan	169	0.162	0.215	0.0051	34.2	0.0667	60.6	0.0019	0.000849	0.0000049	0.00558	0.00401	0.078	0.0182	0.00000649	25.1	0.0000212
2074 Feb	169	0.162	0.215	0.0051	34.2	0.0667	60.6	0.0019	0.000849	0.0000049	0.00558	0.00401	0.078	0.0182	0.00000649	25.1	0.0000212
2074 Mar	169	0.162	0.215	0.0051	34.2	0.0667	60.6	0.0019	0.000849	0.0000049	0.00558	0.00401	0.078	0.0182	0.00000649	25.1	0.0000212
2074 Apr	169	0.162	0.215	0.0051	34.2	0.0667	60.6	0.0019	0.000849	0.0000049	0.00558	0.00401	0.078	0.0182	0.00000649	25.1	0.0000212
2074 May	169	0.161	0.215	0.00509	34.1	0.0668	60.9	0.00191	0.000848	0.0000049	0.00559	0.00403	0.0781	0.0183	0.0000065	25.2	0.0000213
2074 Jun	170	0.16	0.212	0.00504	33.7	0.0669	61.4	0.00192	0.000844	0.00000488	0.0056	0.00408	0.0784	0.0183	0.00000649	25.4	0.0000213
2074 Jul	170	0.16	0.212	0.00504	33.8	0.067	61.6	0.00193	0.000845	0.00000489	0.00561	0.00409	0.0786	0.0184	0.0000065	25.5	0.0000214
2074 Aug	171	0.161	0.213	0.00505	33.9	0.0672	61.8	0.00193	0.000847	0.00000491	0.00562	0.0041	0.0788	0.0184	0.00000652	25.5	0.0000214
2074 Sep	171	0.16	0.213	0.00505	33.8	0.0672	61.8	0.00194	0.000847	0.0000049	0.00562	0.00411	0.0788	0.0184	0.00000652	25.5	0.0000214
2074 Oct	171	0.16	0.212	0.00504	33.8	0.0672	62	0.00194	0.000846	0.0000049	0.00563	0.00412	0.0789	0.0184	0.00000652	25.6	0.0000214
2074 Nov	171	0.16	0.212	0.00503	33.7	0.0672	62	0.00194	0.000846	0.0000049	0.00563	0.00412	0.0789	0.0184	0.00000652	25.6	0.0000214
2074 Dec	171	0.16	0.212	0.00503	33.7	0.0673	62	0.00194	0.000846	0.0000049	0.00563	0.00412	0.0789	0.0184	0.00000652	25.6	0.0000215
2075 Jan	171	0.16	0.212	0.00503	33.7	0.0673	62	0.00194	0.000846	0.0000049	0.00563	0.00412	0.0789	0.0184	0.00000652	25.6	0.0000215
2075 Feb	171	0.16	0.212	0.00503	33.7	0.0673	62	0.00194	0.000846	0.0000049	0.00563	0.00412	0.0789	0.0184	0.00000652	25.6	0.0000215
2075 Mar	171	0.16	0.212	0.00503	33.7	0.0673	62	0.00194	0.000846	0.0000049	0.00563	0.00412	0.0789	0.0184	0.00000652	25.6	0.0000215
2075 Apr	171	0.16	0.212	0.00503	33.8	0.0673	62.1	0.00194	0.000846	0.0000049	0.00563	0.00412	0.0789	0.0184	0.00000652	25.6	0.0000215
2075 May	171	0.16	0.212	0.00504	33.8	0.0673	62.1	0.00194	0.000846	0.0000049	0.00563	0.00413	0.079	0.0185	0.00000652	25.6	0.0000215
2075 Jun	172	0.159	0.21	0.005	33.5	0.0674	62.5	0.00196	0.000843	0.00000489	0.00564	0.00416	0.0792	0.0185	0.00000652	25.8	0.0000215
2075 Jul	172	0.159	0.21	0.00498	33.4	0.0675	62.8	0.00197	0.000843	0.00000489	0.00565	0.00419	0.0794	0.0185	0.00000653	25.9	0.0000216
2075 Aug	172	0.159	0.21	0.00499	33.5	0.0676	62.9	0.00197	0.000844	0.0000049	0.00566	0.00419	0.0795	0.0186	0.00000654	26	0.0000216
2075 Sep	172	0.159	0.21	0.00499	33.5	0.0676	63	0.00197	0.000844	0.0000049	0.00566	0.0042	0.0795	0.0186	0.00000654	26	0.0000216
2075 Oct	173	0.159	0.21	0.00499	33.5	0.0676	63	0.00197	0.000844	0.0000049	0.00566	0.0042	0.0796	0.0186	0.00000654	26	0.0000216
2075 Nov	173	0.159	0.21	0.00499	33.5	0.0676	63	0.00197	0.000844	0.0000049	0.00566	0.0042	0.0796	0.0186	0.00000654	26	0.0000216
2075 Dec	173	0.159	0.21	0.00499	33.5	0.0676	63	0.00197	0.000844	0.0000049	0.00566	0.0042	0.0796	0.0186	0.00000654	26	0.0000216
2076 Jan	173	0.159	0.21	0.00499	33.5	0.0676	63	0.00197	0.000844	0.0000049	0.00566	0.0042	0.0796	0.0186	0.00000654	26	0.0000216
2076 Feb	173	0.159	0.21	0.00499	33.5	0.0676	63	0.00197	0.000844	0.0000049	0.00566	0.0042	0.0796	0.0186	0.00000654	26	0.0000216
2076 Mar	173	0.159	0.21	0.00499	33.5	0.0676	63	0.00197	0.000844	0.0000049	0.00566	0.0042	0.0796	0.0186	0.00000654	26	0.0000216
2076 Apr	173	0.159	0.21	0.00499	33.5	0.0677	63	0.00197	0.000844	0.0000049	0.00567	0.0042	0.0796	0.0186	0.00000654	26	0.0000216
2076 May	173	0.159	0.21	0.00499	33.5	0.0677	63.1	0.00197	0.000845	0.00000491	0.00567	0.00421	0.0797	0.0186	0.00000655	26	0.0000216
2076 Jun	173	0.157	0.208	0.00494	33.2	0.0678	63.6	0.00199	0.000841	0.00000489	0.00568	0.00425	0.0799	0.0187	0.00000654	26.2	0.0000217
2076 Jul	174	0.157	0.208	0.00494	33.2	0.0679	63.8	0.002	0.000842	0.0000049	0.00569	0.00427	0.08	0.0187	0.00000655	26.3	0.0000217
2076 Aug	174	0.158	0.208	0.00495	33.2	0.068	63.9	0.002	0.000843	0.00000491	0.0057	0.00427	0.0802	0.0187	0.00000657	26.4	0.0000218
2076 Sep	174	0.158	0.208	0.00495	33.3	0.0681	64	0.002	0.000844	0.00000491	0.0057	0.00428	0.0802	0.0187	0.00000657	26.4	0.0000218
2076 Oct	174	0.158	0.208	0.00494	33.2	0.068	64	0.002	0.000843	0.00000491	0.0057	0.00428	0.0802	0.0187	0.00000657	26.4	0.0000218

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2076 Nov	174	0.158	0.208	0.00494	33.2	0.068	64	0.002	0.000843	0.00000491	0.0057	0.00428	0.0802	0.0187	0.00000657	26.4	0.0000218
2076 Dec	174	0.158	0.208	0.00494	33.2	0.068	64.1	0.002	0.000843	0.00000491	0.0057	0.00428	0.0802	0.0187	0.00000657	26.4	0.0000218
2077 Jan	174	0.158	0.208	0.00494	33.2	0.068	64.1	0.002	0.000843	0.00000491	0.0057	0.00428	0.0802	0.0187	0.00000657	26.4	0.0000218
2077 Feb	174	0.158	0.208	0.00494	33.2	0.068	64.1	0.002	0.000843	0.00000491	0.0057	0.00428	0.0802	0.0187	0.00000657	26.4	0.0000218
2077 Mar	174	0.158	0.208	0.00494	33.2	0.068	64.1	0.002	0.000843	0.00000491	0.0057	0.00428	0.0802	0.0187	0.00000657	26.4	0.0000218
2077 Apr	174	0.158	0.208	0.00494	33.2	0.0681	64.1	0.00201	0.000843	0.00000491	0.0057	0.00428	0.0803	0.0187	0.00000657	26.4	0.0000218
2077 May	174	0.157	0.208	0.00494	33.2	0.0681	64.2	0.00201	0.000843	0.00000491	0.00571	0.00429	0.0803	0.0188	0.00000657	26.5	0.0000218
2077 Jun	175	0.156	0.206	0.00489	32.9	0.0681	64.6	0.00202	0.00084	0.0000049	0.00571	0.00433	0.0805	0.0188	0.00000657	26.6	0.0000219
2077 Jul	175	0.157	0.206	0.0049	33	0.0683	64.8	0.00203	0.000841	0.00000491	0.00573	0.00434	0.0807	0.0189	0.00000658	26.7	0.0000219
2077 Aug	176	0.157	0.206	0.00491	33	0.0684	64.9	0.00203	0.000843	0.00000492	0.00574	0.00435	0.0808	0.0189	0.00000659	26.8	0.000022
2077 Sep	176	0.156	0.206	0.00489	32.9	0.0684	65.1	0.00204	0.000841	0.00000491	0.00574	0.00437	0.0809	0.0189	0.00000659	26.8	0.000022
2077 Oct	176	0.156	0.205	0.00489	32.9	0.0685	65.2	0.00204	0.000841	0.00000491	0.00574	0.00438	0.081	0.0189	0.00000659	26.9	0.000022
2077 Nov	176	0.156	0.205	0.00489	32.9	0.0685	65.2	0.00204	0.000841	0.00000491	0.00574	0.00438	0.081	0.0189	0.00000659	26.9	0.000022
2077 Dec	176	0.156	0.205	0.00489	32.9	0.0685	65.2	0.00204	0.000841	0.00000491	0.00574	0.00438	0.081	0.0189	0.00000659	26.9	0.000022
2078 Jan	176	0.156	0.205	0.00489	32.9	0.0685	65.2	0.00204	0.000841	0.00000491	0.00574	0.00438	0.081	0.0189	0.00000659	26.9	0.000022
2078 Feb	176	0.156	0.205	0.00489	32.9	0.0685	65.2	0.00204	0.000841	0.00000491	0.00574	0.00438	0.081	0.0189	0.00000659	26.9	0.000022
2078 Mar	176	0.156	0.205	0.00489	32.9	0.0685	65.2	0.00204	0.000841	0.00000491	0.00574	0.00438	0.081	0.0189	0.00000659	26.9	0.000022
2078 Apr	176	0.156	0.205	0.00489	32.9	0.0685	65.2	0.00204	0.000841	0.00000491	0.00574	0.00438	0.081	0.0189	0.00000659	26.9	0.000022
2078 May	176	0.156	0.205	0.00487	32.8	0.0686	65.5	0.00205	0.000841	0.00000491	0.00575	0.0044	0.0811	0.019	0.0000066	27	0.000022
2078 Jun	177	0.154	0.203	0.00483	32.5	0.0686	66	0.00207	0.000837	0.0000049	0.00576	0.00444	0.0813	0.019	0.00000659	27.2	0.0000221
2078 Jul	177	0.155	0.203	0.00483	32.6	0.0687	66.1	0.00207	0.000839	0.00000491	0.00577	0.00445	0.0814	0.0191	0.00000661	27.3	0.0000221
2078 Aug	177	0.155	0.203	0.00484	32.6	0.0688	66.2	0.00208	0.00084	0.00000492	0.00578	0.00446	0.0815	0.0191	0.00000661	27.3	0.0000221
2078 Sep	178	0.155	0.203	0.00484	32.6	0.0688	66.3	0.00208	0.00084	0.00000492	0.00578	0.00446	0.0816	0.0191	0.00000662	27.3	0.0000221
2078 Oct	178	0.155	0.203	0.00483	32.6	0.0689	66.4	0.00208	0.000839	0.00000492	0.00578	0.00447	0.0817	0.0191	0.00000662	27.4	0.0000222
2078 Nov	178	0.155	0.203	0.00483	32.6	0.0689	66.4	0.00208	0.000839	0.00000492	0.00578	0.00447	0.0817	0.0191	0.00000662	27.4	0.0000222
2078 Dec	178	0.155	0.203	0.00483	32.6	0.0689	66.4	0.00208	0.000839	0.00000492	0.00578	0.00448	0.0817	0.0191	0.00000662	27.4	0.0000222
2079 Jan	178	0.155	0.203	0.00483	32.6	0.0689	66.4	0.00208	0.000839	0.00000492	0.00578	0.00448	0.0817	0.0191	0.00000662	27.4	0.0000222
2079 Feb	178	0.155	0.203	0.00483	32.6	0.0689	66.4	0.00208	0.000839	0.00000492	0.00578	0.00448	0.0817	0.0191	0.00000662	27.4	0.0000222
2079 Mar	178	0.155	0.203	0.00483	32.6	0.0689	66.4	0.00208	0.000839	0.00000492	0.00578	0.00448	0.0817	0.0191	0.00000662	27.4	0.0000222
2079 Apr	178	0.155	0.203	0.00483	32.6	0.0689	66.5	0.00208	0.00084	0.00000492	0.00578	0.00448	0.0817	0.0191	0.00000662	27.4	0.0000222
2079 May	178	0.155	0.203	0.00483	32.6	0.0689	66.5	0.00209	0.00084	0.00000492	0.00579	0.00448	0.0818	0.0191	0.00000663	27.4	0.0000222
2079 Jun	178	0.153	0.201	0.00479	32.3	0.0689	66.9	0.0021	0.000837	0.00000491	0.00579	0.00452	0.0819	0.0192	0.00000662	27.6	0.0000222
2079 Jul	179	0.153	0.2	0.00478	32.3	0.069	67.1	0.00211	0.000837	0.00000491	0.0058	0.00453	0.082	0.0192	0.00000663	27.7	0.0000223
2079 Aug	179	0.153	0.201	0.00479	32.3	0.0691	67.3	0.00211	0.000838	0.00000492	0.00581	0.00454	0.0821	0.0192	0.00000664	27.7	0.0000223
2079 Sep	179	0.153	0.2	0.00478	32.3	0.0692	67.4	0.00212	0.000838	0.00000492	0.00581	0.00456	0.0822	0.0193	0.00000664	27.8	0.0000223
2079 Oct	179	0.153	0.2	0.00477	32.2	0.0692	67.5	0.00212	0.000837	0.00000492	0.00582	0.00456	0.0823	0.0193	0.00000664	27.8	0.0000223
2079 Nov	179	0.153	0.2	0.00476	32.2	0.0692	67.6	0.00212	0.000837	0.00000492	0.00582	0.00457	0.0823	0.0193	0.00000664	27.9	0.0000223
2079 Dec	179	0.153	0.2	0.00476	32.2	0.0692	67.6	0.00212	0.000836	0.00000492	0.00582	0.00457	0.0823	0.0193	0.00000664	27.9	0.0000223
2080 Jan	179	0.153	0.2	0.00476	32.2	0.0692	67.6	0.00212	0.000836	0.00000492	0.00582	0.00457	0.0823	0.0193	0.00000664	27.9	0.0000223
2080 Feb	179	0.153	0.2	0.00476	32.2	0.0692	67.6	0.00212	0.000836	0.00000492	0.00582	0.00457	0.0823	0.0193	0.00000664	27.9	0.0000223
2080 Mar	179	0.153	0.2	0.00476	32.2	0.0692	67.6	0.00212	0.000836	0.00000492	0.00582	0.00457	0.0823	0.0193	0.00000664	27.9	0.0000223
2080 Apr	179	0.153	0.2	0.00476	32.2	0.0692	67.6	0.00212	0.000837	0.00000492	0.00582	0.00457	0.0823	0.0193	0.00000664	27.9	0.0000223
2080 May	180	0.153	0.2	0.00477	32.2	0.0693	67.7	0.00212	0.000837	0.00000492	0.00582	0.00457	0.0824	0.0193	0.00000664	27.9	0.0000223
2080 Jun	180	0.152	0.199	0.00474	32.1	0.0693	67.9	0.00213	0.000836	0.00000491	0.00583	0.00459	0.0824	0.0193	0.00000664	28	0.0000224
2080 Jul	180	0.152	0.198	0.00473	32	0.0694	68.2	0.00214	0.000835	0.00000492	0.00584	0.00462	0.0826	0.0193	0.00000665	28.1	0.0000224
2080 Aug	180	0.152	0.198	0.00473	32	0.0695	68.3	0.00215	0.000836	0.00000492	0.00584	0.00463	0.0827	0.0194	0.00000666	28.1	0.0000224
2080 Sep	181	0.152	0.198	0.00472	31.9	0.0695	68.5	0.00215	0.000835	0.00000492	0.00585	0.00464	0.0828	0.0194	0.00000666	28.2	0.0000225
2080 Oct	181	0.151	0.197	0.00471	31.9	0.0695	68.6	0.00216	0.000835	0.00000492	0.00585	0.00465	0.0828	0.0194	0.00000666	28.2	0.0000225
2080 Nov	181	0.151	0.197	0.0047	31.8	0.0695	68.6	0.00216	0.000835	0.00000492	0.00585	0.00465	0.0828	0.0194	0.00000666	28.3	0.0000225
2080 Dec	181	0.151	0.197	0.0047	31.8	0.0695	68.6	0.00216	0.000835	0.00000492	0.00585	0.00465	0.0828	0.0194	0.00000666	28.3	0.0000225
2081 Jan	181	0.151	0.197	0.0047	31.8	0.0695	68.6	0.00216	0.000835	0.00000492	0.00585	0.00465	0.0828	0.0194	0.00000666	28.3	0.0000225
2081 Feb	181	0.151	0.197	0.0047	31.8	0.0695	68.6	0.00216	0.000835	0.00000492	0.00585	0.00465	0.0828	0.0194	0.00000666	28.3	0.0000225
2081 Mar	181	0.151	0.197	0.0047	31.8	0.0695	68.6	0.00216	0.000835	0.00000492	0.00585	0.00465	0.0828	0.0194	0.00000666	28.3	0.0000225
2081 Apr	181	0.151	0.197	0.0047	31.9	0.0695	68.7	0.00216	0.000835	0.00000492	0.00585	0.00466	0.0828	0.0194	0.00000666	28.3	0.0000225
2081 May	181	0.151	0.197	0.0047	31.8	0.0696	68.8	0.00216	0.000835	0.00000492	0.00586	0.00467	0.0829	0.0194	0.00000666	28.3	0.0000225
2081 Jun	181	0.15	0.195	0.00467	31.6	0.0696	69.1	0.00217	0.000833	0.00000491	0.00586	0.00469	0.083	0.0194	0.00000666	28.4	0.0000225
2081 Jul	182	0.15	0.196	0.00468	31.7	0.0697	69.3	0.00218	0.000835	0.00000492	0.00587	0.0047	0.0832	0.0195	0.00000668	28.5	0.0000226
2081 Aug	182	0.151	0.196	0.00469	31.8	0.0699	69.4	0.00219	0.000837	0.00000494	0.00589	0.00472	0.0834	0.0195	0.00000669	28.6	0.0000226
2081 Sep	182	0.151	0.196	0.00469	31.8	0.0699	69.4	0.00219	0.000837	0.00000494	0.00589	0.00472	0.0834	0.0195	0.00000669	28.6	0.0000226
2081 Oct	182	0.151	0.196	0.00469	31.8	0.0699	69.4	0.00219	0.000837	0.00000494	0.00589	0.00472	0.0834	0.0195	0.00000669	28.6	0.0000226
2081 Nov	182	0.151	0.196	0.00469	31.8	0.0699	69.4	0.00219	0.000836	0.00000493	0.00589	0.00471	0.0833	0.0195	0.00000669	28.6	0.0000226
2081 Dec	182	0.151	0.196	0.00469	31.8	0.0699	69.4	0.00219	0.000836	0.00000493	0.00589	0.00471	0.0833	0.0195	0.00000669	28.6	0.0000226
2082 Jan	182	0.151	0.196	0.00469	31.8	0.0699	69.4	0.00219	0.000836	0.00000493	0.00589	0.00472	0.0833	0.0195	0.00000669	28.6	0.0000226
2082 Feb	182	0.151	0.196	0.00469	31.8	0.0699	69.4	0.00219	0.000836	0.00000493	0.00589	0.00472	0.0833	0.0195	0.00000669	28.6	0.0000226
2082 Mar	182	0.151	0.196	0.00469	31.8	0.0699	69.4	0.00219	0.000836	0.00000493	0.00589	0.00472	0.0833	0.0195	0.00000669	28.6	0.0000226

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2082 Apr	182	0.151	0.196	0.00469	31.8	0.0699	69.4	0.00219	0.000836	0.00000493	0.00589	0.00472	0.0834	0.0195	0.00000669	28.6	0.0000226
2082 May	182	0.151	0.196	0.00469	31.8	0.0699	69.5	0.00219	0.000837	0.00000494	0.00589	0.00472	0.0834	0.0195	0.0000067	28.6	0.0000226
2082 Jun	183	0.15	0.194	0.00465	31.5	0.0699	69.9	0.0022	0.000834	0.00000493	0.0059	0.00476	0.0835	0.0196	0.00000669	28.8	0.0000227
2082 Jul	183	0.149	0.193	0.00462	31.4	0.07	70.2	0.00222	0.000833	0.00000493	0.00591	0.00479	0.0836	0.0196	0.0000067	28.9	0.0000227
2082 Aug	184	0.149	0.193	0.00463	31.4	0.0701	70.4	0.00222	0.000834	0.00000494	0.00592	0.00479	0.0838	0.0196	0.00000671	29	0.0000227
2082 Sep	184	0.149	0.193	0.00463	31.4	0.0702	70.4	0.00222	0.000835	0.00000494	0.00592	0.0048	0.0838	0.0196	0.00000671	29	0.0000227
2082 Oct	184	0.149	0.193	0.00461	31.3	0.0701	70.5	0.00223	0.000833	0.00000493	0.00592	0.00481	0.0838	0.0196	0.0000067	29	0.0000227
2082 Nov	184	0.149	0.193	0.00461	31.3	0.0701	70.5	0.00223	0.000833	0.00000493	0.00592	0.00481	0.0838	0.0196	0.00000671	29	0.0000227
2082 Dec	184	0.149	0.193	0.00461	31.3	0.0701	70.5	0.00223	0.000833	0.00000493	0.00592	0.00481	0.0838	0.0196	0.00000671	29	0.0000227
2083 Jan	184	0.149	0.193	0.00461	31.3	0.0701	70.5	0.00223	0.000833	0.00000493	0.00592	0.00481	0.0838	0.0196	0.00000671	29	0.0000227
2083 Feb	184	0.149	0.193	0.00462	31.3	0.0701	70.5	0.00223	0.000833	0.00000493	0.00592	0.00481	0.0838	0.0196	0.00000671	29	0.0000227
2083 Mar	184	0.149	0.193	0.00462	31.3	0.0701	70.5	0.00223	0.000833	0.00000493	0.00592	0.00481	0.0838	0.0196	0.00000671	29	0.0000227
2083 Apr	184	0.149	0.193	0.00462	31.3	0.0701	70.5	0.00223	0.000834	0.00000493	0.00592	0.00481	0.0838	0.0196	0.00000671	29	0.0000227
2083 May	184	0.149	0.193	0.00461	31.3	0.0702	70.7	0.00223	0.000834	0.00000494	0.00593	0.00482	0.0839	0.0196	0.00000671	29.1	0.0000228
2083 Jun	184	0.147	0.19	0.00456	31	0.0701	71.1	0.00225	0.00083	0.00000492	0.00593	0.00486	0.0839	0.0197	0.0000067	29.3	0.0000228
2083 Jul	185	0.147	0.19	0.00456	31	0.0702	71.3	0.00226	0.000831	0.00000493	0.00594	0.00487	0.084	0.0197	0.00000671	29.3	0.0000228
2083 Aug	185	0.147	0.19	0.00456	31	0.0703	71.4	0.00226	0.000832	0.00000493	0.00595	0.00488	0.0841	0.0197	0.00000672	29.4	0.0000228
2083 Sep	185	0.147	0.189	0.00455	30.9	0.0703	71.6	0.00227	0.000831	0.00000493	0.00595	0.0049	0.0842	0.0197	0.00000672	29.5	0.0000229
2083 Oct	185	0.146	0.189	0.00453	30.8	0.0703	71.7	0.00227	0.000829	0.00000493	0.00595	0.00491	0.0842	0.0197	0.00000672	29.5	0.0000229
2083 Nov	185	0.146	0.188	0.00452	30.8	0.0703	71.8	0.00227	0.000829	0.00000492	0.00595	0.00492	0.0842	0.0197	0.00000672	29.5	0.0000229
2083 Dec	185	0.146	0.188	0.00452	30.8	0.0703	71.8	0.00228	0.000829	0.00000492	0.00595	0.00492	0.0842	0.0197	0.00000672	29.5	0.0000229
2084 Jan	185	0.146	0.188	0.00452	30.8	0.0703	71.8	0.00228	0.000829	0.00000492	0.00595	0.00492	0.0842	0.0197	0.00000672	29.5	0.0000229
2084 Feb	185	0.146	0.188	0.00452	30.8	0.0703	71.8	0.00228	0.000829	0.00000492	0.00595	0.00492	0.0842	0.0197	0.00000672	29.5	0.0000229
2084 Mar	185	0.146	0.188	0.00452	30.8	0.0703	71.8	0.00228	0.000829	0.00000492	0.00595	0.00492	0.0842	0.0197	0.00000672	29.5	0.0000229
2084 Apr	185	0.146	0.188	0.00452	30.8	0.0703	71.8	0.00228	0.000829	0.00000493	0.00595	0.00492	0.0842	0.0197	0.00000672	29.6	0.0000229
2084 May	186	0.146	0.188	0.00452	30.8	0.0704	71.9	0.00228	0.000829	0.00000493	0.00595	0.00493	0.0842	0.0198	0.00000672	29.6	0.0000229
2084 Jun	186	0.145	0.186	0.00447	30.5	0.0702	72.2	0.00229	0.000826	0.00000491	0.00595	0.00495	0.0841	0.0198	0.00000671	29.7	0.0000229
2084 Jul	186	0.145	0.186	0.00447	30.5	0.0703	72.3	0.0023	0.000827	0.00000492	0.00596	0.00496	0.0843	0.0198	0.00000672	29.8	0.0000229
2084 Aug	186	0.145	0.186	0.00448	30.6	0.0704	72.4	0.0023	0.000828	0.00000493	0.00597	0.00497	0.0844	0.0198	0.00000673	29.8	0.0000229
2084 Sep	186	0.145	0.186	0.00447	30.5	0.0705	72.5	0.0023	0.000828	0.00000493	0.00597	0.00498	0.0844	0.0198	0.00000673	29.9	0.0000229
2084 Oct	186	0.144	0.186	0.00446	30.4	0.0704	72.6	0.00231	0.000826	0.00000492	0.00597	0.00499	0.0844	0.0198	0.00000673	29.9	0.0000229
2084 Nov	186	0.144	0.185	0.00446	30.4	0.0704	72.7	0.00231	0.000826	0.00000492	0.00597	0.00499	0.0844	0.0198	0.00000672	29.9	0.0000229
2084 Dec	186	0.144	0.185	0.00446	30.4	0.0704	72.7	0.00231	0.000826	0.00000492	0.00597	0.00499	0.0844	0.0198	0.00000672	29.9	0.0000229
2085 Jan	186	0.144	0.185	0.00446	30.4	0.0704	72.7	0.00231	0.000826	0.00000492	0.00597	0.00499	0.0844	0.0198	0.00000672	29.9	0.0000229
2085 Feb	187	0.144	0.185	0.00446	30.4	0.0704	72.7	0.00231	0.000826	0.00000492	0.00597	0.00499	0.0844	0.0198	0.00000672	29.9	0.0000229
2085 Mar	187	0.144	0.185	0.00446	30.4	0.0704	72.7	0.00231	0.000826	0.00000492	0.00597	0.00499	0.0844	0.0198	0.00000673	29.9	0.0000229
2085 Apr	187	0.144	0.185	0.00446	30.4	0.0704	72.7	0.00231	0.000826	0.00000492	0.00597	0.00499	0.0844	0.0198	0.00000673	29.9	0.0000229
2085 May	187	0.144	0.185	0.00445	30.4	0.0705	72.8	0.00231	0.000826	0.00000492	0.00597	0.005	0.0845	0.0199	0.00000673	30	0.000023
2085 Jun	187	0.143	0.184	0.00443	30.3	0.0704	72.9	0.00232	0.000825	0.00000492	0.00597	0.00502	0.0845	0.0199	0.00000673	30	0.000023
2085 Jul	187	0.144	0.184	0.00444	30.3	0.0706	73.1	0.00232	0.000827	0.00000493	0.00599	0.00503	0.0846	0.0199	0.00000674	30.1	0.000023
2085 Aug	187	0.143	0.184	0.00443	30.3	0.0706	73.2	0.00233	0.000826	0.00000493	0.00599	0.00504	0.0847	0.0199	0.00000674	30.2	0.000023
2085 Sep	188	0.143	0.183	0.00441	30.2	0.0706	73.4	0.00234	0.000825	0.00000492	0.00599	0.00506	0.0847	0.0199	0.00000674	30.2	0.000023
2085 Oct	188	0.143	0.183	0.0044	30.1	0.0706	73.5	0.00234	0.000824	0.00000492	0.00599	0.00507	0.0847	0.0199	0.00000674	30.3	0.000023
2085 Nov	188	0.142	0.182	0.00439	30.1	0.0706	73.5	0.00234	0.000823	0.00000492	0.00599	0.00507	0.0847	0.0199	0.00000673	30.3	0.000023
2085 Dec	188	0.142	0.182	0.00439	30.1	0.0706	73.5	0.00234	0.000823	0.00000492	0.00599	0.00507	0.0847	0.0199	0.00000673	30.3	0.000023
2086 Jan	188	0.142	0.182	0.00439	30.1	0.0706	73.5	0.00234	0.000823	0.00000492	0.00599	0.00507	0.0847	0.0199	0.00000673	30.3	0.000023
2086 Feb	188	0.142	0.182	0.00439	30.1	0.0706	73.5	0.00234	0.000823	0.00000492	0.00599	0.00507	0.0847	0.0199	0.00000673	30.3	0.000023
2086 Mar	188	0.142	0.182	0.00439	30.1	0.0706	73.5	0.00234	0.000823	0.00000492	0.00599	0.00507	0.0847	0.0199	0.00000673	30.3	0.000023
2086 Apr	188	0.142	0.182	0.00439	30.1	0.0706	73.6	0.00234	0.000824	0.00000492	0.00599	0.00507	0.0847	0.0199	0.00000674	30.3	0.000023
2086 May	188	0.142	0.183	0.0044	30.1	0.0706	73.6	0.00235	0.000824	0.00000492	0.006	0.00507	0.0848	0.02	0.00000674	30.3	0.000023
2086 Jun	188	0.141	0.181	0.00435	29.8	0.0705	73.8	0.00235	0.000821	0.00000491	0.00599	0.0051	0.0847	0.02	0.00000673	30.4	0.000023
2086 Jul	188	0.141	0.18	0.00435	29.8	0.0706	74	0.00236	0.000822	0.00000491	0.006	0.00511	0.0848	0.02	0.00000674	30.5	0.0000231
2086 Aug	189	0.141	0.181	0.00435	29.9	0.0707	74.2	0.00237	0.000822	0.00000492	0.00601	0.00512	0.0849	0.02	0.00000675	30.6	0.0000231
2086 Sep	189	0.141	0.18	0.00434	29.8	0.0707	74.3	0.00237	0.000822	0.00000492	0.00601	0.00513	0.085	0.02	0.00000675	30.6	0.0000231
2086 Oct	189	0.141	0.18	0.00434	29.8	0.0707	74.4	0.00237	0.000822	0.00000492	0.00601	0.00514	0.085	0.02	0.00000675	30.7	0.0000231
2086 Nov	189	0.141	0.18	0.00434	29.8	0.0708	74.4	0.00237	0.000822	0.00000492	0.00601	0.00514	0.085	0.02	0.00000675	30.7	0.0000231
2086 Dec	189	0.141	0.18	0.00434	29.8	0.0708	74.4	0.00237	0.000822	0.00000492	0.00601	0.00514	0.085	0.02	0.00000675	30.7	0.0000231
2087 Jan	189	0.141	0.18	0.00434	29.8	0.0708	74.4	0.00237	0.000822	0.00000492	0.00601	0.00514	0.085	0.02	0.00000675	30.7	0.0000231
2087 Feb	189	0.141	0.18	0.00434	29.8	0.0708	74.4	0.00237	0.000822	0.00000492	0.00601	0.00514	0.085	0.02	0.00000675	30.7	0.0000231
2087 Mar	189	0.141	0.18	0.00434	29.8	0.0708	74.4	0.00237	0.000822	0.00000492	0.00601	0.00514	0.085	0.02	0.00000675	30.7	0.0000231
2087 Apr	189	0.141	0.18	0.00434	29.8	0.0708	74.4	0.00237	0.000822	0.00000492	0.00602	0.00514	0.085	0.0201	0.00000675	30.7	0.0000231
2087 May	189	0.141	0.18	0.00433	29.8	0.0708	74.4	0.00238	0.000822	0.00000492	0.00602	0.00514	0.085	0.0201	0.00000675	30.7	0.0000231
2087 Jun	189	0.14	0.178	0.00431	29.6	0.0707	74.6	0.00238	0.00082	0.00000491	0.00602	0.00516	0.085	0.0201	0.00000674	30.8	0.0000231
2087 Jul	189	0.14	0.179	0.00431	29.6	0.0708	74.7	0.00239	0.000821	0.00000492	0.00602	0.00517	0.0851	0.0201	0.00000675	30.8	0.0000231
2087 Aug	190	0.14	0.179	0.00432	29.7	0.0709	74.8	0.00239	0.000822	0.00000493	0.00604	0.00518	0.0853	0.0201	0.00000676	30.9	0.0000232

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2087 Sep	190	0.14	0.179	0.00432	29.7	0.071	74.9	0.00239	0.000823	0.00000493	0.00604	0.00519	0.0853	0.0202	0.00000677	30.9	0.0000232
2087 Oct	190	0.14	0.179	0.00432	29.7	0.071	75	0.0024	0.000823	0.00000493	0.00604	0.00519	0.0853	0.0202	0.00000677	30.9	0.0000232
2087 Nov	190	0.14	0.179	0.00431	29.6	0.071	75	0.0024	0.000822	0.00000493	0.00604	0.00519	0.0854	0.0202	0.00000677	30.9	0.0000232
2087 Dec	190	0.14	0.179	0.00431	29.6	0.071	75	0.0024	0.000822	0.00000493	0.00604	0.00519	0.0854	0.0202	0.00000677	30.9	0.0000232
2088 Jan	190	0.14	0.179	0.00431	29.6	0.071	75	0.0024	0.000822	0.00000493	0.00604	0.00519	0.0854	0.0202	0.00000677	30.9	0.0000232
2088 Feb	190	0.14	0.179	0.00431	29.6	0.071	75	0.0024	0.000822	0.00000493	0.00604	0.00519	0.0854	0.0202	0.00000677	30.9	0.0000232
2088 Mar	190	0.14	0.179	0.00431	29.6	0.071	75	0.0024	0.000822	0.00000493	0.00604	0.00519	0.0854	0.0202	0.00000677	30.9	0.0000232
2088 Apr	190	0.14	0.179	0.00432	29.7	0.071	75.1	0.0024	0.000823	0.00000493	0.00604	0.00519	0.0854	0.0202	0.00000677	31	0.0000232
2088 May	190	0.14	0.179	0.00432	29.7	0.0711	75.1	0.0024	0.000824	0.00000494	0.00605	0.0052	0.0855	0.0202	0.00000678	31	0.0000232
2088 Jun	190	0.14	0.178	0.0043	29.6	0.0711	75.3	0.00241	0.000822	0.00000493	0.00605	0.00521	0.0854	0.0202	0.00000678	31	0.0000232
2088 Jul	191	0.14	0.178	0.0043	29.6	0.0712	75.5	0.00241	0.000824	0.00000494	0.00606	0.00523	0.0856	0.0202	0.00000679	31.1	0.0000233
2088 Aug	191	0.14	0.179	0.00431	29.7	0.0714	75.7	0.00242	0.000826	0.00000495	0.00608	0.00524	0.0858	0.0203	0.00000681	31.2	0.0000234
2088 Sep	192	0.14	0.179	0.00432	29.7	0.0714	75.7	0.00242	0.000826	0.00000496	0.00608	0.00525	0.0859	0.0203	0.00000681	31.2	0.0000234
2088 Oct	191	0.14	0.178	0.00431	29.6	0.0714	75.7	0.00242	0.000825	0.00000495	0.00608	0.00524	0.0858	0.0203	0.0000068	31.2	0.0000233
2088 Nov	191	0.14	0.178	0.0043	29.6	0.0714	75.7	0.00242	0.000825	0.00000495	0.00608	0.00525	0.0858	0.0203	0.0000068	31.2	0.0000233
2088 Dec	191	0.14	0.178	0.0043	29.6	0.0714	75.7	0.00242	0.000825	0.00000495	0.00608	0.00525	0.0858	0.0203	0.0000068	31.2	0.0000233
2089 Jan	191	0.14	0.178	0.0043	29.6	0.0714	75.7	0.00242	0.000825	0.00000495	0.00608	0.00525	0.0858	0.0203	0.0000068	31.2	0.0000233
2089 Feb	191	0.14	0.178	0.0043	29.6	0.0714	75.7	0.00242	0.000825	0.00000495	0.00608	0.00525	0.0858	0.0203	0.0000068	31.2	0.0000233
2089 Mar	191	0.14	0.178	0.0043	29.6	0.0714	75.7	0.00242	0.000825	0.00000495	0.00608	0.00525	0.0858	0.0203	0.0000068	31.2	0.0000233
2089 Apr	191	0.14	0.178	0.0043	29.6	0.0714	75.7	0.00242	0.000825	0.00000495	0.00608	0.00525	0.0858	0.0203	0.0000068	31.2	0.0000234
2089 May	192	0.14	0.178	0.0043	29.6	0.0714	75.8	0.00243	0.000825	0.00000495	0.00608	0.00526	0.0859	0.0203	0.00000681	31.3	0.0000234
2089 Jun	192	0.139	0.177	0.00428	29.5	0.0714	76.1	0.00244	0.000825	0.00000495	0.00609	0.00528	0.0859	0.0203	0.00000681	31.4	0.0000234
2089 Jul	192	0.14	0.177	0.00429	29.5	0.0716	76.2	0.00244	0.000826	0.00000496	0.0061	0.00529	0.0861	0.0204	0.00000682	31.5	0.0000234
2089 Aug	193	0.14	0.177	0.00429	29.6	0.0717	76.4	0.00245	0.000827	0.00000497	0.00611	0.0053	0.0862	0.0204	0.00000683	31.5	0.0000235
2089 Sep	193	0.14	0.177	0.00429	29.6	0.0717	76.5	0.00245	0.000827	0.00000497	0.00612	0.00531	0.0863	0.0204	0.00000684	31.6	0.0000235
2089 Oct	193	0.139	0.176	0.00427	29.4	0.0717	76.7	0.00246	0.000826	0.00000497	0.00611	0.00533	0.0863	0.0204	0.00000683	31.6	0.0000235
2089 Nov	193	0.139	0.176	0.00426	29.4	0.0717	76.7	0.00246	0.000826	0.00000497	0.00612	0.00533	0.0863	0.0204	0.00000683	31.7	0.0000235
2089 Dec	193	0.139	0.176	0.00426	29.4	0.0717	76.7	0.00246	0.000826	0.00000497	0.00612	0.00533	0.0863	0.0204	0.00000683	31.7	0.0000235
2090 Jan	193	0.139	0.176	0.00426	29.4	0.0717	76.7	0.00246	0.000826	0.00000497	0.00612	0.00533	0.0863	0.0204	0.00000683	31.7	0.0000235
2090 Feb	193	0.139	0.176	0.00426	29.4	0.0717	76.7	0.00246	0.000826	0.00000497	0.00612	0.00533	0.0863	0.0204	0.00000683	31.7	0.0000235
2090 Mar	193	0.139	0.176	0.00426	29.4	0.0717	76.7	0.00246	0.000826	0.00000497	0.00612	0.00533	0.0863	0.0204	0.00000683	31.7	0.0000235
2090 Apr	193	0.139	0.176	0.00426	29.4	0.0717	76.7	0.00246	0.000826	0.00000497	0.00612	0.00533	0.0863	0.0204	0.00000684	31.7	0.0000235
2090 May	193	0.139	0.176	0.00427	29.4	0.0718	76.8	0.00246	0.000826	0.00000497	0.00612	0.00533	0.0864	0.0205	0.00000684	31.7	0.0000235
2090 Jun	194	0.138	0.174	0.00422	29.2	0.0717	77.2	0.00248	0.000823	0.00000496	0.00612	0.00537	0.0863	0.0205	0.00000683	31.9	0.0000235
2090 Jul	194	0.138	0.174	0.00422	29.2	0.0718	77.3	0.00249	0.000824	0.00000497	0.00613	0.00538	0.0865	0.0205	0.00000684	31.9	0.0000235
2090 Aug	194	0.137	0.173	0.0042	29.1	0.0718	77.5	0.00249	0.000823	0.00000496	0.00614	0.0054	0.0865	0.0205	0.00000684	32	0.0000236
2090 Sep	195	0.137	0.172	0.00418	29	0.0718	77.7	0.0025	0.000822	0.00000496	0.00613	0.00542	0.0865	0.0205	0.00000684	32.1	0.0000235
2090 Oct	195	0.136	0.171	0.00416	28.8	0.0717	77.8	0.00251	0.00082	0.00000495	0.00613	0.00543	0.0864	0.0205	0.00000683	32.1	0.0000235
2090 Nov	195	0.136	0.171	0.00415	28.8	0.0717	77.8	0.00251	0.000819	0.00000495	0.00613	0.00543	0.0864	0.0205	0.00000683	32.2	0.0000235
2090 Dec	195	0.136	0.171	0.00415	28.8	0.0717	77.8	0.00251	0.000819	0.00000495	0.00613	0.00543	0.0864	0.0205	0.00000683	32.2	0.0000235
2091 Jan	195	0.136	0.171	0.00415	28.8	0.0717	77.8	0.00251	0.000819	0.00000495	0.00613	0.00543	0.0864	0.0205	0.00000683	32.2	0.0000235
2091 Feb	195	0.136	0.171	0.00415	28.8	0.0717	77.8	0.00251	0.000819	0.00000495	0.00613	0.00543	0.0864	0.0205	0.00000683	32.2	0.0000235
2091 Mar	195	0.136	0.171	0.00415	28.8	0.0717	77.9	0.00251	0.000819	0.00000495	0.00613	0.00543	0.0864	0.0205	0.00000683	32.2	0.0000235
2091 Apr	195	0.136	0.171	0.00415	28.8	0.0717	77.9	0.00251	0.00082	0.00000495	0.00613	0.00543	0.0864	0.0205	0.00000683	32.2	0.0000235
2091 May	195	0.136	0.171	0.00415	28.8	0.0718	77.9	0.00251	0.00082	0.00000495	0.00614	0.00544	0.0865	0.0205	0.00000683	32.2	0.0000235
2091 Jun	195	0.135	0.17	0.00412	28.6	0.0717	78.1	0.00252	0.000818	0.00000494	0.00613	0.00545	0.0864	0.0206	0.00000682	32.3	0.0000235
2091 Jul	195	0.135	0.17	0.00413	28.7	0.0718	78.3	0.00252	0.000819	0.00000495	0.00615	0.00547	0.0866	0.0206	0.00000684	32.4	0.0000236
2091 Aug	195	0.135	0.17	0.00413	28.7	0.0719	78.4	0.00253	0.000819	0.00000495	0.00615	0.00548	0.0866	0.0206	0.00000684	32.4	0.0000236
2091 Sep	196	0.135	0.169	0.00412	28.6	0.0719	78.5	0.00253	0.000819	0.00000495	0.00615	0.00549	0.0866	0.0206	0.00000684	32.5	0.0000236
2091 Oct	196	0.134	0.169	0.0041	28.5	0.0718	78.6	0.00254	0.000818	0.00000495	0.00615	0.00549	0.0866	0.0206	0.00000684	32.5	0.0000236
2091 Nov	196	0.134	0.168	0.00409	28.5	0.0718	78.6	0.00254	0.000817	0.00000494	0.00615	0.0055	0.0865	0.0206	0.00000683	32.5	0.0000236
2091 Dec	196	0.134	0.168	0.00409	28.5	0.0718	78.6	0.00254	0.000817	0.00000494	0.00615	0.0055	0.0865	0.0206	0.00000683	32.5	0.0000236
2092 Jan	196	0.134	0.168	0.00409	28.5	0.0718	78.6	0.00254	0.000817	0.00000494	0.00615	0.0055	0.0865	0.0206	0.00000683	32.5	0.0000236
2092 Feb	196	0.134	0.168	0.00409	28.5	0.0718	78.6	0.00254	0.000817	0.00000494	0.00615	0.0055	0.0865	0.0206	0.00000683	32.5	0.0000236
2092 Mar	196	0.134	0.168	0.00409	28.5	0.0718	78.6	0.00254	0.000817	0.00000494	0.00615	0.0055	0.0865	0.0206	0.00000683	32.5	0.0000236
2092 Apr	196	0.134	0.168	0.00409	28.5	0.0718	78.6	0.00254	0.000817	0.00000495	0.00615	0.0055	0.0865	0.0206	0.00000684	32.5	0.0000236
2092 May	196	0.134	0.168	0.00409	28.5	0.0718	78.7	0.00254	0.000817	0.00000495	0.00615	0.00551	0.0866	0.0206	0.00000684	32.5	0.0000236
2092 Jun	196	0.132	0.165	0.00403	28.1	0.0715	78.8	0.00255	0.000812	0.00000492	0.00613	0.00552	0.0862	0.0206	0.00000681	32.6	0.0000235
2092 Jul	196	0.132	0.165	0.00402	28	0.0715	78.9	0.00256	0.000811	0.00000492	0.00614	0.00554	0.0863	0.0206	0.00000681	32.7	0.0000235
2092 Aug	196	0.132	0.165	0.00403	28.1	0.0717	79.1	0.00256	0.000813	0.00000493	0.00615	0.00555	0.0864	0.0207	0.00000682	32.7	0.0000235
2092 Sep	196	0.132	0.165	0.00402	28.1	0.0717	79.1	0.00256	0.000813	0.00000493	0.00615	0.00555	0.0864	0.0207	0.00000682	32.8	0.0000236
2092 Oct	196	0.132	0.165	0.00402	28	0.0717	79.1	0.00256	0.000812	0.00000493	0.00615	0.00555	0.0864	0.0207	0.00000682	32.8	0.0000235
2092 Nov	196	0.132	0.165	0.00402	28	0.0717	79.2	0.00256	0.000812	0.00000493	0.00615	0.00555	0.0864	0.0207	0.00000682	32.8	0.0000235
2092 Dec	196	0.132	0.165	0.00402	28	0.0717	79.2	0.00256	0.000812	0.00000493	0.00615	0.00555	0.0864	0.0207	0.00000682	32.8	0.0000235
2093 Jan	196	0.132	0.165	0.00402	28	0.0717	79.2	0.00256	0.000812	0.00000493	0.00615	0.00555	0.0864	0.0207	0.00000682	32.8	0.0000235

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2093 Feb	196	0.132	0.165	0.00402	28	0.0717	79.2	0.00256	0.000812	0.00000493	0.00615	0.00555	0.0864	0.0207	0.00000682	32.8	0.0000236
2093 Mar	196	0.132	0.165	0.00402	28	0.0717	79.2	0.00256	0.000813	0.00000493	0.00615	0.00556	0.0864	0.0207	0.00000682	32.8	0.0000236
2093 Apr	196	0.132	0.165	0.00402	28	0.0717	79.2	0.00257	0.000813	0.00000493	0.00615	0.00556	0.0864	0.0207	0.00000683	32.8	0.0000236
2093 May	196	0.132	0.165	0.00402	28.1	0.0717	79.3	0.00257	0.000813	0.00000493	0.00616	0.00556	0.0865	0.0207	0.00000683	32.8	0.0000236
2093 Jun	196	0.131	0.163	0.00398	27.9	0.0716	79.3	0.00257	0.00081	0.00000492	0.00615	0.00557	0.0863	0.0207	0.00000681	32.9	0.0000235
2093 Jul	197	0.131	0.163	0.00399	27.9	0.0717	79.5	0.00258	0.000812	0.00000493	0.00616	0.00559	0.0865	0.0207	0.00000683	33	0.0000236
2093 Aug	197	0.131	0.164	0.00399	27.9	0.0718	79.6	0.00258	0.000813	0.00000494	0.00617	0.00559	0.0866	0.0208	0.00000684	33	0.0000236
2093 Sep	197	0.131	0.164	0.00399	27.9	0.0718	79.7	0.00258	0.000813	0.00000494	0.00617	0.0056	0.0866	0.0208	0.00000684	33	0.0000236
2093 Oct	197	0.131	0.163	0.00397	27.8	0.0717	79.7	0.00259	0.000811	0.00000493	0.00616	0.00561	0.0865	0.0207	0.00000683	33	0.0000236
2093 Nov	197	0.131	0.162	0.00396	27.7	0.0717	79.8	0.00259	0.00081	0.00000492	0.00616	0.00561	0.0864	0.0207	0.00000682	33.1	0.0000236
2093 Dec	197	0.131	0.162	0.00396	27.7	0.0717	79.8	0.00259	0.00081	0.00000492	0.00616	0.00561	0.0864	0.0207	0.00000682	33.1	0.0000236
2094 Jan	197	0.131	0.162	0.00396	27.7	0.0717	79.8	0.00259	0.00081	0.00000492	0.00616	0.00561	0.0864	0.0207	0.00000682	33.1	0.0000236
2094 Feb	197	0.131	0.162	0.00396	27.7	0.0717	79.8	0.00259	0.00081	0.00000492	0.00616	0.00561	0.0864	0.0207	0.00000682	33.1	0.0000236
2094 Mar	197	0.131	0.162	0.00396	27.7	0.0717	79.8	0.00259	0.00081	0.00000493	0.00616	0.00561	0.0864	0.0207	0.00000682	33.1	0.0000236
2094 Apr	197	0.131	0.162	0.00396	27.8	0.0717	79.8	0.00259	0.00081	0.00000493	0.00616	0.00561	0.0865	0.0207	0.00000683	33.1	0.0000236
2094 May	197	0.13	0.162	0.00396	27.7	0.0717	79.8	0.00259	0.00081	0.00000492	0.00616	0.00562	0.0865	0.0208	0.00000682	33.1	0.0000236
2094 Jun	197	0.13	0.161	0.00394	27.6	0.0716	80	0.0026	0.000809	0.00000492	0.00616	0.00563	0.0864	0.0208	0.00000682	33.2	0.0000236
2094 Jul	198	0.13	0.161	0.00395	27.7	0.0718	80.2	0.00261	0.000811	0.00000493	0.00618	0.00565	0.0866	0.0208	0.00000684	33.3	0.0000236
2094 Aug	198	0.131	0.162	0.00396	27.8	0.072	80.4	0.00261	0.000813	0.00000495	0.0062	0.00566	0.0869	0.0209	0.00000686	33.4	0.0000237
2094 Sep	198	0.131	0.162	0.00396	27.8	0.072	80.4	0.00261	0.000813	0.00000495	0.0062	0.00566	0.0869	0.0209	0.00000686	33.4	0.0000237
2094 Oct	198	0.13	0.161	0.00395	27.7	0.072	80.4	0.00262	0.000812	0.00000494	0.00619	0.00566	0.0868	0.0209	0.00000685	33.4	0.0000237
2094 Nov	198	0.13	0.161	0.00393	27.6	0.0719	80.5	0.00262	0.000811	0.00000494	0.00619	0.00567	0.0868	0.0209	0.00000685	33.4	0.0000237
2094 Dec	198	0.13	0.161	0.00393	27.6	0.0719	80.5	0.00262	0.000811	0.00000494	0.00619	0.00567	0.0867	0.0209	0.00000685	33.4	0.0000237
2095 Jan	198	0.13	0.161	0.00393	27.6	0.0719	80.5	0.00262	0.000811	0.00000494	0.00619	0.00567	0.0867	0.0209	0.00000685	33.4	0.0000237
2095 Feb	198	0.13	0.161	0.00393	27.6	0.0719	80.5	0.00262	0.000811	0.00000494	0.00619	0.00567	0.0867	0.0209	0.00000685	33.4	0.0000237
2095 Mar	198	0.13	0.161	0.00393	27.6	0.0719	80.5	0.00262	0.000811	0.00000494	0.00619	0.00567	0.0868	0.0209	0.00000685	33.4	0.0000237
2095 Apr	199	0.13	0.161	0.00394	27.6	0.0719	80.5	0.00262	0.000811	0.00000494	0.00619	0.00567	0.0868	0.0209	0.00000685	33.4	0.0000237
2095 May	199	0.13	0.161	0.00393	27.6	0.0719	80.6	0.00262	0.000811	0.00000494	0.00619	0.00568	0.0868	0.0209	0.00000685	33.5	0.0000237
2095 Jun	199	0.13	0.16	0.00392	27.6	0.072	80.8	0.00263	0.000811	0.00000494	0.0062	0.0057	0.0868	0.0209	0.00000686	33.5	0.0000237
2095 Jul	200	0.13	0.161	0.00393	27.6	0.0722	81	0.00264	0.000813	0.00000496	0.00622	0.00571	0.0871	0.021	0.00000687	33.6	0.0000238
2095 Aug	200	0.13	0.161	0.00393	27.6	0.0722	81	0.00264	0.000813	0.00000496	0.00622	0.00571	0.0871	0.021	0.00000688	33.6	0.0000238
2095 Sep	200	0.13	0.16	0.00393	27.6	0.0722	81.1	0.00264	0.000813	0.00000496	0.00622	0.00572	0.0871	0.021	0.00000688	33.7	0.0000238
2095 Oct	200	0.13	0.16	0.00392	27.6	0.0722	81.2	0.00265	0.000813	0.00000496	0.00622	0.00573	0.0871	0.021	0.00000688	33.7	0.0000238
2095 Nov	200	0.129	0.16	0.00391	27.5	0.0722	81.3	0.00265	0.000813	0.00000496	0.00622	0.00574	0.0871	0.021	0.00000688	33.8	0.0000238
2095 Dec	200	0.129	0.16	0.00391	27.5	0.0722	81.3	0.00265	0.000813	0.00000496	0.00622	0.00574	0.0871	0.021	0.00000688	33.8	0.0000238
2096 Jan	200	0.129	0.16	0.00391	27.5	0.0722	81.3	0.00265	0.000813	0.00000496	0.00622	0.00574	0.0871	0.021	0.00000688	33.8	0.0000238
2096 Feb	200	0.129	0.16	0.00391	27.5	0.0722	81.3	0.00265	0.000813	0.00000496	0.00622	0.00574	0.0871	0.021	0.00000688	33.8	0.0000238
2096 Mar	200	0.129	0.16	0.00391	27.5	0.0722	81.3	0.00265	0.000813	0.00000496	0.00622	0.00574	0.0871	0.021	0.00000688	33.8	0.0000238
2096 Apr	200	0.129	0.16	0.00392	27.5	0.0722	81.3	0.00265	0.000813	0.00000496	0.00622	0.00574	0.0871	0.021	0.00000688	33.8	0.0000238
2096 May	200	0.129	0.16	0.00391	27.5	0.0723	81.4	0.00266	0.000813	0.00000496	0.00623	0.00575	0.0872	0.021	0.00000688	33.8	0.0000238
2096 Jun	201	0.128	0.158	0.00386	27.3	0.0721	81.8	0.00267	0.000809	0.00000494	0.00622	0.00578	0.087	0.021	0.00000687	34	0.0000237
2096 Jul	201	0.128	0.157	0.00386	27.3	0.0722	82	0.00268	0.00081	0.00000495	0.00623	0.0058	0.0871	0.021	0.00000688	34.1	0.0000238
2096 Aug	201	0.128	0.158	0.00387	27.3	0.0724	82.2	0.00269	0.000811	0.00000496	0.00624	0.00581	0.0873	0.0211	0.00000689	34.1	0.0000238
2096 Sep	201	0.128	0.158	0.00387	27.3	0.0724	82.2	0.00269	0.000811	0.00000496	0.00624	0.00582	0.0873	0.0211	0.00000689	34.2	0.0000238
2096 Oct	201	0.128	0.157	0.00385	27.2	0.0723	82.3	0.00269	0.00081	0.00000495	0.00624	0.00583	0.0872	0.0211	0.00000689	34.2	0.0000238
2096 Nov	202	0.128	0.157	0.00385	27.2	0.0723	82.3	0.0027	0.00081	0.00000495	0.00624	0.00583	0.0872	0.0211	0.00000689	34.2	0.0000238
2096 Dec	202	0.128	0.157	0.00385	27.2	0.0723	82.3	0.0027	0.00081	0.00000495	0.00624	0.00583	0.0872	0.0211	0.00000689	34.2	0.0000238
2097 Jan	202	0.128	0.157	0.00385	27.2	0.0723	82.3	0.0027	0.00081	0.00000495	0.00624	0.00583	0.0872	0.0211	0.00000689	34.2	0.0000238
2097 Feb	202	0.128	0.157	0.00385	27.2	0.0723	82.3	0.0027	0.00081	0.00000495	0.00624	0.00583	0.0872	0.0211	0.00000689	34.2	0.0000238
2097 Mar	202	0.128	0.157	0.00385	27.2	0.0723	82.3	0.0027	0.00081	0.00000495	0.00624	0.00583	0.0872	0.0211	0.00000689	34.2	0.0000238
2097 Apr	202	0.128	0.157	0.00385	27.2	0.0723	82.4	0.0027	0.00081	0.00000495	0.00624	0.00583	0.0873	0.0211	0.00000689	34.2	0.0000238
2097 May	202	0.128	0.157	0.00385	27.2	0.0724	82.4	0.0027	0.00081	0.00000496	0.00624	0.00584	0.0873	0.0211	0.00000689	34.3	0.0000238
2097 Jun	202	0.127	0.156	0.00383	27.1	0.0723	82.6	0.00271	0.000809	0.00000496	0.00624	0.00585	0.0873	0.0211	0.00000689	34.3	0.0000238
2097 Jul	203	0.128	0.156	0.00384	27.2	0.0725	82.8	0.00271	0.000811	0.00000497	0.00626	0.00587	0.0875	0.0212	0.00000691	34.4	0.0000239
2097 Aug	203	0.128	0.157	0.00385	27.2	0.0726	83	0.00272	0.000813	0.00000498	0.00627	0.00588	0.0876	0.0212	0.00000692	34.5	0.0000239
2097 Sep	203	0.128	0.157	0.00385	27.2	0.0727	83	0.00272	0.000813	0.00000498	0.00627	0.00588	0.0877	0.0212	0.00000692	34.5	0.0000239
2097 Oct	203	0.128	0.157	0.00385	27.2	0.0727	83	0.00272	0.000813	0.00000498	0.00627	0.00588	0.0877	0.0212	0.00000692	34.5	0.0000239
2097 Nov	203	0.128	0.157	0.00385	27.2	0.0726	83	0.00272	0.000813	0.00000498	0.00627	0.00588	0.0877	0.0212	0.00000692	34.5	0.0000239
2097 Dec	203	0.128	0.157	0.00385	27.2	0.0726	83	0.00272	0.000813	0.00000498	0.00627	0.00588	0.0877	0.0212	0.00000692	34.5	0.0000239
2098 Jan	203	0.128	0.157	0.00385	27.2	0.0726	83	0.00272	0.000813	0.00000498	0.00627	0.00588	0.0877	0.0212	0.00000692	34.5	0.0000239
2098 Feb	203	0.128	0.157	0.00385	27.2	0.0726	83	0.00272	0.000813	0.00000498	0.00627	0.00588	0.0877	0.0212	0.00000692	34.5	0.0000239
2098 Mar	203	0.128	0.157	0.00385	27.2	0.0726	83	0.00272	0.000813	0.00000498	0.00627	0.00588	0.0877	0.0212	0.00000692	34.5	0.0000239
2098 Apr	203	0.128	0.157	0.00385	27.2	0.0727	83	0.00272	0.000813	0.00000498	0.00627	0.00588	0.0877	0.0212	0.00000692	34.5	0.0000239
2098 May	203	0.128	0.156	0.00384	27.2	0.0727	83.2	0.00273	0.000813	0.00000498	0.00628	0.00589	0.0877	0.0212	0.00000693	34.6	0.0000239
2098 Jun	204	0.126	0.154	0.00379	26.9	0.0725	83.6	0.00275	0.000809	0.00000496	0.00626	0.00594	0.0875	0.0212	0.00000691	34.8	0.0000239

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2098 Jul	204	0.126	0.154	0.0038	27	0.0727	83.8	0.00276	0.000811	0.00000498	0.00628	0.00595	0.0877	0.0213	0.00000693	34.9	0.0000239
2098 Aug	204	0.126	0.154	0.0038	27	0.0727	83.9	0.00276	0.000811	0.00000498	0.00629	0.00596	0.0877	0.0213	0.00000693	34.9	0.000024
2098 Sep	204	0.126	0.154	0.00378	26.9	0.0727	84	0.00277	0.00081	0.00000498	0.00628	0.00597	0.0877	0.0213	0.00000693	35	0.0000239
2098 Oct	205	0.125	0.153	0.00376	26.8	0.0726	84.2	0.00278	0.000808	0.00000497	0.00628	0.00599	0.0876	0.0213	0.00000692	35	0.0000239
2098 Nov	205	0.125	0.152	0.00375	26.7	0.0725	84.2	0.00278	0.000807	0.00000497	0.00628	0.00599	0.0875	0.0213	0.00000692	35.1	0.0000239
2098 Dec	205	0.125	0.152	0.00375	26.7	0.0725	84.2	0.00278	0.000807	0.00000497	0.00628	0.00599	0.0875	0.0213	0.00000692	35.1	0.0000239
2099 Jan	205	0.125	0.152	0.00375	26.7	0.0725	84.2	0.00278	0.000807	0.00000497	0.00628	0.00599	0.0875	0.0213	0.00000692	35.1	0.0000239
2099 Feb	205	0.125	0.152	0.00375	26.7	0.0725	84.2	0.00278	0.000807	0.00000497	0.00628	0.00599	0.0875	0.0213	0.00000692	35.1	0.0000239
2099 Mar	205	0.125	0.152	0.00375	26.7	0.0726	84.3	0.00278	0.000807	0.00000497	0.00628	0.006	0.0875	0.0213	0.00000692	35.1	0.0000239
2099 Apr	205	0.125	0.152	0.00376	26.7	0.0726	84.3	0.00278	0.000808	0.00000497	0.00628	0.006	0.0876	0.0213	0.00000692	35.1	0.0000239
2099 May	205	0.125	0.151	0.00374	26.6	0.0725	84.4	0.00279	0.000806	0.00000496	0.00627	0.00601	0.0875	0.0213	0.00000692	35.2	0.0000239
2099 Jun	205	0.124	0.151	0.00372	26.5	0.0724	84.5	0.00279	0.000805	0.00000496	0.00627	0.00603	0.0873	0.0213	0.00000691	35.2	0.0000239
2099 Jul	206	0.124	0.151	0.00372	26.6	0.0726	84.8	0.0028	0.000807	0.00000497	0.00628	0.00604	0.0875	0.0214	0.00000693	35.3	0.0000239
2099 Aug	206	0.125	0.151	0.00373	26.6	0.0727	85	0.00281	0.000808	0.00000498	0.0063	0.00606	0.0877	0.0214	0.00000694	35.4	0.000024
2099 Sep	206	0.125	0.151	0.00373	26.6	0.0727	84.9	0.00281	0.000808	0.00000498	0.0063	0.00606	0.0877	0.0214	0.00000694	35.4	0.000024
2099 Oct	206	0.124	0.15	0.00371	26.5	0.0726	85	0.00281	0.000807	0.00000497	0.00629	0.00606	0.0876	0.0214	0.00000693	35.5	0.0000239
2099 Nov	206	0.124	0.15	0.0037	26.5	0.0726	85.1	0.00282	0.000806	0.00000497	0.00629	0.00607	0.0875	0.0214	0.00000693	35.5	0.0000239
2099 Dec	206	0.124	0.15	0.0037	26.5	0.0726	85.1	0.00282	0.000806	0.00000497	0.00629	0.00607	0.0876	0.0214	0.00000693	35.5	0.0000239
2100 Jan	206	0.124	0.15	0.0037	26.5	0.0726	85.1	0.00282	0.000806	0.00000497	0.00629	0.00607	0.0876	0.0214	0.00000693	35.5	0.0000239
2100 Feb	206	0.124	0.15	0.0037	26.5	0.0726	85.1	0.00282	0.000806	0.00000497	0.00629	0.00607	0.0876	0.0214	0.00000693	35.5	0.0000239
2100 Mar	206	0.124	0.15	0.0037	26.5	0.0726	85.1	0.00282	0.000806	0.00000497	0.00629	0.00607	0.0876	0.0214	0.00000693	35.5	0.0000239
2100 Apr	206	0.124	0.15	0.0037	26.5	0.0726	85.1	0.00282	0.000806	0.00000497	0.00629	0.00607	0.0876	0.0214	0.00000693	35.5	0.0000239
2100 May	206	0.124	0.15	0.0037	26.5	0.0726	85.2	0.00282	0.000806	0.00000497	0.00629	0.00608	0.0876	0.0214	0.00000693	35.5	0.0000239
2100 Jun	206	0.123	0.148	0.00366	26.2	0.0724	85.4	0.00283	0.000802	0.00000496	0.00628	0.0061	0.0873	0.0214	0.00000691	35.6	0.0000239
2100 Jul	207	0.123	0.148	0.00365	26.2	0.0724	85.5	0.00284	0.000803	0.00000496	0.00628	0.00611	0.0873	0.0214	0.00000692	35.7	0.0000239
2100 Aug	207	0.122	0.147	0.00365	26.2	0.0724	85.6	0.00284	0.000802	0.00000496	0.00628	0.00612	0.0873	0.0214	0.00000692	35.8	0.0000239
2100 Sep	207	0.122	0.147	0.00364	26.1	0.0724	85.7	0.00285	0.000802	0.00000496	0.00628	0.00613	0.0873	0.0214	0.00000692	35.8	0.0000239
2100 Oct	207	0.122	0.147	0.00364	26.1	0.0724	85.7	0.00285	0.000802	0.00000496	0.00628	0.00614	0.0873	0.0214	0.00000692	35.8	0.0000239
2100 Nov	207	0.122	0.147	0.00364	26.1	0.0724	85.8	0.00285	0.000802	0.00000496	0.00629	0.00614	0.0873	0.0214	0.00000692	35.8	0.0000239
2100 Dec	207	0.122	0.147	0.00364	26.1	0.0724	85.8	0.00285	0.000802	0.00000496	0.00629	0.00614	0.0873	0.0214	0.00000692	35.8	0.0000239
2101 Jan	207	0.122	0.147	0.00364	26.1	0.0724	85.8	0.00285	0.000802	0.00000496	0.00629	0.00614	0.0873	0.0214	0.00000692	35.8	0.0000239
2101 Feb	207	0.122	0.147	0.00364	26.1	0.0724	85.8	0.00285	0.000802	0.00000496	0.00629	0.00614	0.0873	0.0214	0.00000692	35.8	0.0000239
2101 Mar	207	0.122	0.147	0.00364	26.1	0.0724	85.8	0.00285	0.000802	0.00000496	0.00629	0.00614	0.0873	0.0214	0.00000692	35.8	0.0000239
2101 Apr	207	0.122	0.147	0.00364	26.1	0.0724	85.8	0.00285	0.000802	0.00000496	0.00629	0.00614	0.0873	0.0214	0.00000692	35.8	0.0000239
2101 May	207	0.122	0.147	0.00363	26.1	0.0724	85.9	0.00286	0.000802	0.00000496	0.00629	0.00615	0.0873	0.0215	0.00000692	35.9	0.0000239
2101 Jun	207	0.121	0.146	0.00361	26	0.0722	86	0.00286	0.000799	0.00000495	0.00628	0.00616	0.0871	0.0214	0.00000691	35.9	0.0000238
2101 Jul	208	0.121	0.146	0.00361	26	0.0724	86.2	0.00287	0.000801	0.00000496	0.00629	0.00617	0.0873	0.0215	0.00000693	36	0.0000239
2101 Aug	208	0.122	0.146	0.00362	26.1	0.0726	86.4	0.00288	0.000803	0.00000497	0.00631	0.00619	0.0875	0.0215	0.00000694	36.1	0.0000239
2101 Sep	208	0.122	0.146	0.00362	26.1	0.0725	86.3	0.00287	0.000803	0.00000497	0.0063	0.00619	0.0874	0.0215	0.00000694	36.1	0.0000239
2101 Oct	208	0.122	0.146	0.00362	26	0.0725	86.3	0.00288	0.000803	0.00000497	0.0063	0.00619	0.0874	0.0215	0.00000694	36.1	0.0000239
2101 Nov	208	0.121	0.146	0.00361	26	0.0725	86.4	0.00288	0.000802	0.00000497	0.0063	0.00619	0.0874	0.0215	0.00000693	36.1	0.0000239
2101 Dec	208	0.121	0.146	0.00361	26	0.0725	86.4	0.00288	0.000802	0.00000497	0.0063	0.00619	0.0873	0.0215	0.00000693	36.1	0.0000239
2102 Jan	208	0.121	0.146	0.00361	26	0.0725	86.4	0.00288	0.000802	0.00000497	0.0063	0.00619	0.0873	0.0215	0.00000693	36.1	0.0000239
2102 Feb	208	0.121	0.146	0.00361	26	0.0725	86.4	0.00288	0.000802	0.00000497	0.0063	0.00619	0.0873	0.0215	0.00000693	36.1	0.0000239
2102 Mar	208	0.121	0.146	0.00361	26	0.0725	86.4	0.00288	0.000802	0.00000497	0.0063	0.00619	0.0874	0.0215	0.00000693	36.1	0.0000239
2102 Apr	208	0.121	0.146	0.00361	26	0.0725	86.4	0.00288	0.000802	0.00000497	0.0063	0.00619	0.0874	0.0215	0.00000693	36.1	0.0000239
2102 May	208	0.121	0.146	0.00361	26	0.0725	86.4	0.00288	0.000802	0.00000497	0.00631	0.0062	0.0874	0.0215	0.00000694	36.2	0.0000239
2102 Jun	208	0.121	0.144	0.00358	25.8	0.0723	86.6	0.00289	0.0008	0.00000496	0.0063	0.00621	0.0872	0.0215	0.00000693	36.2	0.0000239
2102 Jul	208	0.12	0.144	0.00357	25.8	0.0723	86.7	0.0029	0.000799	0.00000496	0.0063	0.00623	0.0871	0.0215	0.00000693	36.3	0.0000239
2102 Aug	209	0.12	0.144	0.00357	25.8	0.0724	86.9	0.0029	0.0008	0.00000496	0.00631	0.00624	0.0872	0.0216	0.00000693	36.4	0.0000239
2102 Sep	209	0.12	0.144	0.00357	25.8	0.0724	86.9	0.0029	0.000801	0.00000497	0.00631	0.00624	0.0873	0.0216	0.00000694	36.4	0.0000239
2102 Oct	209	0.12	0.143	0.00356	25.7	0.0723	86.9	0.00291	0.000799	0.00000496	0.0063	0.00625	0.0871	0.0215	0.00000693	36.4	0.0000239
2102 Nov	209	0.12	0.143	0.00356	25.7	0.0723	86.9	0.00291	0.000799	0.00000496	0.0063	0.00625	0.0871	0.0215	0.00000693	36.4	0.0000239
2102 Dec	209	0.12	0.143	0.00356	25.7	0.0723	86.9	0.00291	0.000799	0.00000496	0.0063	0.00625	0.0872	0.0215	0.00000693	36.4	0.0000239
2103 Jan	209	0.12	0.143	0.00356	25.7	0.0723	86.9	0.00291	0.000799	0.00000496	0.0063	0.00625	0.0872	0.0215	0.00000693	36.4	0.0000239
2103 Feb	209	0.12	0.143	0.00356	25.7	0.0723	86.9	0.00291	0.000799	0.00000496	0.0063	0.00625	0.0872	0.0215	0.00000693	36.4	0.0000239
2103 Mar	209	0.12	0.143	0.00356	25.7	0.0723	86.9	0.00291	0.000799	0.00000496	0.0063	0.00625	0.0872	0.0215	0.00000693	36.4	0.0000239
2103 Apr	209	0.12	0.143	0.00356	25.7	0.0724	87	0.00291	0.000799	0.00000496	0.0063	0.00625	0.0872	0.0216	0.00000693	36.4	0.0000239
2103 May	209	0.12	0.143	0.00355	25.7	0.0724	87.1	0.00291	0.000799	0.00000496	0.00631	0.00626	0.0872	0.0216	0.00000693	36.5	0.0000239
2103 Jun	209	0.119	0.141	0.00351	25.5	0.0721	87.1	0.00292	0.000796	0.00000495	0.00629	0.00627	0.0868	0.0215	0.00000691	36.5	0.0000238
2103 Jul	209	0.119	0.141	0.00351	25.4	0.0721	87.3	0.00293	0.000796	0.00000495	0.0063	0.00629	0.0869	0.0215	0.00000692	36.6	0.0000238
2103 Aug	209	0.118	0.141	0.0035	25.4	0.0721	87.4	0.00294	0.000796	0.00000495	0.0063	0.0063	0.0868	0.0216	0.00000692	36.7	0.0000238
2103 Sep	209	0.118	0.14	0.00349	25.3	0.072	87.5	0.00294	0.000795	0.00000495	0.00629	0.0063	0.0867	0.0215	0.00000691	36.7	0.0000238
2103 Oct	209	0.117	0.139	0.00347	25.2	0.0719	87.5	0.00294	0.000793	0.00000494	0.00628	0.00631	0.0865	0.0215	0.0000069	36.7	0.0000237
2103 Nov	209	0.117	0.139	0.00346	25.2	0.0718	87.5	0.00294	0.000792	0.00000494	0.00628	0.00631	0.0865	0.0215	0.0000069	36.7	0.0000237

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2103 Dec	209	0.117	0.139	0.00346	25.2	0.0719	87.5	0.00294	0.000792	0.00000494	0.00628	0.00631	0.0865	0.0215	0.0000069	36.7	0.0000237
2104 Jan	209	0.117	0.139	0.00346	25.2	0.0719	87.5	0.00294	0.000792	0.00000494	0.00628	0.00631	0.0865	0.0215	0.0000069	36.7	0.0000237
2104 Feb	209	0.117	0.139	0.00346	25.2	0.0719	87.5	0.00294	0.000792	0.00000494	0.00628	0.00631	0.0865	0.0215	0.0000069	36.7	0.0000237
2104 Mar	209	0.117	0.139	0.00346	25.2	0.0719	87.5	0.00294	0.000792	0.00000494	0.00628	0.00631	0.0865	0.0215	0.0000069	36.7	0.0000237
2104 Apr	209	0.117	0.139	0.00347	25.2	0.0719	87.5	0.00294	0.000793	0.00000494	0.00628	0.00631	0.0865	0.0215	0.0000069	36.7	0.0000237
2104 May	209	0.117	0.139	0.00346	25.2	0.0719	87.6	0.00295	0.000793	0.00000494	0.00628	0.00632	0.0865	0.0215	0.0000069	36.7	0.0000237
2104 Jun	209	0.116	0.137	0.00342	25	0.0715	87.5	0.00295	0.000789	0.00000492	0.00626	0.00632	0.0861	0.0215	0.00000688	36.7	0.0000236
2104 Jul	209	0.116	0.137	0.00343	25	0.0716	87.6	0.00296	0.00079	0.00000493	0.00627	0.00633	0.0862	0.0215	0.00000689	36.8	0.0000237
2104 Aug	209	0.116	0.137	0.00343	25	0.0717	87.8	0.00296	0.000791	0.00000493	0.00628	0.00634	0.0862	0.0215	0.00000689	36.9	0.0000237
2104 Sep	209	0.116	0.137	0.00342	24.9	0.0716	87.8	0.00296	0.00079	0.00000493	0.00627	0.00634	0.0862	0.0215	0.00000689	36.9	0.0000237
2104 Oct	209	0.116	0.136	0.00341	24.9	0.0715	87.8	0.00296	0.000788	0.00000492	0.00627	0.00634	0.086	0.0215	0.00000688	36.9	0.0000236
2104 Nov	209	0.115	0.136	0.0034	24.8	0.0715	87.8	0.00297	0.000788	0.00000492	0.00627	0.00635	0.086	0.0215	0.00000688	36.9	0.0000236
2104 Dec	209	0.115	0.136	0.0034	24.8	0.0715	87.8	0.00297	0.000788	0.00000492	0.00627	0.00635	0.086	0.0215	0.00000688	36.9	0.0000236
2105 Jan	209	0.115	0.136	0.0034	24.8	0.0715	87.8	0.00297	0.000788	0.00000492	0.00627	0.00635	0.086	0.0215	0.00000688	36.9	0.0000236
2105 Feb	209	0.115	0.136	0.0034	24.8	0.0715	87.8	0.00297	0.000788	0.00000492	0.00627	0.00635	0.086	0.0215	0.00000688	36.9	0.0000236
2105 Mar	209	0.115	0.136	0.0034	24.8	0.0715	87.8	0.00297	0.000788	0.00000492	0.00627	0.00635	0.086	0.0215	0.00000688	36.9	0.0000236
2105 Apr	209	0.116	0.136	0.0034	24.8	0.0715	87.8	0.00297	0.000788	0.00000492	0.00627	0.00635	0.086	0.0215	0.00000688	36.9	0.0000236
2105 May	209	0.115	0.136	0.0034	24.8	0.0715	87.8	0.00297	0.000788	0.00000492	0.00627	0.00635	0.086	0.0215	0.00000688	36.9	0.0000236
2105 Jun	209	0.115	0.135	0.00338	24.7	0.0714	87.9	0.00297	0.000787	0.00000492	0.00626	0.00636	0.0858	0.0215	0.00000687	37	0.0000236
2105 Jul	210	0.115	0.135	0.00339	24.8	0.0715	88.1	0.00298	0.000788	0.00000492	0.00628	0.00637	0.086	0.0215	0.00000688	37	0.0000236
2105 Aug	210	0.115	0.135	0.00337	24.7	0.0714	88.2	0.00299	0.000787	0.00000492	0.00627	0.00638	0.0859	0.0215	0.00000688	37.1	0.0000236
2105 Sep	210	0.114	0.134	0.00335	24.6	0.0713	88.2	0.00299	0.000785	0.00000491	0.00626	0.00639	0.0856	0.0215	0.00000687	37.1	0.0000236
2105 Oct	210	0.114	0.133	0.00334	24.5	0.0712	88.1	0.00299	0.000783	0.0000049	0.00625	0.00639	0.0855	0.0214	0.00000685	37.1	0.0000235
2105 Nov	210	0.113	0.133	0.00333	24.4	0.0711	88.1	0.00299	0.000783	0.0000049	0.00625	0.00639	0.0854	0.0214	0.00000685	37.1	0.0000235
2105 Dec	210	0.113	0.133	0.00333	24.4	0.0711	88.1	0.00299	0.000783	0.0000049	0.00625	0.00639	0.0854	0.0214	0.00000685	37.1	0.0000235
2106 Jan	210	0.113	0.133	0.00333	24.4	0.0711	88.1	0.00299	0.000783	0.0000049	0.00625	0.00639	0.0854	0.0214	0.00000685	37.1	0.0000235
2106 Feb	210	0.113	0.133	0.00333	24.4	0.0711	88.1	0.00299	0.000783	0.0000049	0.00625	0.00639	0.0854	0.0214	0.00000685	37.1	0.0000235
2106 Mar	210	0.113	0.133	0.00333	24.4	0.0711	88.1	0.00299	0.000783	0.0000049	0.00625	0.00639	0.0854	0.0214	0.00000685	37.1	0.0000235
2106 Apr	210	0.114	0.133	0.00333	24.4	0.0711	88.2	0.00299	0.000783	0.0000049	0.00625	0.00639	0.0854	0.0214	0.00000685	37.1	0.0000235
2106 May	210	0.114	0.133	0.00333	24.5	0.0712	88.2	0.00299	0.000783	0.0000049	0.00625	0.00639	0.0855	0.0214	0.00000686	37.1	0.0000235
2106 Jun	209	0.113	0.132	0.0033	24.3	0.0708	88.1	0.003	0.00078	0.00000488	0.00623	0.00639	0.0851	0.0214	0.00000683	37.1	0.0000234
2106 Jul	210	0.113	0.131	0.0033	24.3	0.0709	88.3	0.003	0.000781	0.00000489	0.00624	0.00641	0.0851	0.0214	0.00000684	37.2	0.0000234
2106 Aug	210	0.112	0.131	0.00329	24.2	0.0709	88.4	0.00301	0.00078	0.00000489	0.00624	0.00642	0.0851	0.0214	0.00000684	37.2	0.0000234
2106 Sep	210	0.112	0.13	0.00328	24.1	0.0708	88.4	0.00301	0.000779	0.00000488	0.00623	0.00642	0.0849	0.0214	0.00000683	37.2	0.0000234
2106 Oct	210	0.112	0.13	0.00327	24.1	0.0707	88.4	0.00301	0.000778	0.00000488	0.00623	0.00642	0.0849	0.0214	0.00000683	37.2	0.0000234
2106 Nov	210	0.112	0.13	0.00327	24.1	0.0708	88.4	0.00301	0.000778	0.00000488	0.00623	0.00642	0.0849	0.0214	0.00000683	37.2	0.0000234
2106 Dec	210	0.112	0.13	0.00327	24.1	0.0708	88.4	0.00301	0.000778	0.00000488	0.00623	0.00642	0.0849	0.0214	0.00000683	37.2	0.0000234
2107 Jan	210	0.112	0.13	0.00327	24.1	0.0708	88.4	0.00301	0.000778	0.00000488	0.00623	0.00642	0.0849	0.0214	0.00000683	37.2	0.0000234
2107 Feb	210	0.112	0.13	0.00327	24.1	0.0708	88.4	0.00301	0.000778	0.00000488	0.00623	0.00642	0.0849	0.0214	0.00000683	37.2	0.0000234
2107 Mar	210	0.112	0.13	0.00327	24.1	0.0708	88.4	0.00301	0.000778	0.00000488	0.00623	0.00642	0.0849	0.0214	0.00000683	37.2	0.0000234
2107 Apr	210	0.112	0.13	0.00327	24.1	0.0708	88.4	0.00301	0.000778	0.00000488	0.00623	0.00643	0.0849	0.0214	0.00000683	37.3	0.0000234
2107 May	210	0.112	0.13	0.00327	24.1	0.0707	88.5	0.00301	0.000778	0.00000488	0.00623	0.00643	0.0849	0.0214	0.00000683	37.3	0.0000234
2107 Jun	210	0.111	0.129	0.00325	24	0.0706	88.4	0.00302	0.000777	0.00000487	0.00622	0.00643	0.0847	0.0214	0.00000682	37.3	0.0000233
2107 Jul	210	0.111	0.129	0.00325	24	0.0707	88.6	0.00302	0.000777	0.00000488	0.00623	0.00644	0.0848	0.0214	0.00000682	37.3	0.0000233
2107 Aug	210	0.111	0.129	0.00326	24	0.0708	88.7	0.00303	0.000779	0.00000489	0.00624	0.00645	0.0849	0.0214	0.00000683	37.4	0.0000234
2107 Sep	210	0.111	0.129	0.00325	24	0.0708	88.8	0.00303	0.000779	0.00000489	0.00624	0.00646	0.0849	0.0214	0.00000684	37.4	0.0000234
2107 Oct	210	0.111	0.129	0.00325	24	0.0707	88.8	0.00303	0.000778	0.00000488	0.00623	0.00646	0.0848	0.0214	0.00000683	37.4	0.0000234
2107 Nov	210	0.111	0.129	0.00325	24	0.0707	88.8	0.00303	0.000778	0.00000488	0.00623	0.00646	0.0848	0.0214	0.00000683	37.4	0.0000234
2107 Dec	210	0.111	0.129	0.00325	24	0.0707	88.8	0.00303	0.000778	0.00000488	0.00623	0.00646	0.0848	0.0214	0.00000683	37.4	0.0000234
2108 Jan	210	0.111	0.129	0.00325	24	0.0707	88.8	0.00303	0.000778	0.00000488	0.00623	0.00646	0.0848	0.0214	0.00000683	37.4	0.0000234
2108 Feb	210	0.111	0.129	0.00325	24	0.0707	88.8	0.00303	0.000778	0.00000488	0.00623	0.00646	0.0848	0.0214	0.00000683	37.4	0.0000234
2108 Mar	210	0.111	0.129	0.00325	24	0.0707	88.8	0.00303	0.000778	0.00000488	0.00623	0.00646	0.0848	0.0214	0.00000683	37.4	0.0000234
2108 Apr	210	0.111	0.129	0.00325	24	0.0708	88.8	0.00303	0.000778	0.00000488	0.00624	0.00646	0.0849	0.0214	0.00000683	37.4	0.0000234
2108 May	211	0.111	0.129	0.00325	24	0.0708	88.9	0.00304	0.000779	0.00000489	0.00624	0.00647	0.0849	0.0214	0.00000684	37.5	0.0000234
2108 Jun	211	0.111	0.129	0.00324	23.9	0.0707	88.9	0.00304	0.000778	0.00000488	0.00624	0.00647	0.0848	0.0214	0.00000683	37.5	0.0000234
2108 Jul	211	0.111	0.129	0.00324	24	0.0709	89.1	0.00305	0.000779	0.0000049	0.00625	0.00649	0.085	0.0215	0.00000685	37.6	0.0000234
2108 Aug	212	0.111	0.129	0.00325	24	0.071	89.3	0.00305	0.000781	0.00000491	0.00627	0.0065	0.0852	0.0215	0.00000686	37.7	0.0000235
2108 Sep	212	0.111	0.129	0.00325	24	0.0711	89.4	0.00305	0.000782	0.00000491	0.00627	0.00651	0.0852	0.0215	0.00000687	37.7	0.0000235
2108 Oct	211	0.111	0.128	0.00324	23.9	0.0709	89.3	0.00306	0.00078	0.0000049	0.00626	0.0065	0.085	0.0215	0.00000685	37.7	0.0000234
2108 Nov	211	0.111	0.128	0.00324	23.9	0.0709	89.3	0.00306	0.00078	0.0000049	0.00626	0.00651	0.085	0.0215	0.00000685	37.7	0.0000234
2108 Dec	211	0.111	0.128	0.00324	23.9	0.0709	89.3	0.00306	0.00078	0.0000049	0.00626	0.00651	0.085	0.0215	0.00000685	37.7	0.0000234
2109 Jan	211	0.111	0.128	0.00324	23.9	0.0709	89.3	0.00306	0.00078	0.0000049	0.00626	0.00651	0.085	0.0215	0.00000685	37.7	0.0000234
2109 Feb	211	0.111	0.128	0.00324	23.9	0.0709	89.3	0.00306	0.00078	0.0000049	0.00626	0.00651	0.085	0.0215	0.00000685	37.7	0.0000234
2109 Mar	211	0.111	0.128	0.00324	23.9	0.0709	89.3	0.00306	0.00078	0.0000049	0.00626	0.00651	0.085	0.0215	0.00000685	37.7	0.0000234
2109 Apr	212	0.111	0.128	0.00324	23.9	0.0709	89.4	0.00306	0.00078	0.0000049	0.00626	0.00651	0.085	0.0215	0.00000686	37.7	0.0000234

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2109 May	212	0.111	0.128	0.00323	23.9	0.071	89.4	0.00306	0.00078	0.0000049	0.00626	0.00652	0.085	0.0215	0.00000686	37.7	0.0000234
2109 Jun	212	0.11	0.128	0.00322	23.9	0.0709	89.6	0.00307	0.00078	0.0000049	0.00626	0.00653	0.085	0.0215	0.00000686	37.8	0.0000234
2109 Jul	212	0.111	0.128	0.00322	23.9	0.071	89.7	0.00307	0.000781	0.00000491	0.00627	0.00654	0.0851	0.0215	0.00000687	37.9	0.0000235
2109 Aug	213	0.111	0.128	0.00323	23.9	0.0711	89.9	0.00308	0.000782	0.00000492	0.00628	0.00656	0.0852	0.0216	0.00000688	38	0.0000235
2109 Sep	213	0.11	0.127	0.00322	23.8	0.0711	90	0.00309	0.000781	0.00000491	0.00628	0.00656	0.0851	0.0216	0.00000688	38	0.0000235
2109 Oct	213	0.11	0.127	0.0032	23.7	0.071	90.1	0.00309	0.000779	0.00000491	0.00627	0.00657	0.085	0.0215	0.00000687	38	0.0000234
2109 Nov	213	0.11	0.127	0.0032	23.7	0.071	90.1	0.00309	0.000779	0.00000491	0.00627	0.00658	0.085	0.0215	0.00000687	38	0.0000234
2109 Dec	213	0.11	0.127	0.0032	23.7	0.071	90.1	0.00309	0.000779	0.00000491	0.00627	0.00658	0.085	0.0215	0.00000687	38	0.0000234
2110 Jan	213	0.11	0.127	0.0032	23.7	0.071	90.1	0.00309	0.000779	0.00000491	0.00627	0.00658	0.085	0.0215	0.00000687	38	0.0000234
2110 Feb	213	0.11	0.127	0.0032	23.7	0.071	90.1	0.00309	0.000779	0.00000491	0.00627	0.00658	0.085	0.0215	0.00000687	38	0.0000234
2110 Mar	213	0.11	0.127	0.0032	23.7	0.071	90.1	0.00309	0.000779	0.00000491	0.00627	0.00658	0.085	0.0215	0.00000687	38	0.0000234
2110 Apr	213	0.11	0.127	0.0032	23.7	0.071	90.1	0.00309	0.000779	0.00000491	0.00627	0.00658	0.085	0.0215	0.00000687	38	0.0000234
2110 May	213	0.11	0.127	0.0032	23.7	0.071	90.2	0.0031	0.00078	0.00000491	0.00627	0.00658	0.085	0.0215	0.00000687	38.1	0.0000234
2110 Jun	213	0.109	0.125	0.00317	23.6	0.0708	90.3	0.00311	0.000777	0.0000049	0.00626	0.0066	0.0847	0.0215	0.00000686	38.1	0.0000234
2110 Jul	213	0.109	0.125	0.00317	23.6	0.0709	90.5	0.00311	0.000778	0.0000049	0.00627	0.00661	0.0848	0.0215	0.00000687	38.2	0.0000234
2110 Aug	213	0.108	0.124	0.00314	23.4	0.0707	90.6	0.00312	0.000775	0.0000049	0.00626	0.00663	0.0846	0.0215	0.00000685	38.3	0.0000233
2110 Sep	213	0.107	0.123	0.00312	23.3	0.0705	90.6	0.00313	0.000772	0.00000488	0.00624	0.00663	0.0843	0.0214	0.00000684	38.3	0.0000232
2110 Oct	213	0.107	0.122	0.0031	23.1	0.0703	90.6	0.00313	0.00077	0.00000487	0.00622	0.00663	0.084	0.0214	0.00000682	38.3	0.0000232
2110 Nov	213	0.107	0.122	0.00309	23.1	0.0703	90.6	0.00313	0.000769	0.00000487	0.00622	0.00663	0.0839	0.0214	0.00000681	38.3	0.0000231
2110 Dec	213	0.107	0.122	0.00309	23.1	0.0703	90.6	0.00313	0.000769	0.00000487	0.00622	0.00663	0.0839	0.0214	0.00000681	38.3	0.0000231
2111 Jan	213	0.107	0.122	0.00309	23.1	0.0703	90.6	0.00313	0.000769	0.00000487	0.00622	0.00663	0.0839	0.0214	0.00000681	38.3	0.0000231
2111 Feb	213	0.107	0.122	0.00309	23.1	0.0703	90.6	0.00313	0.000769	0.00000487	0.00622	0.00663	0.0839	0.0214	0.00000681	38.3	0.0000231
2111 Mar	213	0.107	0.122	0.00309	23.1	0.0703	90.6	0.00313	0.000769	0.00000487	0.00622	0.00663	0.0839	0.0214	0.00000681	38.3	0.0000231
2111 Apr	213	0.107	0.122	0.00309	23.1	0.0703	90.6	0.00313	0.00077	0.00000487	0.00622	0.00663	0.084	0.0214	0.00000682	38.3	0.0000232
2111 May	213	0.107	0.122	0.00309	23.1	0.0703	90.6	0.00313	0.00077	0.00000487	0.00623	0.00664	0.084	0.0214	0.00000682	38.3	0.0000232
2111 Jun	213	0.106	0.121	0.00307	23	0.0701	90.6	0.00314	0.000768	0.00000486	0.00621	0.00664	0.0837	0.0213	0.0000068	38.3	0.0000231
2111 Jul	213	0.106	0.121	0.00308	23	0.0702	90.8	0.00314	0.000769	0.00000487	0.00623	0.00666	0.0839	0.0214	0.00000682	38.4	0.0000231
2111 Aug	213	0.106	0.121	0.00306	23	0.0702	90.9	0.00315	0.000768	0.00000487	0.00622	0.00666	0.0838	0.0214	0.00000681	38.4	0.0000231
2111 Sep	213	0.106	0.12	0.00306	22.9	0.0701	90.9	0.00315	0.000768	0.00000486	0.00622	0.00667	0.0837	0.0214	0.00000681	38.4	0.0000231
2111 Oct	213	0.105	0.12	0.00304	22.8	0.07	90.8	0.00315	0.000766	0.00000485	0.00621	0.00667	0.0835	0.0213	0.0000068	38.4	0.000023
2111 Nov	213	0.105	0.119	0.00303	22.8	0.0699	90.8	0.00315	0.000765	0.00000485	0.0062	0.00666	0.0834	0.0213	0.00000679	38.4	0.000023
2111 Dec	213	0.105	0.119	0.00303	22.8	0.0699	90.8	0.00315	0.000765	0.00000485	0.0062	0.00666	0.0834	0.0213	0.00000679	38.4	0.000023
2112 Jan	213	0.105	0.119	0.00303	22.8	0.0699	90.8	0.00315	0.000765	0.00000485	0.0062	0.00666	0.0834	0.0213	0.00000679	38.4	0.000023
2112 Feb	213	0.105	0.119	0.00303	22.8	0.0699	90.8	0.00315	0.000765	0.00000485	0.0062	0.00666	0.0834	0.0213	0.00000679	38.4	0.000023
2112 Mar	213	0.105	0.119	0.00303	22.8	0.0699	90.8	0.00315	0.000765	0.00000485	0.0062	0.00666	0.0834	0.0213	0.00000679	38.4	0.000023
2112 Apr	213	0.105	0.119	0.00304	22.8	0.0699	90.8	0.00315	0.000765	0.00000485	0.0062	0.00667	0.0834	0.0213	0.00000679	38.4	0.000023
2112 May	213	0.105	0.119	0.00303	22.8	0.0699	90.9	0.00315	0.000765	0.00000485	0.0062	0.00667	0.0834	0.0213	0.00000679	38.4	0.000023
2112 Jun	212	0.104	0.117	0.00299	22.5	0.0694	90.6	0.00315	0.00076	0.00000482	0.00617	0.00666	0.0827	0.0212	0.00000675	38.3	0.0000228
2112 Jul	212	0.104	0.117	0.00298	22.5	0.0694	90.6	0.00315	0.00076	0.00000482	0.00617	0.00666	0.0827	0.0212	0.00000675	38.4	0.0000228
2112 Aug	213	0.104	0.117	0.00298	22.5	0.0695	90.8	0.00316	0.000761	0.00000483	0.00618	0.00667	0.0828	0.0212	0.00000676	38.4	0.0000229
2112 Sep	213	0.104	0.117	0.00298	22.5	0.0694	90.8	0.00316	0.00076	0.00000483	0.00618	0.00668	0.0827	0.0212	0.00000676	38.4	0.0000229
2112 Oct	213	0.103	0.116	0.00297	22.4	0.0694	90.8	0.00316	0.00076	0.00000482	0.00617	0.00668	0.0826	0.0212	0.00000675	38.4	0.0000228
2112 Nov	213	0.103	0.116	0.00297	22.4	0.0694	90.8	0.00316	0.00076	0.00000482	0.00617	0.00668	0.0826	0.0212	0.00000675	38.4	0.0000228
2112 Dec	213	0.103	0.116	0.00297	22.4	0.0694	90.8	0.00316	0.00076	0.00000482	0.00617	0.00668	0.0826	0.0212	0.00000675	38.4	0.0000228
2113 Jan	213	0.103	0.116	0.00297	22.4	0.0694	90.8	0.00316	0.00076	0.00000482	0.00617	0.00668	0.0826	0.0212	0.00000675	38.4	0.0000228
2113 Feb	213	0.103	0.116	0.00297	22.4	0.0694	90.8	0.00316	0.00076	0.00000482	0.00617	0.00668	0.0826	0.0212	0.00000675	38.4	0.0000228
2113 Mar	213	0.103	0.116	0.00297	22.4	0.0694	90.8	0.00316	0.00076	0.00000482	0.00617	0.00668	0.0826	0.0212	0.00000675	38.5	0.0000228
2113 Apr	213	0.103	0.116	0.00297	22.4	0.0694	90.8	0.00316	0.00076	0.00000482	0.00617	0.00668	0.0827	0.0212	0.00000675	38.5	0.0000228
2113 May	213	0.103	0.116	0.00297	22.4	0.0694	90.8	0.00316	0.00076	0.00000483	0.00618	0.00668	0.0827	0.0212	0.00000676	38.5	0.0000228
2113 Jun	212	0.103	0.115	0.00295	22.3	0.0692	90.7	0.00316	0.000758	0.00000481	0.00616	0.00668	0.0824	0.0212	0.00000674	38.5	0.0000228
2113 Jul	213	0.103	0.116	0.00296	22.3	0.0693	90.9	0.00317	0.000759	0.00000482	0.00617	0.00669	0.0825	0.0212	0.00000675	38.5	0.0000228
2113 Aug	213	0.103	0.116	0.00296	22.3	0.0694	91	0.00317	0.00076	0.00000483	0.00618	0.0067	0.0826	0.0213	0.00000676	38.6	0.0000228
2113 Sep	213	0.103	0.115	0.00295	22.3	0.0693	91	0.00318	0.000759	0.00000482	0.00618	0.0067	0.0825	0.0212	0.00000675	38.6	0.0000228
2113 Oct	213	0.102	0.114	0.00293	22.2	0.0691	90.9	0.00318	0.000756	0.00000481	0.00616	0.0067	0.0822	0.0212	0.00000673	38.6	0.0000227
2113 Nov	213	0.102	0.114	0.00292	22.1	0.069	90.9	0.00318	0.000756	0.00000481	0.00615	0.0067	0.0821	0.0212	0.00000673	38.6	0.0000227
2113 Dec	213	0.102	0.114	0.00292	22.1	0.069	90.9	0.00318	0.000756	0.00000481	0.00615	0.0067	0.0821	0.0212	0.00000673	38.6	0.0000227
2114 Jan	213	0.102	0.114	0.00292	22.1	0.069	90.9	0.00318	0.000756	0.00000481	0.00615	0.0067	0.0821	0.0212	0.00000673	38.6	0.0000227
2114 Feb	213	0.102	0.114	0.00292	22.1	0.069	90.9	0.00318	0.000756	0.00000481	0.00615	0.0067	0.0821	0.0212	0.00000673	38.6	0.0000227
2114 Mar	213	0.102	0.114	0.00292	22.1	0.069	90.9	0.00318	0.000756	0.00000481	0.00615	0.0067	0.0821	0.0212	0.00000673	38.6	0.0000227
2114 Apr	213	0.102	0.114	0.00292	22.1	0.0691	90.9	0.00318	0.000756	0.00000481	0.00616	0.0067	0.0821	0.0212	0.00000673	38.6	0.0000227
2114 May	213	0.102	0.114	0.00292	22.1	0.069	90.9	0.00318	0.000755	0.0000048	0.00615	0.0067	0.082	0.0212	0.00000673	38.6	0.0000227
2114 Jun	213	0.101	0.113	0.00291	22.1	0.0689	91	0.00318	0.000755	0.0000048	0.00615	0.00671	0.0819	0.0212	0.00000672	38.6	0.0000227
2114 Jul	213	0.102	0.114	0.00292	22.1	0.0691	91.2	0.00319	0.000757	0.00000482	0.00617	0.00673	0.0822	0.0212	0.00000674	38.7	0.0000227
2114 Aug	214	0.102	0.114	0.00292	22.2	0.0693	91.4	0.0032	0.000759	0.00000483	0.00618	0.00674	0.0824	0.0213	0.00000676	38.8	0.0000228
2114 Sep	214	0.102	0.114	0.00292	22.1	0.0692	91.4	0.0032	0.000758	0.00000482	0.00618	0.00674	0.0823	0.0213	0.00000675	38.8	0.0000228

Appendix C.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	75.1	0.0511	0.0643	0.0027	21	0.0334	11.5	0.000879	0.000746	0.00000461	0.00294	0.000509	0.0203	0.00788	0.00000477	7.91	0.00000715
Post Closure (2039-2048): Mean	165	0.131	0.168	0.00425	31.1	0.0617	60	0.00206	0.000836	0.00000486	0.00531	0.00411	0.069	0.0173	0.00000628	25.7	0.0000193
Post Closure (2039-2048): Max	216	0.171	0.235	0.00562	38.5	0.0727	93	0.00331	0.000895	0.00000498	0.00631	0.00692	0.0877	0.0216	0.00000694	39.8	0.000024
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2114 Oct	214	0.102	0.113	0.00291	22.1	0.0691	91.4	0.0032	0.000757	0.00000482	0.00617	0.00674	0.0821	0.0212	0.00000674	38.8	0.0000227
2114 Nov	213	0.101	0.113	0.0029	22	0.069	91.3	0.0032	0.000755	0.00000481	0.00616	0.00674	0.082	0.0212	0.00000673	38.8	0.0000227
2114 Dec	213	0.101	0.113	0.0029	22	0.069	91.3	0.0032	0.000755	0.00000481	0.00616	0.00674	0.082	0.0212	0.00000673	38.8	0.0000227
2115 Jan	213	0.101	0.113	0.0029	22	0.069	91.3	0.0032	0.000755	0.00000481	0.00616	0.00674	0.082	0.0212	0.00000673	38.8	0.0000227
2115 Feb	213	0.101	0.113	0.0029	22	0.069	91.3	0.0032	0.000755	0.00000481	0.00616	0.00674	0.082	0.0212	0.00000673	38.8	0.0000227
2115 Mar	213	0.101	0.113	0.0029	22	0.069	91.3	0.0032	0.000755	0.00000481	0.00616	0.00674	0.082	0.0212	0.00000673	38.8	0.0000227
2115 Apr	213	0.101	0.113	0.0029	22	0.069	91.4	0.0032	0.000756	0.00000481	0.00616	0.00674	0.082	0.0212	0.00000674	38.8	0.0000227
2115 May	213	0.101	0.113	0.00289	22	0.069	91.4	0.0032	0.000755	0.00000481	0.00616	0.00675	0.0819	0.0212	0.00000673	38.8	0.0000227
2115 Jun	214	0.101	0.112	0.00289	22	0.069	91.5	0.00321	0.000756	0.00000481	0.00617	0.00676	0.082	0.0212	0.00000674	38.9	0.0000227
2115 Jul	214	0.101	0.113	0.00289	22	0.0692	91.7	0.00322	0.000758	0.00000483	0.00618	0.00677	0.0822	0.0213	0.00000675	39	0.0000228
2115 Aug	214	0.101	0.112	0.00289	22	0.0691	91.7	0.00322	0.000757	0.00000482	0.00618	0.00678	0.0821	0.0213	0.00000675	39	0.0000227
2115 Sep	214	0.101	0.112	0.00288	21.9	0.0691	91.8	0.00322	0.000756	0.00000482	0.00618	0.00678	0.082	0.0213	0.00000675	39	0.0000227
2115 Oct	214	0.101	0.112	0.00288	21.9	0.0691	91.8	0.00322	0.000756	0.00000482	0.00618	0.00678	0.082	0.0213	0.00000675	39	0.0000227
2115 Nov	214	0.101	0.112	0.00287	21.9	0.069	91.8	0.00322	0.000756	0.00000482	0.00617	0.00679	0.0819	0.0213	0.00000674	39	0.0000227
2115 Dec	214	0.101	0.112	0.00287	21.9	0.069	91.8	0.00322	0.000756	0.00000482	0.00617	0.00679	0.0819	0.0213	0.00000674	39	0.0000227
2116 Jan	214	0.101	0.112	0.00287	21.9	0.069	91.8	0.00322	0.000756	0.00000482	0.00617	0.00679	0.0819	0.0213	0.00000674	39	0.0000227
2116 Feb	214	0.101	0.112	0.00287	21.9	0.0691	91.8	0.00322	0.000756	0.00000482	0.00617	0.00679	0.0819	0.0213	0.00000674	39	0.0000227
2116 Mar	214	0.101	0.112	0.00287	21.9	0.0691	91.8	0.00322	0.000756	0.00000482	0.00617	0.00679	0.0819	0.0213	0.00000674	39	0.0000227
2116 Apr	214	0.101	0.112	0.00287	21.9	0.0691	91.8	0.00322	0.000756	0.00000482	0.00617	0.00679	0.082	0.0213	0.00000675	39	0.0000227
2116 May	214	0.101	0.112	0.00287	21.9	0.0691	91.9	0.00323	0.000756	0.00000482	0.00618	0.00679	0.0819	0.0213	0.00000675	39.1	0.0000227
2116 Jun	214	0.0996	0.11	0.00284	21.7	0.0687	91.8	0.00323	0.000752	0.0000048	0.00615	0.00679	0.0815	0.0212	0.00000672	39	0.0000226
2116 Jul	215	0.0998	0.11	0.00284	21.7	0.0688	92	0.00324	0.000753	0.00000481	0.00616	0.00681	0.0816	0.0213	0.00000673	39.1	0.0000226
2116 Aug	215	0.1	0.11	0.00285	21.8	0.069	92.1	0.00324	0.000755	0.00000482	0.00618	0.00682	0.0818	0.0213	0.00000675	39.2	0.0000227
2116 Sep	215	0.0997	0.11	0.00283	21.7	0.0689	92.1	0.00324	0.000754	0.00000481	0.00617	0.00682	0.0816	0.0213	0.00000674	39.2	0.0000226
2116 Oct	215	0.0992	0.109	0.00282	21.6	0.0687	92.1	0.00324	0.000752	0.0000048	0.00616	0.00682	0.0814	0.0212	0.00000672	39.2	0.0000226
2116 Nov	215	0.0992	0.109	0.00282	21.6	0.0687	92.1	0.00325	0.000752	0.0000048	0.00616	0.00682	0.0814	0.0212	0.00000672	39.2	0.0000226
2116 Dec	215	0.0992	0.109	0.00282	21.6	0.0687	92.1	0.00325	0.000752	0.0000048	0.00616	0.00682	0.0814	0.0212	0.00000672	39.2	0.0000226
2117 Jan	215	0.0992	0.109	0.00282	21.6	0.0687	92.1	0.00325	0.000752	0.0000048	0.00616	0.00682	0.0814	0.0212	0.00000672	39.2	0.0000226
2117 Feb	215	0.0992	0.109	0.00282	21.6	0.0687	92.1	0.00325	0.000752	0.0000048	0.00616	0.00682	0.0814	0.0212	0.00000672	39.2	0.0000226
2117 Mar	215	0.0992	0.109	0.00282	21.6	0.0687	92.1	0.00325	0.000752	0.0000048	0.00616	0.00682	0.0814	0.0212	0.00000672	39.2	0.0000226
2117 Apr	215	0.0992	0.109	0.00282	21.6	0.0687	92.1	0.00325	0.000752	0.00000481	0.00616	0.00682	0.0814	0.0212	0.00000673	39.2	0.0000226
2117 May	215	0.0992	0.109	0.00282	21.6	0.0688	92.2	0.00325	0.000752	0.00000481	0.00616	0.00683	0.0814	0.0213	0.00000673	39.2	0.0000226
2117 Jun	215	0.099	0.109	0.00281	21.6	0.0687	92.2	0.00325	0.000752	0.00000481	0.00616	0.00683	0.0814	0.0213	0.00000673	39.3	0.0000226
2117 Jul	215	0.0993	0.109	0.00282	21.6	0.0689	92.4	0.00326	0.000754	0.00000482	0.00618	0.00685	0.0816	0.0213	0.00000674	39.4	0.0000226
2117 Aug	216	0.0994	0.109	0.00282	21.6	0.069	92.5	0.00326	0.000755	0.00000482	0.00618	0.00686	0.0817	0.0213	0.00000675	39.4	0.0000227
2117 Sep	216	0.0994	0.109	0.00282	21.7	0.069	92.6	0.00327	0.000755	0.00000483	0.00619	0.00686	0.0817	0.0213	0.00000675	39.4	0.0000227
2117 Oct	216	0.0993	0.109	0.00282	21.6	0.069	92.6	0.00327	0.000755	0.00000482	0.00618	0.00686	0.0817	0.0213	0.00000675	39.4	0.0000227
2117 Nov	216	0.0993	0.109	0.00282	21.6	0.069	92.6	0.00327	0.000755	0.00000482	0.00618	0.00686	0.0816	0.0213	0.00000675	39.4	0.0000226
2117 Dec	216	0.0993	0.109	0.00282	21.6	0.069	92.6	0.00327	0.000755	0.00000482	0.00618	0.00686	0.0816	0.0213	0.00000675	39.4	0.0000226
2118 Jan	216	0.0993	0.109	0.00282	21.6	0.069	92.6	0.00327	0.000755	0.00000482	0.00618	0.00686	0.0816	0.0213	0.00000675	39.4	0.0000226
2118 Feb	216	0.0993	0.109	0.00282	21.6	0.069	92.6	0.00327	0.000755	0.00000482	0.00618	0.00686	0.0816	0.0213	0.00000675	39.4	0.0000226
2118 Mar	216	0.0993	0.109	0.00282	21.6	0.069	92.6	0.00327	0.000755	0.00000482	0.00618	0.00686	0.0816	0.0213	0.00000675	39.4	0.0000226
2118 Apr	216	0.0993	0.109	0.00282	21.6	0.069	92.6	0.00327	0.000755	0.00000482	0.00618	0.00686	0.0817	0.0213	0.00000675	39.4	0.0000226
2118 May	216	0.099	0.109	0.00281	21.6	0.0689	92.6	0.00327	0.000754	0.00000482	0.00618	0.00687	0.0815	0.0213	0.00000675	39.5	0.0000226
2118 Jun	216	0.0982	0.107	0.00278	21.4	0.0686	92.6	0.00327	0.000751	0.00000481	0.00616	0.00687	0.0811	0.0213	0.00000673	39.5	0.0000225
2118 Jul	216	0.0985	0.108	0.00279	21.5	0.0688	92.8	0.00328	0.000753	0.00000482	0.00618	0.00689	0.0813	0.0214	0.00000674	39.6	0.0000226
2118 Aug	216	0.0984	0.107	0.00278	21.4	0.0688	92.9	0.00329	0.000753	0.00000482	0.00618	0.00689	0.0813	0.0214	0.00000674	39.6	0.0000226
2118 Sep	216	0.0978	0.107	0.00276	21.3	0.0686	92.8	0.00329	0.000751	0.00000481	0.00616	0.0069	0.081	0.0213	0.00000673	39.6	0.0000225
2118 Oct	216	0.0974	0.106	0.00275	21.2	0.0684	92.8	0.00329	0.000749	0.0000048	0.00615	0.0069	0.0808	0.0213	0.00000672	39.6	0.0000225
2118 Nov	216	0.0973	0.106	0.00274	21.2	0.0684	92.8	0.00329	0.000749	0.0000048	0.00615	0.0069	0.0808	0.0213	0.00000671	39.6	0.0000224
2118 Dec	216	0.0973	0.106	0.00274	21.2	0.0684	92.8	0.00329	0.000749	0.0000048	0.00615	0.0069	0.0808	0.0213	0.00000671	39.6	0.0000224
2119 Jan	216	0.0973	0.106	0.00274	21.2	0.0684	92.8	0.00329	0.000749	0.0000048	0.00615	0.0069	0.0808	0.0213	0.00000671	39.6	0.0000224
2119 Feb	216	0.0973	0.106	0.00274	21.2	0.0684	92.8	0.00329	0.000749	0.0000048	0.00615	0.0069	0.0808	0.0213	0.00000671	39.6	0.0000224
2119 Mar	216	0.0973	0.106	0.00274	21.2	0.0684	92.8	0.00329	0.000749	0.0000048	0.00615	0.0069	0.0808	0.0213	0.00000671	39.6	0.0000224
2119 Apr	216	0.0973	0.106	0.00274	21.2	0.0684	92.8	0.00329	0.000749	0.0000048	0.00616	0.0069	0.0808	0.0213	0.00000672	39.6	0.0000225
2119 May	216	0.0969	0.105	0.00273	21.1	0.0682	92.7	0.00329	0.000747	0.00000479	0.00614	0.0069	0.0806	0.0213	0.0000067	39.6	0.0000224
2119 Jun	216	0.0966	0.105	0.00272	21.1	0.0681	92.7	0.00329	0.000746	0.00000478	0.00614	0.0069	0.0804	0.0213	0.00000669	39.6	0.0000224
2119 Jul	216	0.0967	0.105	0.00272	21.1	0.0683	92.9	0.0033	0.000748	0.0000048	0.00615	0.00692	0.0806	0.0213	0.00000671	39.7	0.0000224
2119 Aug	216	0.0968	0.105	0.00272	21.1	0.0683	93	0.00331	0.000749	0.0000048	0.00616	0.00692	0.0806	0.0213	0.00000672	39.8	0.0000224
2119 Sep	216	0.0965	0.104	0.00271	21.1	0.0682	93	0.00331	0.000747	0.0000048	0.00615	0.00692	0.0805	0.0213	0.00000671	39.8	0.0000224
2119 Oct	216	0.0962	0.104	0.0027	21	0.0681	93	0.00331	0.000746	0.00000479	0.00614	0.00692	0.0803	0.0213	0.0000067	39.8	0.0000224
2119 Nov	216	0.0961	0.104	0.0027	21	0.0681	92.9	0.00331	0.000746	0.00000479	0.00614	0.00692	0.0802	0.0213	0.00000669	39.8	0.0000223
2119 Dec	216	0.0961	0.104	0.0027	21	0.0681	92.9	0.00331	0.000746	0.00000479	0.00614	0.00692	0.0802	0.0213	0.00000669	39.8	0.0000223

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
Model Predictions (2039-2119)																					
2039 Jan	0.000156	0.0000921	0.000835	0.013	0.00000203	1.65	1.99	0.00966	0.000288	15.7	0.00124	0.00411	0.000038	0.000136	0.0000844	0.0571	0.00000183	0.000271	0.000109	0.0008	0.00031
2039 Feb	0.000156	0.0000921	0.000835	0.013	0.00000203	1.65	1.99	0.00966	0.000288	15.7	0.00124	0.00411	0.000038	0.000136	0.0000844	0.0571	0.00000183	0.000271	0.000109	0.0008	0.00031
2039 Mar	0.000156	0.0000921	0.000835	0.013	0.00000203	1.65	1.99	0.00966	0.000288	15.7	0.00124	0.00411	0.000038	0.000136	0.0000844	0.0571	0.00000183	0.000271	0.000109	0.0008	0.00031
2039 Apr	0.000156	0.0000921	0.000835	0.013	0.00000203	1.65	1.99	0.00966	0.000288	15.7	0.00124	0.00411	0.000038	0.000136	0.0000844	0.0571	0.00000183	0.000271	0.000109	0.0008	0.00031
2039 May	0.000156	0.0000922	0.000836	0.013	0.00000203	1.65	1.99	0.00966	0.000288	15.7	0.00124	0.00411	0.000038	0.000136	0.0000844	0.0572	0.00000183	0.000271	0.000109	0.000801	0.00031
2039 Jun	0.000156	0.0000922	0.000834	0.0132	0.00000204	1.65	1.98	0.00967	0.000287	15.6	0.00123	0.00411	0.0000384	0.000135	0.0000841	0.057	0.00000183	0.00027	0.000109	0.000801	0.000308
2039 Jul	0.000155	0.0000923	0.000833	0.0133	0.00000204	1.64	1.98	0.00968	0.000285	15.5	0.00123	0.00412	0.0000387	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.00011	0.000801	0.000306
2039 Aug	0.000156	0.0000924	0.000833	0.0133	0.00000204	1.64	1.98	0.00969	0.000285	15.5	0.00123	0.00412	0.0000389	0.000135	0.0000839	0.0569	0.00000183	0.000268	0.00011	0.000802	0.000306
2039 Sep	0.000156	0.0000925	0.000834	0.0134	0.00000205	1.64	1.98	0.0097	0.000286	15.5	0.00123	0.00413	0.0000389	0.000135	0.000084	0.057	0.00000183	0.000269	0.00011	0.000803	0.000306
2039 Oct	0.000156	0.0000925	0.000834	0.0134	0.00000205	1.64	1.98	0.0097	0.000286	15.5	0.00123	0.00413	0.0000389	0.000135	0.000084	0.057	0.00000183	0.000269	0.00011	0.000803	0.000306
2039 Nov	0.000156	0.0000925	0.000834	0.0134	0.00000205	1.64	1.98	0.0097	0.000286	15.5	0.00123	0.00413	0.0000389	0.000135	0.000084	0.057	0.00000183	0.000269	0.00011	0.000803	0.000306
2039 Dec	0.000156	0.0000925	0.000834	0.0134	0.00000205	1.64	1.98	0.0097	0.000286	15.5	0.00123	0.00413	0.0000389	0.000135	0.000084	0.057	0.00000183	0.000269	0.00011	0.000803	0.000306
2040 Jan	0.000156	0.0000925	0.000834	0.0134	0.00000205	1.64	1.98	0.0097	0.000286	15.5	0.00123	0.00413	0.0000389	0.000135	0.000084	0.057	0.00000183	0.000269	0.00011	0.000803	0.000306
2040 Feb	0.000156	0.0000925	0.000834	0.0134	0.00000205	1.64	1.98	0.0097	0.000286	15.5	0.00123	0.00413	0.0000389	0.000135	0.000084	0.057	0.00000183	0.000269	0.00011	0.000803	0.000306
2040 Mar	0.000156	0.0000925	0.000834	0.0134	0.00000205	1.64	1.98	0.0097	0.000286	15.5	0.00123	0.00413	0.0000389	0.000135	0.000084	0.057	0.00000183	0.000269	0.00011	0.000803	0.000306
2040 Apr	0.000156	0.0000925	0.000834	0.0134	0.00000205	1.64	1.98	0.0097	0.000286	15.5	0.00123	0.00413	0.0000389	0.000135	0.000084	0.057	0.00000183	0.000269	0.00011	0.000803	0.000307
2040 May	0.000156	0.0000926	0.000835	0.0134	0.00000205	1.65	1.98	0.00971	0.000286	15.5	0.00123	0.00413	0.000039	0.000135	0.000084	0.057	0.00000183	0.000269	0.00011	0.000804	0.000307
2040 Jun	0.000156	0.0000931	0.000834	0.0137	0.00000206	1.65	1.98	0.00983	0.000286	15.5	0.00123	0.00414	0.00004	0.000135	0.000084	0.0573	0.00000183	0.000269	0.000112	0.000805	0.000305
2040 Jul	0.000157	0.0000933	0.000835	0.0138	0.00000207	1.65	1.99	0.00987	0.000287	15.5	0.00123	0.00415	0.0000402	0.000136	0.0000842	0.0575	0.00000183	0.000269	0.000112	0.000807	0.000305
2040 Aug	0.000157	0.0000935	0.000836	0.0138	0.00000207	1.65	1.99	0.00988	0.000288	15.5	0.00123	0.00415	0.0000403	0.000136	0.0000843	0.0576	0.00000184	0.000269	0.000112	0.000808	0.000306
2040 Sep	0.000157	0.0000935	0.000837	0.0138	0.00000207	1.65	1.99	0.00989	0.000288	15.5	0.00123	0.00415	0.0000403	0.000136	0.0000843	0.0576	0.00000184	0.00027	0.000112	0.000808	0.000306
2040 Oct	0.000157	0.0000935	0.000837	0.0138	0.00000207	1.65	1.99	0.00989	0.000288	15.5	0.00124	0.00416	0.0000403	0.000136	0.0000843	0.0576	0.00000184	0.00027	0.000112	0.000808	0.000306
2040 Nov	0.000157	0.0000936	0.000837	0.0138	0.00000207	1.65	1.99	0.00989	0.000288	15.5	0.00124	0.00416	0.0000403	0.000136	0.0000844	0.0576	0.00000184	0.00027	0.000112	0.000809	0.000306
2040 Dec	0.000157	0.0000936	0.000837	0.0138	0.00000207	1.65	1.99	0.00989	0.000288	15.5	0.00124	0.00416	0.0000403	0.000136	0.0000844	0.0576	0.00000184	0.00027	0.000112	0.000809	0.000306
2041 Jan	0.000157	0.0000936	0.000837	0.0138	0.00000207	1.65	1.99	0.00989	0.000288	15.5	0.00124	0.00416	0.0000403	0.000136	0.0000844	0.0576	0.00000184	0.00027	0.000112	0.000809	0.000306
2041 Feb	0.000157	0.0000936	0.000837	0.0138	0.00000207	1.65	1.99	0.00989	0.000288	15.5	0.00124	0.00416	0.0000403	0.000136	0.0000844	0.0576	0.00000184	0.00027	0.000112	0.000809	0.000306
2041 Mar	0.000157	0.0000936	0.000837	0.0138	0.00000207	1.65	1.99	0.00989	0.000288	15.5	0.00124	0.00416	0.0000403	0.000136	0.0000844	0.0576	0.00000184	0.00027	0.000112	0.000809	0.000306
2041 Apr	0.000157	0.0000936	0.000837	0.0138	0.00000207	1.65	1.99	0.00989	0.000288	15.5	0.00124	0.00416	0.0000403	0.000136	0.0000844	0.0576	0.00000184	0.00027	0.000112	0.000809	0.000306
2041 May	0.000157	0.0000936	0.000837	0.0138	0.00000208	1.65	1.99	0.0099	0.000288	15.5	0.00124	0.00416	0.0000404	0.000136	0.0000844	0.0576	0.00000184	0.00027	0.000113	0.000809	0.000306
2041 Jun	0.000159	0.0000942	0.000838	0.0141	0.00000211	1.67	2	0.0101	0.000293	15.6	0.00124	0.00417	0.0000411	0.000138	0.000085	0.0586	0.00000185	0.000273	0.000114	0.000812	0.000307
2041 Jul	0.000162	0.0000949	0.000838	0.0145	0.00000215	1.69	2.02	0.0103	0.000299	15.6	0.00125	0.00419	0.000042	0.000141	0.0000859	0.0598	0.00000185	0.000278	0.000116	0.000816	0.000309
2041 Aug	0.000162	0.0000951	0.00084	0.0145	0.00000215	1.69	2.03	0.0103	0.0003	15.6	0.00125	0.0042	0.0000421	0.000141	0.0000861	0.0599	0.00000186	0.000279	0.000117	0.000817	0.00031
2041 Sep	0.000162	0.0000951	0.00084	0.0145	0.00000215	1.7	2.03	0.0103	0.0003	15.6	0.00125	0.0042	0.0000421	0.000141	0.0000862	0.06	0.00000186	0.000279	0.000117	0.000818	0.00031
2041 Oct	0.000162	0.0000951	0.00084	0.0145	0.00000215	1.7	2.03	0.0103	0.0003	15.6	0.00125	0.0042	0.0000421	0.000141	0.0000862	0.06	0.00000186	0.000279	0.000117	0.000818	0.00031
2041 Nov	0.000162	0.0000952	0.00084	0.0145	0.00000215	1.7	2.03	0.0103	0.0003	15.6	0.00125	0.0042	0.0000421	0.000141	0.0000862	0.06	0.00000186	0.000279	0.000117	0.000818	0.00031
2041 Dec	0.000162	0.0000952	0.00084	0.0145	0.00000215	1.7	2.03	0.0103	0.0003	15.6	0.00125	0.0042	0.0000421	0.000141	0.0000862	0.06	0.00000186	0.000279	0.000117	0.000818	0.00031
2042 Jan	0.000162	0.0000952	0.00084	0.0145	0.00000215	1.7	2.03	0.0103	0.0003	15.6	0.00125	0.0042	0.0000421	0.000141	0.0000862	0.06	0.00000186	0.000279	0.000117	0.000818	0.00031
2042 Feb	0.000162	0.0000952	0.00084	0.0145	0.00000215	1.7	2.03	0.0103	0.0003	15.6	0.00125	0.0042	0.0000421	0.000141	0.0000862	0.06	0.00000186	0.000279	0.000117	0.000818	0.00031
2042 Mar	0.000162	0.0000952	0.00084	0.0145	0.00000215	1.7	2.03	0.0103	0.0003	15.6	0.00125	0.0042	0.0000421	0.000141	0.0000862	0.06	0.00000186	0.000279	0.000117	0.000818	0.00031
2042 Apr	0.000162	0.0000952	0.00084	0.0145	0.00000215	1.7	2.03	0.0103	0.0003	15.6	0.00125	0.0042	0.0000421	0.000141	0.0000862	0.06	0.00000186	0.000279	0.000117	0.000818	0.00031
2042 May	0.000162	0.0000953	0.000841	0.0145	0.00000216	1.7	2.03	0.0103	0.000301	15.6	0.00125	0.0042	0.0000422	0.000141	0.0000863	0.06	0.00000186	0.000279	0.000117	0.000819	0.00031
2042 Jun	0.000164	0.0000957	0.000842	0.0148	0.00000219	1.71	2.05	0.0105	0.000306	15.7	0.00126	0.00421	0.0000426	0.000143	0.000087	0.061	0.00000187	0.000284	0.000118	0.000822	0.000312
2042 Jul	0.000166	0.0000962	0.000843	0.0149	0.00000221	1.73	2.06	0.0106	0.000311	15.7	0.00127	0.00422	0.0000431	0.000145	0.0000877	0.0619	0.00000187	0.000288	0.000119	0.000824	0.000314
2042 Aug	0.000169	0.0000967	0.000844	0.0151	0.00000225	1.75	2.08	0.0108	0.000316	15.8	0.00127	0.00423	0.0000435	0.000147	0.0000886	0.0629	0.00000188	0.000292	0.000121	0.000827	0.000316
2042 Sep	0.000171	0.0000971	0.000845	0.0153	0.00000227	1.77	2.1	0.011	0.000322	15.9	0.00128	0.00424	0.0000439	0.00015	0.0000894	0.0639	0.00000189	0.000297	0.000122	0.000829	0.000319
2042 Oct	0.000172	0.0000974	0.000846	0.0154	0.00000229	1.78	2.1	0.011	0.000325	15.9	0.00129	0.00425	0.000044	0.000151	0.0000898	0.0645	0.00000189	0.0003	0.000122	0.000831	0.00032
2042 Nov	0.000172	0.0000974	0.000846	0.0154	0.00000229	1.78	2.1	0.011	0.000325	15.9	0.00129	0.00425	0.000044	0.000151	0.0000899	0.0645	0.00000189	0.0003	0.000122	0.000831	0.00032
2042 Dec	0.000172	0.0000974	0.000846	0.0154	0.00000229	1.78	2.1	0.011	0.000325	15.9	0.00129	0.00425	0.000044	0.000151	0.0000899	0.0645	0.00000189	0.0003	0.000122	0.000831	0.00032
2043 Jan	0.000172	0.0000974	0.000846	0.0154	0.00000229	1.78	2.1	0.011	0.000325	15.9	0.00129	0.00425	0.000044	0.000151	0.0000899	0.0645	0.00000189	0.0003	0.000122	0.000831	0.00032
2043 Feb	0.000172	0.0000974	0.000846	0.0154	0.00000229	1.78	2.1	0.011	0.000325	15.9	0.00129	0.00425	0.000044	0.000151	0.0000899	0.0645	0.00000189	0.0003	0.000122	0.000831	0.00032
2043 Mar	0.000172	0.0000974	0.000846	0.0154	0.00000229	1.78	2.1	0.011	0.000325	15.9	0.00129	0.00425	0.000044	0.000151	0.0000899	0.0645	0.00000189	0.0003	0.000122	0.000831	0.00032
2043 Apr	0.000172	0.0000974	0.000846	0.0154	0.00000229	1.78	2.11	0.011	0.000325	15.9	0.00129	0.00425	0.0000441	0.000151	0.0000899	0.0645	0.00000189	0.0003	0.000123	0.000831	0.00032
2043 May	0.000172	0.0000975	0.000847	0.0154	0.00000229	1.78	2.11	0.0111	0.000326	15.9	0.00129	0.00425	0.0000441	0.000151	0.00009	0.0646	0.0000019	0.0003	0.000123	0.000832	0.000321
2043 Jun	0.000176	0.0000985	0.000848	0.0158	0.00000235	1.82	2.14	0.0114	0.000336	16	0.0013	0.00427	0.0000451	0.000155	0.0000915	0.0665	0.00000191	0.000309	0.000125	0.000836	0.000325
2043 Jul	0.000177	0.0000989	0.000851	0.0159	0.00000236	1.83	2.15	0.0115	0.000338	16.1	0.00131	0.00428	0.0000454	0.000156	0.000092	0.0669	0.00000191	0.000311	0.000126	0.000839	0.000327
2043 Aug	0.000178	0.0000991	0.000852	0.0159	0.00000237	1.83	2.15	0.0115	0.000339	16.1	0.00131	0.00429	0.0000455	0.000157	0.0000921	0.0671	0.00000192	0.000312	0.000126	0.00084	0.000327
2043 Sep	0.000178	0.0000991	0.000853	0.0159	0.00000237	1.83	2.15	0.0115	0.000339	16.1	0.00131	0.00429	0.0000455	0.000157	0.0000922	0.0671	0.00000192	0.000312	0.000126	0.000841	0.000327
2043 Oct	0.000178	0.0000992	0.000853	0.0159	0.00000237	1.84	2.16	0.0115	0.00034	16.1	0.00131	0.00429	0.0000455	0.000157	0.0000923	0.0672	0.00000192	0.000312	0.000126	0.000841	0.000328
2043 Nov	0.000179	0.0000992	0.000853	0.016	0.00000238	1.84	2.16	0.0115	0.000341	16.1	0.00131	0.00429	0.0000456	0.000157	0.0000924	0.0674	0.00000192	0.000313	0.000126	0.000841	0.000328
2043 Dec	0.000179	0.0000992	0.000853	0.016	0.00000238	1.84	2.16	0.0115	0.000341	16.1	0.00131	0.0043	0.0000456	0.000157	0.0000924	0.0674	0.00000192	0.000313	0.000126	0.000841	0.000328
2044 Jan	0.000179	0.0000992	0.000853	0.016	0.00000238	1.84	2.16	0.0115	0.000341	16.1	0.00131	0.0043	0.0000456	0.000157	0.0000924	0.0674	0.00000192	0.000313	0.000126	0.000841	0.000328
2044 Feb	0.000179	0.0000992	0.000853	0.016	0.00000238	1.84	2.16	0.0115	0.000341	16.1	0.00131	0.0043	0.0000456	0.000157	0.0000924	0.0674	0.00000192	0.000313	0.000126	0.000841	0.000328
2044 Mar	0.000179	0.0000992	0.000853	0.016	0.00000238	1.84	2.16	0.0115	0.000341	16.1	0.00131	0.0043	0.0000456	0.000157	0.0000924	0.0674	0.00000192	0.000313	0.000126	0.000841	0.000328
2044 Apr	0.000179	0.0000992	0.000853	0.016	0.00000238	1.84	2.16	0.0115	0.000341	16.1	0.00131	0.0043	0.0000456	0.000157	0.0000924	0.0674	0.00000192	0.000313	0.000126	0.000841	0.000328

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2044 May	0.000179	0.0000993	0.000853	0.016	0.00000238	1.84	2.16	0.0115	0.000341	16.2	0.00131	0.0043	0.0000456	0.000157	0.0000925	0.0674	0.00000192	0.000313	0.000127	0.000842	0.000328
2044 Jun	0.000186	0.000101	0.000857	0.0165	0.00000247	1.9	2.22	0.012	0.00036	16.4	0.00134	0.00432	0.0000468	0.000165	0.0000953	0.0707	0.00000194	0.000329	0.00013	0.000849	0.000337
2044 Jul	0.000189	0.000102	0.00086	0.0167	0.00000252	1.93	2.24	0.0123	0.000369	16.5	0.00135	0.00434	0.0000473	0.000168	0.0000966	0.0722	0.00000196	0.000336	0.000132	0.000853	0.000342
2044 Aug	0.00019	0.000102	0.000862	0.0167	0.00000252	1.94	2.25	0.0123	0.00037	16.5	0.00136	0.00435	0.0000474	0.000169	0.0000969	0.0724	0.00000196	0.000337	0.000132	0.000855	0.000342
2044 Sep	0.00019	0.000102	0.000861	0.0167	0.00000252	1.94	2.25	0.0123	0.00037	16.5	0.00136	0.00435	0.0000474	0.000168	0.0000968	0.0724	0.00000196	0.000337	0.000132	0.000855	0.000342
2044 Oct	0.00019	0.000102	0.000861	0.0167	0.00000253	1.94	2.25	0.0123	0.000371	16.5	0.00136	0.00435	0.0000474	0.000169	0.0000969	0.0726	0.00000196	0.000338	0.000132	0.000855	0.000343
2044 Nov	0.00019	0.000102	0.000862	0.0168	0.00000253	1.94	2.25	0.0123	0.000371	16.5	0.00136	0.00435	0.0000474	0.000169	0.000097	0.0726	0.00000196	0.000338	0.000133	0.000855	0.000343
2044 Dec	0.00019	0.000102	0.000862	0.0168	0.00000253	1.94	2.25	0.0123	0.000371	16.5	0.00136	0.00435	0.0000474	0.000169	0.000097	0.0726	0.00000196	0.000338	0.000133	0.000855	0.000343
2045 Jan	0.00019	0.000102	0.000862	0.0168	0.00000253	1.94	2.25	0.0123	0.000371	16.5	0.00136	0.00435	0.0000474	0.000169	0.000097	0.0726	0.00000196	0.000338	0.000133	0.000855	0.000343
2045 Feb	0.00019	0.000102	0.000862	0.0168	0.00000253	1.94	2.25	0.0123	0.000371	16.5	0.00136	0.00435	0.0000474	0.000169	0.000097	0.0726	0.00000196	0.000338	0.000133	0.000855	0.000343
2045 Mar	0.00019	0.000102	0.000862	0.0168	0.00000253	1.94	2.25	0.0123	0.000371	16.5	0.00136	0.00435	0.0000474	0.000169	0.000097	0.0727	0.00000196	0.000338	0.000133	0.000855	0.000343
2045 Apr	0.00019	0.000102	0.000862	0.0168	0.00000253	1.94	2.25	0.0123	0.000371	16.5	0.00136	0.00435	0.0000475	0.000169	0.000097	0.0727	0.00000196	0.000338	0.000133	0.000855	0.000343
2045 May	0.00019	0.000102	0.000862	0.0168	0.00000253	1.95	2.25	0.0124	0.000372	16.5	0.00136	0.00436	0.0000475	0.000169	0.0000971	0.0727	0.00000197	0.000338	0.000133	0.000856	0.000343
2045 Jun	0.000196	0.000103	0.000865	0.0171	0.0000026	2	2.3	0.0127	0.000388	16.7	0.00138	0.00438	0.0000482	0.000175	0.0000993	0.0752	0.00000199	0.000351	0.000135	0.000862	0.000351
2045 Jul	0.0002	0.000104	0.000868	0.0173	0.00000265	2.03	2.33	0.013	0.000399	16.8	0.0014	0.0044	0.0000487	0.000179	0.000101	0.077	0.00000201	0.000359	0.000137	0.000867	0.000356
2045 Aug	0.0002	0.000104	0.00087	0.0174	0.00000266	2.03	2.33	0.013	0.0004	16.8	0.0014	0.0044	0.0000488	0.000179	0.000101	0.0771	0.00000201	0.00036	0.000138	0.000868	0.000357
2045 Sep	0.0002	0.000104	0.00087	0.0174	0.00000266	2.04	2.34	0.013	0.0004	16.8	0.0014	0.00441	0.0000488	0.000179	0.000101	0.0771	0.00000201	0.00036	0.000138	0.000868	0.000357
2045 Oct	0.0002	0.000104	0.00087	0.0174	0.00000266	2.04	2.34	0.013	0.0004	16.9	0.0014	0.00441	0.0000488	0.000179	0.000101	0.0772	0.00000201	0.00036	0.000138	0.000868	0.000357
2045 Nov	0.0002	0.000104	0.00087	0.0174	0.00000266	2.04	2.34	0.013	0.0004	16.9	0.0014	0.00441	0.0000488	0.000179	0.000101	0.0772	0.00000201	0.00036	0.000138	0.000869	0.000357
2045 Dec	0.0002	0.000104	0.00087	0.0174	0.00000266	2.04	2.34	0.013	0.0004	16.9	0.0014	0.00441	0.0000488	0.000179	0.000101	0.0772	0.00000201	0.00036	0.000138	0.000869	0.000357
2046 Jan	0.0002	0.000104	0.00087	0.0174	0.00000266	2.04	2.34	0.013	0.0004	16.9	0.0014	0.00441	0.0000488	0.000179	0.000101	0.0772	0.00000201	0.00036	0.000138	0.000869	0.000357
2046 Feb	0.0002	0.000104	0.00087	0.0174	0.00000266	2.04	2.34	0.013	0.0004	16.9	0.0014	0.00441	0.0000488	0.000179	0.000101	0.0772	0.00000201	0.00036	0.000138	0.000869	0.000357
2046 Mar	0.0002	0.000104	0.000871	0.0174	0.00000266	2.04	2.34	0.013	0.0004	16.9	0.0014	0.00441	0.0000488	0.000179	0.000101	0.0772	0.00000201	0.00036	0.000138	0.000869	0.000357
2046 Apr	0.0002	0.000104	0.000871	0.0174	0.00000266	2.04	2.34	0.013	0.0004	16.9	0.0014	0.00441	0.0000488	0.000179	0.000101	0.0772	0.00000202	0.00036	0.000138	0.000869	0.000357
2046 May	0.000201	0.000104	0.000871	0.0174	0.00000266	2.04	2.34	0.013	0.000401	16.9	0.0014	0.00441	0.0000489	0.000179	0.000101	0.0772	0.00000202	0.00036	0.000138	0.000869	0.000357
2046 Jun	0.000208	0.000105	0.000874	0.0178	0.00000275	2.1	2.39	0.0135	0.000423	17	0.00143	0.00444	0.0000496	0.000186	0.000104	0.0803	0.00000206	0.000375	0.000141	0.000876	0.000367
2046 Jul	0.000215	0.000107	0.000878	0.0182	0.00000284	2.17	2.45	0.014	0.000448	17.2	0.00145	0.00447	0.0000504	0.000194	0.000107	0.0836	0.0000021	0.000391	0.000144	0.000884	0.000377
2046 Aug	0.000215	0.000107	0.00088	0.0182	0.00000284	2.17	2.46	0.0141	0.000448	17.3	0.00146	0.00447	0.0000505	0.000194	0.000107	0.0838	0.0000021	0.000392	0.000145	0.000885	0.000377
2046 Sep	0.000217	0.000107	0.000881	0.0183	0.00000287	2.19	2.47	0.0142	0.000455	17.3	0.00146	0.00448	0.0000507	0.000196	0.000108	0.0846	0.00000211	0.000396	0.000145	0.000887	0.00038
2046 Oct	0.00022	0.000108	0.000882	0.0184	0.0000029	2.21	2.49	0.0144	0.000465	17.4	0.00147	0.00449	0.000051	0.000199	0.000109	0.0858	0.00000213	0.000402	0.000147	0.000889	0.000384
2046 Nov	0.00022	0.000108	0.000882	0.0185	0.0000029	2.22	2.5	0.0144	0.000467	17.4	0.00147	0.00449	0.000051	0.000199	0.00011	0.086	0.00000214	0.000403	0.000147	0.00089	0.000384
2046 Dec	0.00022	0.000108	0.000882	0.0185	0.0000029	2.22	2.5	0.0144	0.000467	17.4	0.00147	0.00449	0.000051	0.000199	0.00011	0.086	0.00000214	0.000403	0.000147	0.00089	0.000384
2047 Jan	0.00022	0.000108	0.000882	0.0185	0.0000029	2.22	2.5	0.0144	0.000467	17.4	0.00147	0.00449	0.000051	0.000199	0.00011	0.086	0.00000214	0.000403	0.000147	0.00089	0.000384
2047 Feb	0.00022	0.000108	0.000882	0.0185	0.0000029	2.22	2.5	0.0144	0.000467	17.4	0.00147	0.00449	0.000051	0.000199	0.00011	0.086	0.00000214	0.000403	0.000147	0.00089	0.000384
2047 Mar	0.000221	0.000108	0.000882	0.0185	0.0000029	2.22	2.5	0.0144	0.000467	17.4	0.00147	0.00449	0.000051	0.000199	0.00011	0.086	0.00000214	0.000403	0.000147	0.00089	0.000384
2047 Apr	0.000221	0.000108	0.000882	0.0185	0.0000029	2.22	2.5	0.0144	0.000467	17.4	0.00148	0.00449	0.000051	0.000199	0.00011	0.0861	0.00000214	0.000403	0.000147	0.00089	0.000385
2047 May	0.000221	0.000108	0.000883	0.0185	0.00000292	2.23	2.5	0.0145	0.00047	17.4	0.00148	0.0045	0.0000512	0.0002	0.00011	0.0865	0.00000214	0.000405	0.000147	0.000891	0.000386
2047 Jun	0.00023	0.00011	0.000887	0.019	0.00000301	2.3	2.57	0.0151	0.0005	17.6	0.00151	0.00453	0.0000524	0.000208	0.000113	0.0901	0.0000022	0.000422	0.000151	0.000899	0.000397
2047 Jul	0.00023	0.00011	0.000889	0.0191	0.00000302	2.31	2.58	0.0151	0.000501	17.6	0.00151	0.00454	0.0000525	0.000209	0.000114	0.0904	0.00000221	0.000423	0.000152	0.000901	0.000398
2047 Aug	0.000231	0.00011	0.000891	0.0191	0.00000303	2.31	2.58	0.0152	0.000502	17.7	0.00152	0.00455	0.0000526	0.000209	0.000114	0.0905	0.00000221	0.000424	0.000152	0.000903	0.000399
2047 Sep	0.000231	0.00011	0.000891	0.0191	0.00000303	2.31	2.58	0.0152	0.000504	17.7	0.00152	0.00455	0.0000527	0.00021	0.000114	0.0907	0.00000221	0.000425	0.000152	0.000903	0.000399
2047 Oct	0.000234	0.000111	0.000892	0.0193	0.00000306	2.34	2.6	0.0154	0.000513	17.7	0.00152	0.00456	0.0000529	0.000212	0.000115	0.0917	0.00000223	0.00043	0.000153	0.000905	0.000403
2047 Nov	0.000234	0.000111	0.000893	0.0193	0.00000307	2.34	2.61	0.0154	0.000516	17.7	0.00153	0.00457	0.000053	0.000213	0.000115	0.092	0.00000224	0.000431	0.000154	0.000906	0.000404
2047 Dec	0.000234	0.000111	0.000893	0.0193	0.00000307	2.34	2.61	0.0154	0.000516	17.7	0.00153	0.00457	0.000053	0.000213	0.000115	0.092	0.00000224	0.000431	0.000154	0.000906	0.000404
2048 Jan	0.000234	0.000111	0.000893	0.0193	0.00000307	2.34	2.61	0.0154	0.000516	17.7	0.00153	0.00457	0.000053	0.000213	0.000115	0.092	0.00000224	0.000431	0.000154	0.000906	0.000404
2048 Feb	0.000234	0.000111	0.000893	0.0193	0.00000307	2.34	2.61	0.0154	0.000516	17.7	0.00153	0.00457	0.000053	0.000213	0.000115	0.092	0.00000224	0.000431	0.000154	0.000906	0.000404
2048 Mar	0.000234	0.000111	0.000893	0.0193	0.00000307	2.34	2.61	0.0154	0.000516	17.7	0.00153	0.00457	0.000053	0.000213	0.000115	0.092	0.00000224	0.000431	0.000154	0.000906	0.000404
2048 Apr	0.000234	0.000111	0.000893	0.0193	0.00000307	2.34	2.61	0.0154	0.000516	17.8	0.00153	0.00457	0.000053	0.000213	0.000115	0.0921	0.00000224	0.000431	0.000154	0.000906	0.000404
2048 May	0.000235	0.000111	0.000893	0.0193	0.00000307	2.35	2.61	0.0154	0.000516	17.8	0.00153	0.00457	0.000053	0.000213	0.000116	0.0921	0.00000224	0.000432	0.000154	0.000906	0.000404
2048 Jun	0.000243	0.000112	0.000897	0.0197	0.00000317	2.42	2.68	0.016	0.000549	17.9	0.00156	0.0046	0.0000539	0.000221	0.000119	0.0958	0.00000231	0.000449	0.000157	0.000914	0.000417
2048 Jul	0.000251	0.000114	0.000901	0.0201	0.00000326	2.49	2.74	0.0166	0.00058	18.1	0.00159	0.00464	0.0000548	0.000229	0.000123	0.0992	0.00000237	0.000465	0.000161	0.000922	0.000428
2048 Aug	0.000252	0.000114	0.000903	0.0202	0.00000327	2.5	2.75	0.0166	0.000583	18.1	0.00159	0.00465	0.0000549	0.00023	0.000123	0.0995	0.00000238	0.000467	0.000161	0.000923	0.000429
2048 Sep	0.000254	0.000114	0.000904	0.0203	0.0000033	2.52	2.76	0.0168	0.000591	18.2	0.0016	0.00466	0.0000551	0.000232	0.000124	0.1	0.0000024	0.000471	0.000162	0.000925	0.000432
2048 Oct	0.000256	0.000115	0.000905	0.0204	0.00000332	2.54	2.78	0.0169	0.000599	18.2	0.0016	0.00466	0.0000552	0.000233	0.000125	0.101	0.00000241	0.000475	0.000163	0.000927	0.000435
2048 Nov	0.000256	0.000115	0.000905	0.0204	0.00000332	2.54	2.78	0.0169	0.000601	18.2	0.00161	0.00467	0.0000553	0.000234	0.000125	0.101	0.00000242	0.000476	0.000163	0.000928	0.000436
2048 Dec	0.000256	0.000115	0.000905	0.0204	0.00000332	2.54	2.78	0.0169	0.000601	18.2	0.00161	0.00467	0.0000553	0.000234	0.000125	0.101	0.00000242	0.000476	0.000163	0.000928	0.000436
2049 Jan	0.000256	0.000115	0.000905	0.0204	0.00000332	2.54	2.78	0.0169	0.000601	18.2	0.00161	0.00467	0.0000553	0.000234	0.000125	0.101	0.00000242	0.000476	0.000163	0.000928	0.000436
2049 Feb	0.000256	0.000115	0.000905	0.0204	0.00000332	2.54	2.78	0.0169	0.000601	18.2	0.00161	0.00467	0.0000553	0.000234	0.000125	0.101	0.00000242	0.000476	0.000163	0.000928	0.000436
2049 Mar	0.000256	0.000115	0.000905	0.0204	0.00000332	2.54	2.78	0.0169	0.000601	18.2	0.00161	0.00467	0.0000553	0.000234	0.000125	0.101	0.00000242	0.000476	0.000163	0.000928	0.000436
2049 Apr	0.000256	0.000115	0.000905	0.0204	0.00000332	2.54	2.78	0.0169	0.000601	18.2	0.00161	0.00467	0.0000553	0.000234	0.000125	0.101	0.00000242	0.000476	0.000163	0.000928	0.000436
2049 May	0.000256	0.000115	0.000906	0.0204	0.00000332	2.54	2.78	0.0169	0.000601	18.2	0.00161	0.00467	0.0000553	0.000234	0.000125	0.101	0.00000242	0.000476	0.000163	0.000928	0.000436
2049 Jun	0.000265	0.000116	0.000909	0.0208	0.00000343	2.62	2.85	0.0176	0.000638	18.4	0.00164	0.00471	0.0000562	0.000243	0.000129	0.105	0.0000025	0.000494	0.000167	0.000936	0.000449
2049 Jul	0.00027	0.000117	0.000912	0.0211	0.00000349	2.67	2.89	0.0179	0.00066	18.5	0.00166	0.00473	0.0000567	0.000248	0.000131	0.107	0.00000255	0.000505	0.000169	0.000942	0.000457
2049 Aug	0.000271	0.000118	0.000915	0.0212	0.0000035	2.68	2.9	0.018	0.000662	18.5	0.00166	0.00474	0.0000568	0.000248	0.000131	0.108	0.00000256	0.000506	0.00017	0.000944	0.000458
2049 Sep	0.000271	0.000118	0.000914	0.0212	0.0000035	2.68	2.9	0.018	0.000663	18.5	0.00166	0.00475	0.0000568	0.000249	0.000132	0.108	0.00000256	0.000507	0.00017	0.000944	0.000458

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2049 Oct	0.000274	0.000118	0.000915	0.0213	0.00000353	2.7	2.92	0.0182	0.000673	18.6	0.00167	0.00475	0.000057	0.000251	0.000133	0.109	0.00000258	0.000511	0.000171	0.000946	0.000462
2049 Nov	0.000274	0.000118	0.000916	0.0213	0.00000353	2.7	2.92	0.0182	0.000675	18.6	0.00167	0.00476	0.0000571	0.000251	0.000133	0.109	0.00000259	0.000512	0.000171	0.000946	0.000463
2049 Dec	0.000274	0.000118	0.000916	0.0213	0.00000353	2.7	2.92	0.0182	0.000675	18.6	0.00167	0.00476	0.0000571	0.000251	0.000133	0.109	0.00000259	0.000512	0.000171	0.000946	0.000463
2050 Jan	0.000274	0.000118	0.000916	0.0213	0.00000353	2.7	2.92	0.0182	0.000675	18.6	0.00167	0.00476	0.0000571	0.000251	0.000133	0.109	0.00000259	0.000512	0.000171	0.000946	0.000463
2050 Feb	0.000274	0.000118	0.000916	0.0213	0.00000353	2.7	2.92	0.0182	0.000675	18.6	0.00167	0.00476	0.0000571	0.000251	0.000133	0.109	0.00000259	0.000512	0.000171	0.000946	0.000463
2050 Mar	0.000274	0.000118	0.000916	0.0213	0.00000353	2.7	2.92	0.0182	0.000675	18.6	0.00167	0.00476	0.0000571	0.000251	0.000133	0.109	0.00000259	0.000512	0.000171	0.000946	0.000463
2050 Apr	0.000274	0.000118	0.000916	0.0213	0.00000353	2.71	2.92	0.0182	0.000675	18.6	0.00167	0.00476	0.0000571	0.000251	0.000133	0.109	0.00000259	0.000512	0.000171	0.000947	0.000463
2050 May	0.000274	0.000118	0.000916	0.0213	0.00000354	2.71	2.92	0.0182	0.000676	18.6	0.00167	0.00476	0.0000571	0.000251	0.000133	0.109	0.00000259	0.000513	0.000171	0.000947	0.000463
2050 Jun	0.000281	0.000119	0.000919	0.0217	0.00000362	2.77	2.98	0.0187	0.000706	18.7	0.00169	0.00479	0.0000578	0.000258	0.000136	0.112	0.00000266	0.000526	0.000174	0.000954	0.000473
2050 Jul	0.000287	0.00012	0.000922	0.022	0.00000369	2.82	3.03	0.0191	0.000734	18.8	0.00172	0.00482	0.0000583	0.000264	0.000139	0.115	0.00000272	0.000538	0.000177	0.000959	0.000483
2050 Aug	0.000288	0.000121	0.000923	0.022	0.0000037	2.83	3.03	0.0192	0.000736	18.8	0.00172	0.00483	0.0000584	0.000264	0.000139	0.115	0.00000273	0.00054	0.000177	0.000961	0.000484
2050 Sep	0.000289	0.000121	0.000924	0.0221	0.0000037	2.84	3.04	0.0192	0.000739	18.8	0.00172	0.00483	0.0000585	0.000265	0.000139	0.115	0.00000273	0.000541	0.000177	0.000962	0.000485
2050 Oct	0.000289	0.000121	0.000924	0.0221	0.00000371	2.84	3.04	0.0193	0.000741	18.8	0.00172	0.00484	0.0000586	0.000266	0.000139	0.115	0.00000274	0.000542	0.000178	0.000962	0.000485
2050 Nov	0.000289	0.000121	0.000924	0.0221	0.00000371	2.84	3.04	0.0193	0.000741	18.8	0.00172	0.00484	0.0000586	0.000266	0.00014	0.115	0.00000274	0.000542	0.000178	0.000963	0.000485
2050 Dec	0.000289	0.000121	0.000924	0.0221	0.00000371	2.84	3.04	0.0193	0.000741	18.8	0.00172	0.00484	0.0000586	0.000266	0.00014	0.115	0.00000274	0.000542	0.000178	0.000963	0.000486
2051 Jan	0.000289	0.000121	0.000924	0.0221	0.00000371	2.84	3.04	0.0193	0.000741	18.8	0.00172	0.00484	0.0000586	0.000266	0.00014	0.115	0.00000274	0.000542	0.000178	0.000963	0.000486
2051 Feb	0.000289	0.000121	0.000925	0.0221	0.00000371	2.84	3.04	0.0193	0.000741	18.8	0.00172	0.00484	0.0000586	0.000266	0.00014	0.115	0.00000274	0.000542	0.000178	0.000963	0.000486
2051 Mar	0.000289	0.000121	0.000925	0.0221	0.00000371	2.84	3.04	0.0193	0.000741	18.8	0.00172	0.00484	0.0000586	0.000266	0.00014	0.115	0.00000274	0.000542	0.000178	0.000963	0.000486
2051 Apr	0.000289	0.000121	0.000925	0.0221	0.00000371	2.84	3.04	0.0193	0.000742	18.8	0.00172	0.00484	0.0000586	0.000266	0.00014	0.115	0.00000274	0.000542	0.000178	0.000963	0.000486
2051 May	0.00029	0.000121	0.000925	0.0221	0.00000372	2.85	3.05	0.0193	0.000743	18.8	0.00173	0.00484	0.0000587	0.000266	0.00014	0.116	0.00000274	0.000543	0.000178	0.000964	0.000486
2051 Jun	0.000303	0.000123	0.00093	0.0228	0.00000386	2.96	3.15	0.0203	0.000806	19	0.00177	0.0049	0.0000601	0.000278	0.000146	0.121	0.00000289	0.000568	0.000184	0.000975	0.000506
2051 Jul	0.000308	0.000124	0.000933	0.0231	0.00000392	3.01	3.19	0.0207	0.000832	19.1	0.00179	0.00493	0.0000607	0.000283	0.000148	0.123	0.00000296	0.000579	0.000186	0.000981	0.000515
2051 Aug	0.000309	0.000124	0.000934	0.0231	0.00000393	3.02	3.19	0.0207	0.000834	19.1	0.00179	0.00494	0.0000608	0.000284	0.000148	0.123	0.00000296	0.00058	0.000186	0.000982	0.000516
2051 Sep	0.000313	0.000125	0.000936	0.0233	0.00000397	3.05	3.22	0.021	0.000853	19.1	0.0018	0.00496	0.0000611	0.000287	0.00015	0.125	0.00000301	0.000587	0.000188	0.000985	0.000522
2051 Oct	0.000318	0.000126	0.000937	0.0235	0.00000404	3.1	3.27	0.0214	0.000883	19.2	0.00182	0.00498	0.0000615	0.000293	0.000153	0.127	0.00000308	0.000598	0.00019	0.000989	0.000531
2051 Nov	0.000319	0.000126	0.000938	0.0236	0.00000404	3.11	3.27	0.0214	0.000885	19.2	0.00182	0.00499	0.0000615	0.000293	0.000153	0.128	0.00000309	0.000599	0.00019	0.00099	0.000532
2051 Dec	0.000319	0.000126	0.000938	0.0236	0.00000404	3.11	3.27	0.0214	0.000885	19.2	0.00182	0.00499	0.0000615	0.000293	0.000153	0.128	0.00000309	0.000599	0.00019	0.00099	0.000532
2052 Jan	0.000319	0.000126	0.000938	0.0236	0.00000404	3.11	3.27	0.0214	0.000885	19.2	0.00182	0.00499	0.0000615	0.000293	0.000153	0.128	0.00000309	0.000599	0.00019	0.00099	0.000532
2052 Feb	0.000319	0.000126	0.000938	0.0236	0.00000404	3.11	3.27	0.0214	0.000885	19.2	0.00182	0.00499	0.0000615	0.000293	0.000153	0.128	0.00000309	0.000599	0.00019	0.00099	0.000532
2052 Mar	0.000319	0.000126	0.000938	0.0236	0.00000404	3.11	3.27	0.0214	0.000885	19.2	0.00182	0.00499	0.0000616	0.000293	0.000153	0.128	0.00000309	0.000599	0.00019	0.00099	0.000532
2052 Apr	0.000319	0.000126	0.000938	0.0236	0.00000404	3.11	3.27	0.0214	0.000886	19.2	0.00182	0.00499	0.0000616	0.000293	0.000153	0.128	0.00000309	0.000599	0.00019	0.00099	0.000532
2052 May	0.000319	0.000126	0.000938	0.0236	0.00000404	3.11	3.27	0.0214	0.000886	19.2	0.00182	0.00499	0.0000616	0.000293	0.000153	0.128	0.00000309	0.000599	0.00019	0.000991	0.000532
2052 Jun	0.000324	0.000127	0.000941	0.0239	0.0000041	3.16	3.31	0.0218	0.000913	19.2	0.00184	0.00502	0.0000624	0.000298	0.000156	0.13	0.00000316	0.000609	0.000193	0.000995	0.00054
2052 Jul	0.000326	0.000128	0.000942	0.024	0.00000412	3.17	3.33	0.022	0.000921	19.3	0.00185	0.00503	0.0000626	0.0003	0.000156	0.131	0.00000318	0.000612	0.000194	0.000998	0.000543
2052 Aug	0.000327	0.000128	0.000943	0.0241	0.00000414	3.19	3.34	0.0221	0.000927	19.3	0.00185	0.00504	0.0000627	0.000301	0.000157	0.131	0.00000319	0.000615	0.000194	0.001	0.000545
2052 Sep	0.00033	0.000128	0.000945	0.0242	0.00000416	3.21	3.36	0.0222	0.000939	19.3	0.00186	0.00505	0.0000629	0.000303	0.000158	0.132	0.00000322	0.000619	0.000195	0.001	0.000549
2052 Oct	0.000331	0.000128	0.000945	0.0242	0.00000418	3.22	3.37	0.0223	0.000946	19.3	0.00186	0.00506	0.0000631	0.000304	0.000159	0.133	0.00000324	0.000622	0.000196	0.001	0.000551
2052 Nov	0.000331	0.000128	0.000945	0.0242	0.00000418	3.22	3.37	0.0223	0.000946	19.3	0.00186	0.00506	0.0000631	0.000304	0.000159	0.133	0.00000324	0.000622	0.000196	0.001	0.000551
2052 Dec	0.000331	0.000128	0.000945	0.0242	0.00000418	3.22	3.37	0.0223	0.000946	19.3	0.00186	0.00506	0.0000631	0.000304	0.000159	0.133	0.00000324	0.000622	0.000196	0.001	0.000551
2053 Jan	0.000331	0.000128	0.000945	0.0242	0.00000418	3.22	3.37	0.0223	0.000946	19.3	0.00186	0.00506	0.0000631	0.000304	0.000159	0.133	0.00000324	0.000622	0.000196	0.001	0.000551
2053 Feb	0.000331	0.000128	0.000945	0.0242	0.00000418	3.22	3.37	0.0223	0.000946	19.3	0.00186	0.00506	0.0000631	0.000304	0.000159	0.133	0.00000324	0.000622	0.000196	0.001	0.000551
2053 Mar	0.000331	0.000129	0.000946	0.0242	0.00000418	3.22	3.37	0.0223	0.000946	19.3	0.00186	0.00506	0.0000631	0.000304	0.000159	0.133	0.00000324	0.000622	0.000196	0.001	0.000551
2053 Apr	0.000331	0.000129	0.000946	0.0243	0.00000418	3.22	3.37	0.0223	0.000946	19.3	0.00186	0.00506	0.0000631	0.000304	0.000159	0.133	0.00000324	0.000622	0.000196	0.001	0.000551
2053 May	0.000333	0.000129	0.000947	0.0244	0.0000042	3.24	3.38	0.0225	0.000956	19.4	0.00187	0.00508	0.0000635	0.000306	0.00016	0.133	0.00000327	0.000626	0.000197	0.00101	0.000555
2053 Jun	0.000343	0.000131	0.000951	0.0249	0.00000431	3.33	3.46	0.0233	0.00101	19.4	0.0019	0.00513	0.0000649	0.000315	0.000164	0.137	0.0000034	0.000644	0.000201	0.00101	0.000571
2053 Jul	0.000345	0.000132	0.000953	0.0251	0.00000434	3.35	3.48	0.0235	0.00102	19.5	0.00191	0.00514	0.0000653	0.000317	0.000165	0.139	0.00000343	0.000649	0.000202	0.00102	0.000575
2053 Aug	0.000346	0.000132	0.000955	0.0251	0.00000435	3.36	3.49	0.0235	0.00102	19.5	0.00191	0.00515	0.0000654	0.000318	0.000166	0.139	0.00000344	0.00065	0.000203	0.00102	0.000576
2053 Sep	0.000347	0.000132	0.000956	0.0252	0.00000435	3.36	3.49	0.0236	0.00102	19.5	0.00192	0.00516	0.0000655	0.000318	0.000166	0.139	0.00000344	0.000651	0.000203	0.00102	0.000577
2053 Oct	0.000347	0.000132	0.000956	0.0252	0.00000435	3.36	3.49	0.0236	0.00102	19.5	0.00192	0.00516	0.0000655	0.000318	0.000166	0.139	0.00000344	0.000651	0.000203	0.00102	0.000577
2053 Nov	0.000347	0.000132	0.000956	0.0252	0.00000435	3.36	3.49	0.0236	0.00102	19.5	0.00192	0.00516	0.0000655	0.000318	0.000166	0.139	0.00000344	0.000651	0.000203	0.00102	0.000577
2053 Dec	0.000347	0.000132	0.000956	0.0252	0.00000435	3.36	3.49	0.0236	0.00102	19.5	0.00192	0.00516	0.0000655	0.000318	0.000166	0.139	0.00000344	0.000651	0.000203	0.00102	0.000577
2054 Jan	0.000347	0.000132	0.000956	0.0252	0.00000435	3.36	3.49	0.0236	0.00102	19.5	0.00192	0.00516	0.0000655	0.000318	0.000166	0.139	0.00000344	0.000651	0.000203	0.00102	0.000577
2054 Feb	0.000347	0.000132	0.000956	0.0252	0.00000435	3.36	3.49	0.0236	0.00102	19.5	0.00192	0.00516	0.0000655	0.000318	0.000166	0.139	0.00000344	0.000651	0.000203	0.00102	0.000577
2054 Mar	0.000347	0.000132	0.000956	0.0252	0.00000435	3.36	3.49	0.0236	0.00102	19.5	0.00192	0.00516	0.0000655	0.000318	0.000166	0.139	0.00000344	0.000651	0.000203	0.00102	0.000577
2054 Apr	0.000347	0.000132	0.000957	0.0252	0.00000435	3.36	3.49	0.0236	0.00102	19.5	0.00192	0.00516	0.0000655	0.000319	0.000166	0.139	0.00000344	0.000651	0.000203	0.00102	0.000577
2054 May	0.000347	0.000132	0.000957	0.0252	0.00000436	3.36	3.5	0.0236	0.00102	19.6	0.00192	0.00517	0.0000656	0.000319	0.000166	0.139	0.00000344	0.000651	0.000203	0.00102	0.000577
2054 Jun	0.000355	0.000134	0.00096	0.0257	0.00000444	3.43	3.56	0.0242	0.00107	19.6	0.00194	0.00521	0.0000669	0.000326	0.00017	0.142	0.00000355	0.000666	0.000207	0.00103	0.000591
2054 Jul	0.00036	0.000135	0.000962	0.0259	0.00000449	3.48	3.59	0.0246	0.00109	19.6	0.00196	0.00523	0.0000675	0.00033	0.000172	0.144	0.00000362	0.000674	0.000209	0.00103	0.000599
2054 Aug	0.000361	0.000135	0.000963	0.026	0.00000451	3.49	3.61	0.0247	0.0011	19.6	0.00196	0.00524	0.0000677	0.000331	0.000173	0.145	0.00000364	0.000677	0.00021	0.00103	0.000601
2054 Sep	0.000363	0.000135	0.000965	0.0261	0.00000453	3.51	3.62	0.0249	0.00111	19.7	0.00197	0.00525	0.000068	0.000333	0.000174	0.146	0.00000366	0.000681	0.000211	0.00103	0.000605
2054 Oct	0.000365	0.000136	0.000966	0.0262	0.00000455	3.53	3.64	0.025	0.00112	19.7	0.00198	0.00527	0.0000683	0.000335	0.000175	0.146	0.0000037	0.000685	0.000211	0.00104	0.000609
2054 Nov	0.000366	0.000136	0.000966	0.0263	0.00000456	3.54	3.65	0.0251	0.00113	19.7	0.00198	0.00527	0.0000684	0.000336	0.000175	0.147	0.00000371	0.000686	0.000212	0.00104	0.00061
2054 Dec	0.000366	0.000136	0.000966	0.0263	0.00000456	3.54	3.65	0.0251	0.00113	19.7	0.00198	0.00527	0.0000684	0.000336	0.000175	0.147	0.00000371	0.000686	0.000212	0.00104	0.00061
2055 Jan	0.000366	0.000136	0.000966	0.0263	0.00000456	3.54	3.65	0.0251	0.00113	19.7	0.00198	0.00527	0.0000684	0.000336	0.000175	0.147	0.00000371	0.000686	0.000212	0.00104	0.00061
2055 Feb	0.000366	0.000136	0.000966	0.0263	0.00000456	3.54	3.65	0.0251	0.00113	19.7	0.00198	0.00527	0.0000684	0.000336	0.000175	0.147	0.00000371	0.000686	0.000212	0.00104	0.00061

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2055 Mar	0.000366	0.000136	0.000966	0.0263	0.00000456	3.54	3.65	0.0251	0.00113	19.7	0.00198	0.00527	0.0000684	0.000336	0.000175	0.147	0.00000371	0.000686	0.000212	0.00104	0.00061
2055 Apr	0.000366	0.000136	0.000966	0.0263	0.00000456	3.54	3.65	0.0251	0.00113	19.7	0.00198	0.00527	0.0000684	0.000336	0.000175	0.147	0.00000371	0.000686	0.000212	0.00104	0.00061
2055 May	0.000366	0.000136	0.000967	0.0263	0.00000456	3.54	3.65	0.0251	0.00113	19.7	0.00198	0.00527	0.0000684	0.000336	0.000175	0.147	0.00000371	0.000687	0.000212	0.00104	0.00061
2055 Jun	0.000376	0.000138	0.00097	0.0268	0.00000466	3.62	3.72	0.0258	0.00118	19.7	0.00201	0.00532	0.0000696	0.000344	0.00018	0.151	0.00000385	0.000704	0.000216	0.00105	0.000627
2055 Jul	0.000382	0.000139	0.000973	0.0271	0.00000472	3.68	3.77	0.0263	0.00121	19.7	0.00203	0.00536	0.0000703	0.00035	0.000183	0.153	0.00000393	0.000715	0.000219	0.00105	0.000638
2055 Aug	0.000382	0.000139	0.000974	0.0271	0.00000473	3.68	3.77	0.0264	0.00122	19.8	0.00203	0.00537	0.0000704	0.00035	0.000183	0.153	0.00000394	0.000716	0.000219	0.00105	0.000639
2055 Sep	0.000382	0.000139	0.000975	0.0271	0.00000473	3.68	3.77	0.0264	0.00122	19.8	0.00203	0.00537	0.0000704	0.00035	0.000183	0.153	0.00000394	0.000716	0.000219	0.00105	0.000639
2055 Oct	0.000382	0.000139	0.000975	0.0271	0.00000473	3.69	3.78	0.0264	0.00122	19.8	0.00203	0.00537	0.0000705	0.00035	0.000183	0.153	0.00000394	0.000716	0.000219	0.00105	0.000639
2055 Nov	0.000383	0.000139	0.000975	0.0271	0.00000473	3.69	3.78	0.0264	0.00122	19.8	0.00203	0.00537	0.0000705	0.00035	0.000183	0.153	0.00000394	0.000716	0.000219	0.00105	0.000639
2055 Dec	0.000383	0.000139	0.000975	0.0271	0.00000473	3.69	3.78	0.0264	0.00122	19.8	0.00203	0.00537	0.0000705	0.00035	0.000183	0.153	0.00000394	0.000716	0.000219	0.00105	0.000639
2056 Jan	0.000383	0.000139	0.000975	0.0271	0.00000473	3.69	3.78	0.0264	0.00122	19.8	0.00203	0.00537	0.0000705	0.00035	0.000183	0.153	0.00000394	0.000716	0.000219	0.00105	0.000639
2056 Feb	0.000383	0.000139	0.000975	0.0271	0.00000473	3.69	3.78	0.0264	0.00122	19.8	0.00203	0.00537	0.0000705	0.00035	0.000183	0.153	0.00000394	0.000716	0.000219	0.00105	0.000639
2056 Mar	0.000383	0.000139	0.000975	0.0271	0.00000473	3.69	3.78	0.0264	0.00122	19.8	0.00203	0.00537	0.0000705	0.00035	0.000183	0.153	0.00000394	0.000716	0.000219	0.00105	0.000639
2056 Apr	0.000383	0.000139	0.000975	0.0271	0.00000473	3.69	3.78	0.0264	0.00122	19.8	0.00203	0.00537	0.0000705	0.00035	0.000183	0.153	0.00000394	0.000716	0.000219	0.00105	0.000639
2056 May	0.000384	0.00014	0.000976	0.0272	0.00000475	3.7	3.79	0.0265	0.00122	19.8	0.00204	0.00538	0.0000707	0.000352	0.000184	0.154	0.00000396	0.000719	0.00022	0.00106	0.000641
2056 Jun	0.000393	0.000142	0.000979	0.0278	0.00000485	3.78	3.86	0.0272	0.00128	19.8	0.00206	0.00543	0.0000723	0.00036	0.000188	0.158	0.00000411	0.000735	0.000224	0.00106	0.000658
2056 Jul	0.000395	0.000142	0.000981	0.0279	0.00000486	3.8	3.87	0.0274	0.00128	19.8	0.00207	0.00545	0.0000726	0.000361	0.000189	0.158	0.00000413	0.000738	0.000225	0.00107	0.000661
2056 Aug	0.000395	0.000142	0.000983	0.0279	0.00000487	3.8	3.88	0.0274	0.00129	19.9	0.00207	0.00545	0.0000726	0.000361	0.000189	0.159	0.00000413	0.000739	0.000225	0.00107	0.000661
2056 Sep	0.000396	0.000142	0.000983	0.0279	0.00000488	3.8	3.88	0.0274	0.00129	19.9	0.00207	0.00546	0.0000727	0.000362	0.000189	0.159	0.00000414	0.00074	0.000225	0.00107	0.000662
2056 Oct	0.000398	0.000143	0.000984	0.028	0.00000489	3.82	3.9	0.0276	0.0013	19.9	0.00208	0.00547	0.0000729	0.000363	0.00019	0.159	0.00000417	0.000743	0.000226	0.00107	0.000665
2056 Nov	0.000398	0.000143	0.000984	0.0281	0.0000049	3.83	3.9	0.0276	0.0013	19.9	0.00208	0.00547	0.000073	0.000364	0.000191	0.16	0.00000418	0.000744	0.000226	0.00107	0.000666
2056 Dec	0.000398	0.000143	0.000984	0.0281	0.0000049	3.83	3.9	0.0276	0.0013	19.9	0.00208	0.00547	0.000073	0.000364	0.000191	0.16	0.00000418	0.000744	0.000226	0.00107	0.000666
2057 Jan	0.000398	0.000143	0.000984	0.0281	0.0000049	3.83	3.9	0.0276	0.0013	19.9	0.00208	0.00547	0.000073	0.000364	0.000191	0.16	0.00000418	0.000744	0.000226	0.00107	0.000666
2057 Feb	0.000398	0.000143	0.000984	0.0281	0.0000049	3.83	3.9	0.0276	0.0013	19.9	0.00208	0.00547	0.000073	0.000364	0.000191	0.16	0.00000418	0.000744	0.000226	0.00107	0.000666
2057 Mar	0.000398	0.000143	0.000984	0.0281	0.0000049	3.83	3.9	0.0276	0.0013	19.9	0.00208	0.00547	0.000073	0.000364	0.000191	0.16	0.00000418	0.000744	0.000226	0.00107	0.000667
2057 Apr	0.000398	0.000143	0.000985	0.0281	0.0000049	3.83	3.9	0.0276	0.0013	19.9	0.00208	0.00547	0.000073	0.000364	0.000191	0.16	0.00000418	0.000744	0.000226	0.00107	0.000667
2057 May	0.000399	0.000143	0.000985	0.0281	0.00000491	3.83	3.9	0.0277	0.0013	19.9	0.00208	0.00548	0.0000731	0.000364	0.000191	0.16	0.00000418	0.000744	0.000227	0.00107	0.000667
2057 Jun	0.000408	0.000145	0.000988	0.0286	0.000005	3.91	3.98	0.0284	0.00136	19.9	0.00211	0.00553	0.0000747	0.000372	0.000195	0.163	0.00000433	0.00076	0.000231	0.00108	0.000684
2057 Jul	0.00041	0.000145	0.000991	0.0288	0.00000503	3.94	4	0.0286	0.00137	19.9	0.00212	0.00555	0.0000751	0.000375	0.000197	0.165	0.00000437	0.000765	0.000232	0.00108	0.000689
2057 Aug	0.000412	0.000146	0.000993	0.0289	0.00000505	3.95	4.01	0.0287	0.00138	20	0.00213	0.00557	0.0000753	0.000376	0.000197	0.165	0.00000439	0.000767	0.000233	0.00108	0.000691
2057 Sep	0.000412	0.000146	0.000994	0.0289	0.00000505	3.95	4.01	0.0287	0.00138	20	0.00213	0.00557	0.0000753	0.000376	0.000197	0.165	0.00000439	0.000768	0.000233	0.00109	0.000691
2057 Oct	0.000412	0.000146	0.000994	0.0289	0.00000505	3.95	4.01	0.0287	0.00138	20	0.00213	0.00557	0.0000753	0.000376	0.000197	0.165	0.00000439	0.000768	0.000233	0.00109	0.000691
2057 Nov	0.000412	0.000146	0.000994	0.0289	0.00000505	3.95	4.01	0.0287	0.00138	20	0.00213	0.00557	0.0000753	0.000376	0.000197	0.165	0.00000439	0.000768	0.000233	0.00109	0.000691
2057 Dec	0.000412	0.000146	0.000994	0.0289	0.00000505	3.95	4.01	0.0288	0.00138	20	0.00213	0.00557	0.0000753	0.000376	0.000197	0.165	0.00000439	0.000768	0.000233	0.00109	0.000691
2058 Jan	0.000412	0.000146	0.000994	0.0289	0.00000505	3.95	4.01	0.0288	0.00138	20	0.00213	0.00557	0.0000753	0.000376	0.000197	0.165	0.00000439	0.000768	0.000233	0.00109	0.000691
2058 Feb	0.000412	0.000146	0.000994	0.0289	0.00000505	3.95	4.01	0.0288	0.00138	20	0.00213	0.00557	0.0000753	0.000376	0.000197	0.165	0.00000439	0.000768	0.000233	0.00109	0.000691
2058 Mar	0.000412	0.000146	0.000994	0.0289	0.00000505	3.95	4.01	0.0288	0.00138	20	0.00213	0.00557	0.0000753	0.000376	0.000197	0.165	0.00000439	0.000768	0.000233	0.00109	0.000691
2058 Apr	0.000412	0.000146	0.000994	0.0289	0.00000505	3.95	4.01	0.0288	0.00138	20	0.00213	0.00557	0.0000753	0.000376	0.000197	0.165	0.00000439	0.000768	0.000233	0.00109	0.000691
2058 May	0.000414	0.000147	0.000996	0.029	0.00000507	3.97	4.03	0.0289	0.00139	20	0.00213	0.00559	0.0000757	0.000378	0.000198	0.166	0.00000442	0.000771	0.000234	0.00109	0.000695
2058 Jun	0.000428	0.00015	0.001	0.0299	0.00000521	4.09	4.14	0.0301	0.00147	20	0.00217	0.00566	0.0000785	0.00039	0.000205	0.171	0.00000465	0.000795	0.000241	0.0011	0.000722
2058 Jul	0.000431	0.00015	0.001	0.0301	0.00000525	4.12	4.16	0.0304	0.00149	20	0.00219	0.00569	0.0000791	0.000393	0.000207	0.173	0.00000469	0.000801	0.000243	0.0011	0.000728
2058 Aug	0.000432	0.000151	0.001	0.0302	0.00000526	4.13	4.17	0.0304	0.00149	20.1	0.00219	0.0057	0.0000792	0.000393	0.000207	0.173	0.0000047	0.000802	0.000243	0.0011	0.000729
2058 Sep	0.000432	0.000151	0.00101	0.0302	0.00000526	4.13	4.17	0.0305	0.0015	20.1	0.00219	0.0057	0.0000793	0.000394	0.000207	0.173	0.00000471	0.000803	0.000243	0.0011	0.00073
2058 Oct	0.000434	0.000151	0.00101	0.0303	0.00000528	4.15	4.18	0.0306	0.00151	20.1	0.00219	0.00571	0.0000795	0.000395	0.000208	0.174	0.00000473	0.000805	0.000244	0.00111	0.000732
2058 Nov	0.000434	0.000151	0.00101	0.0303	0.00000528	4.15	4.18	0.0306	0.00151	20.1	0.0022	0.00571	0.0000795	0.000395	0.000208	0.174	0.00000473	0.000806	0.000244	0.00111	0.000733
2058 Dec	0.000434	0.000151	0.00101	0.0303	0.00000528	4.15	4.18	0.0306	0.00151	20.1	0.0022	0.00571	0.0000795	0.000395	0.000208	0.174	0.00000473	0.000806	0.000244	0.00111	0.000733
2059 Jan	0.000434	0.000151	0.00101	0.0303	0.00000528	4.15	4.18	0.0306	0.00151	20.1	0.0022	0.00571	0.0000795	0.000395	0.000208	0.174	0.00000473	0.000806	0.000244	0.00111	0.000733
2059 Feb	0.000434	0.000151	0.00101	0.0303	0.00000528	4.15	4.18	0.0306	0.00151	20.1	0.0022	0.00571	0.0000795	0.000395	0.000208	0.174	0.00000473	0.000806	0.000244	0.00111	0.000733
2059 Mar	0.000434	0.000151	0.00101	0.0303	0.00000528	4.15	4.18	0.0306	0.00151	20.1	0.0022	0.00571	0.0000795	0.000395	0.000208	0.174	0.00000473	0.000806	0.000244	0.00111	0.000733
2059 Apr	0.000434	0.000151	0.00101	0.0303	0.00000528	4.15	4.19	0.0306	0.00151	20.1	0.0022	0.00571	0.0000795	0.000395	0.000208	0.174	0.00000473	0.000806	0.000244	0.00111	0.000733
2059 May	0.000435	0.000151	0.00101	0.0304	0.00000529	4.16	4.19	0.0307	0.00151	20.1	0.0022	0.00572	0.0000798	0.000396	0.000208	0.174	0.00000475	0.000807	0.000245	0.00111	0.000735
2059 Jun	0.000441	0.000153	0.00101	0.0308	0.00000535	4.21	4.24	0.0312	0.00155	20.1	0.00222	0.00576	0.0000811	0.000401	0.000212	0.177	0.00000485	0.000818	0.000248	0.00111	0.000747
2059 Jul	0.000443	0.000153	0.00101	0.0309	0.00000537	4.23	4.26	0.0313	0.00155	20.1	0.00223	0.00578	0.0000814	0.000402	0.000212	0.177	0.00000487	0.000821	0.000249	0.00112	0.000749
2059 Aug	0.000444	0.000154	0.00102	0.031	0.00000538	4.24	4.27	0.0314	0.00156	20.2	0.00223	0.00579	0.0000816	0.000403	0.000213	0.178	0.00000488	0.000822	0.000249	0.00112	0.000751
2059 Sep	0.000444	0.000154	0.00102	0.031	0.00000539	4.24	4.27	0.0314	0.00156	20.2	0.00223	0.00579	0.0000816	0.000403	0.000213	0.178	0.00000488	0.000823	0.000249	0.00112	0.000751
2059 Oct	0.000444	0.000154	0.00101	0.031	0.00000538	4.24	4.27	0.0314	0.00156	20.1	0.00223	0.00579	0.0000816	0.000403	0.000213	0.178	0.00000488	0.000822	0.000249	0.00112	0.000751
2059 Nov	0.000444	0.000154	0.00101	0.031	0.00000539	4.24	4.27	0.0315	0.00156	20.1	0.00223	0.00579	0.0000816	0.000404	0.000213	0.178	0.00000489	0.000823	0.000249	0.00112	0.000752
2059 Dec	0.000444	0.000154	0.00101	0.031	0.00000539	4.24	4.27	0.0315	0.00156	20.1	0.00223	0.00579	0.0000816	0.000404	0.000213	0.178	0.00000489	0.000823	0.000249	0.00112	0.000752
2060 Jan	0.000444	0.000154	0.00101	0.031	0.00000539	4.24	4.27	0.0315	0.00156	20.1	0.00223	0.00579	0.0000816	0.000404	0.000213	0.178	0.00000489	0.000823	0.000249	0.00112	0.000752
2060 Feb	0.000444	0.000154	0.00101	0.031	0.00000539	4.24	4.27	0.0315	0.00156	20.1	0.00223	0.00579	0.0000816	0.000404	0.000213	0.178	0.00000489	0.000823	0.000249	0.00112	0.000752
2060 Mar	0.000444	0.000154	0.00101	0.031	0.00000539	4.24	4.27	0.0315	0.00156	20.1	0.00223	0.00579	0.0000816	0.000404	0.000213	0.178	0.00000489	0.000823	0.000249	0.00112	0.000752
2060 Apr	0.000444	0.000154	0.00101	0.031	0.00000539	4.24	4.27	0.0315	0.00156	20.2	0.00223	0.00579	0.0000816	0.000404	0.000213	0.178	0.00000489	0.000823	0.000249	0.00112	0.000752
2060 May	0.000447	0.000155	0.00102	0.0312	0.00000542	4.26	4.29	0.0317	0.00158	20.2	0.00224	0.00581	0.0000823	0.000406	0.000214	0.179	0.00000493	0.000828	0.000251	0.00112	0.000757
2060 Jun	0.000457	0.000157	0.00102	0.0319	0.00000551	4.35	4.37	0.0326	0.00164	20.1	0.00227	0.00587	0.0000845	0.000414	0.000219	0.183	0.0000051	0.000844	0.000256	0.00113	0.000777
2060 Jul	0.000459	0.000158	0.00102	0.032	0.00000554	4.37	4.39	0.0328	0.00165	20.2	0.00228	0.00589	0.0000849	0.000416	0.00022	0.184	0.00000512	0.000848	0.000257	0.00113	0.000781

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2060 Aug	0.00046	0.000158	0.00103	0.0321	0.00000555	4.38	4.39	0.0328	0.00165	20.2	0.00228	0.0059	0.0000851	0.000417	0.000221	0.184	0.00000514	0.000849	0.000258	0.00113	0.000782
2060 Sep	0.000463	0.000159	0.00103	0.0323	0.00000558	4.41	4.42	0.0331	0.00167	20.2	0.00229	0.00592	0.0000857	0.00042	0.000222	0.185	0.0000052	0.000855	0.000259	0.00114	0.00079
2060 Oct	0.000465	0.000159	0.00103	0.0324	0.00000561	4.43	4.44	0.0333	0.00169	20.2	0.0023	0.00594	0.0000861	0.000421	0.000223	0.186	0.00000524	0.000859	0.00026	0.00114	0.000794
2060 Nov	0.000466	0.000159	0.00103	0.0325	0.00000561	4.44	4.45	0.0334	0.00169	20.2	0.0023	0.00594	0.0000863	0.000422	0.000224	0.187	0.00000525	0.00086	0.000261	0.00114	0.000796
2060 Dec	0.000466	0.000159	0.00103	0.0325	0.00000561	4.44	4.45	0.0334	0.00169	20.2	0.0023	0.00594	0.0000863	0.000422	0.000224	0.187	0.00000525	0.00086	0.000261	0.00114	0.000796
2061 Jan	0.000466	0.000159	0.00103	0.0325	0.00000561	4.44	4.45	0.0334	0.00169	20.2	0.0023	0.00594	0.0000863	0.000422	0.000224	0.187	0.00000525	0.00086	0.000261	0.00114	0.000796
2061 Feb	0.000466	0.000159	0.00103	0.0325	0.00000561	4.44	4.45	0.0334	0.00169	20.2	0.0023	0.00594	0.0000863	0.000422	0.000224	0.187	0.00000525	0.00086	0.000261	0.00114	0.000796
2061 Mar	0.000466	0.000159	0.00103	0.0325	0.00000561	4.44	4.45	0.0334	0.00169	20.2	0.0023	0.00594	0.0000863	0.000422	0.000224	0.187	0.00000525	0.00086	0.000261	0.00114	0.000796
2061 Apr	0.000466	0.000159	0.00103	0.0325	0.00000561	4.44	4.45	0.0334	0.00169	20.2	0.0023	0.00594	0.0000863	0.000422	0.000224	0.187	0.00000525	0.00086	0.000261	0.00114	0.000796
2061 May	0.000469	0.00016	0.00103	0.0327	0.00000565	4.47	4.47	0.0337	0.00171	20.2	0.00231	0.00596	0.0000871	0.000425	0.000225	0.188	0.0000053	0.000865	0.000262	0.00114	0.000802
2061 Jun	0.000481	0.000163	0.00103	0.0335	0.00000576	4.57	4.56	0.0347	0.00178	20.1	0.00234	0.00603	0.0000898	0.000434	0.000231	0.192	0.00000549	0.000884	0.000268	0.00115	0.000826
2061 Jul	0.000483	0.000164	0.00104	0.0337	0.00000578	4.58	4.58	0.0349	0.00179	20.2	0.00235	0.00605	0.0000902	0.000436	0.000232	0.193	0.00000552	0.000887	0.000269	0.00115	0.00083
2061 Aug	0.000484	0.000164	0.00104	0.0337	0.00000579	4.59	4.59	0.0349	0.00179	20.2	0.00235	0.00606	0.0000904	0.000437	0.000232	0.193	0.00000553	0.000889	0.00027	0.00116	0.000831
2061 Sep	0.000484	0.000164	0.00104	0.0338	0.0000058	4.6	4.59	0.035	0.0018	20.2	0.00235	0.00607	0.0000904	0.000437	0.000233	0.193	0.00000554	0.00089	0.00027	0.00116	0.000832
2061 Oct	0.000485	0.000164	0.00104	0.0339	0.00000581	4.61	4.6	0.0351	0.00181	20.2	0.00236	0.00607	0.0000907	0.000438	0.000233	0.194	0.00000556	0.000892	0.000271	0.00116	0.000835
2061 Nov	0.000487	0.000165	0.00104	0.0339	0.00000582	4.62	4.61	0.0352	0.00181	20.2	0.00236	0.00608	0.000091	0.000439	0.000234	0.194	0.00000559	0.000894	0.000271	0.00116	0.000838
2061 Dec	0.000487	0.000165	0.00104	0.0339	0.00000582	4.62	4.61	0.0352	0.00181	20.2	0.00236	0.00608	0.000091	0.000439	0.000234	0.195	0.00000559	0.000894	0.000271	0.00116	0.000838
2062 Jan	0.000487	0.000165	0.00104	0.0339	0.00000582	4.62	4.61	0.0352	0.00181	20.2	0.00236	0.00608	0.000091	0.000439	0.000234	0.195	0.00000559	0.000894	0.000271	0.00116	0.000838
2062 Feb	0.000487	0.000165	0.00104	0.0339	0.00000582	4.62	4.61	0.0352	0.00181	20.2	0.00236	0.00608	0.000091	0.000439	0.000234	0.195	0.00000559	0.000894	0.000271	0.00116	0.000838
2062 Mar	0.000487	0.000165	0.00104	0.0339	0.00000582	4.62	4.61	0.0352	0.00181	20.2	0.00236	0.00608	0.000091	0.000439	0.000234	0.195	0.00000559	0.000894	0.000271	0.00116	0.000838
2062 Apr	0.000487	0.000165	0.00104	0.0339	0.00000582	4.62	4.61	0.0352	0.00181	20.2	0.00236	0.00608	0.000091	0.000439	0.000234	0.195	0.00000559	0.000894	0.000271	0.00116	0.000838
2062 May	0.000487	0.000165	0.00104	0.034	0.00000583	4.62	4.61	0.0352	0.00181	20.2	0.00236	0.00609	0.000091	0.000439	0.000234	0.195	0.00000559	0.000895	0.000272	0.00116	0.000838
2062 Jun	0.000494	0.000166	0.00104	0.0344	0.00000589	4.68	4.66	0.0358	0.00186	20.2	0.00238	0.00613	0.0000924	0.000445	0.000237	0.197	0.00000571	0.000906	0.000275	0.00116	0.000853
2062 Jul	0.000499	0.000168	0.00105	0.0348	0.00000595	4.73	4.71	0.0363	0.00189	20.1	0.0024	0.00617	0.0000935	0.00045	0.00024	0.199	0.0000058	0.000915	0.000278	0.00117	0.000866
2062 Aug	0.000501	0.000168	0.00105	0.0349	0.00000597	4.75	4.72	0.0364	0.0019	20.2	0.0024	0.00618	0.0000938	0.000451	0.000241	0.2	0.00000583	0.000918	0.000278	0.00117	0.000869
2062 Sep	0.000504	0.000169	0.00105	0.0351	0.00000601	4.78	4.75	0.0367	0.00192	20.1	0.00241	0.0062	0.0000944	0.000454	0.000243	0.201	0.00000589	0.000923	0.00028	0.00117	0.000877
2062 Oct	0.000509	0.00017	0.00105	0.0354	0.00000606	4.78	4.78	0.0372	0.00196	20.1	0.00243	0.00623	0.0000953	0.000458	0.000245	0.203	0.00000598	0.000932	0.000282	0.00118	0.000889
2062 Nov	0.00051	0.00017	0.00105	0.0354	0.00000606	4.83	4.79	0.0372	0.00196	20.1	0.00243	0.00623	0.0000953	0.000458	0.000245	0.204	0.00000599	0.000932	0.000283	0.00118	0.000889
2062 Dec	0.00051	0.00017	0.00105	0.0354	0.00000606	4.83	4.79	0.0372	0.00196	20.1	0.00243	0.00623	0.0000953	0.000458	0.000245	0.204	0.00000599	0.000932	0.000283	0.00118	0.000889
2063 Jan	0.00051	0.00017	0.00105	0.0354	0.00000606	4.83	4.79	0.0372	0.00196	20.1	0.00243	0.00623	0.0000953	0.000458	0.000245	0.204	0.00000599	0.000932	0.000283	0.00118	0.000889
2063 Feb	0.00051	0.00017	0.00105	0.0354	0.00000606	4.83	4.79	0.0372	0.00196	20.1	0.00243	0.00623	0.0000953	0.000458	0.000245	0.204	0.00000599	0.000932	0.000283	0.00118	0.000889
2063 Mar	0.00051	0.00017	0.00105	0.0354	0.00000606	4.83	4.79	0.0372	0.00196	20.1	0.00243	0.00623	0.0000953	0.000458	0.000245	0.204	0.00000599	0.000932	0.000283	0.00118	0.000889
2063 Apr	0.00051	0.00017	0.00105	0.0354	0.00000606	4.83	4.79	0.0372	0.00196	20.1	0.00243	0.00623	0.0000953	0.000458	0.000245	0.204	0.00000599	0.000932	0.000283	0.00118	0.00089
2063 May	0.000511	0.00017	0.00105	0.0355	0.00000607	4.83	4.8	0.0373	0.00197	20.1	0.00243	0.00624	0.0000956	0.000459	0.000246	0.204	0.00000601	0.000934	0.000283	0.00118	0.000892
2063 Jun	0.000522	0.000173	0.00105	0.0364	0.00000619	4.93	4.88	0.0384	0.00204	19.9	0.00246	0.00631	0.0000984	0.000468	0.000252	0.208	0.00000622	0.000952	0.000289	0.00119	0.000919
2063 Jul	0.000525	0.000174	0.00105	0.0366	0.00000622	4.96	4.9	0.0386	0.00206	19.9	0.00247	0.00633	0.0000991	0.000471	0.000253	0.21	0.00000627	0.000956	0.000291	0.00119	0.000926
2063 Aug	0.000527	0.000174	0.00106	0.0367	0.00000624	4.97	4.92	0.0387	0.00207	19.9	0.00247	0.00634	0.0000994	0.000472	0.000254	0.21	0.00000629	0.000959	0.000292	0.00119	0.000928
2063 Sep	0.000528	0.000175	0.00106	0.0368	0.00000625	4.98	4.93	0.0389	0.00208	19.9	0.00248	0.00635	0.0000996	0.000473	0.000254	0.211	0.00000631	0.000961	0.000292	0.00119	0.000931
2063 Oct	0.000529	0.000175	0.00106	0.0369	0.00000627	5	4.94	0.039	0.00209	19.9	0.00248	0.00636	0.0000999	0.000474	0.000255	0.211	0.00000634	0.000963	0.000293	0.00119	0.000935
2063 Nov	0.00053	0.000175	0.00106	0.0369	0.00000627	5	4.94	0.039	0.00209	19.9	0.00248	0.00636	0.0000999	0.000474	0.000255	0.211	0.00000635	0.000964	0.000293	0.00119	0.000935
2063 Dec	0.00053	0.000175	0.00106	0.0369	0.00000627	5	4.94	0.039	0.00209	19.9	0.00248	0.00636	0.0000999	0.000474	0.000255	0.211	0.00000635	0.000964	0.000293	0.00119	0.000935
2064 Jan	0.00053	0.000175	0.00106	0.0369	0.00000627	5	4.94	0.039	0.00209	19.9	0.00248	0.00636	0.0000999	0.000474	0.000255	0.211	0.00000635	0.000964	0.000293	0.00119	0.000935
2064 Feb	0.00053	0.000175	0.00106	0.0369	0.00000627	5	4.94	0.039	0.00209	19.9	0.00248	0.00636	0.0000999	0.000474	0.000255	0.211	0.00000635	0.000964	0.000293	0.00119	0.000935
2064 Mar	0.00053	0.000175	0.00106	0.0369	0.00000627	5	4.94	0.039	0.00209	19.9	0.00248	0.00636	0.0000999	0.000474	0.000255	0.211	0.00000635	0.000964	0.000293	0.00119	0.000935
2064 Apr	0.00053	0.000175	0.00106	0.0369	0.00000627	5	4.94	0.039	0.00209	19.9	0.00248	0.00636	0.0000999	0.000474	0.000255	0.211	0.00000635	0.000964	0.000293	0.00119	0.000935
2064 May	0.000532	0.000176	0.00106	0.0371	0.00000629	5.02	4.95	0.0392	0.0021	19.9	0.00249	0.00638	0.0001	0.000476	0.000256	0.212	0.00000638	0.000966	0.000294	0.0012	0.00094
2064 Jun	0.000539	0.000177	0.00106	0.0377	0.00000637	5.08	5.01	0.0399	0.00215	19.7	0.0025	0.00642	0.000103	0.000482	0.00026	0.215	0.00000653	0.000977	0.000299	0.0012	0.000958
2064 Jul	0.00054	0.000178	0.00106	0.0378	0.00000638	5.09	5.02	0.04	0.00216	19.8	0.00251	0.00644	0.000103	0.000483	0.00026	0.215	0.00000654	0.000979	0.000299	0.0012	0.00096
2064 Aug	0.000541	0.000178	0.00106	0.0379	0.00000639	5.1	5.03	0.0401	0.00216	19.8	0.00251	0.00645	0.000103	0.000484	0.000261	0.216	0.00000656	0.000981	0.0003	0.0012	0.000963
2064 Sep	0.000544	0.000179	0.00106	0.0381	0.00000642	5.12	5.05	0.0404	0.00218	19.7	0.00252	0.00646	0.000104	0.000485	0.000262	0.217	0.00000661	0.000985	0.000301	0.00121	0.000969
2064 Oct	0.000544	0.000179	0.00106	0.0382	0.00000643	5.13	5.05	0.0404	0.00219	19.7	0.00252	0.00647	0.000104	0.000486	0.000263	0.217	0.00000662	0.000986	0.000302	0.00121	0.000971
2064 Nov	0.000545	0.000179	0.00106	0.0382	0.00000643	5.13	5.05	0.0404	0.00219	19.7	0.00252	0.00647	0.000104	0.000486	0.000263	0.217	0.00000662	0.000986	0.000302	0.00121	0.000971
2064 Dec	0.000545	0.000179	0.00106	0.0382	0.00000643	5.13	5.05	0.0404	0.00219	19.7	0.00252	0.00647	0.000104	0.000486	0.000263	0.217	0.00000662	0.000986	0.000302	0.00121	0.000971
2065 Jan	0.000545	0.000179	0.00106	0.0382	0.00000643	5.13	5.05	0.0404	0.00219	19.7	0.00252	0.00647	0.000104	0.000486	0.000263	0.217	0.00000662	0.000986	0.000302	0.00121	0.000971
2065 Feb	0.000545	0.000179	0.00106	0.0382	0.00000643	5.13	5.05	0.0404	0.00219	19.7	0.00252	0.00647	0.000104	0.000486	0.000263	0.217	0.00000662	0.000986	0.000302	0.00121	0.000971
2065 Mar	0.000545	0.000179	0.00106	0.0382	0.00000643	5.13	5.06	0.0404	0.00219	19.7	0.00252	0.00647	0.000104	0.000486	0.000263	0.217	0.00000663	0.000986	0.000302	0.00121	0.000971
2065 Apr	0.000545	0.000179	0.00106	0.0382	0.00000643	5.13	5.06	0.0404	0.00219	19.7	0.00252	0.00647	0.000104	0.000486	0.000263	0.217	0.00000663	0.000986	0.000302	0.00121	0.000971
2065 May	0.000546	0.000179	0.00106	0.0383	0.00000644	5.14	5.06	0.0405	0.00219	19.7	0.00252	0.00648	0.000104	0.000487	0.000263	0.217	0.00000664	0.000988	0.000302	0.00121	0.000973
2065 Jun	0.000551	0.000181	0.00106	0.0388	0.0000065	5.18	5.1	0.0411	0.00223	19.6	0.00254	0.00652	0.000106	0.000491	0.000266	0.219	0.00000675	0.000996	0.000306	0.00121	0.000987
2065 Jul	0.000554	0.000182	0.00107	0.039	0.00000653	5.21	5.12	0.0413	0.00224	19.7	0.00255	0.00654	0.000107	0.000493	0.000267	0.22	0.00000679	0.001	0.000307	0.00121	0.000993
2065 Aug	0.000555	0.000182	0.00107	0.0391	0.00000654	5.22	5.14	0.0414	0.00225	19.7	0.00255	0.00655	0.000107	0.000494	0.000268	0.221	0.0000068	0.001	0.000308	0.00122	0.000995
2065 Sep	0.000555	0.000182	0.00107	0.0391	0.00000655	5.22	5.14	0.0415	0.00225	19.7	0.00255	0.00656	0.000107	0.000495	0.000268	0.221	0.00000682	0.001	0.000308	0.00122	0.000996
2065 Oct	0.000559	0.000183	0.00107	0.0394	0.00000658	5.25	5.17	0.0418	0.00228	19.6	0.00256	0.00658	0.000108	0.000497	0.00027	0.222	0.0000069	0.00101	0.00031	0.00122	0.00101
2065 Nov	0.00056	0.000183	0.00107	0.0395	0.00000659	5.26	5.17	0.0419	0.00229	19.6	0.00256	0.00658	0.000108	0.000498	0.00027	0.223	0.00000692	0.00101	0.00031	0.00122	0.00101
2065 Dec	0.00056	0.000183	0.00107	0.0395	0.00000659	5.26	5.17	0.0419	0.00229	19.6	0.00256	0.00658	0.000108	0.000498	0.00027	0.223	0.00000692	0.00101	0.00031	0.00122	0.00101

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2066 Jan	0.00056	0.000183	0.00107	0.0395	0.00000659	5.26	5.17	0.0419	0.00229	19.6	0.00256	0.00658	0.000108	0.000498	0.00027	0.223	0.00000692	0.00101	0.00031	0.00122	0.00101
2066 Feb	0.00056	0.000183	0.00107	0.0395	0.00000659	5.26	5.17	0.0419	0.00229	19.6	0.00256	0.00659	0.000108	0.000498	0.00027	0.223	0.00000692	0.00101	0.00031	0.00122	0.00101
2066 Mar	0.00056	0.000183	0.00107	0.0395	0.00000659	5.26	5.17	0.0419	0.00229	19.6	0.00256	0.00659	0.000108	0.000498	0.00027	0.223	0.00000692	0.00101	0.00031	0.00122	0.00101
2066 Apr	0.00056	0.000183	0.00107	0.0395	0.00000659	5.26	5.17	0.0419	0.00229	19.6	0.00256	0.00659	0.000108	0.000498	0.00027	0.223	0.00000692	0.00101	0.00031	0.00122	0.00101
2066 May	0.00056	0.000183	0.00107	0.0395	0.0000066	5.26	5.18	0.0419	0.00229	19.6	0.00256	0.00659	0.000108	0.000498	0.00027	0.223	0.00000692	0.00101	0.00031	0.00122	0.00101
2066 Jun	0.000566	0.000185	0.00107	0.04	0.00000666	5.31	5.22	0.0425	0.00233	19.4	0.00257	0.00663	0.00011	0.000502	0.000273	0.225	0.00000704	0.00102	0.000314	0.00122	0.00103
2066 Jul	0.000569	0.000186	0.00107	0.0402	0.00000669	5.34	5.24	0.0427	0.00235	19.5	0.00258	0.00665	0.00011	0.000505	0.000275	0.226	0.00000709	0.00102	0.000315	0.00123	0.00103
2066 Aug	0.00057	0.000186	0.00107	0.0403	0.0000067	5.35	5.25	0.0428	0.00235	19.5	0.00259	0.00667	0.000111	0.000506	0.000275	0.226	0.0000071	0.00102	0.000316	0.00123	0.00103
2066 Sep	0.00057	0.000186	0.00107	0.0403	0.0000067	5.35	5.25	0.0428	0.00235	19.5	0.00259	0.00667	0.000111	0.000506	0.000275	0.226	0.0000071	0.00102	0.000316	0.00123	0.00103
2066 Oct	0.00057	0.000186	0.00107	0.0403	0.00000671	5.35	5.25	0.0428	0.00235	19.5	0.00259	0.00667	0.000111	0.000506	0.000275	0.227	0.00000711	0.00102	0.000316	0.00123	0.00103
2066 Nov	0.00057	0.000186	0.00107	0.0404	0.00000671	5.35	5.25	0.0429	0.00236	19.5	0.00259	0.00667	0.000111	0.000506	0.000275	0.227	0.00000712	0.00102	0.000316	0.00123	0.00104
2066 Dec	0.00057	0.000186	0.00107	0.0404	0.00000671	5.35	5.25	0.0429	0.00236	19.5	0.00259	0.00667	0.000111	0.000506	0.000275	0.227	0.00000712	0.00102	0.000316	0.00123	0.00104
2067 Jan	0.00057	0.000186	0.00107	0.0404	0.00000671	5.35	5.25	0.0429	0.00236	19.5	0.00259	0.00667	0.000111	0.000506	0.000276	0.227	0.00000712	0.00102	0.000316	0.00123	0.00104
2067 Feb	0.00057	0.000186	0.00107	0.0404	0.00000671	5.35	5.25	0.0429	0.00236	19.5	0.00259	0.00667	0.000111	0.000506	0.000276	0.227	0.00000712	0.00102	0.000316	0.00123	0.00104
2067 Mar	0.00057	0.000186	0.00107	0.0404	0.00000671	5.35	5.26	0.0429	0.00236	19.5	0.00259	0.00667	0.000111	0.000506	0.000276	0.227	0.00000712	0.00103	0.000316	0.00123	0.00104
2067 Apr	0.000571	0.000186	0.00107	0.0404	0.00000671	5.35	5.26	0.0429	0.00236	19.5	0.00259	0.00667	0.000111	0.000506	0.000276	0.227	0.00000712	0.00103	0.000316	0.00123	0.00104
2067 May	0.000571	0.000186	0.00107	0.0405	0.00000672	5.36	5.26	0.0429	0.00236	19.5	0.00259	0.00668	0.000111	0.000507	0.000276	0.227	0.00000713	0.00103	0.000317	0.00123	0.00104
2067 Jun	0.000576	0.000188	0.00107	0.0409	0.00000677	5.4	5.3	0.0434	0.0024	19.4	0.0026	0.00671	0.000112	0.00051	0.000278	0.229	0.00000723	0.00103	0.00032	0.00123	0.00105
2067 Jul	0.000578	0.000188	0.00108	0.041	0.00000679	5.41	5.31	0.0436	0.00241	19.4	0.00261	0.00673	0.000113	0.000512	0.000279	0.229	0.00000726	0.00104	0.000321	0.00124	0.00105
2067 Aug	0.000578	0.000188	0.00108	0.0411	0.0000068	5.42	5.32	0.0436	0.00241	19.5	0.00261	0.00674	0.000113	0.000513	0.000279	0.23	0.00000727	0.00104	0.000321	0.00124	0.00106
2067 Sep	0.000579	0.000188	0.00108	0.0411	0.0000068	5.42	5.32	0.0436	0.00241	19.5	0.00261	0.00675	0.000113	0.000513	0.00028	0.23	0.00000727	0.00104	0.000321	0.00124	0.00106
2067 Oct	0.00058	0.000189	0.00108	0.0412	0.00000682	5.44	5.33	0.0438	0.00242	19.4	0.00262	0.00676	0.000113	0.000514	0.000281	0.23	0.00000731	0.00104	0.000322	0.00124	0.00106
2067 Nov	0.000581	0.000189	0.00108	0.0413	0.00000683	5.44	5.34	0.0439	0.00243	19.4	0.00262	0.00676	0.000113	0.000514	0.000281	0.231	0.00000733	0.00104	0.000322	0.00124	0.00106
2067 Dec	0.000581	0.000189	0.00108	0.0413	0.00000683	5.45	5.34	0.0439	0.00243	19.4	0.00262	0.00677	0.000113	0.000515	0.000281	0.231	0.00000733	0.00104	0.000322	0.00124	0.00106
2068 Jan	0.000581	0.000189	0.00108	0.0413	0.00000683	5.45	5.34	0.0439	0.00243	19.4	0.00262	0.00677	0.000113	0.000515	0.000281	0.231	0.00000733	0.00104	0.000322	0.00124	0.00106
2068 Feb	0.000581	0.000189	0.00108	0.0413	0.00000683	5.45	5.34	0.0439	0.00243	19.4	0.00262	0.00677	0.000113	0.000515	0.000281	0.231	0.00000733	0.00104	0.000322	0.00124	0.00106
2068 Mar	0.000581	0.000189	0.00108	0.0413	0.00000683	5.45	5.34	0.0439	0.00243	19.4	0.00262	0.00677	0.000113	0.000515	0.000281	0.231	0.00000733	0.00104	0.000322	0.00124	0.00106
2068 Apr	0.000581	0.000189	0.00108	0.0413	0.00000683	5.45	5.34	0.0439	0.00243	19.4	0.00262	0.00677	0.000113	0.000515	0.000281	0.231	0.00000733	0.00104	0.000322	0.00124	0.00106
2068 May	0.000582	0.000189	0.00108	0.0414	0.00000684	5.46	5.35	0.044	0.00244	19.4	0.00262	0.00678	0.000114	0.000516	0.000282	0.231	0.00000735	0.00104	0.000323	0.00124	0.00107
2068 Jun	0.00059	0.000192	0.00108	0.0421	0.00000692	5.52	5.4	0.0448	0.0025	19.2	0.00264	0.00684	0.000116	0.000521	0.000286	0.234	0.00000755	0.00105	0.000328	0.00125	0.00109
2068 Jul	0.000592	0.000192	0.00108	0.0423	0.00000694	5.54	5.42	0.045	0.00251	19.2	0.00264	0.00685	0.000117	0.000522	0.000287	0.235	0.00000758	0.00105	0.000329	0.00125	0.00109
2068 Aug	0.000593	0.000193	0.00108	0.0424	0.00000696	5.55	5.43	0.0451	0.00252	19.3	0.00265	0.00687	0.000117	0.000524	0.000287	0.235	0.0000076	0.00106	0.00033	0.00125	0.0011
2068 Sep	0.000594	0.000193	0.00108	0.0424	0.00000696	5.55	5.43	0.0451	0.00252	19.3	0.00265	0.00687	0.000117	0.000524	0.000287	0.235	0.0000076	0.00106	0.00033	0.00125	0.0011
2068 Oct	0.000594	0.000193	0.00108	0.0425	0.00000696	5.56	5.44	0.0452	0.00253	19.3	0.00265	0.00688	0.000117	0.000524	0.000288	0.235	0.00000761	0.00106	0.00033	0.00125	0.0011
2068 Nov	0.000594	0.000193	0.00108	0.0425	0.00000697	5.56	5.44	0.0452	0.00253	19.3	0.00265	0.00688	0.000117	0.000524	0.000288	0.235	0.00000762	0.00106	0.00033	0.00125	0.0011
2068 Dec	0.000594	0.000193	0.00108	0.0425	0.00000697	5.56	5.44	0.0452	0.00253	19.3	0.00265	0.00688	0.000117	0.000524	0.000288	0.236	0.00000762	0.00106	0.00033	0.00125	0.0011
2069 Jan	0.000594	0.000193	0.00108	0.0425	0.00000697	5.56	5.44	0.0452	0.00253	19.3	0.00265	0.00688	0.000117	0.000524	0.000288	0.236	0.00000762	0.00106	0.00033	0.00125	0.0011
2069 Feb	0.000594	0.000193	0.00108	0.0425	0.00000697	5.56	5.44	0.0452	0.00253	19.3	0.00265	0.00688	0.000117	0.000524	0.000288	0.236	0.00000762	0.00106	0.00033	0.00125	0.0011
2069 Mar	0.000594	0.000193	0.00108	0.0425	0.00000697	5.56	5.44	0.0452	0.00253	19.3	0.00265	0.00688	0.000117	0.000524	0.000288	0.236	0.00000762	0.00106	0.00033	0.00125	0.0011
2069 Apr	0.000594	0.000193	0.00108	0.0425	0.00000697	5.56	5.44	0.0452	0.00253	19.3	0.00265	0.00688	0.000117	0.000524	0.000288	0.236	0.00000762	0.00106	0.00033	0.00125	0.0011
2069 May	0.000595	0.000193	0.00109	0.0425	0.00000697	5.56	5.44	0.0452	0.00253	19.3	0.00265	0.00688	0.000117	0.000525	0.000288	0.236	0.00000762	0.00106	0.00033	0.00125	0.0011
2069 Jun	0.000599	0.000194	0.00109	0.0429	0.00000702	5.6	5.48	0.0457	0.00257	19.2	0.00266	0.00692	0.000119	0.000528	0.00029	0.237	0.00000773	0.00106	0.000333	0.00126	0.00111
2069 Jul	0.000602	0.000195	0.00109	0.0431	0.00000705	5.62	5.5	0.0459	0.00258	19.2	0.00267	0.00695	0.000119	0.00053	0.000292	0.238	0.00000778	0.00107	0.000334	0.00126	0.00112
2069 Aug	0.000603	0.000195	0.00109	0.0432	0.00000706	5.63	5.5	0.0459	0.00259	19.2	0.00267	0.00696	0.000119	0.000531	0.000292	0.239	0.00000779	0.00107	0.000335	0.00126	0.00112
2069 Sep	0.000604	0.000195	0.00109	0.0433	0.00000707	5.64	5.51	0.0461	0.0026	19.2	0.00268	0.00697	0.00012	0.000532	0.000293	0.239	0.00000784	0.00107	0.000335	0.00126	0.00113
2069 Oct	0.000607	0.000196	0.00109	0.0435	0.0000071	5.67	5.54	0.0464	0.00263	19.1	0.00268	0.00699	0.00012	0.000534	0.000294	0.24	0.00000792	0.00108	0.000337	0.00127	0.00113
2069 Nov	0.000608	0.000196	0.00109	0.0436	0.00000711	5.67	5.54	0.0465	0.00263	19.1	0.00268	0.007	0.00012	0.000534	0.000295	0.24	0.00000794	0.00108	0.000337	0.00127	0.00114
2069 Dec	0.000608	0.000196	0.00109	0.0436	0.00000711	5.67	5.54	0.0465	0.00263	19.1	0.00268	0.007	0.00012	0.000534	0.000295	0.24	0.00000794	0.00108	0.000337	0.00127	0.00114
2070 Jan	0.000608	0.000196	0.00109	0.0436	0.00000711	5.67	5.54	0.0465	0.00263	19.1	0.00268	0.007	0.00012	0.000534	0.000295	0.24	0.00000794	0.00108	0.000337	0.00127	0.00114
2070 Feb	0.000608	0.000196	0.00109	0.0436	0.00000711	5.67	5.54	0.0465	0.00263	19.1	0.00268	0.007	0.00012	0.000534	0.000295	0.24	0.00000794	0.00108	0.000337	0.00127	0.00114
2070 Mar	0.000608	0.000196	0.00109	0.0436	0.00000711	5.67	5.54	0.0465	0.00263	19.1	0.00268	0.007	0.00012	0.000534	0.000295	0.24	0.00000794	0.00108	0.000337	0.00127	0.00114
2070 Apr	0.000608	0.000196	0.00109	0.0436	0.00000711	5.67	5.54	0.0465	0.00263	19.1	0.00268	0.007	0.00012	0.000534	0.000295	0.24	0.00000794	0.00108	0.000337	0.00127	0.00114
2070 May	0.000609	0.000197	0.00109	0.0437	0.00000712	5.68	5.55	0.0466	0.00264	19.1	0.00269	0.00701	0.000121	0.000535	0.000295	0.241	0.00000796	0.00108	0.000338	0.00127	0.00114
2070 Jun	0.000612	0.000198	0.00109	0.0441	0.00000716	5.71	5.57	0.0469	0.00267	19	0.00269	0.00704	0.000122	0.000537	0.000297	0.242	0.00000805	0.00108	0.00034	0.00127	0.00115
2070 Jul	0.000613	0.000198	0.00109	0.0442	0.00000717	5.72	5.59	0.047	0.00268	19	0.0027	0.00706	0.000122	0.000538	0.000298	0.242	0.00000807	0.00108	0.000341	0.00127	0.00115
2070 Aug	0.000614	0.000198	0.00109	0.0442	0.00000719	5.73	5.6	0.0471	0.00268	19.1	0.0027	0.00707	0.000122	0.000539	0.000298	0.243	0.00000808	0.00109	0.000341	0.00127	0.00115
2070 Sep	0.000616	0.000199	0.00109	0.0443	0.0000072	5.74	5.6	0.0473	0.00269	19	0.0027	0.00708	0.000123	0.00054	0.000299	0.243	0.00000812	0.00109	0.000342	0.00128	0.00116
2070 Oct	0.000618	0.000199	0.00109	0.0445	0.00000722	5.76	5.62	0.0474	0.00271	19	0.00271	0.0071	0.000123	0.000541	0.0003	0.244	0.00000818	0.00109	0.000343	0.00128	0.00116
2070 Nov	0.000618	0.000199	0.00109	0.0445	0.00000722	5.76	5.62	0.0475	0.00271	19	0.00271	0.0071	0.000123	0.000541	0.0003	0.244	0.00000818	0.00109	0.000343	0.00128	0.00116
2070 Dec	0.000618	0.000199	0.00109	0.0445	0.00000722	5.76	5.62	0.0475	0.00271	19	0.00271	0.0071	0.000123	0.000541	0.0003	0.244	0.00000818	0.00109	0.000343	0.00128	0.00116
2071 Jan	0.000618	0.000199	0.00109	0.0445	0.00000722	5.76	5.62	0.0475	0.00271	19	0.00271	0.0071	0.000123	0.000541	0.0003	0.244	0.00000818	0.00109	0.000343	0.00128	0.00116
2071 Feb	0.000618	0.000199	0.00109	0.0445	0.00000722	5.76	5.62	0.0475	0.00271	19	0.00271	0.0071	0.000123	0.000541	0.0003	0.244	0.00000818	0.00109	0.000343	0.00128	0.00116
2071 Mar	0.000618	0.000199	0.00109	0.0445	0.00000722	5.76	5.62	0.0475	0.00271	19	0.00271	0.0071	0.000123	0.000541	0.0003	0.244	0.00000818	0.00109	0.000343	0.00128	0.00116
2071 Apr	0.000618	0.000199	0.00109	0.0445	0.00000722	5.76	5.62	0.0475	0.00271	19	0.00271	0.0071	0.000123	0.000541	0.0003	0.244	0.00000818	0.00109	0.000343	0.00128	0.00117
2071 May	0.000619	0.000199	0.00109	0.0446	0.00000723	5.77	5.63	0.0476	0.00272	19	0.00271	0.00711	0.000123	0.000542	0.000301	0.244	0.00000821	0.00109	0.000344	0.00128	0.00117

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2071 Jun	0.000623	0.000201	0.00109	0.0451	0.00000728	5.81	5.66	0.0481	0.00276	18.8	0.00272	0.00715	0.000125	0.000545	0.000303	0.246	0.00000834	0.0011	0.000347	0.00128	0.00118
2071 Jul	0.000625	0.000201	0.0011	0.0453	0.0000073	5.82	5.67	0.0482	0.00278	18.8	0.00272	0.00717	0.000125	0.000546	0.000304	0.246	0.00000838	0.0011	0.000348	0.00128	0.00119
2071 Aug	0.000626	0.000202	0.0011	0.0454	0.00000731	5.83	5.68	0.0483	0.00278	18.9	0.00273	0.00718	0.000126	0.000547	0.000305	0.247	0.00000839	0.0011	0.000348	0.00128	0.00119
2071 Sep	0.000627	0.000202	0.0011	0.0454	0.00000732	5.84	5.69	0.0484	0.00279	18.8	0.00273	0.00719	0.000126	0.000548	0.000305	0.247	0.00000842	0.0011	0.000349	0.00128	0.00119
2071 Oct	0.000628	0.000202	0.0011	0.0455	0.00000733	5.85	5.69	0.0485	0.0028	18.8	0.00273	0.0072	0.000126	0.000548	0.000306	0.247	0.00000845	0.0011	0.000349	0.00129	0.00119
2071 Nov	0.000628	0.000202	0.0011	0.0456	0.00000733	5.85	5.7	0.0486	0.0028	18.8	0.00273	0.0072	0.000126	0.000548	0.000306	0.248	0.00000846	0.0011	0.000349	0.00129	0.0012
2071 Dec	0.000628	0.000202	0.0011	0.0456	0.00000733	5.85	5.7	0.0486	0.0028	18.8	0.00273	0.0072	0.000126	0.000548	0.000306	0.248	0.00000846	0.0011	0.000349	0.00129	0.0012
2072 Jan	0.000628	0.000202	0.0011	0.0456	0.00000733	5.85	5.7	0.0486	0.0028	18.8	0.00273	0.0072	0.000126	0.000548	0.000306	0.248	0.00000846	0.0011	0.000349	0.00129	0.0012
2072 Feb	0.000628	0.000202	0.0011	0.0456	0.00000733	5.85	5.7	0.0486	0.0028	18.8	0.00273	0.0072	0.000126	0.000548	0.000306	0.248	0.00000846	0.0011	0.000349	0.00129	0.0012
2072 Mar	0.000628	0.000202	0.0011	0.0456	0.00000733	5.85	5.7	0.0486	0.0028	18.8	0.00273	0.0072	0.000126	0.000548	0.000306	0.248	0.00000846	0.0011	0.000349	0.00129	0.0012
2072 Apr	0.000628	0.000202	0.0011	0.0456	0.00000733	5.85	5.7	0.0486	0.0028	18.8	0.00273	0.0072	0.000126	0.000548	0.000306	0.248	0.00000846	0.0011	0.000349	0.00129	0.0012
2072 May	0.000629	0.000202	0.0011	0.0456	0.00000734	5.86	5.7	0.0486	0.00281	18.8	0.00273	0.00721	0.000126	0.000549	0.000306	0.248	0.00000847	0.0011	0.00035	0.00129	0.0012
2072 Jun	0.000631	0.000203	0.0011	0.0458	0.00000736	5.87	5.72	0.0488	0.00283	18.8	0.00273	0.00723	0.000127	0.00055	0.000307	0.248	0.00000853	0.0011	0.000351	0.00129	0.0012
2072 Jul	0.000633	0.000203	0.0011	0.0459	0.00000738	5.89	5.73	0.049	0.00284	18.8	0.00274	0.00725	0.000127	0.000551	0.000308	0.249	0.00000857	0.00111	0.000352	0.00129	0.00121
2072 Aug	0.000635	0.000204	0.0011	0.0462	0.00000741	5.91	5.75	0.0492	0.00286	18.7	0.00274	0.00727	0.000128	0.000553	0.00031	0.25	0.00000864	0.00111	0.000353	0.00129	0.00122
2072 Sep	0.000637	0.000204	0.0011	0.0463	0.00000743	5.93	5.76	0.0494	0.00288	18.7	0.00275	0.00729	0.000128	0.000554	0.000311	0.251	0.00000871	0.00111	0.000354	0.00129	0.00122
2072 Oct	0.000639	0.000205	0.0011	0.0464	0.00000745	5.94	5.77	0.0496	0.0029	18.6	0.00275	0.00731	0.000128	0.000555	0.000312	0.251	0.00000876	0.00111	0.000354	0.00129	0.00123
2072 Nov	0.000639	0.000205	0.0011	0.0465	0.00000745	5.94	5.77	0.0496	0.0029	18.6	0.00275	0.00731	0.000128	0.000555	0.000312	0.251	0.00000877	0.00111	0.000355	0.00129	0.00123
2072 Dec	0.000639	0.000205	0.0011	0.0465	0.00000745	5.94	5.77	0.0496	0.0029	18.6	0.00275	0.00731	0.000128	0.000555	0.000312	0.251	0.00000877	0.00111	0.000355	0.00129	0.00123
2073 Jan	0.000639	0.000205	0.0011	0.0465	0.00000745	5.94	5.77	0.0496	0.0029	18.6	0.00275	0.00731	0.000128	0.000555	0.000312	0.251	0.00000877	0.00111	0.000355	0.00129	0.00123
2073 Feb	0.000639	0.000205	0.0011	0.0465	0.00000745	5.94	5.77	0.0496	0.0029	18.6	0.00275	0.00731	0.000128	0.000555	0.000312	0.251	0.00000877	0.00111	0.000355	0.00129	0.00123
2073 Mar	0.000639	0.000205	0.0011	0.0465	0.00000745	5.94	5.77	0.0496	0.0029	18.6	0.00275	0.00731	0.000128	0.000555	0.000312	0.251	0.00000877	0.00111	0.000355	0.00129	0.00123
2073 Apr	0.000639	0.000205	0.0011	0.0465	0.00000745	5.94	5.78	0.0496	0.0029	18.6	0.00275	0.00731	0.000128	0.000555	0.000312	0.251	0.00000878	0.00111	0.000355	0.0013	0.00123
2073 May	0.00064	0.000205	0.0011	0.0466	0.00000747	5.95	5.78	0.0498	0.00291	18.6	0.00275	0.00733	0.000129	0.000556	0.000313	0.252	0.00000881	0.00111	0.000355	0.0013	0.00123
2073 Jun	0.000643	0.000206	0.0011	0.047	0.0000075	5.98	5.8	0.0501	0.00295	18.5	0.00275	0.00736	0.00013	0.000558	0.000314	0.252	0.00000891	0.00112	0.000357	0.0013	0.00124
2073 Jul	0.000645	0.000206	0.0011	0.0471	0.00000752	5.99	5.82	0.0503	0.00296	18.5	0.00276	0.00738	0.00013	0.000559	0.000315	0.253	0.00000895	0.00112	0.000358	0.0013	0.00125
2073 Aug	0.000646	0.000207	0.0011	0.0472	0.00000753	6	5.83	0.0503	0.00296	18.5	0.00276	0.00739	0.000131	0.00056	0.000316	0.253	0.00000896	0.00112	0.000359	0.0013	0.00125
2073 Sep	0.000647	0.000207	0.0011	0.0473	0.00000754	6.01	5.83	0.0504	0.00297	18.5	0.00276	0.0074	0.000131	0.000561	0.000316	0.254	0.00000899	0.00112	0.000359	0.0013	0.00125
2073 Oct	0.000648	0.000207	0.0011	0.0474	0.00000755	6.02	5.84	0.0506	0.00299	18.4	0.00277	0.00741	0.000131	0.000561	0.000317	0.254	0.00000904	0.00112	0.00036	0.0013	0.00126
2073 Nov	0.000648	0.000207	0.0011	0.0474	0.00000756	6.02	5.84	0.0506	0.00299	18.4	0.00277	0.00741	0.000131	0.000561	0.000317	0.254	0.00000905	0.00112	0.00036	0.0013	0.00126
2073 Dec	0.000648	0.000207	0.0011	0.0474	0.00000756	6.02	5.84	0.0506	0.00299	18.4	0.00277	0.00741	0.000131	0.000561	0.000317	0.254	0.00000905	0.00112	0.00036	0.0013	0.00126
2074 Jan	0.000648	0.000207	0.0011	0.0474	0.00000756	6.02	5.84	0.0506	0.00299	18.4	0.00277	0.00741	0.000131	0.000561	0.000317	0.254	0.00000905	0.00112	0.00036	0.0013	0.00126
2074 Feb	0.000648	0.000207	0.0011	0.0474	0.00000756	6.02	5.84	0.0506	0.00299	18.4	0.00277	0.00741	0.000131	0.000561	0.000317	0.254	0.00000905	0.00112	0.00036	0.0013	0.00126
2074 Mar	0.000648	0.000207	0.0011	0.0474	0.00000756	6.02	5.84	0.0506	0.00299	18.4	0.00277	0.00741	0.000131	0.000561	0.000317	0.254	0.00000905	0.00112	0.00036	0.0013	0.00126
2074 Apr	0.000649	0.000207	0.0011	0.0474	0.00000756	6.02	5.85	0.0506	0.00299	18.4	0.00277	0.00742	0.000131	0.000561	0.000317	0.254	0.00000906	0.00112	0.00036	0.0013	0.00126
2074 May	0.00065	0.000208	0.0011	0.0476	0.00000758	6.04	5.86	0.0508	0.00301	18.4	0.00277	0.00743	0.000132	0.000563	0.000318	0.255	0.0000091	0.00113	0.000361	0.00131	0.00127
2074 Jun	0.000654	0.000209	0.0011	0.0481	0.00000762	6.07	5.88	0.0513	0.00305	18.2	0.00277	0.00747	0.000133	0.000564	0.000321	0.256	0.00000924	0.00113	0.000364	0.00131	0.00128
2074 Jul	0.000656	0.00021	0.0011	0.0482	0.00000764	6.08	5.9	0.0514	0.00306	18.3	0.00278	0.00749	0.000134	0.000566	0.000321	0.257	0.00000927	0.00113	0.000365	0.00131	0.00128
2074 Aug	0.000657	0.00021	0.0011	0.0484	0.00000765	6.1	5.91	0.0516	0.00307	18.3	0.00278	0.00751	0.000134	0.000567	0.000322	0.257	0.00000929	0.00113	0.000366	0.00131	0.00129
2074 Sep	0.000658	0.00021	0.0011	0.0484	0.00000766	6.1	5.91	0.0516	0.00307	18.3	0.00278	0.00751	0.000134	0.000567	0.000322	0.257	0.00000931	0.00113	0.000366	0.00131	0.00129
2074 Oct	0.000659	0.00021	0.0011	0.0485	0.00000767	6.11	5.92	0.0517	0.00308	18.2	0.00278	0.00752	0.000134	0.000568	0.000323	0.258	0.00000934	0.00113	0.000366	0.00131	0.00129
2074 Nov	0.000659	0.00021	0.0011	0.0485	0.00000767	6.11	5.92	0.0518	0.00309	18.2	0.00279	0.00753	0.000134	0.000568	0.000323	0.258	0.00000935	0.00113	0.000366	0.00131	0.00129
2074 Dec	0.000659	0.00021	0.0011	0.0485	0.00000767	6.11	5.92	0.0518	0.00309	18.2	0.00279	0.00753	0.000134	0.000568	0.000323	0.258	0.00000935	0.00113	0.000366	0.00131	0.00129
2075 Jan	0.000659	0.00021	0.0011	0.0485	0.00000767	6.11	5.92	0.0518	0.00309	18.2	0.00279	0.00753	0.000134	0.000568	0.000323	0.258	0.00000935	0.00113	0.000366	0.00131	0.00129
2075 Feb	0.000659	0.00021	0.0011	0.0485	0.00000767	6.11	5.92	0.0518	0.00309	18.2	0.00279	0.00753	0.000134	0.000568	0.000323	0.258	0.00000935	0.00113	0.000366	0.00131	0.00129
2075 Mar	0.000659	0.000211	0.0011	0.0485	0.00000767	6.11	5.92	0.0518	0.00309	18.2	0.00279	0.00753	0.000134	0.000568	0.000323	0.258	0.00000936	0.00113	0.000366	0.00131	0.0013
2075 Apr	0.000659	0.000211	0.0011	0.0485	0.00000767	6.11	5.92	0.0518	0.00309	18.2	0.00279	0.00753	0.000135	0.000568	0.000323	0.258	0.00000936	0.00113	0.000367	0.00131	0.0013
2075 May	0.00066	0.000211	0.00111	0.0486	0.00000768	6.12	5.93	0.0518	0.00309	18.2	0.00279	0.00753	0.000135	0.000568	0.000323	0.258	0.00000936	0.00114	0.000367	0.00131	0.0013
2075 Jun	0.000662	0.000211	0.0011	0.0489	0.00000771	6.14	5.95	0.0521	0.00312	18.1	0.00279	0.00756	0.000135	0.00057	0.000325	0.259	0.00000947	0.00114	0.000368	0.00132	0.00131
2075 Jul	0.000665	0.000212	0.0011	0.0491	0.00000774	6.16	5.96	0.0524	0.00314	18.1	0.00279	0.00759	0.000136	0.000572	0.000326	0.26	0.00000953	0.00114	0.00037	0.00132	0.00132
2075 Aug	0.000665	0.000212	0.00111	0.0491	0.00000774	6.16	5.97	0.0524	0.00315	18.1	0.0028	0.0076	0.000136	0.000572	0.000327	0.26	0.00000954	0.00114	0.00037	0.00132	0.00132
2075 Sep	0.000666	0.000212	0.00111	0.0492	0.00000775	6.17	5.97	0.0525	0.00315	18.1	0.0028	0.0076	0.000136	0.000573	0.000327	0.26	0.00000955	0.00114	0.00037	0.00132	0.00132
2075 Oct	0.000666	0.000212	0.00111	0.0492	0.00000775	6.17	5.97	0.0525	0.00315	18.1	0.0028	0.0076	0.000136	0.000573	0.000327	0.26	0.00000956	0.00114	0.000371	0.00132	0.00132
2075 Nov	0.000666	0.000212	0.00111	0.0492	0.00000775	6.17	5.97	0.0525	0.00315	18.1	0.0028	0.0076	0.000136	0.000573	0.000327	0.26	0.00000956	0.00114	0.000371	0.00132	0.00132
2075 Dec	0.000666	0.000212	0.00111	0.0492	0.00000775	6.17	5.97	0.0525	0.00315	18.1	0.0028	0.0076	0.000136	0.000573	0.000327	0.26	0.00000956	0.00114	0.000371	0.00132	0.00132
2076 Jan	0.000666	0.000212	0.00111	0.0492	0.00000775	6.17	5.97	0.0525	0.00315	18.1	0.0028	0.0076	0.000136	0.000573	0.000327	0.26	0.00000956	0.00114	0.000371	0.00132	0.00132
2076 Feb	0.000666	0.000212	0.00111	0.0492	0.00000775	6.17	5.98	0.0525	0.00315	18.1	0.0028	0.0076	0.000136	0.000573	0.000327	0.26	0.00000956	0.00114	0.000371	0.00132	0.00132
2076 Mar	0.000666	0.000212	0.00111	0.0492	0.00000775	6.17	5.98	0.0525	0.00316	18.1	0.0028	0.00761	0.000136	0.000573	0.000327	0.26	0.00000956	0.00114	0.000371	0.00132	0.00132
2076 Apr	0.000666	0.000212	0.00111	0.0492	0.00000776	6.17	5.98	0.0525	0.00316	18.1	0.0028	0.00761	0.000136	0.000573	0.000327	0.26	0.00000956	0.00114	0.000371	0.00132	0.00132
2076 May	0.000667	0.000213	0.00111	0.0493	0.00000776	6.18	5.98	0.0526	0.00316	18.1	0.0028	0.00761	0.000137	0.000573	0.000328	0.26	0.00000958	0.00114	0.000371	0.00132	0.00132
2076 Jun	0.00067	0.000214	0.00111	0.0497	0.0000078	6.2	6	0.053	0.0032	18	0.0028	0.00765	0.000138	0.000575	0.00033	0.261	0.0000097	0.00115	0.000373	0.00132	0.00134
2076 Jul	0.000672	0.000214	0.00111	0.0499	0.00000782	6.22	6.02	0.0531	0.00321	18	0.00281	0.00767	0.000138	0.000576	0.00033	0.262	0.00000974	0.00115	0.000374	0.00133	0.00134
2076 Aug	0.000673	0.000215	0.00111	0.05	0.00000783	6.23	6.03	0.0532	0.00322	18	0.00281	0.00768	0.000139	0.000577	0.000331	0.262	0.00000976	0.00115	0.000375	0.00133	0.00135
2076 Sep	0.000674	0.000215	0.00111	0.05	0.00000784	6.23	6.03	0.0533	0.00322	18	0.00281	0.00769	0.000139	0.000578	0.000331	0.263	0.00000977	0.00115	0.000375	0.00133	0.00135
2076 Oct	0.000674	0.000215	0.00111	0.05	0.00000784	6.23	6.03	0.0533	0.00322	18	0.00281	0.00769	0.000139	0.000577	0.000331	0.263	0.00000978	0.00115	0.000375	0.00133	0.00135

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2076 Nov	0.000674	0.000215	0.00111	0.05	0.00000784	6.24	6.03	0.0533	0.00323	18	0.00281	0.00769	0.000139	0.000578	0.000332	0.263	0.00000979	0.00115	0.000375	0.00133	0.00135
2076 Dec	0.000674	0.000215	0.00111	0.05	0.00000784	6.24	6.03	0.0533	0.00323	18	0.00281	0.00769	0.000139	0.000578	0.000332	0.263	0.00000979	0.00115	0.000375	0.00133	0.00135
2077 Jan	0.000674	0.000215	0.00111	0.05	0.00000784	6.24	6.03	0.0533	0.00323	18	0.00281	0.00769	0.000139	0.000578	0.000332	0.263	0.00000979	0.00115	0.000375	0.00133	0.00135
2077 Feb	0.000674	0.000215	0.00111	0.05	0.00000784	6.24	6.03	0.0533	0.00323	18	0.00281	0.00769	0.000139	0.000578	0.000332	0.263	0.00000979	0.00115	0.000375	0.00133	0.00135
2077 Mar	0.000674	0.000215	0.00111	0.05	0.00000784	6.24	6.03	0.0533	0.00323	18	0.00281	0.00769	0.000139	0.000578	0.000332	0.263	0.00000979	0.00115	0.000375	0.00133	0.00135
2077 Apr	0.000674	0.000215	0.00111	0.05	0.00000784	6.24	6.03	0.0533	0.00323	18	0.00281	0.00769	0.000139	0.000578	0.000332	0.263	0.00000979	0.00115	0.000375	0.00133	0.00135
2077 May	0.000675	0.000215	0.00111	0.0501	0.00000785	6.24	6.04	0.0534	0.00323	18	0.00282	0.0077	0.000139	0.000578	0.000332	0.263	0.00000981	0.00115	0.000376	0.00133	0.00135
2077 Jun	0.000678	0.000216	0.00111	0.0505	0.00000788	6.26	6.06	0.0538	0.00327	17.8	0.00282	0.00773	0.00014	0.000579	0.000334	0.264	0.00000993	0.00115	0.000378	0.00133	0.00136
2077 Jul	0.000679	0.000216	0.00111	0.0506	0.0000079	6.28	6.07	0.0539	0.00328	17.9	0.00282	0.00775	0.000141	0.000581	0.000335	0.264	0.00000995	0.00115	0.000379	0.00133	0.00137
2077 Aug	0.000681	0.000217	0.00111	0.0507	0.00000791	6.29	6.08	0.054	0.00328	17.9	0.00283	0.00777	0.000141	0.000582	0.000335	0.265	0.00000998	0.00116	0.00038	0.00134	0.00137
2077 Sep	0.000682	0.000217	0.00111	0.0508	0.00000792	6.3	6.09	0.0542	0.0033	17.9	0.00283	0.00778	0.000141	0.000582	0.000336	0.265	0.00001	0.00116	0.00038	0.00134	0.00138
2077 Oct	0.000682	0.000217	0.00111	0.0509	0.00000793	6.3	6.09	0.0542	0.00331	17.8	0.00283	0.00779	0.000141	0.000583	0.000336	0.265	0.00001	0.00116	0.000381	0.00134	0.00138
2077 Nov	0.000682	0.000217	0.00111	0.0509	0.00000793	6.31	6.09	0.0542	0.00331	17.8	0.00283	0.00779	0.000141	0.000583	0.000336	0.265	0.0000101	0.00116	0.000381	0.00134	0.00138
2077 Dec	0.000682	0.000217	0.00111	0.0509	0.00000793	6.31	6.09	0.0542	0.00331	17.8	0.00283	0.00779	0.000141	0.000583	0.000336	0.265	0.0000101	0.00116	0.000381	0.00134	0.00138
2078 Jan	0.000682	0.000217	0.00111	0.0509	0.00000793	6.31	6.09	0.0542	0.00331	17.8	0.00283	0.00779	0.000141	0.000583	0.000336	0.265	0.0000101	0.00116	0.000381	0.00134	0.00138
2078 Feb	0.000682	0.000217	0.00111	0.0509	0.00000793	6.31	6.09	0.0542	0.00331	17.8	0.00283	0.00779	0.000141	0.000583	0.000336	0.265	0.0000101	0.00116	0.000381	0.00134	0.00138
2078 Mar	0.000682	0.000217	0.00111	0.0509	0.00000793	6.31	6.09	0.0542	0.00331	17.8	0.00283	0.00779	0.000141	0.000583	0.000336	0.265	0.0000101	0.00116	0.000381	0.00134	0.00138
2078 Apr	0.000683	0.000217	0.00111	0.0509	0.00000793	6.31	6.1	0.0543	0.00331	17.8	0.00283	0.00779	0.000142	0.000583	0.000336	0.265	0.0000101	0.00116	0.000381	0.00134	0.00138
2078 May	0.000684	0.000218	0.00111	0.0512	0.00000795	6.32	6.11	0.0545	0.00333	17.8	0.00283	0.00781	0.000142	0.000584	0.000337	0.266	0.0000101	0.00116	0.000382	0.00134	0.00139
2078 Jun	0.000687	0.000219	0.00111	0.0516	0.00000798	6.34	6.12	0.0549	0.00336	17.7	0.00283	0.00784	0.000144	0.000585	0.000339	0.267	0.0000102	0.00116	0.000384	0.00134	0.0014
2078 Jul	0.000689	0.00022	0.00111	0.0517	0.000008	6.36	6.14	0.055	0.00337	17.7	0.00284	0.00786	0.000144	0.000586	0.00034	0.267	0.0000103	0.00116	0.000385	0.00134	0.0014
2078 Aug	0.000689	0.00022	0.00111	0.0518	0.00000801	6.36	6.15	0.0551	0.00338	17.7	0.00284	0.00787	0.000144	0.000587	0.00034	0.268	0.0000103	0.00116	0.000386	0.00134	0.0014
2078 Sep	0.00069	0.00022	0.00111	0.0518	0.00000802	6.37	6.15	0.0552	0.00338	17.7	0.00284	0.00788	0.000145	0.000587	0.000341	0.268	0.0000103	0.00116	0.000386	0.00135	0.00141
2078 Oct	0.000691	0.00022	0.00111	0.0519	0.00000802	6.38	6.16	0.0552	0.00339	17.7	0.00284	0.00789	0.000145	0.000588	0.000341	0.268	0.0000103	0.00117	0.000387	0.00135	0.00141
2078 Nov	0.000691	0.00022	0.00111	0.0519	0.00000802	6.38	6.16	0.0553	0.00339	17.7	0.00284	0.00789	0.000145	0.000588	0.000341	0.268	0.0000103	0.00117	0.000387	0.00135	0.00141
2078 Dec	0.000691	0.00022	0.00111	0.0519	0.00000803	6.38	6.16	0.0553	0.00339	17.7	0.00284	0.00789	0.000145	0.000588	0.000341	0.268	0.0000103	0.00117	0.000387	0.00135	0.00141
2079 Jan	0.000691	0.00022	0.00111	0.0519	0.00000803	6.38	6.16	0.0553	0.00339	17.7	0.00284	0.00789	0.000145	0.000588	0.000341	0.268	0.0000103	0.00117	0.000387	0.00135	0.00141
2079 Feb	0.000691	0.00022	0.00111	0.0519	0.00000803	6.38	6.16	0.0553	0.00339	17.7	0.00284	0.00789	0.000145	0.000588	0.000341	0.268	0.0000103	0.00117	0.000387	0.00135	0.00141
2079 Mar	0.000691	0.00022	0.00111	0.052	0.00000803	6.38	6.16	0.0553	0.00339	17.7	0.00284	0.00789	0.000145	0.000588	0.000341	0.268	0.0000103	0.00117	0.000387	0.00135	0.00141
2079 Apr	0.000691	0.00022	0.00111	0.052	0.00000803	6.38	6.16	0.0553	0.00339	17.7	0.00284	0.00789	0.000145	0.000588	0.000341	0.268	0.0000103	0.00117	0.000387	0.00135	0.00141
2079 May	0.000692	0.000221	0.00112	0.052	0.00000803	6.38	6.16	0.0553	0.0034	17.7	0.00285	0.0079	0.000145	0.000588	0.000342	0.268	0.0000103	0.00117	0.000387	0.00135	0.00141
2079 Jun	0.000694	0.000221	0.00111	0.0524	0.00000806	6.4	6.18	0.0557	0.00343	17.6	0.00284	0.00793	0.000146	0.000589	0.000343	0.269	0.0000104	0.00117	0.000389	0.00135	0.00143
2079 Jul	0.000696	0.000222	0.00111	0.0525	0.00000808	6.41	6.19	0.0558	0.00344	17.5	0.00285	0.00795	0.000147	0.00059	0.000344	0.269	0.0000105	0.00117	0.00039	0.00135	0.00143
2079 Aug	0.000697	0.000222	0.00112	0.0526	0.00000809	6.42	6.2	0.0559	0.00345	17.6	0.00285	0.00796	0.000147	0.000591	0.000345	0.27	0.0000105	0.00117	0.000391	0.00135	0.00143
2079 Sep	0.000698	0.000223	0.00112	0.0528	0.0000081	6.43	6.21	0.0561	0.00346	17.5	0.00285	0.00798	0.000147	0.000592	0.000345	0.27	0.0000106	0.00117	0.000391	0.00135	0.00144
2079 Oct	0.000698	0.000223	0.00112	0.0528	0.00000811	6.44	6.21	0.0561	0.00347	17.5	0.00285	0.00798	0.000148	0.000592	0.000346	0.27	0.0000106	0.00117	0.000392	0.00135	0.00144
2079 Nov	0.000699	0.000223	0.00111	0.0529	0.00000811	6.44	6.21	0.0562	0.00347	17.5	0.00285	0.00799	0.000148	0.000592	0.000346	0.27	0.0000106	0.00117	0.000392	0.00135	0.00144
2079 Dec	0.000699	0.000223	0.00111	0.0529	0.00000811	6.44	6.21	0.0562	0.00348	17.5	0.00285	0.00799	0.000148	0.000592	0.000346	0.271	0.0000106	0.00117	0.000392	0.00135	0.00144
2080 Jan	0.000699	0.000223	0.00111	0.0529	0.00000811	6.44	6.21	0.0562	0.00348	17.5	0.00285	0.00799	0.000148	0.000592	0.000346	0.271	0.0000106	0.00117	0.000392	0.00135	0.00144
2080 Feb	0.000699	0.000223	0.00111	0.0529	0.00000811	6.44	6.21	0.0562	0.00348	17.5	0.00285	0.00799	0.000148	0.000592	0.000346	0.271	0.0000106	0.00117	0.000392	0.00135	0.00144
2080 Mar	0.000699	0.000223	0.00111	0.0529	0.00000811	6.44	6.21	0.0562	0.00348	17.5	0.00285	0.00799	0.000148	0.000592	0.000346	0.271	0.0000106	0.00117	0.000392	0.00135	0.00144
2080 Apr	0.000699	0.000223	0.00111	0.0529	0.00000811	6.44	6.21	0.0562	0.00348	17.5	0.00285	0.00799	0.000148	0.000592	0.000346	0.271	0.0000106	0.00117	0.000392	0.00135	0.00144
2080 May	0.000699	0.000223	0.00112	0.0529	0.00000812	6.45	6.22	0.0562	0.00348	17.5	0.00286	0.00799	0.000148	0.000593	0.000346	0.271	0.0000106	0.00117	0.000392	0.00135	0.00145
2080 Jun	0.000701	0.000223	0.00111	0.0531	0.00000813	6.46	6.23	0.0564	0.0035	17.4	0.00285	0.00801	0.000148	0.000593	0.000347	0.271	0.0000107	0.00117	0.000393	0.00136	0.00145
2080 Jul	0.000703	0.000224	0.00112	0.0533	0.00000815	6.47	6.24	0.0566	0.00352	17.4	0.00286	0.00803	0.000149	0.000594	0.000348	0.272	0.0000107	0.00117	0.000394	0.00136	0.00146
2080 Aug	0.000704	0.000224	0.00112	0.0534	0.00000817	6.48	6.25	0.0567	0.00353	17.4	0.00286	0.00805	0.000149	0.000595	0.000349	0.272	0.0000108	0.00118	0.000395	0.00136	0.00146
2080 Sep	0.000705	0.000224	0.00112	0.0535	0.00000818	6.49	6.25	0.0568	0.00354	17.4	0.00286	0.00806	0.000149	0.000596	0.000349	0.272	0.0000108	0.00118	0.000396	0.00136	0.00147
2080 Oct	0.000705	0.000225	0.00112	0.0536	0.00000819	6.49	6.26	0.0569	0.00355	17.3	0.00286	0.00807	0.00015	0.000596	0.00035	0.272	0.0000108	0.00118	0.000396	0.00136	0.00147
2080 Nov	0.000706	0.000225	0.00112	0.0536	0.00000819	6.5	6.26	0.0569	0.00355	17.3	0.00286	0.00807	0.00015	0.000596	0.00035	0.273	0.0000108	0.00118	0.000396	0.00136	0.00147
2080 Dec	0.000706	0.000225	0.00112	0.0536	0.00000819	6.5	6.26	0.0569	0.00355	17.3	0.00286	0.00807	0.00015	0.000596	0.00035	0.273	0.0000108	0.00118	0.000396	0.00136	0.00147
2081 Jan	0.000706	0.000225	0.00112	0.0536	0.00000819	6.5	6.26	0.0569	0.00355	17.3	0.00286	0.00808	0.00015	0.000596	0.00035	0.273	0.0000108	0.00118	0.000396	0.00136	0.00147
2081 Feb	0.000706	0.000225	0.00112	0.0536	0.00000819	6.5	6.26	0.0569	0.00355	17.3	0.00286	0.00808	0.00015	0.000596	0.00035	0.273	0.0000108	0.00118	0.000396	0.00136	0.00147
2081 Mar	0.000706	0.000225	0.00112	0.0536	0.00000819	6.5	6.26	0.0569	0.00355	17.3	0.00286	0.00808	0.00015	0.000596	0.00035	0.273	0.0000108	0.00118	0.000396	0.00136	0.00147
2081 Apr	0.000706	0.000225	0.00112	0.0536	0.00000819	6.5	6.26	0.0569	0.00355	17.3	0.00286	0.00808	0.00015	0.000596	0.00035	0.273	0.0000108	0.00118	0.000396	0.00136	0.00147
2081 May	0.000707	0.000225	0.00112	0.0537	0.0000082	6.51	6.27	0.0571	0.00356	17.3	0.00286	0.00809	0.00015	0.000597	0.000351	0.273	0.0000109	0.00118	0.000397	0.00136	0.00148
2081 Jun	0.000708	0.000225	0.00111	0.054	0.00000822	6.52	6.28	0.0573	0.00358	17.2	0.00286	0.00811	0.000151	0.000597	0.000352	0.273	0.000011	0.00118	0.000398	0.00136	0.00149
2081 Jul	0.00071	0.000226	0.00112	0.0541	0.00000824	6.53	6.29	0.0574	0.0036	17.3	0.00287	0.00813	0.000151	0.000599	0.000353	0.274	0.000011	0.00118	0.000399	0.00137	0.00149
2081 Aug	0.000712	0.000227	0.00112	0.0543	0.00000826	6.55	6.31	0.0576	0.0036	17.3	0.00288	0.00815	0.000152	0.0006	0.000353	0.275	0.000011	0.00118	0.0004	0.00137	0.00149
2081 Sep	0.000712	0.000227	0.00112	0.0543	0.00000826	6.55	6.31	0.0576	0.0036	17.3	0.00288	0.00815	0.000152	0.0006	0.000353	0.275	0.000011	0.00118	0.0004	0.00137	0.00149
2081 Oct	0.000712	0.000227	0.00112	0.0543	0.00000826	6.55	6.31	0.0576	0.0036	17.3	0.00288	0.00815	0.000152	0.0006	0.000353	0.275	0.000011	0.00118	0.0004	0.00137	0.00149
2081 Nov	0.000711	0.000227	0.00112	0.0542	0.00000826	6.55	6.31	0.0575	0.0036	17.3	0.00287	0.00815	0.000152	0.0006	0.000353	0.274	0.000011	0.00118	0.0004	0.00137	0.00149
2081 Dec	0.000711	0.000227	0.00112	0.0542	0.00000826	6.55	6.31	0.0576	0.0036	17.3	0.00287	0.00815	0.000152	0.0006	0.000353	0.274	0.000011	0.00118	0.0004	0.00137	0.00149
2082 Jan	0.000711	0.000227	0.00112	0.0542	0.00000826	6.55	6.31	0.0576	0.0036	17.3	0.00287	0.00815	0.000152	0.0006	0.000353	0.274	0.000011	0.00118	0.0004	0.00137	0.00149
2082 Feb	0.000711	0.000227	0.00112	0.0542	0.00000826	6.55	6.31	0.0576	0.0036	17.3	0.00287	0.00815	0.000152	0.0006	0.000353	0.274	0.000011	0.00118	0.0004	0.00137	0.00149
2082 Mar	0.000711	0.000227	0.00112	0.0543	0.00000826	6.55	6.31	0.0576	0.0036	17.3	0.00287	0.00815	0.000152	0.0006	0.000353	0.274	0.000011	0.00118	0.0004	0.00137	0.00149

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2082 Apr	0.000712	0.000227	0.00112	0.0543	0.00000826	6.55	6.31	0.0576	0.0036	17.3	0.00288	0.00815	0.000152	0.0006	0.000353	0.274	0.000011	0.00118	0.0004	0.00137	0.00149
2082 May	0.000712	0.000227	0.00112	0.0543	0.00000827	6.55	6.31	0.0576	0.00361	17.3	0.00288	0.00816	0.000152	0.0006	0.000354	0.275	0.000011	0.00118	0.0004	0.00137	0.0015
2082 Jun	0.000714	0.000227	0.00112	0.0546	0.00000829	6.57	6.32	0.0579	0.00364	17.2	0.00287	0.00819	0.000152	0.000601	0.000355	0.275	0.0000111	0.00118	0.000402	0.00137	0.00151
2082 Jul	0.000716	0.000228	0.00112	0.0548	0.00000832	6.58	6.33	0.0581	0.00367	17.1	0.00287	0.00822	0.000153	0.000602	0.000356	0.276	0.0000112	0.00118	0.000403	0.00137	0.00152
2082 Aug	0.000717	0.000228	0.00112	0.0549	0.00000833	6.59	6.34	0.0582	0.00367	17.1	0.00288	0.00824	0.000153	0.000603	0.000357	0.276	0.0000113	0.00119	0.000404	0.00138	0.00152
2082 Sep	0.000718	0.000228	0.00112	0.0549	0.00000833	6.6	6.35	0.0582	0.00368	17.1	0.00288	0.00824	0.000153	0.000603	0.000357	0.276	0.0000113	0.00119	0.000404	0.00138	0.00152
2082 Oct	0.000718	0.000228	0.00112	0.055	0.00000834	6.6	6.35	0.0583	0.00368	17.1	0.00288	0.00824	0.000153	0.000603	0.000357	0.276	0.0000113	0.00119	0.000404	0.00138	0.00152
2082 Nov	0.000718	0.000228	0.00112	0.055	0.00000834	6.6	6.35	0.0583	0.00369	17.1	0.00288	0.00825	0.000153	0.000603	0.000357	0.276	0.0000113	0.00119	0.000404	0.00138	0.00153
2082 Dec	0.000718	0.000228	0.00112	0.055	0.00000834	6.6	6.35	0.0583	0.00369	17.1	0.00288	0.00825	0.000153	0.000603	0.000357	0.276	0.0000113	0.00119	0.000404	0.00138	0.00153
2083 Jan	0.000718	0.000228	0.00112	0.055	0.00000834	6.6	6.35	0.0583	0.00369	17.1	0.00288	0.00825	0.000153	0.000603	0.000357	0.276	0.0000113	0.00119	0.000404	0.00138	0.00153
2083 Feb	0.000718	0.000228	0.00112	0.055	0.00000834	6.6	6.35	0.0583	0.00369	17.1	0.00288	0.00825	0.000153	0.000603	0.000357	0.276	0.0000113	0.00119	0.000404	0.00138	0.00153
2083 Mar	0.000718	0.000228	0.00112	0.055	0.00000834	6.6	6.35	0.0583	0.00369	17.1	0.00288	0.00825	0.000153	0.000603	0.000357	0.276	0.0000113	0.00119	0.000404	0.00138	0.00153
2083 Apr	0.000718	0.000228	0.00112	0.055	0.00000834	6.6	6.35	0.0583	0.00369	17.1	0.00288	0.00825	0.000153	0.000603	0.000358	0.276	0.0000113	0.00119	0.000404	0.00138	0.00153
2083 May	0.000719	0.000228	0.00112	0.0551	0.00000835	6.61	6.36	0.0584	0.0037	17.1	0.00288	0.00826	0.000154	0.000604	0.000358	0.276	0.0000113	0.00119	0.000405	0.00138	0.00153
2083 Jun	0.000721	0.000229	0.00112	0.0554	0.00000837	6.62	6.36	0.0587	0.00373	16.9	0.00288	0.00829	0.000155	0.000604	0.000359	0.277	0.0000114	0.00118	0.000406	0.00138	0.00154
2083 Jul	0.000722	0.000229	0.00112	0.0556	0.00000839	6.63	6.37	0.0589	0.00375	16.9	0.00288	0.00831	0.000155	0.000605	0.00036	0.277	0.0000115	0.00119	0.000407	0.00138	0.00155
2083 Aug	0.000723	0.00023	0.00112	0.0557	0.0000084	6.64	6.38	0.059	0.00376	16.9	0.00288	0.00833	0.000155	0.000606	0.000361	0.278	0.0000115	0.00119	0.000408	0.00138	0.00155
2083 Sep	0.000724	0.00023	0.00112	0.0558	0.00000841	6.65	6.39	0.0591	0.00377	16.9	0.00288	0.00834	0.000155	0.000606	0.000362	0.278	0.0000116	0.00119	0.000408	0.00138	0.00156
2083 Oct	0.000725	0.00023	0.00112	0.0559	0.00000842	6.65	6.39	0.0592	0.00378	16.8	0.00288	0.00835	0.000156	0.000606	0.000362	0.278	0.0000116	0.00119	0.000409	0.00138	0.00156
2083 Nov	0.000725	0.00023	0.00112	0.0559	0.00000842	6.65	6.39	0.0592	0.00379	16.8	0.00288	0.00836	0.000156	0.000606	0.000362	0.278	0.0000116	0.00119	0.000409	0.00138	0.00156
2083 Dec	0.000725	0.00023	0.00112	0.0559	0.00000842	6.65	6.39	0.0592	0.00379	16.8	0.00288	0.00836	0.000156	0.000606	0.000362	0.278	0.0000116	0.00119	0.000409	0.00138	0.00156
2084 Jan	0.000725	0.00023	0.00112	0.0559	0.00000842	6.65	6.39	0.0592	0.00379	16.8	0.00288	0.00836	0.000156	0.000606	0.000362	0.278	0.0000116	0.00119	0.000409	0.00138	0.00156
2084 Feb	0.000725	0.00023	0.00112	0.0559	0.00000842	6.65	6.39	0.0592	0.00379	16.8	0.00288	0.00836	0.000156	0.000606	0.000362	0.278	0.0000116	0.00119	0.000409	0.00138	0.00156
2084 Mar	0.000725	0.00023	0.00112	0.0559	0.00000842	6.65	6.39	0.0592	0.00379	16.8	0.00288	0.00836	0.000156	0.000606	0.000362	0.278	0.0000116	0.00119	0.000409	0.00138	0.00156
2084 Apr	0.000725	0.00023	0.00112	0.0559	0.00000842	6.65	6.39	0.0592	0.00379	16.8	0.00288	0.00836	0.000156	0.000606	0.000362	0.278	0.0000116	0.00119	0.000409	0.00138	0.00156
2084 May	0.000726	0.000231	0.00112	0.0561	0.00000843	6.66	6.4	0.0593	0.0038	16.8	0.00288	0.00837	0.000156	0.000606	0.000363	0.278	0.0000117	0.00119	0.000409	0.00139	0.00157
2084 Jun	0.000726	0.000231	0.00111	0.0563	0.00000844	6.66	6.4	0.0595	0.00382	16.7	0.00287	0.00839	0.000157	0.000606	0.000363	0.278	0.0000117	0.00118	0.00041	0.00138	0.00158
2084 Jul	0.000728	0.000231	0.00112	0.0564	0.00000846	6.67	6.41	0.0596	0.00383	16.7	0.00288	0.00841	0.000157	0.000607	0.000364	0.278	0.0000118	0.00119	0.000411	0.00139	0.00158
2084 Aug	0.000729	0.000232	0.00112	0.0565	0.00000847	6.68	6.42	0.0597	0.00384	16.7	0.00288	0.00842	0.000158	0.000608	0.000365	0.279	0.0000118	0.00119	0.000412	0.00139	0.00158
2084 Sep	0.000729	0.000232	0.00112	0.0566	0.00000848	6.69	6.42	0.0598	0.00384	16.7	0.00288	0.00843	0.000158	0.000608	0.000365	0.279	0.0000118	0.00119	0.000412	0.00139	0.00159
2084 Oct	0.00073	0.000232	0.00112	0.0567	0.00000848	6.69	6.42	0.0598	0.00385	16.7	0.00288	0.00844	0.000158	0.000608	0.000365	0.279	0.0000119	0.00119	0.000412	0.00139	0.00159
2084 Nov	0.00073	0.000232	0.00112	0.0567	0.00000848	6.69	6.42	0.0599	0.00385	16.7	0.00288	0.00844	0.000158	0.000608	0.000365	0.279	0.0000119	0.00119	0.000412	0.00139	0.00159
2084 Dec	0.00073	0.000232	0.00112	0.0567	0.00000848	6.69	6.42	0.0599	0.00385	16.7	0.00288	0.00844	0.000158	0.000608	0.000365	0.279	0.0000119	0.00119	0.000413	0.00139	0.00159
2085 Jan	0.00073	0.000232	0.00112	0.0567	0.00000848	6.69	6.42	0.0599	0.00385	16.7	0.00288	0.00844	0.000158	0.000608	0.000365	0.279	0.0000119	0.00119	0.000413	0.00139	0.00159
2085 Feb	0.00073	0.000232	0.00112	0.0567	0.00000848	6.69	6.42	0.0599	0.00385	16.7	0.00288	0.00844	0.000158	0.000608	0.000365	0.279	0.0000119	0.00119	0.000413	0.00139	0.00159
2085 Mar	0.00073	0.000232	0.00112	0.0567	0.00000848	6.69	6.42	0.0599	0.00385	16.7	0.00288	0.00844	0.000158	0.000608	0.000365	0.279	0.0000119	0.00119	0.000413	0.00139	0.00159
2085 Apr	0.00073	0.000232	0.00112	0.0567	0.00000848	6.69	6.42	0.0599	0.00386	16.7	0.00288	0.00844	0.000158	0.000608	0.000365	0.279	0.0000119	0.00119	0.000413	0.00139	0.00159
2085 May	0.000731	0.000232	0.00112	0.0568	0.00000849	6.7	6.43	0.06	0.00386	16.6	0.00288	0.00845	0.000158	0.000608	0.000366	0.279	0.0000119	0.00119	0.000413	0.00139	0.00159
2085 Jun	0.000731	0.000233	0.00111	0.057	0.0000085	6.7	6.43	0.0601	0.00388	16.6	0.00288	0.00847	0.000159	0.000608	0.000366	0.279	0.0000119	0.00119	0.000414	0.00139	0.0016
2085 Jul	0.000733	0.000233	0.00112	0.0571	0.00000852	6.71	6.45	0.0602	0.00389	16.6	0.00288	0.00848	0.000159	0.000609	0.000367	0.28	0.000012	0.00119	0.000415	0.00139	0.0016
2085 Aug	0.000734	0.000233	0.00112	0.0572	0.00000853	6.72	6.45	0.0604	0.0039	16.6	0.00288	0.0085	0.00016	0.00061	0.000368	0.28	0.000012	0.00119	0.000416	0.00139	0.00161
2085 Sep	0.000735	0.000234	0.00112	0.0574	0.00000854	6.73	6.46	0.0605	0.00391	16.5	0.00288	0.00851	0.00016	0.00061	0.000368	0.28	0.0000121	0.00119	0.000416	0.0014	0.00161
2085 Oct	0.000735	0.000234	0.00112	0.0574	0.00000854	6.73	6.46	0.0605	0.00392	16.5	0.00288	0.00852	0.00016	0.00061	0.000369	0.28	0.0000121	0.00119	0.000416	0.00139	0.00162
2085 Nov	0.000735	0.000234	0.00111	0.0575	0.00000854	6.73	6.46	0.0606	0.00392	16.5	0.00288	0.00852	0.00016	0.000609	0.000369	0.28	0.0000121	0.00119	0.000416	0.00139	0.00162
2085 Dec	0.000735	0.000234	0.00111	0.0575	0.00000854	6.73	6.46	0.0606	0.00392	16.5	0.00288	0.00852	0.00016	0.00061	0.000369	0.28	0.0000121	0.00119	0.000416	0.00139	0.00162
2086 Jan	0.000735	0.000234	0.00111	0.0575	0.00000854	6.73	6.46	0.0606	0.00392	16.5	0.00288	0.00852	0.00016	0.00061	0.000369	0.28	0.0000121	0.00119	0.000416	0.00139	0.00162
2086 Feb	0.000735	0.000234	0.00111	0.0575	0.00000854	6.73	6.46	0.0606	0.00392	16.5	0.00288	0.00852	0.00016	0.00061	0.000369	0.28	0.0000121	0.00119	0.000416	0.00139	0.00162
2086 Mar	0.000735	0.000234	0.00111	0.0575	0.00000854	6.73	6.46	0.0606	0.00392	16.5	0.00288	0.00852	0.00016	0.00061	0.000369	0.28	0.0000121	0.00119	0.000416	0.00139	0.00162
2086 Apr	0.000735	0.000234	0.00111	0.0575	0.00000854	6.73	6.46	0.0606	0.00393	16.5	0.00288	0.00852	0.00016	0.00061	0.000369	0.28	0.0000121	0.00119	0.000416	0.00139	0.00162
2086 May	0.000736	0.000234	0.00112	0.0575	0.00000855	6.74	6.46	0.0606	0.00393	16.5	0.00288	0.00853	0.00016	0.00061	0.000369	0.281	0.0000121	0.00119	0.000417	0.0014	0.00162
2086 Jun	0.000736	0.000234	0.00111	0.0578	0.00000856	6.74	6.46	0.0608	0.00395	16.4	0.00288	0.00855	0.000161	0.000609	0.00037	0.28	0.0000122	0.00119	0.000418	0.00139	0.00163
2086 Jul	0.000738	0.000235	0.00111	0.058	0.00000858	6.75	6.47	0.061	0.00396	16.4	0.00288	0.00857	0.000162	0.00061	0.000371	0.281	0.0000122	0.00119	0.000419	0.0014	0.00164
2086 Aug	0.000739	0.000235	0.00112	0.0581	0.00000859	6.76	6.48	0.0611	0.00397	16.4	0.00288	0.00858	0.000162	0.000611	0.000371	0.281	0.0000123	0.00119	0.00042	0.0014	0.00164
2086 Sep	0.00074	0.000235	0.00111	0.0582	0.0000086	6.76	6.49	0.0612	0.00398	16.3	0.00288	0.00859	0.000162	0.000611	0.000372	0.281	0.0000123	0.00119	0.00042	0.0014	0.00165
2086 Oct	0.00074	0.000236	0.00111	0.0582	0.0000086	6.77	6.49	0.0612	0.00399	16.3	0.00288	0.0086	0.000163	0.000611	0.000372	0.282	0.0000123	0.00119	0.00042	0.0014	0.00165
2086 Nov	0.00074	0.000236	0.00111	0.0582	0.0000086	6.77	6.49	0.0612	0.00399	16.3	0.00288	0.0086	0.000163	0.000612	0.000372	0.282	0.0000123	0.00119	0.00042	0.0014	0.00165
2086 Dec	0.00074	0.000236	0.00111	0.0582	0.0000086	6.77	6.49	0.0612	0.00399	16.3	0.00288	0.0086	0.000163	0.000612	0.000372	0.282	0.0000123	0.00119	0.00042	0.0014	0.00165
2087 Jan	0.00074	0.000236	0.00111	0.0582	0.0000086	6.77	6.49	0.0612	0.00399	16.3	0.00288	0.0086	0.000163	0.000612	0.000372	0.282	0.0000123	0.00119	0.00042	0.0014	0.00165
2087 Feb	0.00074	0.000236	0.00111	0.0582	0.0000086	6.77	6.49	0.0612	0.00399	16.3	0.00288	0.0086	0.000163	0.000612	0.000372	0.282	0.0000123	0.00119	0.00042	0.0014	0.00165
2087 Mar	0.00074	0.000236	0.00111	0.0582	0.0000086	6.77	6.49	0.0612	0.00399	16.3	0.00288	0.0086	0.000163	0.000612	0.000372	0.282	0.0000123	0.00119	0.00042	0.0014	0.00165
2087 Apr	0.00074	0.000236	0.00111	0.0582	0.0000086	6.77	6.49	0.0612	0.00399	16.3	0.00288	0.0086	0.000163	0.000612	0.000372	0.282	0.0000123	0.00119	0.00042	0.0014	0.00165
2087 May	0.00074	0.000236	0.00112	0.0583	0.00000861	6.77	6.49	0.0613	0.00399	16.3	0.00288	0.00861	0.000163	0.000612	0.000372	0.282	0.0000123	0.00119	0.000421	0.0014	0.00165
2087 Jun	0.000741	0.000236	0.00111	0.0585	0.00000862	6.77	6.5	0.0614	0.00401	16.2	0.00288	0.00862	0.000164	0.000612	0.000373	0.282	0.0000124	0.00119	0.000422	0.0014	0.00166
2087 Jul	0.000742	0.000236	0.00111	0.0586	0.00000863	6.78	6.51	0.0615	0.00401	16.3	0.00288	0.00863	0.000164	0.000612	0.000373	0.282	0.0000124	0.00119	0.000422	0.0014	0.00166
2087 Aug	0.000743	0.000237	0.00112	0.0587	0.00000864	6.8	6.52	0.0616	0.00402	16.3	0.00289	0.00865	0.000164	0.000613	0.000374	0.283	0.0000124	0.00119	0.000423	0.0014	0.00167

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2087 Sep	0.000744	0.000237	0.00112	0.0588	0.00000865	6.8	6.52	0.0617	0.00403	16.3	0.00289	0.00866	0.000164	0.000614	0.000374	0.283	0.0000124	0.00119	0.000423	0.00141	0.00167
2087 Oct	0.000744	0.000237	0.00112	0.0588	0.00000866	6.8	6.52	0.0617	0.00403	16.3	0.00289	0.00866	0.000164	0.000614	0.000374	0.283	0.0000125	0.00119	0.000423	0.00141	0.00167
2087 Nov	0.000744	0.000237	0.00112	0.0588	0.00000866	6.8	6.52	0.0618	0.00403	16.3	0.00289	0.00867	0.000164	0.000614	0.000375	0.283	0.0000125	0.00119	0.000424	0.00141	0.00167
2087 Dec	0.000744	0.000237	0.00112	0.0588	0.00000866	6.8	6.52	0.0618	0.00403	16.3	0.00289	0.00867	0.000164	0.000614	0.000375	0.283	0.0000125	0.00119	0.000424	0.00141	0.00167
2088 Jan	0.000744	0.000237	0.00112	0.0588	0.00000866	6.8	6.53	0.0618	0.00403	16.3	0.00289	0.00867	0.000164	0.000614	0.000375	0.283	0.0000125	0.00119	0.000424	0.00141	0.00167
2088 Feb	0.000744	0.000237	0.00112	0.0588	0.00000866	6.8	6.53	0.0618	0.00403	16.3	0.00289	0.00867	0.000164	0.000614	0.000375	0.283	0.0000125	0.00119	0.000424	0.00141	0.00167
2088 Mar	0.000744	0.000237	0.00112	0.0588	0.00000866	6.81	6.53	0.0618	0.00403	16.3	0.00289	0.00867	0.000164	0.000614	0.000375	0.283	0.0000125	0.00119	0.000424	0.00141	0.00167
2088 Apr	0.000745	0.000237	0.00112	0.0589	0.00000866	6.81	6.53	0.0618	0.00404	16.3	0.00289	0.00867	0.000164	0.000614	0.000375	0.283	0.0000125	0.00119	0.000424	0.00141	0.00167
2088 May	0.000745	0.000238	0.00112	0.0589	0.00000867	6.81	6.53	0.0618	0.00404	16.3	0.0029	0.00868	0.000165	0.000615	0.000375	0.283	0.0000125	0.00119	0.000424	0.00141	0.00167
2088 Jun	0.000746	0.000238	0.00112	0.0591	0.00000868	6.82	6.53	0.0619	0.00405	16.2	0.00289	0.00869	0.000165	0.000615	0.000375	0.283	0.0000125	0.00119	0.000425	0.00141	0.00168
2088 Jul	0.000748	0.000238	0.00112	0.0592	0.0000087	6.83	6.55	0.0621	0.00406	16.3	0.0029	0.00871	0.000165	0.000616	0.000376	0.284	0.0000126	0.0012	0.000426	0.00141	0.00169
2088 Aug	0.00075	0.000239	0.00112	0.0594	0.00000872	6.85	6.57	0.0623	0.00407	16.3	0.00291	0.00874	0.000166	0.000618	0.000377	0.285	0.0000126	0.0012	0.000427	0.00142	0.00169
2088 Sep	0.00075	0.000239	0.00112	0.0594	0.00000873	6.85	6.57	0.0623	0.00408	16.3	0.00291	0.00874	0.000166	0.000618	0.000378	0.285	0.0000126	0.0012	0.000427	0.00142	0.00169
2088 Oct	0.000749	0.000239	0.00112	0.0594	0.00000872	6.85	6.56	0.0623	0.00408	16.3	0.0029	0.00874	0.000166	0.000617	0.000377	0.285	0.0000126	0.0012	0.000427	0.00141	0.00169
2088 Nov	0.00075	0.000239	0.00112	0.0594	0.00000872	6.85	6.56	0.0623	0.00408	16.3	0.0029	0.00874	0.000166	0.000617	0.000377	0.285	0.0000126	0.0012	0.000427	0.00141	0.00169
2088 Dec	0.00075	0.000239	0.00112	0.0594	0.00000872	6.85	6.56	0.0623	0.00408	16.3	0.0029	0.00874	0.000166	0.000617	0.000377	0.285	0.0000126	0.0012	0.000427	0.00141	0.00169
2089 Jan	0.00075	0.000239	0.00112	0.0594	0.00000872	6.85	6.56	0.0623	0.00408	16.3	0.0029	0.00874	0.000166	0.000617	0.000377	0.285	0.0000126	0.0012	0.000427	0.00141	0.00169
2089 Feb	0.00075	0.000239	0.00112	0.0594	0.00000872	6.85	6.56	0.0623	0.00408	16.3	0.0029	0.00874	0.000166	0.000617	0.000377	0.285	0.0000126	0.0012	0.000427	0.00141	0.00169
2089 Mar	0.00075	0.000239	0.00112	0.0594	0.00000872	6.85	6.57	0.0623	0.00408	16.3	0.0029	0.00874	0.000166	0.000617	0.000377	0.285	0.0000126	0.0012	0.000427	0.00141	0.00169
2089 Apr	0.00075	0.000239	0.00112	0.0594	0.00000872	6.85	6.57	0.0623	0.00408	16.3	0.0029	0.00874	0.000166	0.000618	0.000378	0.285	0.0000126	0.0012	0.000427	0.00142	0.00169
2089 May	0.000751	0.000239	0.00112	0.0595	0.00000873	6.86	6.57	0.0624	0.00409	16.3	0.00291	0.00875	0.000166	0.000618	0.000378	0.285	0.0000126	0.0012	0.000428	0.00142	0.0017
2089 Jun	0.000752	0.00024	0.00112	0.0598	0.00000875	6.87	6.58	0.0626	0.00411	16.2	0.0029	0.00878	0.000167	0.000618	0.000379	0.285	0.0000127	0.0012	0.000429	0.00142	0.00171
2089 Jul	0.000753	0.00024	0.00112	0.0599	0.00000877	6.88	6.59	0.0627	0.00412	16.2	0.00291	0.00879	0.000168	0.000619	0.00038	0.286	0.0000127	0.0012	0.00043	0.00142	0.00171
2089 Aug	0.000755	0.000241	0.00113	0.0601	0.00000878	6.89	6.6	0.0629	0.00413	16.3	0.00291	0.00881	0.000168	0.00062	0.00038	0.286	0.0000128	0.0012	0.000431	0.00142	0.00171
2089 Sep	0.000755	0.000241	0.00113	0.0601	0.00000879	6.9	6.61	0.0629	0.00413	16.3	0.00292	0.00882	0.000168	0.000621	0.000381	0.286	0.0000128	0.0012	0.000431	0.00142	0.00172
2089 Oct	0.000756	0.000241	0.00112	0.0603	0.0000088	6.9	6.61	0.0631	0.00415	16.2	0.00291	0.00884	0.000168	0.000621	0.000381	0.286	0.0000129	0.0012	0.000431	0.00142	0.00173
2089 Nov	0.000756	0.000241	0.00112	0.0603	0.0000088	6.9	6.61	0.0631	0.00415	16.2	0.00291	0.00884	0.000168	0.000621	0.000381	0.287	0.0000129	0.0012	0.000432	0.00142	0.00173
2089 Dec	0.000756	0.000241	0.00112	0.0603	0.0000088	6.9	6.61	0.0631	0.00415	16.2	0.00291	0.00884	0.000168	0.000621	0.000382	0.287	0.0000129	0.0012	0.000432	0.00142	0.00173
2090 Jan	0.000756	0.000241	0.00112	0.0603	0.0000088	6.9	6.61	0.0631	0.00415	16.2	0.00291	0.00884	0.000168	0.000621	0.000382	0.287	0.0000129	0.0012	0.000432	0.00142	0.00173
2090 Feb	0.000756	0.000241	0.00112	0.0603	0.0000088	6.9	6.61	0.0631	0.00415	16.2	0.00291	0.00884	0.000168	0.000621	0.000382	0.287	0.0000129	0.0012	0.000432	0.00142	0.00173
2090 Mar	0.000756	0.000241	0.00112	0.0603	0.0000088	6.9	6.61	0.0631	0.00415	16.2	0.00291	0.00884	0.000168	0.000621	0.000382	0.287	0.0000129	0.0012	0.000432	0.00142	0.00173
2090 Apr	0.000756	0.000241	0.00113	0.0603	0.0000088	6.9	6.62	0.0631	0.00415	16.2	0.00291	0.00884	0.000169	0.000621	0.000382	0.287	0.0000129	0.0012	0.000432	0.00142	0.00173
2090 May	0.000757	0.000242	0.00113	0.0603	0.00000881	6.91	6.62	0.0631	0.00416	16.2	0.00291	0.00885	0.000169	0.000621	0.000382	0.287	0.0000129	0.0012	0.000432	0.00142	0.00173
2090 Jun	0.000758	0.000242	0.00112	0.0607	0.00000883	6.92	6.63	0.0634	0.00419	16.1	0.00291	0.00888	0.00017	0.000621	0.000383	0.287	0.000013	0.0012	0.000434	0.00143	0.00175
2090 Jul	0.00076	0.000243	0.00112	0.0609	0.00000884	6.93	6.64	0.0636	0.0042	16.1	0.00291	0.0089	0.00017	0.000622	0.000384	0.287	0.000013	0.0012	0.000435	0.00143	0.00175
2090 Aug	0.000761	0.000243	0.00112	0.061	0.00000886	6.94	6.64	0.0637	0.00422	16	0.00291	0.00892	0.000171	0.000622	0.000385	0.288	0.0000131	0.0012	0.000435	0.00143	0.00176
2090 Sep	0.000761	0.000243	0.00112	0.0611	0.00000886	6.94	6.65	0.0638	0.00423	16	0.00291	0.00893	0.000171	0.000622	0.000385	0.288	0.0000131	0.0012	0.000436	0.00143	0.00177
2090 Oct	0.000761	0.000243	0.00112	0.0612	0.00000886	6.94	6.64	0.0639	0.00425	15.9	0.00291	0.00894	0.000171	0.000621	0.000385	0.287	0.0000132	0.0012	0.000436	0.00143	0.00178
2090 Nov	0.000761	0.000243	0.00112	0.0612	0.00000886	6.94	6.64	0.0639	0.00425	15.9	0.0029	0.00894	0.000171	0.000621	0.000385	0.287	0.0000132	0.0012	0.000436	0.00143	0.00178
2090 Dec	0.000761	0.000243	0.00112	0.0613	0.00000886	6.94	6.64	0.0639	0.00425	15.9	0.0029	0.00894	0.000171	0.000621	0.000385	0.287	0.0000132	0.0012	0.000436	0.00143	0.00178
2091 Jan	0.000761	0.000243	0.00112	0.0613	0.00000886	6.94	6.64	0.0639	0.00425	15.9	0.0029	0.00894	0.000171	0.000621	0.000385	0.287	0.0000132	0.0012	0.000436	0.00143	0.00178
2091 Feb	0.000761	0.000243	0.00112	0.0613	0.00000886	6.94	6.64	0.0639	0.00425	15.9	0.0029	0.00894	0.000171	0.000621	0.000385	0.287	0.0000132	0.0012	0.000436	0.00143	0.00178
2091 Mar	0.000761	0.000243	0.00112	0.0613	0.00000887	6.94	6.64	0.0639	0.00425	15.9	0.0029	0.00894	0.000171	0.000621	0.000385	0.287	0.0000132	0.0012	0.000436	0.00143	0.00178
2091 Apr	0.000762	0.000243	0.00112	0.0613	0.00000887	6.94	6.64	0.0639	0.00425	15.9	0.0029	0.00894	0.000171	0.000621	0.000386	0.287	0.0000132	0.0012	0.000436	0.00143	0.00178
2091 May	0.000762	0.000244	0.00112	0.0614	0.00000888	6.95	6.65	0.064	0.00426	15.9	0.00291	0.00895	0.000172	0.000622	0.000386	0.288	0.0000132	0.0012	0.000436	0.00143	0.00178
2091 Jun	0.000762	0.000244	0.00112	0.0616	0.00000888	6.94	6.65	0.0641	0.00427	15.8	0.0029	0.00897	0.000172	0.000621	0.000386	0.287	0.0000133	0.0012	0.000437	0.00143	0.00179
2091 Jul	0.000764	0.000244	0.00112	0.0617	0.0000089	6.96	6.66	0.0643	0.00428	15.8	0.00291	0.00899	0.000173	0.000622	0.000387	0.288	0.0000133	0.0012	0.000438	0.00143	0.0018
2091 Aug	0.000765	0.000245	0.00112	0.0618	0.00000891	6.96	6.67	0.0644	0.00429	15.8	0.00291	0.009	0.000173	0.000623	0.000387	0.288	0.0000133	0.0012	0.000439	0.00143	0.0018
2091 Sep	0.000765	0.000245	0.00112	0.0619	0.00000892	6.97	6.67	0.0645	0.0043	15.8	0.00291	0.00901	0.000173	0.000623	0.000388	0.288	0.0000134	0.0012	0.000439	0.00143	0.0018
2091 Oct	0.000765	0.000245	0.00112	0.062	0.00000892	6.97	6.67	0.0645	0.00431	15.7	0.0029	0.00901	0.000173	0.000622	0.000388	0.288	0.0000134	0.0012	0.000439	0.00143	0.00181
2091 Nov	0.000765	0.000245	0.00112	0.062	0.00000891	6.96	6.66	0.0645	0.00431	15.7	0.0029	0.00902	0.000173	0.000622	0.000388	0.288	0.0000134	0.0012	0.000439	0.00143	0.00181
2091 Dec	0.000765	0.000245	0.00112	0.062	0.00000891	6.96	6.66	0.0645	0.00431	15.7	0.0029	0.00902	0.000173	0.000622	0.000388	0.288	0.0000134	0.0012	0.000439	0.00143	0.00181
2092 Jan	0.000765	0.000245	0.00112	0.062	0.00000891	6.96	6.66	0.0645	0.00431	15.7	0.0029	0.00902	0.000173	0.000622	0.000388	0.288	0.0000134	0.0012	0.000439	0.00143	0.00181
2092 Feb	0.000765	0.000245	0.00112	0.062	0.00000891	6.96	6.67	0.0645	0.00431	15.7	0.0029	0.00902	0.000173	0.000622	0.000388	0.288	0.0000134	0.0012	0.000439	0.00143	0.00181
2092 Mar	0.000765	0.000245	0.00112	0.062	0.00000892	6.97	6.67	0.0645	0.00431	15.7	0.0029	0.00902	0.000173	0.000622	0.000388	0.288	0.0000134	0.0012	0.000439	0.00143	0.00181
2092 Apr	0.000765	0.000245	0.00112	0.062	0.00000892	6.97	6.67	0.0645	0.00431	15.7	0.0029	0.00902	0.000173	0.000622	0.000388	0.288	0.0000134	0.0012	0.000439	0.00143	0.00181
2092 May	0.000766	0.000245	0.00112	0.0621	0.00000893	6.97	6.67	0.0646	0.00432	15.7	0.0029	0.00903	0.000174	0.000622	0.000388	0.288	0.0000134	0.0012	0.000439	0.00143	0.00181
2092 Jun	0.000765	0.000245	0.00111	0.0624	0.00000892	6.96	6.66	0.0647	0.00434	15.5	0.00289	0.00904	0.000175	0.00062	0.000388	0.288	0.0000135	0.00119	0.00044	0.00143	0.00183
2092 Jul	0.000765	0.000246	0.00111	0.0625	0.00000893	6.96	6.66	0.0648	0.00435	15.5	0.00289	0.00905	0.000175	0.00062	0.000389	0.288	0.0000135	0.00119	0.000441	0.00143	0.00183
2092 Aug	0.000767	0.000246	0.00112	0.0626	0.00000894	6.97	6.67	0.0649	0.00435	15.5	0.00289	0.00907	0.000175	0.000621	0.00039	0.288	0.0000136	0.00119	0.000441	0.00143	0.00184
2092 Sep	0.000767	0.000246	0.00112	0.0627	0.00000895	6.98	6.67	0.065	0.00436	15.5	0.00289	0.00907	0.000176	0.000621	0.00039	0.288	0.0000136	0.00119	0.000442	0.00143	0.00184
2092 Oct	0.000767	0.000246	0.00112	0.0627	0.00000895	6.98	6.67	0.065	0.00436	15.5	0.00289	0.00908	0.000176	0.000621	0.00039	0.288	0.0000136	0.00119	0.000442	0.00143	0.00184
2092 Nov	0.000767	0.000246	0.00112	0.0627	0.00000895	6.98	6.67	0.065	0.00436	15.5	0.00289	0.00908	0.000176	0.000621	0.00039	0.288	0.0000136	0.00119	0.000442	0.00143	0.00184
2092 Dec	0.000767	0.000246	0.00112	0.0627	0.00000895	6.98	6.67	0.065	0.00436	15.5	0.00289	0.00908	0.000176	0.000621	0.00039	0.288	0.0000136	0.00119	0.000442	0.00143	0.00184
2093 Jan	0.000767	0.000246	0.00112	0.0627	0.00000895	6.98	6.67	0.065	0.00436	15.5	0.00289	0.00908	0.000176	0.000621	0.00039	0.288	0.0000136	0.00119	0.000442	0.00143	0.00184

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2093 Feb	0.000767	0.000246	0.00112	0.0627	0.00000895	6.98	6.67	0.065	0.00436	15.5	0.00289	0.00908	0.000176	0.000621	0.00039	0.288	0.0000136	0.00119	0.000442	0.00143	0.00184
2093 Mar	0.000767	0.000246	0.00112	0.0627	0.00000895	6.98	6.68	0.065	0.00436	15.5	0.00289	0.00908	0.000176	0.000621	0.00039	0.288	0.0000136	0.00119	0.000442	0.00143	0.00184
2093 Apr	0.000768	0.000246	0.00112	0.0627	0.00000895	6.98	6.68	0.065	0.00437	15.5	0.00289	0.00908	0.000176	0.000621	0.00039	0.288	0.0000136	0.00119	0.000442	0.00143	0.00184
2093 May	0.000768	0.000247	0.00112	0.0628	0.00000896	6.98	6.68	0.0651	0.00437	15.5	0.00289	0.00909	0.000176	0.000622	0.00039	0.289	0.0000136	0.00119	0.000442	0.00143	0.00185
2093 Jun	0.000768	0.000247	0.00111	0.063	0.00000896	6.97	6.67	0.0652	0.00438	15.4	0.00288	0.0091	0.000177	0.00062	0.00039	0.288	0.0000137	0.00119	0.000443	0.00143	0.00185
2093 Jul	0.000769	0.000247	0.00111	0.0631	0.00000897	6.99	6.69	0.0653	0.00439	15.4	0.00289	0.00912	0.000177	0.000621	0.000391	0.289	0.0000137	0.00119	0.000444	0.00143	0.00186
2093 Aug	0.00077	0.000248	0.00112	0.0632	0.00000899	7	6.7	0.0654	0.0044	15.4	0.00289	0.00913	0.000177	0.000622	0.000392	0.289	0.0000137	0.00119	0.000444	0.00144	0.00186
2093 Sep	0.00077	0.000248	0.00112	0.0633	0.00000899	7	6.7	0.0655	0.0044	15.4	0.00289	0.00913	0.000177	0.000622	0.000392	0.289	0.0000137	0.00119	0.000445	0.00144	0.00186
2093 Oct	0.00077	0.000248	0.00111	0.0633	0.00000899	6.99	6.69	0.0655	0.00441	15.4	0.00289	0.00914	0.000178	0.000621	0.000392	0.289	0.0000138	0.00119	0.000445	0.00143	0.00187
2093 Nov	0.00077	0.000248	0.00111	0.0634	0.00000899	6.99	6.69	0.0655	0.00441	15.3	0.00289	0.00914	0.000178	0.000621	0.000392	0.289	0.0000138	0.00119	0.000445	0.00143	0.00187
2093 Dec	0.00077	0.000248	0.00111	0.0634	0.00000899	6.99	6.69	0.0655	0.00441	15.3	0.00289	0.00914	0.000178	0.000621	0.000392	0.289	0.0000138	0.00119	0.000445	0.00143	0.00187
2094 Jan	0.00077	0.000248	0.00111	0.0634	0.00000899	6.99	6.69	0.0655	0.00441	15.3	0.00289	0.00914	0.000178	0.000621	0.000392	0.289	0.0000138	0.00119	0.000445	0.00143	0.00187
2094 Feb	0.00077	0.000248	0.00111	0.0634	0.00000899	6.99	6.69	0.0655	0.00441	15.3	0.00289	0.00914	0.000178	0.000621	0.000392	0.289	0.0000138	0.00119	0.000445	0.00143	0.00187
2094 Mar	0.00077	0.000248	0.00111	0.0634	0.00000899	6.99	6.69	0.0655	0.00441	15.3	0.00289	0.00914	0.000178	0.000621	0.000392	0.289	0.0000138	0.00119	0.000445	0.00143	0.00187
2094 Apr	0.00077	0.000248	0.00111	0.0634	0.00000899	7	6.69	0.0655	0.00441	15.3	0.00289	0.00914	0.000178	0.000621	0.000392	0.289	0.0000138	0.00119	0.000445	0.00143	0.00187
2094 May	0.00077	0.000248	0.00111	0.0635	0.00000899	7	6.69	0.0656	0.00442	15.3	0.00289	0.00915	0.000178	0.000621	0.000392	0.289	0.0000138	0.00119	0.000445	0.00143	0.00188
2094 Jun	0.000771	0.000248	0.00111	0.0637	0.000009	7	6.7	0.0657	0.00443	15.3	0.00288	0.00917	0.000179	0.000621	0.000393	0.289	0.0000138	0.00119	0.000446	0.00143	0.00188
2094 Jul	0.000773	0.000249	0.00112	0.0639	0.00000902	7.02	6.71	0.0659	0.00445	15.3	0.00289	0.00919	0.000179	0.000623	0.000394	0.29	0.0000139	0.00119	0.000447	0.00144	0.00189
2094 Aug	0.000775	0.00025	0.00112	0.064	0.00000905	7.04	6.73	0.0661	0.00446	15.4	0.0029	0.00921	0.00018	0.000624	0.000395	0.29	0.0000139	0.0012	0.000448	0.00144	0.00189
2094 Sep	0.000775	0.00025	0.00112	0.064	0.00000905	7.04	6.73	0.0661	0.00446	15.4	0.0029	0.00922	0.00018	0.000624	0.000395	0.29	0.0000139	0.0012	0.000448	0.00144	0.00189
2094 Oct	0.000775	0.00025	0.00112	0.064	0.00000905	7.03	6.73	0.0661	0.00446	15.3	0.0029	0.00922	0.00018	0.000624	0.000395	0.29	0.0000139	0.00119	0.000448	0.00144	0.0019
2094 Nov	0.000775	0.00025	0.00112	0.0641	0.00000904	7.03	6.73	0.0661	0.00447	15.3	0.00289	0.00922	0.00018	0.000623	0.000395	0.29	0.000014	0.00119	0.000448	0.00144	0.0019
2094 Dec	0.000775	0.00025	0.00112	0.0641	0.00000904	7.03	6.73	0.0661	0.00447	15.3	0.00289	0.00922	0.00018	0.000623	0.000395	0.29	0.000014	0.00119	0.000448	0.00144	0.0019
2095 Jan	0.000775	0.00025	0.00112	0.0641	0.00000904	7.03	6.73	0.0661	0.00447	15.3	0.00289	0.00922	0.00018	0.000623	0.000395	0.29	0.000014	0.00119	0.000448	0.00144	0.0019
2095 Feb	0.000775	0.00025	0.00112	0.0641	0.00000904	7.03	6.73	0.0661	0.00447	15.3	0.00289	0.00922	0.00018	0.000623	0.000395	0.29	0.000014	0.00119	0.000448	0.00144	0.0019
2095 Mar	0.000775	0.00025	0.00112	0.0641	0.00000905	7.03	6.73	0.0661	0.00447	15.3	0.00289	0.00922	0.00018	0.000623	0.000395	0.29	0.000014	0.00119	0.000448	0.00144	0.0019
2095 Apr	0.000775	0.00025	0.00112	0.0641	0.00000905	7.03	6.73	0.0661	0.00447	15.3	0.00289	0.00922	0.00018	0.000623	0.000395	0.29	0.000014	0.00119	0.000448	0.00144	0.0019
2095 May	0.000775	0.00025	0.00112	0.0642	0.00000905	7.04	6.73	0.0662	0.00448	15.3	0.00289	0.00923	0.00018	0.000623	0.000395	0.29	0.000014	0.00119	0.000449	0.00144	0.0019
2095 Jun	0.000777	0.00025	0.00112	0.0644	0.00000907	7.05	6.74	0.0664	0.00449	15.3	0.00289	0.00925	0.000181	0.000624	0.000396	0.291	0.000014	0.00119	0.00045	0.00144	0.00191
2095 Jul	0.000779	0.000251	0.00112	0.0646	0.00000909	7.06	6.76	0.0666	0.0045	15.3	0.0029	0.00928	0.000181	0.000625	0.000397	0.291	0.0000141	0.0012	0.000451	0.00145	0.00192
2095 Aug	0.000779	0.000251	0.00112	0.0646	0.00000909	7.07	6.76	0.0666	0.00451	15.3	0.0029	0.00928	0.000182	0.000625	0.000397	0.291	0.0000141	0.0012	0.000451	0.00145	0.00192
2095 Sep	0.000779	0.000251	0.00112	0.0647	0.0000091	7.07	6.76	0.0666	0.00451	15.3	0.0029	0.00929	0.000182	0.000626	0.000398	0.291	0.0000141	0.0012	0.000452	0.00145	0.00192
2095 Oct	0.00078	0.000251	0.00112	0.0647	0.0000091	7.07	6.76	0.0667	0.00452	15.3	0.0029	0.0093	0.000182	0.000626	0.000398	0.292	0.0000141	0.0012	0.000452	0.00145	0.00192
2095 Nov	0.00078	0.000252	0.00112	0.0648	0.0000091	7.07	6.77	0.0667	0.00453	15.3	0.0029	0.0093	0.000182	0.000626	0.000398	0.292	0.0000142	0.0012	0.000452	0.00145	0.00193
2095 Dec	0.00078	0.000252	0.00112	0.0648	0.0000091	7.07	6.77	0.0668	0.00453	15.3	0.0029	0.0093	0.000182	0.000626	0.000398	0.292	0.0000142	0.0012	0.000452	0.00145	0.00193
2096 Jan	0.00078	0.000252	0.00112	0.0648	0.0000091	7.07	6.77	0.0668	0.00453	15.3	0.0029	0.0093	0.000182	0.000626	0.000398	0.292	0.0000142	0.0012	0.000452	0.00145	0.00193
2096 Feb	0.00078	0.000252	0.00112	0.0648	0.0000091	7.07	6.77	0.0668	0.00453	15.3	0.0029	0.0093	0.000182	0.000626	0.000398	0.292	0.0000142	0.0012	0.000452	0.00145	0.00193
2096 Mar	0.00078	0.000252	0.00112	0.0648	0.0000091	7.08	6.77	0.0668	0.00453	15.3	0.0029	0.0093	0.000182	0.000626	0.000398	0.292	0.0000142	0.0012	0.000452	0.00145	0.00193
2096 Apr	0.00078	0.000252	0.00112	0.0648	0.00000911	7.08	6.77	0.0668	0.00453	15.3	0.0029	0.00931	0.000182	0.000626	0.000398	0.292	0.0000142	0.0012	0.000452	0.00145	0.00193
2096 May	0.000781	0.000252	0.00112	0.0649	0.00000911	7.08	6.77	0.0668	0.00454	15.3	0.0029	0.00932	0.000182	0.000626	0.000399	0.292	0.0000142	0.0012	0.000452	0.00145	0.00193
2096 Jun	0.000781	0.000252	0.00112	0.0652	0.00000911	7.08	6.77	0.0671	0.00457	15.1	0.00289	0.00934	0.000183	0.000625	0.000399	0.291	0.0000143	0.00119	0.000453	0.00145	0.00195
2096 Jul	0.000783	0.000253	0.00112	0.0654	0.00000913	7.09	6.78	0.0673	0.00459	15.1	0.00289	0.00937	0.000184	0.000625	0.0004	0.292	0.0000144	0.00119	0.000454	0.00145	0.00196
2096 Aug	0.000785	0.000253	0.00112	0.0655	0.00000915	7.11	6.8	0.0674	0.0046	15.1	0.0029	0.00939	0.000184	0.000627	0.000401	0.293	0.0000144	0.0012	0.000456	0.00145	0.00196
2096 Sep	0.000785	0.000253	0.00112	0.0655	0.00000915	7.11	6.8	0.0674	0.0046	15.1	0.0029	0.00939	0.000184	0.000627	0.000401	0.293	0.0000144	0.00119	0.000456	0.00145	0.00196
2096 Oct	0.000784	0.000253	0.00112	0.0656	0.00000915	7.11	6.79	0.0675	0.00461	15.1	0.00289	0.0094	0.000185	0.000626	0.000402	0.292	0.0000144	0.00119	0.000455	0.00145	0.00197
2096 Nov	0.000785	0.000253	0.00112	0.0656	0.00000915	7.11	6.79	0.0675	0.00461	15.1	0.00289	0.0094	0.000185	0.000626	0.000402	0.292	0.0000145	0.00119	0.000456	0.00145	0.00197
2096 Dec	0.000785	0.000254	0.00112	0.0656	0.00000915	7.11	6.79	0.0675	0.00461	15.1	0.00289	0.0094	0.000185	0.000626	0.000402	0.292	0.0000145	0.00119	0.000456	0.00145	0.00197
2097 Jan	0.000785	0.000254	0.00112	0.0656	0.00000915	7.11	6.79	0.0675	0.00461	15.1	0.00289	0.0094	0.000185	0.000626	0.000402	0.292	0.0000145	0.00119	0.000456	0.00145	0.00197
2097 Feb	0.000785	0.000254	0.00112	0.0656	0.00000915	7.11	6.79	0.0675	0.00461	15.1	0.00289	0.0094	0.000185	0.000626	0.000402	0.292	0.0000145	0.00119	0.000456	0.00145	0.00197
2097 Mar	0.000785	0.000254	0.00112	0.0656	0.00000915	7.11	6.79	0.0675	0.00461	15.1	0.00289	0.0094	0.000185	0.000626	0.000402	0.292	0.0000145	0.00119	0.000456	0.00145	0.00197
2097 Apr	0.000785	0.000254	0.00112	0.0656	0.00000915	7.11	6.8	0.0675	0.00461	15.1	0.0029	0.0094	0.000185	0.000626	0.000402	0.292	0.0000145	0.00119	0.000456	0.00145	0.00197
2097 May	0.000785	0.000254	0.00112	0.0657	0.00000916	7.12	6.8	0.0676	0.00462	15.1	0.0029	0.00941	0.000185	0.000627	0.000402	0.293	0.0000145	0.00119	0.000456	0.00145	0.00197
2097 Jun	0.000786	0.000254	0.00112	0.0659	0.00000917	7.12	6.8	0.0677	0.00464	15.1	0.00289	0.00943	0.000185	0.000626	0.000403	0.293	0.0000145	0.00119	0.000457	0.00145	0.00198
2097 Jul	0.000788	0.000255	0.00112	0.066	0.00000919	7.14	6.82	0.0679	0.00465	15.1	0.0029	0.00946	0.000186	0.000628	0.000404	0.293	0.0000146	0.0012	0.000458	0.00146	0.00199
2097 Aug	0.000789	0.000255	0.00112	0.0661	0.0000092	7.15	6.83	0.068	0.00466	15.1	0.00291	0.00947	0.000186	0.000629	0.000404	0.294	0.0000146	0.0012	0.000459	0.00146	0.00199
2097 Sep	0.00079	0.000255	0.00112	0.0662	0.00000921	7.15	6.84	0.0681	0.00466	15.1	0.00291	0.00948	0.000186	0.000629	0.000405	0.294	0.0000146	0.0012	0.000459	0.00146	0.00199
2097 Oct	0.00079	0.000255	0.00112	0.0662	0.00000921	7.15	6.84	0.068	0.00466	15.1	0.00291	0.00948	0.000186	0.000629	0.000405	0.294	0.0000146	0.0012	0.000459	0.00146	0.00199
2097 Nov	0.000789	0.000255	0.00112	0.0662	0.00000921	7.15	6.83	0.068	0.00466	15.1	0.00291	0.00947	0.000186	0.000629	0.000404	0.294	0.0000146	0.0012	0.000459	0.00146	0.00199
2097 Dec	0.000789	0.000255	0.00112	0.0662	0.00000921	7.15	6.83	0.068	0.00466	15.1	0.00291	0.00947	0.000186	0.000629	0.000404	0.294	0.0000146	0.0012	0.000459	0.00146	0.00199
2098 Jan	0.000789	0.000255	0.00112	0.0662	0.00000921	7.15	6.83	0.068	0.00466	15.1	0.00291	0.00947	0.000186	0.000629	0.000404	0.294	0.0000146	0.0012	0.000459	0.00146	0.00199
2098 Feb	0.000789	0.000255	0.00112	0.0662	0.00000921	7.15	6.83	0.068	0.00466	15.1	0.00291	0.00947	0.000186	0.000629	0.000404	0.294	0.0000146	0.0012	0.000459	0.00146	0.00199
2098 Mar	0.00079	0.000255	0.00112	0.0662	0.00000921	7.15	6.83	0.068	0.00466	15.1	0.00291	0.00947	0.000186	0.000629	0.000404	0.294	0.0000146	0.0012	0.000459	0.00146	0.00199
2098 Apr	0.00079	0.000255	0.00112	0.0662	0.00000921	7.15	6.84	0.068	0.00466	15.1	0.00291	0.00948	0.000186	0.000629	0.000405	0.294	0.0000146	0.0012	0.000459	0.00146	0.00199
2098 May	0.00079	0.000256	0.00112	0.0663	0.00000922	7.16	6.84	0.0682	0.00467	15.1	0.00291	0.00949	0.000187	0.000629	0.000405	0.294	0.0000147	0.0012	0.00046	0.00146	0.00199
2098 Jun	0.000791	0.000256	0.00112	0.0667	0.00000922	7.16	6.84	0.0685	0.00471	15	0.00289	0.00953	0.000188	0.000627	0.000406	0.294	0.0000148	0.00119	0.000461	0.00146	0.00201

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2098 Jul	0.000793	0.000257	0.00112	0.0669	0.00000924	7.17	6.86	0.0687	0.00473	15	0.0029	0.00956	0.000189	0.000629	0.000407	0.294	0.0000149	0.00119	0.000462	0.00146	0.00202
2098 Aug	0.000794	0.000257	0.00112	0.067	0.00000925	7.18	6.86	0.0687	0.00473	15	0.0029	0.00956	0.000189	0.000629	0.000408	0.295	0.0000149	0.00119	0.000463	0.00146	0.00202
2098 Sep	0.000794	0.000257	0.00112	0.067	0.00000925	7.18	6.86	0.0688	0.00475	15	0.0029	0.00957	0.000189	0.000629	0.000408	0.294	0.0000149	0.00119	0.000463	0.00146	0.00203
2098 Oct	0.000794	0.000258	0.00112	0.0672	0.00000924	7.18	6.86	0.0689	0.00476	14.9	0.00289	0.00959	0.00019	0.000628	0.000408	0.294	0.000015	0.00119	0.000463	0.00146	0.00203
2098 Nov	0.000794	0.000258	0.00112	0.0672	0.00000924	7.18	6.86	0.0689	0.00477	14.9	0.00289	0.00959	0.00019	0.000627	0.000409	0.294	0.000015	0.00119	0.000463	0.00146	0.00203
2098 Dec	0.000794	0.000258	0.00112	0.0672	0.00000924	7.18	6.86	0.0689	0.00477	14.9	0.00289	0.00959	0.00019	0.000627	0.000409	0.294	0.000015	0.00119	0.000463	0.00146	0.00203
2099 Jan	0.000794	0.000258	0.00112	0.0672	0.00000924	7.18	6.86	0.0689	0.00477	14.9	0.00289	0.00959	0.00019	0.000628	0.000409	0.294	0.000015	0.00119	0.000463	0.00146	0.00203
2099 Feb	0.000794	0.000258	0.00112	0.0672	0.00000924	7.18	6.86	0.0689	0.00477	14.9	0.00289	0.00959	0.00019	0.000628	0.000409	0.294	0.000015	0.00119	0.000463	0.00146	0.00203
2099 Mar	0.000794	0.000258	0.00112	0.0672	0.00000924	7.18	6.86	0.0689	0.00477	14.9	0.00289	0.00959	0.00019	0.000628	0.000409	0.294	0.000015	0.00119	0.000463	0.00146	0.00203
2099 Apr	0.000794	0.000258	0.00112	0.0672	0.00000925	7.18	6.86	0.069	0.00477	14.9	0.00289	0.0096	0.00019	0.000628	0.000409	0.294	0.000015	0.00119	0.000463	0.00146	0.00204
2099 May	0.000794	0.000258	0.00112	0.0674	0.00000925	7.18	6.86	0.0691	0.00479	14.8	0.00289	0.00961	0.000191	0.000627	0.000409	0.294	0.0000151	0.00119	0.000464	0.00146	0.00204
2099 Jun	0.000794	0.000258	0.00112	0.0676	0.00000925	7.18	6.86	0.0692	0.0048	14.8	0.00288	0.00962	0.000191	0.000626	0.000409	0.294	0.0000151	0.00118	0.000465	0.00146	0.00205
2099 Jul	0.000796	0.000259	0.00112	0.0678	0.00000927	7.19	6.87	0.0694	0.00481	14.8	0.00289	0.00965	0.000192	0.000627	0.00041	0.294	0.0000152	0.00119	0.000466	0.00146	0.00205
2099 Aug	0.000798	0.00026	0.00112	0.0679	0.00000929	7.21	6.89	0.0696	0.00482	14.8	0.00289	0.00967	0.000192	0.000629	0.000411	0.295	0.0000152	0.00119	0.000467	0.00147	0.00206
2099 Sep	0.000798	0.00026	0.00112	0.0679	0.00000928	7.21	6.88	0.0695	0.00482	14.8	0.00289	0.00967	0.000192	0.000628	0.000411	0.295	0.0000152	0.00119	0.000467	0.00147	0.00206
2099 Oct	0.000798	0.00026	0.00112	0.068	0.00000928	7.21	6.88	0.0696	0.00483	14.8	0.00289	0.00968	0.000192	0.000628	0.000411	0.295	0.0000152	0.00119	0.000467	0.00147	0.00206
2099 Nov	0.000798	0.00026	0.00112	0.0681	0.00000928	7.2	6.88	0.0696	0.00484	14.8	0.00288	0.00968	0.000192	0.000627	0.000411	0.295	0.0000153	0.00119	0.000467	0.00147	0.00206
2099 Dec	0.000798	0.00026	0.00112	0.0681	0.00000928	7.2	6.88	0.0696	0.00484	14.8	0.00288	0.00968	0.000192	0.000627	0.000412	0.295	0.0000153	0.00119	0.000467	0.00147	0.00206
2100 Jan	0.000798	0.00026	0.00112	0.0681	0.00000928	7.2	6.88	0.0696	0.00484	14.8	0.00288	0.00968	0.000192	0.000627	0.000412	0.295	0.0000153	0.00119	0.000467	0.00147	0.00207
2100 Feb	0.000798	0.00026	0.00112	0.0681	0.00000928	7.2	6.88	0.0696	0.00484	14.8	0.00288	0.00968	0.000192	0.000627	0.000412	0.295	0.0000153	0.00119	0.000467	0.00147	0.00207
2100 Mar	0.000798	0.00026	0.00112	0.0681	0.00000928	7.2	6.88	0.0697	0.00484	14.8	0.00288	0.00968	0.000192	0.000627	0.000412	0.295	0.0000153	0.00119	0.000467	0.00147	0.00207
2100 Apr	0.000798	0.00026	0.00112	0.0681	0.00000928	7.21	6.88	0.0697	0.00484	14.8	0.00288	0.00969	0.000192	0.000628	0.000412	0.295	0.0000153	0.00119	0.000467	0.00147	0.00207
2100 May	0.000798	0.00026	0.00112	0.0682	0.00000929	7.21	6.89	0.0698	0.00485	14.7	0.00288	0.0097	0.000193	0.000628	0.000412	0.295	0.0000153	0.00119	0.000468	0.00147	0.00207
2100 Jun	0.000798	0.000261	0.00111	0.0685	0.00000928	7.2	6.88	0.0699	0.00487	14.6	0.00287	0.00971	0.000194	0.000625	0.000412	0.294	0.0000154	0.00118	0.000469	0.00146	0.00208
2100 Jul	0.000798	0.000261	0.00111	0.0686	0.00000929	7.2	6.88	0.07	0.00488	14.6	0.00287	0.00973	0.000194	0.000625	0.000413	0.294	0.0000154	0.00118	0.000469	0.00146	0.00208
2100 Aug	0.000799	0.000261	0.00111	0.0687	0.00000929	7.21	6.88	0.0701	0.00489	14.6	0.00287	0.00974	0.000195	0.000625	0.000413	0.294	0.0000155	0.00118	0.00047	0.00146	0.00209
2100 Sep	0.000799	0.000261	0.00111	0.0688	0.00000929	7.21	6.88	0.0702	0.0049	14.6	0.00287	0.00975	0.000195	0.000625	0.000413	0.294	0.0000155	0.00118	0.00047	0.00146	0.00209
2100 Oct	0.000799	0.000261	0.00111	0.0688	0.00000929	7.21	6.89	0.0702	0.0049	14.6	0.00287	0.00975	0.000195	0.000625	0.000413	0.294	0.0000155	0.00118	0.00047	0.00146	0.00209
2100 Nov	0.000799	0.000262	0.00111	0.0688	0.00000929	7.21	6.89	0.0702	0.0049	14.6	0.00287	0.00975	0.000195	0.000625	0.000413	0.294	0.0000155	0.00118	0.00047	0.00146	0.00209
2100 Dec	0.000799	0.000262	0.00111	0.0688	0.00000929	7.21	6.89	0.0702	0.0049	14.6	0.00287	0.00975	0.000195	0.000625	0.000413	0.294	0.0000155	0.00118	0.00047	0.00147	0.00209
2101 Jan	0.000799	0.000262	0.00111	0.0688	0.00000929	7.21	6.89	0.0702	0.0049	14.6	0.00287	0.00975	0.000195	0.000625	0.000413	0.294	0.0000155	0.00118	0.00047	0.00147	0.00209
2101 Feb	0.000799	0.000262	0.00111	0.0688	0.00000929	7.21	6.89	0.0702	0.0049	14.6	0.00287	0.00975	0.000195	0.000625	0.000413	0.294	0.0000155	0.00118	0.00047	0.00147	0.00209
2101 Mar	0.000799	0.000262	0.00111	0.0688	0.00000929	7.21	6.89	0.0702	0.0049	14.6	0.00287	0.00975	0.000195	0.000625	0.000413	0.294	0.0000155	0.00118	0.00047	0.00147	0.00209
2101 Apr	0.000799	0.000262	0.00111	0.0688	0.0000093	7.21	6.89	0.0702	0.00491	14.6	0.00287	0.00976	0.000195	0.000625	0.000414	0.294	0.0000155	0.00118	0.00047	0.00147	0.00209
2101 May	0.0008	0.000262	0.00111	0.069	0.0000093	7.21	6.89	0.0703	0.00491	14.6	0.00287	0.00977	0.000196	0.000625	0.000414	0.294	0.0000155	0.00118	0.000471	0.00147	0.0021
2101 Jun	0.000799	0.000262	0.00111	0.0691	0.00000929	7.2	6.88	0.0704	0.00493	14.5	0.00286	0.00978	0.000196	0.000624	0.000414	0.294	0.0000156	0.00117	0.000471	0.00146	0.0021
2101 Jul	0.000801	0.000263	0.00111	0.0693	0.00000931	7.22	6.9	0.0706	0.00494	14.5	0.00287	0.0098	0.000197	0.000625	0.000415	0.295	0.0000156	0.00117	0.000473	0.00147	0.00211
2101 Aug	0.000803	0.000263	0.00112	0.0695	0.00000933	7.24	6.91	0.0708	0.00495	14.6	0.00287	0.00982	0.000197	0.000626	0.000416	0.295	0.0000157	0.00118	0.000474	0.00147	0.00211
2101 Sep	0.000803	0.000263	0.00112	0.0695	0.00000933	7.23	6.91	0.0707	0.00495	14.6	0.00287	0.00982	0.000197	0.000626	0.000416	0.295	0.0000157	0.00118	0.000473	0.00147	0.00211
2101 Oct	0.000803	0.000263	0.00112	0.0695	0.00000933	7.23	6.91	0.0707	0.00495	14.5	0.00287	0.00982	0.000197	0.000626	0.000416	0.295	0.0000157	0.00118	0.000473	0.00147	0.00211
2101 Nov	0.000802	0.000263	0.00111	0.0695	0.00000933	7.23	6.91	0.0708	0.00495	14.5	0.00287	0.00982	0.000197	0.000626	0.000416	0.295	0.0000157	0.00118	0.000473	0.00147	0.00211
2101 Dec	0.000802	0.000263	0.00111	0.0695	0.00000933	7.23	6.91	0.0708	0.00495	14.5	0.00287	0.00982	0.000197	0.000625	0.000416	0.295	0.0000157	0.00118	0.000473	0.00147	0.00211
2102 Jan	0.000802	0.000263	0.00111	0.0695	0.00000933	7.23	6.91	0.0708	0.00495	14.5	0.00287	0.00982	0.000197	0.000625	0.000416	0.295	0.0000157	0.00118	0.000473	0.00147	0.00211
2102 Feb	0.000802	0.000263	0.00111	0.0695	0.00000933	7.23	6.91	0.0708	0.00495	14.5	0.00287	0.00982	0.000197	0.000626	0.000416	0.295	0.0000157	0.00118	0.000473	0.00147	0.00211
2102 Mar	0.000802	0.000263	0.00111	0.0695	0.00000933	7.23	6.91	0.0708	0.00495	14.5	0.00287	0.00982	0.000197	0.000626	0.000416	0.295	0.0000157	0.00118	0.000473	0.00147	0.00211
2102 Apr	0.000802	0.000263	0.00112	0.0695	0.00000933	7.23	6.91	0.0708	0.00496	14.5	0.00287	0.00982	0.000197	0.000626	0.000416	0.295	0.0000157	0.00118	0.000474	0.00147	0.00212
2102 May	0.000803	0.000263	0.00112	0.0696	0.00000934	7.24	6.91	0.0708	0.00496	14.5	0.00287	0.00983	0.000197	0.000626	0.000416	0.295	0.0000157	0.00118	0.000474	0.00147	0.00212
2102 Jun	0.000802	0.000263	0.00111	0.0697	0.00000933	7.23	6.9	0.0709	0.00498	14.4	0.00286	0.00984	0.000198	0.000624	0.000416	0.294	0.0000158	0.00117	0.000474	0.00147	0.00212
2102 Jul	0.000803	0.000264	0.00111	0.0699	0.00000933	7.23	6.91	0.071	0.00499	14.4	0.00286	0.00986	0.000198	0.000624	0.000417	0.294	0.0000158	0.00117	0.000475	0.00147	0.00213
2102 Aug	0.000804	0.000264	0.00111	0.07	0.00000935	7.24	6.91	0.0711	0.005	14.4	0.00286	0.00988	0.000199	0.000625	0.000417	0.295	0.0000158	0.00117	0.000475	0.00147	0.00213
2102 Sep	0.000804	0.000264	0.00111	0.07	0.00000935	7.24	6.92	0.0711	0.005	14.4	0.00286	0.00988	0.000199	0.000625	0.000417	0.295	0.0000159	0.00117	0.000476	0.00147	0.00214
2102 Oct	0.000804	0.000264	0.00111	0.07	0.00000934	7.24	6.91	0.0711	0.00501	14.4	0.00285	0.00988	0.000199	0.000624	0.000417	0.295	0.0000159	0.00117	0.000475	0.00147	0.00214
2102 Nov	0.000804	0.000264	0.00111	0.07	0.00000934	7.24	6.91	0.0711	0.00501	14.4	0.00285	0.00988	0.000199	0.000624	0.000417	0.295	0.0000159	0.00117	0.000475	0.00147	0.00214
2102 Dec	0.000804	0.000264	0.00111	0.07	0.00000934	7.24	6.91	0.0711	0.00501	14.4	0.00285	0.00988	0.000199	0.000624	0.000417	0.295	0.0000159	0.00117	0.000475	0.00147	0.00214
2103 Jan	0.000804	0.000264	0.00111	0.07	0.00000934	7.24	6.91	0.0711	0.00501	14.4	0.00285	0.00988	0.000199	0.000624	0.000417	0.295	0.0000159	0.00117	0.000475	0.00147	0.00214
2103 Feb	0.000804	0.000264	0.00111	0.07	0.00000934	7.24	6.91	0.0711	0.00501	14.4	0.00285	0.00988	0.000199	0.000624	0.000417	0.295	0.0000159	0.00117	0.000475	0.00147	0.00214
2103 Mar	0.000804	0.000264	0.00111	0.07	0.00000934	7.24	6.91	0.0711	0.00501	14.4	0.00285	0.00989	0.000199	0.000624	0.000417	0.295	0.0000159	0.00117	0.000475	0.00147	0.00214
2103 Apr	0.000804	0.000264	0.00111	0.07	0.00000935	7.24	6.91	0.0712	0.00501	14.4	0.00286	0.00989	0.000199	0.000624	0.000417	0.295	0.0000159	0.00117	0.000476	0.00147	0.00214
2103 May	0.000804	0.000265	0.00111	0.0701	0.00000935	7.24	6.92	0.0712	0.00502	14.4	0.00285	0.0099	0.000199	0.000624	0.000418	0.295	0.0000159	0.00117	0.000476	0.00147	0.00214
2103 Jun	0.000803	0.000265	0.00111	0.0703	0.00000934	7.22	6.9	0.0713	0.00504	14.3	0.00284	0.00991	0.0002	0.000621	0.000418	0.294	0.000016	0.00116	0.000476	0.00147	0.00215
2103 Jul	0.000804	0.000265	0.00111	0.0705	0.00000935	7.23	6.9	0.0714	0.00505	14.3	0.00284	0.00993	0.0002	0.000622	0.000418	0.294	0.000016	0.00116	0.000477	0.00147	0.00215
2103 Aug	0.000804	0.000265	0.00111	0.0706	0.00000935	7.23	6.91	0.0715	0.00506	14.2	0.00284	0.00994	0.0002	0.000622	0.000419	0.294	0.0000161	0.00116	0.000478	0.00147	0.00216
2103 Sep	0.000804	0.000265	0.00111	0.0706	0.00000935	7.23	6.9	0.0715	0.00507	14.2	0.00283	0.00995	0.000201	0.000621	0.000419	0.294	0.0000161	0.00116	0.000477	0.00147	0.00216
2103 Oct	0.000803	0.000265	0.0011	0.0706	0.00000933	7.22	6.89	0.0715	0.00507	14.1	0.00283	0.00995	0.0002	0.000619	0.000418	0.293	0.0000161	0.00115	0.000477	0.00147	0.00217
2103 Nov	0.000802	0.000265	0.0011	0.0706	0.00000933	7.21	6.89	0.0715	0.00507	14.1	0.00282	0.00995	0.0002	0.000619	0.000418	0.293	0.0000161	0.00115	0.000477	0.00147	0.00217

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2103 Dec	0.000802	0.000265	0.0011	0.0706	0.00000933	7.21	6.89	0.0715	0.00507	14.1	0.00282	0.00995	0.0002	0.000619	0.000418	0.293	0.0000161	0.00115	0.000477	0.00147	0.00217
2104 Jan	0.000802	0.000265	0.0011	0.0706	0.00000933	7.21	6.89	0.0715	0.00507	14.1	0.00282	0.00995	0.0002	0.000619	0.000418	0.293	0.0000161	0.00115	0.000477	0.00147	0.00217
2104 Feb	0.000803	0.000265	0.0011	0.0706	0.00000933	7.21	6.89	0.0715	0.00507	14.1	0.00282	0.00995	0.0002	0.000619	0.000418	0.293	0.0000161	0.00115	0.000477	0.00147	0.00217
2104 Mar	0.000803	0.000265	0.0011	0.0706	0.00000933	7.22	6.89	0.0715	0.00507	14.1	0.00282	0.00995	0.0002	0.000619	0.000418	0.293	0.0000161	0.00115	0.000477	0.00147	0.00217
2104 Apr	0.000803	0.000265	0.0011	0.0706	0.00000934	7.22	6.89	0.0715	0.00508	14.1	0.00282	0.00995	0.000201	0.000619	0.000418	0.293	0.0000161	0.00115	0.000477	0.00147	0.00217
2104 May	0.000803	0.000265	0.0011	0.0707	0.00000934	7.22	6.89	0.0716	0.00508	14.1	0.00282	0.00996	0.000201	0.000619	0.000419	0.293	0.0000162	0.00115	0.000478	0.00147	0.00217
2104 Jun	0.000801	0.000265	0.0011	0.0708	0.00000932	7.19	6.87	0.0715	0.00509	14	0.00281	0.00995	0.000201	0.000616	0.000418	0.292	0.0000162	0.00115	0.000477	0.00146	0.00217
2104 Jul	0.000802	0.000265	0.0011	0.0709	0.00000933	7.2	6.88	0.0717	0.0051	14	0.00281	0.00997	0.000202	0.000617	0.000418	0.292	0.0000162	0.00115	0.000478	0.00147	0.00218
2104 Aug	0.000803	0.000265	0.0011	0.071	0.00000934	7.21	6.88	0.0717	0.0051	14	0.00281	0.00998	0.000202	0.000617	0.000419	0.292	0.0000163	0.00115	0.000478	0.00147	0.00218
2104 Sep	0.000802	0.000265	0.0011	0.0711	0.00000934	7.21	6.88	0.0717	0.00511	14	0.00281	0.00999	0.000202	0.000616	0.000419	0.292	0.0000163	0.00115	0.000478	0.00147	0.00218
2104 Oct	0.000802	0.000265	0.0011	0.0711	0.00000933	7.2	6.87	0.0717	0.00511	14	0.0028	0.00999	0.000202	0.000615	0.000419	0.292	0.0000163	0.00114	0.000478	0.00147	0.00218
2104 Nov	0.000801	0.000265	0.0011	0.0711	0.00000933	7.2	6.87	0.0717	0.00511	14	0.0028	0.00999	0.000202	0.000615	0.000419	0.292	0.0000163	0.00114	0.000478	0.00147	0.00218
2104 Dec	0.000801	0.000265	0.0011	0.0711	0.00000933	7.2	6.87	0.0717	0.00511	14	0.0028	0.00999	0.000202	0.000615	0.000419	0.292	0.0000163	0.00114	0.000478	0.00147	0.00218
2105 Jan	0.000801	0.000265	0.0011	0.0711	0.00000933	7.2	6.87	0.0717	0.00511	14	0.0028	0.00999	0.000202	0.000615	0.000419	0.292	0.0000163	0.00114	0.000478	0.00147	0.00218
2105 Feb	0.000801	0.000265	0.0011	0.0711	0.00000933	7.2	6.87	0.0717	0.00511	14	0.0028	0.00999	0.000202	0.000615	0.000419	0.292	0.0000163	0.00114	0.000478	0.00147	0.00218
2105 Mar	0.000801	0.000265	0.0011	0.0711	0.00000933	7.2	6.87	0.0717	0.00511	14	0.0028	0.00999	0.000202	0.000615	0.000419	0.292	0.0000163	0.00114	0.000478	0.00147	0.00218
2105 Apr	0.000802	0.000265	0.0011	0.0711	0.00000933	7.2	6.87	0.0717	0.00511	14	0.0028	0.00999	0.000202	0.000615	0.000419	0.292	0.0000163	0.00114	0.000478	0.00147	0.00219
2105 May	0.000802	0.000265	0.0011	0.0712	0.00000933	7.2	6.87	0.0718	0.00512	13.9	0.0028	0.01	0.000202	0.000615	0.000419	0.292	0.0000163	0.00114	0.000478	0.00147	0.00219
2105 Jun	0.000801	0.000265	0.00109	0.0713	0.00000933	7.19	6.87	0.0718	0.00513	13.9	0.0028	0.01	0.000203	0.000614	0.000419	0.291	0.0000163	0.00114	0.000479	0.00147	0.00219
2105 Jul	0.000803	0.000266	0.0011	0.0714	0.00000934	7.21	6.88	0.072	0.00514	13.9	0.0028	0.01	0.000203	0.000615	0.00042	0.292	0.0000164	0.00114	0.00048	0.00147	0.0022
2105 Aug	0.000802	0.000266	0.0011	0.0715	0.00000934	7.2	6.87	0.072	0.00515	13.9	0.00279	0.01	0.000203	0.000614	0.00042	0.291	0.0000164	0.00114	0.00048	0.00147	0.0022
2105 Sep	0.000801	0.000266	0.00109	0.0715	0.00000933	7.19	6.86	0.072	0.00516	13.8	0.00279	0.01	0.000203	0.000612	0.00042	0.291	0.0000165	0.00113	0.000479	0.00146	0.0022
2105 Oct	0.0008	0.000265	0.00109	0.0715	0.00000932	7.18	6.85	0.072	0.00516	13.8	0.00278	0.01	0.000203	0.000611	0.000419	0.29	0.0000165	0.00113	0.000479	0.00146	0.00221
2105 Nov	0.0008	0.000265	0.00109	0.0715	0.00000931	7.18	6.85	0.0719	0.00516	13.8	0.00278	0.01	0.000203	0.000611	0.000419	0.29	0.0000165	0.00113	0.000478	0.00146	0.00221
2105 Dec	0.0008	0.000265	0.00109	0.0715	0.00000931	7.18	6.85	0.0719	0.00516	13.8	0.00278	0.01	0.000203	0.000611	0.000419	0.29	0.0000165	0.00113	0.000478	0.00146	0.00221
2106 Jan	0.0008	0.000265	0.00109	0.0715	0.00000931	7.18	6.85	0.0719	0.00516	13.8	0.00278	0.01	0.000203	0.000611	0.000419	0.29	0.0000165	0.00113	0.000478	0.00146	0.00221
2106 Feb	0.0008	0.000265	0.00109	0.0715	0.00000931	7.18	6.85	0.0719	0.00516	13.8	0.00278	0.01	0.000203	0.000611	0.000419	0.29	0.0000165	0.00113	0.000478	0.00146	0.00221
2106 Mar	0.0008	0.000265	0.00109	0.0715	0.00000931	7.18	6.85	0.0719	0.00516	13.8	0.00278	0.01	0.000203	0.000611	0.000419	0.29	0.0000165	0.00113	0.000478	0.00146	0.00221
2106 Apr	0.0008	0.000265	0.00109	0.0715	0.00000931	7.18	6.85	0.072	0.00516	13.8	0.00278	0.01	0.000203	0.000611	0.000419	0.29	0.0000165	0.00113	0.000478	0.00146	0.00221
2106 May	0.000801	0.000266	0.00109	0.0715	0.00000932	7.18	6.85	0.072	0.00517	13.8	0.00278	0.01	0.000203	0.000611	0.000419	0.29	0.0000165	0.00113	0.000479	0.00146	0.00221
2106 Jun	0.000798	0.000265	0.00108	0.0716	0.00000929	7.16	6.83	0.0719	0.00517	13.7	0.00276	0.01	0.000203	0.000608	0.000419	0.289	0.0000165	0.00112	0.000478	0.00146	0.00221
2106 Jul	0.000799	0.000266	0.00109	0.0717	0.00000931	7.17	6.84	0.0721	0.00518	13.7	0.00277	0.0101	0.000204	0.000609	0.000419	0.289	0.0000166	0.00112	0.000479	0.00146	0.00222
2106 Aug	0.0008	0.000266	0.00109	0.0718	0.00000931	7.17	6.84	0.0721	0.00519	13.6	0.00276	0.0101	0.000204	0.000608	0.00042	0.289	0.0000166	0.00112	0.000479	0.00146	0.00222
2106 Sep	0.000799	0.000266	0.00108	0.0718	0.0000093	7.16	6.83	0.0721	0.0052	13.6	0.00276	0.0101	0.000204	0.000607	0.000419	0.289	0.0000166	0.00112	0.000479	0.00146	0.00223
2106 Oct	0.000798	0.000265	0.00108	0.0718	0.0000093	7.15	6.83	0.0721	0.0052	13.6	0.00275	0.0101	0.000204	0.000606	0.000419	0.289	0.0000166	0.00112	0.000479	0.00146	0.00223
2106 Nov	0.000798	0.000265	0.00108	0.0718	0.0000093	7.16	6.83	0.0721	0.0052	13.6	0.00275	0.0101	0.000204	0.000607	0.000419	0.289	0.0000166	0.00112	0.000479	0.00146	0.00223
2106 Dec	0.000798	0.000265	0.00108	0.0718	0.0000093	7.16	6.83	0.0721	0.0052	13.6	0.00275	0.0101	0.000204	0.000607	0.000419	0.289	0.0000166	0.00112	0.000479	0.00146	0.00223
2107 Jan	0.000798	0.000265	0.00108	0.0718	0.0000093	7.16	6.83	0.0721	0.0052	13.6	0.00275	0.0101	0.000204	0.000607	0.000419	0.289	0.0000166	0.00112	0.000479	0.00146	0.00223
2107 Feb	0.000798	0.000265	0.00108	0.0718	0.0000093	7.16	6.83	0.0721	0.0052	13.6	0.00275	0.0101	0.000204	0.000607	0.000419	0.289	0.0000166	0.00112	0.000479	0.00146	0.00223
2107 Mar	0.000799	0.000265	0.00108	0.0718	0.0000093	7.16	6.83	0.0721	0.0052	13.6	0.00275	0.0101	0.000204	0.000607	0.000419	0.289	0.0000166	0.00112	0.000479	0.00146	0.00223
2107 Apr	0.000799	0.000265	0.00108	0.0718	0.0000093	7.16	6.83	0.0721	0.0052	13.6	0.00275	0.0101	0.000204	0.000607	0.000419	0.289	0.0000166	0.00112	0.000479	0.00146	0.00223
2107 May	0.000799	0.000266	0.00108	0.0719	0.0000093	7.16	6.83	0.0721	0.0052	13.6	0.00275	0.0101	0.000204	0.000606	0.000419	0.289	0.0000166	0.00112	0.000479	0.00146	0.00223
2107 Jun	0.000798	0.000265	0.00108	0.0719	0.00000929	7.15	6.82	0.0721	0.00521	13.5	0.00275	0.0101	0.000204	0.000605	0.000419	0.288	0.0000167	0.00112	0.000479	0.00146	0.00223
2107 Jul	0.000798	0.000266	0.00108	0.072	0.0000093	7.15	6.83	0.0722	0.00522	13.5	0.00275	0.0101	0.000205	0.000606	0.00042	0.288	0.0000167	0.00112	0.000479	0.00146	0.00224
2107 Aug	0.0008	0.000266	0.00108	0.0722	0.00000932	7.16	6.84	0.0723	0.00523	13.5	0.00275	0.0101	0.000205	0.000606	0.00042	0.289	0.0000167	0.00112	0.00048	0.00146	0.00224
2107 Sep	0.0008	0.000266	0.00108	0.0722	0.00000932	7.17	6.84	0.0724	0.00523	13.5	0.00275	0.0101	0.000205	0.000606	0.000421	0.289	0.0000167	0.00112	0.00048	0.00146	0.00225
2107 Oct	0.0008	0.000266	0.00108	0.0722	0.00000932	7.16	6.83	0.0724	0.00523	13.5	0.00275	0.0101	0.000205	0.000606	0.000421	0.289	0.0000168	0.00112	0.00048	0.00146	0.00225
2107 Nov	0.0008	0.000266	0.00108	0.0722	0.00000932	7.16	6.83	0.0724	0.00523	13.5	0.00275	0.0101	0.000205	0.000606	0.000421	0.289	0.0000168	0.00112	0.00048	0.00146	0.00225
2107 Dec	0.0008	0.000266	0.00108	0.0722	0.00000932	7.16	6.83	0.0724	0.00523	13.5	0.00275	0.0101	0.000205	0.000606	0.000421	0.289	0.0000168	0.00112	0.00048	0.00146	0.00225
2108 Jan	0.0008	0.000266	0.00108	0.0722	0.00000932	7.16	6.83	0.0724	0.00523	13.5	0.00275	0.0101	0.000205	0.000606	0.000421	0.289	0.0000168	0.00112	0.00048	0.00146	0.00225
2108 Feb	0.0008	0.000266	0.00108	0.0722	0.00000932	7.16	6.83	0.0724	0.00523	13.5	0.00275	0.0101	0.000205	0.000606	0.000421	0.289	0.0000168	0.00112	0.00048	0.00146	0.00225
2108 Mar	0.0008	0.000266	0.00108	0.0722	0.00000932	7.16	6.83	0.0724	0.00523	13.5	0.00275	0.0101	0.000205	0.000606	0.000421	0.289	0.0000168	0.00112	0.00048	0.00146	0.00225
2108 Apr	0.0008	0.000266	0.00108	0.0722	0.00000932	7.17	6.84	0.0724	0.00524	13.5	0.00275	0.0101	0.000205	0.000606	0.000421	0.289	0.0000168	0.00112	0.00048	0.00146	0.00225
2108 May	0.000801	0.000267	0.00108	0.0723	0.00000933	7.17	6.84	0.0725	0.00524	13.5	0.00275	0.0101	0.000205	0.000607	0.000421	0.289	0.0000168	0.00112	0.000481	0.00146	0.00225
2108 Jun	0.0008	0.000266	0.00108	0.0724	0.00000933	7.16	6.84	0.0725	0.00525	13.5	0.00275	0.0101	0.000206	0.000606	0.000421	0.289	0.0000168	0.00111	0.000481	0.00146	0.00225
2108 Jul	0.000802	0.000267	0.00108	0.0725	0.00000935	7.18	6.85	0.0726	0.00526	13.5	0.00275	0.0102	0.000206	0.000607	0.000422	0.289	0.0000168	0.00112	0.000482	0.00146	0.00226
2108 Aug	0.000804	0.000268	0.00109	0.0727	0.00000937	7.2	6.87	0.0728	0.00527	13.6	0.00276	0.0102	0.000206	0.000608	0.000423	0.29	0.0000169	0.00112	0.000483	0.00147	0.00227
2108 Sep	0.000804	0.000268	0.00109	0.0727	0.00000937	7.2	6.87	0.0728	0.00527	13.6	0.00276	0.0102	0.000207	0.000608	0.000423	0.29	0.0000169	0.00112	0.000483	0.00147	0.00227
2108 Oct	0.000803	0.000267	0.00108	0.0727	0.00000936	7.19	6.86	0.0728	0.00527	13.5	0.00275	0.0102	0.000206	0.000607	0.000423	0.289	0.0000169	0.00112	0.000482	0.00147	0.00227
2108 Nov	0.000803	0.000267	0.00108	0.0727	0.00000936	7.19	6.86	0.0728	0.00528	13.5	0.00275	0.0102	0.000206	0.000607	0.000423	0.289	0.0000169	0.00112	0.000482	0.00147	0.00227
2108 Dec	0.000803	0.000267	0.00108	0.0727	0.00000936	7.19	6.86	0.0728	0.00528	13.5	0.00275	0.0102	0.000206	0.000607	0.000423	0.289	0.0000169	0.00112	0.000482	0.00147	0.00227
2109 Jan	0.000803	0.000267	0.00108	0.0727	0.00000936	7.19	6.86	0.0728	0.00528	13.5	0.00275	0.0102	0.000206	0.000607	0.000423	0.289	0.0000169	0.00112	0.000482	0.00147	0.00227
2109 Feb	0.000803	0.000267	0.00108	0.0727	0.00000936	7.19	6.86	0.0728	0.00528	13.5	0.00275	0.0102	0.000206	0.000607	0.000423	0.289	0.0000169	0.00112	0.000482	0.00147	0.00227
2109 Mar	0.000803	0.000267	0.00108	0.0727	0.00000936	7.19	6.86	0.0728	0.00528	13.5	0.00275	0.0102	0.000206	0.000607	0.000423	0.289	0.0000169	0.00112	0.000482	0.00147	0.00227
2109 Apr	0.000803	0.000268	0.00108	0.0727	0.00000936	7.19	6.86	0.0728	0.00528	13.5	0.00275	0.0102	0.000206	0.000607	0.000423	0.289	0.0000169	0.00112	0.000482	0.00147	0.00227

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2109 May	0.000803	0.000268	0.00108	0.0728	0.00000936	7.19	6.86	0.0728	0.00528	13.5	0.00275	0.0102	0.000207	0.000607	0.000423	0.289	0.0000169	0.00112	0.000483	0.00147	0.00227
2109 Jun	0.000804	0.000268	0.00108	0.0729	0.00000937	7.19	6.86	0.0729	0.0053	13.5	0.00275	0.0102	0.000207	0.000607	0.000423	0.289	0.000017	0.00111	0.000483	0.00147	0.00228
2109 Jul	0.000805	0.000268	0.00109	0.0731	0.00000938	7.2	6.87	0.0731	0.00531	13.5	0.00275	0.0102	0.000207	0.000607	0.000424	0.29	0.000017	0.00112	0.000484	0.00147	0.00228
2109 Aug	0.000806	0.000269	0.00109	0.0732	0.0000094	7.21	6.88	0.0732	0.00532	13.5	0.00275	0.0102	0.000208	0.000608	0.000425	0.29	0.0000171	0.00112	0.000485	0.00147	0.00229
2109 Sep	0.000806	0.000269	0.00109	0.0732	0.0000094	7.21	6.88	0.0732	0.00533	13.5	0.00275	0.0103	0.000208	0.000608	0.000425	0.29	0.0000171	0.00112	0.000485	0.00147	0.00229
2109 Oct	0.000806	0.000269	0.00108	0.0733	0.00000939	7.21	6.87	0.0733	0.00534	13.4	0.00274	0.0103	0.000208	0.000606	0.000425	0.29	0.0000171	0.00111	0.000484	0.00147	0.0023
2109 Nov	0.000806	0.000269	0.00108	0.0733	0.00000939	7.21	6.87	0.0733	0.00534	13.4	0.00274	0.0103	0.000208	0.000606	0.000425	0.29	0.0000172	0.00111	0.000484	0.00147	0.0023
2109 Dec	0.000806	0.000269	0.00108	0.0733	0.00000939	7.21	6.87	0.0733	0.00534	13.4	0.00274	0.0103	0.000208	0.000606	0.000425	0.29	0.0000172	0.00111	0.000484	0.00147	0.0023
2110 Jan	0.000806	0.000269	0.00108	0.0733	0.00000939	7.21	6.87	0.0733	0.00534	13.4	0.00274	0.0103	0.000208	0.000606	0.000425	0.29	0.0000172	0.00111	0.000484	0.00147	0.0023
2110 Feb	0.000806	0.000269	0.00108	0.0733	0.00000939	7.21	6.87	0.0733	0.00534	13.4	0.00274	0.0103	0.000208	0.000606	0.000425	0.29	0.0000172	0.00111	0.000484	0.00147	0.0023
2110 Mar	0.000806	0.000269	0.00108	0.0733	0.00000939	7.21	6.87	0.0733	0.00534	13.4	0.00274	0.0103	0.000208	0.000606	0.000425	0.29	0.0000172	0.00111	0.000485	0.00147	0.0023
2110 Apr	0.000806	0.000269	0.00108	0.0733	0.00000939	7.21	6.87	0.0733	0.00534	13.4	0.00274	0.0103	0.000208	0.000606	0.000425	0.29	0.0000172	0.00111	0.000485	0.00147	0.0023
2110 May	0.000806	0.000269	0.00108	0.0733	0.0000094	7.21	6.88	0.0733	0.00535	13.4	0.00275	0.0103	0.000208	0.000607	0.000426	0.29	0.0000172	0.00111	0.000485	0.00147	0.0023
2110 Jun	0.000805	0.000269	0.00108	0.0734	0.00000938	7.2	6.86	0.0734	0.00537	13.3	0.00273	0.0103	0.000208	0.000604	0.000426	0.289	0.0000172	0.00111	0.000485	0.00147	0.00231
2110 Jul	0.000806	0.000269	0.00108	0.0736	0.0000094	7.21	6.87	0.0735	0.00538	13.4	0.00273	0.0103	0.000209	0.000605	0.000426	0.289	0.0000173	0.00111	0.000485	0.00147	0.00232
2110 Aug	0.000805	0.000269	0.00108	0.0736	0.00000938	7.2	6.86	0.0735	0.0054	13.3	0.00272	0.0103	0.000209	0.000603	0.000426	0.288	0.0000174	0.0011	0.000485	0.00147	0.00233
2110 Sep	0.000804	0.000268	0.00107	0.0736	0.00000936	7.18	6.84	0.0735	0.00541	13.2	0.00271	0.0103	0.000209	0.000601	0.000426	0.288	0.0000174	0.0011	0.000484	0.00146	0.00233
2110 Oct	0.000802	0.000268	0.00107	0.0735	0.00000934	7.17	6.83	0.0734	0.00541	13.1	0.0027	0.0103	0.000208	0.000599	0.000425	0.287	0.0000174	0.00109	0.000483	0.00146	0.00234
2110 Nov	0.000801	0.000268	0.00107	0.0735	0.00000934	7.16	6.82	0.0733	0.00541	13.1	0.0027	0.0103	0.000208	0.000598	0.000425	0.286	0.0000174	0.00109	0.000482	0.00146	0.00234
2110 Dec	0.000801	0.000268	0.00107	0.0735	0.00000934	7.16	6.82	0.0733	0.00541	13.1	0.0027	0.0103	0.000208	0.000598	0.000425	0.286	0.0000174	0.00109	0.000482	0.00146	0.00234
2111 Jan	0.000801	0.000268	0.00107	0.0735	0.00000934	7.16	6.82	0.0733	0.00541	13.1	0.0027	0.0103	0.000208	0.000598	0.000425	0.286	0.0000174	0.00109	0.000482	0.00146	0.00234
2111 Feb	0.000801	0.000268	0.00107	0.0735	0.00000934	7.16	6.82	0.0733	0.00541	13.1	0.0027	0.0103	0.000208	0.000598	0.000425	0.286	0.0000174	0.00109	0.000482	0.00146	0.00234
2111 Mar	0.000802	0.000268	0.00107	0.0735	0.00000934	7.16	6.82	0.0733	0.00541	13.1	0.0027	0.0103	0.000208	0.000598	0.000425	0.286	0.0000174	0.00109	0.000482	0.00146	0.00234
2111 Apr	0.000802	0.000268	0.00107	0.0735	0.00000934	7.16	6.83	0.0734	0.00541	13.1	0.0027	0.0103	0.000208	0.000598	0.000425	0.287	0.0000174	0.00109	0.000483	0.00146	0.00234
2111 May	0.000802	0.000268	0.00107	0.0735	0.00000935	7.17	6.83	0.0734	0.00542	13.1	0.0027	0.0103	0.000208	0.000598	0.000426	0.287	0.0000174	0.00109	0.000483	0.00146	0.00234
2111 Jun	0.0008	0.000268	0.00107	0.0736	0.00000933	7.15	6.81	0.0734	0.00542	13.1	0.00269	0.0103	0.000208	0.000596	0.000425	0.286	0.0000175	0.00109	0.000483	0.00146	0.00234
2111 Jul	0.000802	0.000268	0.00107	0.0738	0.00000935	7.17	6.83	0.0735	0.00543	13.1	0.00269	0.0103	0.000209	0.000598	0.000426	0.286	0.0000175	0.00109	0.000484	0.00146	0.00235
2111 Aug	0.000802	0.000268	0.00107	0.0738	0.00000935	7.16	6.82	0.0735	0.00544	13	0.00269	0.0103	0.000209	0.000597	0.000426	0.286	0.0000175	0.00109	0.000483	0.00146	0.00235
2111 Sep	0.000802	0.000268	0.00107	0.0738	0.00000935	7.16	6.82	0.0735	0.00545	13	0.00269	0.0103	0.000209	0.000596	0.000426	0.286	0.0000176	0.00108	0.000483	0.00146	0.00236
2111 Oct	0.0008	0.000268	0.00106	0.0738	0.00000933	7.14	6.81	0.0735	0.00545	13	0.00268	0.0103	0.000209	0.000594	0.000426	0.285	0.0000176	0.00108	0.000482	0.00146	0.00236
2111 Nov	0.000799	0.000267	0.00106	0.0737	0.00000932	7.14	6.8	0.0734	0.00544	13	0.00267	0.0103	0.000209	0.000593	0.000425	0.285	0.0000176	0.00108	0.000482	0.00146	0.00236
2111 Dec	0.000799	0.000267	0.00106	0.0737	0.00000932	7.14	6.8	0.0734	0.00545	13	0.00267	0.0103	0.000209	0.000593	0.000425	0.285	0.0000176	0.00108	0.000482	0.00146	0.00236
2112 Jan	0.000799	0.000267	0.00106	0.0737	0.00000932	7.14	6.8	0.0734	0.00545	13	0.00267	0.0103	0.000209	0.000593	0.000425	0.285	0.0000176	0.00108	0.000482	0.00146	0.00236
2112 Feb	0.000799	0.000267	0.00106	0.0737	0.00000932	7.14	6.8	0.0734	0.00545	13	0.00267	0.0103	0.000209	0.000593	0.000425	0.285	0.0000176	0.00108	0.000482	0.00146	0.00236
2112 Mar	0.000799	0.000268	0.00106	0.0737	0.00000932	7.14	6.8	0.0734	0.00545	13	0.00267	0.0103	0.000209	0.000594	0.000425	0.285	0.0000176	0.00108	0.000482	0.00146	0.00236
2112 Apr	0.0008	0.000268	0.00106	0.0737	0.00000933	7.14	6.8	0.0734	0.00545	13	0.00267	0.0103	0.000209	0.000594	0.000425	0.285	0.0000176	0.00108	0.000482	0.00146	0.00236
2112 May	0.0008	0.000268	0.00106	0.0738	0.00000933	7.14	6.8	0.0735	0.00545	12.9	0.00267	0.0103	0.000209	0.000593	0.000426	0.285	0.0000176	0.00108	0.000482	0.00146	0.00236
2112 Jun	0.000795	0.000267	0.00106	0.0737	0.00000928	7.09	6.76	0.0732	0.00544	12.8	0.00265	0.0103	0.000209	0.000588	0.000424	0.283	0.0000176	0.00107	0.00048	0.00145	0.00237
2112 Jul	0.000795	0.000267	0.00105	0.0738	0.00000929	7.09	6.76	0.0733	0.00545	12.8	0.00265	0.0103	0.000209	0.000588	0.000424	0.283	0.0000176	0.00107	0.000481	0.00145	0.00237
2112 Aug	0.000796	0.000267	0.00106	0.0739	0.0000093	7.1	6.77	0.0734	0.00546	12.8	0.00265	0.0103	0.000209	0.000589	0.000424	0.283	0.0000176	0.00107	0.000481	0.00145	0.00238
2112 Sep	0.000796	0.000267	0.00106	0.0739	0.0000093	7.1	6.76	0.0734	0.00546	12.8	0.00265	0.0103	0.000209	0.000589	0.000424	0.283	0.0000176	0.00107	0.000481	0.00145	0.00238
2112 Oct	0.000796	0.000267	0.00105	0.0739	0.00000929	7.1	6.76	0.0734	0.00546	12.8	0.00265	0.0103	0.000209	0.000588	0.000424	0.283	0.0000177	0.00107	0.000481	0.00145	0.00238
2112 Nov	0.000796	0.000267	0.00105	0.0739	0.00000929	7.1	6.76	0.0734	0.00546	12.8	0.00265	0.0103	0.000209	0.000588	0.000424	0.283	0.0000177	0.00106	0.000481	0.00145	0.00238
2112 Dec	0.000796	0.000267	0.00105	0.0739	0.00000929	7.1	6.76	0.0734	0.00546	12.8	0.00265	0.0103	0.000209	0.000588	0.000424	0.283	0.0000177	0.00106	0.000481	0.00145	0.00238
2113 Jan	0.000796	0.000267	0.00105	0.0739	0.00000929	7.1	6.76	0.0734	0.00546	12.8	0.00265	0.0103	0.000209	0.000588	0.000424	0.283	0.0000177	0.00106	0.000481	0.00145	0.00238
2113 Feb	0.000796	0.000267	0.00105	0.0739	0.00000929	7.1	6.76	0.0734	0.00546	12.8	0.00265	0.0103	0.000209	0.000588	0.000424	0.283	0.0000177	0.00106	0.000481	0.00145	0.00238
2113 Mar	0.000796	0.000267	0.00105	0.074	0.0000093	7.1	6.76	0.0734	0.00546	12.8	0.00265	0.0103	0.000209	0.000588	0.000424	0.283	0.0000177	0.00107	0.000481	0.00145	0.00238
2113 Apr	0.000796	0.000267	0.00106	0.074	0.0000093	7.1	6.76	0.0734	0.00547	12.8	0.00265	0.0104	0.000209	0.000588	0.000424	0.283	0.0000177	0.00107	0.000481	0.00145	0.00238
2113 May	0.000796	0.000267	0.00106	0.074	0.0000093	7.1	6.76	0.0734	0.00547	12.8	0.00265	0.0104	0.000209	0.000588	0.000425	0.283	0.0000177	0.00107	0.000482	0.00145	0.00238
2113 Jun	0.000795	0.000267	0.00105	0.0741	0.00000928	7.08	6.75	0.0734	0.00547	12.7	0.00264	0.0104	0.00021	0.000586	0.000424	0.282	0.0000177	0.00106	0.000481	0.00145	0.00239
2113 Jul	0.000796	0.000268	0.00105	0.0742	0.0000093	7.09	6.76	0.0735	0.00548	12.7	0.00264	0.0104	0.00021	0.000587	0.000425	0.282	0.0000177	0.00106	0.000482	0.00145	0.00239
2113 Aug	0.000797	0.000268	0.00105	0.0743	0.00000931	7.1	6.77	0.0736	0.00549	12.7	0.00264	0.0104	0.00021	0.000587	0.000425	0.283	0.0000177	0.00106	0.000483	0.00145	0.00239
2113 Sep	0.000796	0.000268	0.00105	0.0743	0.00000931	7.1	6.76	0.0736	0.00549	12.7	0.00264	0.0104	0.00021	0.000587	0.000425	0.282	0.0000178	0.00106	0.000482	0.00145	0.0024
2113 Oct	0.000794	0.000267	0.00105	0.0742	0.00000928	7.08	6.74	0.0735	0.00549	12.6	0.00263	0.0104	0.00021	0.000584	0.000424	0.281	0.0000178	0.00106	0.000481	0.00145	0.0024
2113 Nov	0.000794	0.000267	0.00105	0.0742	0.00000928	7.07	6.74	0.0734	0.00549	12.6	0.00262	0.0104	0.00021	0.000584	0.000424	0.281	0.0000178	0.00105	0.000481	0.00145	0.0024
2113 Dec	0.000794	0.000267	0.00105	0.0742	0.00000928	7.07	6.74	0.0734	0.00549	12.6	0.00262	0.0104	0.00021	0.000584	0.000424	0.281	0.0000178	0.00105	0.000481	0.00145	0.0024
2114 Jan	0.000794	0.000267	0.00105	0.0742	0.00000928	7.07	6.74	0.0734	0.00549	12.6	0.00262	0.0104	0.00021	0.000584	0.000424	0.281	0.0000178	0.00105	0.000481	0.00145	0.0024
2114 Feb	0.000794	0.000267	0.00105	0.0742	0.00000928	7.07	6.74	0.0734	0.00549	12.6	0.00262	0.0104	0.00021	0.000584	0.000424	0.281	0.0000178	0.00105	0.000481	0.00145	0.0024
2114 Mar	0.000794	0.000267	0.00105	0.0742	0.00000928	7.07	6.74	0.0734	0.00549	12.6	0.00262	0.0104	0.00021	0.000584	0.000424	0.281	0.0000178	0.00105	0.000481	0.00145	0.0024
2114 Apr	0.000794	0.000267	0.00105	0.0742	0.00000928	7.07	6.74	0.0735	0.00549	12.6	0.00263	0.0104	0.00021	0.000584	0.000424	0.281	0.0000178	0.00105	0.000481	0.00145	0.0024
2114 May	0.000794	0.000267	0.00105	0.0743	0.00000928	7.07	6.73	0.0735	0.00549	12.6	0.00262	0.0104	0.00021	0.000583	0.000424	0.281	0.0000178	0.00105	0.000481	0.00145	0.0024
2114 Jun	0.000793	0.000267	0.00105	0.0744	0.00000928	7.07	6.73	0.0735	0.0055	12.6	0.00262	0.0104	0.000211	0.000583	0.000424	0.281	0.0000178	0.00105	0.000482	0.00145	0.00241
2114 Jul	0.000795	0.000268	0.00105	0.0746	0.0000093	7.08	6.75	0.0737	0.00552	12.6	0.00263	0.0104	0.000211	0.000584	0.000425	0.282	0.0000179	0.00105	0.000483	0.00145	0.00241
2114 Aug	0.000797	0.000269	0.00105	0.0748	0.00000933	7.1	6.77	0.0739	0.00553	12.7	0.00263	0.0104	0.000212	0.000586	0.000426	0.282	0.0000179	0.00106	0.000484	0.00145	0.00242
2114 Sep	0.000797	0.000269	0.00105	0.0748	0.00000932	7.1	6.76	0.0738	0.00553	12.6	0.00263	0.0104	0.000212	0.000585	0.000426	0.282	0.0000179	0.00106	0.000484	0.00145	0.00242

Appendix C.3-2: TIRI Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000155	0.0000921	0.000833	0.013	0.00000203	1.64	1.98	0.00966	0.000285	12.1	0.00123	0.00411	0.000038	0.000135	0.0000839	0.0569	0.00000182	0.000268	0.000109	0.0008	0.000305
Post Closure (2039-2048): Mean	0.000602	0.000204	0.00105	0.049	0.0000071	5.54	5.41	0.0496	0.00318	16.6	0.00247	0.00767	0.000137	0.000494	0.000305	0.227	0.0000101	0.000956	0.000351	0.00126	0.0014
Post Closure (2039-2048): Max	0.000806	0.000273	0.00113	0.0772	0.0000094	7.24	6.92	0.0752	0.00572	20.2	0.00292	0.0107	0.000219	0.000629	0.00043	0.295	0.0000186	0.0012	0.00049	0.00147	0.00257
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2114 Oct	0.000796	0.000268	0.00105	0.0747	0.00000931	7.09	6.75	0.0738	0.00553	12.6	0.00262	0.0104	0.000212	0.000584	0.000426	0.282	0.0000179	0.00105	0.000483	0.00145	0.00242
2114 Nov	0.000795	0.000268	0.00105	0.0747	0.0000093	7.08	6.74	0.0738	0.00553	12.6	0.00262	0.0104	0.000211	0.000583	0.000425	0.281	0.0000179	0.00105	0.000483	0.00145	0.00243
2114 Dec	0.000795	0.000268	0.00105	0.0747	0.0000093	7.08	6.74	0.0738	0.00553	12.6	0.00262	0.0104	0.000211	0.000583	0.000425	0.281	0.0000179	0.00105	0.000483	0.00145	0.00243
2115 Jan	0.000795	0.000268	0.00105	0.0747	0.0000093	7.08	6.74	0.0738	0.00553	12.6	0.00262	0.0104	0.000211	0.000583	0.000425	0.281	0.0000179	0.00105	0.000483	0.00145	0.00243
2115 Feb	0.000795	0.000268	0.00105	0.0747	0.0000093	7.08	6.74	0.0738	0.00553	12.6	0.00262	0.0104	0.000211	0.000583	0.000425	0.281	0.0000179	0.00105	0.000483	0.00145	0.00243
2115 Mar	0.000795	0.000268	0.00105	0.0747	0.0000093	7.08	6.74	0.0738	0.00553	12.6	0.00262	0.0104	0.000211	0.000583	0.000425	0.281	0.0000179	0.00105	0.000483	0.00145	0.00243
2115 Apr	0.000795	0.000268	0.00105	0.0747	0.0000093	7.08	6.74	0.0738	0.00553	12.6	0.00262	0.0104	0.000211	0.000583	0.000425	0.281	0.0000179	0.00105	0.000483	0.00145	0.00243
2115 May	0.000795	0.000268	0.00105	0.0748	0.0000093	7.08	6.74	0.0738	0.00554	12.6	0.00262	0.0104	0.000212	0.000582	0.000425	0.281	0.0000179	0.00105	0.000483	0.00145	0.00243
2115 Jun	0.000796	0.000269	0.00105	0.0749	0.00000931	7.08	6.75	0.0739	0.00555	12.6	0.00262	0.0105	0.000212	0.000583	0.000426	0.281	0.000018	0.00105	0.000484	0.00145	0.00244
2115 Jul	0.000798	0.000269	0.00105	0.0751	0.00000933	7.1	6.76	0.0741	0.00556	12.6	0.00262	0.0105	0.000213	0.000584	0.000427	0.282	0.000018	0.00105	0.000485	0.00145	0.00244
2115 Aug	0.000797	0.000269	0.00105	0.0751	0.00000933	7.09	6.76	0.0741	0.00556	12.6	0.00262	0.0105	0.000213	0.000583	0.000427	0.282	0.000018	0.00105	0.000485	0.00145	0.00245
2115 Sep	0.000797	0.000269	0.00105	0.0752	0.00000933	7.09	6.76	0.0741	0.00557	12.5	0.00262	0.0105	0.000213	0.000583	0.000427	0.282	0.0000181	0.00105	0.000485	0.00145	0.00245
2115 Oct	0.000797	0.000269	0.00105	0.0752	0.00000933	7.09	6.76	0.0741	0.00557	12.5	0.00262	0.0105	0.000213	0.000583	0.000427	0.281	0.0000181	0.00105	0.000485	0.00145	0.00245
2115 Nov	0.000797	0.000269	0.00105	0.0752	0.00000933	7.09	6.75	0.0741	0.00557	12.5	0.00261	0.0105	0.000213	0.000582	0.000427	0.281	0.0000181	0.00105	0.000484	0.00145	0.00245
2115 Dec	0.000797	0.000269	0.00105	0.0752	0.00000933	7.09	6.75	0.0741	0.00557	12.5	0.00261	0.0105	0.000213	0.000582	0.000427	0.281	0.0000181	0.00105	0.000484	0.00145	0.00245
2116 Jan	0.000797	0.000269	0.00105	0.0752	0.00000933	7.09	6.75	0.0741	0.00557	12.5	0.00261	0.0105	0.000213	0.000582	0.000427	0.281	0.0000181	0.00105	0.000484	0.00145	0.00245
2116 Feb	0.000797	0.000269	0.00105	0.0752	0.00000933	7.09	6.75	0.0741	0.00557	12.5	0.00261	0.0105	0.000213	0.000582	0.000427	0.281	0.0000181	0.00105	0.000484	0.00145	0.00245
2116 Mar	0.000797	0.000269	0.00105	0.0752	0.00000933	7.09	6.75	0.0741	0.00557	12.5	0.00261	0.0105	0.000213	0.000582	0.000427	0.281	0.0000181	0.00105	0.000484	0.00145	0.00245
2116 Apr	0.000797	0.000269	0.00105	0.0752	0.00000933	7.09	6.76	0.0741	0.00558	12.5	0.00261	0.0105	0.000213	0.000582	0.000427	0.281	0.0000181	0.00105	0.000485	0.00145	0.00245
2116 May	0.000797	0.000269	0.00105	0.0753	0.00000933	7.09	6.76	0.0742	0.00558	12.5	0.00261	0.0105	0.000213	0.000582	0.000427	0.281	0.0000181	0.00105	0.000485	0.00145	0.00246
2116 Jun	0.000794	0.000269	0.00104	0.0753	0.0000093	7.06	6.73	0.0741	0.00558	12.4	0.00259	0.0105	0.000213	0.000578	0.000426	0.28	0.0000181	0.00104	0.000484	0.00145	0.00247
2116 Jul	0.000796	0.00027	0.00105	0.0755	0.00000932	7.08	6.74	0.0743	0.0056	12.4	0.0026	0.0105	0.000214	0.00058	0.000427	0.28	0.0000182	0.00104	0.000485	0.00145	0.00247
2116 Aug	0.000798	0.00027	0.00105	0.0756	0.00000934	7.09	6.76	0.0744	0.00561	12.5	0.0026	0.0105	0.000214	0.000581	0.000428	0.281	0.0000182	0.00104	0.000486	0.00145	0.00248
2116 Sep	0.000797	0.00027	0.00105	0.0756	0.00000933	7.08	6.75	0.0743	0.00561	12.4	0.0026	0.0105	0.000214	0.000579	0.000428	0.281	0.0000182	0.00104	0.000486	0.00145	0.00248
2116 Oct	0.000795	0.00027	0.00104	0.0756	0.00000932	7.07	6.73	0.0743	0.00561	12.4	0.00259	0.0105	0.000214	0.000578	0.000427	0.28	0.0000182	0.00104	0.000485	0.00145	0.00249
2116 Nov	0.000795	0.00027	0.00104	0.0756	0.00000932	7.07	6.73	0.0743	0.00561	12.4	0.00259	0.0105	0.000214	0.000578	0.000427	0.28	0.0000182	0.00104	0.000485	0.00145	0.00249
2116 Dec	0.000795	0.00027	0.00104	0.0756	0.00000932	7.07	6.73	0.0743	0.00561	12.4	0.00259	0.0105	0.000214	0.000578	0.000427	0.28	0.0000182	0.00104	0.000485	0.00145	0.00249
2117 Jan	0.000795	0.00027	0.00104	0.0756	0.00000932	7.07	6.73	0.0743	0.00561	12.4	0.00259	0.0105	0.000214	0.000578	0.000427	0.28	0.0000182	0.00104	0.000485	0.00145	0.00249
2117 Feb	0.000795	0.00027	0.00104	0.0756	0.00000932	7.07	6.73	0.0743	0.00561	12.4	0.00259	0.0105	0.000214	0.000578	0.000427	0.28	0.0000182	0.00104	0.000485	0.00145	0.00249
2117 Mar	0.000795	0.00027	0.00104	0.0756	0.00000932	7.07	6.73	0.0743	0.00561	12.4	0.00259	0.0105	0.000214	0.000578	0.000427	0.28	0.0000182	0.00104	0.000485	0.00145	0.00249
2117 Apr	0.000796	0.00027	0.00104	0.0756	0.00000932	7.07	6.74	0.0743	0.00561	12.4	0.00259	0.0105	0.000214	0.000578	0.000427	0.28	0.0000182	0.00104	0.000485	0.00145	0.00249
2117 May	0.000796	0.00027	0.00104	0.0757	0.00000933	7.07	6.74	0.0744	0.00562	12.4	0.00259	0.0105	0.000214	0.000578	0.000428	0.28	0.0000182	0.00104	0.000485	0.00145	0.00249
2117 Jun	0.000796	0.00027	0.00104	0.0758	0.00000933	7.07	6.74	0.0744	0.00562	12.4	0.00259	0.0106	0.000215	0.000578	0.000428	0.28	0.0000183	0.00103	0.000486	0.00145	0.0025
2117 Jul	0.000798	0.000271	0.00105	0.076	0.00000935	7.09	6.75	0.0746	0.00564	12.4	0.0026	0.0106	0.000215	0.000579	0.000429	0.281	0.0000183	0.00104	0.000487	0.00145	0.0025
2117 Aug	0.000799	0.000271	0.00105	0.0761	0.00000936	7.1	6.76	0.0747	0.00564	12.4	0.0026	0.0106	0.000216	0.00058	0.000429	0.281	0.0000183	0.00104	0.000488	0.00145	0.0025
2117 Sep	0.000799	0.000271	0.00105	0.0761	0.00000937	7.1	6.76	0.0747	0.00565	12.4	0.0026	0.0106	0.000216	0.00058	0.000429	0.281	0.0000183	0.00104	0.000488	0.00145	0.00251
2117 Oct	0.000799	0.000271	0.00105	0.0761	0.00000936	7.1	6.76	0.0747	0.00565	12.4	0.0026	0.0106	0.000216	0.00058	0.000429	0.281	0.0000183	0.00104	0.000488	0.00145	0.00251
2117 Nov	0.000799	0.000271	0.00105	0.0761	0.00000936	7.1	6.76	0.0747	0.00565	12.4	0.0026	0.0106	0.000216	0.000579	0.000429	0.281	0.0000183	0.00104	0.000488	0.00145	0.00251
2117 Dec	0.000799	0.000271	0.00105	0.0761	0.00000936	7.1	6.76	0.0747	0.00565	12.4	0.0026	0.0106	0.000216	0.000579	0.000429	0.281	0.0000183	0.00104	0.000488	0.00145	0.00251
2118 Jan	0.000799	0.000271	0.00105	0.0761	0.00000936	7.1	6.76	0.0747	0.00565	12.4	0.0026	0.0106	0.000216	0.000579	0.000429	0.281	0.0000184	0.00104	0.000488	0.00145	0.00251
2118 Feb	0.000799	0.000271	0.00105	0.0761	0.00000936	7.1	6.76	0.0747	0.00565	12.4	0.0026	0.0106	0.000216	0.000579	0.000429	0.281	0.0000184	0.00104	0.000488	0.00145	0.00251
2118 Mar	0.000799	0.000271	0.00105	0.0761	0.00000936	7.1	6.76	0.0747	0.00565	12.4	0.0026	0.0106	0.000216	0.000579	0.000429	0.281	0.0000184	0.00104	0.000488	0.00145	0.00251
2118 Apr	0.000799	0.000271	0.00105	0.0761	0.00000936	7.1	6.76	0.0747	0.00565	12.4	0.0026	0.0106	0.000216	0.000579	0.000429	0.281	0.0000184	0.00104	0.000488	0.00145	0.00251
2118 May	0.000798	0.000271	0.00105	0.0763	0.00000936	7.09	6.76	0.0748	0.00566	12.4	0.00259	0.0106	0.000216	0.000579	0.000429	0.281	0.0000184	0.00103	0.000488	0.00145	0.00251
2118 Jun	0.000796	0.000271	0.00104	0.0764	0.00000934	7.07	6.74	0.0748	0.00566	12.3	0.00258	0.0106	0.000217	0.000576	0.000429	0.279	0.0000184	0.00103	0.000488	0.00145	0.00252
2118 Jul	0.000798	0.000272	0.00104	0.0766	0.00000936	7.09	6.76	0.075	0.00568	12.3	0.00259	0.0106	0.000217	0.000577	0.00043	0.28	0.0000185	0.00103	0.000489	0.00145	0.00253
2118 Aug	0.000799	0.000272	0.00104	0.0766	0.00000937	7.09	6.76	0.075	0.00568	12.3	0.00258	0.0106	0.000217	0.000577	0.00043	0.28	0.0000185	0.00103	0.000489	0.00145	0.00253
2118 Sep	0.000797	0.000272	0.00104	0.0766	0.00000935	7.07	6.74	0.0749	0.00569	12.2	0.00257	0.0106	0.000218	0.000575	0.000429	0.279	0.0000185	0.00102	0.000489	0.00145	0.00254
2118 Oct	0.000796	0.000271	0.00104	0.0766	0.00000934	7.06	6.73	0.0749	0.00569	12.2	0.00257	0.0106	0.000218	0.000573	0.000429	0.279	0.0000185	0.00102	0.000488	0.00145	0.00254
2118 Nov	0.000795	0.000271	0.00104	0.0766	0.00000933	7.06	6.73	0.0749	0.00569	12.2	0.00256	0.0106	0.000218	0.000573	0.000429	0.279	0.0000185	0.00102	0.000488	0.00145	0.00254
2118 Dec	0.000795	0.000271	0.00104	0.0766	0.00000933	7.06	6.73	0.0749	0.00569	12.2	0.00256	0.0106	0.000218	0.000573	0.000429	0.279	0.0000185	0.00102	0.000488	0.00145	0.00254
2119 Jan	0.000795	0.000271	0.00104	0.0766	0.00000933	7.06	6.73	0.0749	0.00569	12.2	0.00256	0.0106	0.000218	0.000573	0.000429	0.279	0.0000185	0.00102	0.000488	0.00145	0.00254
2119 Feb	0.000796	0.000271	0.00104	0.0766	0.00000933	7.06	6.73	0.0749	0.00569	12.2	0.00256	0.0106	0.000218	0.000573	0.000429	0.279	0.0000185	0.00102	0.000488	0.00145	0.00254
2119 Mar	0.000796	0.000271	0.00104	0.0767	0.00000933	7.06	6.73	0.0749	0.00569	12.2	0.00256	0.0106	0.000218	0.000573	0.000429	0.279	0.0000185	0.00102	0.000488	0.00145	0.00254
2119 Apr	0.000796	0.000272	0.00104	0.0767	0.00000934	7.06	6.73	0.0749	0.00569	12.2	0.00256	0.0106	0.000218	0.000573	0.000429	0.279	0.0000185	0.00102	0.000488	0.00145	0.00255
2119 May	0.000794	0.000272	0.00104	0.0768	0.00000932	7.05	6.72	0.0749	0.00569	12.1	0.00256	0.0106	0.000218	0.000571	0.000429	0.278	0.0000185	0.00102	0.000488	0.00145	0.00255
2119 Jun	0.000793	0.000272	0.00103	0.0769	0.00000931	7.04	6.71	0.0749	0.00569	12.1	0.00255	0.0106	0.000218	0.00057	0.000428	0.278	0.0000185	0.00101	0.000488	0.00144	0.00255
2119 Jul	0.000795	0.000272	0.00104	0.0771	0.00000934	7.05	6.72	0.0751	0.00571	12.1	0.00256	0.0107	0.000219	0.000571	0.000429	0.278	0.0000186	0.00101	0.00049	0.00145	0.00256
2119 Aug	0.000796	0.000273	0.00104	0.0772	0.00000935	7.06	6.73	0.0752	0.00571	12.1	0.00256	0.0107	0.000219	0.000572	0.00043	0.278	0.0000186	0.00102	0.00049	0.00145	0.00256
2119 Sep	0.000795	0.000273	0.00104	0.0772	0.00000934	7.05	6.72	0.0752	0.00572	12.1	0.00255	0.0107	0.000219	0.00057	0.000429	0.278	0.0000186	0.00101	0.00049	0.00145	0.00257
2119 Oct	0.000794	0.000272	0.00103	0.0772	0.00000933	7.04	6.71	0.0751	0.00572	12.1	0.00255	0.0107	0.000219	0.000569	0.000429	0.278	0.0000186	0.00101	0.00049	0.00144	0.00257
2119 Nov	0.000794	0.000272	0.00103	0.0772	0.00000932	7.04	6.71	0.0751	0.00572	12.1	0.00254	0.0107	0.000219	0.000569	0.000429	0.277	0.0000186	0.00101	0.000489	0.00144	0.00257
2119 Dec	0.000794	0.000272	0.00103	0.0772	0.00000932	7.04	6.71	0.0751	0.00572	12.1	0.00254	0.0107	0.000219	0.000569	0.000429	0.277	0.0000186	0.00101	0.000489	0.00144	0.00257

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
Model Predictions (2039-2119)																	
2039 Jan	95.6	0.184	1.6	0.00653	38	0.0371	14.1	0.000916	0.000909	0.00000478	0.00388	0.000838	0.0269	0.0108	0.00000496	10.6	0.0000107
2039 Feb	98.8	0.19	1.65	0.00675	39.3	0.0383	14.6	0.000946	0.000939	0.00000494	0.00401	0.000866	0.0278	0.0111	0.00000513	10.9	0.000011
2039 Mar	98.8	0.19	1.65	0.00675	39.3	0.0383	14.6	0.000946	0.000939	0.00000494	0.00401	0.000866	0.0278	0.0111	0.00000513	10.9	0.000011
2039 Apr	98.8	0.19	1.65	0.00675	39.3	0.0383	14.6	0.000946	0.000939	0.00000494	0.00401	0.000866	0.0278	0.0111	0.00000513	10.9	0.000011
2039 May	98.9	0.19	1.65	0.00675	39.3	0.0384	14.6	0.000947	0.00094	0.00000494	0.00402	0.000867	0.0279	0.0112	0.00000513	10.9	0.000011
2039 Jun	98.2	0.188	1.63	0.00669	39.1	0.0381	14.5	0.000942	0.000935	0.00000491	0.00399	0.00086	0.0277	0.0111	0.00000511	10.9	0.000011
2039 Jul	97.3	0.186	1.61	0.00661	38.8	0.0378	14.3	0.000936	0.000929	0.00000488	0.00396	0.000852	0.0274	0.011	0.00000507	10.8	0.0000109
2039 Aug	97.2	0.186	1.6	0.0066	38.7	0.0378	14.3	0.000935	0.000928	0.00000488	0.00396	0.000851	0.0274	0.011	0.00000507	10.7	0.0000109
2039 Sep	97.3	0.186	1.6	0.0066	38.7	0.0378	14.3	0.000936	0.000929	0.00000488	0.00396	0.000852	0.0274	0.011	0.00000507	10.8	0.0000109
2039 Oct	97.3	0.186	1.6	0.0066	38.7	0.0378	14.3	0.000936	0.000929	0.00000488	0.00396	0.000852	0.0274	0.011	0.00000507	10.8	0.0000109
2039 Nov	97.3	0.186	1.6	0.0066	38.7	0.0378	14.3	0.000936	0.000929	0.00000488	0.00396	0.000852	0.0274	0.011	0.00000507	10.8	0.0000109
2039 Dec	97.3	0.186	1.6	0.0066	38.7	0.0378	14.3	0.000936	0.000929	0.00000488	0.00396	0.000852	0.0274	0.011	0.00000507	10.8	0.0000109
2040 Jan	97.3	0.186	1.6	0.0066	38.7	0.0378	14.3	0.000936	0.000929	0.00000488	0.00396	0.000852	0.0274	0.011	0.00000507	10.8	0.0000109
2040 Feb	97.3	0.186	1.6	0.0066	38.7	0.0378	14.3	0.000936	0.000929	0.00000488	0.00396	0.000852	0.0274	0.011	0.00000507	10.8	0.0000109
2040 Mar	97.3	0.186	1.6	0.0066	38.7	0.0378	14.3	0.000936	0.000929	0.00000488	0.00396	0.000852	0.0274	0.011	0.00000507	10.8	0.0000109
2040 Apr	97.3	0.186	1.6	0.00661	38.7	0.0378	14.3	0.000936	0.000929	0.00000488	0.00396	0.000852	0.0274	0.011	0.00000507	10.8	0.0000109
2040 May	97.3	0.186	1.6	0.00661	38.8	0.0379	14.3	0.000937	0.00093	0.00000488	0.00397	0.000853	0.0274	0.011	0.00000508	10.8	0.0000109
2040 Jun	96.4	0.183	1.58	0.00653	38.4	0.0375	14.2	0.000929	0.000922	0.00000484	0.00393	0.000845	0.0271	0.0109	0.00000503	10.7	0.0000108
2040 Jul	96.3	0.183	1.58	0.00651	38.4	0.0375	14.2	0.000929	0.000922	0.00000484	0.00393	0.000844	0.0271	0.0109	0.00000503	10.7	0.0000108
2040 Aug	96.5	0.183	1.58	0.00652	38.4	0.0376	14.2	0.00093	0.000923	0.00000485	0.00394	0.000845	0.0271	0.0109	0.00000504	10.7	0.0000108
2040 Sep	96.5	0.183	1.58	0.00652	38.4	0.0376	14.2	0.000931	0.000924	0.00000485	0.00394	0.000846	0.0271	0.0109	0.00000504	10.7	0.0000108
2040 Oct	96.5	0.183	1.58	0.00653	38.4	0.0376	14.2	0.000931	0.000924	0.00000485	0.00394	0.000846	0.0272	0.0109	0.00000504	10.7	0.0000108
2040 Nov	96.5	0.183	1.58	0.00653	38.4	0.0376	14.2	0.000931	0.000924	0.00000485	0.00394	0.000846	0.0272	0.0109	0.00000504	10.7	0.0000108
2040 Dec	96.5	0.183	1.58	0.00653	38.4	0.0376	14.2	0.000931	0.000924	0.00000485	0.00394	0.000846	0.0272	0.0109	0.00000504	10.7	0.0000108
2041 Jan	96.5	0.183	1.58	0.00653	38.4	0.0376	14.2	0.000931	0.000924	0.00000485	0.00394	0.000846	0.0272	0.0109	0.00000504	10.7	0.0000108
2041 Feb	96.5	0.183	1.58	0.00653	38.4	0.0376	14.2	0.000931	0.000924	0.00000485	0.00394	0.000846	0.0272	0.0109	0.00000504	10.7	0.0000108
2041 Mar	96.5	0.183	1.58	0.00653	38.4	0.0376	14.2	0.000931	0.000924	0.00000486	0.00394	0.000846	0.0272	0.0109	0.00000504	10.7	0.0000108
2041 Apr	96.5	0.183	1.58	0.00653	38.4	0.0376	14.2	0.000931	0.000924	0.00000486	0.00394	0.000846	0.0272	0.0109	0.00000504	10.7	0.0000108
2041 May	96.6	0.183	1.58	0.00653	38.5	0.0376	14.2	0.000931	0.000925	0.00000486	0.00394	0.000846	0.0272	0.0109	0.00000505	10.7	0.0000108
2041 Jun	95.8	0.181	1.56	0.00647	38.2	0.0373	14.1	0.000926	0.000919	0.00000483	0.00392	0.00084	0.027	0.0109	0.00000502	10.6	0.0000108
2041 Jul	94.8	0.178	1.53	0.00637	37.8	0.037	14	0.000918	0.000912	0.00000479	0.00388	0.00083	0.0267	0.0108	0.00000497	10.5	0.0000106
2041 Aug	95	0.179	1.53	0.00638	37.8	0.0371	14	0.00092	0.000913	0.0000048	0.00389	0.000832	0.0267	0.0108	0.00000498	10.5	0.0000107
2041 Sep	95	0.179	1.53	0.00639	37.9	0.0371	14	0.000921	0.000914	0.0000048	0.00389	0.000832	0.0267	0.0108	0.00000499	10.6	0.0000107
2041 Oct	95	0.179	1.53	0.00639	37.9	0.0371	14	0.000921	0.000914	0.0000048	0.00389	0.000832	0.0267	0.0108	0.00000499	10.6	0.0000107
2041 Nov	95	0.179	1.53	0.00639	37.9	0.0371	14	0.000921	0.000914	0.0000048	0.00389	0.000832	0.0267	0.0108	0.00000499	10.6	0.0000107
2041 Dec	95	0.179	1.53	0.00639	37.9	0.0371	14	0.000921	0.000914	0.0000048	0.00389	0.000832	0.0267	0.0108	0.00000499	10.6	0.0000107
2042 Jan	95	0.179	1.53	0.00639	37.9	0.0371	14	0.000921	0.000914	0.0000048	0.00389	0.000832	0.0267	0.0108	0.00000499	10.6	0.0000107
2042 Feb	95	0.179	1.53	0.00639	37.9	0.0371	14	0.000921	0.000914	0.0000048	0.00389	0.000832	0.0267	0.0108	0.00000499	10.6	0.0000107
2042 Mar	95	0.179	1.53	0.00639	37.9	0.0371	14	0.000921	0.000914	0.0000048	0.00389	0.000832	0.0267	0.0108	0.00000499	10.6	0.0000107
2042 Apr	95.1	0.179	1.53	0.00639	37.9	0.0371	14	0.000921	0.000914	0.0000048	0.0039	0.000832	0.0267	0.0108	0.00000499	10.6	0.0000107
2042 May	95.1	0.179	1.54	0.00639	37.9	0.0371	14	0.000922	0.000915	0.00000481	0.0039	0.000833	0.0268	0.0108	0.00000499	10.6	0.0000107
2042 Jun	94.7	0.178	1.52	0.00636	37.7	0.037	13.9	0.000918	0.000912	0.00000479	0.00388	0.000829	0.0266	0.0108	0.00000497	10.5	0.0000106
2042 Jul	94.3	0.177	1.51	0.00632	37.6	0.0368	13.9	0.000915	0.000909	0.00000477	0.00387	0.000826	0.0265	0.0107	0.00000496	10.5	0.0000106
2042 Aug	93.9	0.176	1.5	0.00628	37.4	0.0367	13.8	0.000912	0.000906	0.00000476	0.00386	0.000822	0.0264	0.0107	0.00000494	10.4	0.0000106
2042 Sep	93.6	0.175	1.49	0.00626	37.3	0.0366	13.8	0.00091	0.000904	0.00000475	0.00385	0.00082	0.0263	0.0106	0.00000493	10.4	0.0000105
2042 Oct	93.4	0.174	1.49	0.00624	37.2	0.0366	13.8	0.000909	0.000902	0.00000474	0.00384	0.000818	0.0263	0.0106	0.00000492	10.4	0.0000105
2042 Nov	93.4	0.174	1.49	0.00624	37.2	0.0366	13.8	0.000909	0.000902	0.00000474	0.00384	0.000818	0.0263	0.0106	0.00000492	10.4	0.0000105
2042 Dec	93.4	0.174	1.49	0.00624	37.2	0.0366	13.8	0.000909	0.000902	0.00000474	0.00384	0.000818	0.0263	0.0106	0.00000492	10.4	0.0000105
2043 Jan	93.4	0.174	1.49	0.00624	37.2	0.0366	13.8	0.000909	0.000902	0.00000474	0.00384	0.000818	0.0263	0.0106	0.00000492	10.4	0.0000105
2043 Feb	93.4	0.174	1.49	0.00624	37.2	0.0366	13.8	0.000909	0.000902	0.00000474	0.00384	0.000818	0.0263	0.0106	0.00000492	10.4	0.0000105
2043 Mar	93.4	0.174	1.49	0.00624	37.2	0.0366	13.8	0.000909	0.000902	0.00000474	0.00384	0.000818	0.0263	0.0106	0.00000492	10.4	0.0000105
2043 Apr	93.4	0.174	1.49	0.00624	37.3	0.0366	13.8	0.000909	0.000903	0.00000474	0.00384	0.000818	0.0263	0.0106	0.00000492	10.4	0.0000105
2043 May	93.5	0.174	1.49	0.00624	37.3	0.0366	13.8	0.00091	0.000903	0.00000474	0.00384	0.000819	0.0263	0.0106	0.00000493	10.4	0.0000105
2043 Jun	92.8	0.172	1.47	0.00618	37	0.0363	13.7	0.000904	0.000898	0.00000471	0.00382	0.000813	0.0261	0.0106	0.0000049	10.3	0.0000104
2043 Jul	92.9	0.172	1.47	0.00618	37	0.0364	13.7	0.000905	0.000899	0.00000472	0.00382	0.000814	0.0261	0.0106	0.0000049	10.4	0.0000105
2043 Aug	93.1	0.173	1.47	0.00619	37.1	0.0365	13.7	0.000907	0.000901	0.00000473	0.00383	0.000816	0.0262	0.0106	0.00000491	10.4	0.0000105
2043 Sep	93.1	0.173	1.47	0.00619	37.1	0.0365	13.7	0.000908	0.000901	0.00000473	0.00383	0.000816	0.0262	0.0106	0.00000492	10.4	0.0000105
2043 Oct	93	0.173	1.47	0.00619	37.1	0.0365	13.7	0.000907	0.000901	0.00000473	0.00383	0.000816	0.0261	0.0106	0.00000491	10.4	0.0000105
2043 Nov	93	0.173	1.47	0.00618	37.1	0.0365	13.7	0.000907	0.000901	0.00000473	0.00383	0.000815	0.0261	0.0106	0.00000491	10.4	0.0000105
2043 Dec	93	0.173	1.47	0.00618	37.1	0.0365	13.7	0.000907	0.000901	0.00000473	0.00383	0.000815	0.0261	0.0106	0.00000491	10.4	0.0000105
2044 Jan	93	0.173	1.47	0.00618	37.1	0.0365	13.7	0.000907	0.000901	0.00000473	0.00383	0.000815	0.0261	0.0106	0.00000491	10.4	0.0000105
2044 Feb	93	0.173	1.47	0.00618	37.1	0.0365	13.7	0.000907	0.000901	0.00000473	0.00383	0.000815	0.0261	0.0106	0.00000491	10.4	0.0000105
2044 Mar	93	0.173	1.47	0.00619	37.1	0.0365	13.7	0.000907	0.000901	0.00000473	0.00383	0.000815	0.0261	0.0106	0.00000491	10.4	0.0000105
2044 Apr	93	0.173	1.47	0.00619	37.1	0.0365	13.7	0.000907	0.000901	0.00000473	0.00383	0.000815	0.0261	0.0106	0.00000491	10.4	0.0000105

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2044 May	93.1	0.173	1.47	0.00619	37.1	0.0365	13.7	0.000908	0.000901	0.00000473	0.00384	0.000816	0.0262	0.0106	0.00000492	10.4	0.0000105
2044 Jun	92.1	0.17	1.44	0.00611	36.7	0.0361	13.6	0.0009	0.000894	0.00000469	0.0038	0.000808	0.0259	0.0105	0.00000487	10.3	0.0000104
2044 Jul	91.9	0.17	1.43	0.00608	36.6	0.0361	13.5	0.000899	0.000892	0.00000469	0.0038	0.000806	0.0258	0.0105	0.00000487	10.3	0.0000104
2044 Aug	92.2	0.17	1.44	0.0061	36.7	0.0362	13.6	0.000901	0.000895	0.0000047	0.00381	0.000808	0.0259	0.0105	0.00000488	10.3	0.0000104
2044 Sep	92.1	0.17	1.44	0.00609	36.7	0.0362	13.6	0.000901	0.000894	0.0000047	0.0038	0.000808	0.0259	0.0105	0.00000488	10.3	0.0000104
2044 Oct	92	0.17	1.43	0.00609	36.7	0.0362	13.6	0.0009	0.000894	0.00000469	0.0038	0.000808	0.0259	0.0105	0.00000488	10.3	0.0000104
2044 Nov	92.1	0.17	1.43	0.00609	36.7	0.0362	13.6	0.0009	0.000894	0.00000469	0.0038	0.000808	0.0259	0.0105	0.00000488	10.3	0.0000104
2044 Dec	92.1	0.17	1.43	0.00609	36.7	0.0362	13.6	0.000901	0.000894	0.00000469	0.0038	0.000808	0.0259	0.0105	0.00000488	10.3	0.0000104
2045 Jan	92.1	0.17	1.43	0.00609	36.7	0.0362	13.6	0.000901	0.000894	0.00000469	0.0038	0.000808	0.0259	0.0105	0.00000488	10.3	0.0000104
2045 Feb	92.1	0.17	1.43	0.00609	36.7	0.0362	13.6	0.000901	0.000894	0.00000469	0.0038	0.000808	0.0259	0.0105	0.00000488	10.3	0.0000104
2045 Mar	92.1	0.17	1.43	0.00609	36.7	0.0362	13.6	0.000901	0.000894	0.00000469	0.0038	0.000808	0.0259	0.0105	0.00000488	10.3	0.0000104
2045 Apr	92.1	0.17	1.44	0.00609	36.7	0.0362	13.6	0.000901	0.000894	0.00000469	0.0038	0.000808	0.0259	0.0105	0.00000488	10.3	0.0000104
2045 May	92.1	0.17	1.44	0.0061	36.7	0.0362	13.6	0.000901	0.000895	0.0000047	0.00381	0.000808	0.0259	0.0105	0.00000488	10.3	0.0000104
2045 Jun	91.5	0.168	1.42	0.00605	36.5	0.036	13.5	0.000896	0.00089	0.00000467	0.00379	0.000804	0.0257	0.0105	0.00000485	10.2	0.0000104
2045 Jul	91.3	0.168	1.41	0.00602	36.4	0.0359	13.5	0.000895	0.000888	0.00000466	0.00378	0.000802	0.0257	0.0104	0.00000485	10.2	0.0000103
2045 Aug	91.4	0.168	1.41	0.00603	36.4	0.036	13.5	0.000896	0.00089	0.00000467	0.00379	0.000803	0.0257	0.0105	0.00000485	10.2	0.0000103
2045 Sep	91.4	0.168	1.41	0.00603	36.5	0.036	13.5	0.000897	0.00089	0.00000467	0.00379	0.000803	0.0257	0.0105	0.00000485	10.2	0.0000103
2045 Oct	91.5	0.168	1.41	0.00604	36.5	0.036	13.5	0.000897	0.00089	0.00000467	0.00379	0.000804	0.0257	0.0105	0.00000486	10.2	0.0000104
2045 Nov	91.5	0.168	1.42	0.00604	36.5	0.036	13.5	0.000897	0.00089	0.00000467	0.00379	0.000804	0.0257	0.0105	0.00000486	10.2	0.0000104
2045 Dec	91.5	0.168	1.42	0.00604	36.5	0.036	13.5	0.000897	0.00089	0.00000467	0.00379	0.000804	0.0257	0.0105	0.00000486	10.2	0.0000104
2046 Jan	91.5	0.168	1.42	0.00604	36.5	0.036	13.5	0.000897	0.000891	0.00000467	0.00379	0.000804	0.0257	0.0105	0.00000486	10.2	0.0000104
2046 Feb	91.5	0.168	1.42	0.00604	36.5	0.036	13.5	0.000897	0.000891	0.00000467	0.00379	0.000804	0.0257	0.0105	0.00000486	10.2	0.0000104
2046 Mar	91.5	0.168	1.42	0.00604	36.5	0.036	13.5	0.000897	0.000891	0.00000467	0.00379	0.000804	0.0257	0.0105	0.00000486	10.2	0.0000104
2046 Apr	91.5	0.168	1.42	0.00604	36.5	0.036	13.5	0.000897	0.000891	0.00000468	0.00379	0.000804	0.0257	0.0105	0.00000486	10.2	0.0000104
2046 May	91.6	0.168	1.42	0.00604	36.5	0.036	13.5	0.000898	0.000891	0.00000468	0.00379	0.000804	0.0258	0.0105	0.00000486	10.2	0.0000104
2046 Jun	90.9	0.166	1.4	0.00598	36.2	0.0358	13.4	0.000892	0.000886	0.00000465	0.00377	0.000799	0.0256	0.0104	0.00000483	10.2	0.0000103
2046 Jul	90.2	0.165	1.38	0.00592	35.9	0.0355	13.3	0.000887	0.00088	0.00000462	0.00375	0.000794	0.0254	0.0103	0.0000048	10.1	0.0000102
2046 Aug	90.3	0.165	1.38	0.00593	36	0.0356	13.4	0.000888	0.000882	0.00000463	0.00375	0.000795	0.0255	0.0104	0.00000481	10.1	0.0000103
2046 Sep	90.2	0.165	1.38	0.00592	36	0.0356	13.3	0.000887	0.000881	0.00000462	0.00375	0.000794	0.0254	0.0103	0.0000048	10.1	0.0000102
2046 Oct	90	0.164	1.37	0.0059	35.9	0.0355	13.3	0.000886	0.000879	0.00000461	0.00374	0.000793	0.0254	0.0103	0.0000048	10.1	0.0000102
2046 Nov	90	0.164	1.37	0.0059	35.9	0.0355	13.3	0.000885	0.000879	0.00000461	0.00374	0.000793	0.0254	0.0103	0.00000479	10.1	0.0000102
2046 Dec	90	0.164	1.37	0.0059	35.9	0.0355	13.3	0.000885	0.000879	0.00000461	0.00374	0.000793	0.0254	0.0103	0.00000479	10.1	0.0000102
2047 Jan	90	0.164	1.37	0.0059	35.9	0.0355	13.3	0.000886	0.000879	0.00000461	0.00374	0.000793	0.0254	0.0103	0.00000479	10.1	0.0000102
2047 Feb	90	0.164	1.37	0.0059	35.9	0.0355	13.3	0.000886	0.000879	0.00000461	0.00374	0.000793	0.0254	0.0103	0.00000479	10.1	0.0000102
2047 Mar	90	0.164	1.37	0.0059	35.9	0.0355	13.3	0.000886	0.000879	0.00000461	0.00374	0.000793	0.0254	0.0103	0.00000479	10.1	0.0000102
2047 Apr	90	0.164	1.37	0.0059	35.9	0.0355	13.3	0.000886	0.000879	0.00000461	0.00374	0.000793	0.0254	0.0103	0.0000048	10.1	0.0000102
2047 May	90	0.164	1.37	0.0059	35.9	0.0355	13.3	0.000886	0.000879	0.00000461	0.00374	0.000793	0.0254	0.0103	0.00000479	10.1	0.0000102
2047 Jun	89.3	0.162	1.34	0.00583	35.6	0.0352	13.2	0.00088	0.000873	0.00000458	0.00371	0.000789	0.0252	0.0103	0.00000476	10	0.0000102
2047 Jul	89.5	0.162	1.35	0.00584	35.6	0.0353	13.3	0.000881	0.000874	0.00000459	0.00372	0.00079	0.0253	0.0103	0.00000477	10	0.0000102
2047 Aug	89.7	0.163	1.35	0.00585	35.7	0.0354	13.3	0.000883	0.000876	0.0000046	0.00373	0.000792	0.0253	0.0103	0.00000478	10.1	0.0000102
2047 Sep	89.6	0.162	1.35	0.00585	35.7	0.0354	13.3	0.000883	0.000876	0.0000046	0.00373	0.000792	0.0253	0.0103	0.00000478	10.1	0.0000102
2047 Oct	89.5	0.162	1.35	0.00584	35.7	0.0354	13.3	0.000882	0.000875	0.00000459	0.00373	0.000791	0.0253	0.0103	0.00000478	10.1	0.0000102
2047 Nov	89.5	0.162	1.35	0.00584	35.6	0.0353	13.3	0.000882	0.000875	0.00000459	0.00373	0.000791	0.0253	0.0103	0.00000477	10.1	0.0000102
2047 Dec	89.5	0.162	1.35	0.00584	35.6	0.0353	13.3	0.000882	0.000875	0.00000459	0.00373	0.000791	0.0253	0.0103	0.00000477	10.1	0.0000102
2048 Jan	89.5	0.162	1.35	0.00584	35.6	0.0353	13.3	0.000882	0.000875	0.00000459	0.00373	0.000791	0.0253	0.0103	0.00000477	10.1	0.0000102
2048 Feb	89.5	0.162	1.35	0.00584	35.6	0.0353	13.3	0.000882	0.000875	0.00000459	0.00373	0.000791	0.0253	0.0103	0.00000477	10.1	0.0000102
2048 Mar	89.5	0.162	1.35	0.00584	35.6	0.0353	13.3	0.000882	0.000875	0.00000459	0.00373	0.000791	0.0253	0.0103	0.00000477	10.1	0.0000102
2048 Apr	89.5	0.162	1.35	0.00584	35.6	0.0353	13.3	0.000882	0.000875	0.00000459	0.00373	0.000791	0.0253	0.0103	0.00000477	10.1	0.0000102
2048 May	89.6	0.162	1.35	0.00585	35.7	0.0354	13.3	0.000883	0.000876	0.0000046	0.00373	0.000791	0.0253	0.0103	0.00000478	10.1	0.0000102
2048 Jun	88.9	0.161	1.33	0.00578	35.4	0.0351	13.2	0.000877	0.00087	0.00000457	0.00371	0.000787	0.0251	0.0102	0.00000475	9.99	0.0000101
2048 Jul	88.4	0.159	1.3	0.00573	35.2	0.035	13.2	0.000873	0.000865	0.00000454	0.00369	0.000785	0.0251	0.0102	0.00000473	9.94	0.0000101
2048 Aug	88.5	0.159	1.31	0.00574	35.2	0.035	13.2	0.000874	0.000866	0.00000455	0.00369	0.000785	0.0251	0.0102	0.00000473	9.95	0.0000101
2048 Sep	88.4	0.159	1.3	0.00573	35.2	0.035	13.2	0.000874	0.000866	0.00000454	0.00369	0.000785	0.0251	0.0102	0.00000473	9.95	0.0000101
2048 Oct	88.3	0.159	1.3	0.00572	35.1	0.035	13.2	0.000872	0.000865	0.00000454	0.00369	0.000784	0.025	0.0102	0.00000472	9.93	0.0000101
2048 Nov	88.3	0.159	1.3	0.00572	35.1	0.035	13.2	0.000872	0.000864	0.00000454	0.00369	0.000784	0.025	0.0102	0.00000472	9.93	0.0000101
2048 Dec	88.3	0.159	1.3	0.00572	35.1	0.035	13.2	0.000872	0.000864	0.00000454	0.00369	0.000784	0.025	0.0102	0.00000472	9.93	0.0000101
2049 Jan	88.3	0.159	1.3	0.00572	35.1	0.035	13.2	0.000872	0.000864	0.00000454	0.00369	0.000784	0.025	0.0102	0.00000472	9.93	0.0000101
2049 Feb	88.3	0.159	1.3	0.00572	35.1	0.035	13.2	0.000872	0.000864	0.00000454	0.00369	0.000784	0.025	0.0102	0.00000472	9.93	0.0000101
2049 Mar	88.3	0.159	1.3	0.00572	35.1	0.035	13.2	0.000872	0.000864	0.00000454	0.00369	0.000784	0.025	0.0102	0.00000472	9.93	0.0000101
2049 Apr	88.3	0.159	1.3	0.00572	35.1	0.035	13.2	0.000872	0.000865	0.00000454	0.00369	0.000784	0.025	0.0102	0.00000472	9.93	0.0000101
2049 May	88.4	0.159	1.3	0.00573	35.1	0.035	13.2	0.000873	0.000865	0.00000454	0.00369	0.000785	0.025	0.0102	0.00000473	9.94	0.0000101
2049 Jun	87.7	0.157	1.28	0.00566	34.8	0.0348	13.1	0.000867	0.000859	0.00000451	0.00367	0.000782	0.0249	0.0101	0.00000469	9.87	0.00001
2049 Jul	87.4	0.156	1.26	0.00563	34.7	0.0347	13.1	0.000865	0.000856	0.00000449	0.00365	0.000781	0.0249	0.0101	0.00000468	9.84	0.00001
2049 Aug	87.6	0.156	1.27	0.00564	34.8	0.0348	13.1	0.000867	0.000858	0.0000045	0.00366	0.000783	0.025	0.0101	0.00000469	9.87	0.00001
2049 Sep	87.6	0.156	1.27	0.00564	34.8	0.0348	13.1	0.000867	0.000858	0.0000045	0.00366	0.000783	0.0249	0.0101	0.00000469	9.87	0.00001

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2049 Oct	87.5	0.156	1.27	0.00563	34.7	0.0347	13.1	0.000866	0.000857	0.0000045	0.00366	0.000782	0.0249	0.0101	0.00000469	9.86	0.00001
2049 Nov	87.5	0.156	1.26	0.00563	34.7	0.0347	13.1	0.000866	0.000857	0.0000045	0.00366	0.000782	0.0249	0.0101	0.00000468	9.85	0.00001
2049 Dec	87.5	0.156	1.27	0.00563	34.7	0.0347	13.1	0.000866	0.000857	0.0000045	0.00366	0.000782	0.0249	0.0101	0.00000468	9.85	0.00001
2050 Jan	87.5	0.156	1.27	0.00563	34.7	0.0347	13.1	0.000866	0.000857	0.0000045	0.00366	0.000782	0.0249	0.0101	0.00000468	9.85	0.00001
2050 Feb	87.5	0.156	1.27	0.00563	34.7	0.0347	13.1	0.000866	0.000857	0.0000045	0.00366	0.000782	0.0249	0.0101	0.00000468	9.85	0.00001
2050 Mar	87.5	0.156	1.27	0.00563	34.7	0.0347	13.1	0.000866	0.000857	0.0000045	0.00366	0.000782	0.0249	0.0101	0.00000468	9.85	0.00001
2050 Apr	87.5	0.156	1.27	0.00563	34.7	0.0347	13.1	0.000866	0.000857	0.0000045	0.00366	0.000782	0.0249	0.0101	0.00000469	9.86	0.00001
2050 May	87.5	0.156	1.27	0.00564	34.8	0.0347	13.1	0.000867	0.000857	0.0000045	0.00366	0.000783	0.0249	0.0101	0.00000469	9.86	0.00001
2050 Jun	87	0.155	1.25	0.00559	34.5	0.0346	13.1	0.000862	0.000853	0.00000448	0.00365	0.000781	0.0248	0.01	0.00000466	9.82	0.00000999
2050 Jul	86.7	0.154	1.23	0.00555	34.4	0.0344	13.1	0.000859	0.000849	0.00000446	0.00363	0.00078	0.0248	0.01	0.00000465	9.78	0.00000996
2050 Aug	86.8	0.154	1.24	0.00556	34.4	0.0345	13.1	0.00086	0.00085	0.00000446	0.00364	0.000781	0.0248	0.01	0.00000465	9.79	0.00000997
2050 Sep	86.8	0.154	1.24	0.00556	34.4	0.0345	13.1	0.000861	0.00085	0.00000446	0.00364	0.000781	0.0248	0.01	0.00000465	9.79	0.00000997
2050 Oct	86.8	0.154	1.24	0.00556	34.4	0.0345	13.1	0.000861	0.000851	0.00000446	0.00364	0.000781	0.0248	0.01	0.00000465	9.8	0.00000998
2050 Nov	86.8	0.154	1.24	0.00556	34.4	0.0345	13.1	0.000861	0.000851	0.00000447	0.00364	0.000782	0.0248	0.01	0.00000466	9.8	0.00000998
2050 Dec	86.8	0.154	1.24	0.00556	34.4	0.0345	13.1	0.000861	0.000851	0.00000447	0.00364	0.000782	0.0248	0.01	0.00000466	9.8	0.00000998
2051 Jan	86.8	0.154	1.24	0.00556	34.4	0.0345	13.1	0.000861	0.000851	0.00000447	0.00364	0.000782	0.0248	0.01	0.00000466	9.8	0.00000998
2051 Feb	86.8	0.154	1.24	0.00556	34.4	0.0345	13.1	0.000861	0.000851	0.00000447	0.00364	0.000782	0.0248	0.01	0.00000466	9.8	0.00000998
2051 Mar	86.8	0.154	1.24	0.00556	34.4	0.0345	13.1	0.000861	0.000851	0.00000447	0.00364	0.000782	0.0248	0.01	0.00000466	9.8	0.00000998
2051 Apr	86.9	0.154	1.24	0.00556	34.4	0.0345	13.1	0.000861	0.000851	0.00000447	0.00364	0.000782	0.0248	0.01	0.00000466	9.8	0.00000998
2051 May	86.9	0.154	1.24	0.00556	34.4	0.0346	13.1	0.000862	0.000851	0.00000447	0.00364	0.000782	0.0249	0.01	0.00000466	9.81	0.00000999
2051 Jun	86.1	0.152	1.21	0.00548	34	0.0343	13.1	0.000854	0.000842	0.00000442	0.00361	0.000781	0.0247	0.00996	0.00000461	9.74	0.00000992
2051 Jul	86	0.151	1.19	0.00546	34	0.0342	13.1	0.000853	0.00084	0.00000441	0.0036	0.000783	0.0248	0.00994	0.00000461	9.73	0.00000992
2051 Aug	86	0.151	1.19	0.00546	34	0.0343	13.1	0.000854	0.000841	0.00000442	0.00361	0.000783	0.0248	0.00995	0.00000461	9.74	0.00000992
2051 Sep	85.9	0.151	1.19	0.00545	33.9	0.0342	13.1	0.000853	0.00084	0.00000441	0.0036	0.000783	0.0248	0.00994	0.00000461	9.73	0.00000991
2051 Oct	85.6	0.15	1.18	0.00542	33.8	0.0341	13.1	0.00085	0.000836	0.00000439	0.00359	0.000783	0.0247	0.0099	0.00000459	9.69	0.00000988
2051 Nov	85.6	0.15	1.18	0.00541	33.7	0.0341	13.1	0.00085	0.000836	0.00000439	0.00359	0.000784	0.0247	0.0099	0.00000459	9.69	0.00000988
2051 Dec	85.6	0.15	1.18	0.00541	33.7	0.0341	13.1	0.00085	0.000836	0.00000439	0.00359	0.000784	0.0247	0.0099	0.00000459	9.69	0.00000988
2052 Jan	85.6	0.15	1.18	0.00541	33.7	0.0341	13.1	0.00085	0.000836	0.00000439	0.00359	0.000784	0.0247	0.0099	0.00000459	9.69	0.00000988
2052 Feb	85.6	0.15	1.18	0.00541	33.7	0.0341	13.1	0.00085	0.000836	0.00000439	0.00359	0.000784	0.0247	0.0099	0.00000459	9.69	0.00000988
2052 Mar	85.6	0.15	1.18	0.00541	33.8	0.0341	13.1	0.00085	0.000836	0.00000439	0.00359	0.000784	0.0247	0.0099	0.00000459	9.69	0.00000988
2052 Apr	85.6	0.15	1.18	0.00541	33.8	0.0341	13.1	0.00085	0.000836	0.00000439	0.00359	0.000784	0.0248	0.0099	0.00000459	9.69	0.00000988
2052 May	85.6	0.15	1.18	0.00542	33.8	0.0341	13.1	0.00085	0.000836	0.00000439	0.00359	0.000784	0.0248	0.00991	0.00000459	9.7	0.00000988
2052 Jun	85.4	0.149	1.16	0.00539	33.6	0.0341	13.1	0.000848	0.000833	0.00000437	0.00358	0.000785	0.0247	0.00989	0.00000457	9.69	0.00000987
2052 Jul	85.3	0.149	1.16	0.00538	33.6	0.0341	13.2	0.000848	0.000833	0.00000437	0.00358	0.000786	0.0247	0.00989	0.00000457	9.69	0.00000987
2052 Aug	85.4	0.149	1.16	0.00538	33.6	0.0341	13.2	0.000849	0.000833	0.00000438	0.00358	0.000787	0.0248	0.0099	0.00000458	9.7	0.00000988
2052 Sep	85.4	0.149	1.16	0.00538	33.6	0.0341	13.2	0.000848	0.000833	0.00000437	0.00358	0.000787	0.0248	0.0099	0.00000458	9.7	0.00000987
2052 Oct	85.3	0.149	1.16	0.00538	33.6	0.0341	13.2	0.000848	0.000833	0.00000437	0.00358	0.000787	0.0248	0.0099	0.00000457	9.69	0.00000987
2052 Nov	85.4	0.149	1.16	0.00538	33.6	0.0341	13.2	0.000848	0.000833	0.00000437	0.00358	0.000787	0.0248	0.0099	0.00000457	9.7	0.00000987
2052 Dec	85.4	0.149	1.16	0.00538	33.6	0.0341	13.2	0.000848	0.000833	0.00000437	0.00358	0.000787	0.0248	0.0099	0.00000457	9.7	0.00000987
2053 Jan	85.4	0.149	1.16	0.00538	33.6	0.0341	13.2	0.000848	0.000833	0.00000437	0.00358	0.000787	0.0248	0.0099	0.00000457	9.7	0.00000987
2053 Feb	85.4	0.149	1.16	0.00538	33.6	0.0341	13.2	0.000848	0.000833	0.00000437	0.00358	0.000787	0.0248	0.0099	0.00000457	9.7	0.00000987
2053 Mar	85.4	0.149	1.16	0.00538	33.6	0.0341	13.2	0.000848	0.000833	0.00000437	0.00358	0.000788	0.0248	0.0099	0.00000458	9.7	0.00000987
2053 Apr	85.4	0.149	1.16	0.00538	33.6	0.0341	13.2	0.000849	0.000833	0.00000437	0.00358	0.000788	0.0248	0.0099	0.00000458	9.7	0.00000988
2053 May	85.3	0.149	1.16	0.00537	33.6	0.0341	13.2	0.000848	0.000832	0.00000437	0.00358	0.000788	0.0248	0.0099	0.00000457	9.7	0.00000987
2053 Jun	84.9	0.147	1.13	0.00531	33.3	0.0339	13.2	0.000843	0.000825	0.00000434	0.00356	0.000791	0.0248	0.00987	0.00000454	9.68	0.00000984
2053 Jul	85	0.147	1.13	0.00531	33.3	0.0339	13.3	0.000845	0.000826	0.00000434	0.00356	0.000794	0.0248	0.00988	0.00000455	9.69	0.00000986
2053 Aug	85.1	0.148	1.13	0.00532	33.4	0.034	13.3	0.000846	0.000828	0.00000435	0.00357	0.000795	0.0249	0.0099	0.00000456	9.71	0.00000988
2053 Sep	85.3	0.148	1.13	0.00533	33.4	0.0341	13.3	0.000847	0.000829	0.00000435	0.00357	0.000796	0.0249	0.00992	0.00000456	9.72	0.00000989
2053 Oct	85.3	0.148	1.13	0.00533	33.4	0.0341	13.3	0.000848	0.000829	0.00000436	0.00358	0.000797	0.0249	0.00992	0.00000456	9.73	0.00000989
2053 Nov	85.3	0.148	1.13	0.00533	33.4	0.0341	13.3	0.000848	0.000829	0.00000436	0.00358	0.000797	0.0249	0.00992	0.00000456	9.73	0.00000989
2053 Dec	85.3	0.148	1.13	0.00533	33.4	0.0341	13.3	0.000848	0.000829	0.00000436	0.00358	0.000797	0.0249	0.00992	0.00000456	9.73	0.00000989
2054 Jan	85.3	0.148	1.13	0.00533	33.4	0.0341	13.3	0.000848	0.000829	0.00000436	0.00358	0.000797	0.0249	0.00992	0.00000456	9.73	0.00000989
2054 Feb	85.3	0.148	1.13	0.00533	33.4	0.0341	13.3	0.000848	0.000829	0.00000436	0.00358	0.000797	0.0249	0.00992	0.00000456	9.73	0.00000989
2054 Mar	85.3	0.148	1.13	0.00533	33.4	0.0341	13.3	0.000848	0.000829	0.00000436	0.00358	0.000797	0.0249	0.00992	0.00000456	9.73	0.00000989
2054 Apr	85.3	0.148	1.13	0.00533	33.4	0.0341	13.3	0.000848	0.000829	0.00000436	0.00358	0.000797	0.0249	0.00992	0.00000457	9.73	0.00000989
2054 May	85.3	0.148	1.13	0.00534	33.5	0.0341	13.3	0.000848	0.00083	0.00000436	0.00358	0.000797	0.0249	0.00993	0.00000457	9.74	0.0000099
2054 Jun	84.9	0.147	1.12	0.0053	33.2	0.0339	13.3	0.000844	0.000825	0.00000433	0.00356	0.000796	0.0248	0.0099	0.00000454	9.71	0.00000987
2054 Jul	84.8	0.147	1.11	0.00528	33.2	0.0339	13.3	0.000843	0.000823	0.00000432	0.00356	0.000798	0.0248	0.00989	0.00000453	9.7	0.00000986
2054 Aug	84.8	0.147	1.11	0.00528	33.2	0.0339	13.3	0.000844	0.000823	0.00000433	0.00356	0.000799	0.0249	0.00989	0.00000454	9.7	0.00000986
2054 Sep	84.8	0.147	1.11	0.00528	33.1	0.0339	13.3	0.000844	0.000823	0.00000432	0.00356	0.000799	0.0249	0.00989	0.00000454	9.7	0.00000986
2054 Oct	84.7	0.146	1.11	0.00527	33.1	0.0339	13.3	0.000843	0.000822	0.00000432	0.00356	0.0008	0.0249	0.00988	0.00000453	9.7	0.00000986
2054 Nov	84.7	0.146	1.11	0.00527	33.1	0.0339	13.3	0.000843	0.000822	0.00000432	0.00356	0.000801	0.0249	0.00988	0.00000453	9.7	0.00000986
2054 Dec	84.7	0.146	1.11	0.00527	33.1	0.0339	13.3	0.000843	0.000822	0.00000432	0.00356	0.000801	0.0249	0.00988	0.00000453	9.7	0.00000986
2055 Jan	84.7	0.146	1.11	0.00527	33.1	0.0339	13.3	0.000843	0.000822	0.00000432	0.00356	0.000801	0.0249	0.00988	0.00000453	9.7	0.00000986
2055 Feb	84.7	0.146	1.11	0.00527	33.1	0.0339	13.3	0.000843	0.000822	0.00000432	0.00356	0.000801	0.0249	0.00988	0.00000453	9.7	0.00000986

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2055 Mar	84.7	0.146	1.11	0.00527	33.1	0.0339	13.3	0.000843	0.000822	0.00000432	0.00356	0.000801	0.0249	0.00988	0.00000453	9.7	0.00000986
2055 Apr	84.7	0.146	1.11	0.00527	33.1	0.0339	13.3	0.000843	0.000822	0.00000432	0.00356	0.000801	0.0249	0.00988	0.00000453	9.7	0.00000986
2055 May	84.8	0.146	1.11	0.00527	33.1	0.0339	13.4	0.000844	0.000822	0.00000432	0.00356	0.000801	0.0249	0.00989	0.00000453	9.71	0.00000987
2055 Jun	84.4	0.145	1.09	0.00522	32.9	0.0338	13.4	0.00084	0.000817	0.00000429	0.00354	0.000805	0.0249	0.00984	0.00000451	9.67	0.00000985
2055 Jul	84.3	0.145	1.08	0.0052	32.8	0.0338	13.5	0.00084	0.000814	0.00000428	0.00354	0.000811	0.025	0.00983	0.0000045	9.68	0.00000986
2055 Aug	84.5	0.145	1.08	0.00521	32.8	0.0338	13.5	0.000841	0.000816	0.00000429	0.00354	0.000812	0.0251	0.00984	0.00000451	9.69	0.00000987
2055 Sep	84.5	0.145	1.08	0.00521	32.8	0.0339	13.5	0.000842	0.000816	0.00000429	0.00354	0.000812	0.0251	0.00985	0.00000451	9.7	0.00000988
2055 Oct	84.5	0.145	1.08	0.00521	32.8	0.0339	13.5	0.000842	0.000816	0.00000429	0.00355	0.000813	0.0251	0.00985	0.00000451	9.7	0.00000988
2055 Nov	84.5	0.145	1.08	0.00521	32.8	0.0339	13.5	0.000842	0.000816	0.00000429	0.00355	0.000813	0.0251	0.00985	0.00000451	9.7	0.00000988
2055 Dec	84.5	0.145	1.08	0.00521	32.8	0.0339	13.5	0.000842	0.000816	0.00000429	0.00355	0.000813	0.0251	0.00985	0.00000451	9.7	0.00000988
2056 Jan	84.5	0.145	1.08	0.00521	32.8	0.0339	13.5	0.000842	0.000816	0.00000429	0.00355	0.000813	0.0251	0.00985	0.00000451	9.7	0.00000988
2056 Feb	84.5	0.145	1.08	0.00521	32.8	0.0339	13.5	0.000842	0.000816	0.00000429	0.00355	0.000813	0.0251	0.00985	0.00000451	9.7	0.00000988
2056 Mar	84.5	0.145	1.08	0.00521	32.8	0.0339	13.5	0.000842	0.000816	0.00000429	0.00355	0.000813	0.0251	0.00985	0.00000451	9.7	0.00000988
2056 Apr	84.5	0.145	1.08	0.00521	32.8	0.0339	13.5	0.000842	0.000816	0.00000429	0.00355	0.000813	0.0251	0.00985	0.00000451	9.7	0.00000988
2056 May	84.5	0.145	1.08	0.00521	32.8	0.0339	13.5	0.000842	0.000816	0.00000429	0.00355	0.000813	0.0251	0.00986	0.00000451	9.71	0.00000988
2056 Jun	84.1	0.144	1.06	0.00516	32.6	0.0337	13.6	0.000838	0.000811	0.00000426	0.00353	0.000816	0.025	0.00984	0.00000449	9.69	0.00000986
2056 Jul	84.3	0.144	1.06	0.00517	32.6	0.0338	13.6	0.00084	0.000812	0.00000427	0.00354	0.000819	0.0251	0.00986	0.00000449	9.71	0.00000988
2056 Aug	84.4	0.144	1.06	0.00518	32.7	0.0338	13.6	0.000841	0.000813	0.00000427	0.00354	0.00082	0.0251	0.00987	0.0000045	9.73	0.00000989
2056 Sep	84.5	0.144	1.06	0.00518	32.7	0.0339	13.6	0.000842	0.000814	0.00000428	0.00355	0.000821	0.0252	0.00988	0.0000045	9.74	0.0000099
2056 Oct	84.4	0.144	1.06	0.00518	32.7	0.0338	13.6	0.000842	0.000813	0.00000428	0.00354	0.000821	0.0252	0.00988	0.0000045	9.73	0.0000099
2056 Nov	84.4	0.144	1.06	0.00518	32.7	0.0338	13.6	0.000842	0.000813	0.00000428	0.00354	0.000821	0.0252	0.00988	0.0000045	9.73	0.0000099
2056 Dec	84.4	0.144	1.06	0.00518	32.7	0.0338	13.6	0.000842	0.000813	0.00000428	0.00354	0.000821	0.0252	0.00988	0.0000045	9.73	0.0000099
2057 Jan	84.4	0.144	1.06	0.00518	32.7	0.0338	13.6	0.000842	0.000813	0.00000428	0.00354	0.000821	0.0252	0.00988	0.0000045	9.73	0.0000099
2057 Feb	84.4	0.144	1.06	0.00518	32.7	0.0338	13.6	0.000842	0.000813	0.00000428	0.00354	0.000821	0.0252	0.00988	0.0000045	9.73	0.0000099
2057 Mar	84.4	0.144	1.06	0.00518	32.7	0.0338	13.6	0.000842	0.000813	0.00000428	0.00354	0.000821	0.0252	0.00988	0.0000045	9.73	0.0000099
2057 Apr	84.4	0.144	1.06	0.00518	32.7	0.0339	13.6	0.000842	0.000814	0.00000428	0.00355	0.000821	0.0252	0.00988	0.0000045	9.74	0.0000099
2057 May	84.5	0.144	1.06	0.00518	32.7	0.0339	13.6	0.000842	0.000814	0.00000428	0.00355	0.000821	0.0252	0.00989	0.00000451	9.74	0.00000991
2057 Jun	84.1	0.143	1.05	0.00513	32.5	0.0337	13.7	0.000839	0.000808	0.00000425	0.00353	0.000825	0.0252	0.00986	0.00000448	9.72	0.00000988
2057 Jul	84.2	0.143	1.04	0.00513	32.5	0.0338	13.7	0.00084	0.000808	0.00000425	0.00353	0.000829	0.0252	0.00986	0.00000448	9.74	0.0000099
2057 Aug	84.4	0.143	1.04	0.00515	32.6	0.0339	13.8	0.000842	0.000811	0.00000426	0.00354	0.000831	0.0253	0.00989	0.0000045	9.77	0.00000993
2057 Sep	84.5	0.143	1.05	0.00515	32.6	0.0339	13.8	0.000843	0.000811	0.00000427	0.00355	0.000832	0.0253	0.0099	0.0000045	9.78	0.00000994
2057 Oct	84.5	0.143	1.05	0.00515	32.6	0.0339	13.8	0.000843	0.000811	0.00000427	0.00355	0.000832	0.0253	0.0099	0.0000045	9.77	0.00000994
2057 Nov	84.5	0.143	1.05	0.00515	32.6	0.0339	13.8	0.000843	0.000811	0.00000427	0.00355	0.000832	0.0253	0.0099	0.0000045	9.78	0.00000994
2057 Dec	84.5	0.143	1.05	0.00515	32.6	0.0339	13.8	0.000843	0.000811	0.00000427	0.00355	0.000832	0.0253	0.0099	0.0000045	9.78	0.00000994
2058 Jan	84.5	0.143	1.05	0.00515	32.6	0.0339	13.8	0.000843	0.000811	0.00000427	0.00355	0.000832	0.0253	0.0099	0.0000045	9.78	0.00000994
2058 Feb	84.5	0.143	1.05	0.00515	32.6	0.0339	13.8	0.000843	0.000811	0.00000427	0.00355	0.000832	0.0253	0.0099	0.0000045	9.78	0.00000994
2058 Mar	84.5	0.143	1.05	0.00515	32.6	0.0339	13.8	0.000843	0.000811	0.00000427	0.00355	0.000832	0.0253	0.0099	0.0000045	9.78	0.00000994
2058 Apr	84.5	0.143	1.05	0.00515	32.6	0.0339	13.8	0.000843	0.000811	0.00000427	0.00355	0.000832	0.0253	0.00991	0.0000045	9.78	0.00000994
2058 May	84.5	0.143	1.04	0.00515	32.6	0.0339	13.8	0.000843	0.000811	0.00000427	0.00355	0.000832	0.0253	0.00991	0.0000045	9.78	0.00000994
2058 Jun	83.9	0.142	1.02	0.00508	32.2	0.0337	13.8	0.000838	0.000802	0.00000422	0.00352	0.000839	0.0253	0.00988	0.00000446	9.76	0.0000099
2058 Jul	84.1	0.142	1.02	0.00508	32.2	0.0337	13.9	0.000839	0.000802	0.00000422	0.00352	0.000845	0.0254	0.00989	0.00000446	9.79	0.00000993
2058 Aug	84.2	0.142	1.02	0.00509	32.3	0.0338	14	0.000841	0.000804	0.00000423	0.00353	0.000846	0.0255	0.00991	0.00000447	9.81	0.00000995
2058 Sep	84.2	0.142	1.02	0.00508	32.3	0.0338	14	0.000841	0.000804	0.00000423	0.00353	0.000846	0.0255	0.00991	0.00000447	9.81	0.00000995
2058 Oct	84.2	0.142	1.02	0.00508	32.2	0.0338	14	0.000841	0.000804	0.00000423	0.00353	0.000846	0.0255	0.00991	0.00000447	9.81	0.00000995
2058 Nov	84.2	0.142	1.02	0.00508	32.3	0.0338	14	0.000841	0.000804	0.00000423	0.00353	0.000846	0.0255	0.00991	0.00000447	9.81	0.00000995
2058 Dec	84.2	0.142	1.02	0.00508	32.3	0.0338	14	0.000841	0.000804	0.00000423	0.00353	0.000846	0.0255	0.00991	0.00000447	9.81	0.00000995
2059 Jan	84.2	0.142	1.02	0.00508	32.3	0.0338	14	0.000841	0.000804	0.00000423	0.00353	0.000846	0.0255	0.00991	0.00000447	9.81	0.00000995
2059 Feb	84.2	0.142	1.02	0.00508	32.3	0.0338	14	0.000841	0.000804	0.00000423	0.00353	0.000846	0.0255	0.00991	0.00000447	9.81	0.00000995
2059 Mar	84.2	0.142	1.02	0.00508	32.3	0.0338	14	0.000841	0.000804	0.00000423	0.00353	0.000846	0.0255	0.00991	0.00000447	9.81	0.00000995
2059 Apr	84.2	0.142	1.02	0.00508	32.3	0.0338	14	0.000841	0.000804	0.00000423	0.00353	0.000846	0.0255	0.00991	0.00000447	9.81	0.00000995
2059 May	84.2	0.142	1.02	0.00508	32.3	0.0338	14	0.000841	0.000804	0.00000423	0.00353	0.000847	0.0255	0.00992	0.00000447	9.82	0.00000995
2059 Jun	84.1	0.141	1.01	0.00506	32.1	0.0337	14	0.00084	0.000801	0.00000422	0.00353	0.00085	0.0255	0.00992	0.00000446	9.82	0.00000995
2059 Jul	84.3	0.142	1.01	0.00507	32.2	0.0338	14	0.000842	0.000803	0.00000423	0.00354	0.000853	0.0256	0.00995	0.00000447	9.85	0.00000998
2059 Aug	84.5	0.142	1.01	0.00509	32.3	0.0339	14.1	0.000844	0.000805	0.00000424	0.00354	0.000855	0.0256	0.00997	0.00000448	9.87	0.00001
2059 Sep	84.6	0.142	1.01	0.00509	32.3	0.0339	14.1	0.000845	0.000806	0.00000424	0.00355	0.000855	0.0256	0.00998	0.00000448	9.88	0.00001
2059 Oct	84.4	0.142	1.01	0.00508	32.2	0.0339	14	0.000843	0.000804	0.00000423	0.00354	0.000854	0.0256	0.00996	0.00000448	9.86	0.00000999
2059 Nov	84.4	0.142	1.01	0.00508	32.2	0.0339	14	0.000843	0.000804	0.00000423	0.00354	0.000854	0.0256	0.00996	0.00000448	9.86	0.00000999
2059 Dec	84.4	0.142	1.01	0.00508	32.2	0.0339	14	0.000843	0.000804	0.00000423	0.00354	0.000854	0.0256	0.00996	0.00000448	9.86	0.00000999
2060 Jan	84.4	0.142	1.01	0.00508	32.2	0.0339	14	0.000843	0.000804	0.00000423	0.00354	0.000854	0.0256	0.00996	0.00000448	9.86	0.00000999
2060 Feb	84.4	0.142	1.01	0.00508	32.2	0.0339	14	0.000843	0.000804	0.00000423	0.00354	0.000854	0.0256	0.00996	0.00000448	9.86	0.00000999
2060 Mar	84.4	0.142	1.01	0.00508	32.2	0.0339	14	0.000843	0.000804	0.00000423	0.00354	0.000854	0.0256	0.00996	0.00000448	9.86	0.00000999
2060 Apr	84.4	0.142	1.01	0.00508	32.2	0.0339	14	0.000843	0.000804	0.00000423	0.00354	0.000854	0.0256	0.00997	0.00000448	9.87	0.00000999
2060 May	84.3	0.142	1.01	0.00507	32.2	0.0338	14	0.000842	0.000803	0.00000423	0.00354	0.000854	0.0255	0.00997	0.00000447	9.86	0.00000998
2060 Jun	84	0.141	0.992	0.00503	32	0.0337	14.1	0.00084	0.000798	0.0000042	0.00353	0.000861	0.0256	0.00996	0.00000445	9.87	0.00000997
2060 Jul	84.3	0.141	0.993	0.00504	32	0.0338	14.2	0.000843	0.0008	0.00000421	0.00354	0.000865	0.0257	0.00999	0.00000446	9.9	0.00001

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2060 Aug	84.4	0.141	0.994	0.00504	32.1	0.0339	14.2	0.000844	0.000801	0.00000421	0.00354	0.000866	0.0257	0.01	0.00000447	9.92	0.00001
2060 Sep	84.2	0.141	0.992	0.00503	32	0.0338	14.2	0.000842	0.000799	0.00000421	0.00354	0.000865	0.0257	0.00999	0.00000446	9.9	0.00001
2060 Oct	84.2	0.141	0.989	0.00503	32	0.0338	14.2	0.000842	0.000798	0.0000042	0.00353	0.000867	0.0257	0.00998	0.00000446	9.9	0.00001
2060 Nov	84.2	0.141	0.987	0.00502	32	0.0338	14.2	0.000842	0.000798	0.0000042	0.00353	0.000868	0.0257	0.00998	0.00000445	9.9	0.00001
2060 Dec	84.2	0.141	0.987	0.00502	32	0.0338	14.2	0.000842	0.000798	0.0000042	0.00353	0.000868	0.0257	0.00998	0.00000445	9.9	0.00001
2061 Jan	84.2	0.141	0.987	0.00502	32	0.0338	14.2	0.000842	0.000798	0.0000042	0.00353	0.000868	0.0257	0.00998	0.00000445	9.9	0.00001
2061 Feb	84.2	0.141	0.987	0.00502	32	0.0338	14.2	0.000842	0.000798	0.0000042	0.00353	0.000868	0.0257	0.00998	0.00000445	9.9	0.00001
2061 Mar	84.2	0.141	0.987	0.00502	32	0.0338	14.2	0.000842	0.000798	0.0000042	0.00353	0.000868	0.0257	0.00998	0.00000445	9.9	0.00001
2061 Apr	84.2	0.141	0.987	0.00502	32	0.0338	14.2	0.000842	0.000798	0.0000042	0.00353	0.000868	0.0257	0.00998	0.00000445	9.9	0.00001
2061 May	84.2	0.14	0.983	0.00501	31.9	0.0338	14.3	0.000842	0.000797	0.0000042	0.00353	0.000871	0.0258	0.00999	0.00000445	9.92	0.00001
2061 Jun	84.1	0.139	0.96	0.00496	31.7	0.0338	14.5	0.000842	0.00079	0.00000416	0.00352	0.000888	0.026	0.00999	0.00000443	9.96	0.00001
2061 Jul	84.4	0.139	0.96	0.00497	31.7	0.0339	14.6	0.000844	0.000792	0.00000417	0.00353	0.000892	0.0261	0.01	0.00000444	9.99	0.0000101
2061 Aug	84.5	0.14	0.962	0.00498	31.8	0.034	14.6	0.000846	0.000794	0.00000418	0.00354	0.000894	0.0262	0.01	0.00000445	10	0.0000101
2061 Sep	84.6	0.14	0.963	0.00499	31.8	0.034	14.6	0.000847	0.000794	0.00000418	0.00354	0.000895	0.0262	0.01	0.00000445	10	0.0000101
2061 Oct	84.5	0.14	0.961	0.00498	31.8	0.0339	14.6	0.000845	0.000793	0.00000418	0.00353	0.000894	0.0261	0.01	0.00000444	10	0.0000101
2061 Nov	84.4	0.14	0.96	0.00497	31.7	0.0339	14.6	0.000845	0.000792	0.00000418	0.00353	0.000893	0.0261	0.01	0.00000444	10	0.0000101
2061 Dec	84.4	0.14	0.96	0.00497	31.7	0.0339	14.6	0.000845	0.000792	0.00000418	0.00353	0.000893	0.0261	0.01	0.00000444	10	0.0000101
2062 Jan	84.4	0.14	0.96	0.00497	31.7	0.0339	14.6	0.000845	0.000792	0.00000418	0.00353	0.000893	0.0261	0.01	0.00000444	10	0.0000101
2062 Feb	84.4	0.14	0.96	0.00497	31.7	0.0339	14.6	0.000845	0.000792	0.00000418	0.00353	0.000893	0.0261	0.01	0.00000444	10	0.0000101
2062 Mar	84.4	0.14	0.961	0.00497	31.7	0.0339	14.6	0.000845	0.000793	0.00000418	0.00353	0.000893	0.0261	0.01	0.00000444	10	0.0000101
2062 Apr	84.4	0.14	0.961	0.00498	31.7	0.0339	14.6	0.000845	0.000793	0.00000418	0.00353	0.000893	0.0261	0.01	0.00000444	10	0.0000101
2062 May	84.5	0.14	0.961	0.00498	31.8	0.0339	14.6	0.000846	0.000793	0.00000418	0.00354	0.000894	0.0261	0.01	0.00000445	10	0.0000101
2062 Jun	84.3	0.139	0.949	0.00495	31.6	0.0339	14.7	0.000844	0.000789	0.00000416	0.00353	0.0009	0.0262	0.01	0.00000443	10	0.0000101
2062 Jul	84.3	0.138	0.939	0.00493	31.5	0.0339	14.8	0.000846	0.000787	0.00000415	0.00353	0.00091	0.0263	0.01	0.00000442	10	0.0000101
2062 Aug	84.4	0.138	0.939	0.00493	31.5	0.0339	14.8	0.000846	0.000787	0.00000415	0.00353	0.000911	0.0264	0.01	0.00000443	10	0.0000101
2062 Sep	84.3	0.138	0.935	0.00492	31.4	0.0339	14.9	0.000846	0.000786	0.00000414	0.00353	0.000913	0.0264	0.01	0.00000442	10	0.0000101
2062 Oct	84.3	0.138	0.923	0.0049	31.3	0.034	15	0.000847	0.000782	0.00000413	0.00352	0.000924	0.0266	0.01	0.00000441	10.1	0.0000101
2062 Nov	84.4	0.138	0.922	0.00489	31.3	0.034	15	0.000847	0.000782	0.00000413	0.00352	0.000925	0.0266	0.01	0.00000441	10.1	0.0000101
2062 Dec	84.4	0.138	0.922	0.0049	31.3	0.034	15	0.000847	0.000782	0.00000413	0.00352	0.000925	0.0266	0.01	0.00000441	10.1	0.0000101
2063 Jan	84.4	0.138	0.922	0.0049	31.3	0.034	15	0.000847	0.000782	0.00000413	0.00352	0.000925	0.0266	0.01	0.00000441	10.1	0.0000101
2063 Feb	84.4	0.138	0.922	0.0049	31.3	0.034	15	0.000847	0.000782	0.00000413	0.00352	0.000925	0.0266	0.01	0.00000441	10.1	0.0000101
2063 Mar	84.4	0.138	0.922	0.0049	31.3	0.034	15	0.000847	0.000782	0.00000413	0.00352	0.000925	0.0266	0.01	0.00000441	10.1	0.0000101
2063 Apr	84.4	0.138	0.923	0.0049	31.3	0.034	15	0.000847	0.000782	0.00000413	0.00352	0.000925	0.0266	0.01	0.00000441	10.1	0.0000101
2063 May	84.4	0.138	0.922	0.00489	31.3	0.034	15.1	0.000847	0.000782	0.00000413	0.00352	0.000926	0.0266	0.01	0.00000441	10.1	0.0000101
2063 Jun	84.4	0.136	0.89	0.00482	30.9	0.0339	15.5	0.000848	0.000772	0.00000408	0.0035	0.000954	0.027	0.01	0.00000438	10.1	0.0000102
2063 Jul	84.5	0.136	0.883	0.00481	30.9	0.034	15.6	0.00085	0.000771	0.00000408	0.00351	0.000966	0.0272	0.01	0.00000438	10.2	0.0000102
2063 Aug	84.7	0.136	0.885	0.00482	30.9	0.0341	15.7	0.000852	0.000773	0.00000408	0.00351	0.000968	0.0272	0.0101	0.00000439	10.2	0.0000102
2063 Sep	84.8	0.136	0.885	0.00483	30.9	0.0341	15.7	0.000853	0.000773	0.00000409	0.00352	0.000968	0.0272	0.0101	0.00000439	10.2	0.0000102
2063 Oct	84.7	0.136	0.884	0.00482	30.9	0.0341	15.7	0.000852	0.000773	0.00000408	0.00352	0.000968	0.0272	0.0101	0.00000439	10.2	0.0000102
2063 Nov	84.7	0.136	0.884	0.00482	30.9	0.0341	15.7	0.000852	0.000772	0.00000408	0.00352	0.000968	0.0272	0.0101	0.00000439	10.2	0.0000102
2063 Dec	84.7	0.136	0.884	0.00482	30.9	0.0341	15.7	0.000852	0.000773	0.00000408	0.00352	0.000968	0.0272	0.0101	0.00000439	10.2	0.0000102
2064 Jan	84.7	0.136	0.884	0.00482	30.9	0.0341	15.7	0.000852	0.000773	0.00000408	0.00352	0.000968	0.0272	0.0101	0.00000439	10.2	0.0000102
2064 Feb	84.7	0.136	0.884	0.00482	30.9	0.0341	15.7	0.000852	0.000773	0.00000408	0.00352	0.000968	0.0272	0.0101	0.00000439	10.2	0.0000102
2064 Mar	84.7	0.136	0.884	0.00482	30.9	0.0341	15.7	0.000852	0.000773	0.00000408	0.00352	0.000968	0.0272	0.0101	0.00000439	10.2	0.0000102
2064 Apr	84.7	0.136	0.884	0.00482	30.9	0.0341	15.7	0.000852	0.000773	0.00000408	0.00352	0.000968	0.0272	0.0101	0.00000439	10.2	0.0000102
2064 May	84.7	0.136	0.881	0.00481	30.9	0.0341	15.7	0.000852	0.000772	0.00000408	0.00352	0.000971	0.0272	0.0101	0.00000439	10.2	0.0000102
2064 Jun	84.8	0.135	0.857	0.00476	30.6	0.0341	16	0.000854	0.000765	0.00000405	0.0035	0.000996	0.0276	0.0101	0.00000437	10.3	0.0000103
2064 Jul	85	0.135	0.858	0.00477	30.6	0.0342	16.1	0.000856	0.000766	0.00000405	0.00351	0.000999	0.0276	0.0101	0.00000438	10.3	0.0000103
2064 Aug	85	0.135	0.858	0.00477	30.7	0.0342	16.1	0.000857	0.000767	0.00000406	0.00351	0.001	0.0277	0.0101	0.00000438	10.3	0.0000103
2064 Sep	85	0.135	0.855	0.00476	30.6	0.0342	16.1	0.000856	0.000765	0.00000405	0.00351	0.001	0.0277	0.0101	0.00000437	10.3	0.0000103
2064 Oct	85	0.135	0.854	0.00476	30.6	0.0342	16.1	0.000857	0.000765	0.00000405	0.00351	0.001	0.0277	0.0101	0.00000437	10.3	0.0000103
2064 Nov	85	0.135	0.854	0.00476	30.6	0.0342	16.1	0.000857	0.000765	0.00000405	0.00351	0.001	0.0277	0.0101	0.00000437	10.3	0.0000103
2064 Dec	85	0.135	0.854	0.00476	30.6	0.0342	16.1	0.000857	0.000765	0.00000405	0.00351	0.001	0.0277	0.0101	0.00000437	10.3	0.0000103
2065 Jan	85	0.135	0.854	0.00476	30.6	0.0342	16.1	0.000857	0.000765	0.00000405	0.00351	0.001	0.0277	0.0101	0.00000437	10.3	0.0000103
2065 Feb	85	0.135	0.854	0.00476	30.6	0.0342	16.1	0.000857	0.000765	0.00000405	0.00351	0.001	0.0277	0.0101	0.00000437	10.3	0.0000103
2065 Mar	85	0.135	0.854	0.00476	30.6	0.0342	16.1	0.000857	0.000765	0.00000405	0.00351	0.001	0.0277	0.0101	0.00000437	10.3	0.0000103
2065 Apr	85	0.135	0.855	0.00476	30.6	0.0342	16.1	0.000857	0.000765	0.00000405	0.00351	0.001	0.0277	0.0101	0.00000438	10.3	0.0000103
2065 May	85	0.135	0.854	0.00476	30.6	0.0342	16.1	0.000857	0.000765	0.00000405	0.00351	0.001	0.0277	0.0101	0.00000437	10.3	0.0000103
2065 Jun	85	0.134	0.837	0.00472	30.4	0.0342	16.4	0.000858	0.00076	0.00000402	0.00351	0.00102	0.0279	0.0101	0.00000436	10.4	0.0000103
2065 Jul	85.4	0.134	0.836	0.00473	30.4	0.0344	16.5	0.000862	0.000761	0.00000403	0.00352	0.00103	0.0281	0.0102	0.00000437	10.4	0.0000104
2065 Aug	85.5	0.134	0.837	0.00474	30.5	0.0344	16.6	0.000863	0.000763	0.00000404	0.00352	0.00103	0.0282	0.0102	0.00000438	10.5	0.0000104
2065 Sep	85.4	0.134	0.836	0.00473	30.4	0.0344	16.5	0.000862	0.000762	0.00000404	0.00352	0.00103	0.0281	0.0102	0.00000437	10.5	0.0000104
2065 Oct	85.3	0.134	0.828	0.00471	30.3	0.0344	16.6	0.000862	0.000758	0.00000402	0.00351	0.00104	0.0282	0.0102	0.00000436	10.5	0.0000104
2065 Nov	85.3	0.134	0.826	0.0047	30.3	0.0344	16.7	0.000862	0.000758	0.00000402	0.00351	0.00104	0.0282	0.0102	0.00000436	10.5	0.0000104
2065 Dec	85.3	0.134	0.826	0.0047	30.3	0.0344	16.7	0.000862	0.000758	0.00000402	0.00351	0.00104	0.0282	0.0102	0.00000436	10.5	0.0000104

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2066 Jan	85.3	0.134	0.826	0.0047	30.3	0.0344	16.7	0.000862	0.000758	0.00000402	0.00351	0.00104	0.0282	0.0102	0.00000436	10.5	0.0000104
2066 Feb	85.3	0.134	0.826	0.0047	30.3	0.0344	16.7	0.000862	0.000758	0.00000402	0.00351	0.00104	0.0282	0.0102	0.00000436	10.5	0.0000104
2066 Mar	85.3	0.134	0.826	0.0047	30.3	0.0344	16.7	0.000862	0.000758	0.00000402	0.00351	0.00104	0.0282	0.0102	0.00000436	10.5	0.0000104
2066 Apr	85.4	0.134	0.826	0.00471	30.3	0.0344	16.7	0.000863	0.000758	0.00000402	0.00352	0.00104	0.0282	0.0102	0.00000436	10.5	0.0000104
2066 May	85.4	0.134	0.827	0.00471	30.3	0.0344	16.7	0.000863	0.000759	0.00000402	0.00352	0.00104	0.0282	0.0102	0.00000436	10.5	0.0000104
2066 Jun	85.4	0.133	0.809	0.00467	30.1	0.0344	16.9	0.000865	0.000753	0.00000399	0.00351	0.00106	0.0285	0.0102	0.00000435	10.5	0.0000104
2066 Jul	85.8	0.133	0.806	0.00467	30.1	0.0346	17.1	0.000869	0.000754	0.000004	0.00352	0.00107	0.0287	0.0102	0.00000436	10.6	0.0000105
2066 Aug	86	0.133	0.808	0.00468	30.2	0.0346	17.1	0.000871	0.000756	0.00000401	0.00353	0.00107	0.0288	0.0102	0.00000437	10.6	0.0000105
2066 Sep	86	0.133	0.808	0.00468	30.2	0.0347	17.1	0.000871	0.000756	0.00000401	0.00353	0.00107	0.0288	0.0102	0.00000437	10.6	0.0000105
2066 Oct	85.9	0.133	0.807	0.00468	30.1	0.0346	17.1	0.00087	0.000755	0.00000401	0.00353	0.00107	0.0287	0.0102	0.00000437	10.6	0.0000105
2066 Nov	85.9	0.133	0.807	0.00467	30.1	0.0346	17.1	0.00087	0.000755	0.00000401	0.00353	0.00107	0.0287	0.0102	0.00000436	10.6	0.0000105
2066 Dec	85.9	0.133	0.807	0.00467	30.1	0.0346	17.1	0.00087	0.000755	0.00000401	0.00353	0.00107	0.0287	0.0102	0.00000436	10.6	0.0000105
2067 Jan	85.9	0.133	0.807	0.00467	30.1	0.0346	17.1	0.00087	0.000755	0.00000401	0.00353	0.00107	0.0287	0.0102	0.00000436	10.6	0.0000105
2067 Feb	85.9	0.133	0.807	0.00468	30.1	0.0346	17.1	0.00087	0.000755	0.00000401	0.00353	0.00107	0.0287	0.0102	0.00000436	10.6	0.0000105
2067 Mar	85.9	0.133	0.807	0.00468	30.1	0.0346	17.1	0.00087	0.000755	0.00000401	0.00353	0.00107	0.0287	0.0102	0.00000436	10.6	0.0000105
2067 Apr	85.9	0.133	0.807	0.00468	30.1	0.0346	17.1	0.00087	0.000755	0.00000401	0.00353	0.00107	0.0287	0.0102	0.00000437	10.6	0.0000105
2067 May	85.9	0.133	0.807	0.00468	30.1	0.0346	17.1	0.00087	0.000755	0.00000401	0.00353	0.00107	0.0287	0.0102	0.00000437	10.6	0.0000105
2067 Jun	85.7	0.132	0.797	0.00464	29.9	0.0345	17.2	0.000869	0.000751	0.00000399	0.00352	0.00108	0.0288	0.0102	0.00000435	10.6	0.0000105
2067 Jul	86	0.133	0.798	0.00465	30	0.0346	17.3	0.000872	0.000753	0.000004	0.00353	0.00108	0.0289	0.0103	0.00000436	10.7	0.0000105
2067 Aug	86.1	0.133	0.799	0.00466	30.1	0.0347	17.3	0.000873	0.000754	0.000004	0.00354	0.00109	0.0289	0.0103	0.00000437	10.7	0.0000105
2067 Sep	86.1	0.133	0.799	0.00466	30.1	0.0347	17.3	0.000874	0.000754	0.000004	0.00354	0.00109	0.0289	0.0103	0.00000437	10.7	0.0000105
2067 Oct	85.9	0.133	0.797	0.00465	30	0.0346	17.3	0.000872	0.000753	0.000004	0.00353	0.00108	0.0288	0.0103	0.00000436	10.7	0.0000105
2067 Nov	85.8	0.132	0.796	0.00464	30	0.0346	17.2	0.000871	0.000752	0.00000399	0.00353	0.00108	0.0288	0.0103	0.00000435	10.7	0.0000105
2067 Dec	85.8	0.132	0.796	0.00464	30	0.0346	17.2	0.000871	0.000752	0.00000399	0.00353	0.00108	0.0288	0.0103	0.00000435	10.7	0.0000105
2068 Jan	85.8	0.132	0.796	0.00464	30	0.0346	17.2	0.000871	0.000752	0.00000399	0.00353	0.00108	0.0288	0.0103	0.00000435	10.7	0.0000105
2068 Feb	85.8	0.132	0.796	0.00464	30	0.0346	17.2	0.000871	0.000752	0.00000399	0.00353	0.00108	0.0288	0.0103	0.00000436	10.7	0.0000105
2068 Mar	85.9	0.132	0.796	0.00464	30	0.0346	17.2	0.000871	0.000752	0.00000399	0.00353	0.00108	0.0288	0.0103	0.00000436	10.7	0.0000105
2068 Apr	85.9	0.133	0.797	0.00465	30	0.0346	17.2	0.000871	0.000753	0.00000399	0.00353	0.00108	0.0288	0.0103	0.00000436	10.7	0.0000105
2068 May	85.9	0.132	0.795	0.00464	30	0.0346	17.3	0.000872	0.000752	0.00000399	0.00353	0.00109	0.0289	0.0103	0.00000436	10.7	0.0000105
2068 Jun	86.1	0.131	0.771	0.00458	29.6	0.0347	17.7	0.000875	0.000744	0.00000396	0.00352	0.00112	0.0293	0.0103	0.00000433	10.8	0.0000106
2068 Jul	86.3	0.131	0.77	0.00459	29.6	0.0348	17.8	0.000878	0.000745	0.00000396	0.00353	0.00112	0.0294	0.0103	0.00000434	10.8	0.0000106
2068 Aug	86.5	0.132	0.772	0.0046	29.7	0.0348	17.8	0.00088	0.000747	0.00000397	0.00354	0.00113	0.0295	0.0104	0.00000435	10.8	0.0000106
2068 Sep	86.5	0.132	0.771	0.0046	29.7	0.0349	17.8	0.00088	0.000747	0.00000397	0.00354	0.00113	0.0295	0.0104	0.00000435	10.8	0.0000106
2068 Oct	86.5	0.132	0.771	0.0046	29.7	0.0349	17.8	0.00088	0.000747	0.00000397	0.00354	0.00113	0.0295	0.0104	0.00000435	10.8	0.0000106
2068 Nov	86.5	0.132	0.772	0.0046	29.7	0.0349	17.8	0.00088	0.000747	0.00000397	0.00354	0.00113	0.0295	0.0104	0.00000435	10.8	0.0000106
2068 Dec	86.5	0.132	0.772	0.0046	29.7	0.0349	17.8	0.00088	0.000747	0.00000397	0.00354	0.00113	0.0295	0.0104	0.00000435	10.8	0.0000106
2069 Jan	86.5	0.132	0.772	0.0046	29.7	0.0349	17.9	0.00088	0.000747	0.00000397	0.00354	0.00113	0.0295	0.0104	0.00000435	10.8	0.0000106
2069 Feb	86.5	0.132	0.772	0.0046	29.7	0.0349	17.9	0.00088	0.000747	0.00000397	0.00354	0.00113	0.0295	0.0104	0.00000435	10.8	0.0000106
2069 Mar	86.5	0.132	0.772	0.0046	29.7	0.0349	17.9	0.00088	0.000747	0.00000397	0.00354	0.00113	0.0295	0.0104	0.00000435	10.8	0.0000106
2069 Apr	86.5	0.132	0.772	0.0046	29.7	0.0349	17.9	0.00088	0.000747	0.00000397	0.00354	0.00113	0.0295	0.0104	0.00000435	10.8	0.0000106
2069 May	86.6	0.132	0.772	0.0046	29.8	0.0349	17.9	0.000881	0.000748	0.00000398	0.00354	0.00113	0.0295	0.0104	0.00000436	10.9	0.0000106
2069 Jun	86.4	0.131	0.763	0.00457	29.6	0.0348	17.9	0.00088	0.000744	0.00000396	0.00354	0.00113	0.0295	0.0104	0.00000434	10.9	0.0000106
2069 Jul	86.6	0.131	0.761	0.00457	29.6	0.0349	18.1	0.000883	0.000744	0.00000396	0.00354	0.00114	0.0297	0.0104	0.00000435	10.9	0.0000107
2069 Aug	86.7	0.131	0.762	0.00458	29.6	0.035	18.1	0.000885	0.000745	0.00000397	0.00355	0.00114	0.0297	0.0104	0.00000435	10.9	0.0000107
2069 Sep	86.7	0.131	0.759	0.00457	29.6	0.0349	18.1	0.000884	0.000744	0.00000396	0.00355	0.00115	0.0297	0.0104	0.00000435	10.9	0.0000107
2069 Oct	86.7	0.131	0.752	0.00455	29.5	0.035	18.2	0.000885	0.000741	0.00000395	0.00354	0.00115	0.0298	0.0104	0.00000434	10.9	0.0000107
2069 Nov	86.7	0.13	0.751	0.00455	29.4	0.035	18.2	0.000885	0.000741	0.00000394	0.00354	0.00116	0.0298	0.0104	0.00000434	10.9	0.0000107
2069 Dec	86.7	0.13	0.751	0.00455	29.4	0.035	18.2	0.000885	0.000741	0.00000394	0.00354	0.00116	0.0298	0.0104	0.00000434	10.9	0.0000107
2070 Jan	86.7	0.13	0.751	0.00455	29.4	0.035	18.2	0.000885	0.000741	0.00000394	0.00354	0.00116	0.0298	0.0104	0.00000434	10.9	0.0000107
2070 Feb	86.7	0.13	0.751	0.00455	29.4	0.035	18.2	0.000885	0.000741	0.00000394	0.00354	0.00116	0.0298	0.0104	0.00000434	10.9	0.0000107
2070 Mar	86.7	0.13	0.751	0.00455	29.4	0.035	18.3	0.000885	0.000741	0.00000394	0.00354	0.00116	0.0298	0.0104	0.00000434	10.9	0.0000107
2070 Apr	86.7	0.13	0.751	0.00455	29.4	0.035	18.3	0.000886	0.000741	0.00000395	0.00354	0.00116	0.0298	0.0104	0.00000434	10.9	0.0000107
2070 May	86.8	0.13	0.75	0.00455	29.4	0.035	18.3	0.000886	0.000741	0.00000395	0.00355	0.00116	0.0299	0.0104	0.00000434	11	0.0000107
2070 Jun	86.9	0.13	0.74	0.00452	29.3	0.035	18.5	0.000888	0.000738	0.00000393	0.00354	0.00117	0.0301	0.0104	0.00000433	11	0.0000107
2070 Jul	87	0.13	0.741	0.00453	29.3	0.0351	18.5	0.00089	0.000739	0.00000394	0.00355	0.00118	0.0301	0.0104	0.00000434	11	0.0000108
2070 Aug	87.2	0.13	0.742	0.00454	29.4	0.0351	18.6	0.000892	0.00074	0.00000394	0.00356	0.00118	0.0302	0.0105	0.00000435	11.1	0.0000108
2070 Sep	87.1	0.13	0.74	0.00453	29.3	0.0351	18.6	0.000891	0.00074	0.00000394	0.00355	0.00118	0.0302	0.0105	0.00000434	11.1	0.0000108
2070 Oct	87.1	0.13	0.736	0.00452	29.3	0.0351	18.6	0.000891	0.000738	0.00000393	0.00355	0.00118	0.0302	0.0105	0.00000434	11.1	0.0000108
2070 Nov	87.1	0.13	0.735	0.00452	29.3	0.0351	18.6	0.000892	0.000738	0.00000393	0.00355	0.00119	0.0302	0.0105	0.00000434	11.1	0.0000108
2070 Dec	87.1	0.13	0.735	0.00452	29.3	0.0351	18.6	0.000892	0.000738	0.00000393	0.00355	0.00119	0.0302	0.0105	0.00000434	11.1	0.0000108
2071 Jan	87.1	0.13	0.735	0.00452	29.3	0.0351	18.6	0.000892	0.000738	0.00000393	0.00355	0.00119	0.0302	0.0105	0.00000434	11.1	0.0000108
2071 Feb	87.1	0.13	0.735	0.00452	29.3	0.0351	18.6	0.000892	0.000738	0.00000393	0.00355	0.00119	0.0302	0.0105	0.00000434	11.1	0.0000108
2071 Mar	87.1	0.13	0.735	0.00452	29.3	0.0351	18.6	0.000892	0.000738	0.00000393	0.00355	0.00119	0.0302	0.0105	0.00000434	11.1	0.0000108
2071 Apr	87.1	0.13	0.735	0.00452	29.3	0.0351	18.6	0.000892	0.000738	0.00000393	0.00355	0.00119	0.0302	0.0105	0.00000434	11.1	0.0000108
2071 May	87.1	0.13	0.734	0.00451	29.2	0.0351	18.7	0.000892	0.000737	0.00000393	0.00355	0.00119	0.0303	0.0105	0.00000434	11.1	0.0000108

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2071 Jun	87.3	0.129	0.718	0.00447	29	0.0352	19	0.000896	0.000732	0.00000391	0.00355	0.00121	0.0306	0.0105	0.00000432	11.2	0.0000108
2071 Jul	87.6	0.129	0.716	0.00447	29	0.0353	19.1	0.000899	0.000732	0.00000391	0.00356	0.00122	0.0307	0.0105	0.00000433	11.2	0.0000109
2071 Aug	87.7	0.129	0.718	0.00448	29.1	0.0353	19.2	0.000901	0.000734	0.00000392	0.00356	0.00122	0.0308	0.0105	0.00000434	11.2	0.0000109
2071 Sep	87.7	0.129	0.717	0.00448	29.1	0.0353	19.1	0.0009	0.000734	0.00000391	0.00356	0.00122	0.0307	0.0105	0.00000434	11.2	0.0000109
2071 Oct	87.6	0.129	0.715	0.00447	29	0.0353	19.2	0.0009	0.000733	0.00000391	0.00356	0.00122	0.0307	0.0105	0.00000433	11.2	0.0000109
2071 Nov	87.6	0.129	0.714	0.00447	29	0.0353	19.2	0.0009	0.000732	0.00000391	0.00356	0.00122	0.0308	0.0105	0.00000433	11.2	0.0000109
2071 Dec	87.6	0.129	0.714	0.00447	29	0.0353	19.2	0.0009	0.000732	0.00000391	0.00356	0.00122	0.0308	0.0105	0.00000433	11.2	0.0000109
2072 Jan	87.6	0.129	0.714	0.00447	29	0.0353	19.2	0.0009	0.000732	0.00000391	0.00356	0.00122	0.0308	0.0105	0.00000433	11.2	0.0000109
2072 Feb	87.6	0.129	0.714	0.00447	29	0.0353	19.2	0.0009	0.000732	0.00000391	0.00356	0.00122	0.0308	0.0105	0.00000433	11.2	0.0000109
2072 Mar	87.6	0.129	0.714	0.00447	29	0.0353	19.2	0.0009	0.000732	0.00000391	0.00356	0.00122	0.0308	0.0105	0.00000433	11.2	0.0000109
2072 Apr	87.6	0.129	0.714	0.00447	29	0.0353	19.2	0.0009	0.000732	0.00000391	0.00356	0.00122	0.0308	0.0105	0.00000433	11.2	0.0000109
2072 May	87.7	0.129	0.715	0.00447	29	0.0353	19.2	0.000901	0.000733	0.00000391	0.00356	0.00123	0.0308	0.0105	0.00000434	11.2	0.0000109
2072 Jun	87.7	0.129	0.709	0.00446	28.9	0.0353	19.3	0.000902	0.000731	0.0000039	0.00356	0.00123	0.0309	0.0105	0.00000433	11.3	0.0000109
2072 Jul	87.8	0.128	0.707	0.00445	28.9	0.0354	19.4	0.000903	0.000731	0.0000039	0.00357	0.00124	0.0309	0.0105	0.00000433	11.3	0.0000109
2072 Aug	87.9	0.128	0.704	0.00445	28.9	0.0354	19.5	0.000906	0.00073	0.0000039	0.00357	0.00125	0.031	0.0106	0.00000433	11.3	0.0000109
2072 Sep	88	0.128	0.7	0.00444	28.8	0.0355	19.6	0.000908	0.000729	0.0000039	0.00357	0.00125	0.0312	0.0106	0.00000433	11.3	0.000011
2072 Oct	88.1	0.128	0.694	0.00442	28.7	0.0355	19.7	0.00091	0.000727	0.00000389	0.00357	0.00126	0.0313	0.0106	0.00000433	11.4	0.000011
2072 Nov	88.2	0.128	0.693	0.00442	28.7	0.0356	19.8	0.00091	0.000727	0.00000389	0.00357	0.00127	0.0313	0.0106	0.00000433	11.4	0.000011
2072 Dec	88.2	0.128	0.693	0.00442	28.7	0.0356	19.8	0.00091	0.000727	0.00000389	0.00357	0.00127	0.0313	0.0106	0.00000433	11.4	0.000011
2073 Jan	88.2	0.128	0.693	0.00442	28.7	0.0356	19.8	0.00091	0.000727	0.00000389	0.00357	0.00127	0.0313	0.0106	0.00000433	11.4	0.000011
2073 Feb	88.2	0.128	0.693	0.00442	28.7	0.0356	19.8	0.00091	0.000727	0.00000389	0.00357	0.00127	0.0313	0.0106	0.00000433	11.4	0.000011
2073 Mar	88.2	0.128	0.693	0.00442	28.7	0.0356	19.8	0.00091	0.000727	0.00000389	0.00357	0.00127	0.0313	0.0106	0.00000433	11.4	0.000011
2073 Apr	88.2	0.128	0.693	0.00442	28.7	0.0356	19.8	0.000911	0.000727	0.00000389	0.00357	0.00127	0.0314	0.0106	0.00000433	11.4	0.000011
2073 May	88.2	0.128	0.691	0.00442	28.7	0.0356	19.8	0.000911	0.000726	0.00000388	0.00357	0.00127	0.0314	0.0106	0.00000433	11.4	0.000011
2073 Jun	88.4	0.127	0.679	0.00439	28.5	0.0356	20.1	0.000914	0.000722	0.00000387	0.00357	0.00129	0.0316	0.0106	0.00000432	11.5	0.000011
2073 Jul	88.6	0.127	0.678	0.00439	28.5	0.0357	20.2	0.000917	0.000723	0.00000387	0.00358	0.0013	0.0317	0.0106	0.00000433	11.5	0.0000111
2073 Aug	88.7	0.127	0.679	0.00439	28.6	0.0358	20.2	0.000919	0.000724	0.00000388	0.00358	0.0013	0.0318	0.0107	0.00000433	11.5	0.0000111
2073 Sep	88.7	0.127	0.679	0.00439	28.6	0.0357	20.2	0.000919	0.000724	0.00000388	0.00358	0.0013	0.0318	0.0107	0.00000433	11.5	0.0000111
2073 Oct	88.7	0.127	0.675	0.00438	28.5	0.0358	20.3	0.000919	0.000723	0.00000387	0.00358	0.0013	0.0318	0.0107	0.00000433	11.6	0.0000111
2073 Nov	88.8	0.127	0.674	0.00438	28.5	0.0358	20.3	0.00092	0.000722	0.00000387	0.00358	0.00131	0.0319	0.0107	0.00000433	11.6	0.0000111
2073 Dec	88.8	0.127	0.674	0.00438	28.5	0.0358	20.3	0.00092	0.000722	0.00000387	0.00358	0.00131	0.0319	0.0107	0.00000433	11.6	0.0000111
2074 Jan	88.8	0.127	0.674	0.00438	28.5	0.0358	20.3	0.00092	0.000722	0.00000387	0.00358	0.00131	0.0319	0.0107	0.00000433	11.6	0.0000111
2074 Feb	88.8	0.127	0.674	0.00438	28.5	0.0358	20.3	0.00092	0.000722	0.00000387	0.00358	0.00131	0.0319	0.0107	0.00000433	11.6	0.0000111
2074 Mar	88.8	0.127	0.674	0.00438	28.5	0.0358	20.3	0.00092	0.000722	0.00000387	0.00358	0.00131	0.0319	0.0107	0.00000433	11.6	0.0000111
2074 Apr	88.8	0.127	0.674	0.00438	28.5	0.0358	20.3	0.00092	0.000722	0.00000387	0.00358	0.00131	0.0319	0.0107	0.00000433	11.6	0.0000111
2074 May	88.8	0.127	0.671	0.00437	28.5	0.0358	20.4	0.000921	0.000721	0.00000386	0.00358	0.00131	0.0319	0.0107	0.00000433	11.6	0.0000111
2074 Jun	89.2	0.126	0.655	0.00433	28.2	0.0359	20.8	0.000928	0.000716	0.00000384	0.00358	0.00135	0.0323	0.0107	0.00000431	11.7	0.0000112
2074 Jul	89.4	0.126	0.655	0.00434	28.3	0.036	20.9	0.000931	0.000717	0.00000385	0.00359	0.00135	0.0324	0.0108	0.00000432	11.8	0.0000112
2074 Aug	89.7	0.126	0.656	0.00435	28.3	0.0361	21	0.000933	0.000719	0.00000386	0.0036	0.00136	0.0325	0.0108	0.00000434	11.8	0.0000112
2074 Sep	89.6	0.126	0.656	0.00434	28.3	0.0361	21	0.000933	0.000718	0.00000385	0.0036	0.00135	0.0325	0.0108	0.00000433	11.8	0.0000112
2074 Oct	89.5	0.126	0.655	0.00434	28.3	0.036	20.9	0.000932	0.000718	0.00000385	0.00359	0.00135	0.0324	0.0108	0.00000433	11.8	0.0000112
2074 Nov	89.4	0.126	0.654	0.00433	28.3	0.036	20.9	0.000931	0.000717	0.00000385	0.00359	0.00135	0.0324	0.0108	0.00000433	11.8	0.0000112
2074 Dec	89.4	0.126	0.654	0.00433	28.3	0.036	20.9	0.000931	0.000717	0.00000385	0.00359	0.00135	0.0324	0.0108	0.00000433	11.8	0.0000112
2075 Jan	89.4	0.126	0.654	0.00433	28.3	0.036	20.9	0.000931	0.000717	0.00000385	0.00359	0.00135	0.0324	0.0108	0.00000433	11.8	0.0000112
2075 Feb	89.4	0.126	0.654	0.00433	28.3	0.036	20.9	0.000931	0.000717	0.00000385	0.00359	0.00135	0.0324	0.0108	0.00000433	11.8	0.0000112
2075 Mar	89.5	0.126	0.655	0.00433	28.3	0.036	20.9	0.000931	0.000717	0.00000385	0.00359	0.00135	0.0324	0.0108	0.00000433	11.8	0.0000112
2075 Apr	89.5	0.126	0.655	0.00434	28.3	0.036	20.9	0.000931	0.000718	0.00000385	0.00359	0.00135	0.0324	0.0108	0.00000433	11.8	0.0000112
2075 May	89.5	0.126	0.655	0.00434	28.3	0.036	20.9	0.000932	0.000718	0.00000385	0.0036	0.00135	0.0325	0.0108	0.00000433	11.8	0.0000112
2075 Jun	89.6	0.125	0.644	0.0043	28.1	0.0361	21.2	0.000936	0.000714	0.00000383	0.00359	0.00137	0.0327	0.0108	0.00000432	11.8	0.0000112
2075 Jul	89.9	0.125	0.639	0.0043	28	0.0362	21.4	0.000941	0.000713	0.00000383	0.0036	0.00139	0.0329	0.0108	0.00000432	11.9	0.0000113
2075 Aug	90	0.125	0.639	0.0043	28.1	0.0362	21.5	0.000942	0.000714	0.00000384	0.00361	0.00139	0.033	0.0108	0.00000433	11.9	0.0000113
2075 Sep	90.1	0.125	0.64	0.0043	28.1	0.0362	21.5	0.000942	0.000714	0.00000384	0.00361	0.00139	0.033	0.0108	0.00000433	11.9	0.0000113
2075 Oct	90.1	0.125	0.639	0.0043	28.1	0.0362	21.5	0.000942	0.000714	0.00000384	0.00361	0.00139	0.033	0.0108	0.00000433	11.9	0.0000113
2075 Nov	90.1	0.125	0.639	0.0043	28.1	0.0362	21.5	0.000942	0.000714	0.00000384	0.00361	0.00139	0.033	0.0108	0.00000433	11.9	0.0000113
2075 Dec	90.1	0.125	0.639	0.0043	28.1	0.0362	21.5	0.000942	0.000714	0.00000384	0.00361	0.00139	0.033	0.0108	0.00000433	11.9	0.0000113
2076 Jan	90.1	0.125	0.639	0.0043	28.1	0.0362	21.5	0.000942	0.000714	0.00000384	0.00361	0.00139	0.033	0.0108	0.00000433	11.9	0.0000113
2076 Feb	90.1	0.125	0.639	0.0043	28.1	0.0362	21.5	0.000942	0.000714	0.00000384	0.00361	0.00139	0.033	0.0108	0.00000433	11.9	0.0000113
2076 Mar	90.1	0.125	0.639	0.0043	28.1	0.0362	21.5	0.000942	0.000715	0.00000384	0.00361	0.00139	0.033	0.0108	0.00000433	11.9	0.0000113
2076 Apr	90.1	0.125	0.64	0.0043	28.1	0.0363	21.5	0.000942	0.000715	0.00000384	0.00361	0.00139	0.033	0.0108	0.00000433	11.9	0.0000113
2076 May	90.1	0.125	0.639	0.0043	28.1	0.0362	21.5	0.000942	0.000715	0.00000384	0.00361	0.00139	0.033	0.0108	0.00000433	11.9	0.0000113
2076 Jun	90.1	0.124	0.628	0.00426	27.8	0.0362	21.7	0.000944	0.000709	0.00000381	0.0036	0.00141	0.0331	0.0109	0.00000431	12	0.0000113
2076 Jul	90.4	0.125	0.626	0.00426	27.8	0.0363	21.8	0.000948	0.00071	0.00000382	0.00361	0.00142	0.0333	0.0109	0.00000432	12.1	0.0000114
2076 Aug	90.6	0.125	0.627	0.00427	27.9	0.0364	21.9	0.00095	0.000712	0.00000383	0.00362	0.00142	0.0333	0.0109	0.00000433	12.1	0.0000114
2076 Sep	90.6	0.125	0.627	0.00427	27.9	0.0364	21.9	0.000951	0.000712	0.00000383	0.00362	0.00142	0.0334	0.0109	0.00000434	12.1	0.0000114
2076 Oct	90.5	0.125	0.627	0.00427	27.9	0.0364	21.9	0.00095	0.000711	0.00000383	0.00362	0.00142	0.0333	0.0109	0.00000433	12.1	0.0000114

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2076 Nov	90.5	0.125	0.627	0.00427	27.9	0.0364	21.9	0.00095	0.000711	0.00000383	0.00362	0.00142	0.0333	0.0109	0.00000433	12.1	0.0000114
2076 Dec	90.5	0.125	0.627	0.00427	27.9	0.0364	21.9	0.00095	0.000711	0.00000383	0.00362	0.00142	0.0333	0.0109	0.00000433	12.1	0.0000114
2077 Jan	90.5	0.125	0.627	0.00427	27.9	0.0364	21.9	0.00095	0.000711	0.00000383	0.00362	0.00142	0.0333	0.0109	0.00000433	12.1	0.0000114
2077 Feb	90.5	0.125	0.627	0.00427	27.9	0.0364	21.9	0.00095	0.000711	0.00000383	0.00362	0.00142	0.0333	0.0109	0.00000433	12.1	0.0000114
2077 Mar	90.5	0.125	0.627	0.00427	27.9	0.0364	21.9	0.00095	0.000711	0.00000383	0.00362	0.00142	0.0333	0.0109	0.00000433	12.1	0.0000114
2077 Apr	90.5	0.125	0.627	0.00427	27.9	0.0364	21.9	0.00095	0.000712	0.00000383	0.00362	0.00142	0.0333	0.0109	0.00000433	12.1	0.0000114
2077 May	90.5	0.125	0.626	0.00427	27.9	0.0364	21.9	0.00095	0.000711	0.00000383	0.00362	0.00142	0.0333	0.0109	0.00000433	12.1	0.0000114
2077 Jun	90.6	0.124	0.615	0.00423	27.7	0.0364	22.1	0.000953	0.000707	0.0000038	0.00361	0.00144	0.0335	0.0109	0.00000432	12.2	0.0000114
2077 Jul	90.8	0.124	0.616	0.00424	27.7	0.0364	22.2	0.000955	0.000708	0.00000381	0.00362	0.00144	0.0336	0.0109	0.00000433	12.2	0.0000115
2077 Aug	91	0.124	0.617	0.00425	27.8	0.0365	22.2	0.000957	0.000709	0.00000382	0.00363	0.00145	0.0336	0.011	0.00000433	12.2	0.0000115
2077 Sep	90.9	0.124	0.615	0.00424	27.7	0.0365	22.2	0.000957	0.000708	0.00000381	0.00363	0.00145	0.0336	0.011	0.00000433	12.2	0.0000115
2077 Oct	90.9	0.124	0.613	0.00423	27.7	0.0365	22.3	0.000958	0.000708	0.00000381	0.00363	0.00145	0.0337	0.011	0.00000433	12.2	0.0000115
2077 Nov	90.9	0.124	0.613	0.00423	27.7	0.0365	22.3	0.000958	0.000708	0.00000381	0.00363	0.00145	0.0337	0.011	0.00000433	12.2	0.0000115
2077 Dec	90.9	0.124	0.613	0.00423	27.7	0.0365	22.3	0.000958	0.000708	0.00000381	0.00363	0.00145	0.0337	0.011	0.00000433	12.2	0.0000115
2078 Jan	90.9	0.124	0.613	0.00423	27.7	0.0365	22.3	0.000958	0.000708	0.00000381	0.00363	0.00145	0.0337	0.011	0.00000433	12.2	0.0000115
2078 Feb	90.9	0.124	0.613	0.00423	27.7	0.0365	22.3	0.000958	0.000708	0.00000381	0.00363	0.00145	0.0337	0.011	0.00000433	12.2	0.0000115
2078 Mar	90.9	0.124	0.613	0.00423	27.7	0.0365	22.3	0.000958	0.000708	0.00000381	0.00363	0.00145	0.0337	0.011	0.00000433	12.2	0.0000115
2078 Apr	90.9	0.124	0.614	0.00423	27.7	0.0365	22.3	0.000958	0.000708	0.00000381	0.00363	0.00145	0.0337	0.011	0.00000433	12.2	0.0000115
2078 May	91	0.124	0.609	0.00422	27.6	0.0365	22.4	0.000959	0.000706	0.00000381	0.00363	0.00146	0.0337	0.011	0.00000432	12.3	0.0000115
2078 Jun	91.3	0.123	0.597	0.00418	27.4	0.0366	22.8	0.000966	0.000702	0.00000379	0.00363	0.00149	0.0341	0.011	0.00000432	12.4	0.0000115
2078 Jul	91.6	0.123	0.597	0.00419	27.5	0.0367	22.8	0.000969	0.000703	0.00000379	0.00364	0.0015	0.0342	0.0111	0.00000433	12.4	0.0000116
2078 Aug	91.7	0.123	0.598	0.0042	27.5	0.0368	22.9	0.00097	0.000704	0.0000038	0.00364	0.0015	0.0342	0.0111	0.00000433	12.4	0.0000116
2078 Sep	91.7	0.123	0.598	0.0042	27.5	0.0368	22.9	0.000971	0.000705	0.0000038	0.00364	0.0015	0.0342	0.0111	0.00000433	12.4	0.0000116
2078 Oct	91.7	0.123	0.598	0.0042	27.5	0.0368	22.9	0.00097	0.000704	0.0000038	0.00364	0.0015	0.0342	0.0111	0.00000433	12.4	0.0000116
2078 Nov	91.7	0.123	0.598	0.0042	27.5	0.0368	22.9	0.00097	0.000704	0.0000038	0.00364	0.0015	0.0342	0.0111	0.00000433	12.4	0.0000116
2078 Dec	91.7	0.123	0.598	0.0042	27.5	0.0368	22.9	0.00097	0.000704	0.0000038	0.00364	0.0015	0.0342	0.0111	0.00000433	12.4	0.0000116
2079 Jan	91.7	0.123	0.598	0.0042	27.5	0.0368	22.9	0.00097	0.000704	0.0000038	0.00364	0.0015	0.0342	0.0111	0.00000433	12.4	0.0000116
2079 Feb	91.7	0.123	0.598	0.0042	27.5	0.0368	22.9	0.00097	0.000704	0.0000038	0.00364	0.0015	0.0342	0.0111	0.00000433	12.4	0.0000116
2079 Mar	91.7	0.123	0.598	0.0042	27.5	0.0368	22.9	0.00097	0.000704	0.0000038	0.00364	0.0015	0.0342	0.0111	0.00000433	12.4	0.0000116
2079 Apr	91.7	0.123	0.598	0.0042	27.5	0.0368	22.9	0.00097	0.000705	0.0000038	0.00364	0.0015	0.0342	0.0111	0.00000433	12.4	0.0000116
2079 May	91.8	0.123	0.598	0.0042	27.5	0.0368	22.9	0.000971	0.000705	0.0000038	0.00365	0.0015	0.0342	0.0111	0.00000434	12.4	0.0000116
2079 Jun	91.8	0.122	0.587	0.00416	27.3	0.0368	23.1	0.000974	0.0007	0.00000378	0.00364	0.00152	0.0344	0.0111	0.00000432	12.5	0.0000116
2079 Jul	92	0.122	0.584	0.00416	27.3	0.0369	23.3	0.000978	0.0007	0.00000378	0.00365	0.00153	0.0346	0.0111	0.00000433	12.5	0.0000117
2079 Aug	92.2	0.122	0.585	0.00416	27.3	0.0369	23.3	0.00098	0.000701	0.00000379	0.00365	0.00153	0.0346	0.0111	0.00000433	12.6	0.0000117
2079 Sep	92.1	0.122	0.585	0.00416	27.3	0.0369	23.3	0.000979	0.000701	0.00000379	0.00365	0.00153	0.0346	0.0111	0.00000433	12.6	0.0000117
2079 Oct	92.1	0.122	0.583	0.00415	27.2	0.0369	23.4	0.00098	0.0007	0.00000378	0.00365	0.00153	0.0346	0.0111	0.00000433	12.6	0.0000117
2079 Nov	92.2	0.122	0.582	0.00415	27.2	0.0369	23.4	0.000981	0.0007	0.00000378	0.00365	0.00154	0.0347	0.0111	0.00000433	12.6	0.0000117
2079 Dec	92.2	0.122	0.581	0.00415	27.2	0.0369	23.4	0.000981	0.000699	0.00000378	0.00365	0.00154	0.0347	0.0111	0.00000433	12.6	0.0000117
2080 Jan	92.2	0.122	0.581	0.00415	27.2	0.0369	23.4	0.000981	0.000699	0.00000378	0.00365	0.00154	0.0347	0.0111	0.00000433	12.6	0.0000117
2080 Feb	92.2	0.122	0.581	0.00415	27.2	0.0369	23.4	0.000981	0.000699	0.00000378	0.00365	0.00154	0.0347	0.0111	0.00000433	12.6	0.0000117
2080 Mar	92.2	0.122	0.581	0.00415	27.2	0.0369	23.4	0.000981	0.000699	0.00000378	0.00365	0.00154	0.0347	0.0111	0.00000433	12.6	0.0000117
2080 Apr	92.2	0.122	0.581	0.00415	27.2	0.0369	23.4	0.000981	0.0007	0.00000378	0.00365	0.00154	0.0347	0.0111	0.00000433	12.6	0.0000117
2080 May	92.2	0.122	0.582	0.00415	27.2	0.037	23.4	0.000982	0.0007	0.00000378	0.00366	0.00154	0.0347	0.0111	0.00000433	12.6	0.0000117
2080 Jun	92.3	0.122	0.576	0.00413	27.1	0.037	23.6	0.000984	0.000698	0.00000377	0.00365	0.00155	0.0348	0.0111	0.00000433	12.6	0.0000117
2080 Jul	92.5	0.121	0.572	0.00412	27.1	0.037	23.7	0.000988	0.000697	0.00000377	0.00366	0.00156	0.035	0.0112	0.00000433	12.7	0.0000117
2080 Aug	92.6	0.122	0.573	0.00413	27.1	0.0371	23.8	0.000989	0.000698	0.00000378	0.00366	0.00156	0.035	0.0112	0.00000433	12.7	0.0000118
2080 Sep	92.7	0.122	0.571	0.00412	27.1	0.0371	23.8	0.000991	0.000698	0.00000377	0.00367	0.00157	0.0351	0.0112	0.00000433	12.7	0.0000118
2080 Oct	92.7	0.121	0.569	0.00412	27	0.0371	23.9	0.000992	0.000697	0.00000377	0.00367	0.00157	0.0351	0.0112	0.00000433	12.7	0.0000118
2080 Nov	92.8	0.121	0.568	0.00411	27	0.0372	23.9	0.000993	0.000696	0.00000377	0.00367	0.00158	0.0351	0.0112	0.00000433	12.7	0.0000118
2080 Dec	92.8	0.121	0.568	0.00411	27	0.0372	23.9	0.000993	0.000696	0.00000377	0.00367	0.00158	0.0351	0.0112	0.00000433	12.7	0.0000118
2081 Jan	92.8	0.121	0.568	0.00411	27	0.0372	23.9	0.000993	0.000696	0.00000377	0.00367	0.00158	0.0351	0.0112	0.00000433	12.7	0.0000118
2081 Feb	92.8	0.121	0.568	0.00411	27	0.0372	23.9	0.000993	0.000696	0.00000377	0.00367	0.00158	0.0351	0.0112	0.00000433	12.7	0.0000118
2081 Mar	92.8	0.121	0.568	0.00411	27	0.0372	23.9	0.000993	0.000696	0.00000377	0.00367	0.00158	0.0351	0.0112	0.00000433	12.7	0.0000118
2081 Apr	92.8	0.121	0.568	0.00411	27	0.0372	23.9	0.000993	0.000696	0.00000377	0.00367	0.00158	0.0352	0.0112	0.00000433	12.8	0.0000118
2081 May	92.8	0.121	0.566	0.00411	27	0.0372	24	0.000994	0.000696	0.00000377	0.00367	0.00158	0.0352	0.0112	0.00000433	12.8	0.0000118
2081 Jun	93.1	0.121	0.558	0.00408	26.8	0.0372	24.3	0.000999	0.000693	0.00000376	0.00367	0.0016	0.0354	0.0112	0.00000433	12.9	0.0000118
2081 Jul	93.4	0.121	0.559	0.00409	26.9	0.0373	24.4	0.001	0.000695	0.00000377	0.00368	0.00161	0.0355	0.0113	0.00000434	12.9	0.0000119
2081 Aug	93.6	0.121	0.561	0.0041	27	0.0374	24.4	0.00101	0.000697	0.00000378	0.00369	0.00161	0.0356	0.0113	0.00000435	12.9	0.0000119
2081 Sep	93.6	0.121	0.561	0.0041	27	0.0374	24.4	0.00101	0.000697	0.00000378	0.00369	0.00161	0.0356	0.0113	0.00000435	12.9	0.0000119
2081 Oct	93.6	0.121	0.56	0.0041	27	0.0374	24.4	0.00101	0.000697	0.00000378	0.00369	0.00161	0.0356	0.0113	0.00000435	12.9	0.0000119
2081 Nov	93.6	0.121	0.56	0.0041	27	0.0374	24.4	0.001	0.000697	0.00000377	0.00369	0.00161	0.0356	0.0113	0.00000435	12.9	0.0000119
2081 Dec	93.6	0.121	0.56	0.0041	27	0.0374	24.4	0.001	0.000697	0.00000377	0.00369	0.00161	0.0356	0.0113	0.00000435	12.9	0.0000119
2082 Jan	93.6	0.121	0.56	0.0041	27	0.0374	24.4	0.001	0.000697	0.00000377	0.00369	0.00161	0.0356	0.0113	0.00000435	12.9	0.0000119
2082 Feb	93.6	0.121	0.56	0.0041	27	0.0374	24.4	0.001	0.000697	0.00000377	0.00369	0.00161	0.0356	0.0113	0.00000435	12.9	0.0000119
2082 Mar	93.6	0.121	0.56	0.0041	27	0.0374	24.4	0.001	0.000697	0.00000377	0.00369	0.00161	0.0356	0.0113	0.00000435	12.9	0.0000119

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2082 Apr	93.6	0.121	0.56	0.0041	27	0.0374	24.4	0.001	0.000697	0.00000378	0.00369	0.00161	0.0356	0.0113	0.00000435	12.9	0.0000119
2082 May	93.6	0.121	0.561	0.00411	27	0.0375	24.4	0.00101	0.000697	0.00000378	0.00369	0.00161	0.0356	0.0113	0.00000435	12.9	0.0000119
2082 Jun	93.5	0.12	0.553	0.00407	26.8	0.0374	24.5	0.00101	0.000693	0.00000376	0.00369	0.00162	0.0357	0.0113	0.00000434	13	0.0000119
2082 Jul	93.8	0.12	0.546	0.00405	26.7	0.0375	24.8	0.00101	0.000691	0.00000375	0.00369	0.00164	0.0359	0.0113	0.00000434	13	0.000012
2082 Aug	93.9	0.12	0.547	0.00406	26.7	0.0375	24.8	0.00101	0.000692	0.00000376	0.0037	0.00165	0.036	0.0113	0.00000435	13.1	0.000012
2082 Sep	94	0.12	0.547	0.00406	26.7	0.0376	24.9	0.00101	0.000693	0.00000376	0.0037	0.00165	0.036	0.0113	0.00000435	13.1	0.000012
2082 Oct	93.8	0.12	0.546	0.00405	26.7	0.0375	24.8	0.00101	0.000691	0.00000375	0.00369	0.00164	0.0359	0.0113	0.00000434	13	0.000012
2082 Nov	93.8	0.12	0.546	0.00405	26.7	0.0375	24.8	0.00101	0.000691	0.00000375	0.00369	0.00164	0.0359	0.0113	0.00000434	13	0.000012
2082 Dec	93.8	0.12	0.546	0.00405	26.7	0.0375	24.8	0.00101	0.000691	0.00000375	0.00369	0.00164	0.0359	0.0113	0.00000434	13	0.000012
2083 Jan	93.8	0.12	0.546	0.00405	26.7	0.0375	24.8	0.00101	0.000691	0.00000375	0.00369	0.00164	0.0359	0.0113	0.00000434	13	0.000012
2083 Feb	93.8	0.12	0.546	0.00405	26.7	0.0375	24.8	0.00101	0.000691	0.00000375	0.00369	0.00164	0.0359	0.0113	0.00000434	13	0.000012
2083 Mar	93.8	0.12	0.546	0.00405	26.7	0.0375	24.8	0.00101	0.000691	0.00000375	0.00369	0.00164	0.0359	0.0113	0.00000434	13	0.000012
2083 Apr	93.8	0.12	0.546	0.00405	26.7	0.0375	24.8	0.00101	0.000691	0.00000375	0.00369	0.00164	0.0359	0.0113	0.00000434	13	0.000012
2083 May	93.8	0.12	0.544	0.00405	26.6	0.0375	24.8	0.00101	0.000691	0.00000375	0.00369	0.00165	0.0359	0.0113	0.00000434	13.1	0.000012
2083 Jun	94.1	0.119	0.533	0.00401	26.4	0.0375	25.2	0.00102	0.000686	0.00000373	0.00369	0.00167	0.0362	0.0114	0.00000433	13.2	0.000012
2083 Jul	94.4	0.119	0.532	0.00401	26.4	0.0377	25.4	0.00102	0.000687	0.00000374	0.0037	0.00169	0.0363	0.0114	0.00000434	13.2	0.000012
2083 Aug	94.5	0.119	0.532	0.00401	26.4	0.0377	25.4	0.00103	0.000688	0.00000374	0.0037	0.00169	0.0364	0.0114	0.00000434	13.2	0.0000121
2083 Sep	94.6	0.119	0.53	0.00401	26.4	0.0377	25.5	0.00103	0.000687	0.00000374	0.00371	0.00169	0.0364	0.0114	0.00000434	13.3	0.0000121
2083 Oct	94.7	0.119	0.526	0.00399	26.3	0.0378	25.6	0.00103	0.000685	0.00000373	0.00371	0.0017	0.0366	0.0114	0.00000434	13.3	0.0000121
2083 Nov	94.7	0.119	0.525	0.00399	26.3	0.0378	25.7	0.00103	0.000685	0.00000373	0.00371	0.00171	0.0366	0.0114	0.00000434	13.3	0.0000121
2083 Dec	94.7	0.119	0.525	0.00399	26.3	0.0378	25.7	0.00103	0.000685	0.00000373	0.00371	0.00171	0.0366	0.0114	0.00000434	13.3	0.0000121
2084 Jan	94.7	0.119	0.525	0.00399	26.3	0.0378	25.7	0.00103	0.000685	0.00000373	0.00371	0.00171	0.0366	0.0114	0.00000434	13.3	0.0000121
2084 Feb	94.7	0.119	0.525	0.00399	26.3	0.0378	25.7	0.00103	0.000685	0.00000373	0.00371	0.00171	0.0366	0.0114	0.00000434	13.3	0.0000121
2084 Mar	94.8	0.119	0.525	0.00399	26.3	0.0378	25.7	0.00103	0.000685	0.00000373	0.00371	0.00171	0.0366	0.0114	0.00000434	13.3	0.0000121
2084 Apr	94.8	0.119	0.525	0.00399	26.3	0.0378	25.7	0.00103	0.000685	0.00000373	0.00371	0.00171	0.0366	0.0114	0.00000434	13.3	0.0000121
2084 May	94.8	0.118	0.523	0.00398	26.3	0.0378	25.7	0.00103	0.000685	0.00000373	0.00371	0.00171	0.0366	0.0114	0.00000434	13.4	0.0000121
2084 Jun	95.1	0.118	0.513	0.00395	26.1	0.0378	26.1	0.00104	0.000681	0.00000371	0.00371	0.00174	0.0369	0.0115	0.00000433	13.5	0.0000121
2084 Jul	95.4	0.118	0.513	0.00396	26.1	0.0379	26.2	0.00104	0.000682	0.00000372	0.00372	0.00175	0.037	0.0115	0.00000434	13.5	0.0000122
2084 Aug	95.5	0.118	0.514	0.00396	26.2	0.038	26.2	0.00104	0.000683	0.00000372	0.00372	0.00175	0.0371	0.0115	0.00000435	13.5	0.0000122
2084 Sep	95.5	0.118	0.514	0.00396	26.1	0.038	26.2	0.00104	0.000683	0.00000372	0.00372	0.00175	0.0371	0.0115	0.00000434	13.5	0.0000122
2084 Oct	95.5	0.118	0.512	0.00395	26.1	0.038	26.2	0.00105	0.000682	0.00000372	0.00372	0.00175	0.0371	0.0115	0.00000434	13.5	0.0000122
2084 Nov	95.5	0.118	0.511	0.00395	26.1	0.038	26.3	0.00105	0.000681	0.00000372	0.00372	0.00175	0.0371	0.0115	0.00000434	13.5	0.0000122
2084 Dec	95.5	0.118	0.511	0.00395	26.1	0.038	26.3	0.00105	0.000681	0.00000372	0.00372	0.00175	0.0371	0.0115	0.00000434	13.5	0.0000122
2085 Jan	95.5	0.118	0.511	0.00395	26.1	0.038	26.3	0.00105	0.000681	0.00000372	0.00372	0.00175	0.0371	0.0115	0.00000434	13.5	0.0000122
2085 Feb	95.5	0.118	0.511	0.00395	26.1	0.038	26.3	0.00105	0.000681	0.00000372	0.00372	0.00175	0.0371	0.0115	0.00000434	13.5	0.0000122
2085 Mar	95.5	0.118	0.511	0.00395	26.1	0.038	26.3	0.00105	0.000681	0.00000372	0.00372	0.00175	0.0371	0.0115	0.00000434	13.5	0.0000122
2085 Apr	95.5	0.118	0.511	0.00395	26.1	0.038	26.3	0.00105	0.000681	0.00000372	0.00372	0.00176	0.0371	0.0115	0.00000434	13.6	0.0000122
2085 May	95.5	0.118	0.509	0.00394	26.1	0.038	26.3	0.00105	0.000681	0.00000371	0.00372	0.00176	0.0371	0.0115	0.00000434	13.6	0.0000122
2085 Jun	95.8	0.117	0.504	0.00393	26	0.0381	26.5	0.00105	0.000679	0.00000371	0.00372	0.00177	0.0373	0.0116	0.00000434	13.6	0.0000122
2085 Jul	96	0.117	0.505	0.00393	26	0.0381	26.6	0.00105	0.00068	0.00000371	0.00373	0.00178	0.0373	0.0116	0.00000435	13.7	0.0000123
2085 Aug	96	0.117	0.505	0.00393	26	0.0382	26.6	0.00105	0.000681	0.00000372	0.00373	0.00178	0.0374	0.0116	0.00000435	13.7	0.0000123
2085 Sep	96.1	0.117	0.502	0.00392	26	0.0382	26.7	0.00106	0.00068	0.00000371	0.00374	0.00179	0.0375	0.0116	0.00000435	13.7	0.0000123
2085 Oct	96.2	0.117	0.499	0.00392	25.9	0.0382	26.8	0.00106	0.000678	0.00000371	0.00374	0.0018	0.0376	0.0116	0.00000435	13.7	0.0000123
2085 Nov	96.3	0.117	0.498	0.00391	25.9	0.0382	26.9	0.00106	0.000678	0.0000037	0.00374	0.0018	0.0376	0.0116	0.00000435	13.8	0.0000123
2085 Dec	96.3	0.117	0.498	0.00391	25.9	0.0382	26.9	0.00106	0.000678	0.0000037	0.00374	0.0018	0.0376	0.0116	0.00000435	13.8	0.0000123
2086 Jan	96.3	0.117	0.498	0.00391	25.9	0.0382	26.9	0.00106	0.000678	0.0000037	0.00374	0.0018	0.0376	0.0116	0.00000435	13.8	0.0000123
2086 Feb	96.3	0.117	0.498	0.00391	25.9	0.0382	26.9	0.00106	0.000678	0.0000037	0.00374	0.0018	0.0376	0.0116	0.00000435	13.8	0.0000123
2086 Mar	96.3	0.117	0.498	0.00391	25.9	0.0382	26.9	0.00106	0.000678	0.0000037	0.00374	0.0018	0.0376	0.0116	0.00000435	13.8	0.0000123
2086 Apr	96.3	0.117	0.498	0.00391	25.9	0.0383	26.9	0.00106	0.000678	0.0000037	0.00374	0.0018	0.0376	0.0116	0.00000435	13.8	0.0000123
2086 May	96.4	0.117	0.498	0.00391	25.9	0.0383	26.9	0.00106	0.000678	0.00000371	0.00374	0.0018	0.0376	0.0116	0.00000435	13.8	0.0000123
2086 Jun	96.6	0.116	0.489	0.00388	25.7	0.0383	27.2	0.00107	0.000674	0.00000369	0.00374	0.00183	0.0378	0.0116	0.00000434	13.9	0.0000123
2086 Jul	97	0.116	0.487	0.00388	25.7	0.0384	27.4	0.00107	0.000675	0.00000369	0.00375	0.00184	0.038	0.0117	0.00000435	13.9	0.0000124
2086 Aug	97.1	0.116	0.487	0.00388	25.7	0.0385	27.5	0.00107	0.000676	0.0000037	0.00375	0.00184	0.0381	0.0117	0.00000436	14	0.0000124
2086 Sep	97	0.116	0.487	0.00388	25.7	0.0385	27.4	0.00107	0.000676	0.0000037	0.00375	0.00184	0.038	0.0117	0.00000435	14	0.0000124
2086 Oct	97	0.116	0.486	0.00388	25.7	0.0385	27.5	0.00107	0.000675	0.0000037	0.00375	0.00184	0.0381	0.0117	0.00000435	14	0.0000124
2086 Nov	97	0.116	0.486	0.00388	25.7	0.0385	27.5	0.00108	0.000676	0.0000037	0.00375	0.00184	0.0381	0.0117	0.00000435	14	0.0000124
2086 Dec	97	0.116	0.486	0.00388	25.7	0.0385	27.5	0.00108	0.000676	0.0000037	0.00375	0.00184	0.0381	0.0117	0.00000435	14	0.0000124
2087 Jan	97	0.116	0.486	0.00388	25.7	0.0385	27.5	0.00108	0.000676	0.0000037	0.00375	0.00184	0.0381	0.0117	0.00000435	14	0.0000124
2087 Feb	97	0.116	0.486	0.00388	25.7	0.0385	27.5	0.00108	0.000676	0.0000037	0.00375	0.00184	0.0381	0.0117	0.00000435	14	0.0000124
2087 Mar	97	0.116	0.486	0.00388	25.7	0.0385	27.5	0.00108	0.000676	0.0000037	0.00375	0.00184	0.0381	0.0117	0.00000435	14	0.0000124
2087 Apr	97.1	0.116	0.487	0.00388	25.7	0.0385	27.5	0.00108	0.000676	0.0000037	0.00375	0.00184	0.0381	0.0117	0.00000435	14	0.0000124
2087 May	97.1	0.116	0.486	0.00388	25.7	0.0385	27.5	0.00108	0.000675	0.0000037	0.00376	0.00185	0.0381	0.0117	0.00000435	14	0.0000124
2087 Jun	97.3	0.115	0.479	0.00385	25.5	0.0385	27.7	0.00108	0.000673	0.00000369	0.00376	0.00187	0.0382	0.0117	0.00000435	14.1	0.0000124
2087 Jul	97.5	0.116	0.48	0.00386	25.6	0.0386	27.8	0.00108	0.000674	0.00000369	0.00376	0.00187	0.0383	0.0117	0.00000436	14.1	0.0000125
2087 Aug	97.6	0.116	0.481	0.00386	25.6	0.0387	27.8	0.00108	0.000675	0.0000037	0.00377	0.00187	0.0384	0.0118	0.00000436	14.1	0.0000125

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2087 Sep	97.7	0.116	0.481	0.00387	25.6	0.0387	27.8	0.00109	0.000676	0.0000037	0.00377	0.00187	0.0384	0.0118	0.00000437	14.1	0.0000125
2087 Oct	97.7	0.116	0.481	0.00386	25.6	0.0387	27.8	0.00109	0.000676	0.0000037	0.00377	0.00187	0.0384	0.0118	0.00000437	14.1	0.0000125
2087 Nov	97.6	0.116	0.481	0.00386	25.6	0.0387	27.8	0.00109	0.000676	0.0000037	0.00377	0.00187	0.0384	0.0118	0.00000437	14.1	0.0000125
2087 Dec	97.6	0.116	0.481	0.00386	25.6	0.0387	27.8	0.00109	0.000676	0.0000037	0.00377	0.00187	0.0384	0.0118	0.00000437	14.1	0.0000125
2088 Jan	97.6	0.116	0.481	0.00386	25.6	0.0387	27.8	0.00109	0.000676	0.0000037	0.00377	0.00187	0.0384	0.0118	0.00000437	14.1	0.0000125
2088 Feb	97.6	0.116	0.481	0.00386	25.6	0.0387	27.8	0.00109	0.000676	0.0000037	0.00377	0.00187	0.0384	0.0118	0.00000437	14.1	0.0000125
2088 Mar	97.6	0.116	0.481	0.00386	25.6	0.0387	27.8	0.00109	0.000676	0.0000037	0.00377	0.00187	0.0384	0.0118	0.00000437	14.1	0.0000125
2088 Apr	97.7	0.116	0.481	0.00387	25.6	0.0387	27.8	0.00109	0.000676	0.0000037	0.00377	0.00187	0.0384	0.0118	0.00000437	14.1	0.0000125
2088 May	97.8	0.116	0.481	0.00387	25.7	0.0387	27.9	0.00109	0.000677	0.00000371	0.00378	0.00188	0.0384	0.0118	0.00000437	14.1	0.0000125
2088 Jun	97.6	0.115	0.478	0.00385	25.5	0.0386	27.9	0.00109	0.000674	0.0000037	0.00377	0.00188	0.0384	0.0118	0.00000436	14.1	0.0000125
2088 Jul	97.8	0.116	0.477	0.00385	25.6	0.0387	28	0.00109	0.000675	0.0000037	0.00378	0.00188	0.0385	0.0118	0.00000437	14.2	0.0000125
2088 Aug	98.1	0.116	0.479	0.00386	25.6	0.0388	28	0.00109	0.000677	0.00000371	0.00379	0.00189	0.0386	0.0118	0.00000438	14.2	0.0000126
2088 Sep	98.1	0.116	0.479	0.00387	25.6	0.0388	28.1	0.00109	0.000677	0.00000371	0.00379	0.00189	0.0386	0.0118	0.00000438	14.2	0.0000126
2088 Oct	98	0.116	0.478	0.00386	25.6	0.0388	28	0.00109	0.000677	0.00000371	0.00379	0.00189	0.0385	0.0118	0.00000438	14.2	0.0000125
2088 Nov	97.9	0.116	0.478	0.00386	25.6	0.0388	28	0.00109	0.000676	0.00000371	0.00379	0.00189	0.0385	0.0118	0.00000438	14.2	0.0000125
2088 Dec	97.9	0.116	0.478	0.00386	25.6	0.0388	28	0.00109	0.000676	0.00000371	0.00379	0.00189	0.0385	0.0118	0.00000438	14.2	0.0000125
2089 Jan	97.9	0.116	0.478	0.00386	25.6	0.0388	28	0.00109	0.000676	0.00000371	0.00379	0.00189	0.0385	0.0118	0.00000438	14.2	0.0000125
2089 Feb	97.9	0.116	0.478	0.00386	25.6	0.0388	28	0.00109	0.000676	0.00000371	0.00379	0.00189	0.0385	0.0118	0.00000438	14.2	0.0000125
2089 Mar	97.9	0.116	0.478	0.00386	25.6	0.0388	28	0.00109	0.000676	0.00000371	0.00379	0.00189	0.0385	0.0118	0.00000438	14.2	0.0000125
2089 Apr	98	0.116	0.478	0.00386	25.6	0.0388	28	0.00109	0.000677	0.00000371	0.00379	0.00189	0.0385	0.0118	0.00000438	14.2	0.0000125
2089 May	97.9	0.116	0.477	0.00385	25.6	0.0388	28	0.00109	0.000676	0.00000371	0.00379	0.00189	0.0385	0.0118	0.00000438	14.2	0.0000125
2089 Jun	98	0.115	0.473	0.00384	25.5	0.0388	28.1	0.00109	0.000674	0.0000037	0.00379	0.0019	0.0386	0.0118	0.00000437	14.3	0.0000126
2089 Jul	98.2	0.115	0.473	0.00384	25.5	0.0388	28.2	0.0011	0.000675	0.0000037	0.00379	0.0019	0.0387	0.0119	0.00000438	14.3	0.0000126
2089 Aug	98.3	0.116	0.474	0.00385	25.6	0.0389	28.2	0.0011	0.000677	0.00000371	0.0038	0.0019	0.0387	0.0119	0.00000438	14.3	0.0000126
2089 Sep	98.3	0.116	0.474	0.00385	25.6	0.0389	28.2	0.0011	0.000677	0.00000371	0.0038	0.0019	0.0387	0.0119	0.00000439	14.3	0.0000126
2089 Oct	98.3	0.115	0.471	0.00383	25.5	0.0389	28.3	0.0011	0.000675	0.0000037	0.0038	0.00191	0.0387	0.0119	0.00000438	14.3	0.0000126
2089 Nov	98.3	0.115	0.47	0.00383	25.4	0.0389	28.3	0.0011	0.000674	0.0000037	0.0038	0.00191	0.0388	0.0119	0.00000438	14.3	0.0000126
2089 Dec	98.3	0.115	0.47	0.00383	25.4	0.0389	28.3	0.0011	0.000675	0.0000037	0.0038	0.00191	0.0388	0.0119	0.00000438	14.3	0.0000126
2090 Jan	98.3	0.115	0.47	0.00383	25.4	0.0389	28.3	0.0011	0.000675	0.0000037	0.0038	0.00191	0.0388	0.0119	0.00000438	14.3	0.0000126
2090 Feb	98.3	0.115	0.47	0.00383	25.4	0.0389	28.3	0.0011	0.000675	0.0000037	0.0038	0.00191	0.0388	0.0119	0.00000438	14.3	0.0000126
2090 Mar	98.3	0.115	0.47	0.00383	25.5	0.0389	28.3	0.0011	0.000675	0.0000037	0.0038	0.00191	0.0388	0.0119	0.00000438	14.3	0.0000126
2090 Apr	98.3	0.115	0.47	0.00383	25.5	0.0389	28.3	0.0011	0.000675	0.0000037	0.0038	0.00191	0.0388	0.0119	0.00000438	14.3	0.0000126
2090 May	98.4	0.115	0.47	0.00383	25.5	0.0389	28.3	0.0011	0.000675	0.0000037	0.0038	0.00191	0.0388	0.0119	0.00000438	14.3	0.0000126
2090 Jun	98.6	0.114	0.461	0.00379	25.2	0.0389	28.7	0.00111	0.00067	0.00000368	0.0038	0.00194	0.039	0.0119	0.00000437	14.4	0.0000126
2090 Jul	98.9	0.114	0.46	0.0038	25.3	0.039	28.8	0.00111	0.000671	0.00000369	0.00381	0.00195	0.0391	0.0119	0.00000438	14.5	0.0000127
2090 Aug	99	0.114	0.458	0.00379	25.2	0.0391	28.9	0.00111	0.000671	0.00000369	0.00381	0.00196	0.0392	0.0119	0.00000438	14.5	0.0000127
2090 Sep	99.2	0.114	0.455	0.00378	25.1	0.0391	29.1	0.00112	0.000669	0.00000368	0.00381	0.00197	0.0393	0.012	0.00000438	14.6	0.0000127
2090 Oct	99.4	0.113	0.45	0.00376	25	0.0392	29.3	0.00112	0.000667	0.00000367	0.00381	0.00199	0.0395	0.012	0.00000437	14.6	0.0000127
2090 Nov	99.5	0.113	0.448	0.00375	25	0.0392	29.4	0.00112	0.000667	0.00000367	0.00381	0.00199	0.0395	0.012	0.00000437	14.7	0.0000127
2090 Dec	99.5	0.113	0.448	0.00375	25	0.0392	29.4	0.00112	0.000667	0.00000367	0.00381	0.00199	0.0395	0.012	0.00000437	14.7	0.0000127
2091 Jan	99.5	0.113	0.448	0.00375	25	0.0392	29.4	0.00112	0.000667	0.00000367	0.00381	0.00199	0.0395	0.012	0.00000437	14.7	0.0000127
2091 Feb	99.5	0.113	0.448	0.00375	25	0.0392	29.4	0.00112	0.000667	0.00000367	0.00381	0.00199	0.0395	0.012	0.00000437	14.7	0.0000127
2091 Mar	99.5	0.113	0.448	0.00375	25	0.0392	29.4	0.00112	0.000667	0.00000367	0.00381	0.00199	0.0395	0.012	0.00000437	14.7	0.0000127
2091 Apr	99.5	0.113	0.448	0.00375	25	0.0392	29.4	0.00113	0.000667	0.00000367	0.00381	0.00199	0.0395	0.012	0.00000438	14.7	0.0000127
2091 May	99.6	0.113	0.448	0.00375	25	0.0392	29.4	0.00113	0.000667	0.00000367	0.00381	0.002	0.0396	0.012	0.00000438	14.7	0.0000127
2091 Jun	99.7	0.113	0.441	0.00373	24.8	0.0392	29.6	0.00113	0.000664	0.00000366	0.00381	0.00201	0.0397	0.012	0.00000437	14.8	0.0000128
2091 Jul	100	0.113	0.442	0.00373	24.9	0.0393	29.7	0.00113	0.000666	0.00000367	0.00382	0.00202	0.0398	0.012	0.00000438	14.8	0.0000128
2091 Aug	100	0.113	0.442	0.00373	24.9	0.0394	29.8	0.00114	0.000666	0.00000367	0.00383	0.00202	0.0398	0.0121	0.00000438	14.8	0.0000128
2091 Sep	100	0.113	0.441	0.00373	24.9	0.0394	29.8	0.00114	0.000665	0.00000367	0.00383	0.00203	0.0398	0.0121	0.00000438	14.8	0.0000128
2091 Oct	100	0.113	0.438	0.00372	24.8	0.0394	29.9	0.00114	0.000664	0.00000366	0.00383	0.00203	0.0399	0.0121	0.00000438	14.9	0.0000128
2091 Nov	100	0.112	0.436	0.00371	24.8	0.0394	30	0.00114	0.000663	0.00000366	0.00383	0.00204	0.04	0.0121	0.00000438	14.9	0.0000128
2091 Dec	100	0.112	0.436	0.00371	24.8	0.0394	30	0.00114	0.000663	0.00000366	0.00383	0.00204	0.04	0.0121	0.00000438	14.9	0.0000128
2092 Jan	100	0.112	0.436	0.00371	24.8	0.0394	30	0.00114	0.000663	0.00000366	0.00383	0.00204	0.04	0.0121	0.00000438	14.9	0.0000128
2092 Feb	100	0.112	0.436	0.00371	24.8	0.0394	30	0.00114	0.000663	0.00000366	0.00383	0.00204	0.04	0.0121	0.00000438	14.9	0.0000128
2092 Mar	100	0.112	0.436	0.00371	24.8	0.0394	30	0.00114	0.000663	0.00000366	0.00383	0.00204	0.04	0.0121	0.00000438	14.9	0.0000128
2092 Apr	100	0.112	0.436	0.00371	24.8	0.0394	30	0.00114	0.000663	0.00000366	0.00383	0.00204	0.04	0.0121	0.00000438	14.9	0.0000128
2092 May	100	0.112	0.436	0.00371	24.8	0.0394	30	0.00114	0.000663	0.00000366	0.00383	0.00204	0.04	0.0121	0.00000438	14.9	0.0000128
2092 Jun	101	0.111	0.424	0.00366	24.5	0.0395	30.5	0.00115	0.000658	0.00000364	0.00383	0.00208	0.0403	0.0121	0.00000437	15.1	0.0000129
2092 Jul	101	0.111	0.422	0.00366	24.5	0.0396	30.7	0.00116	0.000658	0.00000364	0.00383	0.0021	0.0405	0.0121	0.00000437	15.1	0.0000129
2092 Aug	101	0.111	0.422	0.00366	24.5	0.0397	30.8	0.00116	0.000659	0.00000365	0.00384	0.0021	0.0405	0.0122	0.00000438	15.2	0.0000129
2092 Sep	101	0.111	0.422	0.00366	24.5	0.0397	30.8	0.00116	0.000659	0.00000365	0.00384	0.0021	0.0405	0.0122	0.00000438	15.2	0.000013
2092 Oct	101	0.111	0.422	0.00366	24.5	0.0396	30.7	0.00116	0.000659	0.00000365	0.00384	0.0021	0.0405	0.0122	0.00000438	15.2	0.0000129
2092 Nov	101	0.111	0.422	0.00366	24.5	0.0396	30.7	0.00116	0.000659	0.00000365	0.00384	0.0021	0.0405	0.0122	0.00000438	15.2	0.0000129
2092 Dec	101	0.111	0.422	0.00366	24.5	0.0396	30.7	0.00116	0.000659	0.00000365	0.00384	0.0021	0.0405	0.0122	0.00000438	15.2	0.0000129
2093 Jan	101	0.111	0.422	0.00366	24.5	0.0396	30.7	0.00116	0.000659	0.00000365	0.00384	0.0021	0.0405	0.0122	0.00000438	15.2	0.0000129

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2093 Feb	101	0.111	0.422	0.00366	24.5	0.0396	30.7	0.00116	0.000659	0.00000365	0.00384	0.0021	0.0405	0.0122	0.00000438	15.2	0.0000129
2093 Mar	101	0.111	0.422	0.00366	24.5	0.0396	30.7	0.00116	0.000659	0.00000365	0.00384	0.0021	0.0405	0.0122	0.00000438	15.2	0.0000129
2093 Apr	101	0.111	0.422	0.00366	24.5	0.0396	30.8	0.00116	0.000659	0.00000365	0.00384	0.0021	0.0405	0.0122	0.00000438	15.2	0.0000129
2093 May	101	0.111	0.422	0.00366	24.5	0.0397	30.8	0.00116	0.000659	0.00000365	0.00384	0.0021	0.0405	0.0122	0.00000438	15.2	0.000013
2093 Jun	101	0.11	0.415	0.00363	24.3	0.0397	31	0.00117	0.000656	0.00000363	0.00384	0.00212	0.0407	0.0122	0.00000438	15.3	0.000013
2093 Jul	102	0.111	0.415	0.00364	24.4	0.0398	31.1	0.00117	0.000657	0.00000364	0.00385	0.00213	0.0408	0.0122	0.00000439	15.3	0.000013
2093 Aug	102	0.111	0.416	0.00364	24.4	0.0398	31.2	0.00117	0.000658	0.00000365	0.00386	0.00213	0.0409	0.0122	0.00000439	15.3	0.000013
2093 Sep	102	0.111	0.416	0.00364	24.4	0.0398	31.2	0.00117	0.000658	0.00000365	0.00386	0.00213	0.0409	0.0123	0.00000439	15.3	0.000013
2093 Oct	102	0.11	0.413	0.00363	24.3	0.0398	31.2	0.00117	0.000656	0.00000364	0.00385	0.00214	0.0408	0.0122	0.00000438	15.3	0.000013
2093 Nov	102	0.11	0.412	0.00362	24.3	0.0398	31.3	0.00117	0.000656	0.00000364	0.00385	0.00214	0.0409	0.0122	0.00000438	15.4	0.000013
2093 Dec	102	0.11	0.412	0.00362	24.3	0.0398	31.3	0.00117	0.000656	0.00000364	0.00385	0.00214	0.0409	0.0122	0.00000438	15.4	0.000013
2094 Jan	102	0.11	0.412	0.00362	24.3	0.0398	31.3	0.00117	0.000656	0.00000364	0.00385	0.00214	0.0409	0.0122	0.00000438	15.4	0.000013
2094 Feb	102	0.11	0.412	0.00362	24.3	0.0398	31.3	0.00117	0.000656	0.00000364	0.00385	0.00214	0.0409	0.0122	0.00000438	15.4	0.000013
2094 Mar	102	0.11	0.412	0.00362	24.3	0.0398	31.3	0.00117	0.000656	0.00000364	0.00385	0.00214	0.0409	0.0122	0.00000438	15.4	0.000013
2094 Apr	102	0.11	0.412	0.00362	24.3	0.0398	31.3	0.00118	0.000656	0.00000364	0.00385	0.00214	0.0409	0.0122	0.00000438	15.4	0.000013
2094 May	102	0.11	0.41	0.00362	24.2	0.0398	31.3	0.00118	0.000655	0.00000363	0.00385	0.00215	0.0409	0.0122	0.00000438	15.4	0.000013
2094 Jun	102	0.11	0.406	0.0036	24.2	0.0399	31.6	0.00118	0.000654	0.00000363	0.00386	0.00217	0.0411	0.0123	0.00000438	15.5	0.0000131
2094 Jul	103	0.11	0.407	0.00361	24.2	0.04	31.7	0.00119	0.000656	0.00000364	0.00387	0.00217	0.0412	0.0123	0.0000044	15.5	0.0000131
2094 Aug	103	0.11	0.408	0.00362	24.3	0.0401	31.7	0.00119	0.000658	0.00000365	0.00388	0.00218	0.0413	0.0124	0.00000441	15.6	0.0000131
2094 Sep	103	0.11	0.408	0.00362	24.3	0.0401	31.7	0.00119	0.000658	0.00000365	0.00388	0.00218	0.0413	0.0124	0.00000441	15.6	0.0000131
2094 Oct	103	0.11	0.408	0.00361	24.3	0.0401	31.7	0.00119	0.000657	0.00000365	0.00388	0.00217	0.0412	0.0123	0.0000044	15.5	0.0000131
2094 Nov	102	0.11	0.406	0.0036	24.2	0.04	31.6	0.00118	0.000655	0.00000364	0.00387	0.00217	0.0411	0.0123	0.00000439	15.5	0.0000131
2094 Dec	102	0.11	0.406	0.0036	24.2	0.0399	31.6	0.00118	0.000655	0.00000364	0.00387	0.00217	0.0411	0.0123	0.00000439	15.5	0.0000131
2095 Jan	102	0.11	0.406	0.0036	24.2	0.0399	31.6	0.00118	0.000655	0.00000364	0.00387	0.00217	0.0411	0.0123	0.00000439	15.5	0.0000131
2095 Feb	102	0.11	0.406	0.0036	24.2	0.0399	31.6	0.00118	0.000655	0.00000364	0.00387	0.00217	0.0411	0.0123	0.00000439	15.5	0.0000131
2095 Mar	102	0.11	0.406	0.0036	24.2	0.0399	31.6	0.00118	0.000655	0.00000364	0.00387	0.00217	0.0411	0.0123	0.00000439	15.5	0.0000131
2095 Apr	102	0.11	0.406	0.0036	24.2	0.04	31.6	0.00118	0.000656	0.00000364	0.00387	0.00217	0.0411	0.0123	0.00000439	15.5	0.0000131
2095 May	102	0.11	0.405	0.0036	24.2	0.04	31.7	0.00119	0.000655	0.00000364	0.00387	0.00217	0.0411	0.0123	0.00000439	15.5	0.0000131
2095 Jun	103	0.11	0.403	0.00359	24.1	0.04	31.8	0.00119	0.000655	0.00000364	0.00388	0.00219	0.0413	0.0124	0.0000044	15.6	0.0000131
2095 Jul	103	0.11	0.404	0.0036	24.2	0.0401	31.9	0.00119	0.000657	0.00000365	0.00389	0.00219	0.0414	0.0124	0.00000441	15.6	0.0000132
2095 Aug	103	0.11	0.404	0.0036	24.2	0.0401	31.9	0.00119	0.000657	0.00000365	0.00389	0.00219	0.0414	0.0124	0.00000441	15.6	0.0000132
2095 Sep	103	0.11	0.404	0.0036	24.2	0.0401	31.9	0.00119	0.000657	0.00000365	0.00389	0.00219	0.0414	0.0124	0.00000441	15.6	0.0000132
2095 Oct	103	0.11	0.404	0.0036	24.2	0.0401	31.9	0.00119	0.000657	0.00000365	0.00389	0.00219	0.0414	0.0124	0.00000441	15.6	0.0000132
2095 Nov	103	0.11	0.403	0.00359	24.1	0.0401	31.9	0.00119	0.000656	0.00000364	0.00388	0.00219	0.0413	0.0124	0.0000044	15.6	0.0000132
2095 Dec	103	0.11	0.402	0.00359	24.1	0.0401	31.9	0.00119	0.000656	0.00000364	0.00388	0.00219	0.0413	0.0124	0.0000044	15.6	0.0000132
2096 Jan	103	0.11	0.402	0.00359	24.1	0.0401	31.9	0.00119	0.000656	0.00000364	0.00388	0.00219	0.0413	0.0124	0.0000044	15.6	0.0000132
2096 Feb	103	0.11	0.402	0.00359	24.1	0.0401	31.9	0.00119	0.000656	0.00000364	0.00388	0.00219	0.0413	0.0124	0.0000044	15.6	0.0000132
2096 Mar	103	0.11	0.402	0.00359	24.1	0.0401	31.9	0.00119	0.000656	0.00000364	0.00389	0.00219	0.0413	0.0124	0.0000044	15.6	0.0000132
2096 Apr	103	0.11	0.403	0.00359	24.1	0.0401	31.9	0.00119	0.000656	0.00000364	0.00389	0.00219	0.0413	0.0124	0.0000044	15.6	0.0000132
2096 May	103	0.11	0.402	0.00359	24.1	0.0401	31.9	0.00119	0.000656	0.00000364	0.00389	0.00219	0.0414	0.0124	0.0000044	15.6	0.0000132
2096 Jun	103	0.109	0.393	0.00355	23.9	0.0401	32.3	0.0012	0.000651	0.00000362	0.00388	0.00223	0.0416	0.0124	0.00000439	15.8	0.0000132
2096 Jul	104	0.109	0.391	0.00355	23.9	0.0403	32.5	0.00121	0.000652	0.00000363	0.0039	0.00224	0.0418	0.0125	0.0000044	15.9	0.0000132
2096 Aug	104	0.109	0.392	0.00356	23.9	0.0404	32.6	0.00121	0.000653	0.00000364	0.0039	0.00225	0.0419	0.0125	0.00000441	15.9	0.0000133
2096 Sep	104	0.109	0.392	0.00355	23.9	0.0404	32.6	0.00121	0.000653	0.00000364	0.0039	0.00225	0.0418	0.0125	0.00000441	15.9	0.0000133
2096 Oct	104	0.109	0.39	0.00354	23.9	0.0403	32.5	0.00121	0.000652	0.00000363	0.0039	0.00224	0.0417	0.0125	0.0000044	15.9	0.0000132
2096 Nov	104	0.109	0.39	0.00354	23.8	0.0403	32.5	0.00121	0.000651	0.00000363	0.0039	0.00224	0.0418	0.0125	0.0000044	15.9	0.0000132
2096 Dec	104	0.109	0.39	0.00354	23.8	0.0403	32.5	0.00121	0.000651	0.00000363	0.0039	0.00224	0.0418	0.0125	0.0000044	15.9	0.0000132
2097 Jan	104	0.109	0.39	0.00354	23.8	0.0403	32.5	0.00121	0.000651	0.00000363	0.0039	0.00224	0.0418	0.0125	0.0000044	15.9	0.0000132
2097 Feb	104	0.109	0.39	0.00354	23.8	0.0403	32.5	0.00121	0.000651	0.00000363	0.0039	0.00224	0.0418	0.0125	0.0000044	15.9	0.0000132
2097 Mar	104	0.109	0.39	0.00354	23.8	0.0403	32.5	0.00121	0.000652	0.00000363	0.0039	0.00224	0.0418	0.0125	0.0000044	15.9	0.0000132
2097 Apr	104	0.109	0.39	0.00354	23.9	0.0403	32.6	0.00121	0.000652	0.00000363	0.0039	0.00224	0.0418	0.0125	0.0000044	15.9	0.0000132
2097 May	104	0.109	0.39	0.00354	23.9	0.0403	32.6	0.00121	0.000652	0.00000363	0.0039	0.00225	0.0418	0.0125	0.00000441	15.9	0.0000133
2097 Jun	104	0.108	0.386	0.00353	23.8	0.0403	32.7	0.00122	0.000651	0.00000362	0.0039	0.00226	0.0419	0.0125	0.0000044	15.9	0.0000133
2097 Jul	104	0.108	0.387	0.00354	23.8	0.0404	32.8	0.00122	0.000652	0.00000363	0.00391	0.00226	0.042	0.0125	0.00000442	16	0.0000133
2097 Aug	104	0.109	0.388	0.00354	23.9	0.0405	32.9	0.00122	0.000653	0.00000364	0.00392	0.00227	0.042	0.0125	0.00000442	16	0.0000133
2097 Sep	104	0.109	0.388	0.00354	23.9	0.0405	32.9	0.00122	0.000654	0.00000364	0.00392	0.00227	0.0421	0.0126	0.00000443	16	0.0000133
2097 Oct	104	0.109	0.388	0.00354	23.9	0.0405	32.9	0.00122	0.000654	0.00000364	0.00392	0.00227	0.0421	0.0126	0.00000443	16	0.0000133
2097 Nov	104	0.109	0.388	0.00354	23.9	0.0405	32.9	0.00122	0.000654	0.00000364	0.00392	0.00227	0.042	0.0126	0.00000442	16	0.0000133
2097 Dec	104	0.109	0.388	0.00354	23.9	0.0405	32.9	0.00122	0.000654	0.00000364	0.00392	0.00227	0.042	0.0126	0.00000442	16	0.0000133
2098 Jan	104	0.109	0.388	0.00354	23.9	0.0405	32.9	0.00122	0.000654	0.00000364	0.00392	0.00227	0.042	0.0126	0.00000442	16	0.0000133
2098 Feb	104	0.109	0.388	0.00354	23.9	0.0405	32.9	0.00122	0.000654	0.00000364	0.00392	0.00227	0.042	0.0126	0.00000442	16	0.0000133
2098 Mar	104	0.109	0.388	0.00354	23.9	0.0405	32.9	0.00122	0.000654	0.00000364	0.00392	0.00227	0.042	0.0126	0.00000442	16	0.0000133
2098 Apr	104	0.109	0.388	0.00354	23.9	0.0405	32.9	0.00122	0.000654	0.00000364	0.00392	0.00227	0.0421	0.0126	0.00000443	16	0.0000133
2098 May	104	0.108	0.387	0.00354	23.8	0.0405	32.9	0.00122	0.000653	0.00000364	0.00392	0.00227	0.042	0.0126	0.00000442	16	0.0000133
2098 Jun	104	0.107	0.378	0.00349	23.6	0.0404	33.2	0.00123	0.000648	0.00000362	0.00391	0.00229	0.0421	0.0126	0.00000441	16.1	0.0000133

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2098 Jul	105	0.108	0.379	0.0035	23.7	0.0406	33.3	0.00123	0.00065	0.00000363	0.00393	0.00231	0.0423	0.0126	0.00000442	16.2	0.0000134
2098 Aug	105	0.108	0.379	0.0035	23.7	0.0406	33.3	0.00124	0.000651	0.00000363	0.00393	0.00231	0.0423	0.0126	0.00000442	16.2	0.0000134
2098 Sep	105	0.107	0.377	0.00349	23.6	0.0406	33.3	0.00124	0.000649	0.00000362	0.00393	0.00231	0.0423	0.0126	0.00000442	16.2	0.0000134
2098 Oct	105	0.107	0.374	0.00348	23.5	0.0406	33.5	0.00124	0.000648	0.00000362	0.00392	0.00232	0.0424	0.0126	0.00000441	16.3	0.0000134
2098 Nov	105	0.107	0.373	0.00347	23.5	0.0406	33.6	0.00124	0.000647	0.00000362	0.00393	0.00233	0.0424	0.0126	0.00000441	16.3	0.0000134
2098 Dec	105	0.107	0.373	0.00347	23.5	0.0406	33.6	0.00124	0.000647	0.00000362	0.00393	0.00233	0.0424	0.0126	0.00000441	16.3	0.0000134
2099 Jan	105	0.107	0.373	0.00347	23.5	0.0406	33.6	0.00124	0.000647	0.00000362	0.00393	0.00233	0.0424	0.0126	0.00000441	16.3	0.0000134
2099 Feb	105	0.107	0.373	0.00347	23.5	0.0406	33.6	0.00124	0.000647	0.00000362	0.00393	0.00233	0.0424	0.0126	0.00000441	16.3	0.0000134
2099 Mar	105	0.107	0.373	0.00347	23.5	0.0406	33.6	0.00124	0.000647	0.00000362	0.00393	0.00233	0.0424	0.0126	0.00000441	16.3	0.0000134
2099 Apr	105	0.107	0.373	0.00347	23.5	0.0406	33.6	0.00124	0.000647	0.00000362	0.00393	0.00233	0.0425	0.0126	0.00000442	16.3	0.0000134
2099 May	105	0.107	0.369	0.00346	23.4	0.0406	33.7	0.00125	0.000645	0.00000361	0.00392	0.00234	0.0425	0.0127	0.00000441	16.4	0.0000134
2099 Jun	105	0.106	0.365	0.00344	23.3	0.0406	34	0.00125	0.000644	0.0000036	0.00393	0.00236	0.0426	0.0127	0.00000441	16.4	0.0000134
2099 Jul	106	0.106	0.366	0.00345	23.4	0.0407	34.1	0.00126	0.000645	0.00000361	0.00394	0.00236	0.0427	0.0127	0.00000442	16.5	0.0000135
2099 Aug	106	0.107	0.367	0.00345	23.4	0.0408	34.1	0.00126	0.000647	0.00000362	0.00395	0.00237	0.0428	0.0128	0.00000443	16.5	0.0000135
2099 Sep	106	0.107	0.367	0.00345	23.4	0.0408	34.1	0.00126	0.000647	0.00000362	0.00395	0.00237	0.0428	0.0127	0.00000443	16.5	0.0000135
2099 Oct	106	0.106	0.365	0.00344	23.3	0.0408	34.1	0.00126	0.000646	0.00000361	0.00394	0.00237	0.0428	0.0127	0.00000442	16.5	0.0000135
2099 Nov	106	0.106	0.364	0.00344	23.3	0.0408	34.2	0.00126	0.000645	0.00000361	0.00394	0.00237	0.0428	0.0127	0.00000442	16.5	0.0000135
2099 Dec	106	0.106	0.364	0.00344	23.3	0.0408	34.2	0.00126	0.000645	0.00000361	0.00394	0.00237	0.0428	0.0127	0.00000442	16.5	0.0000135
2100 Jan	106	0.106	0.364	0.00344	23.3	0.0408	34.2	0.00126	0.000645	0.00000361	0.00394	0.00237	0.0428	0.0127	0.00000442	16.5	0.0000135
2100 Feb	106	0.106	0.364	0.00344	23.3	0.0408	34.2	0.00126	0.000645	0.00000361	0.00394	0.00237	0.0428	0.0127	0.00000442	16.5	0.0000135
2100 Mar	106	0.106	0.364	0.00344	23.3	0.0408	34.2	0.00126	0.000645	0.00000361	0.00394	0.00237	0.0428	0.0127	0.00000442	16.5	0.0000135
2100 Apr	106	0.106	0.364	0.00344	23.3	0.0408	34.2	0.00126	0.000645	0.00000361	0.00394	0.00237	0.0428	0.0127	0.00000442	16.5	0.0000135
2100 May	106	0.106	0.363	0.00343	23.3	0.0408	34.2	0.00126	0.000645	0.00000361	0.00394	0.00238	0.0428	0.0128	0.00000442	16.6	0.0000135
2100 Jun	106	0.105	0.355	0.0034	23.1	0.0408	34.6	0.00127	0.000641	0.0000036	0.00394	0.00241	0.043	0.0128	0.00000441	16.7	0.0000135
2100 Jul	107	0.105	0.355	0.0034	23.1	0.0409	34.7	0.00127	0.000641	0.0000036	0.00395	0.00242	0.0431	0.0128	0.00000442	16.7	0.0000135
2100 Aug	107	0.105	0.354	0.00339	23.1	0.0409	34.8	0.00128	0.000641	0.0000036	0.00395	0.00242	0.0431	0.0128	0.00000442	16.8	0.0000136
2100 Sep	107	0.105	0.353	0.00339	23.1	0.041	34.9	0.00128	0.000641	0.0000036	0.00395	0.00243	0.0432	0.0128	0.00000442	16.8	0.0000136
2100 Oct	107	0.105	0.353	0.00339	23	0.041	34.9	0.00128	0.000641	0.0000036	0.00395	0.00243	0.0432	0.0128	0.00000442	16.8	0.0000136
2100 Nov	107	0.105	0.353	0.00339	23	0.041	34.9	0.00128	0.000641	0.0000036	0.00395	0.00243	0.0432	0.0128	0.00000443	16.8	0.0000136
2100 Dec	107	0.105	0.353	0.00339	23	0.041	34.9	0.00128	0.000641	0.0000036	0.00395	0.00243	0.0432	0.0128	0.00000443	16.8	0.0000136
2101 Jan	107	0.105	0.353	0.00339	23	0.041	34.9	0.00128	0.000641	0.0000036	0.00395	0.00243	0.0432	0.0128	0.00000443	16.8	0.0000136
2101 Feb	107	0.105	0.353	0.00339	23	0.041	34.9	0.00128	0.000641	0.0000036	0.00395	0.00243	0.0432	0.0128	0.00000443	16.8	0.0000136
2101 Mar	107	0.105	0.353	0.00339	23	0.041	34.9	0.00128	0.000641	0.0000036	0.00395	0.00243	0.0432	0.0128	0.00000443	16.8	0.0000136
2101 Apr	107	0.105	0.353	0.00339	23.1	0.041	34.9	0.00128	0.000641	0.0000036	0.00396	0.00243	0.0433	0.0128	0.00000443	16.8	0.0000136
2101 May	107	0.105	0.352	0.00338	23	0.041	35	0.00128	0.000641	0.0000036	0.00396	0.00244	0.0433	0.0128	0.00000443	16.8	0.0000136
2101 Jun	107	0.104	0.347	0.00336	22.9	0.041	35.2	0.00129	0.000639	0.00000359	0.00396	0.00246	0.0434	0.0129	0.00000442	16.9	0.0000136
2101 Jul	108	0.105	0.347	0.00337	22.9	0.0411	35.4	0.00129	0.00064	0.0000036	0.00397	0.00247	0.0435	0.0129	0.00000443	17	0.0000136
2101 Aug	108	0.105	0.348	0.00338	23	0.0412	35.4	0.0013	0.000642	0.00000361	0.00398	0.00247	0.0436	0.0129	0.00000444	17	0.0000137
2101 Sep	108	0.105	0.348	0.00338	23	0.0412	35.4	0.0013	0.000641	0.00000361	0.00398	0.00247	0.0436	0.0129	0.00000444	17	0.0000137
2101 Oct	108	0.105	0.348	0.00337	23	0.0412	35.4	0.0013	0.000641	0.00000361	0.00398	0.00247	0.0436	0.0129	0.00000444	17	0.0000137
2101 Nov	108	0.105	0.347	0.00337	22.9	0.0412	35.3	0.00129	0.000641	0.0000036	0.00397	0.00247	0.0435	0.0129	0.00000444	17	0.0000137
2101 Dec	108	0.105	0.347	0.00337	22.9	0.0412	35.3	0.00129	0.000641	0.0000036	0.00397	0.00247	0.0435	0.0129	0.00000444	17	0.0000136
2102 Jan	108	0.105	0.347	0.00337	22.9	0.0412	35.3	0.00129	0.000641	0.0000036	0.00397	0.00247	0.0435	0.0129	0.00000444	17	0.0000136
2102 Feb	108	0.105	0.347	0.00337	22.9	0.0412	35.3	0.00129	0.000641	0.0000036	0.00397	0.00247	0.0435	0.0129	0.00000444	17	0.0000136
2102 Mar	108	0.105	0.347	0.00337	22.9	0.0412	35.3	0.00129	0.000641	0.0000036	0.00397	0.00247	0.0435	0.0129	0.00000444	17	0.0000136
2102 Apr	108	0.105	0.347	0.00337	22.9	0.0412	35.3	0.00129	0.000641	0.0000036	0.00397	0.00247	0.0435	0.0129	0.00000444	17	0.0000137
2102 May	108	0.105	0.347	0.00337	23	0.0412	35.4	0.0013	0.000641	0.0000036	0.00397	0.00247	0.0436	0.0129	0.00000444	17	0.0000137
2102 Jun	108	0.104	0.342	0.00334	22.8	0.0411	35.5	0.0013	0.000638	0.00000359	0.00397	0.00248	0.0436	0.0129	0.00000443	17	0.0000137
2102 Jul	108	0.104	0.339	0.00333	22.7	0.0412	35.8	0.00131	0.000637	0.00000359	0.00398	0.0025	0.0437	0.0129	0.00000443	17.1	0.0000137
2102 Aug	108	0.104	0.34	0.00334	22.7	0.0413	35.8	0.00131	0.000638	0.00000359	0.00398	0.00251	0.0438	0.0129	0.00000444	17.1	0.0000137
2102 Sep	108	0.104	0.34	0.00334	22.8	0.0413	35.8	0.00131	0.000638	0.0000036	0.00398	0.00251	0.0438	0.0129	0.00000444	17.2	0.0000137
2102 Oct	108	0.103	0.338	0.00333	22.7	0.0412	35.8	0.00131	0.000637	0.00000359	0.00398	0.0025	0.0437	0.0129	0.00000443	17.1	0.0000137
2102 Nov	108	0.103	0.338	0.00333	22.7	0.0412	35.8	0.00131	0.000637	0.00000359	0.00398	0.0025	0.0437	0.0129	0.00000443	17.1	0.0000137
2102 Dec	108	0.103	0.338	0.00333	22.7	0.0412	35.8	0.00131	0.000637	0.00000359	0.00398	0.0025	0.0437	0.0129	0.00000443	17.1	0.0000137
2103 Jan	108	0.103	0.338	0.00333	22.7	0.0412	35.8	0.00131	0.000637	0.00000359	0.00398	0.0025	0.0437	0.0129	0.00000443	17.1	0.0000137
2103 Feb	108	0.103	0.338	0.00333	22.7	0.0412	35.8	0.00131	0.000637	0.00000359	0.00398	0.0025	0.0437	0.0129	0.00000443	17.1	0.0000137
2103 Mar	108	0.103	0.338	0.00333	22.7	0.0412	35.8	0.00131	0.000637	0.00000359	0.00398	0.0025	0.0437	0.0129	0.00000443	17.1	0.0000137
2103 Apr	108	0.103	0.338	0.00333	22.7	0.0412	35.8	0.00131	0.000637	0.00000359	0.00398	0.0025	0.0437	0.0129	0.00000443	17.1	0.0000137
2103 May	108	0.103	0.338	0.00332	22.7	0.0412	35.8	0.00131	0.000637	0.00000359	0.00398	0.00251	0.0437	0.0129	0.00000443	17.2	0.0000137
2103 Jun	108	0.102	0.331	0.00329	22.5	0.0412	36.2	0.00132	0.000633	0.00000357	0.00398	0.00254	0.0439	0.013	0.00000442	17.3	0.0000137
2103 Jul	109	0.102	0.33	0.00329	22.5	0.0413	36.4	0.00132	0.000634	0.00000358	0.00398	0.00255	0.044	0.013	0.00000443	17.3	0.0000138
2103 Aug	109	0.102	0.329	0.00328	22.5	0.0414	36.5	0.00133	0.000634	0.00000358	0.00399	0.00256	0.0441	0.013	0.00000444	17.4	0.0000138
2103 Sep	109	0.102	0.327	0.00328	22.4	0.0414	36.5	0.00133	0.000633	0.00000358	0.00399	0.00256	0.0441	0.013	0.00000444	17.4	0.0000138
2103 Oct	109	0.102	0.324	0.00326	22.3	0.0414	36.7	0.00134	0.000631	0.00000357	0.00399	0.00258	0.0442	0.013	0.00000443	17.5	0.0000138
2103 Nov	109	0.102	0.323	0.00326	22.3	0.0414	36.8	0.00134	0.000631	0.00000357	0.00399	0.00258	0.0442	0.013	0.00000443	17.5	0.0000138

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2103 Dec	109	0.102	0.323	0.00326	22.3	0.0414	36.8	0.00134	0.000631	0.00000357	0.00399	0.00258	0.0442	0.013	0.00000443	17.5	0.0000138
2104 Jan	109	0.102	0.323	0.00326	22.3	0.0414	36.8	0.00134	0.000631	0.00000357	0.00399	0.00258	0.0442	0.013	0.00000443	17.5	0.0000138
2104 Feb	109	0.102	0.323	0.00326	22.3	0.0414	36.8	0.00134	0.000631	0.00000357	0.00399	0.00258	0.0442	0.013	0.00000443	17.5	0.0000138
2104 Mar	109	0.102	0.323	0.00326	22.3	0.0414	36.8	0.00134	0.000631	0.00000357	0.00399	0.00258	0.0442	0.013	0.00000443	17.5	0.0000138
2104 Apr	109	0.102	0.323	0.00326	22.3	0.0414	36.8	0.00134	0.000631	0.00000357	0.00399	0.00258	0.0442	0.013	0.00000443	17.5	0.0000138
2104 May	109	0.102	0.322	0.00325	22.3	0.0414	36.8	0.00134	0.000631	0.00000357	0.00399	0.00259	0.0442	0.013	0.00000443	17.5	0.0000138
2104 Jun	110	0.101	0.317	0.00322	22.1	0.0414	37.1	0.00135	0.000628	0.00000355	0.00399	0.00261	0.0444	0.013	0.00000442	17.6	0.0000138
2104 Jul	110	0.101	0.316	0.00323	22.1	0.0415	37.2	0.00135	0.000628	0.00000356	0.004	0.00262	0.0445	0.0131	0.00000443	17.7	0.0000138
2104 Aug	110	0.101	0.317	0.00323	22.1	0.0416	37.3	0.00135	0.000629	0.00000357	0.004	0.00262	0.0445	0.0131	0.00000444	17.7	0.0000139
2104 Sep	110	0.101	0.316	0.00322	22.1	0.0416	37.3	0.00135	0.000629	0.00000356	0.004	0.00262	0.0445	0.0131	0.00000444	17.7	0.0000138
2104 Oct	110	0.101	0.314	0.00321	22.1	0.0416	37.4	0.00136	0.000628	0.00000356	0.004	0.00263	0.0446	0.0131	0.00000443	17.7	0.0000139
2104 Nov	110	0.101	0.314	0.00321	22	0.0416	37.5	0.00136	0.000628	0.00000356	0.004	0.00264	0.0446	0.0131	0.00000443	17.7	0.0000139
2104 Dec	110	0.101	0.314	0.00321	22	0.0416	37.5	0.00136	0.000628	0.00000356	0.004	0.00264	0.0446	0.0131	0.00000443	17.7	0.0000139
2105 Jan	110	0.101	0.314	0.00321	22	0.0416	37.5	0.00136	0.000628	0.00000356	0.004	0.00264	0.0446	0.0131	0.00000443	17.7	0.0000139
2105 Feb	110	0.101	0.314	0.00321	22	0.0416	37.5	0.00136	0.000628	0.00000356	0.004	0.00264	0.0446	0.0131	0.00000443	17.7	0.0000139
2105 Mar	110	0.101	0.314	0.00321	22	0.0416	37.5	0.00136	0.000628	0.00000356	0.004	0.00264	0.0446	0.0131	0.00000444	17.7	0.0000139
2105 Apr	110	0.101	0.314	0.00321	22	0.0416	37.5	0.00136	0.000628	0.00000356	0.004	0.00264	0.0446	0.0131	0.00000444	17.7	0.0000139
2105 May	110	0.101	0.313	0.00321	22	0.0416	37.5	0.00136	0.000627	0.00000356	0.004	0.00264	0.0446	0.0131	0.00000443	17.8	0.0000139
2105 Jun	110	0.1	0.31	0.00319	22	0.0416	37.7	0.00137	0.000626	0.00000355	0.004	0.00265	0.0447	0.0131	0.00000443	17.8	0.0000139
2105 Jul	111	0.1	0.311	0.0032	22	0.0417	37.7	0.00137	0.000627	0.00000356	0.00401	0.00266	0.0448	0.0132	0.00000444	17.9	0.0000139
2105 Aug	111	0.1	0.309	0.00319	22	0.0417	37.8	0.00137	0.000627	0.00000356	0.00401	0.00267	0.0448	0.0132	0.00000444	17.9	0.0000139
2105 Sep	111	0.0998	0.306	0.00318	21.9	0.0418	38	0.00138	0.000625	0.00000355	0.00401	0.00268	0.0449	0.0132	0.00000444	18	0.0000139
2105 Oct	111	0.0995	0.304	0.00317	21.8	0.0418	38.2	0.00138	0.000624	0.00000355	0.00401	0.00269	0.045	0.0132	0.00000444	18	0.0000139
2105 Nov	111	0.0994	0.303	0.00316	21.8	0.0418	38.2	0.00138	0.000624	0.00000355	0.00401	0.0027	0.045	0.0132	0.00000444	18	0.0000139
2105 Dec	111	0.0994	0.303	0.00316	21.8	0.0418	38.2	0.00138	0.000624	0.00000355	0.00401	0.0027	0.045	0.0132	0.00000444	18	0.0000139
2106 Jan	111	0.0994	0.303	0.00316	21.8	0.0418	38.2	0.00138	0.000624	0.00000355	0.00401	0.0027	0.045	0.0132	0.00000444	18	0.0000139
2106 Feb	111	0.0994	0.303	0.00316	21.8	0.0418	38.2	0.00138	0.000624	0.00000355	0.00401	0.0027	0.045	0.0132	0.00000444	18	0.0000139
2106 Mar	111	0.0994	0.303	0.00316	21.8	0.0418	38.2	0.00138	0.000624	0.00000355	0.00401	0.0027	0.045	0.0132	0.00000444	18	0.0000139
2106 Apr	111	0.0994	0.303	0.00316	21.8	0.0418	38.2	0.00138	0.000624	0.00000355	0.00401	0.0027	0.045	0.0132	0.00000444	18	0.0000139
2106 May	111	0.0995	0.303	0.00316	21.8	0.0418	38.2	0.00138	0.000624	0.00000355	0.00402	0.0027	0.045	0.0132	0.00000444	18	0.0000139
2106 Jun	111	0.0987	0.298	0.00313	21.6	0.0418	38.5	0.00139	0.000621	0.00000354	0.00401	0.00272	0.0451	0.0132	0.00000443	18.1	0.0000139
2106 Jul	112	0.0987	0.297	0.00313	21.6	0.0419	38.7	0.0014	0.000622	0.00000354	0.00402	0.00274	0.0452	0.0132	0.00000444	18.2	0.000014
2106 Aug	112	0.0987	0.297	0.00313	21.6	0.0419	38.7	0.0014	0.000622	0.00000354	0.00402	0.00274	0.0452	0.0132	0.00000445	18.2	0.000014
2106 Sep	112	0.0984	0.295	0.00312	21.5	0.0419	38.9	0.0014	0.000621	0.00000354	0.00402	0.00275	0.0453	0.0132	0.00000444	18.3	0.000014
2106 Oct	112	0.0983	0.294	0.00312	21.5	0.0419	38.9	0.00141	0.00062	0.00000354	0.00402	0.00276	0.0453	0.0132	0.00000444	18.3	0.000014
2106 Nov	112	0.0983	0.294	0.00312	21.5	0.0419	38.9	0.00141	0.000621	0.00000354	0.00402	0.00276	0.0453	0.0132	0.00000444	18.3	0.000014
2106 Dec	112	0.0983	0.294	0.00312	21.5	0.0419	38.9	0.00141	0.000621	0.00000354	0.00402	0.00276	0.0453	0.0132	0.00000444	18.3	0.000014
2107 Jan	112	0.0983	0.294	0.00312	21.5	0.0419	38.9	0.00141	0.000621	0.00000354	0.00402	0.00276	0.0453	0.0132	0.00000444	18.3	0.000014
2107 Feb	112	0.0983	0.294	0.00312	21.5	0.0419	38.9	0.00141	0.000621	0.00000354	0.00402	0.00276	0.0453	0.0132	0.00000444	18.3	0.000014
2107 Mar	112	0.0983	0.294	0.00312	21.5	0.0419	38.9	0.00141	0.000621	0.00000354	0.00403	0.00276	0.0453	0.0132	0.00000444	18.3	0.000014
2107 Apr	112	0.0983	0.294	0.00312	21.5	0.0419	38.9	0.00141	0.000621	0.00000354	0.00403	0.00276	0.0453	0.0132	0.00000444	18.3	0.000014
2107 May	112	0.0982	0.293	0.00311	21.5	0.0419	39	0.00141	0.00062	0.00000354	0.00403	0.00276	0.0453	0.0132	0.00000444	18.3	0.000014
2107 Jun	112	0.0978	0.29	0.0031	21.4	0.0419	39.1	0.00141	0.000619	0.00000353	0.00403	0.00277	0.0454	0.0133	0.00000444	18.4	0.000014
2107 Jul	112	0.0979	0.29	0.0031	21.4	0.042	39.1	0.00141	0.00062	0.00000354	0.00403	0.00277	0.0454	0.0133	0.00000445	18.4	0.000014
2107 Aug	113	0.098	0.291	0.0031	21.5	0.042	39.2	0.00142	0.000621	0.00000354	0.00404	0.00278	0.0455	0.0133	0.00000445	18.4	0.000014
2107 Sep	113	0.0981	0.291	0.00311	21.5	0.0421	39.2	0.00142	0.000621	0.00000354	0.00404	0.00278	0.0455	0.0133	0.00000445	18.4	0.0000141
2107 Oct	113	0.0979	0.29	0.0031	21.4	0.042	39.2	0.00142	0.00062	0.00000354	0.00404	0.00278	0.0455	0.0133	0.00000445	18.4	0.000014
2107 Nov	113	0.0979	0.29	0.0031	21.4	0.042	39.2	0.00142	0.00062	0.00000354	0.00404	0.00278	0.0455	0.0133	0.00000445	18.4	0.000014
2107 Dec	113	0.0979	0.29	0.0031	21.4	0.042	39.2	0.00142	0.00062	0.00000354	0.00404	0.00278	0.0455	0.0133	0.00000445	18.4	0.000014
2108 Jan	113	0.0979	0.29	0.0031	21.4	0.042	39.2	0.00142	0.00062	0.00000354	0.00404	0.00278	0.0455	0.0133	0.00000445	18.4	0.000014
2108 Feb	113	0.0979	0.29	0.0031	21.4	0.042	39.2	0.00142	0.00062	0.00000354	0.00404	0.00278	0.0455	0.0133	0.00000445	18.4	0.000014
2108 Mar	113	0.0979	0.29	0.0031	21.4	0.042	39.2	0.00142	0.00062	0.00000354	0.00404	0.00278	0.0455	0.0133	0.00000445	18.4	0.000014
2108 Apr	113	0.0979	0.29	0.0031	21.4	0.0421	39.3	0.00142	0.00062	0.00000354	0.00404	0.00278	0.0455	0.0133	0.00000445	18.4	0.0000141
2108 May	113	0.098	0.29	0.0031	21.5	0.0421	39.3	0.00142	0.000621	0.00000355	0.00404	0.00279	0.0455	0.0133	0.00000446	18.5	0.0000141
2108 Jun	113	0.0976	0.288	0.00309	21.4	0.042	39.3	0.00142	0.00062	0.00000354	0.00404	0.00279	0.0455	0.0133	0.00000445	18.5	0.0000141
2108 Jul	113	0.0978	0.288	0.00309	21.4	0.0421	39.4	0.00142	0.000621	0.00000355	0.00405	0.0028	0.0456	0.0133	0.00000446	18.5	0.0000141
2108 Aug	113	0.098	0.289	0.0031	21.5	0.0422	39.5	0.00143	0.000623	0.00000356	0.00406	0.0028	0.0457	0.0134	0.00000447	18.6	0.0000141
2108 Sep	113	0.0981	0.289	0.0031	21.5	0.0422	39.5	0.00143	0.000623	0.00000356	0.00406	0.0028	0.0457	0.0134	0.00000447	18.6	0.0000141
2108 Oct	113	0.0978	0.288	0.00309	21.4	0.0421	39.4	0.00142	0.000621	0.00000355	0.00405	0.0028	0.0456	0.0133	0.00000446	18.5	0.0000141
2108 Nov	113	0.0977	0.288	0.00309	21.4	0.0421	39.4	0.00142	0.000621	0.00000355	0.00405	0.0028	0.0456	0.0133	0.00000446	18.5	0.0000141
2108 Dec	113	0.0977	0.288	0.00309	21.4	0.0421	39.4	0.00142	0.000621	0.00000355	0.00405	0.0028	0.0456	0.0133	0.00000446	18.5	0.0000141
2109 Jan	113	0.0977	0.288	0.00309	21.4	0.0421	39.4	0.00142	0.000621	0.00000355	0.00405	0.0028	0.0456	0.0133	0.00000446	18.5	0.0000141
2109 Feb	113	0.0977	0.288	0.00309	21.4	0.0421	39.4	0.00142	0.000621	0.00000355	0.00405	0.0028	0.0456	0.0133	0.00000446	18.5	0.0000141
2109 Mar	113	0.0977	0.288	0.00309	21.4	0.0421	39.4	0.00142	0.000621	0.00000355	0.00405	0.0028	0.0456	0.0133	0.00000446	18.5	0.0000141
2109 Apr	113	0.0978	0.288	0.00309	21.4	0.0421	39.4	0.00142	0.000621	0.00000355	0.00405	0.0028	0.0456	0.0133	0.00000446	18.5	0.0000141

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2109 May	113	0.0977	0.287	0.00309	21.4	0.0421	39.4	0.00142	0.000621	0.00000355	0.00405	0.0028	0.0456	0.0134	0.00000446	18.5	0.0000141
2109 Jun	113	0.0974	0.285	0.00308	21.3	0.0421	39.6	0.00143	0.00062	0.00000354	0.00406	0.00281	0.0456	0.0134	0.00000446	18.6	0.0000141
2109 Jul	113	0.0975	0.285	0.00308	21.4	0.0422	39.6	0.00143	0.000621	0.00000355	0.00406	0.00282	0.0457	0.0134	0.00000447	18.6	0.0000141
2109 Aug	113	0.0976	0.286	0.00308	21.4	0.0423	39.7	0.00143	0.000622	0.00000356	0.00407	0.00282	0.0458	0.0134	0.00000447	18.7	0.0000142
2109 Sep	113	0.0975	0.285	0.00308	21.4	0.0423	39.7	0.00143	0.000622	0.00000355	0.00407	0.00282	0.0458	0.0134	0.00000447	18.7	0.0000141
2109 Oct	113	0.0971	0.282	0.00306	21.3	0.0423	39.8	0.00144	0.00062	0.00000355	0.00406	0.00283	0.0458	0.0134	0.00000447	18.7	0.0000141
2109 Nov	114	0.0971	0.282	0.00306	21.3	0.0423	39.9	0.00144	0.00062	0.00000355	0.00407	0.00283	0.0458	0.0134	0.00000447	18.7	0.0000141
2109 Dec	114	0.0971	0.282	0.00306	21.3	0.0423	39.9	0.00144	0.00062	0.00000355	0.00407	0.00283	0.0458	0.0134	0.00000447	18.7	0.0000141
2110 Jan	114	0.0971	0.282	0.00306	21.3	0.0423	39.9	0.00144	0.00062	0.00000355	0.00407	0.00283	0.0458	0.0134	0.00000447	18.7	0.0000141
2110 Feb	114	0.0971	0.282	0.00306	21.3	0.0423	39.9	0.00144	0.00062	0.00000355	0.00407	0.00284	0.0458	0.0134	0.00000447	18.7	0.0000141
2110 Mar	114	0.0971	0.282	0.00306	21.3	0.0423	39.9	0.00144	0.00062	0.00000355	0.00407	0.00284	0.0458	0.0134	0.00000447	18.7	0.0000141
2110 Apr	114	0.0972	0.282	0.00306	21.3	0.0423	39.9	0.00144	0.00062	0.00000355	0.00407	0.00284	0.0458	0.0134	0.00000447	18.7	0.0000141
2110 May	114	0.0972	0.282	0.00306	21.3	0.0423	39.9	0.00144	0.00062	0.00000355	0.00407	0.00284	0.0458	0.0134	0.00000447	18.7	0.0000142
2110 Jun	114	0.0963	0.277	0.00303	21.1	0.0422	40.1	0.00145	0.000617	0.00000353	0.00406	0.00286	0.0458	0.0134	0.00000446	18.8	0.0000141
2110 Jul	114	0.0964	0.277	0.00304	21.1	0.0423	40.2	0.00145	0.000618	0.00000354	0.00407	0.00286	0.0459	0.0135	0.00000447	18.9	0.0000142
2110 Aug	114	0.096	0.274	0.00302	21	0.0424	40.5	0.00146	0.000616	0.00000354	0.00407	0.00289	0.0461	0.0135	0.00000447	19	0.0000142
2110 Sep	114	0.0955	0.27	0.003	20.9	0.0424	40.7	0.00147	0.000614	0.00000353	0.00407	0.0029	0.0461	0.0135	0.00000446	19	0.0000142
2110 Oct	115	0.095	0.267	0.00298	20.8	0.0424	40.9	0.00147	0.000612	0.00000352	0.00407	0.00292	0.0462	0.0135	0.00000446	19.1	0.0000142
2110 Nov	115	0.0949	0.266	0.00298	20.7	0.0424	40.9	0.00147	0.000612	0.00000352	0.00406	0.00292	0.0462	0.0134	0.00000446	19.1	0.0000142
2110 Dec	115	0.0949	0.266	0.00298	20.7	0.0424	40.9	0.00147	0.000612	0.00000352	0.00407	0.00292	0.0462	0.0134	0.00000446	19.1	0.0000142
2111 Jan	115	0.0949	0.266	0.00298	20.7	0.0424	40.9	0.00147	0.000612	0.00000352	0.00407	0.00292	0.0462	0.0134	0.00000446	19.1	0.0000142
2111 Feb	115	0.0949	0.266	0.00298	20.7	0.0424	40.9	0.00147	0.000612	0.00000352	0.00407	0.00292	0.0462	0.0134	0.00000446	19.1	0.0000142
2111 Mar	115	0.0949	0.266	0.00298	20.7	0.0424	40.9	0.00147	0.000612	0.00000352	0.00407	0.00292	0.0462	0.0135	0.00000446	19.1	0.0000142
2111 Apr	115	0.0949	0.266	0.00298	20.8	0.0424	41	0.00148	0.000612	0.00000352	0.00407	0.00292	0.0462	0.0135	0.00000446	19.1	0.0000142
2111 May	115	0.0949	0.266	0.00298	20.8	0.0424	41	0.00148	0.000612	0.00000352	0.00407	0.00293	0.0462	0.0135	0.00000446	19.1	0.0000142
2111 Jun	115	0.0943	0.263	0.00295	20.6	0.0423	41.1	0.00148	0.00061	0.00000351	0.00407	0.00294	0.0462	0.0135	0.00000445	19.2	0.0000142
2111 Jul	115	0.0945	0.263	0.00296	20.7	0.0425	41.2	0.00149	0.000611	0.00000352	0.00408	0.00295	0.0463	0.0135	0.00000446	19.2	0.0000142
2111 Aug	115	0.0944	0.262	0.00296	20.7	0.0425	41.3	0.00149	0.000611	0.00000352	0.00408	0.00295	0.0463	0.0135	0.00000446	19.3	0.0000142
2111 Sep	115	0.0943	0.261	0.00295	20.6	0.0425	41.4	0.00149	0.000611	0.00000352	0.00408	0.00296	0.0464	0.0135	0.00000446	19.3	0.0000142
2111 Oct	115	0.0939	0.259	0.00294	20.5	0.0425	41.5	0.00149	0.000609	0.00000351	0.00407	0.00297	0.0464	0.0135	0.00000446	19.3	0.0000142
2111 Nov	116	0.0937	0.258	0.00293	20.5	0.0425	41.6	0.0015	0.000608	0.00000351	0.00407	0.00298	0.0464	0.0135	0.00000446	19.3	0.0000142
2111 Dec	116	0.0937	0.258	0.00293	20.5	0.0425	41.6	0.0015	0.000608	0.00000351	0.00407	0.00298	0.0464	0.0135	0.00000446	19.3	0.0000142
2112 Jan	116	0.0937	0.258	0.00293	20.5	0.0425	41.6	0.0015	0.000608	0.00000351	0.00407	0.00298	0.0464	0.0135	0.00000446	19.3	0.0000142
2112 Feb	116	0.0937	0.258	0.00293	20.5	0.0425	41.6	0.0015	0.000608	0.00000351	0.00407	0.00298	0.0464	0.0135	0.00000446	19.3	0.0000142
2112 Mar	116	0.0937	0.258	0.00293	20.5	0.0425	41.6	0.0015	0.000608	0.00000351	0.00407	0.00298	0.0464	0.0135	0.00000446	19.3	0.0000142
2112 Apr	116	0.0938	0.258	0.00293	20.5	0.0425	41.6	0.0015	0.000608	0.00000351	0.00407	0.00298	0.0464	0.0135	0.00000446	19.4	0.0000142
2112 May	116	0.0937	0.257	0.00293	20.5	0.0425	41.6	0.0015	0.000608	0.00000351	0.00408	0.00298	0.0464	0.0135	0.00000446	19.4	0.0000142
2112 Jun	116	0.0926	0.251	0.00289	20.3	0.0424	42	0.00151	0.000604	0.00000349	0.00407	0.00301	0.0465	0.0135	0.00000445	19.5	0.0000142
2112 Jul	116	0.0925	0.25	0.00289	20.2	0.0425	42.1	0.00152	0.000604	0.00000349	0.00407	0.00302	0.0466	0.0136	0.00000445	19.6	0.0000143
2112 Aug	116	0.0927	0.25	0.00289	20.3	0.0426	42.2	0.00152	0.000605	0.0000035	0.00408	0.00303	0.0466	0.0136	0.00000446	19.6	0.0000143
2112 Sep	116	0.0926	0.25	0.00289	20.3	0.0425	42.2	0.00152	0.000605	0.0000035	0.00408	0.00303	0.0466	0.0136	0.00000446	19.6	0.0000143
2112 Oct	116	0.0925	0.249	0.00288	20.2	0.0425	42.2	0.00152	0.000605	0.0000035	0.00408	0.00303	0.0466	0.0136	0.00000446	19.6	0.0000143
2112 Nov	116	0.0925	0.249	0.00288	20.2	0.0425	42.2	0.00152	0.000605	0.0000035	0.00408	0.00303	0.0466	0.0136	0.00000446	19.6	0.0000143
2112 Dec	116	0.0925	0.249	0.00288	20.2	0.0425	42.2	0.00152	0.000605	0.0000035	0.00408	0.00303	0.0466	0.0136	0.00000446	19.6	0.0000143
2113 Jan	116	0.0925	0.249	0.00288	20.2	0.0425	42.2	0.00152	0.000605	0.0000035	0.00408	0.00303	0.0466	0.0136	0.00000446	19.6	0.0000143
2113 Feb	116	0.0925	0.249	0.00288	20.2	0.0425	42.2	0.00152	0.000605	0.0000035	0.00408	0.00303	0.0466	0.0136	0.00000446	19.6	0.0000143
2113 Mar	116	0.0925	0.249	0.00288	20.2	0.0425	42.2	0.00152	0.000605	0.0000035	0.00408	0.00303	0.0466	0.0136	0.00000446	19.6	0.0000143
2113 Apr	116	0.0925	0.249	0.00288	20.2	0.0426	42.2	0.00152	0.000605	0.0000035	0.00408	0.00303	0.0466	0.0136	0.00000446	19.6	0.0000143
2113 May	116	0.0925	0.249	0.00288	20.2	0.0426	42.2	0.00152	0.000605	0.0000035	0.00408	0.00303	0.0466	0.0136	0.00000446	19.6	0.0000143
2113 Jun	117	0.092	0.246	0.00286	20.1	0.0425	42.4	0.00153	0.000603	0.00000349	0.00408	0.00305	0.0466	0.0136	0.00000445	19.7	0.0000143
2113 Jul	117	0.0921	0.246	0.00287	20.1	0.0426	42.5	0.00153	0.000604	0.0000035	0.00409	0.00305	0.0467	0.0136	0.00000446	19.7	0.0000143
2113 Aug	117	0.0922	0.247	0.00287	20.2	0.0426	42.5	0.00153	0.000605	0.0000035	0.00409	0.00306	0.0468	0.0136	0.00000447	19.8	0.0000143
2113 Sep	117	0.0921	0.246	0.00287	20.1	0.0426	42.5	0.00153	0.000604	0.0000035	0.00409	0.00306	0.0468	0.0136	0.00000446	19.8	0.0000143
2113 Oct	117	0.0916	0.243	0.00285	20	0.0426	42.7	0.00154	0.000602	0.00000349	0.00409	0.00307	0.0468	0.0136	0.00000446	19.8	0.0000143
2113 Nov	117	0.0915	0.242	0.00284	20	0.0426	42.7	0.00154	0.000602	0.00000349	0.00408	0.00307	0.0468	0.0136	0.00000445	19.8	0.0000143
2113 Dec	117	0.0915	0.242	0.00284	20	0.0426	42.7	0.00154	0.000602	0.00000349	0.00409	0.00307	0.0468	0.0136	0.00000445	19.8	0.0000143
2114 Jan	117	0.0915	0.242	0.00284	20	0.0426	42.7	0.00154	0.000602	0.00000349	0.00409	0.00307	0.0468	0.0136	0.00000445	19.8	0.0000143
2114 Feb	117	0.0915	0.242	0.00284	20	0.0426	42.7	0.00154	0.000602	0.00000349	0.00409	0.00307	0.0468	0.0136	0.00000445	19.8	0.0000143
2114 Mar	117	0.0915	0.242	0.00284	20	0.0426	42.7	0.00154	0.000602	0.00000349	0.00409	0.00307	0.0468	0.0136	0.00000446	19.8	0.0000143
2114 Apr	117	0.0915	0.242	0.00284	20	0.0426	42.7	0.00154	0.000602	0.00000349	0.00409	0.00307	0.0468	0.0136	0.00000446	19.8	0.0000143
2114 May	117	0.0913	0.241	0.00284	20	0.0426	42.8	0.00154	0.000601	0.00000348	0.00409	0.00308	0.0468	0.0136	0.00000445	19.8	0.0000143
2114 Jun	117	0.0911	0.24	0.00283	19.9	0.0426	42.9	0.00154	0.000601	0.00000348	0.00409	0.00309	0.0468	0.0137	0.00000445	19.9	0.0000143
2114 Jul	118	0.0914	0.24	0.00283	20	0.0427	43	0.00155	0.000602	0.00000349	0.0041	0.0031	0.0469	0.0137	0.00000447	20	0.0000143
2114 Aug	118	0.0916	0.241	0.00284	20	0.0428	43.1	0.00155	0.000604	0.0000035	0.00411	0.00311	0.0471	0.0137	0.00000448	20	0.0000144
2114 Sep	118	0.0915	0.241	0.00284	20	0.0428	43.1	0.00155	0.000604	0.0000035	0.00411	0.0031	0.047	0.0137	0.00000448	20	0.0000144

Appendix C.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	83.9	0.087	0.211	0.00266	19	0.0337	13.1	0.000838	0.000591	0.00000346	0.0035	0.00078	0.0247	0.00983	0.00000431	9.67	0.00000984
Post Closure (2039-2048): Mean	97.1	0.126	0.707	0.0043	27.8	0.0378	25.1	0.00108	0.000725	0.00000394	0.00378	0.00169	0.0349	0.0115	0.00000448	13.6	0.0000119
Post Closure (2039-2048): Max	121	0.19	1.65	0.00675	39.3	0.043	45.3	0.00163	0.00094	0.00000494	0.00414	0.0033	0.0475	0.014	0.00000513	20.9	0.0000145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2114 Oct	118	0.0913	0.24	0.00283	20	0.0427	43	0.00155	0.000602	0.00000349	0.0041	0.0031	0.0469	0.0137	0.00000447	20	0.0000143
2114 Nov	118	0.091	0.238	0.00282	19.9	0.0427	43.1	0.00155	0.000601	0.00000349	0.0041	0.0031	0.0469	0.0137	0.00000446	20	0.0000143
2114 Dec	118	0.091	0.238	0.00282	19.9	0.0427	43.1	0.00155	0.000601	0.00000349	0.0041	0.0031	0.0469	0.0137	0.00000446	20	0.0000143
2115 Jan	118	0.091	0.238	0.00282	19.9	0.0427	43.1	0.00155	0.000601	0.00000349	0.0041	0.0031	0.0469	0.0137	0.00000446	20	0.0000143
2115 Feb	118	0.091	0.238	0.00282	19.9	0.0427	43.1	0.00155	0.000601	0.00000349	0.0041	0.0031	0.0469	0.0137	0.00000446	20	0.0000143
2115 Mar	118	0.091	0.238	0.00282	19.9	0.0427	43.1	0.00155	0.000601	0.00000349	0.0041	0.0031	0.0469	0.0137	0.00000446	20	0.0000143
2115 Apr	118	0.091	0.238	0.00282	19.9	0.0427	43.1	0.00155	0.000601	0.00000349	0.0041	0.0031	0.0469	0.0137	0.00000446	20	0.0000143
2115 May	118	0.0909	0.238	0.00282	19.9	0.0427	43.1	0.00155	0.000601	0.00000349	0.0041	0.00311	0.0469	0.0137	0.00000446	20	0.0000143
2115 Jun	118	0.0908	0.237	0.00281	19.9	0.0427	43.2	0.00156	0.000601	0.00000349	0.0041	0.00312	0.047	0.0137	0.00000447	20.1	0.0000144
2115 Jul	118	0.091	0.237	0.00282	19.9	0.0428	43.3	0.00156	0.000602	0.0000035	0.00411	0.00312	0.0471	0.0138	0.00000448	20.1	0.0000144
2115 Aug	118	0.0909	0.237	0.00281	19.9	0.0428	43.3	0.00156	0.000602	0.0000035	0.00411	0.00312	0.047	0.0137	0.00000447	20.1	0.0000144
2115 Sep	118	0.0908	0.236	0.00281	19.9	0.0428	43.3	0.00156	0.000602	0.00000349	0.00411	0.00313	0.047	0.0137	0.00000447	20.1	0.0000144
2115 Oct	118	0.0908	0.236	0.00281	19.9	0.0428	43.3	0.00156	0.000602	0.00000349	0.00411	0.00313	0.047	0.0137	0.00000447	20.1	0.0000144
2115 Nov	118	0.0907	0.235	0.0028	19.8	0.0428	43.4	0.00156	0.000601	0.00000349	0.00411	0.00313	0.047	0.0137	0.00000447	20.1	0.0000144
2115 Dec	118	0.0907	0.235	0.0028	19.8	0.0428	43.4	0.00156	0.000601	0.00000349	0.00411	0.00313	0.047	0.0137	0.00000447	20.1	0.0000144
2116 Jan	118	0.0907	0.235	0.0028	19.8	0.0428	43.4	0.00156	0.000601	0.00000349	0.00411	0.00313	0.047	0.0137	0.00000447	20.1	0.0000144
2116 Feb	118	0.0907	0.235	0.0028	19.8	0.0428	43.4	0.00156	0.000601	0.00000349	0.00411	0.00313	0.047	0.0137	0.00000447	20.1	0.0000144
2116 Mar	118	0.0907	0.235	0.0028	19.8	0.0428	43.4	0.00156	0.000601	0.00000349	0.00411	0.00313	0.047	0.0137	0.00000447	20.1	0.0000144
2116 Apr	118	0.0907	0.235	0.00281	19.8	0.0428	43.4	0.00156	0.000601	0.00000349	0.00411	0.00313	0.0471	0.0137	0.00000447	20.1	0.0000144
2116 May	118	0.0906	0.235	0.0028	19.8	0.0428	43.4	0.00156	0.000601	0.00000349	0.00411	0.00313	0.047	0.0137	0.00000447	20.1	0.0000144
2116 Jun	118	0.0897	0.23	0.00277	19.6	0.0427	43.7	0.00157	0.000597	0.00000348	0.0041	0.00316	0.047	0.0138	0.00000446	20.2	0.0000144
2116 Jul	119	0.0898	0.23	0.00277	19.7	0.0428	43.8	0.00158	0.000599	0.00000348	0.00411	0.00317	0.0472	0.0138	0.00000447	20.3	0.0000144
2116 Aug	119	0.09	0.23	0.00278	19.7	0.0429	43.9	0.00158	0.0006	0.00000349	0.00412	0.00317	0.0473	0.0138	0.00000448	20.3	0.0000144
2116 Sep	119	0.0898	0.229	0.00277	19.6	0.0428	43.9	0.00158	0.000599	0.00000349	0.00412	0.00317	0.0472	0.0138	0.00000447	20.3	0.0000144
2116 Oct	119	0.0895	0.228	0.00276	19.6	0.0428	43.9	0.00158	0.000598	0.00000348	0.00411	0.00318	0.0471	0.0138	0.00000447	20.3	0.0000144
2116 Nov	119	0.0895	0.227	0.00276	19.6	0.0428	43.9	0.00158	0.000597	0.00000348	0.00411	0.00318	0.0471	0.0138	0.00000447	20.3	0.0000144
2116 Dec	119	0.0895	0.227	0.00276	19.6	0.0428	43.9	0.00158	0.000597	0.00000348	0.00411	0.00318	0.0471	0.0138	0.00000447	20.3	0.0000144
2117 Jan	119	0.0895	0.227	0.00276	19.6	0.0428	43.9	0.00158	0.000597	0.00000348	0.00411	0.00318	0.0471	0.0138	0.00000447	20.3	0.0000144
2117 Feb	119	0.0895	0.227	0.00276	19.6	0.0428	43.9	0.00158	0.000597	0.00000348	0.00411	0.00318	0.0471	0.0138	0.00000447	20.3	0.0000144
2117 Mar	119	0.0895	0.228	0.00276	19.6	0.0428	43.9	0.00158	0.000597	0.00000348	0.00411	0.00318	0.0471	0.0138	0.00000447	20.3	0.0000144
2117 Apr	119	0.0895	0.228	0.00276	19.6	0.0428	43.9	0.00158	0.000598	0.00000348	0.00412	0.00318	0.0472	0.0138	0.00000447	20.3	0.0000144
2117 May	119	0.0895	0.227	0.00276	19.6	0.0428	44	0.00158	0.000598	0.00000348	0.00412	0.00318	0.0472	0.0138	0.00000447	20.4	0.0000144
2117 Jun	119	0.0893	0.226	0.00275	19.5	0.0428	44.1	0.00159	0.000597	0.00000348	0.00412	0.00319	0.0472	0.0138	0.00000447	20.4	0.0000144
2117 Jul	119	0.0895	0.227	0.00276	19.6	0.0429	44.2	0.00159	0.000599	0.00000349	0.00413	0.0032	0.0473	0.0138	0.00000448	20.5	0.0000144
2117 Aug	119	0.0896	0.227	0.00276	19.6	0.043	44.2	0.00159	0.0006	0.00000349	0.00413	0.0032	0.0473	0.0139	0.00000449	20.5	0.0000145
2117 Sep	119	0.0896	0.227	0.00276	19.6	0.043	44.2	0.00159	0.0006	0.00000349	0.00414	0.0032	0.0474	0.0139	0.00000449	20.5	0.0000145
2117 Oct	119	0.0896	0.227	0.00276	19.6	0.043	44.2	0.00159	0.0006	0.00000349	0.00414	0.0032	0.0473	0.0139	0.00000449	20.5	0.0000145
2117 Nov	119	0.0896	0.227	0.00276	19.6	0.043	44.2	0.00159	0.0006	0.00000349	0.00413	0.0032	0.0473	0.0139	0.00000448	20.5	0.0000145
2117 Dec	119	0.0896	0.227	0.00276	19.6	0.043	44.2	0.00159	0.0006	0.00000349	0.00413	0.0032	0.0473	0.0139	0.00000448	20.5	0.0000145
2118 Jan	119	0.0896	0.227	0.00276	19.6	0.043	44.2	0.00159	0.0006	0.00000349	0.00413	0.0032	0.0473	0.0139	0.00000448	20.5	0.0000145
2118 Feb	119	0.0896	0.227	0.00276	19.6	0.043	44.2	0.00159	0.0006	0.00000349	0.00413	0.0032	0.0473	0.0139	0.00000448	20.5	0.0000145
2118 Mar	119	0.0896	0.227	0.00276	19.6	0.043	44.2	0.00159	0.0006	0.00000349	0.00413	0.0032	0.0473	0.0139	0.00000448	20.5	0.0000145
2118 Apr	119	0.0896	0.227	0.00276	19.6	0.043	44.2	0.00159	0.0006	0.00000349	0.00414	0.0032	0.0473	0.0139	0.00000449	20.5	0.0000145
2118 May	119	0.0893	0.225	0.00275	19.5	0.0429	44.2	0.00159	0.000598	0.00000349	0.00413	0.0032	0.0472	0.0139	0.00000448	20.5	0.0000144
2118 Jun	119	0.0885	0.221	0.00272	19.4	0.0428	44.4	0.0016	0.000595	0.00000347	0.00412	0.00322	0.0472	0.0139	0.00000447	20.6	0.0000144
2118 Jul	120	0.0888	0.222	0.00273	19.4	0.043	44.5	0.00161	0.000597	0.00000348	0.00413	0.00323	0.0474	0.0139	0.00000448	20.6	0.0000145
2118 Aug	120	0.0888	0.222	0.00273	19.4	0.043	44.5	0.00161	0.000597	0.00000348	0.00413	0.00323	0.0474	0.0139	0.00000448	20.6	0.0000145
2118 Sep	120	0.0883	0.219	0.00271	19.3	0.0429	44.6	0.00161	0.000595	0.00000348	0.00413	0.00324	0.0473	0.0139	0.00000447	20.7	0.0000144
2118 Oct	120	0.088	0.218	0.0027	19.2	0.0429	44.7	0.00161	0.000594	0.00000347	0.00413	0.00325	0.0473	0.0139	0.00000447	20.7	0.0000144
2118 Nov	120	0.0879	0.217	0.00269	19.2	0.0429	44.8	0.00161	0.000594	0.00000347	0.00413	0.00325	0.0474	0.0139	0.00000447	20.7	0.0000144
2118 Dec	120	0.0879	0.217	0.00269	19.2	0.0429	44.8	0.00161	0.000594	0.00000347	0.00413	0.00325	0.0474	0.0139	0.00000447	20.7	0.0000144
2119 Jan	120	0.0879	0.217	0.00269	19.2	0.0429	44.8	0.00161	0.000594	0.00000347	0.00413	0.00325	0.0474	0.0139	0.00000447	20.7	0.0000144
2119 Feb	120	0.0879	0.217	0.00269	19.2	0.0429	44.8	0.00161	0.000594	0.00000347	0.00413	0.00325	0.0474	0.0139	0.00000447	20.7	0.0000144
2119 Mar	120	0.088	0.217	0.00269	19.2	0.0429	44.8	0.00162	0.000594	0.00000347	0.00413	0.00325	0.0474	0.0139	0.00000447	20.7	0.0000144
2119 Apr	120	0.088	0.217	0.00269	19.2	0.0429	44.8	0.00162	0.000594	0.00000347	0.00413	0.00325	0.0474	0.0139	0.00000447	20.7	0.0000144
2119 May	120	0.0875	0.215	0.00268	19.1	0.0428	44.9	0.00162	0.000592	0.00000346	0.00412	0.00326	0.0473	0.0139	0.00000446	20.8	0.0000144
2119 Jun	120	0.0872	0.213	0.00267	19.1	0.0428	45	0.00162	0.000591	0.00000346	0.00412	0.00327	0.0473	0.0139	0.00000446	20.8	0.0000144
2119 Jul	121	0.0874	0.214	0.00267	19.1	0.0429	45.1	0.00163	0.000593	0.00000347	0.00413	0.00328	0.0474	0.014	0.00000447	20.9	0.0000145
2119 Aug	121	0.0875	0.214	0.00268	19.2	0.043	45.2	0.00163	0.000593	0.00000347	0.00414	0.00328	0.0475	0.014	0.00000448	20.9	0.0000145
2119 Sep	121	0.0874	0.213	0.00267	19.1	0.043	45.1	0.00163	0.000593	0.00000347	0.00414	0.00328	0.0474	0.014	0.00000447	20.9	0.0000145
2119 Oct	121	0.0871	0.212	0.00266	19.1	0.043	45.2	0.00163	0.000592	0.00000347	0.00413	0.00329	0.0475	0.014	0.00000447	20.9	0.0000145
2119 Nov	121	0.087	0.211	0.00266	19	0.043	45.3	0.00163	0.000591	0.00000346	0.00413	0.0033	0.0475	0.0139	0.00000447	20.9	0.0000145
2119 Dec	121	0.087	0.211	0.00266	19	0.043	45.3	0.00163	0.000591	0.00000346	0.00413	0.0033	0.0475	0.0139	0.00000447	20.9	0.0000145

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
Model Predictions (2039-2119)																					
2039 Jan	0.000185	0.000132	0.0009	0.033	0.00000319	1.83	2.53	0.0186	0.000323	19.7	0.00152	0.173	0.0000878	0.000201	0.000104	0.0861	0.00000204	0.000263	0.000216	0.001	0.000285
2039 Feb	0.000191	0.000136	0.000929	0.0341	0.00000329	1.89	2.61	0.0192	0.000334	20.4	0.00157	0.178	0.0000908	0.000208	0.000107	0.089	0.00000211	0.000272	0.000223	0.00103	0.000294
2039 Mar	0.000191	0.000136	0.00093	0.0341	0.00000329	1.89	2.61	0.0192	0.000334	20.4	0.00157	0.178	0.0000908	0.000208	0.000107	0.089	0.00000211	0.000272	0.000223	0.00104	0.000294
2039 Apr	0.000191	0.000136	0.00093	0.0341	0.0000033	1.89	2.61	0.0192	0.000334	20.4	0.00157	0.178	0.0000908	0.000208	0.000107	0.089	0.00000211	0.000272	0.000223	0.00104	0.000294
2039 May	0.000191	0.000137	0.00093	0.0341	0.0000033	1.89	2.61	0.0192	0.000334	20.4	0.00157	0.178	0.0000908	0.000208	0.000107	0.089	0.00000211	0.000272	0.000223	0.00104	0.000294
2039 Jun	0.00019	0.000136	0.000925	0.0339	0.00000328	1.88	2.59	0.0191	0.000332	20.3	0.00156	0.176	0.0000901	0.000207	0.000107	0.0884	0.0000021	0.000271	0.000222	0.00103	0.000293
2039 Jul	0.000188	0.000134	0.000918	0.0335	0.00000326	1.87	2.57	0.0189	0.000329	20.1	0.00155	0.174	0.0000891	0.000205	0.000106	0.0875	0.00000208	0.000269	0.000219	0.00102	0.000291
2039 Aug	0.000188	0.000134	0.000917	0.0335	0.00000326	1.86	2.57	0.0188	0.000329	20	0.00155	0.173	0.000089	0.000204	0.000105	0.0874	0.00000208	0.000268	0.000219	0.00102	0.00029
2039 Sep	0.000188	0.000134	0.000918	0.0335	0.00000326	1.86	2.57	0.0189	0.000329	20.1	0.00155	0.173	0.0000891	0.000205	0.000106	0.0875	0.00000208	0.000269	0.000219	0.00102	0.00029
2039 Oct	0.000188	0.000134	0.000918	0.0335	0.00000326	1.86	2.57	0.0188	0.000329	20.1	0.00155	0.173	0.0000891	0.000205	0.000106	0.0875	0.00000208	0.000269	0.000219	0.00102	0.00029
2039 Nov	0.000188	0.000134	0.000918	0.0336	0.00000326	1.86	2.57	0.0188	0.000329	20.1	0.00155	0.173	0.0000891	0.000205	0.000106	0.0875	0.00000208	0.000269	0.000219	0.00102	0.00029
2039 Dec	0.000188	0.000134	0.000918	0.0336	0.00000326	1.86	2.57	0.0189	0.000329	20.1	0.00155	0.173	0.0000891	0.000205	0.000106	0.0875	0.00000208	0.000269	0.000219	0.00102	0.00029
2040 Jan	0.000188	0.000134	0.000918	0.0336	0.00000326	1.86	2.57	0.0189	0.000329	20.1	0.00155	0.173	0.0000891	0.000205	0.000106	0.0875	0.00000208	0.000269	0.000219	0.00102	0.00029
2040 Feb	0.000188	0.000134	0.000918	0.0336	0.00000326	1.86	2.57	0.0189	0.000329	20.1	0.00155	0.173	0.0000891	0.000205	0.000106	0.0875	0.00000208	0.000269	0.000219	0.00102	0.00029
2040 Mar	0.000188	0.000134	0.000918	0.0336	0.00000326	1.86	2.57	0.0189	0.000329	20.1	0.00155	0.173	0.0000891	0.000205	0.000106	0.0875	0.00000208	0.000269	0.000219	0.00102	0.00029
2040 Apr	0.000188	0.000134	0.000918	0.0336	0.00000326	1.86	2.57	0.0189	0.000329	20.1	0.00155	0.173	0.0000891	0.000205	0.000106	0.0875	0.00000208	0.000269	0.000219	0.00102	0.000291
2040 May	0.000188	0.000134	0.000919	0.0336	0.00000326	1.87	2.57	0.0189	0.000329	20.1	0.00155	0.173	0.0000892	0.000205	0.000106	0.0875	0.00000209	0.000269	0.00022	0.00102	0.000291
2040 Jun	0.000187	0.000134	0.000911	0.0334	0.00000324	1.85	2.55	0.0188	0.000326	19.9	0.00153	0.171	0.0000891	0.000203	0.000105	0.0868	0.00000207	0.000266	0.000218	0.00102	0.000288
2040 Jul	0.000187	0.000134	0.000911	0.0334	0.00000324	1.85	2.55	0.0187	0.000326	19.8	0.00153	0.17	0.000089	0.000202	0.000105	0.0867	0.00000207	0.000266	0.000218	0.00102	0.000288
2040 Aug	0.000187	0.000134	0.000912	0.0334	0.00000325	1.85	2.55	0.0188	0.000326	19.9	0.00153	0.17	0.0000891	0.000203	0.000105	0.0868	0.00000207	0.000267	0.000218	0.00102	0.000288
2040 Sep	0.000187	0.000134	0.000912	0.0335	0.00000325	1.85	2.55	0.0188	0.000327	19.9	0.00154	0.171	0.0000891	0.000203	0.000105	0.0868	0.00000207	0.000267	0.000219	0.00102	0.000288
2040 Oct	0.000187	0.000134	0.000913	0.0335	0.00000325	1.85	2.55	0.0188	0.000327	19.9	0.00154	0.171	0.0000891	0.000203	0.000105	0.0868	0.00000207	0.000267	0.000219	0.00102	0.000288
2040 Nov	0.000187	0.000134	0.000913	0.0335	0.00000325	1.85	2.55	0.0188	0.000327	19.9	0.00154	0.171	0.0000891	0.000203	0.000105	0.0868	0.00000207	0.000267	0.000219	0.00102	0.000289
2040 Dec	0.000187	0.000134	0.000913	0.0335	0.00000325	1.85	2.55	0.0188	0.000327	19.9	0.00154	0.171	0.0000891	0.000203	0.000105	0.0868	0.00000207	0.000267	0.000219	0.00102	0.000289
2041 Jan	0.000187	0.000134	0.000913	0.0335	0.00000325	1.85	2.55	0.0188	0.000327	19.9	0.00154	0.171	0.0000891	0.000203	0.000105	0.0868	0.00000207	0.000267	0.000219	0.00102	0.000289
2041 Feb	0.000187	0.000134	0.000913	0.0335	0.00000325	1.85	2.55	0.0188	0.000327	19.9	0.00154	0.171	0.0000891	0.000203	0.000105	0.0868	0.00000207	0.000267	0.000219	0.00102	0.000289
2041 Mar	0.000187	0.000134	0.000913	0.0335	0.00000325	1.85	2.55	0.0188	0.000327	19.9	0.00154	0.171	0.0000891	0.000203	0.000105	0.0868	0.00000207	0.000267	0.000219	0.00102	0.000289
2041 Apr	0.000187	0.000134	0.000913	0.0335	0.00000325	1.85	2.55	0.0188	0.000327	19.9	0.00154	0.171	0.0000892	0.000203	0.000105	0.0869	0.00000207	0.000267	0.000219	0.00102	0.000289
2041 May	0.000187	0.000134	0.000913	0.0335	0.00000325	1.85	2.55	0.0188	0.000327	19.9	0.00154	0.171	0.0000892	0.000203	0.000105	0.0869	0.00000207	0.000267	0.000219	0.00102	0.000289
2041 Jun	0.000186	0.000133	0.000907	0.0333	0.00000324	1.84	2.53	0.0186	0.000325	19.7	0.00153	0.169	0.0000885	0.000202	0.000104	0.0862	0.00000206	0.000265	0.000217	0.00101	0.000287
2041 Jul	0.000184	0.000131	0.000899	0.0329	0.0000032	1.82	2.51	0.0184	0.000321	19.5	0.00151	0.165	0.0000873	0.000199	0.000103	0.0852	0.00000204	0.000263	0.000215	0.001	0.000284
2041 Aug	0.000185	0.000132	0.000901	0.0329	0.00000321	1.83	2.51	0.0184	0.000322	19.6	0.00151	0.166	0.0000875	0.0002	0.000103	0.0853	0.00000204	0.000264	0.000215	0.00101	0.000285
2041 Sep	0.000185	0.000132	0.000901	0.033	0.00000321	1.83	2.51	0.0184	0.000322	19.6	0.00151	0.166	0.0000875	0.0002	0.000103	0.0854	0.00000205	0.000264	0.000215	0.00101	0.000285
2041 Oct	0.000185	0.000132	0.000901	0.033	0.00000321	1.83	2.51	0.0184	0.000322	19.6	0.00151	0.166	0.0000875	0.0002	0.000103	0.0854	0.00000205	0.000264	0.000215	0.00101	0.000285
2041 Nov	0.000185	0.000132	0.000901	0.033	0.00000322	1.83	2.51	0.0184	0.000322	19.6	0.00151	0.166	0.0000875	0.0002	0.000103	0.0854	0.00000205	0.000264	0.000215	0.00101	0.000285
2041 Dec	0.000185	0.000132	0.000901	0.033	0.00000322	1.83	2.51	0.0184	0.000322	19.6	0.00151	0.166	0.0000875	0.0002	0.000103	0.0854	0.00000205	0.000264	0.000215	0.00101	0.000285
2042 Jan	0.000185	0.000132	0.000901	0.033	0.00000322	1.83	2.51	0.0184	0.000322	19.6	0.00151	0.166	0.0000875	0.0002	0.000103	0.0854	0.00000205	0.000264	0.000215	0.00101	0.000285
2042 Feb	0.000185	0.000132	0.000901	0.033	0.00000322	1.83	2.51	0.0184	0.000322	19.6	0.00151	0.166	0.0000875	0.0002	0.000103	0.0854	0.00000205	0.000264	0.000215	0.00101	0.000285
2042 Mar	0.000185	0.000132	0.000901	0.033	0.00000322	1.83	2.51	0.0184	0.000322	19.6	0.00151	0.166	0.0000875	0.0002	0.000103	0.0854	0.00000205	0.000264	0.000215	0.00101	0.000285
2042 Apr	0.000185	0.000132	0.000902	0.033	0.00000322	1.83	2.51	0.0184	0.000323	19.6	0.00151	0.166	0.0000875	0.0002	0.000103	0.0854	0.00000205	0.000264	0.000215	0.00101	0.000285
2042 May	0.000185	0.000132	0.000902	0.033	0.00000322	1.83	2.52	0.0185	0.000323	19.6	0.00152	0.166	0.0000876	0.0002	0.000103	0.0855	0.00000205	0.000264	0.000216	0.00101	0.000285
2042 Jun	0.000184	0.000131	0.000899	0.0329	0.00000321	1.82	2.5	0.0184	0.000321	19.5	0.00151	0.165	0.0000872	0.000199	0.000103	0.0851	0.00000204	0.000263	0.000215	0.001	0.000284
2042 Jul	0.000184	0.000131	0.000895	0.0328	0.0000032	1.81	2.49	0.0183	0.00032	19.4	0.0015	0.163	0.0000868	0.000198	0.000102	0.0847	0.00000203	0.000262	0.000214	0.001	0.000283
2042 Aug	0.000183	0.00013	0.000892	0.0326	0.00000319	1.81	2.48	0.0182	0.000319	19.3	0.0015	0.162	0.0000864	0.000197	0.000102	0.0843	0.00000203	0.000261	0.000213	0.000997	0.000282
2042 Sep	0.000183	0.00013	0.00089	0.0325	0.00000318	1.8	2.48	0.0181	0.000318	19.3	0.00149	0.161	0.000086	0.000197	0.000102	0.0841	0.00000202	0.000261	0.000212	0.000994	0.000282
2042 Oct	0.000182	0.000129	0.000889	0.0324	0.00000318	1.8	2.47	0.0181	0.000318	19.2	0.00149	0.16	0.0000857	0.000196	0.000102	0.0839	0.00000202	0.00026	0.000211	0.000992	0.000281
2042 Nov	0.000182	0.000129	0.000889	0.0324	0.00000318	1.8	2.47	0.0181	0.000318	19.2	0.00149	0.16	0.0000857	0.000196	0.000102	0.0839	0.00000202	0.00026	0.000211	0.000992	0.000281
2042 Dec	0.000182	0.000129	0.000889	0.0324	0.00000318	1.8	2.47	0.0181	0.000318	19.2	0.00149	0.16	0.0000857	0.000196	0.000102	0.0839	0.00000202	0.00026	0.000211	0.000992	0.000281
2043 Jan	0.000182	0.000129	0.000889	0.0324	0.00000318	1.8	2.47	0.0181	0.000318	19.2	0.00149	0.16	0.0000857	0.000196	0.000102	0.0839	0.00000202	0.00026	0.000211	0.000992	0.000281
2043 Feb	0.000182	0.000129	0.000889	0.0324	0.00000318	1.8	2.47	0.0181	0.000318	19.2	0.00149	0.16	0.0000857	0.000196	0.000102	0.0839	0.00000202	0.00026	0.000211	0.000992	0.000281
2043 Mar	0.000182	0.000129	0.000889	0.0324	0.00000318	1.8	2.47	0.0181	0.000318	19.2	0.00149	0.16	0.0000857	0.000196	0.000102	0.0839	0.00000202	0.00026	0.000211	0.000993	0.000281
2043 Apr	0.000182	0.000129	0.000889	0.0324	0.00000318	1.8	2.47	0.0181	0.000318	19.2	0.00149	0.161	0.0000857	0.000196	0.000102	0.0839	0.00000202	0.00026	0.000211	0.000993	0.000281
2043 May	0.000183	0.00013	0.00089	0.0325	0.00000318	1.8	2.48	0.0181	0.000318	19.2	0.00149	0.161	0.0000859	0.000196	0.000102	0.084	0.00000202	0.000261	0.000212	0.000994	0.000282
2043 Jun	0.000182	0.000129	0.000884	0.0323	0.00000316	1.79	2.46	0.018	0.000316	19.1	0.00148	0.158	0.0000858	0.000195	0.000101	0.0834	0.00000201	0.000259	0.000211	0.000987	0.00028
2043 Jul	0.000182	0.000129	0.000885	0.0324	0.00000317	1.79	2.46	0.018	0.000317	19.1	0.00148	0.158	0.0000859	0.000195	0.000101	0.0835	0.00000201	0.000259	0.000211	0.000989	0.00028
2043 Aug	0.000182	0.000129	0.000887	0.0324	0.00000318	1.8	2.47	0.0181	0.000317	19.1	0.00149	0.159	0.000086	0.000195	0.000101	0.0836	0.00000201	0.00026	0.000211	0.000991	0.000281
2043 Sep	0.000182	0.000129	0.000887	0.0324	0.00000318	1.8	2.47	0.0181	0.000318	19.1	0.00149	0.159	0.000086	0.000196	0.000101	0.0837	0.00000201	0.00026	0.000211	0.000991	0.000281
2043 Oct	0.000182	0.000129	0.000887	0.0324	0.00000318	1.8	2.47	0.0181	0.000317	19.1	0.00148	0.158	0.000086	0.000195	0.000101	0.0836	0.00000201	0.00026	0.000211	0.000991	0.000281
2043 Nov	0.000182	0.000129	0.000887	0.0324	0.00000318	1.8	2.46	0.018	0.000317	19.1	0.00148	0.158	0.000086	0.000195	0.000101	0.0836	0.00000201	0.00026	0.000211	0.00099	0.00028
2043 Dec	0.000182	0.000129	0.000887	0.0324	0.00000318	1.8	2.46	0.018	0.000317	19.1	0.00148	0.158	0.000086	0.000195	0.000101	0.0836	0.00000201	0.00026	0.000211	0.00099	0.00028
2044 Jan	0.000182	0.000129	0.000887	0.0324	0.00000318	1.8	2.46	0.018	0.000317	19.1	0.00148	0.158	0.000086	0.000195	0.000101	0.0836	0.00000201	0.00026	0.000211	0.00099	0.00028
2044 Feb	0.000182	0.000129	0.000887	0.0324	0.00000318	1.8	2.46	0.018	0.000317	19.1	0.00148	0.158	0.000086	0.000195	0.000101	0.0836	0.00000201	0.00026	0.000211	0.00099	0.00028
2044 Mar	0.000182	0.000129	0.000887	0.0324	0.00000318	1.8	2.46	0.018	0.000317	19.1	0.00148	0.158	0.000086	0.000195	0.000101	0.0836	0.00000201	0.00026	0.000211	0.00099	0.00028
2044 Apr	0.000182	0.000129	0.000887	0.0324	0.00000318	1.8	2.47	0.018	0.000317	19.1	0.00148	0.158	0.000086	0.000195	0.000101	0.0836	0.00000201	0.00026	0.000211	0.000991	0.00028

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2044 May	0.000182	0.000129	0.000887	0.0325	0.00000318	1.8	2.47	0.0181	0.000318	19.1	0.00149	0.159	0.000086	0.000195	0.000101	0.0837	0.00000201	0.00026	0.000211	0.000991	0.000281
2044 Jun	0.000181	0.000128	0.000879	0.0322	0.00000316	1.78	2.44	0.0179	0.000315	18.9	0.00147	0.156	0.0000852	0.000194	0.0001	0.0828	0.000002	0.000258	0.00021	0.000983	0.000278
2044 Jul	0.000181	0.000128	0.000878	0.0321	0.00000315	1.78	2.44	0.0178	0.000315	18.9	0.00147	0.155	0.0000849	0.000193	0.0001	0.0826	0.00000199	0.000258	0.000209	0.000982	0.000278
2044 Aug	0.000181	0.000128	0.00088	0.0322	0.00000316	1.79	2.44	0.0179	0.000316	18.9	0.00147	0.155	0.0000851	0.000194	0.0001	0.0829	0.000002	0.000259	0.00021	0.000984	0.000279
2044 Sep	0.000181	0.000128	0.00088	0.0322	0.00000316	1.78	2.44	0.0179	0.000315	18.9	0.00147	0.155	0.0000851	0.000194	0.0001	0.0828	0.000002	0.000258	0.000209	0.000984	0.000279
2044 Oct	0.000181	0.000128	0.000879	0.0322	0.00000316	1.78	2.44	0.0178	0.000315	18.9	0.00147	0.155	0.000085	0.000193	0.0001	0.0828	0.000002	0.000258	0.000209	0.000983	0.000278
2044 Nov	0.000181	0.000128	0.00088	0.0322	0.00000316	1.78	2.44	0.0178	0.000315	18.9	0.00147	0.155	0.000085	0.000193	0.0001	0.0828	0.000002	0.000258	0.000209	0.000983	0.000278
2044 Dec	0.000181	0.000128	0.00088	0.0322	0.00000316	1.78	2.44	0.0178	0.000315	18.9	0.00147	0.155	0.000085	0.000193	0.0001	0.0828	0.000002	0.000258	0.000209	0.000983	0.000278
2045 Jan	0.000181	0.000128	0.00088	0.0322	0.00000316	1.78	2.44	0.0178	0.000315	18.9	0.00147	0.155	0.000085	0.000193	0.0001	0.0828	0.000002	0.000258	0.000209	0.000983	0.000278
2045 Feb	0.000181	0.000128	0.00088	0.0322	0.00000316	1.78	2.44	0.0178	0.000315	18.9	0.00147	0.155	0.000085	0.000193	0.0001	0.0828	0.000002	0.000258	0.000209	0.000983	0.000278
2045 Mar	0.000181	0.000128	0.00088	0.0322	0.00000316	1.78	2.44	0.0178	0.000315	18.9	0.00147	0.155	0.000085	0.000193	0.0001	0.0828	0.000002	0.000258	0.000209	0.000983	0.000278
2045 Apr	0.000181	0.000128	0.00088	0.0322	0.00000316	1.78	2.44	0.0179	0.000315	18.9	0.00147	0.155	0.000085	0.000193	0.0001	0.0828	0.000002	0.000258	0.000209	0.000984	0.000278
2045 May	0.000181	0.000128	0.00088	0.0322	0.00000317	1.79	2.44	0.0179	0.000316	18.9	0.00147	0.155	0.0000851	0.000194	0.0001	0.0829	0.000002	0.000258	0.00021	0.000984	0.000279
2045 Jun	0.00018	0.000127	0.000875	0.032	0.00000315	1.78	2.43	0.0177	0.000314	18.8	0.00146	0.153	0.0000845	0.000192	0.0000997	0.0823	0.00000199	0.000257	0.000208	0.000979	0.000277
2045 Jul	0.00018	0.000127	0.000873	0.0319	0.00000315	1.77	2.42	0.0177	0.000314	18.7	0.00146	0.152	0.0000842	0.000192	0.0000995	0.0821	0.00000198	0.000257	0.000208	0.000978	0.000277
2045 Aug	0.00018	0.000127	0.000875	0.032	0.00000315	1.78	2.43	0.0177	0.000314	18.8	0.00146	0.153	0.0000843	0.000192	0.0000997	0.0823	0.00000199	0.000257	0.000208	0.000979	0.000277
2045 Sep	0.00018	0.000127	0.000875	0.032	0.00000316	1.78	2.43	0.0177	0.000314	18.8	0.00146	0.153	0.0000843	0.000192	0.0000997	0.0823	0.00000199	0.000257	0.000208	0.00098	0.000277
2045 Oct	0.00018	0.000127	0.000875	0.032	0.00000316	1.78	2.43	0.0177	0.000314	18.8	0.00146	0.153	0.0000844	0.000192	0.0000997	0.0823	0.00000199	0.000257	0.000208	0.00098	0.000277
2045 Nov	0.00018	0.000127	0.000875	0.032	0.00000316	1.78	2.43	0.0177	0.000314	18.8	0.00146	0.153	0.0000844	0.000192	0.0000997	0.0823	0.00000199	0.000258	0.000208	0.00098	0.000277
2045 Dec	0.00018	0.000127	0.000875	0.032	0.00000316	1.78	2.43	0.0177	0.000314	18.8	0.00146	0.153	0.0000844	0.000192	0.0000997	0.0823	0.00000199	0.000258	0.000208	0.00098	0.000277
2046 Jan	0.00018	0.000127	0.000875	0.032	0.00000316	1.78	2.43	0.0177	0.000314	18.8	0.00146	0.153	0.0000844	0.000192	0.0000997	0.0823	0.00000199	0.000258	0.000208	0.00098	0.000277
2046 Feb	0.00018	0.000127	0.000875	0.032	0.00000316	1.78	2.43	0.0177	0.000314	18.8	0.00146	0.153	0.0000844	0.000192	0.0000997	0.0823	0.00000199	0.000258	0.000208	0.00098	0.000277
2046 Mar	0.00018	0.000127	0.000875	0.032	0.00000316	1.78	2.43	0.0177	0.000314	18.8	0.00146	0.153	0.0000844	0.000192	0.0000997	0.0823	0.00000199	0.000258	0.000208	0.00098	0.000277
2046 Apr	0.00018	0.000127	0.000875	0.032	0.00000316	1.78	2.43	0.0177	0.000315	18.8	0.00146	0.153	0.0000844	0.000193	0.0000998	0.0823	0.00000199	0.000258	0.000208	0.00098	0.000277
2046 May	0.000181	0.000127	0.000876	0.032	0.00000316	1.78	2.43	0.0177	0.000315	18.8	0.00146	0.153	0.0000845	0.000193	0.0000998	0.0824	0.00000199	0.000258	0.000209	0.000981	0.000278
2046 Jun	0.00018	0.000127	0.00087	0.0318	0.00000315	1.77	2.41	0.0176	0.000313	18.6	0.00145	0.151	0.0000838	0.000191	0.0000991	0.0818	0.00000198	0.000256	0.000207	0.000975	0.000276
2046 Jul	0.000179	0.000126	0.000864	0.0316	0.00000313	1.76	2.4	0.0175	0.000312	18.5	0.00144	0.148	0.000083	0.00019	0.0000985	0.0813	0.00000197	0.000256	0.000206	0.000969	0.000275
2046 Aug	0.000179	0.000126	0.000866	0.0316	0.00000314	1.76	2.4	0.0175	0.000312	18.5	0.00145	0.149	0.0000831	0.000191	0.0000987	0.0814	0.00000197	0.000256	0.000206	0.000971	0.000275
2046 Sep	0.000179	0.000126	0.000865	0.0316	0.00000314	1.76	2.4	0.0175	0.000312	18.5	0.00144	0.148	0.000083	0.00019	0.0000986	0.0813	0.00000197	0.000256	0.000206	0.00097	0.000275
2046 Oct	0.000179	0.000125	0.000863	0.0315	0.00000313	1.76	2.39	0.0174	0.000312	18.4	0.00144	0.148	0.0000828	0.00019	0.0000984	0.0812	0.00000196	0.000256	0.000205	0.000968	0.000274
2046 Nov	0.000179	0.000125	0.000863	0.0315	0.00000313	1.76	2.39	0.0174	0.000312	18.4	0.00144	0.148	0.0000827	0.00019	0.0000983	0.0811	0.00000196	0.000256	0.000205	0.000968	0.000274
2046 Dec	0.000179	0.000125	0.000863	0.0315	0.00000313	1.76	2.39	0.0174	0.000312	18.4	0.00144	0.148	0.0000827	0.00019	0.0000983	0.0811	0.00000196	0.000256	0.000205	0.000968	0.000274
2047 Jan	0.000179	0.000125	0.000863	0.0315	0.00000313	1.76	2.39	0.0174	0.000312	18.4	0.00144	0.148	0.0000827	0.00019	0.0000983	0.0811	0.00000196	0.000256	0.000205	0.000968	0.000274
2047 Feb	0.000179	0.000125	0.000863	0.0315	0.00000313	1.76	2.39	0.0174	0.000312	18.4	0.00144	0.148	0.0000827	0.00019	0.0000983	0.0811	0.00000196	0.000256	0.000205	0.000968	0.000274
2047 Mar	0.000179	0.000125	0.000863	0.0315	0.00000313	1.76	2.39	0.0174	0.000312	18.4	0.00144	0.148	0.0000827	0.00019	0.0000983	0.0812	0.00000196	0.000256	0.000205	0.000968	0.000274
2047 Apr	0.000179	0.000125	0.000863	0.0315	0.00000313	1.76	2.39	0.0174	0.000312	18.4	0.00144	0.148	0.0000828	0.00019	0.0000984	0.0812	0.00000196	0.000256	0.000205	0.000968	0.000274
2047 May	0.000179	0.000125	0.000863	0.0315	0.00000313	1.76	2.39	0.0174	0.000312	18.4	0.00144	0.148	0.0000829	0.00019	0.0000984	0.0812	0.00000196	0.000256	0.000205	0.000968	0.000274
2047 Jun	0.000178	0.000125	0.000857	0.0314	0.00000311	1.75	2.38	0.0174	0.000311	18.3	0.00143	0.145	0.0000828	0.000189	0.0000978	0.0807	0.00000195	0.000255	0.000204	0.000961	0.000273
2047 Jul	0.000178	0.000125	0.000859	0.0314	0.00000312	1.75	2.38	0.0174	0.000312	18.3	0.00143	0.145	0.0000829	0.000189	0.000098	0.0809	0.00000196	0.000256	0.000205	0.000963	0.000274
2047 Aug	0.000179	0.000125	0.000861	0.0315	0.00000313	1.76	2.39	0.0174	0.000313	18.3	0.00144	0.145	0.0000831	0.000189	0.0000982	0.0811	0.00000196	0.000256	0.000205	0.000965	0.000274
2047 Sep	0.000179	0.000125	0.00086	0.0315	0.00000313	1.76	2.39	0.0174	0.000313	18.3	0.00144	0.145	0.0000831	0.000189	0.0000981	0.081	0.00000196	0.000256	0.000205	0.000965	0.000274
2047 Oct	0.000179	0.000125	0.000859	0.0315	0.00000313	1.75	2.38	0.0174	0.000312	18.3	0.00144	0.145	0.000083	0.000189	0.000098	0.0809	0.00000196	0.000256	0.000205	0.000964	0.000274
2047 Nov	0.000179	0.000125	0.000859	0.0315	0.00000313	1.75	2.38	0.0174	0.000312	18.3	0.00143	0.145	0.0000829	0.000189	0.000098	0.0809	0.00000196	0.000256	0.000205	0.000963	0.000274
2047 Dec	0.000179	0.000125	0.000859	0.0315	0.00000313	1.75	2.38	0.0174	0.000312	18.3	0.00143	0.145	0.0000829	0.000189	0.000098	0.0809	0.00000196	0.000256	0.000205	0.000963	0.000274
2048 Jan	0.000179	0.000125	0.000859	0.0315	0.00000313	1.75	2.38	0.0174	0.000312	18.3	0.00143	0.145	0.0000829	0.000189	0.000098	0.0809	0.00000196	0.000256	0.000205	0.000964	0.000274
2048 Feb	0.000179	0.000125	0.000859	0.0315	0.00000313	1.75	2.38	0.0174	0.000312	18.3	0.00143	0.145	0.0000829	0.000189	0.000098	0.0809	0.00000196	0.000256	0.000205	0.000964	0.000274
2048 Mar	0.000179	0.000125	0.000859	0.0315	0.00000313	1.75	2.38	0.0174	0.000312	18.3	0.00143	0.145	0.0000829	0.000189	0.000098	0.0809	0.00000196	0.000256	0.000205	0.000964	0.000274
2048 Apr	0.000179	0.000125	0.000859	0.0315	0.00000313	1.75	2.38	0.0174	0.000312	18.3	0.00143	0.145	0.0000829	0.000189	0.000098	0.0809	0.00000196	0.000256	0.000205	0.000964	0.000274
2048 May	0.000179	0.000125	0.00086	0.0315	0.00000313	1.75	2.39	0.0174	0.000313	18.3	0.00144	0.145	0.000083	0.000189	0.0000981	0.081	0.00000196	0.000256	0.000205	0.000964	0.000274
2048 Jun	0.000178	0.000124	0.000854	0.0313	0.00000312	1.75	2.37	0.0173	0.000312	18.2	0.00143	0.143	0.0000822	0.000188	0.0000975	0.0805	0.00000195	0.000256	0.000203	0.000959	0.000273
2048 Jul	0.000178	0.000123	0.000849	0.031	0.00000311	1.74	2.36	0.0172	0.000313	18.1	0.00142	0.14	0.0000815	0.000187	0.0000971	0.0802	0.00000194	0.000256	0.000202	0.000954	0.000273
2048 Aug	0.000178	0.000123	0.00085	0.0311	0.00000311	1.74	2.36	0.0172	0.000313	18.1	0.00142	0.14	0.0000815	0.000188	0.0000972	0.0803	0.00000194	0.000256	0.000202	0.000955	0.000273
2048 Sep	0.000178	0.000123	0.00085	0.0311	0.00000311	1.74	2.36	0.0172	0.000313	18.1	0.00142	0.14	0.0000815	0.000188	0.0000972	0.0802	0.00000194	0.000256	0.000202	0.000954	0.000273
2048 Oct	0.000178	0.000123	0.000849	0.031	0.00000311	1.74	2.36	0.0171	0.000313	18	0.00142	0.14	0.0000814	0.000187	0.000097	0.0801	0.00000194	0.000256	0.000202	0.000953	0.000272
2048 Nov	0.000178	0.000123	0.000848	0.031	0.00000311	1.74	2.36	0.0171	0.000313	18	0.00142	0.14	0.0000813	0.000187	0.000097	0.0801	0.00000194	0.000256	0.000202	0.000953	0.000272
2048 Dec	0.000178	0.000123	0.000848	0.031	0.00000311	1.74	2.36	0.0171	0.000313	18	0.00142	0.14	0.0000813	0.000187	0.000097	0.0801	0.00000194	0.000256	0.000202	0.000953	0.000272
2049 Jan	0.000178	0.000123	0.000848	0.031	0.00000311	1.74	2.36	0.0171	0.000313	18	0.00142	0.14	0.0000813	0.000187	0.000097	0.0801	0.00000194	0.000256	0.000202	0.000953	0.000272
2049 Feb	0.000178	0.000123	0.000848	0.031	0.00000311	1.74	2.36	0.0171	0.000313	18	0.00142	0.14	0.0000813	0.000187	0.000097	0.0801	0.00000194	0.000256	0.000202	0.000953	0.000272
2049 Mar	0.000178	0.000123	0.000849	0.031	0.00000311	1.74	2.36	0.0171	0.000313	18	0.00142	0.14	0.0000813	0.000187	0.000097	0.0801	0.00000194	0.000256	0.000202	0.000953	0.000272
2049 Apr	0.000178	0.000123	0.000849	0.031	0.00000311	1.74	2.36	0.0171	0.000313	18	0.00142	0.14	0.0000813	0.000187	0.000097	0.0801	0.00000194	0.000256	0.000202	0.000953	0.000272
2049 May	0.000178	0.000123	0.000849	0.031	0.00000311	1.74	2.36	0.0172	0.000313	18	0.00142	0.14	0.0000814	0.000187	0.0000971	0.0802	0.00000194	0.000256	0.000202	0.000954	0.000273
2049 Jun	0.000177	0.000122	0.000843	0.0308	0.0000031	1.74	2.34	0.017	0.000314	17.9	0.00141	0.137	0.0000806	0.000186	0.0000966	0.0798	0.00000193	0.000256	0.0002	0.000948	0.000272
2049 Jul	0.000177	0.000122	0.00084	0.0306	0.0000031	1.74	2.34	0.017	0.000315	17.8	0.00141	0.136	0.0000801	0.000186	0.0000964	0.0797	0.00000193	0.000257	0.0002	0.000945	0.000272
2049 Aug	0.000178	0.000122	0.000842	0.0307	0.0000031	1.74	2.34	0.017	0.000316	17.9	0.00141	0.136	0.0000803	0.000187	0.0000967	0.0799	0.00000193	0.000258	0.0002	0.000947	0.000273
2049 Sep	0.000178	0.000122	0.000842	0.0307	0.00000311	1.74	2.34	0.017	0.000316	17.8	0.00141	0.136	0.0000803	0.000187	0.0000966	0.0798	0.00000193	0.000257	0.0002	0.000947	0.000273

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2049 Oct	0.000178	0.000122	0.000841	0.0307	0.0000031	1.74	2.34	0.017	0.000315	17.8	0.00141	0.136	0.0000802	0.000186	0.0000965	0.0797	0.00000193	0.000257	0.0002	0.000946	0.000272
2049 Nov	0.000178	0.000122	0.000841	0.0307	0.0000031	1.74	2.34	0.017	0.000315	17.8	0.00141	0.136	0.0000802	0.000186	0.0000965	0.0797	0.00000193	0.000257	0.0002	0.000946	0.000272
2049 Dec	0.000178	0.000122	0.000841	0.0307	0.0000031	1.74	2.34	0.017	0.000315	17.8	0.00141	0.136	0.0000802	0.000186	0.0000965	0.0797	0.00000193	0.000257	0.0002	0.000946	0.000272
2050 Jan	0.000178	0.000122	0.000841	0.0307	0.0000031	1.74	2.34	0.017	0.000315	17.8	0.00141	0.136	0.0000802	0.000186	0.0000965	0.0797	0.00000193	0.000257	0.0002	0.000946	0.000272
2050 Feb	0.000178	0.000122	0.000841	0.0307	0.0000031	1.74	2.34	0.017	0.000315	17.8	0.00141	0.136	0.0000802	0.000186	0.0000965	0.0797	0.00000193	0.000257	0.0002	0.000946	0.000272
2050 Mar	0.000178	0.000122	0.000841	0.0307	0.0000031	1.74	2.34	0.017	0.000315	17.8	0.00141	0.136	0.0000802	0.000186	0.0000965	0.0797	0.00000193	0.000257	0.0002	0.000946	0.000272
2050 Apr	0.000178	0.000122	0.000841	0.0307	0.0000031	1.74	2.34	0.017	0.000315	17.8	0.00141	0.136	0.0000802	0.000186	0.0000965	0.0797	0.00000193	0.000257	0.0002	0.000946	0.000272
2050 May	0.000178	0.000122	0.000842	0.0307	0.00000311	1.74	2.34	0.017	0.000315	17.8	0.00141	0.136	0.0000802	0.000186	0.0000966	0.0798	0.00000193	0.000257	0.0002	0.000946	0.000272
2050 Jun	0.000177	0.000121	0.000837	0.0306	0.0000031	1.74	2.33	0.0169	0.000316	17.7	0.0014	0.134	0.0000799	0.000186	0.0000962	0.0795	0.00000192	0.000257	0.000199	0.000942	0.000272
2050 Jul	0.000177	0.000121	0.000833	0.0304	0.00000309	1.73	2.32	0.0169	0.000317	17.6	0.0014	0.132	0.0000793	0.000186	0.000096	0.0794	0.00000192	0.000258	0.000198	0.000938	0.000272
2050 Aug	0.000178	0.000121	0.000834	0.0304	0.0000031	1.74	2.33	0.0169	0.000318	17.6	0.0014	0.133	0.0000794	0.000186	0.0000961	0.0795	0.00000192	0.000258	0.000198	0.00094	0.000272
2050 Sep	0.000178	0.000121	0.000834	0.0304	0.0000031	1.74	2.33	0.0169	0.000318	17.6	0.0014	0.133	0.0000794	0.000186	0.0000961	0.0795	0.00000192	0.000258	0.000198	0.00094	0.000272
2050 Oct	0.000178	0.000121	0.000835	0.0305	0.0000031	1.74	2.33	0.0169	0.000318	17.6	0.0014	0.133	0.0000794	0.000186	0.0000962	0.0795	0.00000192	0.000258	0.000198	0.00094	0.000272
2050 Nov	0.000178	0.000121	0.000835	0.0305	0.0000031	1.74	2.33	0.0169	0.000318	17.6	0.0014	0.133	0.0000794	0.000186	0.0000962	0.0795	0.00000192	0.000258	0.000199	0.00094	0.000272
2050 Dec	0.000178	0.000121	0.000835	0.0305	0.0000031	1.74	2.33	0.0169	0.000318	17.7	0.0014	0.133	0.0000794	0.000186	0.0000962	0.0795	0.00000192	0.000258	0.000199	0.00094	0.000272
2051 Jan	0.000178	0.000121	0.000835	0.0305	0.0000031	1.74	2.33	0.0169	0.000318	17.7	0.0014	0.133	0.0000794	0.000186	0.0000962	0.0795	0.00000192	0.000258	0.000199	0.00094	0.000272
2051 Feb	0.000178	0.000121	0.000835	0.0305	0.0000031	1.74	2.33	0.0169	0.000318	17.7	0.0014	0.133	0.0000794	0.000186	0.0000962	0.0795	0.00000192	0.000258	0.000199	0.00094	0.000272
2051 Mar	0.000178	0.000121	0.000835	0.0305	0.0000031	1.74	2.33	0.0169	0.000318	17.7	0.0014	0.133	0.0000794	0.000186	0.0000962	0.0795	0.00000192	0.000258	0.000199	0.00094	0.000272
2051 Apr	0.000178	0.000121	0.000835	0.0305	0.0000031	1.74	2.33	0.0169	0.000318	17.7	0.0014	0.133	0.0000795	0.000186	0.0000962	0.0795	0.00000193	0.000258	0.000199	0.00094	0.000272
2051 May	0.000178	0.000121	0.000836	0.0305	0.0000031	1.74	2.33	0.0169	0.000318	17.7	0.0014	0.133	0.0000796	0.000186	0.0000963	0.0796	0.00000193	0.000259	0.000199	0.000941	0.000272
2051 Jun	0.000178	0.00012	0.000827	0.0302	0.00000309	1.73	2.31	0.0168	0.000321	17.5	0.00139	0.129	0.000079	0.000185	0.0000957	0.0792	0.00000192	0.000259	0.000197	0.000932	0.000272
2051 Jul	0.000178	0.00012	0.000826	0.0301	0.00000309	1.74	2.31	0.0168	0.000324	17.4	0.00139	0.128	0.0000787	0.000185	0.0000959	0.0793	0.00000192	0.000261	0.000197	0.000931	0.000273
2051 Aug	0.000178	0.00012	0.000826	0.0302	0.0000031	1.74	2.32	0.0168	0.000324	17.4	0.00139	0.128	0.0000787	0.000186	0.0000959	0.0794	0.00000192	0.000261	0.000197	0.000932	0.000273
2051 Sep	0.000178	0.00012	0.000825	0.0301	0.0000031	1.74	2.31	0.0168	0.000325	17.4	0.00139	0.127	0.0000786	0.000185	0.0000959	0.0794	0.00000192	0.000261	0.000197	0.00093	0.000273
2051 Oct	0.000178	0.000119	0.000822	0.0299	0.00000309	1.74	2.31	0.0167	0.000327	17.3	0.00138	0.126	0.000078	0.000185	0.0000957	0.0793	0.00000192	0.000262	0.000196	0.000926	0.000273
2051 Nov	0.000178	0.000119	0.000822	0.0299	0.00000309	1.74	2.31	0.0167	0.000327	17.3	0.00138	0.126	0.0000779	0.000185	0.0000957	0.0793	0.00000192	0.000262	0.000195	0.000925	0.000273
2051 Dec	0.000178	0.000119	0.000822	0.0299	0.00000309	1.74	2.31	0.0167	0.000327	17.3	0.00138	0.126	0.0000779	0.000185	0.0000957	0.0793	0.00000192	0.000262	0.000195	0.000925	0.000273
2052 Jan	0.000178	0.000119	0.000822	0.0299	0.00000309	1.74	2.31	0.0167	0.000327	17.3	0.00138	0.126	0.0000779	0.000185	0.0000957	0.0793	0.00000192	0.000262	0.000195	0.000925	0.000273
2052 Feb	0.000178	0.000119	0.000822	0.0299	0.00000309	1.74	2.31	0.0167	0.000327	17.3	0.00138	0.126	0.0000779	0.000185	0.0000957	0.0793	0.00000192	0.000262	0.000195	0.000926	0.000273
2052 Mar	0.000178	0.000119	0.000822	0.0299	0.00000309	1.74	2.31	0.0167	0.000327	17.3	0.00138	0.126	0.0000779	0.000185	0.0000957	0.0793	0.00000192	0.000262	0.000195	0.000926	0.000273
2052 Apr	0.000178	0.000119	0.000822	0.0299	0.00000309	1.74	2.31	0.0167	0.000327	17.3	0.00138	0.126	0.0000779	0.000185	0.0000957	0.0793	0.00000192	0.000262	0.000195	0.000926	0.000273
2052 May	0.000178	0.000119	0.000822	0.03	0.00000309	1.74	2.31	0.0167	0.000327	17.3	0.00138	0.126	0.0000781	0.000185	0.0000958	0.0793	0.00000192	0.000262	0.000196	0.000926	0.000273
2052 Jun	0.000179	0.000119	0.000819	0.03	0.00000309	1.74	2.31	0.0168	0.000329	17.2	0.00138	0.124	0.0000782	0.000185	0.0000957	0.0793	0.00000192	0.000263	0.000196	0.000923	0.000273
2052 Jul	0.000179	0.000119	0.000819	0.03	0.00000309	1.74	2.31	0.0168	0.00033	17.2	0.00138	0.124	0.0000781	0.000185	0.0000957	0.0794	0.00000192	0.000263	0.000196	0.000923	0.000274
2052 Aug	0.000179	0.000119	0.00082	0.03	0.0000031	1.74	2.31	0.0168	0.00033	17.2	0.00138	0.124	0.0000782	0.000185	0.0000958	0.0794	0.00000192	0.000264	0.000196	0.000924	0.000274
2052 Sep	0.000179	0.000119	0.00082	0.03	0.0000031	1.74	2.31	0.0168	0.00033	17.2	0.00138	0.124	0.0000781	0.000185	0.0000958	0.0794	0.00000192	0.000264	0.000196	0.000924	0.000274
2052 Oct	0.000179	0.000119	0.000819	0.03	0.0000031	1.74	2.31	0.0168	0.000331	17.2	0.00138	0.124	0.0000781	0.000185	0.0000958	0.0794	0.00000192	0.000264	0.000195	0.000923	0.000274
2052 Nov	0.000179	0.000119	0.000819	0.03	0.0000031	1.74	2.31	0.0168	0.000331	17.2	0.00138	0.124	0.0000781	0.000185	0.0000958	0.0795	0.00000192	0.000264	0.000195	0.000923	0.000274
2052 Dec	0.000179	0.000119	0.000819	0.03	0.0000031	1.75	2.31	0.0168	0.000331	17.2	0.00138	0.124	0.0000781	0.000185	0.0000958	0.0795	0.00000192	0.000264	0.000195	0.000924	0.000274
2053 Jan	0.000179	0.000119	0.000819	0.03	0.0000031	1.75	2.31	0.0168	0.000331	17.2	0.00138	0.124	0.0000781	0.000185	0.0000958	0.0795	0.00000192	0.000264	0.000195	0.000924	0.000274
2053 Feb	0.000179	0.000119	0.000819	0.03	0.0000031	1.75	2.31	0.0168	0.000331	17.2	0.00138	0.124	0.0000781	0.000185	0.0000958	0.0795	0.00000192	0.000264	0.000195	0.000924	0.000274
2053 Mar	0.000179	0.000119	0.000819	0.03	0.0000031	1.75	2.31	0.0168	0.000331	17.2	0.00138	0.124	0.0000781	0.000185	0.0000958	0.0795	0.00000192	0.000264	0.000195	0.000924	0.000274
2053 Apr	0.000179	0.000119	0.00082	0.03	0.0000031	1.75	2.31	0.0168	0.000331	17.2	0.00138	0.124	0.0000781	0.000185	0.0000959	0.0795	0.00000192	0.000264	0.000195	0.000924	0.000274
2053 May	0.000179	0.000119	0.000819	0.03	0.0000031	1.75	2.31	0.0168	0.000331	17.2	0.00138	0.123	0.0000783	0.000185	0.0000958	0.0795	0.00000192	0.000264	0.000196	0.000923	0.000274
2053 Jun	0.00018	0.000119	0.000813	0.0299	0.0000031	1.75	2.3	0.0168	0.000336	17.1	0.00137	0.121	0.0000784	0.000185	0.0000958	0.0796	0.00000192	0.000266	0.000195	0.000917	0.000275
2053 Jul	0.00018	0.000119	0.000814	0.0299	0.0000031	1.75	2.31	0.0168	0.000338	17.1	0.00138	0.12	0.0000784	0.000186	0.000096	0.0798	0.00000193	0.000267	0.000195	0.000918	0.000276
2053 Aug	0.000181	0.000119	0.000816	0.03	0.00000311	1.76	2.31	0.0169	0.000339	17.1	0.00138	0.121	0.0000785	0.000186	0.0000962	0.0799	0.00000193	0.000268	0.000196	0.00092	0.000276
2053 Sep	0.000181	0.000119	0.000817	0.03	0.00000311	1.76	2.31	0.0169	0.00034	17.1	0.00138	0.121	0.0000786	0.000186	0.0000964	0.08	0.00000193	0.000268	0.000196	0.000921	0.000276
2053 Oct	0.000181	0.000119	0.000817	0.03	0.00000311	1.76	2.31	0.0169	0.00034	17.1	0.00138	0.121	0.0000787	0.000186	0.0000964	0.0801	0.00000193	0.000268	0.000196	0.000922	0.000277
2053 Nov	0.000181	0.000119	0.000817	0.03	0.00000312	1.76	2.31	0.0169	0.00034	17.1	0.00138	0.121	0.0000787	0.000186	0.0000964	0.0801	0.00000193	0.000268	0.000196	0.000922	0.000277
2053 Dec	0.000181	0.000119	0.000817	0.03	0.00000312	1.76	2.31	0.0169	0.00034	17.1	0.00138	0.121	0.0000787	0.000186	0.0000964	0.0801	0.00000193	0.000268	0.000196	0.000922	0.000277
2054 Jan	0.000181	0.000119	0.000817	0.03	0.00000312	1.76	2.31	0.0169	0.00034	17.1	0.00138	0.121	0.0000787	0.000186	0.0000964	0.0801	0.00000193	0.000268	0.000196	0.000922	0.000277
2054 Feb	0.000181	0.000119	0.000817	0.03	0.00000312	1.76	2.31	0.0169	0.00034	17.1	0.00138	0.121	0.0000787	0.000186	0.0000964	0.0801	0.00000193	0.000268	0.000196	0.000922	0.000277
2054 Mar	0.000181	0.000119	0.000817	0.03	0.00000312	1.76	2.32	0.0169	0.00034	17.1	0.00138	0.121	0.0000787	0.000186	0.0000964	0.0801	0.00000193	0.000268	0.000196	0.000922	0.000277
2054 Apr	0.000181	0.000119	0.000817	0.03	0.00000312	1.76	2.32	0.0169	0.00034	17.1	0.00138	0.121	0.0000787	0.000186	0.0000964	0.0801	0.00000193	0.000268	0.000196	0.000922	0.000277
2054 May	0.000181	0.000119	0.000818	0.0301	0.00000312	1.76	2.32	0.0169	0.00034	17.1	0.00138	0.121	0.0000788	0.000186	0.0000965	0.0801	0.00000194	0.000268	0.000196	0.000922	0.000277
2054 Jun	0.000181	0.000119	0.000814	0.0301	0.00000311	1.76	2.31	0.0169	0.00034	17	0.00138	0.12	0.000079	0.000186	0.0000961	0.0799	0.00000193	0.000268	0.000196	0.000918	0.000276
2054 Jul	0.000181	0.000119	0.000812	0.03	0.00000311	1.76	2.31	0.0169	0.000343	17	0.00137	0.119	0.0000787	0.000186	0.0000962	0.08	0.00000193	0.000269	0.000196	0.000917	0.000276
2054 Aug	0.000181	0.000119	0.000812	0.03	0.00000312	1.76	2.31	0.0169	0.000343	17	0.00137	0.119	0.0000787	0.000186	0.0000962	0.08	0.00000193	0.000269	0.000196	0.000917	0.000277
2054 Sep	0.000182	0.000119	0.000812	0.03	0.00000312	1.76	2.31	0.0169	0.000344	17	0.00137	0.118	0.0000786	0.000186	0.0000963	0.08	0.00000193	0.000269	0.000196	0.000917	0.000277
2054 Oct	0.000182	0.000119	0.000811	0.03	0.00000312	1.76	2.31	0.0169	0.000345	17	0.00137	0.118	0.0000785	0.000186	0.0000963	0.0801	0.00000193	0.00027	0.000195	0.000916	0.000277
2054 Nov	0.000182	0.000119	0.000811	0.0299	0.00000312	1.76	2.31	0.0169	0.000345	17	0.00137	0.118	0.0000784	0.000186	0.0000963	0.0801	0.00000194	0.00027	0.000195	0.000916	0.000277
2054 Dec	0.000182	0.000119	0.000811	0.0299	0.00000312	1.76	2.31	0.0169	0.000345	17	0.00137	0.118	0.0000785	0.000186	0.0000963	0.0801	0.00000194	0.00027	0.000195	0.000916	0.000277
2055 Jan	0.000182	0.000119	0.000811	0.0299	0.00000312	1.76	2.31	0.0169	0.000345	17	0.00137	0.118	0.0000785	0.000186	0.0000963	0.0801	0.00000194	0.00027	0.000195	0.000916	0.000277
2055 Feb	0.000182	0.000119	0.000811	0.0299	0.00000312	1.76	2.31	0.0169	0.000345	17	0.00137	0.118	0.0000785	0.000186	0.0000963	0.0801	0.00000194	0.00027	0.000195	0.000916	0.000277

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2055 Mar	0.000182	0.000119	0.000811	0.0299	0.00000312	1.76	2.31	0.0169	0.000345	17	0.00137	0.118	0.0000785	0.000186	0.0000963	0.0801	0.00000194	0.00027	0.000195	0.000916	0.000277
2055 Apr	0.000182	0.000119	0.000811	0.0299	0.00000312	1.76	2.31	0.0169	0.000346	17	0.00137	0.118	0.0000785	0.000186	0.0000963	0.0801	0.00000194	0.00027	0.000195	0.000916	0.000277
2055 May	0.000182	0.000119	0.000812	0.03	0.00000312	1.76	2.31	0.0169	0.000346	17	0.00137	0.118	0.0000785	0.000186	0.0000964	0.0802	0.00000194	0.00027	0.000196	0.000916	0.000277
2055 Jun	0.000182	0.000118	0.000806	0.0298	0.00000312	1.77	2.3	0.0169	0.000351	16.8	0.00137	0.116	0.0000778	0.000186	0.0000964	0.0802	0.00000194	0.000272	0.000195	0.000912	0.000278
2055 Jul	0.000184	0.000118	0.000805	0.0297	0.00000313	1.78	2.31	0.0169	0.000357	16.8	0.00137	0.114	0.0000775	0.000187	0.0000967	0.0805	0.00000195	0.000275	0.000194	0.00091	0.00028
2055 Aug	0.000184	0.000118	0.000806	0.0297	0.00000313	1.78	2.31	0.0169	0.000358	16.8	0.00137	0.114	0.0000776	0.000188	0.0000969	0.0806	0.00000195	0.000275	0.000195	0.000912	0.000281
2055 Sep	0.000184	0.000118	0.000806	0.0297	0.00000314	1.78	2.31	0.0169	0.000358	16.8	0.00137	0.114	0.0000776	0.000188	0.0000969	0.0806	0.00000195	0.000275	0.000195	0.000912	0.000281
2055 Oct	0.000184	0.000118	0.000806	0.0297	0.00000314	1.78	2.31	0.0169	0.000358	16.8	0.00137	0.114	0.0000776	0.000188	0.0000969	0.0807	0.00000196	0.000275	0.000195	0.000912	0.000281
2055 Nov	0.000184	0.000118	0.000806	0.0297	0.00000314	1.78	2.31	0.0169	0.000358	16.8	0.00137	0.114	0.0000776	0.000188	0.0000969	0.0807	0.00000196	0.000275	0.000195	0.000912	0.000281
2055 Dec	0.000184	0.000118	0.000806	0.0297	0.00000314	1.78	2.31	0.0169	0.000358	16.8	0.00137	0.114	0.0000776	0.000188	0.0000969	0.0807	0.00000196	0.000275	0.000195	0.000912	0.000281
2056 Jan	0.000184	0.000118	0.000806	0.0297	0.00000314	1.78	2.31	0.0169	0.000358	16.8	0.00137	0.114	0.0000776	0.000188	0.0000969	0.0807	0.00000196	0.000275	0.000195	0.000912	0.000281
2056 Feb	0.000184	0.000118	0.000806	0.0297	0.00000314	1.78	2.31	0.0169	0.000358	16.8	0.00137	0.114	0.0000776	0.000188	0.0000969	0.0807	0.00000196	0.000275	0.000195	0.000912	0.000281
2056 Mar	0.000184	0.000118	0.000806	0.0297	0.00000314	1.78	2.31	0.0169	0.000358	16.8	0.00137	0.114	0.0000776	0.000188	0.0000969	0.0807	0.00000196	0.000275	0.000195	0.000912	0.000281
2056 Apr	0.000184	0.000118	0.000807	0.0298	0.00000314	1.78	2.31	0.0169	0.000358	16.8	0.00137	0.114	0.0000776	0.000188	0.0000969	0.0807	0.00000196	0.000276	0.000195	0.000913	0.000281
2056 May	0.000184	0.000118	0.000807	0.0298	0.00000314	1.78	2.31	0.0169	0.000358	16.8	0.00137	0.114	0.0000779	0.000188	0.0000969	0.0807	0.00000196	0.000275	0.000195	0.000913	0.000281
2056 Jun	0.000185	0.000118	0.000802	0.0298	0.00000314	1.78	2.31	0.017	0.000362	16.7	0.00137	0.112	0.0000781	0.000188	0.0000969	0.0808	0.00000196	0.000277	0.000195	0.000908	0.000281
2056 Jul	0.000185	0.000118	0.000803	0.0298	0.00000315	1.79	2.31	0.017	0.000364	16.7	0.00137	0.112	0.0000782	0.000188	0.0000972	0.081	0.00000196	0.000278	0.000195	0.00091	0.000282
2056 Aug	0.000185	0.000118	0.000804	0.0299	0.00000315	1.79	2.32	0.017	0.000364	16.7	0.00137	0.113	0.0000783	0.000188	0.0000973	0.0811	0.00000197	0.000278	0.000195	0.000911	0.000282
2056 Sep	0.000185	0.000118	0.000805	0.0299	0.00000315	1.79	2.32	0.0171	0.000365	16.8	0.00137	0.113	0.0000784	0.000188	0.0000974	0.0812	0.00000197	0.000278	0.000196	0.000912	0.000282
2056 Oct	0.000185	0.000118	0.000805	0.0299	0.00000315	1.79	2.32	0.017	0.000365	16.7	0.00137	0.113	0.0000783	0.000188	0.0000973	0.0811	0.00000197	0.000278	0.000196	0.000911	0.000282
2056 Nov	0.000185	0.000118	0.000805	0.0299	0.00000315	1.79	2.32	0.017	0.000365	16.7	0.00137	0.113	0.0000783	0.000188	0.0000973	0.0811	0.00000197	0.000278	0.000196	0.000911	0.000282
2056 Dec	0.000185	0.000118	0.000805	0.0299	0.00000315	1.79	2.32	0.017	0.000365	16.7	0.00137	0.113	0.0000783	0.000188	0.0000973	0.0811	0.00000197	0.000278	0.000196	0.000911	0.000282
2057 Jan	0.000185	0.000118	0.000805	0.0299	0.00000315	1.79	2.32	0.017	0.000365	16.7	0.00137	0.113	0.0000783	0.000188	0.0000973	0.0811	0.00000197	0.000278	0.000196	0.000911	0.000282
2057 Feb	0.000185	0.000118	0.000805	0.0299	0.00000315	1.79	2.32	0.017	0.000365	16.7	0.00137	0.113	0.0000783	0.000188	0.0000973	0.0811	0.00000197	0.000278	0.000196	0.000911	0.000282
2057 Mar	0.000185	0.000118	0.000805	0.0299	0.00000315	1.79	2.32	0.017	0.000365	16.7	0.00137	0.113	0.0000783	0.000188	0.0000973	0.0811	0.00000197	0.000278	0.000196	0.000911	0.000282
2057 Apr	0.000185	0.000118	0.000805	0.0299	0.00000316	1.79	2.32	0.017	0.000365	16.7	0.00137	0.113	0.0000784	0.000188	0.0000973	0.0811	0.00000197	0.000278	0.000196	0.000912	0.000282
2057 May	0.000186	0.000118	0.000806	0.0299	0.00000316	1.79	2.32	0.0171	0.000365	16.8	0.00137	0.113	0.0000785	0.000188	0.0000974	0.0812	0.00000197	0.000278	0.000196	0.000912	0.000283
2057 Jun	0.000186	0.000118	0.0008	0.0299	0.00000316	1.79	2.31	0.0171	0.00037	16.6	0.00137	0.111	0.0000783	0.000188	0.0000974	0.0812	0.00000197	0.00028	0.000195	0.000907	0.000283
2057 Jul	0.000187	0.000118	0.000801	0.0299	0.00000316	1.8	2.32	0.0171	0.000373	16.6	0.00137	0.11	0.0000783	0.000189	0.0000977	0.0815	0.00000198	0.000281	0.000196	0.000908	0.000284
2057 Aug	0.000187	0.000118	0.000803	0.0299	0.00000317	1.81	2.33	0.0172	0.000374	16.7	0.00137	0.11	0.0000785	0.00019	0.0000979	0.0817	0.00000198	0.000282	0.000196	0.000911	0.000285
2057 Sep	0.000187	0.000118	0.000804	0.03	0.00000318	1.81	2.33	0.0172	0.000374	16.7	0.00138	0.111	0.0000786	0.00019	0.000098	0.0818	0.00000199	0.000282	0.000196	0.000912	0.000285
2057 Oct	0.000187	0.000118	0.000804	0.03	0.00000318	1.81	2.33	0.0172	0.000374	16.7	0.00138	0.111	0.0000786	0.00019	0.000098	0.0818	0.00000199	0.000282	0.000196	0.000912	0.000285
2057 Nov	0.000187	0.000118	0.000804	0.03	0.00000318	1.81	2.33	0.0172	0.000374	16.7	0.00138	0.111	0.0000786	0.00019	0.000098	0.0818	0.00000199	0.000282	0.000196	0.000912	0.000285
2057 Dec	0.000187	0.000118	0.000804	0.03	0.00000318	1.81	2.33	0.0172	0.000374	16.7	0.00138	0.111	0.0000786	0.00019	0.000098	0.0818	0.00000199	0.000282	0.000196	0.000912	0.000285
2058 Jan	0.000187	0.000118	0.000804	0.03	0.00000318	1.81	2.33	0.0172	0.000374	16.7	0.00138	0.111	0.0000786	0.00019	0.000098	0.0818	0.00000199	0.000282	0.000196	0.000912	0.000285
2058 Feb	0.000187	0.000118	0.000804	0.03	0.00000318	1.81	2.33	0.0172	0.000374	16.7	0.00138	0.111	0.0000786	0.00019	0.000098	0.0818	0.00000199	0.000282	0.000196	0.000912	0.000285
2058 Mar	0.000187	0.000118	0.000804	0.03	0.00000318	1.81	2.33	0.0172	0.000375	16.7	0.00138	0.111	0.0000786	0.00019	0.000098	0.0818	0.00000199	0.000282	0.000196	0.000912	0.000285
2058 Apr	0.000188	0.000118	0.000804	0.03	0.00000318	1.81	2.33	0.0172	0.000375	16.7	0.00138	0.111	0.0000786	0.00019	0.000098	0.0818	0.00000199	0.000282	0.000196	0.000912	0.000285
2058 May	0.000188	0.000118	0.000804	0.03	0.00000318	1.81	2.33	0.0172	0.000374	16.7	0.00138	0.11	0.0000789	0.00019	0.000098	0.0818	0.00000199	0.000282	0.000197	0.000912	0.000285
2058 Jun	0.000188	0.000118	0.000797	0.03	0.00000318	1.81	2.32	0.0173	0.000382	16.5	0.00137	0.108	0.0000792	0.00019	0.0000981	0.082	0.00000199	0.000284	0.000196	0.000904	0.000286
2058 Jul	0.000189	0.000118	0.000797	0.03	0.00000319	1.82	2.33	0.0173	0.000387	16.5	0.00137	0.107	0.0000791	0.000191	0.0000985	0.0823	0.000002	0.000286	0.000197	0.000905	0.000288
2058 Aug	0.00019	0.000118	0.000799	0.03	0.00000319	1.82	2.33	0.0173	0.000388	16.5	0.00137	0.107	0.0000793	0.000191	0.0000987	0.0825	0.00000201	0.000287	0.000197	0.000907	0.000288
2058 Sep	0.00019	0.000118	0.000799	0.03	0.00000319	1.82	2.33	0.0173	0.000388	16.5	0.00137	0.107	0.0000793	0.000191	0.0000987	0.0825	0.00000201	0.000287	0.000197	0.000907	0.000288
2058 Oct	0.00019	0.000118	0.000799	0.0301	0.00000319	1.82	2.33	0.0173	0.000388	16.5	0.00137	0.107	0.0000792	0.000191	0.0000987	0.0825	0.00000201	0.000287	0.000197	0.000907	0.000288
2058 Nov	0.00019	0.000118	0.000799	0.0301	0.00000319	1.82	2.33	0.0173	0.000388	16.5	0.00137	0.107	0.0000793	0.000191	0.0000987	0.0825	0.00000201	0.000287	0.000197	0.000907	0.000288
2058 Dec	0.00019	0.000118	0.000799	0.0301	0.00000319	1.82	2.33	0.0173	0.000388	16.5	0.00137	0.107	0.0000793	0.000191	0.0000987	0.0825	0.00000201	0.000287	0.000197	0.000907	0.000288
2059 Jan	0.00019	0.000118	0.000799	0.0301	0.00000319	1.82	2.33	0.0173	0.000388	16.5	0.00137	0.107	0.0000793	0.000191	0.0000987	0.0825	0.00000201	0.000287	0.000197	0.000907	0.000288
2059 Feb	0.00019	0.000118	0.000799	0.0301	0.00000319	1.82	2.33	0.0173	0.000388	16.5	0.00137	0.107	0.0000793	0.000191	0.0000987	0.0825	0.00000201	0.000287	0.000197	0.000907	0.000288
2059 Mar	0.00019	0.000118	0.000799	0.0301	0.00000319	1.82	2.33	0.0173	0.000388	16.5	0.00137	0.107	0.0000793	0.000191	0.0000987	0.0825	0.00000201	0.000287	0.000197	0.000907	0.000288
2059 Apr	0.00019	0.000118	0.000799	0.0301	0.00000319	1.82	2.33	0.0173	0.000388	16.5	0.00137	0.107	0.0000793	0.000191	0.0000987	0.0825	0.00000201	0.000287	0.000197	0.000907	0.000288
2059 May	0.00019	0.000119	0.000799	0.0301	0.0000032	1.83	2.34	0.0174	0.000388	16.5	0.00137	0.107	0.0000794	0.000191	0.0000987	0.0825	0.00000201	0.000287	0.000197	0.000907	0.000288
2059 Jun	0.00019	0.000119	0.000797	0.0301	0.0000032	1.83	2.33	0.0174	0.000391	16.5	0.00137	0.106	0.0000798	0.000191	0.0000988	0.0826	0.00000201	0.000288	0.000197	0.000905	0.000289
2059 Jul	0.000191	0.000119	0.000799	0.0302	0.00000321	1.83	2.34	0.0175	0.000393	16.5	0.00138	0.107	0.00008	0.000192	0.0000991	0.0829	0.00000202	0.000289	0.000198	0.000908	0.00029
2059 Aug	0.000191	0.000119	0.000801	0.0303	0.00000322	1.84	2.35	0.0175	0.000394	16.5	0.00138	0.107	0.0000802	0.000192	0.0000993	0.0831	0.00000202	0.000289	0.000198	0.00091	0.00029
2059 Sep	0.000192	0.000119	0.000801	0.0303	0.00000322	1.84	2.35	0.0175	0.000394	16.5	0.00138	0.107	0.0000802	0.000192	0.0000994	0.0831	0.00000202	0.00029	0.000199	0.00091	0.000291
2059 Oct	0.000191	0.000119	0.0008	0.0303	0.00000322	1.84	2.34	0.0175	0.000393	16.5	0.00138	0.107	0.0000801	0.000192	0.0000992	0.083	0.00000202	0.000289	0.000198	0.000909	0.00029
2059 Nov	0.000191	0.000119	0.0008	0.0303	0.00000322	1.83	2.34	0.0175	0.000393	16.5	0.00138	0.107	0.00008	0.000192	0.0000991	0.083	0.00000202	0.000289	0.000198	0.000909	0.00029
2059 Dec	0.000191	0.000119	0.0008	0.0303	0.00000322	1.83	2.34	0.0175	0.000393	16.5	0.00138	0.107	0.00008	0.000192	0.0000991	0.083	0.00000202	0.000289	0.000198	0.000909	0.00029
2060 Jan	0.000191	0.000119	0.0008	0.0303	0.00000322	1.83	2.34	0.0175	0.000393	16.5	0.00138	0.107	0.00008	0.000192	0.0000991	0.083	0.00000202	0.000289	0.000198	0.000909	0.00029
2060 Feb	0.000191	0.000119	0.0008	0.0303	0.00000322	1.83	2.34	0.0175	0.000393	16.5	0.00138	0.107	0.00008	0.000192	0.0000991	0.083	0.00000202	0.000289	0.000198	0.000909	0.00029
2060 Mar	0.000191	0.000119	0.0008	0.0303	0.00000322	1.83	2.34	0.0175	0.000393	16.5	0.00138	0.107	0.00008	0.000192	0.0000991	0.083	0.00000202	0.000289	0.000198	0.000909	0.00029
2060 Apr	0.000191	0.000119	0.0008	0.0303	0.00000322	1.84	2.34	0.0175	0.000393	16.5	0.00138	0.107	0.0000801	0.000192	0.0000992	0.083	0.00000202	0.000289	0.000198	0.000909	0.00029
2060 May	0.000191	0.000119	0.000799	0.0304	0.00000322	1.83	2.34	0.0175	0.000393	16.5	0.00138	0.106	0.0000804	0.000192	0.0000991	0.0829	0.00000202	0.000289	0.000198	0.000908	0.000289
2060 Jun	0.000192	0.000119	0.000795	0.0303	0.00000322	1.84	2.34	0.0176	0.0004	16.4	0.00137	0.104	0.0000807	0.000192	0.0000993	0.0833	0.00000203	0.000291	0.000199	0.000904	0.000291
2060 Jul	0.000193	0.000119	0.000797	0.0304	0.00000323	1.85	2.35	0.0177	0.000403	16.4	0.00138	0.105	0.0000808	0.000193	0.0000997	0.0836	0.00000204	0.000292	0.000199	0.000906	0.000293

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2060 Aug	0.000193	0.00012	0.000798	0.0305	0.00000324	1.85	2.35	0.0177	0.000404	16.4	0.00138	0.105	0.0000809	0.000193	0.0000999	0.0837	0.00000204	0.000293	0.000199	0.000907	0.000293
2060 Sep	0.000193	0.000119	0.000797	0.0304	0.00000323	1.85	2.35	0.0177	0.000403	16.4	0.00138	0.104	0.0000808	0.000193	0.0000997	0.0836	0.00000204	0.000292	0.000199	0.000906	0.000292
2060 Oct	0.000193	0.000119	0.000796	0.0304	0.00000323	1.85	2.35	0.0176	0.000405	16.4	0.00138	0.104	0.0000806	0.000193	0.0000997	0.0836	0.00000204	0.000293	0.000199	0.000905	0.000293
2060 Nov	0.000193	0.000119	0.000796	0.0304	0.00000324	1.85	2.35	0.0177	0.000406	16.4	0.00138	0.104	0.0000806	0.000193	0.0000998	0.0837	0.00000204	0.000293	0.000199	0.000905	0.000293
2060 Dec	0.000193	0.000119	0.000796	0.0304	0.00000324	1.85	2.35	0.0177	0.000406	16.4	0.00138	0.104	0.0000806	0.000193	0.0000998	0.0837	0.00000204	0.000293	0.000199	0.000905	0.000293
2061 Jan	0.000193	0.000119	0.000796	0.0304	0.00000324	1.85	2.35	0.0177	0.000406	16.4	0.00138	0.104	0.0000806	0.000193	0.0000998	0.0837	0.00000204	0.000293	0.000199	0.000905	0.000293
2061 Feb	0.000193	0.000119	0.000796	0.0304	0.00000324	1.85	2.35	0.0177	0.000406	16.4	0.00138	0.104	0.0000806	0.000193	0.0000998	0.0837	0.00000204	0.000293	0.000199	0.000905	0.000293
2061 Mar	0.000193	0.000119	0.000796	0.0304	0.00000324	1.85	2.35	0.0177	0.000406	16.4	0.00138	0.104	0.0000806	0.000193	0.0000998	0.0837	0.00000204	0.000293	0.000199	0.000905	0.000293
2061 Apr	0.000193	0.000119	0.000796	0.0304	0.00000324	1.85	2.35	0.0177	0.000406	16.4	0.00138	0.104	0.0000806	0.000193	0.0000998	0.0837	0.00000204	0.000293	0.000199	0.000905	0.000293
2061 May	0.000194	0.000119	0.000795	0.0305	0.00000324	1.85	2.35	0.0177	0.000408	16.3	0.00138	0.103	0.0000809	0.000193	0.0000999	0.0838	0.00000205	0.000294	0.000199	0.000904	0.000293
2061 Jun	0.000196	0.000119	0.000791	0.0304	0.00000325	1.88	2.36	0.0179	0.000425	16.2	0.00138	0.101	0.0000811	0.000195	0.000101	0.0847	0.00000208	0.000299	0.000199	0.0009	0.000298
2061 Jul	0.000197	0.00012	0.000793	0.0305	0.00000326	1.88	2.37	0.0179	0.000428	16.3	0.00138	0.101	0.0000813	0.000196	0.000101	0.085	0.00000209	0.000301	0.0002	0.000902	0.0003
2061 Aug	0.000198	0.00012	0.000795	0.0305	0.00000327	1.89	2.38	0.018	0.000429	16.3	0.00138	0.101	0.0000814	0.000196	0.000102	0.0852	0.00000209	0.000302	0.0002	0.000904	0.0003
2061 Sep	0.000198	0.00012	0.000795	0.0306	0.00000327	1.89	2.38	0.018	0.000429	16.3	0.00138	0.101	0.0000815	0.000196	0.000102	0.0852	0.00000209	0.000302	0.0002	0.000905	0.0003
2061 Oct	0.000197	0.00012	0.000794	0.0305	0.00000327	1.89	2.37	0.018	0.000428	16.3	0.00138	0.101	0.0000813	0.000196	0.000101	0.0851	0.00000209	0.000301	0.0002	0.000903	0.0003
2061 Nov	0.000197	0.00012	0.000793	0.0305	0.00000327	1.88	2.37	0.0179	0.000428	16.3	0.00138	0.101	0.0000813	0.000196	0.000101	0.0851	0.00000209	0.000301	0.0002	0.000903	0.0003
2061 Dec	0.000197	0.00012	0.000793	0.0305	0.00000327	1.88	2.37	0.0179	0.000428	16.3	0.00138	0.101	0.0000813	0.000196	0.000101	0.0851	0.00000209	0.000301	0.0002	0.000903	0.0003
2062 Jan	0.000197	0.00012	0.000793	0.0305	0.00000327	1.88	2.37	0.0179	0.000428	16.3	0.00138	0.101	0.0000813	0.000196	0.000101	0.0851	0.00000209	0.000301	0.0002	0.000903	0.0003
2062 Feb	0.000197	0.00012	0.000793	0.0305	0.00000327	1.88	2.37	0.0179	0.000428	16.3	0.00138	0.101	0.0000813	0.000196	0.000101	0.0851	0.00000209	0.000301	0.0002	0.000903	0.0003
2062 Mar	0.000197	0.00012	0.000793	0.0305	0.00000327	1.88	2.37	0.0179	0.000428	16.3	0.00138	0.101	0.0000813	0.000196	0.000101	0.0851	0.00000209	0.000301	0.0002	0.000903	0.0003
2062 Apr	0.000197	0.00012	0.000794	0.0305	0.00000327	1.89	2.37	0.0179	0.000428	16.3	0.00138	0.101	0.0000813	0.000196	0.000101	0.0851	0.00000209	0.000301	0.0002	0.000903	0.0003
2062 May	0.000198	0.00012	0.000794	0.0306	0.00000327	1.89	2.38	0.018	0.000428	16.3	0.00138	0.101	0.0000814	0.000196	0.000101	0.0851	0.00000209	0.000301	0.0002	0.000904	0.0003
2062 Jun	0.000198	0.000119	0.00079	0.0304	0.00000328	1.89	2.37	0.018	0.000435	16.2	0.00138	0.0994	0.0000809	0.000196	0.000102	0.0853	0.0000021	0.000303	0.0002	0.000901	0.000301
2062 Jul	0.0002	0.000119	0.000789	0.0304	0.00000329	1.91	2.38	0.018	0.000444	16.1	0.00138	0.0982	0.0000807	0.000197	0.000102	0.0858	0.00000212	0.000307	0.0002	0.0009	0.000304
2062 Aug	0.0002	0.000119	0.000789	0.0304	0.00000329	1.91	2.38	0.018	0.000444	16.1	0.00138	0.0982	0.0000807	0.000197	0.000102	0.0858	0.00000212	0.000307	0.0002	0.000901	0.000304
2062 Sep	0.0002	0.000119	0.000789	0.0304	0.0000033	1.91	2.38	0.018	0.000447	16.1	0.00138	0.0978	0.0000806	0.000198	0.000102	0.086	0.00000213	0.000307	0.0002	0.0009	0.000305
2062 Oct	0.000202	0.000119	0.000786	0.0303	0.00000331	1.92	2.39	0.0181	0.000458	16	0.00138	0.0963	0.0000802	0.000199	0.000103	0.0865	0.00000215	0.000311	0.000199	0.000897	0.000308
2062 Nov	0.000202	0.000119	0.000786	0.0303	0.00000331	1.92	2.39	0.0181	0.000459	16	0.00138	0.0963	0.0000802	0.000199	0.000103	0.0865	0.00000215	0.000311	0.000199	0.000897	0.000308
2062 Dec	0.000202	0.000119	0.000786	0.0303	0.00000331	1.92	2.39	0.0181	0.000459	16	0.00138	0.0963	0.0000802	0.000199	0.000103	0.0865	0.00000215	0.000311	0.000199	0.000897	0.000308
2063 Jan	0.000202	0.000119	0.000786	0.0303	0.00000331	1.92	2.39	0.0181	0.000459	16	0.00138	0.0963	0.0000802	0.000199	0.000103	0.0865	0.00000215	0.000311	0.000199	0.000897	0.000308
2063 Feb	0.000202	0.000119	0.000786	0.0303	0.00000331	1.92	2.39	0.0181	0.000459	16	0.00138	0.0963	0.0000802	0.000199	0.000103	0.0865	0.00000215	0.000311	0.000199	0.000897	0.000308
2063 Mar	0.000202	0.000119	0.000786	0.0303	0.00000331	1.92	2.39	0.0181	0.000459	16	0.00138	0.0963	0.0000802	0.000199	0.000103	0.0865	0.00000215	0.000311	0.000199	0.000897	0.000308
2063 Apr	0.000202	0.000119	0.000787	0.0303	0.00000331	1.92	2.39	0.0181	0.000459	16	0.00138	0.0963	0.0000802	0.000199	0.000103	0.0865	0.00000215	0.000311	0.000199	0.000897	0.000308
2063 May	0.000202	0.000119	0.000787	0.0303	0.00000331	1.93	2.39	0.0181	0.000459	16	0.00138	0.0962	0.0000804	0.000199	0.000103	0.0866	0.00000215	0.000312	0.000199	0.000897	0.000309
2063 Jun	0.000206	0.000119	0.00078	0.0303	0.00000333	1.96	2.41	0.0184	0.000485	15.9	0.00139	0.0925	0.0000808	0.000202	0.000105	0.088	0.0000022	0.00032	0.0002	0.000892	0.000316
2063 Jul	0.000208	0.000119	0.00078	0.0303	0.00000335	1.98	2.42	0.0185	0.000495	15.8	0.00139	0.0916	0.0000807	0.000203	0.000105	0.0886	0.00000223	0.000323	0.0002	0.000892	0.00032
2063 Aug	0.000208	0.000119	0.000782	0.0304	0.00000336	1.98	2.43	0.0185	0.000496	15.9	0.00139	0.0918	0.0000809	0.000203	0.000106	0.0888	0.00000223	0.000324	0.000201	0.000894	0.00032
2063 Sep	0.000208	0.000119	0.000782	0.0304	0.00000336	1.98	2.43	0.0185	0.000496	15.9	0.00139	0.0918	0.0000809	0.000203	0.000106	0.0888	0.00000223	0.000324	0.000201	0.000894	0.00032
2063 Oct	0.000208	0.000119	0.000782	0.0304	0.00000336	1.98	2.43	0.0185	0.000496	15.9	0.00139	0.0917	0.0000808	0.000203	0.000106	0.0888	0.00000223	0.000324	0.0002	0.000894	0.00032
2063 Nov	0.000208	0.000119	0.000782	0.0304	0.00000336	1.98	2.43	0.0185	0.000496	15.9	0.00139	0.0917	0.0000808	0.000203	0.000106	0.0888	0.00000223	0.000324	0.0002	0.000894	0.00032
2063 Dec	0.000208	0.000119	0.000782	0.0304	0.00000336	1.98	2.43	0.0185	0.000496	15.9	0.00139	0.0917	0.0000808	0.000203	0.000106	0.0888	0.00000223	0.000324	0.0002	0.000894	0.00032
2064 Jan	0.000208	0.000119	0.000782	0.0304	0.00000336	1.98	2.43	0.0185	0.000496	15.9	0.00139	0.0917	0.0000808	0.000203	0.000106	0.0888	0.00000223	0.000324	0.0002	0.000894	0.00032
2064 Feb	0.000208	0.000119	0.000782	0.0304	0.00000336	1.98	2.43	0.0185	0.000496	15.9	0.00139	0.0917	0.0000808	0.000203	0.000106	0.0888	0.00000223	0.000324	0.0002	0.000894	0.00032
2064 Mar	0.000208	0.000119	0.000782	0.0304	0.00000336	1.98	2.43	0.0185	0.000496	15.9	0.00139	0.0917	0.0000808	0.000203	0.000106	0.0888	0.00000223	0.000324	0.0002	0.000894	0.00032
2064 Apr	0.000208	0.000119	0.000782	0.0304	0.00000336	1.98	2.43	0.0185	0.000497	15.9	0.00139	0.0917	0.0000808	0.000203	0.000106	0.0888	0.00000223	0.000324	0.0002	0.000894	0.00032
2064 May	0.000209	0.00012	0.000781	0.0304	0.00000336	1.98	2.43	0.0186	0.000499	15.8	0.00139	0.0914	0.0000811	0.000204	0.000106	0.0889	0.00000224	0.000325	0.000201	0.000893	0.000321
2064 Jun	0.000212	0.00012	0.000778	0.0305	0.00000338	2.01	2.45	0.0189	0.000521	15.7	0.0014	0.0887	0.0000817	0.000206	0.000107	0.0902	0.00000229	0.000332	0.000202	0.00089	0.000328
2064 Jul	0.000213	0.00012	0.000779	0.0305	0.00000339	2.02	2.45	0.0189	0.000523	15.7	0.0014	0.0887	0.0000818	0.000207	0.000108	0.0904	0.00000229	0.000333	0.000202	0.000891	0.000329
2064 Aug	0.000213	0.00012	0.00078	0.0306	0.0000034	2.02	2.46	0.0189	0.000524	15.7	0.0014	0.0887	0.0000819	0.000207	0.000108	0.0905	0.00000229	0.000333	0.000202	0.000892	0.000329
2064 Sep	0.000213	0.00012	0.000778	0.0305	0.0000034	2.02	2.45	0.0189	0.000525	15.7	0.0014	0.0884	0.0000817	0.000207	0.000108	0.0905	0.0000023	0.000333	0.000202	0.000891	0.000329
2064 Oct	0.000213	0.00012	0.000778	0.0305	0.0000034	2.02	2.46	0.0189	0.000527	15.7	0.0014	0.0883	0.0000817	0.000207	0.000108	0.0906	0.0000023	0.000334	0.000202	0.000891	0.000329
2064 Nov	0.000214	0.00012	0.000779	0.0305	0.0000034	2.02	2.46	0.0189	0.000527	15.7	0.0014	0.0883	0.0000817	0.000207	0.000108	0.0906	0.0000023	0.000334	0.000202	0.000891	0.000329
2064 Dec	0.000214	0.00012	0.000779	0.0306	0.0000034	2.02	2.46	0.0189	0.000527	15.7	0.0014	0.0883	0.0000817	0.000207	0.000108	0.0906	0.0000023	0.000334	0.000202	0.000891	0.000329
2065 Jan	0.000214	0.00012	0.000779	0.0306	0.0000034	2.02	2.46	0.0189	0.000527	15.7	0.0014	0.0883	0.0000817	0.000207	0.000108	0.0906	0.0000023	0.000334	0.000202	0.000891	0.000329
2065 Feb	0.000214	0.00012	0.000779	0.0306	0.0000034	2.02	2.46	0.0189	0.000527	15.7	0.0014	0.0883	0.0000817	0.000207	0.000108	0.0906	0.0000023	0.000334	0.000202	0.000891	0.000329
2065 Mar	0.000214	0.00012	0.000779	0.0306	0.0000034	2.02	2.46	0.0189	0.000527	15.7	0.0014	0.0883	0.0000817	0.000207	0.000108	0.0906	0.0000023	0.000334	0.000202	0.000891	0.000329
2065 Apr	0.000214	0.00012	0.000779	0.0306	0.0000034	2.02	2.46	0.0189	0.000527	15.7	0.0014	0.0883	0.0000817	0.000207	0.000108	0.0906	0.0000023	0.000334	0.000202	0.000891	0.00033
2065 May	0.000214	0.00012	0.000779	0.0306	0.0000034	2.02	2.46	0.019	0.000527	15.7	0.0014	0.0882	0.000082	0.000207	0.000108	0.0906	0.0000023	0.000334	0.000202	0.000891	0.000329
2065 Jun	0.000216	0.00012	0.000775	0.0306	0.00000342	2.04	2.47	0.0191	0.000543	15.6	0.0014	0.0863	0.0000823	0.000209	0.000109	0.0915	0.00000234	0.000339	0.000203	0.000889	0.000334
2065 Jul	0.000218	0.000121	0.000777	0.0307	0.00000344	2.06	2.48	0.0192	0.000549	15.6	0.00141	0.0861	0.0000825	0.00021	0.000109	0.092	0.00000235	0.000342	0.000204	0.000891	0.000337
2065 Aug	0.000218	0.000121	0.000779	0.0308	0.00000344	2.06	2.49	0.0193	0.000551	15.7	0.00141	0.0863	0.0000827	0.00021	0.00011	0.0922	0.00000236	0.000342	0.000204	0.000893	0.000338
2065 Sep	0.000218	0.000121	0.000778	0.0308	0.00000344	2.06	2.48	0.0193	0.00055	15.6	0.00141	0.0862	0.0000826	0.00021	0.000109	0.0921	0.00000235	0.000342	0.000204	0.000892	0.000337
2065 Oct	0.000218	0.00012	0.000776	0.0307	0.00000344	2.07	2.48	0.0193	0.000557	15.6	0.00141	0.0852	0.0000822	0.00021	0.00011	0.0923	0.00000237	0.000343	0.000203	0.000889	0.000339
2065 Nov	0.000219	0.00012	0.000775	0.0307	0.00000345	2.07	2.49	0.0193	0.000559	15.6	0.00141	0.085	0.0000822	0.000211	0.00011	0.0924	0.00000237	0.000344	0.000203	0.000889	0.000339
2065 Dec	0.000219	0.00012	0.000775	0.0307	0.00000345	2.07	2.49	0.0193	0.000559	15.6	0.00141	0.085	0.0000822	0.000211	0.00011	0.0924	0.00000237	0.000344	0.000203	0.000889	0.000339

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2066 Jan	0.000219	0.00012	0.000775	0.0307	0.00000345	2.07	2.49	0.0193	0.000559	15.6	0.00141	0.085	0.0000822	0.000211	0.00011	0.0924	0.00000237	0.000344	0.000203	0.000889	0.000339
2066 Feb	0.000219	0.00012	0.000775	0.0307	0.00000345	2.07	2.49	0.0193	0.000559	15.6	0.00141	0.085	0.0000822	0.000211	0.00011	0.0924	0.00000237	0.000344	0.000203	0.000889	0.000339
2066 Mar	0.000219	0.00012	0.000776	0.0307	0.00000345	2.07	2.49	0.0193	0.000559	15.6	0.00141	0.085	0.0000822	0.000211	0.00011	0.0924	0.00000237	0.000344	0.000203	0.000889	0.000339
2066 Apr	0.000219	0.00012	0.000776	0.0307	0.00000345	2.07	2.49	0.0193	0.000559	15.6	0.00141	0.085	0.0000822	0.000211	0.00011	0.0925	0.00000237	0.000344	0.000203	0.000889	0.00034
2066 May	0.000219	0.000121	0.000776	0.0307	0.00000345	2.07	2.49	0.0193	0.000559	15.6	0.00141	0.085	0.0000823	0.000211	0.00011	0.0925	0.00000237	0.000344	0.000203	0.000889	0.00034
2066 Jun	0.000222	0.000121	0.000772	0.0307	0.00000347	2.09	2.5	0.0195	0.000577	15.5	0.00141	0.083	0.0000824	0.000213	0.000111	0.0934	0.00000241	0.00035	0.000204	0.000887	0.000345
2066 Jul	0.000223	0.000121	0.000774	0.0308	0.00000349	2.11	2.51	0.0196	0.000585	15.5	0.00142	0.0827	0.0000826	0.000214	0.000112	0.0941	0.00000244	0.000353	0.000204	0.000889	0.000348
2066 Aug	0.000224	0.000121	0.000776	0.0309	0.0000035	2.11	2.52	0.0196	0.000587	15.5	0.00142	0.0829	0.0000827	0.000215	0.000112	0.0942	0.00000244	0.000354	0.000205	0.000891	0.000349
2066 Sep	0.000224	0.000121	0.000776	0.0309	0.0000035	2.11	2.52	0.0196	0.000587	15.5	0.00142	0.0829	0.0000827	0.000215	0.000112	0.0943	0.00000244	0.000354	0.000205	0.000892	0.000349
2066 Oct	0.000224	0.000121	0.000776	0.0309	0.0000035	2.11	2.52	0.0196	0.000586	15.5	0.00142	0.0828	0.0000827	0.000214	0.000112	0.0942	0.00000244	0.000353	0.000205	0.000891	0.000349
2066 Nov	0.000224	0.000121	0.000775	0.0309	0.0000035	2.11	2.52	0.0196	0.000586	15.5	0.00142	0.0828	0.0000826	0.000214	0.000112	0.0942	0.00000244	0.000353	0.000205	0.000891	0.000349
2066 Dec	0.000224	0.000121	0.000775	0.0309	0.0000035	2.11	2.52	0.0196	0.000586	15.5	0.00142	0.0828	0.0000826	0.000214	0.000112	0.0942	0.00000244	0.000353	0.000205	0.000891	0.000349
2067 Jan	0.000224	0.000121	0.000775	0.0309	0.0000035	2.11	2.52	0.0196	0.000586	15.5	0.00142	0.0828	0.0000826	0.000214	0.000112	0.0942	0.00000244	0.000353	0.000205	0.000891	0.000349
2067 Feb	0.000224	0.000121	0.000776	0.0309	0.0000035	2.11	2.52	0.0196	0.000586	15.5	0.00142	0.0828	0.0000827	0.000214	0.000112	0.0942	0.00000244	0.000353	0.000205	0.000891	0.000349
2067 Mar	0.000224	0.000121	0.000776	0.0309	0.0000035	2.11	2.52	0.0196	0.000586	15.5	0.00142	0.0828	0.0000827	0.000214	0.000112	0.0942	0.00000244	0.000353	0.000205	0.000891	0.000349
2067 Apr	0.000224	0.000121	0.000776	0.0309	0.0000035	2.11	2.52	0.0196	0.000586	15.5	0.00142	0.0828	0.0000827	0.000214	0.000112	0.0942	0.00000244	0.000353	0.000205	0.000891	0.000349
2067 May	0.000224	0.000121	0.000776	0.0309	0.0000035	2.11	2.52	0.0196	0.000586	15.5	0.00142	0.0828	0.0000829	0.000214	0.000112	0.0942	0.00000244	0.000353	0.000205	0.000891	0.000349
2067 Jun	0.000225	0.000121	0.000773	0.031	0.0000035	2.12	2.52	0.0197	0.000593	15.4	0.00142	0.0816	0.0000833	0.000215	0.000112	0.0945	0.00000245	0.000355	0.000205	0.000888	0.00035
2067 Jul	0.000225	0.000122	0.000775	0.0311	0.00000352	2.12	2.53	0.0198	0.000596	15.4	0.00142	0.0817	0.0000835	0.000216	0.000113	0.0948	0.00000246	0.000356	0.000206	0.000891	0.000352
2067 Aug	0.000226	0.000122	0.000776	0.0311	0.00000352	2.13	2.53	0.0198	0.000597	15.5	0.00142	0.0818	0.0000836	0.000216	0.000113	0.0949	0.00000247	0.000357	0.000206	0.000892	0.000352
2067 Sep	0.000226	0.000122	0.000776	0.0311	0.00000353	2.13	2.53	0.0198	0.000597	15.5	0.00142	0.0818	0.0000836	0.000216	0.000113	0.095	0.00000247	0.000357	0.000206	0.000893	0.000352
2067 Oct	0.000225	0.000122	0.000774	0.0311	0.00000352	2.12	2.53	0.0198	0.000596	15.4	0.00142	0.0816	0.0000834	0.000215	0.000113	0.0947	0.00000246	0.000356	0.000206	0.000891	0.000351
2067 Nov	0.000225	0.000121	0.000774	0.0311	0.00000352	2.12	2.52	0.0198	0.000595	15.4	0.00142	0.0815	0.0000834	0.000215	0.000112	0.0947	0.00000246	0.000356	0.000206	0.00089	0.000351
2067 Dec	0.000225	0.000121	0.000774	0.0311	0.00000352	2.12	2.52	0.0198	0.000595	15.4	0.00142	0.0815	0.0000834	0.000215	0.000112	0.0947	0.00000246	0.000356	0.000206	0.00089	0.000351
2068 Jan	0.000225	0.000121	0.000774	0.0311	0.00000352	2.12	2.52	0.0198	0.000595	15.4	0.00142	0.0815	0.0000834	0.000215	0.000112	0.0947	0.00000246	0.000356	0.000206	0.00089	0.000351
2068 Feb	0.000225	0.000121	0.000774	0.0311	0.00000352	2.12	2.52	0.0198	0.000595	15.4	0.00142	0.0815	0.0000834	0.000215	0.000112	0.0947	0.00000246	0.000356	0.000206	0.00089	0.000351
2068 Mar	0.000225	0.000121	0.000774	0.0311	0.00000352	2.12	2.52	0.0198	0.000595	15.4	0.00142	0.0815	0.0000834	0.000215	0.000112	0.0947	0.00000246	0.000356	0.000206	0.00089	0.000351
2068 Apr	0.000225	0.000121	0.000774	0.0311	0.00000352	2.12	2.53	0.0198	0.000596	15.4	0.00142	0.0816	0.0000834	0.000215	0.000113	0.0947	0.00000246	0.000356	0.000206	0.00089	0.000351
2068 May	0.000226	0.000122	0.000774	0.0311	0.00000352	2.12	2.53	0.0198	0.000597	15.4	0.00142	0.0815	0.0000837	0.000215	0.000113	0.0948	0.00000246	0.000356	0.000206	0.000891	0.000351
2068 Jun	0.00023	0.000122	0.00077	0.0312	0.00000355	2.16	2.55	0.0201	0.000626	15.2	0.00142	0.0786	0.0000842	0.000218	0.000114	0.0963	0.00000253	0.000364	0.000207	0.000887	0.00036
2068 Jul	0.000231	0.000122	0.000771	0.0312	0.00000356	2.17	2.56	0.0202	0.00063	15.3	0.00143	0.0785	0.0000843	0.000219	0.000115	0.0967	0.00000254	0.000366	0.000208	0.000888	0.000362
2068 Aug	0.000231	0.000122	0.000773	0.0313	0.00000357	2.17	2.56	0.0203	0.000632	15.3	0.00143	0.0786	0.0000846	0.00022	0.000115	0.0969	0.00000255	0.000367	0.000208	0.00089	0.000363
2068 Sep	0.000231	0.000122	0.000773	0.0313	0.00000357	2.17	2.56	0.0203	0.000632	15.3	0.00143	0.0786	0.0000846	0.00022	0.000115	0.0969	0.00000255	0.000367	0.000208	0.00089	0.000363
2068 Oct	0.000231	0.000123	0.000773	0.0314	0.00000358	2.17	2.56	0.0203	0.000632	15.3	0.00143	0.0786	0.0000846	0.00022	0.000115	0.0969	0.00000255	0.000367	0.000208	0.000891	0.000363
2068 Nov	0.000231	0.000123	0.000773	0.0314	0.00000358	2.17	2.56	0.0203	0.000632	15.3	0.00143	0.0787	0.0000846	0.00022	0.000115	0.0969	0.00000255	0.000367	0.000208	0.000891	0.000363
2068 Dec	0.000231	0.000123	0.000773	0.0314	0.00000358	2.17	2.56	0.0203	0.000632	15.3	0.00143	0.0787	0.0000846	0.00022	0.000115	0.0969	0.00000255	0.000367	0.000208	0.000891	0.000363
2069 Jan	0.000231	0.000123	0.000773	0.0314	0.00000358	2.17	2.56	0.0203	0.000632	15.3	0.00143	0.0787	0.0000846	0.00022	0.000115	0.097	0.00000255	0.000367	0.000208	0.000891	0.000363
2069 Feb	0.000231	0.000123	0.000773	0.0314	0.00000358	2.17	2.56	0.0203	0.000632	15.3	0.00143	0.0787	0.0000846	0.00022	0.000115	0.097	0.00000255	0.000367	0.000208	0.000891	0.000363
2069 Mar	0.000231	0.000123	0.000773	0.0314	0.00000358	2.17	2.56	0.0203	0.000632	15.3	0.00143	0.0787	0.0000846	0.00022	0.000115	0.097	0.00000255	0.000367	0.000208	0.000891	0.000363
2069 Apr	0.000231	0.000123	0.000773	0.0314	0.00000358	2.18	2.56	0.0203	0.000632	15.3	0.00143	0.0787	0.0000846	0.00022	0.000115	0.097	0.00000255	0.000367	0.000208	0.000891	0.000363
2069 May	0.000232	0.000123	0.000774	0.0314	0.00000358	2.18	2.57	0.0203	0.000633	15.3	0.00143	0.0787	0.0000847	0.00022	0.000115	0.097	0.00000255	0.000367	0.000208	0.000892	0.000363
2069 Jun	0.000232	0.000122	0.00077	0.0314	0.00000358	2.18	2.57	0.0203	0.000639	15.2	0.00143	0.0777	0.0000846	0.00022	0.000115	0.0972	0.00000256	0.000369	0.000208	0.000889	0.000365
2069 Jul	0.000234	0.000123	0.000771	0.0314	0.0000036	2.19	2.58	0.0204	0.000645	15.2	0.00143	0.0774	0.0000848	0.000221	0.000116	0.0977	0.00000258	0.000371	0.000209	0.000891	0.000367
2069 Aug	0.000234	0.000123	0.000773	0.0315	0.00000361	2.2	2.58	0.0204	0.000646	15.2	0.00144	0.0775	0.0000849	0.000222	0.000116	0.0978	0.00000258	0.000371	0.000209	0.000892	0.000368
2069 Sep	0.000234	0.000123	0.000772	0.0315	0.00000361	2.2	2.58	0.0204	0.000648	15.2	0.00143	0.0773	0.0000848	0.000222	0.000116	0.0978	0.00000259	0.000372	0.000209	0.000891	0.000368
2069 Oct	0.000235	0.000123	0.00077	0.0314	0.00000361	2.21	2.58	0.0205	0.000656	15.2	0.00143	0.0764	0.0000845	0.000222	0.000117	0.0982	0.00000261	0.000374	0.000209	0.000889	0.000371
2069 Nov	0.000235	0.000123	0.00077	0.0314	0.00000361	2.21	2.58	0.0205	0.000658	15.2	0.00144	0.0763	0.0000845	0.000223	0.000117	0.0983	0.00000261	0.000374	0.000209	0.000889	0.000371
2069 Dec	0.000235	0.000123	0.00077	0.0314	0.00000361	2.21	2.58	0.0205	0.000658	15.2	0.00144	0.0763	0.0000845	0.000223	0.000117	0.0983	0.00000261	0.000374	0.000209	0.000889	0.000371
2070 Jan	0.000235	0.000123	0.00077	0.0314	0.00000361	2.21	2.58	0.0205	0.000658	15.2	0.00144	0.0763	0.0000845	0.000223	0.000117	0.0983	0.00000261	0.000374	0.000209	0.000889	0.000371
2070 Feb	0.000235	0.000123	0.00077	0.0314	0.00000361	2.21	2.58	0.0205	0.000658	15.2	0.00144	0.0763	0.0000845	0.000223	0.000117	0.0983	0.00000261	0.000374	0.000209	0.000889	0.000371
2070 Mar	0.000235	0.000123	0.00077	0.0314	0.00000361	2.21	2.58	0.0205	0.000658	15.2	0.00144	0.0763	0.0000845	0.000223	0.000117	0.0983	0.00000261	0.000374	0.000209	0.000889	0.000371
2070 Apr	0.000235	0.000123	0.00077	0.0314	0.00000362	2.21	2.59	0.0205	0.000658	15.2	0.00144	0.0763	0.0000845	0.000223	0.000117	0.0983	0.00000261	0.000374	0.000209	0.000889	0.000371
2070 May	0.000236	0.000123	0.00077	0.0315	0.00000362	2.21	2.59	0.0205	0.000659	15.2	0.00144	0.0762	0.0000848	0.000223	0.000117	0.0984	0.00000261	0.000375	0.000209	0.00089	0.000372
2070 Jun	0.000238	0.000123	0.000768	0.0316	0.00000364	2.23	2.6	0.0207	0.000673	15.1	0.00144	0.075	0.0000854	0.000224	0.000118	0.0991	0.00000265	0.000378	0.00021	0.000889	0.000376
2070 Jul	0.000238	0.000123	0.00077	0.0317	0.00000364	2.23	2.61	0.0208	0.000675	15.1	0.00144	0.0751	0.0000856	0.000225	0.000118	0.0994	0.00000265	0.000379	0.000211	0.00089	0.000377
2070 Aug	0.000239	0.000124	0.000771	0.0317	0.00000365	2.24	2.61	0.0208	0.000676	15.1	0.00144	0.0752	0.0000857	0.000225	0.000118	0.0995	0.00000266	0.00038	0.000211	0.000892	0.000378
2070 Sep	0.000239	0.000123	0.00077	0.0317	0.00000365	2.23	2.61	0.0208	0.000676	15.1	0.00144	0.075	0.0000856	0.000225	0.000118	0.0994	0.00000266	0.00038	0.000211	0.000891	0.000377
2070 Oct	0.000239	0.000123	0.000769	0.0317	0.00000365	2.24	2.61	0.0208	0.000681	15.1	0.00144	0.0746	0.0000854	0.000225	0.000118	0.0996	0.00000267	0.000381	0.00021	0.00089	0.000379
2070 Nov	0.000239	0.000123	0.000769	0.0317	0.00000366	2.24	2.61	0.0208	0.000682	15.1	0.00144	0.0745	0.0000854	0.000225	0.000119	0.0997	0.00000267	0.000381	0.00021	0.00089	0.000379
2070 Dec	0.000239	0.000123	0.000769	0.0317	0.00000366	2.24	2.61	0.0208	0.000682	15.1	0.00144	0.0745	0.0000854	0.000225	0.000119	0.0997	0.00000267	0.000381	0.00021	0.00089	0.000379
2071 Jan	0.000239	0.000123	0.000769	0.0317	0.00000366	2.24	2.61	0.0208	0.000682	15.1	0.00144	0.0745	0.0000854	0.000225	0.000119	0.0997	0.00000267	0.000381	0.00021	0.00089	0.000379
2071 Feb	0.000239	0.000123	0.000769	0.0317	0.00000366	2.24	2.61	0.0208	0.000682	15.1	0.00144	0.0745	0.0000854	0.000225	0.000119	0.0997	0.00000267	0.000381	0.00021	0.00089	0.000379
2071 Mar	0.000239	0.000123	0.000769	0.0317	0.00000366	2.24	2.61	0.0208	0.000682	15.1	0.00144	0.0745	0.0000854	0.000225	0.000119	0.0997	0.00000267	0.000381	0.00021	0.00089	0.000379
2071 Apr	0.000239	0.000123	0.000769	0.0317	0.00000366	2.24	2.61	0.0208	0.000682	15.1	0.00144	0.0745	0.0000854	0.000225	0.000119	0.0997	0.00000267	0.000381	0.000211	0.00089	0.000379
2071 May	0.00024	0.000124	0.000769	0.0317	0.00000366	2.24	2.61	0.0209	0.000684	15.1	0.00144	0.0743	0.0000857	0.000226	0.000119	0.0998	0.00000267	0.000382	0.000211	0.00089	0.00038

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2071 Jun	0.000243	0.000124	0.000767	0.0318	0.00000368	2.27	2.63	0.0211	0.000706	14.9	0.00145	0.0725	0.0000863	0.000228	0.00012	0.101	0.00000273	0.000387	0.000212	0.000888	0.000386
2071 Jul	0.000244	0.000124	0.000768	0.0319	0.0000037	2.28	2.64	0.0212	0.000712	15	0.00145	0.0723	0.0000864	0.000229	0.000121	0.101	0.00000274	0.00039	0.000212	0.000889	0.000389
2071 Aug	0.000245	0.000124	0.000769	0.032	0.0000037	2.29	2.65	0.0213	0.000713	15	0.00145	0.0724	0.0000866	0.000229	0.000121	0.102	0.00000275	0.00039	0.000213	0.000891	0.00039
2071 Sep	0.000244	0.000124	0.000769	0.032	0.0000037	2.28	2.64	0.0213	0.000713	15	0.00145	0.0724	0.0000865	0.000229	0.000121	0.102	0.00000275	0.00039	0.000213	0.000891	0.000389
2071 Oct	0.000244	0.000124	0.000768	0.0319	0.0000037	2.29	2.64	0.0213	0.000715	15	0.00145	0.0722	0.0000864	0.000229	0.000121	0.102	0.00000275	0.00039	0.000212	0.00089	0.00039
2071 Nov	0.000245	0.000124	0.000768	0.0319	0.0000037	2.29	2.64	0.0213	0.000716	14.9	0.00145	0.0721	0.0000864	0.000229	0.000121	0.102	0.00000275	0.000391	0.000212	0.00089	0.00039
2071 Dec	0.000245	0.000124	0.000768	0.0319	0.0000037	2.29	2.64	0.0213	0.000716	14.9	0.00145	0.0721	0.0000864	0.000229	0.000121	0.102	0.00000275	0.000391	0.000212	0.00089	0.00039
2072 Jan	0.000245	0.000124	0.000768	0.0319	0.0000037	2.29	2.64	0.0213	0.000716	14.9	0.00145	0.0721	0.0000864	0.000229	0.000121	0.102	0.00000275	0.000391	0.000212	0.00089	0.00039
2072 Feb	0.000245	0.000124	0.000768	0.0319	0.0000037	2.29	2.64	0.0213	0.000716	14.9	0.00145	0.0721	0.0000864	0.000229	0.000121	0.102	0.00000275	0.000391	0.000212	0.00089	0.00039
2072 Mar	0.000245	0.000124	0.000768	0.0319	0.0000037	2.29	2.64	0.0213	0.000716	14.9	0.00145	0.0721	0.0000864	0.000229	0.000121	0.102	0.00000275	0.000391	0.000212	0.00089	0.00039
2072 Apr	0.000245	0.000124	0.000768	0.0319	0.00000371	2.29	2.64	0.0213	0.000716	14.9	0.00145	0.0721	0.0000864	0.000229	0.000121	0.102	0.00000275	0.000391	0.000212	0.00089	0.00039
2072 May	0.000245	0.000124	0.000768	0.032	0.00000371	2.29	2.65	0.0213	0.000716	15	0.00145	0.0721	0.0000864	0.000229	0.000121	0.102	0.00000275	0.000391	0.000213	0.00089	0.00039
2072 Jun	0.000246	0.000124	0.000767	0.032	0.00000372	2.3	2.65	0.0213	0.000723	14.9	0.00145	0.0715	0.0000863	0.00023	0.000121	0.102	0.00000277	0.000392	0.000213	0.00089	0.000392
2072 Jul	0.000246	0.000124	0.000767	0.032	0.00000373	2.3	2.65	0.0214	0.000727	14.9	0.00146	0.0713	0.0000864	0.00023	0.000122	0.102	0.00000278	0.000394	0.000213	0.000891	0.000394
2072 Aug	0.000247	0.000124	0.000767	0.032	0.00000374	2.31	2.66	0.0214	0.000734	14.9	0.00146	0.0709	0.0000864	0.000231	0.000122	0.103	0.0000028	0.000396	0.000213	0.000891	0.000396
2072 Sep	0.000249	0.000124	0.000767	0.032	0.00000375	2.32	2.67	0.0215	0.000742	14.9	0.00146	0.0704	0.0000863	0.000232	0.000123	0.103	0.00000282	0.000398	0.000213	0.000891	0.000399
2072 Oct	0.00025	0.000124	0.000766	0.032	0.00000376	2.33	2.68	0.0216	0.000751	14.8	0.00146	0.0697	0.0000862	0.000233	0.000123	0.103	0.00000284	0.0004	0.000213	0.00089	0.000402
2072 Nov	0.00025	0.000124	0.000766	0.032	0.00000376	2.33	2.68	0.0216	0.000753	14.8	0.00146	0.0696	0.0000862	0.000233	0.000123	0.104	0.00000285	0.000401	0.000213	0.00089	0.000402
2072 Dec	0.00025	0.000124	0.000766	0.032	0.00000376	2.33	2.68	0.0216	0.000753	14.8	0.00146	0.0696	0.0000862	0.000233	0.000123	0.104	0.00000285	0.000401	0.000213	0.00089	0.000402
2073 Jan	0.00025	0.000124	0.000766	0.032	0.00000376	2.33	2.68	0.0216	0.000753	14.8	0.00146	0.0696	0.0000862	0.000233	0.000123	0.104	0.00000285	0.000401	0.000213	0.00089	0.000402
2073 Feb	0.00025	0.000124	0.000766	0.032	0.00000376	2.33	2.68	0.0216	0.000753	14.8	0.00146	0.0696	0.0000862	0.000233	0.000123	0.104	0.00000285	0.000401	0.000213	0.00089	0.000402
2073 Mar	0.00025	0.000124	0.000766	0.032	0.00000376	2.33	2.68	0.0216	0.000753	14.8	0.00146	0.0696	0.0000862	0.000233	0.000123	0.104	0.00000285	0.000401	0.000213	0.00089	0.000402
2073 Apr	0.00025	0.000124	0.000766	0.032	0.00000376	2.34	2.68	0.0216	0.000753	14.8	0.00146	0.0696	0.0000862	0.000233	0.000123	0.104	0.00000285	0.000401	0.000213	0.00089	0.000403
2073 May	0.000251	0.000125	0.000766	0.0321	0.00000376	2.34	2.68	0.0217	0.000756	14.8	0.00146	0.0694	0.0000866	0.000234	0.000124	0.104	0.00000285	0.000402	0.000214	0.00089	0.000403
2073 Jun	0.000253	0.000125	0.000764	0.0322	0.00000378	2.36	2.69	0.0219	0.000773	14.7	0.00147	0.0681	0.0000872	0.000235	0.000125	0.105	0.0000029	0.000406	0.000215	0.000888	0.000409
2073 Jul	0.000254	0.000125	0.000765	0.0323	0.0000038	2.37	2.7	0.022	0.000779	14.7	0.00147	0.0679	0.0000874	0.000236	0.000125	0.105	0.00000291	0.000408	0.000215	0.00089	0.000411
2073 Aug	0.000255	0.000126	0.000766	0.0323	0.0000038	2.37	2.71	0.022	0.00078	14.8	0.00147	0.068	0.0000875	0.000236	0.000125	0.105	0.00000292	0.000408	0.000216	0.000891	0.000412
2073 Sep	0.000255	0.000126	0.000766	0.0323	0.0000038	2.37	2.71	0.022	0.00078	14.7	0.00147	0.068	0.0000875	0.000236	0.000125	0.105	0.00000292	0.000408	0.000216	0.000891	0.000412
2073 Oct	0.000255	0.000125	0.000765	0.0323	0.00000381	2.38	2.71	0.022	0.000785	14.7	0.00147	0.0676	0.0000874	0.000237	0.000126	0.105	0.00000293	0.000409	0.000215	0.00089	0.000413
2073 Nov	0.000255	0.000125	0.000765	0.0323	0.00000381	2.38	2.71	0.022	0.000787	14.7	0.00147	0.0675	0.0000874	0.000237	0.000126	0.105	0.00000293	0.00041	0.000215	0.00089	0.000414
2073 Dec	0.000255	0.000125	0.000765	0.0323	0.00000381	2.38	2.71	0.022	0.000787	14.7	0.00147	0.0675	0.0000874	0.000237	0.000126	0.105	0.00000293	0.00041	0.000215	0.00089	0.000414
2074 Jan	0.000255	0.000125	0.000765	0.0323	0.00000381	2.38	2.71	0.022	0.000787	14.7	0.00147	0.0675	0.0000874	0.000237	0.000126	0.105	0.00000293	0.00041	0.000215	0.00089	0.000414
2074 Feb	0.000255	0.000125	0.000765	0.0323	0.00000381	2.38	2.71	0.022	0.000787	14.7	0.00147	0.0675	0.0000874	0.000237	0.000126	0.105	0.00000293	0.00041	0.000215	0.00089	0.000414
2074 Mar	0.000255	0.000125	0.000765	0.0323	0.00000381	2.38	2.71	0.022	0.000787	14.7	0.00147	0.0675	0.0000874	0.000237	0.000126	0.105	0.00000293	0.00041	0.000215	0.00089	0.000414
2074 Apr	0.000256	0.000126	0.000765	0.0323	0.00000381	2.38	2.71	0.0221	0.000787	14.7	0.00147	0.0675	0.0000874	0.000237	0.000126	0.105	0.00000294	0.00041	0.000215	0.00089	0.000414
2074 May	0.000256	0.000126	0.000765	0.0324	0.00000382	2.39	2.72	0.0222	0.000793	14.7	0.00147	0.0671	0.0000879	0.000238	0.000126	0.106	0.00000295	0.000411	0.000216	0.00089	0.000415
2074 Jun	0.00026	0.000126	0.000762	0.0326	0.00000385	2.42	2.74	0.0225	0.00082	14.6	0.00148	0.0653	0.0000887	0.00024	0.000128	0.107	0.00000302	0.000418	0.000218	0.000889	0.000424
2074 Jul	0.000261	0.000127	0.000764	0.0327	0.00000386	2.43	2.75	0.0226	0.000825	14.6	0.00148	0.0653	0.0000889	0.000241	0.000128	0.108	0.00000303	0.00042	0.000218	0.000891	0.000427
2074 Aug	0.000262	0.000127	0.000766	0.0327	0.00000387	2.44	2.76	0.0226	0.000827	14.6	0.00149	0.0654	0.0000892	0.000242	0.000129	0.108	0.00000304	0.000421	0.000219	0.000893	0.000428
2074 Sep	0.000262	0.000127	0.000765	0.0327	0.00000387	2.43	2.76	0.0226	0.000827	14.6	0.00149	0.0653	0.0000891	0.000242	0.000129	0.108	0.00000304	0.00042	0.000219	0.000893	0.000427
2074 Oct	0.000262	0.000127	0.000765	0.0327	0.00000387	2.43	2.75	0.0226	0.000826	14.6	0.00148	0.0653	0.0000889	0.000241	0.000128	0.108	0.00000303	0.00042	0.000218	0.000892	0.000427
2074 Nov	0.000261	0.000127	0.000764	0.0327	0.00000387	2.43	2.75	0.0226	0.000826	14.6	0.00148	0.0652	0.0000889	0.000241	0.000128	0.108	0.00000303	0.00042	0.000218	0.000891	0.000426
2074 Dec	0.000261	0.000127	0.000764	0.0327	0.00000387	2.43	2.75	0.0226	0.000826	14.6	0.00148	0.0652	0.0000889	0.000241	0.000128	0.108	0.00000303	0.00042	0.000218	0.000891	0.000426
2075 Jan	0.000261	0.000127	0.000764	0.0327	0.00000387	2.43	2.75	0.0226	0.000826	14.6	0.00148	0.0652	0.0000889	0.000241	0.000128	0.108	0.00000303	0.00042	0.000218	0.000891	0.000426
2075 Feb	0.000261	0.000127	0.000764	0.0327	0.00000387	2.43	2.75	0.0226	0.000826	14.6	0.00148	0.0652	0.0000889	0.000241	0.000128	0.108	0.00000303	0.00042	0.000218	0.000891	0.000426
2075 Mar	0.000261	0.000127	0.000764	0.0327	0.00000387	2.43	2.75	0.0226	0.000826	14.6	0.00148	0.0652	0.0000889	0.000241	0.000128	0.108	0.00000303	0.00042	0.000218	0.000891	0.000426
2075 Apr	0.000262	0.000127	0.000765	0.0327	0.00000387	2.43	2.75	0.0226	0.000826	14.6	0.00148	0.0652	0.0000889	0.000241	0.000128	0.108	0.00000303	0.00042	0.000218	0.000892	0.000427
2075 May	0.000262	0.000127	0.000765	0.0328	0.00000387	2.43	2.75	0.0226	0.000826	14.6	0.00148	0.0653	0.0000891	0.000241	0.000128	0.108	0.00000304	0.00042	0.000218	0.000892	0.000427
2075 Jun	0.000264	0.000127	0.000762	0.0327	0.00000389	2.45	2.76	0.0227	0.000844	14.5	0.00149	0.064	0.0000889	0.000243	0.000129	0.108	0.00000308	0.000424	0.000219	0.000891	0.000432
2075 Jul	0.000266	0.000127	0.000763	0.0328	0.00000391	2.47	2.78	0.0229	0.000857	14.5	0.00149	0.0634	0.000089	0.000245	0.000131	0.109	0.00000312	0.000428	0.000219	0.000892	0.000437
2075 Aug	0.000266	0.000127	0.000764	0.0329	0.00000392	2.47	2.78	0.0229	0.000859	14.5	0.00149	0.0635	0.0000891	0.000245	0.000131	0.109	0.00000312	0.000428	0.00022	0.000894	0.000438
2075 Sep	0.000266	0.000127	0.000764	0.0329	0.00000392	2.47	2.78	0.0229	0.000859	14.5	0.00149	0.0635	0.0000892	0.000245	0.000131	0.109	0.00000312	0.000428	0.00022	0.000894	0.000438
2075 Oct	0.000266	0.000127	0.000764	0.0329	0.00000392	2.47	2.78	0.0229	0.000859	14.5	0.00149	0.0635	0.0000891	0.000245	0.000131	0.109	0.00000312	0.000428	0.00022	0.000894	0.000438
2075 Nov	0.000266	0.000127	0.000764	0.0329	0.00000392	2.47	2.78	0.0229	0.000859	14.5	0.00149	0.0635	0.0000891	0.000245	0.000131	0.109	0.00000312	0.000428	0.00022	0.000894	0.000438
2075 Dec	0.000266	0.000127	0.000764	0.0329	0.00000392	2.47	2.78	0.0229	0.000859	14.5	0.00149	0.0635	0.0000891	0.000245	0.000131	0.109	0.00000312	0.000428	0.00022	0.000894	0.000438
2076 Jan	0.000266	0.000127	0.000764	0.0329	0.00000392	2.47	2.78	0.0229	0.000859	14.5	0.00149	0.0635	0.0000891	0.000245	0.000131	0.109	0.00000312	0.000428	0.00022	0.000894	0.000438
2076 Feb	0.000266	0.000127	0.000764	0.0329	0.00000392	2.47	2.78	0.0229	0.000859	14.5	0.00149	0.0635	0.0000891	0.000245	0.000131	0.109	0.00000312	0.000428	0.00022	0.000894	0.000438
2076 Mar	0.000266	0.000127	0.000764	0.0329	0.00000392	2.47	2.78	0.0229	0.000859	14.5	0.00149	0.0635	0.0000891	0.000245	0.000131	0.109	0.00000312	0.000428	0.00022	0.000894	0.000438
2076 Apr	0.000266	0.000127	0.000764	0.0329	0.00000392	2.47	2.78	0.0229	0.000859	14.5	0.00149	0.0635	0.0000892	0.000245	0.000131	0.109	0.00000312	0.000428	0.00022	0.000894	0.000438
2076 May	0.000266	0.000127	0.000764	0.0329	0.00000392	2.47	2.78	0.0229	0.000859	14.5	0.00149	0.0635	0.0000894	0.000245	0.000131	0.109	0.00000312	0.000428	0.00022	0.000894	0.000438
2076 Jun	0.000268	0.000128	0.000761	0.033	0.00000393	2.49	2.79	0.0231	0.000874	14.4	0.00149	0.0622	0.0000901	0.000246	0.000132	0.11	0.00000316	0.000431	0.000221	0.000892	0.000442
2076 Jul	0.00027	0.000128	0.000762	0.0331	0.00000395	2.5	2.8	0.0232	0.000883	14.4	0.0015	0.062	0.0000902	0.000247	0.000132	0.111	0.00000318	0.000434	0.000222	0.000894	0.000446
2076 Aug	0.00027	0.000128	0.000764	0.0332	0.00000396	2.51	2.81	0.0233	0.000885	14.4	0.0015	0.0621	0.0000904	0.000248	0.000133	0.111	0.00000319	0.000435	0.000222	0.000896	0.000447
2076 Sep	0.000271	0.000128	0.000764	0.0332	0.00000396	2.51	2.81	0.0233	0.000885	14.4	0.0015	0.0621	0.0000905	0.000248	0.000133	0.111	0.00000319	0.000435	0.000222	0.000896	0.000447
2076 Oct	0.00027	0.000128	0.000764	0.0332	0.00000396	2.51	2.81	0.0233	0.000884	14.4	0.0015	0.0621	0.0000904	0.000248	0.000132	0.111	0.00000319	0.000434	0.000222	0.000895	0.000446

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2076 Nov	0.00027	0.000128	0.000764	0.0332	0.00000396	2.51	2.81	0.0233	0.000884	14.4	0.0015	0.0621	0.0000904	0.000248	0.000132	0.111	0.00000319	0.000434	0.000222	0.000895	0.000446
2076 Dec	0.00027	0.000128	0.000764	0.0332	0.00000396	2.51	2.81	0.0233	0.000884	14.4	0.0015	0.0621	0.0000904	0.000248	0.000132	0.111	0.00000319	0.000434	0.000222	0.000895	0.000446
2077 Jan	0.00027	0.000128	0.000764	0.0332	0.00000396	2.51	2.81	0.0233	0.000884	14.4	0.0015	0.0621	0.0000904	0.000248	0.000132	0.111	0.00000319	0.000434	0.000222	0.000895	0.000446
2077 Feb	0.00027	0.000128	0.000764	0.0332	0.00000396	2.51	2.81	0.0233	0.000884	14.4	0.0015	0.0621	0.0000904	0.000248	0.000132	0.111	0.00000319	0.000434	0.000222	0.000895	0.000446
2077 Mar	0.00027	0.000128	0.000764	0.0332	0.00000396	2.51	2.81	0.0233	0.000884	14.4	0.0015	0.0621	0.0000904	0.000248	0.000132	0.111	0.00000319	0.000434	0.000222	0.000895	0.000446
2077 Apr	0.00027	0.000128	0.000764	0.0332	0.00000396	2.51	2.81	0.0233	0.000884	14.4	0.0015	0.0621	0.0000904	0.000248	0.000132	0.111	0.00000319	0.000434	0.000222	0.000895	0.000446
2077 May	0.000271	0.000128	0.000764	0.0333	0.00000396	2.51	2.81	0.0233	0.000885	14.4	0.0015	0.062	0.0000906	0.000248	0.000133	0.111	0.00000319	0.000435	0.000222	0.000896	0.000447
2077 Jun	0.000273	0.000129	0.000761	0.0334	0.00000398	2.52	2.82	0.0235	0.000901	14.3	0.0015	0.0608	0.0000911	0.000249	0.000133	0.111	0.00000323	0.000438	0.000223	0.000893	0.000452
2077 Jul	0.000273	0.000129	0.000762	0.0334	0.00000399	2.53	2.83	0.0236	0.000904	14.3	0.0015	0.0609	0.0000913	0.00025	0.000134	0.112	0.00000324	0.000439	0.000223	0.000895	0.000453
2077 Aug	0.000274	0.000129	0.000764	0.0335	0.00000399	2.53	2.83	0.0236	0.000906	14.4	0.00151	0.061	0.0000915	0.00025	0.000134	0.112	0.00000325	0.00044	0.000224	0.000897	0.000454
2077 Sep	0.000274	0.000129	0.000763	0.0335	0.00000399	2.53	2.83	0.0236	0.000906	14.3	0.00151	0.0608	0.0000913	0.00025	0.000134	0.112	0.00000325	0.000439	0.000224	0.000896	0.000454
2077 Oct	0.000274	0.000129	0.000763	0.0335	0.000004	2.54	2.83	0.0236	0.00091	14.3	0.00151	0.0606	0.0000913	0.00025	0.000134	0.112	0.00000326	0.00044	0.000224	0.000896	0.000455
2077 Nov	0.000274	0.000129	0.000763	0.0335	0.000004	2.54	2.83	0.0236	0.00091	14.3	0.00151	0.0606	0.0000913	0.00025	0.000134	0.112	0.00000326	0.00044	0.000224	0.000896	0.000455
2077 Dec	0.000274	0.000129	0.000763	0.0335	0.000004	2.54	2.83	0.0236	0.00091	14.3	0.00151	0.0606	0.0000913	0.00025	0.000134	0.112	0.00000326	0.00044	0.000224	0.000896	0.000455
2078 Jan	0.000274	0.000129	0.000763	0.0335	0.000004	2.54	2.83	0.0236	0.00091	14.3	0.00151	0.0606	0.0000913	0.00025	0.000134	0.112	0.00000326	0.00044	0.000224	0.000896	0.000455
2078 Feb	0.000274	0.000129	0.000763	0.0335	0.000004	2.54	2.83	0.0236	0.00091	14.3	0.00151	0.0606	0.0000913	0.00025	0.000134	0.112	0.00000326	0.00044	0.000224	0.000896	0.000455
2078 Mar	0.000274	0.000129	0.000763	0.0335	0.000004	2.54	2.83	0.0236	0.00091	14.3	0.00151	0.0606	0.0000913	0.00025	0.000134	0.112	0.00000326	0.00044	0.000224	0.000896	0.000455
2078 Apr	0.000274	0.000129	0.000763	0.0335	0.000004	2.54	2.83	0.0236	0.00091	14.3	0.00151	0.0606	0.0000913	0.00025	0.000134	0.112	0.00000326	0.00044	0.000224	0.000896	0.000455
2078 May	0.000275	0.000129	0.000762	0.0336	0.00000401	2.54	2.84	0.0237	0.000916	14.3	0.00151	0.0601	0.000092	0.000251	0.000135	0.112	0.00000327	0.000442	0.000225	0.000896	0.000457
2078 Jun	0.000279	0.00013	0.00076	0.0338	0.00000403	2.58	2.86	0.0241	0.000943	14.2	0.00151	0.0587	0.0000927	0.000253	0.000136	0.114	0.00000334	0.000447	0.000226	0.000895	0.000466
2078 Jul	0.000279	0.00013	0.000762	0.0339	0.00000405	2.58	2.87	0.0241	0.000946	14.2	0.00152	0.0588	0.000093	0.000254	0.000137	0.114	0.00000336	0.000449	0.000226	0.000897	0.000467
2078 Aug	0.00028	0.000131	0.000763	0.0339	0.00000405	2.59	2.87	0.0242	0.000947	14.2	0.00152	0.0589	0.0000931	0.000254	0.000137	0.114	0.00000336	0.000449	0.000227	0.000898	0.000468
2078 Sep	0.00028	0.000131	0.000763	0.0339	0.00000405	2.59	2.87	0.0242	0.000948	14.2	0.00152	0.0589	0.0000931	0.000254	0.000137	0.114	0.00000336	0.000449	0.000227	0.000898	0.000468
2078 Oct	0.00028	0.000131	0.000763	0.0339	0.00000405	2.59	2.87	0.0242	0.000947	14.2	0.00152	0.0588	0.0000931	0.000254	0.000137	0.114	0.00000336	0.000449	0.000227	0.000898	0.000468
2078 Nov	0.00028	0.000131	0.000763	0.0339	0.00000405	2.59	2.87	0.0242	0.000947	14.2	0.00152	0.0588	0.000093	0.000254	0.000137	0.114	0.00000336	0.000449	0.000227	0.000898	0.000468
2078 Dec	0.00028	0.000131	0.000763	0.0339	0.00000405	2.59	2.87	0.0242	0.000947	14.2	0.00152	0.0588	0.000093	0.000254	0.000137	0.114	0.00000336	0.000449	0.000227	0.000898	0.000468
2079 Jan	0.00028	0.000131	0.000763	0.0339	0.00000405	2.59	2.87	0.0242	0.000947	14.2	0.00152	0.0588	0.000093	0.000254	0.000137	0.114	0.00000336	0.000449	0.000227	0.000898	0.000468
2079 Feb	0.00028	0.000131	0.000763	0.0339	0.00000405	2.59	2.87	0.0242	0.000947	14.2	0.00152	0.0588	0.000093	0.000254	0.000137	0.114	0.00000336	0.000449	0.000227	0.000898	0.000468
2079 Mar	0.00028	0.000131	0.000763	0.0339	0.00000405	2.59	2.87	0.0242	0.000947	14.2	0.00152	0.0588	0.000093	0.000254	0.000137	0.114	0.00000336	0.000449	0.000227	0.000898	0.000468
2079 Apr	0.00028	0.000131	0.000763	0.0339	0.00000405	2.59	2.87	0.0242	0.000947	14.2	0.00152	0.0588	0.0000931	0.000254	0.000137	0.114	0.00000336	0.000449	0.000227	0.000898	0.000468
2079 May	0.00028	0.000131	0.000764	0.034	0.00000406	2.59	2.88	0.0242	0.000948	14.2	0.00152	0.0589	0.0000932	0.000254	0.000137	0.114	0.00000336	0.00045	0.000227	0.000899	0.000468
2079 Jun	0.000282	0.000131	0.00076	0.034	0.00000407	2.6	2.88	0.0243	0.000965	14.1	0.00152	0.0577	0.0000933	0.000256	0.000138	0.115	0.0000034	0.000453	0.000227	0.000897	0.000473
2079 Jul	0.000283	0.000131	0.000761	0.0341	0.00000409	2.62	2.89	0.0244	0.000975	14.1	0.00152	0.0573	0.0000934	0.000257	0.000138	0.115	0.00000343	0.000455	0.000228	0.000898	0.000477
2079 Aug	0.000284	0.000131	0.000762	0.0341	0.0000041	2.62	2.9	0.0245	0.000976	14.1	0.00153	0.0574	0.0000936	0.000257	0.000139	0.115	0.00000344	0.000456	0.000228	0.0009	0.000478
2079 Sep	0.000284	0.000131	0.000762	0.0341	0.00000409	2.62	2.9	0.0245	0.000976	14.1	0.00152	0.0574	0.0000935	0.000257	0.000139	0.115	0.00000344	0.000456	0.000228	0.000899	0.000477
2079 Oct	0.000284	0.000131	0.000761	0.0341	0.0000041	2.62	2.9	0.0245	0.00098	14.1	0.00152	0.0572	0.0000935	0.000257	0.000139	0.116	0.00000345	0.000456	0.000228	0.000899	0.000478
2079 Nov	0.000284	0.000131	0.000761	0.0341	0.0000041	2.62	2.9	0.0245	0.000982	14.1	0.00153	0.0571	0.0000935	0.000257	0.000139	0.116	0.00000345	0.000457	0.000228	0.000899	0.000479
2079 Dec	0.000284	0.000131	0.000761	0.0341	0.0000041	2.63	2.9	0.0245	0.000983	14.1	0.00153	0.057	0.0000935	0.000257	0.000139	0.116	0.00000345	0.000457	0.000228	0.000899	0.000479
2080 Jan	0.000284	0.000131	0.000761	0.0341	0.0000041	2.63	2.9	0.0245	0.000983	14.1	0.00153	0.057	0.0000935	0.000257	0.000139	0.116	0.00000345	0.000457	0.000228	0.000899	0.000479
2080 Feb	0.000284	0.000131	0.000761	0.0341	0.0000041	2.63	2.9	0.0245	0.000983	14.1	0.00153	0.057	0.0000935	0.000257	0.000139	0.116	0.00000345	0.000457	0.000228	0.000899	0.000479
2080 Mar	0.000284	0.000131	0.000761	0.0341	0.0000041	2.63	2.9	0.0245	0.000983	14.1	0.00153	0.057	0.0000935	0.000257	0.000139	0.116	0.00000345	0.000457	0.000228	0.000899	0.000479
2080 Apr	0.000285	0.000131	0.000761	0.0341	0.0000041	2.63	2.9	0.0245	0.000983	14.1	0.00153	0.057	0.0000935	0.000258	0.000139	0.116	0.00000345	0.000457	0.000228	0.000899	0.00048
2080 May	0.000285	0.000131	0.000762	0.0342	0.0000041	2.63	2.9	0.0245	0.000983	14.1	0.00153	0.0571	0.0000935	0.000258	0.000139	0.116	0.00000346	0.000457	0.000228	0.000899	0.00048
2080 Jun	0.000286	0.000131	0.00076	0.0342	0.00000412	2.64	2.91	0.0246	0.000994	14	0.00153	0.0564	0.0000935	0.000259	0.00014	0.116	0.00000348	0.000459	0.000229	0.000899	0.000483
2080 Jul	0.000287	0.000131	0.00076	0.0342	0.00000413	2.65	2.92	0.0247	0.001	14	0.00153	0.056	0.0000935	0.00026	0.00014	0.117	0.00000351	0.000462	0.000229	0.0009	0.000487
2080 Aug	0.000288	0.000131	0.000761	0.0343	0.00000414	2.65	2.92	0.0247	0.00101	14	0.00153	0.056	0.0000936	0.00026	0.000141	0.117	0.00000352	0.000462	0.000229	0.000901	0.000488
2080 Sep	0.000288	0.000131	0.000761	0.0343	0.00000414	2.66	2.92	0.0248	0.00101	14	0.00153	0.0559	0.0000936	0.00026	0.000141	0.117	0.00000353	0.000463	0.000229	0.000901	0.000489
2080 Oct	0.000289	0.000131	0.000761	0.0343	0.00000415	2.66	2.93	0.0248	0.00101	14	0.00153	0.0556	0.0000936	0.000261	0.000141	0.117	0.00000354	0.000464	0.000229	0.000901	0.000491
2080 Nov	0.000289	0.000131	0.000761	0.0343	0.00000415	2.67	2.93	0.0248	0.00102	14	0.00153	0.0555	0.0000936	0.000261	0.000141	0.117	0.00000355	0.000465	0.000229	0.000901	0.000491
2080 Dec	0.000289	0.000131	0.000761	0.0343	0.00000415	2.67	2.93	0.0248	0.00102	14	0.00153	0.0555	0.0000936	0.000261	0.000141	0.117	0.00000355	0.000465	0.000229	0.000901	0.000491
2081 Jan	0.000289	0.000131	0.000761	0.0343	0.00000415	2.67	2.93	0.0248	0.00102	14	0.00153	0.0555	0.0000936	0.000261	0.000141	0.117	0.00000355	0.000465	0.000229	0.000901	0.000491
2081 Feb	0.000289	0.000131	0.000761	0.0343	0.00000415	2.67	2.93	0.0248	0.00102	14	0.00153	0.0555	0.0000936	0.000261	0.000141	0.117	0.00000355	0.000465	0.000229	0.000901	0.000491
2081 Mar	0.000289	0.000131	0.000761	0.0343	0.00000415	2.67	2.93	0.0248	0.00102	14	0.00153	0.0555	0.0000936	0.000261	0.000141	0.117	0.00000355	0.000465	0.000229	0.000901	0.000491
2081 Apr	0.000289	0.000131	0.000761	0.0343	0.00000415	2.67	2.93	0.0248	0.00102	14	0.00153	0.0555	0.0000936	0.000261	0.000141	0.117	0.00000355	0.000465	0.000229	0.000901	0.000492
2081 May	0.00029	0.000132	0.000761	0.0344	0.00000416	2.67	2.93	0.0249	0.00102	14	0.00153	0.0553	0.0000941	0.000261	0.000141	0.117	0.00000356	0.000465	0.00023	0.000901	0.000493
2081 Jun	0.000292	0.000132	0.00076	0.0345	0.00000418	2.69	2.95	0.0251	0.00104	13.9	0.00154	0.0545	0.0000947	0.000263	0.000143	0.118	0.00000361	0.000469	0.000231	0.000901	0.000499
2081 Jul	0.000293	0.000133	0.000762	0.0346	0.00000419	2.7	2.96	0.0252	0.00104	14	0.00154	0.0545	0.000095	0.000264	0.000143	0.119	0.00000362	0.000471	0.000232	0.000903	0.000501
2081 Aug	0.000294	0.000133	0.000764	0.0347	0.0000042	2.71	2.97	0.0253	0.00105	14	0.00155	0.0547	0.0000952	0.000264	0.000143	0.119	0.00000363	0.000472	0.000232	0.000906	0.000502
2081 Sep	0.000294	0.000133	0.000764	0.0347	0.0000042	2.71	2.97	0.0253	0.00105	14	0.00155	0.0547	0.0000952	0.000264	0.000143	0.119	0.00000363	0.000472	0.000232	0.000906	0.000502
2081 Oct	0.000294	0.000133	0.000764	0.0347	0.0000042	2.71	2.97	0.0253	0.00105	14	0.00155	0.0547	0.0000952	0.000264	0.000143	0.119	0.00000363	0.000472	0.000232	0.000906	0.000502
2081 Nov	0.000294	0.000133	0.000763	0.0347	0.0000042	2.71	2.96	0.0253	0.00104	14	0.00155	0.0546	0.0000951	0.000264	0.000143	0.119	0.00000363	0.000471	0.000232	0.000905	0.000501
2081 Dec	0.000294	0.000133	0.000763	0.0347	0.0000042	2.7	2.96	0.0253	0.00104	14	0.00155	0.0546	0.0000951	0.000264	0.000143	0.119	0.00000363	0.000471	0.000232	0.000905	0.000501
2082 Jan	0.000294	0.000133	0.000763	0.0347	0.0000042	2.71	2.96	0.0253	0.00104	14	0.00155	0.0546	0.0000951	0.000264	0.000143	0.119	0.00000363	0.000471	0.000232	0.000905	0.000501
2082 Feb	0.000294	0.000133	0.000763	0.0347	0.0000042	2.71	2.96	0.0253	0.00104	14	0.00155	0.0546	0.0000951	0.000264	0.000143	0.119	0.00000363	0.000471	0.000232	0.000905	0.000501
2082 Mar	0.000294	0.000133	0.000763	0.0347	0.0000042	2.71	2.96	0.0253	0.00104	14	0.00155	0.0546	0.0000951	0.000264	0.000143	0.119	0.00000363	0.000471	0.000232	0.000905	0.000501

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2082 Apr	0.000294	0.000133	0.000764	0.0347	0.0000042	2.71	2.97	0.0253	0.00104	14	0.00155	0.0546	0.0000951	0.000264	0.000143	0.119	0.00000363	0.000471	0.000232	0.000906	0.000502
2082 May	0.000294	0.000133	0.000764	0.0348	0.0000042	2.71	2.97	0.0253	0.00105	14	0.00155	0.0547	0.0000952	0.000264	0.000143	0.119	0.00000363	0.000472	0.000232	0.000906	0.000502
2082 Jun	0.000295	0.000133	0.00076	0.0347	0.00000421	2.71	2.97	0.0253	0.00106	13.9	0.00154	0.0538	0.0000949	0.000265	0.000144	0.119	0.00000366	0.000473	0.000232	0.000904	0.000505
2082 Jul	0.000297	0.000133	0.00076	0.0347	0.00000423	2.73	2.98	0.0255	0.00107	13.8	0.00155	0.0531	0.000095	0.000266	0.000145	0.12	0.00000371	0.000476	0.000233	0.000905	0.000511
2082 Aug	0.000297	0.000133	0.000761	0.0348	0.00000424	2.74	2.99	0.0255	0.00108	13.9	0.00155	0.0532	0.0000951	0.000267	0.000145	0.12	0.00000371	0.000477	0.000233	0.000907	0.000512
2082 Sep	0.000298	0.000133	0.000761	0.0348	0.00000424	2.74	2.99	0.0255	0.00108	13.9	0.00155	0.0532	0.0000952	0.000267	0.000145	0.12	0.00000371	0.000477	0.000233	0.000907	0.000512
2082 Oct	0.000297	0.000133	0.00076	0.0348	0.00000424	2.73	2.98	0.0255	0.00107	13.8	0.00155	0.0531	0.0000949	0.000266	0.000145	0.12	0.00000371	0.000476	0.000233	0.000905	0.000511
2082 Nov	0.000297	0.000133	0.00076	0.0348	0.00000424	2.73	2.98	0.0255	0.00107	13.8	0.00155	0.0531	0.0000949	0.000266	0.000145	0.12	0.00000371	0.000476	0.000233	0.000905	0.000511
2082 Dec	0.000297	0.000133	0.00076	0.0348	0.00000424	2.73	2.98	0.0255	0.00107	13.8	0.00155	0.0531	0.0000949	0.000266	0.000145	0.12	0.00000371	0.000476	0.000233	0.000905	0.000511
2083 Jan	0.000297	0.000133	0.00076	0.0348	0.00000424	2.73	2.98	0.0255	0.00107	13.8	0.00155	0.0531	0.0000949	0.000266	0.000145	0.12	0.00000371	0.000476	0.000233	0.000905	0.000511
2083 Feb	0.000297	0.000133	0.00076	0.0348	0.00000424	2.73	2.98	0.0255	0.00107	13.8	0.00155	0.0531	0.0000949	0.000266	0.000145	0.12	0.00000371	0.000476	0.000233	0.000905	0.000511
2083 Mar	0.000297	0.000133	0.00076	0.0348	0.00000424	2.73	2.98	0.0255	0.00107	13.8	0.00155	0.0531	0.0000949	0.000266	0.000145	0.12	0.00000371	0.000476	0.000233	0.000905	0.000511
2083 Apr	0.000297	0.000133	0.00076	0.0348	0.00000424	2.73	2.98	0.0255	0.00107	13.8	0.00155	0.0531	0.000095	0.000266	0.000145	0.12	0.00000371	0.000476	0.000233	0.000905	0.000511
2083 May	0.000297	0.000133	0.00076	0.0349	0.00000424	2.73	2.98	0.0255	0.00108	13.8	0.00155	0.0529	0.0000953	0.000267	0.000145	0.12	0.00000371	0.000477	0.000233	0.000905	0.000512
2083 Jun	0.0003	0.000134	0.000758	0.0351	0.00000426	2.76	3	0.0258	0.0011	13.7	0.00155	0.0517	0.0000962	0.000269	0.000147	0.121	0.00000378	0.000481	0.000235	0.000904	0.00052
2083 Jul	0.000302	0.000134	0.000759	0.0351	0.00000428	2.77	3.01	0.026	0.00111	13.7	0.00156	0.0515	0.0000964	0.00027	0.000147	0.122	0.00000381	0.000484	0.000235	0.000906	0.000524
2083 Aug	0.000302	0.000134	0.00076	0.0352	0.00000429	2.78	3.02	0.026	0.00111	13.7	0.00156	0.0516	0.0000965	0.00027	0.000147	0.122	0.00000381	0.000484	0.000236	0.000907	0.000524
2083 Sep	0.000303	0.000134	0.00076	0.0352	0.00000429	2.78	3.02	0.026	0.00112	13.7	0.00156	0.0514	0.0000965	0.00027	0.000148	0.122	0.00000382	0.000485	0.000236	0.000907	0.000526
2083 Oct	0.000304	0.000134	0.000759	0.0352	0.0000043	2.79	3.03	0.0261	0.00113	13.7	0.00156	0.0509	0.0000964	0.000271	0.000148	0.122	0.00000385	0.000487	0.000236	0.000906	0.000529
2083 Nov	0.000304	0.000134	0.000759	0.0352	0.0000043	2.79	3.03	0.0261	0.00113	13.7	0.00156	0.0508	0.0000964	0.000271	0.000148	0.122	0.00000386	0.000488	0.000236	0.000906	0.00053
2083 Dec	0.000304	0.000134	0.000759	0.0352	0.0000043	2.79	3.03	0.0261	0.00113	13.7	0.00156	0.0508	0.0000964	0.000271	0.000148	0.122	0.00000386	0.000488	0.000236	0.000906	0.00053
2084 Jan	0.000304	0.000134	0.000759	0.0352	0.0000043	2.79	3.03	0.0261	0.00113	13.7	0.00156	0.0508	0.0000964	0.000271	0.000148	0.122	0.00000386	0.000488	0.000236	0.000906	0.00053
2084 Feb	0.000304	0.000134	0.000759	0.0352	0.0000043	2.79	3.03	0.0261	0.00113	13.7	0.00156	0.0508	0.0000964	0.000271	0.000148	0.122	0.00000386	0.000488	0.000236	0.000906	0.00053
2084 Mar	0.000304	0.000134	0.000759	0.0352	0.0000043	2.79	3.03	0.0261	0.00113	13.7	0.00156	0.0508	0.0000964	0.000271	0.000148	0.122	0.00000386	0.000488	0.000236	0.000906	0.00053
2084 Apr	0.000304	0.000134	0.000759	0.0352	0.00000431	2.8	3.03	0.0261	0.00113	13.7	0.00156	0.0508	0.0000964	0.000271	0.000149	0.122	0.00000386	0.000488	0.000236	0.000906	0.000531
2084 May	0.000305	0.000135	0.000759	0.0353	0.00000431	2.8	3.03	0.0262	0.00113	13.7	0.00156	0.0506	0.0000969	0.000272	0.000149	0.123	0.00000387	0.000488	0.000236	0.000907	0.000531
2084 Jun	0.000308	0.000135	0.000757	0.0355	0.00000433	2.82	3.05	0.0265	0.00116	13.6	0.00156	0.0495	0.0000976	0.000274	0.00015	0.124	0.00000394	0.000492	0.000238	0.000906	0.00054
2084 Jul	0.000309	0.000135	0.000758	0.0356	0.00000434	2.83	3.06	0.0266	0.00116	13.6	0.00157	0.0495	0.0000979	0.000274	0.000151	0.124	0.00000396	0.000494	0.000238	0.000908	0.000542
2084 Aug	0.000309	0.000136	0.000759	0.0356	0.00000435	2.84	3.06	0.0266	0.00116	13.6	0.00157	0.0496	0.000098	0.000275	0.000151	0.124	0.00000396	0.000495	0.000239	0.000909	0.000543
2084 Sep	0.000309	0.000136	0.000759	0.0356	0.00000435	2.84	3.06	0.0266	0.00116	13.6	0.00157	0.0496	0.000098	0.000275	0.000151	0.124	0.00000396	0.000495	0.000239	0.000909	0.000543
2084 Oct	0.000309	0.000135	0.000759	0.0356	0.00000435	2.84	3.06	0.0266	0.00117	13.6	0.00157	0.0494	0.0000979	0.000275	0.000151	0.124	0.00000397	0.000495	0.000238	0.000908	0.000544
2084 Nov	0.00031	0.000135	0.000758	0.0356	0.00000436	2.84	3.07	0.0266	0.00117	13.6	0.00157	0.0492	0.0000979	0.000275	0.000151	0.124	0.00000398	0.000495	0.000238	0.000908	0.000545
2084 Dec	0.00031	0.000135	0.000758	0.0356	0.00000436	2.84	3.07	0.0266	0.00117	13.6	0.00157	0.0492	0.0000979	0.000275	0.000151	0.124	0.00000398	0.000495	0.000238	0.000908	0.000545
2085 Jan	0.00031	0.000135	0.000758	0.0356	0.00000436	2.84	3.07	0.0266	0.00117	13.6	0.00157	0.0492	0.0000979	0.000275	0.000151	0.124	0.00000398	0.000495	0.000238	0.000908	0.000545
2085 Feb	0.00031	0.000135	0.000758	0.0356	0.00000436	2.84	3.07	0.0266	0.00117	13.6	0.00157	0.0492	0.0000979	0.000275	0.000151	0.124	0.00000398	0.000495	0.000238	0.000908	0.000545
2085 Mar	0.00031	0.000135	0.000758	0.0356	0.00000436	2.84	3.07	0.0266	0.00117	13.6	0.00157	0.0492	0.0000979	0.000275	0.000151	0.124	0.00000398	0.000495	0.000238	0.000908	0.000545
2085 Apr	0.00031	0.000135	0.000759	0.0356	0.00000436	2.84	3.07	0.0266	0.00117	13.6	0.00157	0.0493	0.0000979	0.000275	0.000151	0.124	0.00000398	0.000496	0.000238	0.000908	0.000545
2085 May	0.00031	0.000136	0.000758	0.0357	0.00000436	2.84	3.07	0.0267	0.00117	13.6	0.00157	0.0491	0.0000983	0.000275	0.000151	0.124	0.00000398	0.000496	0.000239	0.000908	0.000545
2085 Jun	0.000312	0.000136	0.000758	0.0358	0.00000438	2.86	3.08	0.0269	0.00119	13.5	0.00157	0.0485	0.0000989	0.000276	0.000152	0.125	0.00000402	0.000498	0.00024	0.000908	0.00055
2085 Jul	0.000312	0.000136	0.000759	0.0359	0.00000439	2.86	3.09	0.0269	0.00119	13.5	0.00158	0.0486	0.0000991	0.000277	0.000152	0.125	0.00000403	0.000499	0.00024	0.00091	0.000551
2085 Aug	0.000313	0.000136	0.00076	0.036	0.00000439	2.86	3.09	0.027	0.00119	13.5	0.00158	0.0486	0.0000991	0.000277	0.000153	0.125	0.00000403	0.000499	0.00024	0.000911	0.000552
2085 Sep	0.000314	0.000137	0.000759	0.036	0.0000044	2.87	3.09	0.027	0.0012	13.5	0.00158	0.0483	0.0000991	0.000278	0.000153	0.126	0.00000406	0.000501	0.000241	0.000911	0.000555
2085 Oct	0.000315	0.000137	0.000759	0.036	0.00000441	2.88	3.1	0.0271	0.00121	13.5	0.00158	0.048	0.000099	0.000278	0.000153	0.126	0.00000408	0.000502	0.000241	0.00091	0.000558
2085 Nov	0.000315	0.000137	0.000758	0.036	0.00000441	2.89	3.1	0.0271	0.00121	13.5	0.00158	0.0478	0.000099	0.000278	0.000154	0.126	0.00000409	0.000503	0.000241	0.00091	0.000559
2085 Dec	0.000315	0.000137	0.000758	0.036	0.00000441	2.89	3.1	0.0271	0.00121	13.5	0.00158	0.0478	0.000099	0.000278	0.000154	0.126	0.00000409	0.000503	0.000241	0.00091	0.000559
2086 Jan	0.000315	0.000137	0.000758	0.036	0.00000441	2.89	3.1	0.0271	0.00121	13.5	0.00158	0.0478	0.000099	0.000278	0.000154	0.126	0.00000409	0.000503	0.000241	0.00091	0.000559
2086 Feb	0.000315	0.000137	0.000758	0.036	0.00000441	2.89	3.1	0.0271	0.00121	13.5	0.00158	0.0478	0.000099	0.000278	0.000154	0.126	0.00000409	0.000503	0.000241	0.00091	0.000559
2086 Mar	0.000315	0.000137	0.000758	0.036	0.00000441	2.89	3.1	0.0271	0.00121	13.5	0.00158	0.0478	0.000099	0.000278	0.000154	0.126	0.00000409	0.000503	0.000241	0.00091	0.000559
2086 Apr	0.000315	0.000137	0.000759	0.036	0.00000441	2.89	3.1	0.0271	0.00121	13.5	0.00158	0.0478	0.000099	0.000279	0.000154	0.126	0.00000409	0.000503	0.000241	0.00091	0.000559
2086 May	0.000315	0.000137	0.000759	0.036	0.00000441	2.89	3.1	0.0271	0.00121	13.5	0.00158	0.0478	0.0000992	0.000279	0.000154	0.126	0.00000409	0.000503	0.000241	0.000911	0.000559
2086 Jun	0.000318	0.000137	0.000757	0.0362	0.00000443	2.91	3.12	0.0274	0.00123	13.4	0.00158	0.0468	0.0000999	0.00028	0.000155	0.127	0.00000415	0.000507	0.000242	0.00091	0.000567
2086 Jul	0.000319	0.000138	0.000758	0.0363	0.00000445	2.92	3.13	0.0275	0.00124	13.4	0.00159	0.0467	0.0001	0.000282	0.000156	0.128	0.00000419	0.00051	0.000243	0.000912	0.000571
2086 Aug	0.00032	0.000138	0.000759	0.0364	0.00000446	2.93	3.14	0.0276	0.00125	13.4	0.00159	0.0467	0.0001	0.000282	0.000156	0.128	0.00000419	0.00051	0.000243	0.000914	0.000572
2086 Sep	0.00032	0.000138	0.000759	0.0364	0.00000446	2.93	3.13	0.0276	0.00125	13.4	0.00159	0.0467	0.0001	0.000282	0.000156	0.128	0.00000419	0.00051	0.000243	0.000913	0.000572
2086 Oct	0.00032	0.000138	0.000759	0.0364	0.00000446	2.93	3.13	0.0276	0.00125	13.4	0.00159	0.0466	0.0001	0.000282	0.000156	0.128	0.0000042	0.00051	0.000243	0.000913	0.000572
2086 Nov	0.00032	0.000138	0.000759	0.0364	0.00000446	2.93	3.14	0.0276	0.00125	13.4	0.00159	0.0466	0.0001	0.000282	0.000156	0.128	0.0000042	0.00051	0.000243	0.000913	0.000572
2086 Dec	0.00032	0.000138	0.000759	0.0364	0.00000446	2.93	3.14	0.0276	0.00125	13.4	0.00159	0.0466	0.0001	0.000282	0.000156	0.128	0.0000042	0.00051	0.000243	0.000913	0.000572
2087 Jan	0.00032	0.000138	0.000759	0.0364	0.00000446	2.93	3.14	0.0276	0.00125	13.4	0.00159	0.0466	0.0001	0.000282	0.000156	0.128	0.0000042	0.00051	0.000243	0.000913	0.000572
2087 Feb	0.00032	0.000138	0.000759	0.0364	0.00000446	2.93	3.14	0.0276	0.00125	13.4	0.00159	0.0466	0.0001	0.000282	0.000156	0.128	0.0000042	0.00051	0.000243	0.000913	0.000572
2087 Mar	0.00032	0.000138	0.000759	0.0364	0.00000446	2.93	3.14	0.0276	0.00125	13.4	0.00159	0.0466	0.0001	0.000282	0.000156	0.128	0.0000042	0.00051	0.000243	0.000913	0.000572
2087 Apr	0.00032	0.000138	0.000759	0.0364	0.00000446	2.93	3.14	0.0276	0.00125	13.4	0.00159	0.0466	0.0001	0.000282	0.000156	0.128	0.0000042	0.00051	0.000243	0.000913	0.000572
2087 May	0.00032	0.000138	0.000759	0.0364	0.00000447	2.93	3.14	0.0276	0.00125	13.4	0.00159	0.0465	0.0001	0.000282	0.000156	0.128	0.0000042	0.000511	0.000243	0.000913	0.000573
2087 Jun	0.000322	0.000138	0.000758	0.0366	0.00000448	2.95	3.15	0.0278	0.00127	13.3	0.00159	0.0459	0.000101	0.000283	0.000157	0.129	0.00000425	0.000513	0.000245	0.000913	0.000579
2087 Jul	0.000323	0.000139	0.000759	0.0366	0.00000449	2.95	3.15	0.0279	0.00127	13.3	0.00159	0.0459	0.000101	0.000284	0.000157	0.129	0.00000426	0.000514	0.000245	0.000915	0.00058
2087 Aug	0.000323	0.000139	0.00076	0.0367	0.0000045	2.96	3.16	0.0279	0.00127	13.4	0.0016	0.046	0.000101	0.000284	0.000158	0.129	0.00000426	0.000515	0.000245	0.000916	0.000581

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2087 Sep	0.000323	0.000139	0.000761	0.0367	0.0000045	2.96	3.16	0.0279	0.00127	13.4	0.0016	0.046	0.000102	0.000284	0.000158	0.129	0.00000427	0.000515	0.000246	0.000917	0.000581
2087 Oct	0.000323	0.000139	0.000761	0.0367	0.0000045	2.96	3.16	0.0279	0.00127	13.4	0.0016	0.046	0.000102	0.000284	0.000158	0.129	0.00000427	0.000515	0.000245	0.000917	0.000581
2087 Nov	0.000323	0.000139	0.000761	0.0367	0.0000045	2.96	3.16	0.0279	0.00127	13.4	0.0016	0.046	0.000101	0.000284	0.000158	0.129	0.00000427	0.000515	0.000245	0.000917	0.000581
2087 Dec	0.000323	0.000139	0.000761	0.0367	0.0000045	2.96	3.16	0.0279	0.00127	13.4	0.0016	0.046	0.000101	0.000284	0.000158	0.129	0.00000427	0.000515	0.000245	0.000917	0.000581
2088 Jan	0.000323	0.000139	0.000761	0.0367	0.0000045	2.96	3.16	0.0279	0.00127	13.4	0.0016	0.046	0.000101	0.000284	0.000158	0.129	0.00000427	0.000515	0.000245	0.000917	0.000581
2088 Feb	0.000323	0.000139	0.000761	0.0367	0.0000045	2.96	3.16	0.0279	0.00127	13.4	0.0016	0.046	0.000101	0.000284	0.000158	0.129	0.00000427	0.000515	0.000245	0.000917	0.000581
2088 Mar	0.000323	0.000139	0.000761	0.0367	0.0000045	2.96	3.16	0.0279	0.00127	13.4	0.0016	0.046	0.000101	0.000284	0.000158	0.129	0.00000427	0.000515	0.000245	0.000917	0.000581
2088 Apr	0.000323	0.000139	0.000761	0.0368	0.0000045	2.96	3.16	0.0279	0.00127	13.4	0.0016	0.046	0.000102	0.000284	0.000158	0.129	0.00000427	0.000515	0.000246	0.000917	0.000581
2088 May	0.000324	0.000139	0.000762	0.0368	0.00000451	2.96	3.17	0.028	0.00127	13.4	0.0016	0.0461	0.000102	0.000285	0.000158	0.129	0.00000427	0.000515	0.000246	0.000918	0.000581
2088 Jun	0.000324	0.000139	0.00076	0.0368	0.00000451	2.96	3.16	0.0279	0.00127	13.3	0.0016	0.0457	0.000102	0.000284	0.000158	0.129	0.00000428	0.000515	0.000246	0.000917	0.000582
2088 Jul	0.000325	0.000139	0.000761	0.0369	0.00000452	2.97	3.17	0.028	0.00128	13.3	0.0016	0.0456	0.000102	0.000285	0.000158	0.129	0.00000429	0.000516	0.000246	0.000919	0.000584
2088 Aug	0.000325	0.000139	0.000763	0.037	0.00000453	2.97	3.18	0.0281	0.00128	13.4	0.0016	0.0457	0.000102	0.000286	0.000159	0.13	0.00000431	0.000518	0.000247	0.000921	0.000585
2088 Sep	0.000326	0.00014	0.000763	0.037	0.00000454	2.98	3.18	0.0281	0.00128	13.4	0.0016	0.0458	0.000102	0.000286	0.000159	0.13	0.00000431	0.000518	0.000247	0.000922	0.000586
2088 Oct	0.000325	0.000139	0.000762	0.037	0.00000453	2.97	3.17	0.0281	0.00128	13.3	0.0016	0.0457	0.000102	0.000286	0.000159	0.13	0.0000043	0.000517	0.000247	0.000921	0.000585
2088 Nov	0.000325	0.000139	0.000762	0.0369	0.00000453	2.97	3.17	0.028	0.00128	13.3	0.0016	0.0457	0.000102	0.000285	0.000159	0.13	0.0000043	0.000517	0.000247	0.00092	0.000584
2088 Dec	0.000325	0.000139	0.000762	0.0369	0.00000453	2.97	3.17	0.028	0.00128	13.3	0.0016	0.0457	0.000102	0.000285	0.000159	0.13	0.0000043	0.000517	0.000247	0.00092	0.000585
2089 Jan	0.000325	0.000139	0.000762	0.0369	0.00000453	2.97	3.17	0.028	0.00128	13.3	0.0016	0.0457	0.000102	0.000285	0.000159	0.13	0.0000043	0.000517	0.000247	0.00092	0.000585
2089 Feb	0.000325	0.000139	0.000762	0.0369	0.00000453	2.97	3.17	0.028	0.00128	13.3	0.0016	0.0457	0.000102	0.000285	0.000159	0.13	0.0000043	0.000517	0.000247	0.00092	0.000585
2089 Mar	0.000325	0.000139	0.000762	0.0369	0.00000453	2.97	3.17	0.028	0.00128	13.3	0.0016	0.0457	0.000102	0.000285	0.000159	0.13	0.0000043	0.000517	0.000247	0.00092	0.000585
2089 Apr	0.000325	0.000139	0.000762	0.037	0.00000453	2.97	3.17	0.0281	0.00128	13.3	0.0016	0.0457	0.000102	0.000286	0.000159	0.13	0.0000043	0.000517	0.000247	0.000921	0.000585
2089 May	0.000325	0.000139	0.000762	0.037	0.00000453	2.97	3.17	0.0281	0.00128	13.3	0.0016	0.0456	0.000102	0.000286	0.000159	0.13	0.0000043	0.000517	0.000247	0.000921	0.000585
2089 Jun	0.000326	0.00014	0.000761	0.0372	0.00000454	2.98	3.18	0.0282	0.00129	13.3	0.0016	0.0451	0.000103	0.000286	0.000159	0.13	0.00000433	0.000518	0.000248	0.00092	0.000588
2089 Jul	0.000327	0.00014	0.000762	0.0372	0.00000455	2.98	3.18	0.0283	0.00129	13.3	0.0016	0.0452	0.000103	0.000286	0.000159	0.13	0.00000434	0.000519	0.000248	0.000922	0.000589
2089 Aug	0.000327	0.00014	0.000764	0.0373	0.00000456	2.99	3.19	0.0283	0.0013	13.3	0.00161	0.0453	0.000103	0.000287	0.00016	0.13	0.00000434	0.00052	0.000249	0.000923	0.00059
2089 Sep	0.000327	0.00014	0.000764	0.0373	0.00000456	2.99	3.19	0.0283	0.0013	13.3	0.00161	0.0453	0.000103	0.000287	0.00016	0.13	0.00000434	0.00052	0.000249	0.000923	0.00059
2089 Oct	0.000328	0.00014	0.000762	0.0373	0.00000456	2.99	3.19	0.0283	0.0013	13.3	0.0016	0.0449	0.000103	0.000287	0.00016	0.13	0.00000436	0.00052	0.000248	0.000922	0.000591
2089 Nov	0.000328	0.00014	0.000762	0.0373	0.00000456	2.99	3.19	0.0283	0.0013	13.3	0.00161	0.0449	0.000103	0.000287	0.00016	0.13	0.00000436	0.00052	0.000248	0.000922	0.000592
2089 Dec	0.000328	0.00014	0.000762	0.0373	0.00000456	2.99	3.19	0.0283	0.0013	13.3	0.00161	0.0449	0.000103	0.000287	0.00016	0.13	0.00000436	0.00052	0.000248	0.000922	0.000592
2090 Jan	0.000328	0.00014	0.000762	0.0373	0.00000456	2.99	3.19	0.0283	0.0013	13.3	0.00161	0.0449	0.000103	0.000287	0.00016	0.13	0.00000436	0.00052	0.000248	0.000922	0.000592
2090 Feb	0.000328	0.00014	0.000762	0.0373	0.00000456	2.99	3.19	0.0283	0.0013	13.3	0.00161	0.0449	0.000103	0.000287	0.00016	0.13	0.00000436	0.00052	0.000248	0.000922	0.000592
2090 Mar	0.000328	0.00014	0.000762	0.0373	0.00000456	2.99	3.19	0.0283	0.0013	13.3	0.00161	0.0449	0.000103	0.000287	0.00016	0.13	0.00000436	0.00052	0.000248	0.000922	0.000592
2090 Apr	0.000328	0.00014	0.000762	0.0373	0.00000456	2.99	3.19	0.0284	0.0013	13.3	0.00161	0.0449	0.000103	0.000287	0.00016	0.131	0.00000436	0.00052	0.000248	0.000922	0.000592
2090 May	0.000328	0.00014	0.000762	0.0373	0.00000457	2.99	3.19	0.0284	0.0013	13.3	0.00161	0.0449	0.000103	0.000287	0.00016	0.131	0.00000437	0.000521	0.000249	0.000922	0.000593
2090 Jun	0.000331	0.000141	0.00076	0.0375	0.00000459	3.01	3.21	0.0286	0.00133	13.2	0.00161	0.0439	0.000104	0.000289	0.000161	0.131	0.00000444	0.000524	0.00025	0.000921	0.000602
2090 Jul	0.000332	0.000141	0.000761	0.0376	0.0000046	3.03	3.22	0.0287	0.00134	13.2	0.00161	0.0438	0.000104	0.00029	0.000162	0.132	0.00000446	0.000526	0.00025	0.000923	0.000605
2090 Aug	0.000333	0.000141	0.000761	0.0376	0.00000461	3.03	3.22	0.0288	0.00134	13.2	0.00161	0.0436	0.000104	0.00029	0.000162	0.132	0.00000448	0.000527	0.000251	0.000923	0.000607
2090 Sep	0.000334	0.000141	0.00076	0.0376	0.00000462	3.04	3.23	0.0289	0.00135	13.1	0.00161	0.0432	0.000104	0.000291	0.000163	0.132	0.00000451	0.000529	0.000251	0.000923	0.000611
2090 Oct	0.000335	0.000141	0.000759	0.0376	0.00000463	3.06	3.24	0.029	0.00137	13.1	0.00162	0.0427	0.000104	0.000292	0.000164	0.133	0.00000456	0.000531	0.000251	0.000922	0.000617
2090 Nov	0.000336	0.000141	0.000759	0.0376	0.00000464	3.06	3.24	0.029	0.00137	13.1	0.00162	0.0425	0.000104	0.000292	0.000164	0.133	0.00000457	0.000532	0.000251	0.000922	0.000619
2090 Dec	0.000336	0.000141	0.000759	0.0377	0.00000464	3.06	3.24	0.029	0.00137	13.1	0.00162	0.0425	0.000104	0.000292	0.000164	0.133	0.00000457	0.000532	0.000251	0.000922	0.000619
2091 Jan	0.000336	0.000141	0.000759	0.0377	0.00000464	3.06	3.24	0.029	0.00138	13.1	0.00162	0.0425	0.000104	0.000292	0.000164	0.133	0.00000457	0.000532	0.000251	0.000922	0.000619
2091 Feb	0.000336	0.000141	0.000759	0.0377	0.00000464	3.06	3.24	0.029	0.00138	13.1	0.00162	0.0425	0.000104	0.000292	0.000164	0.133	0.00000457	0.000532	0.000251	0.000922	0.000619
2091 Mar	0.000336	0.000141	0.000759	0.0377	0.00000464	3.06	3.24	0.029	0.00138	13.1	0.00162	0.0425	0.000104	0.000292	0.000164	0.133	0.00000457	0.000532	0.000251	0.000922	0.000619
2091 Apr	0.000336	0.000141	0.00076	0.0377	0.00000464	3.06	3.24	0.0291	0.00138	13.1	0.00162	0.0426	0.000104	0.000292	0.000164	0.133	0.00000457	0.000532	0.000251	0.000923	0.000619
2091 May	0.000336	0.000142	0.00076	0.0377	0.00000464	3.06	3.25	0.0291	0.00138	13.1	0.00162	0.0425	0.000104	0.000293	0.000164	0.133	0.00000458	0.000532	0.000251	0.000923	0.00062
2091 Jun	0.000338	0.000142	0.000758	0.0379	0.00000466	3.08	3.26	0.0293	0.00139	13	0.00162	0.0418	0.000105	0.000294	0.000165	0.134	0.00000463	0.000534	0.000253	0.000922	0.000626
2091 Jul	0.000339	0.000142	0.00076	0.038	0.00000467	3.09	3.27	0.0294	0.0014	13	0.00162	0.0419	0.000105	0.000295	0.000166	0.134	0.00000464	0.000536	0.000253	0.000925	0.000628
2091 Aug	0.000339	0.000142	0.00076	0.038	0.00000468	3.09	3.27	0.0294	0.0014	13	0.00162	0.0419	0.000105	0.000295	0.000166	0.134	0.00000465	0.000536	0.000253	0.000925	0.000628
2091 Sep	0.00034	0.000142	0.00076	0.038	0.00000468	3.09	3.27	0.0294	0.0014	13	0.00162	0.0418	0.000105	0.000295	0.000166	0.134	0.00000465	0.000536	0.000253	0.000925	0.000629
2091 Oct	0.00034	0.000142	0.000759	0.0381	0.00000468	3.1	3.27	0.0295	0.00141	13	0.00162	0.0415	0.000105	0.000295	0.000166	0.135	0.00000467	0.000537	0.000253	0.000925	0.000632
2091 Nov	0.000341	0.000142	0.000759	0.0381	0.00000469	3.1	3.28	0.0295	0.00142	12.9	0.00162	0.0413	0.000105	0.000295	0.000167	0.135	0.00000469	0.000538	0.000253	0.000924	0.000635
2091 Dec	0.000341	0.000143	0.000759	0.0381	0.00000469	3.1	3.28	0.0295	0.00142	12.9	0.00162	0.0413	0.000105	0.000295	0.000167	0.135	0.00000469	0.000538	0.000253	0.000924	0.000635
2092 Jan	0.000341	0.000143	0.000759	0.0381	0.00000469	3.1	3.28	0.0295	0.00142	12.9	0.00162	0.0413	0.000105	0.000295	0.000167	0.135	0.00000469	0.000538	0.000253	0.000924	0.000635
2092 Feb	0.000341	0.000143	0.000759	0.0381	0.00000469	3.1	3.28	0.0295	0.00142	12.9	0.00162	0.0413	0.000105	0.000295	0.000167	0.135	0.00000469	0.000538	0.000253	0.000924	0.000635
2092 Mar	0.000341	0.000143	0.000759	0.0381	0.00000469	3.1	3.28	0.0295	0.00142	12.9	0.00162	0.0413	0.000105	0.000296	0.000167	0.135	0.0000047	0.000539	0.000253	0.000924	0.000635
2092 Apr	0.000341	0.000143	0.000759	0.0381	0.00000469	3.11	3.28	0.0295	0.00142	12.9	0.00162	0.0413	0.000105	0.000296	0.000167	0.135	0.0000047	0.000539	0.000253	0.000925	0.000635
2092 May	0.000341	0.000143	0.000759	0.0381	0.00000469	3.11	3.28	0.0296	0.00142	12.9	0.00163	0.0412	0.000106	0.000296	0.000167	0.135	0.0000047	0.000539	0.000254	0.000925	0.000636
2092 Jun	0.000345	0.000143	0.000757	0.0384	0.00000472	3.14	3.3	0.03	0.00145	12.8	0.00163	0.04	0.000107	0.000298	0.000169	0.136	0.0000048	0.000543	0.000255	0.000924	0.000649
2092 Jul	0.000347	0.000144	0.000757	0.0384	0.00000474	3.15	3.31	0.0301	0.00147	12.8	0.00163	0.0398	0.000107	0.000299	0.00017	0.137	0.00000484	0.000546	0.000256	0.000925	0.000653
2092 Aug	0.000347	0.000144	0.000759	0.0385	0.00000475	3.16	3.32	0.0301	0.00147	12.8	0.00163	0.0398	0.000107	0.0003	0.00017	0.137	0.00000485	0.000547	0.000257	0.000927	0.000655
2092 Sep	0.000347	0.000144	0.000759	0.0385	0.00000475	3.16	3.32	0.0302	0.00147	12.8	0.00163	0.0398	0.000107	0.0003	0.00017	0.137	0.00000485	0.000547	0.000257	0.000927	0.000655
2092 Oct	0.000347	0.000144	0.000758	0.0385	0.00000475	3.15	3.32	0.0301	0.00147	12.8	0.00163	0.0398	0.000107	0.000299	0.00017	0.137	0.00000484	0.000546	0.000256	0.000927	0.000654
2092 Nov	0.000347	0.000144	0.000758	0.0385	0.00000475	3.15	3.32	0.0301	0.00147	12.8	0.00163	0.0398	0.000107	0.000299	0.00017	0.137	0.00000484	0.000546	0.000256	0.000927	0.000654
2092 Dec	0.000347	0.000144	0.000758	0.0385	0.00000475	3.15	3.32	0.0301	0.00147	12.8	0.00163	0.0398	0.000107	0.000299	0.00017	0.137	0.00000484	0.000546	0.000256	0.000927	0.000654
2093 Jan	0.000347	0.000144	0.000758	0.0385	0.00000475	3.15	3.32	0.0301	0.00147	12.8	0.00163	0.0398	0.000107	0.000299	0.00017	0.137	0.00000484	0.000546	0.000256	0.000927	0.000654

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2093 Feb	0.000347	0.000144	0.000758	0.0385	0.00000475	3.15	3.32	0.0301	0.00147	12.8	0.00163	0.0398	0.000107	0.000299	0.00017	0.137	0.00000484	0.000546	0.000256	0.000927	0.000654
2093 Mar	0.000347	0.000144	0.000758	0.0385	0.00000475	3.15	3.32	0.0301	0.00147	12.8	0.00163	0.0398	0.000107	0.000299	0.00017	0.137	0.00000485	0.000546	0.000256	0.000927	0.000654
2093 Apr	0.000347	0.000144	0.000758	0.0385	0.00000475	3.16	3.32	0.0301	0.00147	12.8	0.00163	0.0398	0.000107	0.000299	0.00017	0.137	0.00000485	0.000546	0.000256	0.000927	0.000655
2093 May	0.000347	0.000144	0.000759	0.0386	0.00000475	3.16	3.32	0.0302	0.00147	12.8	0.00163	0.0398	0.000107	0.0003	0.00017	0.137	0.00000485	0.000547	0.000257	0.000927	0.000655
2093 Jun	0.000349	0.000145	0.000757	0.0388	0.00000477	3.17	3.33	0.0304	0.00149	12.7	0.00164	0.0391	0.000108	0.000301	0.000171	0.138	0.0000049	0.000549	0.000258	0.000927	0.000662
2093 Jul	0.00035	0.000145	0.000759	0.0389	0.00000478	3.18	3.34	0.0305	0.00149	12.7	0.00164	0.0391	0.000108	0.000302	0.000171	0.138	0.00000492	0.00055	0.000259	0.000929	0.000665
2093 Aug	0.000351	0.000145	0.00076	0.0389	0.00000479	3.19	3.35	0.0305	0.0015	12.8	0.00164	0.0391	0.000108	0.000302	0.000172	0.138	0.00000493	0.000551	0.000259	0.000931	0.000666
2093 Sep	0.000351	0.000145	0.00076	0.0389	0.00000479	3.19	3.35	0.0305	0.0015	12.8	0.00164	0.0391	0.000108	0.000302	0.000172	0.138	0.00000493	0.000551	0.000259	0.000931	0.000666
2093 Oct	0.000351	0.000145	0.000758	0.0389	0.00000479	3.19	3.34	0.0305	0.0015	12.7	0.00164	0.0389	0.000108	0.000302	0.000172	0.138	0.00000494	0.000551	0.000258	0.000929	0.000667
2093 Nov	0.000351	0.000145	0.000758	0.0389	0.00000479	3.19	3.35	0.0305	0.0015	12.7	0.00164	0.0387	0.000108	0.000302	0.000172	0.138	0.00000495	0.000552	0.000258	0.000928	0.000669
2093 Dec	0.000351	0.000145	0.000758	0.0389	0.00000479	3.19	3.35	0.0305	0.00151	12.7	0.00164	0.0387	0.000108	0.000302	0.000172	0.138	0.00000495	0.000552	0.000258	0.000928	0.000669
2094 Jan	0.000351	0.000145	0.000758	0.0389	0.00000479	3.19	3.35	0.0305	0.00151	12.7	0.00164	0.0387	0.000108	0.000302	0.000172	0.138	0.00000495	0.000552	0.000258	0.000928	0.000669
2094 Feb	0.000351	0.000145	0.000758	0.0389	0.00000479	3.19	3.35	0.0305	0.00151	12.7	0.00164	0.0387	0.000108	0.000302	0.000172	0.138	0.00000495	0.000552	0.000258	0.000928	0.000669
2094 Mar	0.000351	0.000145	0.000758	0.0389	0.00000479	3.19	3.35	0.0306	0.00151	12.7	0.00164	0.0387	0.000108	0.000302	0.000172	0.138	0.00000495	0.000552	0.000259	0.000928	0.000669
2094 Apr	0.000351	0.000145	0.000758	0.0389	0.00000479	3.19	3.35	0.0306	0.00151	12.7	0.00164	0.0387	0.000108	0.000302	0.000172	0.138	0.00000496	0.000552	0.000259	0.000929	0.000669
2094 May	0.000352	0.000145	0.000758	0.039	0.0000048	3.19	3.35	0.0306	0.00151	12.7	0.00164	0.0386	0.000108	0.000302	0.000172	0.138	0.00000497	0.000552	0.000259	0.000929	0.00067
2094 Jun	0.000354	0.000146	0.000758	0.0392	0.00000481	3.21	3.36	0.0308	0.00153	12.6	0.00164	0.0381	0.000109	0.000303	0.000173	0.139	0.00000501	0.000554	0.00026	0.000929	0.000676
2094 Jul	0.000355	0.000146	0.00076	0.0393	0.00000483	3.22	3.37	0.0309	0.00153	12.7	0.00165	0.0383	0.000109	0.000304	0.000174	0.139	0.00000503	0.000556	0.000261	0.000932	0.000678
2094 Aug	0.000356	0.000147	0.000762	0.0394	0.00000484	3.23	3.38	0.031	0.00153	12.7	0.00165	0.0384	0.00011	0.000305	0.000174	0.14	0.00000504	0.000557	0.000262	0.000935	0.00068
2094 Sep	0.000356	0.000147	0.000762	0.0394	0.00000484	3.23	3.38	0.031	0.00153	12.7	0.00165	0.0384	0.00011	0.000305	0.000174	0.14	0.00000504	0.000557	0.000262	0.000935	0.00068
2094 Oct	0.000355	0.000146	0.000761	0.0394	0.00000484	3.22	3.38	0.031	0.00153	12.7	0.00165	0.0383	0.00011	0.000305	0.000174	0.14	0.00000503	0.000557	0.000261	0.000934	0.000679
2094 Nov	0.000354	0.000146	0.000759	0.0393	0.00000483	3.21	3.37	0.0309	0.00153	12.7	0.00165	0.0382	0.000109	0.000304	0.000173	0.139	0.00000502	0.000555	0.000261	0.000931	0.000677
2094 Dec	0.000354	0.000146	0.000759	0.0393	0.00000483	3.21	3.37	0.0309	0.00153	12.7	0.00165	0.0382	0.000109	0.000304	0.000173	0.139	0.00000502	0.000555	0.000261	0.000931	0.000677
2095 Jan	0.000354	0.000146	0.000759	0.0393	0.00000483	3.21	3.37	0.0309	0.00153	12.7	0.00165	0.0382	0.000109	0.000304	0.000173	0.139	0.00000502	0.000555	0.000261	0.000931	0.000677
2095 Feb	0.000354	0.000146	0.000759	0.0393	0.00000483	3.21	3.37	0.0309	0.00153	12.7	0.00165	0.0382	0.000109	0.000304	0.000173	0.139	0.00000502	0.000555	0.000261	0.000931	0.000677
2095 Mar	0.000354	0.000146	0.000759	0.0393	0.00000483	3.21	3.37	0.0309	0.00153	12.7	0.00165	0.0382	0.000109	0.000304	0.000173	0.139	0.00000502	0.000555	0.000261	0.000931	0.000677
2095 Apr	0.000354	0.000146	0.000759	0.0393	0.00000483	3.21	3.37	0.0309	0.00153	12.7	0.00165	0.0382	0.000109	0.000304	0.000173	0.139	0.00000502	0.000555	0.000261	0.000931	0.000677
2095 May	0.000355	0.000146	0.000759	0.0394	0.00000483	3.22	3.37	0.0309	0.00153	12.7	0.00165	0.0381	0.00011	0.000304	0.000174	0.139	0.00000503	0.000555	0.000261	0.000932	0.000678
2095 Jun	0.000356	0.000147	0.00076	0.0395	0.00000485	3.23	3.38	0.0311	0.00154	12.6	0.00165	0.0378	0.00011	0.000305	0.000174	0.14	0.00000506	0.000557	0.000262	0.000933	0.000683
2095 Jul	0.000357	0.000147	0.000762	0.0396	0.00000486	3.24	3.39	0.0312	0.00155	12.7	0.00165	0.0379	0.000111	0.000306	0.000175	0.14	0.00000508	0.000559	0.000263	0.000936	0.000685
2095 Aug	0.000357	0.000147	0.000762	0.0397	0.00000486	3.24	3.39	0.0312	0.00155	12.7	0.00165	0.0379	0.000111	0.000306	0.000175	0.14	0.00000508	0.000558	0.000263	0.000936	0.000684
2095 Sep	0.000357	0.000147	0.000762	0.0397	0.00000487	3.24	3.39	0.0312	0.00155	12.7	0.00165	0.0379	0.000111	0.000306	0.000175	0.14	0.00000508	0.000558	0.000263	0.000936	0.000684
2095 Oct	0.000357	0.000147	0.000762	0.0397	0.00000486	3.24	3.39	0.0312	0.00154	12.7	0.00165	0.0379	0.000111	0.000306	0.000175	0.14	0.00000508	0.000558	0.000263	0.000936	0.000684
2095 Nov	0.000357	0.000147	0.000761	0.0396	0.00000486	3.23	3.39	0.0311	0.00154	12.6	0.00165	0.0378	0.00011	0.000305	0.000175	0.14	0.00000508	0.000558	0.000262	0.000935	0.000684
2095 Dec	0.000357	0.000147	0.000761	0.0396	0.00000486	3.23	3.39	0.0311	0.00155	12.6	0.00165	0.0378	0.00011	0.000305	0.000175	0.14	0.00000508	0.000558	0.000262	0.000934	0.000684
2096 Jan	0.000357	0.000147	0.000761	0.0396	0.00000486	3.23	3.39	0.0311	0.00155	12.6	0.00165	0.0378	0.00011	0.000305	0.000175	0.14	0.00000508	0.000558	0.000262	0.000934	0.000684
2096 Feb	0.000357	0.000147	0.000761	0.0396	0.00000486	3.23	3.39	0.0311	0.00155	12.6	0.00165	0.0378	0.00011	0.000305	0.000175	0.14	0.00000508	0.000558	0.000262	0.000934	0.000684
2096 Mar	0.000357	0.000147	0.000761	0.0396	0.00000486	3.23	3.39	0.0311	0.00155	12.6	0.00165	0.0378	0.00011	0.000305	0.000175	0.14	0.00000508	0.000558	0.000263	0.000935	0.000684
2096 Apr	0.000357	0.000147	0.000761	0.0396	0.00000486	3.24	3.39	0.0312	0.00155	12.6	0.00165	0.0378	0.00011	0.000305	0.000175	0.14	0.00000508	0.000558	0.000263	0.000935	0.000684
2096 May	0.000357	0.000147	0.000761	0.0397	0.00000487	3.24	3.39	0.0312	0.00155	12.6	0.00165	0.0378	0.000111	0.000305	0.000175	0.14	0.00000508	0.000558	0.000263	0.000935	0.000685
2096 Jun	0.00036	0.000148	0.000758	0.0398	0.00000489	3.26	3.4	0.0315	0.00158	12.5	0.00165	0.0368	0.000111	0.000307	0.000176	0.141	0.00000517	0.000561	0.000264	0.000934	0.000697
2096 Jul	0.000362	0.000148	0.00076	0.04	0.00000491	3.28	3.42	0.0316	0.00159	12.5	0.00166	0.0366	0.000112	0.000308	0.000177	0.142	0.00000521	0.000564	0.000265	0.000937	0.000702
2096 Aug	0.000363	0.000148	0.000762	0.0401	0.00000492	3.28	3.43	0.0317	0.00159	12.6	0.00166	0.0367	0.000112	0.000309	0.000178	0.142	0.00000522	0.000565	0.000265	0.000939	0.000704
2096 Sep	0.000362	0.000148	0.000761	0.0401	0.00000492	3.28	3.42	0.0317	0.00159	12.5	0.00166	0.0367	0.000112	0.000309	0.000178	0.142	0.00000522	0.000565	0.000265	0.000938	0.000703
2096 Oct	0.000362	0.000148	0.00076	0.04	0.00000491	3.27	3.42	0.0316	0.00159	12.5	0.00166	0.0366	0.000111	0.000308	0.000177	0.142	0.00000521	0.000564	0.000265	0.000936	0.000702
2096 Nov	0.000362	0.000148	0.000759	0.04	0.00000491	3.28	3.42	0.0316	0.00159	12.5	0.00166	0.0365	0.000111	0.000308	0.000177	0.142	0.00000522	0.000564	0.000265	0.000936	0.000703
2096 Dec	0.000362	0.000148	0.000759	0.04	0.00000491	3.28	3.42	0.0316	0.00159	12.5	0.00166	0.0365	0.000111	0.000308	0.000177	0.142	0.00000522	0.000564	0.000265	0.000936	0.000703
2097 Jan	0.000362	0.000148	0.000759	0.04	0.00000491	3.28	3.42	0.0316	0.00159	12.5	0.00166	0.0365	0.000111	0.000308	0.000177	0.142	0.00000522	0.000564	0.000265	0.000936	0.000703
2097 Feb	0.000362	0.000148	0.000759	0.04	0.00000491	3.28	3.42	0.0316	0.00159	12.5	0.00166	0.0365	0.000111	0.000308	0.000177	0.142	0.00000522	0.000564	0.000265	0.000936	0.000703
2097 Mar	0.000362	0.000148	0.000759	0.04	0.00000491	3.28	3.42	0.0316	0.00159	12.5	0.00166	0.0365	0.000111	0.000308	0.000177	0.142	0.00000522	0.000564	0.000265	0.000936	0.000703
2097 Apr	0.000362	0.000148	0.00076	0.04	0.00000491	3.28	3.42	0.0316	0.00159	12.5	0.00166	0.0365	0.000111	0.000308	0.000177	0.142	0.00000522	0.000564	0.000265	0.000936	0.000703
2097 May	0.000362	0.000148	0.00076	0.0401	0.00000492	3.28	3.42	0.0317	0.00159	12.5	0.00166	0.0365	0.000112	0.000309	0.000177	0.142	0.00000522	0.000564	0.000265	0.000937	0.000703
2097 Jun	0.000363	0.000149	0.000759	0.0402	0.00000493	3.29	3.43	0.0318	0.0016	12.5	0.00166	0.0362	0.000112	0.000309	0.000178	0.142	0.00000525	0.000565	0.000266	0.000937	0.000708
2097 Jul	0.000364	0.000149	0.000761	0.0403	0.00000494	3.3	3.44	0.0319	0.00161	12.5	0.00166	0.0362	0.000113	0.00031	0.000179	0.143	0.00000527	0.000567	0.000267	0.00094	0.00071
2097 Aug	0.000365	0.000149	0.000763	0.0404	0.00000495	3.3	3.44	0.0319	0.00161	12.5	0.00167	0.0363	0.000113	0.00031	0.000179	0.143	0.00000528	0.000568	0.000267	0.000941	0.000711
2097 Sep	0.000365	0.000149	0.000763	0.0404	0.00000495	3.3	3.44	0.032	0.00161	12.5	0.00167	0.0363	0.000113	0.000311	0.000179	0.143	0.00000528	0.000568	0.000267	0.000942	0.000711
2097 Oct	0.000365	0.000149	0.000763	0.0404	0.00000495	3.3	3.44	0.032	0.00161	12.5	0.00167	0.0363	0.000113	0.000311	0.000179	0.143	0.00000528	0.000568	0.000267	0.000942	0.000711
2097 Nov	0.000365	0.000149	0.000763	0.0404	0.00000495	3.3	3.44	0.0319	0.00161	12.5	0.00167	0.0363	0.000113	0.00031	0.000179	0.143	0.00000528	0.000568	0.000267	0.000942	0.000711
2097 Dec	0.000365	0.000149	0.000763	0.0404	0.00000495	3.3	3.44	0.0319	0.00161	12.5	0.00167	0.0363	0.000113	0.00031	0.000179	0.143	0.00000528	0.000568	0.000267	0.000942	0.000711
2098 Jan	0.000365	0.000149	0.000763	0.0404	0.00000495	3.3	3.44	0.032	0.00161	12.5	0.00167	0.0363	0.000113	0.00031	0.000179	0.143	0.00000528	0.000568	0.000267	0.000942	0.000711
2098 Feb	0.000365	0.000149	0.000763	0.0404	0.00000495	3.3	3.44	0.032	0.00161	12.5	0.00167	0.0363	0.000113	0.00031	0.000179	0.143	0.00000528	0.000568	0.000267	0.000942	0.000711
2098 Mar	0.000365	0.000149	0.000763	0.0404	0.00000495	3.3	3.44	0.032	0.00161	12.5	0.00167	0.0363	0.000113	0.00031	0.000179	0.143	0.00000528	0.000568	0.000267	0.000942	0.000711
2098 Apr	0.000365	0.000149	0.000763	0.0404	0.00000495	3.3	3.44	0.032	0.00161	12.5	0.00167	0.0363	0.000113	0.000311	0.000179	0.143	0.00000528	0.000568	0.000267	0.000942	0.000711
2098 May	0.000365	0.000149	0.000763	0.0405	0.00000495	3.3	3.44	0.032	0.00161	12.5	0.00167	0.0362	0.000113	0.00031	0.000179	0.143	0.00000528	0.000567	0.000268	0.000942	0.000711
2098 Jun	0.000367	0.00015	0.00076	0.0407	0.00000497	3.32	3.45	0.0323	0.00164	12.4	0.00166	0.0353	0.000114	0.000311	0.00018	0.143	0.00000535	0.000569	0.000269	0.000939	0.00072

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2098 Jul	0.000368	0.00015	0.000762	0.0408	0.00000498	3.33	3.47	0.0324	0.00164	12.4	0.00167	0.0354	0.000114	0.000312	0.000181	0.144	0.00000538	0.000571	0.00027	0.000942	0.000724
2098 Aug	0.000369	0.000151	0.000762	0.0409	0.00000499	3.33	3.47	0.0324	0.00165	12.4	0.00167	0.0354	0.000115	0.000313	0.000181	0.144	0.00000538	0.000572	0.00027	0.000943	0.000724
2098 Sep	0.000368	0.00015	0.000761	0.0408	0.00000499	3.33	3.46	0.0324	0.00165	12.4	0.00167	0.0352	0.000114	0.000312	0.000181	0.144	0.00000538	0.000571	0.000269	0.000942	0.000725
2098 Oct	0.000369	0.00015	0.00076	0.0408	0.000005	3.34	3.47	0.0325	0.00166	12.3	0.00167	0.0349	0.000114	0.000313	0.000181	0.144	0.00000542	0.000572	0.00027	0.000941	0.00073
2098 Nov	0.00037	0.00015	0.00076	0.0409	0.000005	3.34	3.47	0.0325	0.00167	12.3	0.00167	0.0348	0.000114	0.000313	0.000182	0.144	0.00000544	0.000573	0.00027	0.000941	0.000732
2098 Dec	0.00037	0.00015	0.00076	0.0409	0.000005	3.34	3.47	0.0325	0.00167	12.3	0.00167	0.0348	0.000114	0.000313	0.000182	0.144	0.00000544	0.000573	0.00027	0.000941	0.000732
2099 Jan	0.00037	0.00015	0.00076	0.0409	0.000005	3.34	3.47	0.0325	0.00167	12.3	0.00167	0.0348	0.000114	0.000313	0.000182	0.144	0.00000544	0.000573	0.00027	0.000941	0.000732
2099 Feb	0.00037	0.00015	0.00076	0.0409	0.000005	3.34	3.47	0.0325	0.00167	12.3	0.00167	0.0348	0.000114	0.000313	0.000182	0.144	0.00000544	0.000573	0.00027	0.000941	0.000732
2099 Mar	0.00037	0.00015	0.00076	0.0409	0.000005	3.34	3.47	0.0325	0.00167	12.3	0.00167	0.0348	0.000114	0.000313	0.000182	0.144	0.00000544	0.000573	0.00027	0.000941	0.000732
2099 Apr	0.00037	0.00015	0.00076	0.0409	0.000005	3.34	3.48	0.0325	0.00167	12.3	0.00167	0.0348	0.000114	0.000313	0.000182	0.144	0.00000544	0.000573	0.00027	0.000942	0.000732
2099 May	0.000371	0.000151	0.000759	0.0411	0.00000501	3.35	3.48	0.0327	0.00168	12.3	0.00167	0.0344	0.000115	0.000313	0.000182	0.145	0.00000547	0.000574	0.000271	0.000941	0.000736
2099 Jun	0.000373	0.000152	0.000759	0.0412	0.00000502	3.37	3.49	0.0329	0.00169	12.2	0.00167	0.034	0.000116	0.000314	0.000183	0.145	0.00000552	0.000576	0.000272	0.000941	0.000743
2099 Jul	0.000374	0.000152	0.000761	0.0413	0.00000504	3.37	3.5	0.033	0.0017	12.3	0.00168	0.0341	0.000116	0.000315	0.000184	0.146	0.00000554	0.000577	0.000273	0.000944	0.000745
2099 Aug	0.000375	0.000152	0.000762	0.0414	0.00000505	3.38	3.51	0.033	0.0017	12.3	0.00168	0.0342	0.000116	0.000316	0.000184	0.146	0.00000555	0.000578	0.000273	0.000946	0.000746
2099 Sep	0.000374	0.000152	0.000762	0.0414	0.00000505	3.38	3.51	0.033	0.0017	12.3	0.00168	0.0342	0.000116	0.000316	0.000184	0.146	0.00000554	0.000578	0.000273	0.000945	0.000746
2099 Oct	0.000374	0.000152	0.000761	0.0414	0.00000504	3.38	3.5	0.033	0.0017	12.3	0.00168	0.034	0.000116	0.000315	0.000184	0.146	0.00000555	0.000577	0.000273	0.000944	0.000746
2099 Nov	0.000375	0.000152	0.000761	0.0414	0.00000505	3.38	3.51	0.033	0.00171	12.2	0.00168	0.0339	0.000116	0.000316	0.000184	0.146	0.00000556	0.000578	0.000273	0.000944	0.000748
2099 Dec	0.000375	0.000152	0.000761	0.0414	0.00000505	3.38	3.51	0.033	0.00171	12.2	0.00168	0.0339	0.000116	0.000316	0.000184	0.146	0.00000556	0.000578	0.000273	0.000944	0.000748
2100 Jan	0.000375	0.000152	0.000761	0.0414	0.00000505	3.38	3.51	0.033	0.00171	12.2	0.00168	0.0339	0.000116	0.000316	0.000184	0.146	0.00000556	0.000578	0.000273	0.000944	0.000748
2100 Feb	0.000375	0.000152	0.000761	0.0414	0.00000505	3.38	3.51	0.033	0.00171	12.2	0.00168	0.0339	0.000116	0.000316	0.000184	0.146	0.00000556	0.000578	0.000273	0.000944	0.000748
2100 Mar	0.000375	0.000152	0.000761	0.0414	0.00000505	3.38	3.51	0.033	0.00171	12.2	0.00168	0.0339	0.000116	0.000316	0.000184	0.146	0.00000556	0.000578	0.000273	0.000944	0.000748
2100 Apr	0.000375	0.000152	0.000761	0.0414	0.00000505	3.38	3.51	0.033	0.00171	12.2	0.00168	0.0339	0.000116	0.000316	0.000184	0.146	0.00000557	0.000578	0.000273	0.000944	0.000749
2100 May	0.000375	0.000152	0.000761	0.0415	0.00000505	3.38	3.51	0.0331	0.00171	12.2	0.00168	0.0338	0.000116	0.000316	0.000184	0.146	0.00000557	0.000578	0.000273	0.000944	0.000749
2100 Jun	0.000378	0.000153	0.000759	0.0417	0.00000507	3.4	3.52	0.0334	0.00174	12.1	0.00168	0.0331	0.000117	0.000317	0.000186	0.147	0.00000566	0.000581	0.000275	0.000944	0.000761
2100 Jul	0.000379	0.000153	0.000759	0.0418	0.00000508	3.41	3.53	0.0335	0.00174	12.1	0.00168	0.033	0.000117	0.000318	0.000186	0.147	0.00000568	0.000582	0.000275	0.000945	0.000764
2100 Aug	0.000379	0.000153	0.00076	0.0418	0.00000509	3.42	3.54	0.0335	0.00175	12.1	0.00168	0.0329	0.000117	0.000318	0.000186	0.147	0.0000057	0.000582	0.000275	0.000945	0.000766
2100 Sep	0.00038	0.000153	0.00076	0.0418	0.00000509	3.42	3.54	0.0336	0.00175	12.1	0.00168	0.0328	0.000118	0.000319	0.000187	0.147	0.00000571	0.000583	0.000275	0.000946	0.000768
2100 Oct	0.00038	0.000153	0.00076	0.0418	0.0000051	3.42	3.54	0.0336	0.00176	12.1	0.00168	0.0328	0.000118	0.000319	0.000187	0.147	0.00000572	0.000584	0.000275	0.000946	0.000769
2100 Nov	0.00038	0.000153	0.00076	0.0418	0.0000051	3.43	3.54	0.0336	0.00176	12.1	0.00168	0.0328	0.000118	0.000319	0.000187	0.148	0.00000572	0.000584	0.000275	0.000946	0.000769
2100 Dec	0.00038	0.000153	0.00076	0.0418	0.0000051	3.43	3.54	0.0336	0.00176	12.1	0.00168	0.0328	0.000118	0.000319	0.000187	0.148	0.00000572	0.000584	0.000276	0.000946	0.000769
2101 Jan	0.00038	0.000153	0.00076	0.0419	0.0000051	3.43	3.54	0.0336	0.00176	12.1	0.00168	0.0328	0.000118	0.000319	0.000187	0.148	0.00000572	0.000584	0.000276	0.000946	0.000769
2101 Feb	0.00038	0.000153	0.00076	0.0419	0.0000051	3.43	3.54	0.0336	0.00176	12.1	0.00168	0.0328	0.000118	0.000319	0.000187	0.148	0.00000572	0.000584	0.000276	0.000946	0.000769
2101 Mar	0.00038	0.000153	0.00076	0.0419	0.0000051	3.43	3.54	0.0336	0.00176	12.1	0.00168	0.0328	0.000118	0.000319	0.000187	0.148	0.00000572	0.000584	0.000276	0.000946	0.000769
2101 Apr	0.00038	0.000153	0.00076	0.0419	0.0000051	3.43	3.54	0.0336	0.00176	12.1	0.00168	0.0328	0.000118	0.000319	0.000187	0.148	0.00000573	0.000584	0.000276	0.000946	0.00077
2101 May	0.000381	0.000154	0.00076	0.042	0.0000051	3.43	3.55	0.0337	0.00176	12.1	0.00168	0.0327	0.000118	0.000319	0.000187	0.148	0.00000573	0.000584	0.000276	0.000946	0.000771
2101 Jun	0.000382	0.000154	0.000759	0.0421	0.00000512	3.44	3.56	0.0339	0.00178	12	0.00168	0.0322	0.000119	0.00032	0.000188	0.148	0.00000579	0.000586	0.000277	0.000946	0.000778
2101 Jul	0.000384	0.000155	0.000761	0.0422	0.00000513	3.45	3.57	0.034	0.00179	12.1	0.00169	0.0322	0.000119	0.000321	0.000189	0.149	0.00000582	0.000587	0.000278	0.000949	0.000782
2101 Aug	0.000384	0.000155	0.000763	0.0423	0.00000515	3.46	3.58	0.0341	0.00179	12.1	0.00169	0.0323	0.000119	0.000322	0.000189	0.149	0.00000583	0.000589	0.000279	0.000951	0.000783
2101 Sep	0.000384	0.000155	0.000762	0.0423	0.00000515	3.46	3.57	0.0341	0.00179	12.1	0.00169	0.0323	0.000119	0.000321	0.000189	0.149	0.00000583	0.000588	0.000278	0.000951	0.000783
2101 Oct	0.000384	0.000155	0.000762	0.0423	0.00000515	3.46	3.57	0.034	0.00179	12.1	0.00169	0.0323	0.000119	0.000321	0.000189	0.149	0.00000583	0.000588	0.000278	0.000951	0.000783
2101 Nov	0.000384	0.000155	0.000761	0.0423	0.00000514	3.45	3.57	0.034	0.00179	12.1	0.00169	0.0322	0.000119	0.000321	0.000189	0.149	0.00000582	0.000587	0.000278	0.000949	0.000781
2101 Dec	0.000384	0.000155	0.000761	0.0423	0.00000514	3.45	3.57	0.034	0.00179	12.1	0.00169	0.0322	0.000119	0.000321	0.000189	0.149	0.00000582	0.000587	0.000278	0.000949	0.000781
2102 Jan	0.000384	0.000155	0.000761	0.0423	0.00000514	3.45	3.57	0.034	0.00179	12.1	0.00169	0.0322	0.000119	0.000321	0.000189	0.149	0.00000582	0.000587	0.000278	0.000949	0.000781
2102 Feb	0.000384	0.000155	0.000761	0.0423	0.00000514	3.45	3.57	0.034	0.00179	12.1	0.00169	0.0322	0.000119	0.000321	0.000189	0.149	0.00000582	0.000587	0.000278	0.000949	0.000781
2102 Mar	0.000384	0.000155	0.000761	0.0423	0.00000514	3.45	3.57	0.034	0.00179	12.1	0.00169	0.0322	0.000119	0.000321	0.000189	0.149	0.00000582	0.000587	0.000278	0.000949	0.000781
2102 Apr	0.000384	0.000155	0.000761	0.0423	0.00000514	3.45	3.57	0.034	0.00179	12.1	0.00169	0.0322	0.000119	0.000321	0.000189	0.149	0.00000582	0.000587	0.000278	0.00095	0.000781
2102 May	0.000384	0.000155	0.000762	0.0423	0.00000514	3.46	3.57	0.034	0.00179	12.1	0.00169	0.0322	0.000119	0.000321	0.000189	0.149	0.00000582	0.000588	0.000278	0.00095	0.000782
2102 Jun	0.000384	0.000154	0.000759	0.0423	0.00000515	3.46	3.57	0.0341	0.0018	12	0.00169	0.0318	0.000119	0.000321	0.000189	0.149	0.00000586	0.000588	0.000278	0.000949	0.000787
2102 Jul	0.000386	0.000155	0.000759	0.0424	0.00000517	3.48	3.58	0.0342	0.00182	12	0.00169	0.0314	0.000119	0.000322	0.00019	0.149	0.00000592	0.00059	0.000279	0.000951	0.000795
2102 Aug	0.000387	0.000155	0.00076	0.0425	0.00000517	3.48	3.59	0.0343	0.00182	12	0.00169	0.0315	0.000119	0.000323	0.000191	0.15	0.00000593	0.000591	0.000279	0.000952	0.000796
2102 Sep	0.000387	0.000155	0.00076	0.0425	0.00000518	3.48	3.59	0.0343	0.00182	12	0.00169	0.0315	0.000119	0.000323	0.000191	0.15	0.00000593	0.000591	0.000279	0.000952	0.000796
2102 Oct	0.000386	0.000155	0.000759	0.0424	0.00000517	3.48	3.58	0.0342	0.00182	11.9	0.00169	0.0314	0.000119	0.000322	0.00019	0.149	0.00000592	0.00059	0.000279	0.00095	0.000795
2102 Nov	0.000386	0.000155	0.000759	0.0424	0.00000517	3.48	3.58	0.0342	0.00182	11.9	0.00169	0.0314	0.000119	0.000322	0.00019	0.149	0.00000592	0.00059	0.000279	0.00095	0.000795
2102 Dec	0.000386	0.000155	0.000759	0.0424	0.00000517	3.48	3.58	0.0342	0.00182	11.9	0.00169	0.0314	0.000119	0.000322	0.00019	0.149	0.00000592	0.00059	0.000279	0.00095	0.000795
2103 Jan	0.000386	0.000155	0.000759	0.0424	0.00000517	3.48	3.58	0.0342	0.00182	11.9	0.00169	0.0314	0.000119	0.000322	0.00019	0.149	0.00000592	0.00059	0.000279	0.00095	0.000795
2103 Feb	0.000386	0.000155	0.000759	0.0424	0.00000517	3.48	3.58	0.0342	0.00182	11.9	0.00169	0.0314	0.000119	0.000322	0.00019	0.149	0.00000592	0.00059	0.000279	0.00095	0.000795
2103 Mar	0.000386	0.000155	0.000759	0.0424	0.00000517	3.48	3.58	0.0342	0.00182	11.9	0.00169	0.0314	0.000119	0.000322	0.00019	0.149	0.00000592	0.00059	0.000279	0.000951	0.000795
2103 Apr	0.000386	0.000155	0.000759	0.0424	0.00000517	3.48	3.58	0.0342	0.00182	12	0.00169	0.0314	0.000119	0.000322	0.00019	0.149	0.00000592	0.00059	0.000279	0.000951	0.000795
2103 May	0.000387	0.000155	0.000759	0.0425	0.00000517	3.48	3.58	0.0343	0.00182	11.9	0.00169	0.0313	0.000119	0.000322	0.000191	0.15	0.00000593	0.00059	0.000279	0.000951	0.000796
2103 Jun	0.000389	0.000156	0.000757	0.0427	0.00000519	3.5	3.6	0.0346	0.00185	11.8	0.00169	0.0306	0.00012	0.000323	0.000192	0.15	0.00000601	0.000592	0.00028	0.00095	0.000807
2103 Jul	0.00039	0.000156	0.000758	0.0428	0.0000052	3.51	3.61	0.0347	0.00186	11.8	0.00169	0.0305	0.000121	0.000324	0.000193	0.151	0.00000605	0.000593	0.000281	0.000952	0.000811
2103 Aug	0.000391	0.000156	0.000758	0.0429	0.00000521	3.52	3.61	0.0348	0.00187	11.8	0.00169	0.0304	0.000121	0.000325	0.000193	0.151	0.00000607	0.000594	0.000281	0.000953	0.000814
2103 Sep	0.000392	0.000156	0.000758	0.0429	0.00000522	3.52	3.62	0.0348	0.00188	11.8	0.00169	0.0303	0.000121	0.000325	0.000193	0.151	0.00000609	0.000595	0.000281	0.000953	0.000817
2103 Oct	0.000393	0.000156	0.000757	0.0429	0.00000523	3.53	3.62	0.0349	0.00189	11.8	0.00169	0.03	0.000121	0.000325	0.000194	0.151	0.00000613	0.000596	0.000281	0.000952	0.000822
2103 Nov	0.000393	0.000156	0.000756	0.0429	0.00000523	3.53	3.62	0.0349	0.00189	11.8	0.00169	0.0299	0.000121	0.000326	0.000194	0.151	0.00000614	0.000596	0.000281	0.000952	0.000824

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	**-**	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2103 Dec	0.000393	0.000156	0.000756	0.0429	0.00000523	3.53	3.62	0.0349	0.00189	11.8	0.00169	0.0299	0.000121	0.000326	0.000194	0.151	0.00000614	0.000596	0.000281	0.000952	0.000824
2104 Jan	0.000393	0.000156	0.000756	0.0429	0.00000523	3.53	3.62	0.0349	0.00189	11.8	0.00169	0.0299	0.000121	0.000326	0.000194	0.151	0.00000614	0.000596	0.000281	0.000952	0.000824
2104 Feb	0.000393	0.000156	0.000756	0.0429	0.00000523	3.53	3.62	0.0349	0.00189	11.8	0.00169	0.0299	0.000121	0.000326	0.000194	0.151	0.00000614	0.000596	0.000281	0.000952	0.000824
2104 Mar	0.000393	0.000156	0.000756	0.0429	0.00000523	3.53	3.62	0.0349	0.00189	11.8	0.00169	0.0299	0.000121	0.000326	0.000194	0.151	0.00000614	0.000596	0.000281	0.000952	0.000824
2104 Apr	0.000393	0.000156	0.000757	0.0429	0.00000523	3.53	3.62	0.0349	0.00189	11.8	0.00169	0.0299	0.000121	0.000326	0.000194	0.151	0.00000615	0.000596	0.000282	0.000952	0.000824
2104 May	0.000393	0.000156	0.000756	0.043	0.00000523	3.53	3.63	0.035	0.0019	11.7	0.00169	0.0298	0.000121	0.000326	0.000194	0.151	0.00000615	0.000596	0.000282	0.000952	0.000825
2104 Jun	0.000395	0.000157	0.000755	0.0432	0.00000525	3.55	3.64	0.0352	0.00192	11.7	0.00169	0.0292	0.000122	0.000327	0.000196	0.152	0.00000623	0.000598	0.000283	0.000951	0.000835
2104 Jul	0.000396	0.000157	0.000756	0.0433	0.00000526	3.56	3.65	0.0353	0.00193	11.7	0.0017	0.0292	0.000122	0.000327	0.000196	0.152	0.00000625	0.000599	0.000284	0.000953	0.000838
2104 Aug	0.000397	0.000157	0.000757	0.0434	0.00000527	3.56	3.65	0.0353	0.00193	11.7	0.0017	0.0293	0.000122	0.000328	0.000196	0.152	0.00000626	0.0006	0.000284	0.000954	0.000838
2104 Sep	0.000397	0.000157	0.000756	0.0434	0.00000527	3.56	3.65	0.0354	0.00193	11.7	0.0017	0.0292	0.000122	0.000328	0.000196	0.152	0.00000626	0.000599	0.000284	0.000954	0.000839
2104 Oct	0.000397	0.000157	0.000756	0.0434	0.00000527	3.57	3.65	0.0354	0.00194	11.6	0.0017	0.029	0.000122	0.000328	0.000197	0.153	0.00000629	0.0006	0.000284	0.000954	0.000843
2104 Nov	0.000398	0.000157	0.000756	0.0434	0.00000527	3.57	3.65	0.0354	0.00194	11.6	0.0017	0.029	0.000122	0.000328	0.000197	0.153	0.0000063	0.0006	0.000284	0.000954	0.000844
2104 Dec	0.000398	0.000157	0.000756	0.0434	0.00000527	3.57	3.65	0.0354	0.00194	11.6	0.0017	0.029	0.000122	0.000328	0.000197	0.153	0.0000063	0.0006	0.000284	0.000954	0.000844
2105 Jan	0.000398	0.000157	0.000756	0.0434	0.00000527	3.57	3.65	0.0354	0.00194	11.6	0.0017	0.029	0.000122	0.000328	0.000197	0.153	0.0000063	0.0006	0.000284	0.000954	0.000844
2105 Feb	0.000398	0.000157	0.000756	0.0434	0.00000527	3.57	3.65	0.0354	0.00194	11.6	0.0017	0.029	0.000122	0.000328	0.000197	0.153	0.0000063	0.0006	0.000284	0.000954	0.000844
2105 Mar	0.000398	0.000157	0.000756	0.0434	0.00000527	3.57	3.65	0.0354	0.00194	11.6	0.0017	0.029	0.000122	0.000328	0.000197	0.153	0.0000063	0.0006	0.000284	0.000954	0.000844
2105 Apr	0.000398	0.000157	0.000756	0.0434	0.00000528	3.57	3.66	0.0354	0.00194	11.6	0.0017	0.029	0.000122	0.000328	0.000197	0.153	0.0000063	0.0006	0.000284	0.000954	0.000844
2105 May	0.000398	0.000158	0.000756	0.0435	0.00000528	3.57	3.66	0.0355	0.00194	11.6	0.0017	0.0289	0.000123	0.000328	0.000197	0.153	0.00000631	0.0006	0.000285	0.000954	0.000845
2105 Jun	0.000399	0.000158	0.000755	0.0436	0.00000529	3.58	3.66	0.0357	0.00196	11.6	0.0017	0.0286	0.000123	0.000329	0.000198	0.153	0.00000635	0.000601	0.000285	0.000954	0.00085
2105 Jul	0.0004	0.000158	0.000757	0.0437	0.0000053	3.59	3.67	0.0357	0.00196	11.6	0.0017	0.0287	0.000123	0.000329	0.000198	0.153	0.00000636	0.000602	0.000286	0.000956	0.000852
2105 Aug	0.0004	0.000158	0.000757	0.0438	0.00000531	3.59	3.68	0.0358	0.00197	11.6	0.0017	0.0285	0.000123	0.00033	0.000198	0.154	0.00000638	0.000603	0.000286	0.000956	0.000855
2105 Sep	0.000402	0.000159	0.000756	0.0438	0.00000532	3.6	3.68	0.0359	0.00198	11.6	0.0017	0.0282	0.000123	0.00033	0.000199	0.154	0.00000643	0.000604	0.000286	0.000956	0.000861
2105 Oct	0.000402	0.000159	0.000755	0.0438	0.00000532	3.61	3.69	0.0359	0.00199	11.5	0.0017	0.028	0.000123	0.00033	0.0002	0.154	0.00000646	0.000605	0.000286	0.000955	0.000865
2105 Nov	0.000403	0.000159	0.000755	0.0438	0.00000532	3.61	3.69	0.036	0.002	11.5	0.0017	0.0279	0.000123	0.000331	0.0002	0.154	0.00000648	0.000605	0.000286	0.000955	0.000867
2105 Dec	0.000403	0.000159	0.000755	0.0438	0.00000532	3.61	3.69	0.036	0.002	11.5	0.0017	0.0279	0.000123	0.000331	0.0002	0.154	0.00000648	0.000605	0.000286	0.000955	0.000867
2106 Jan	0.000403	0.000159	0.000755	0.0438	0.00000532	3.61	3.69	0.036	0.002	11.5	0.0017	0.0279	0.000123	0.000331	0.0002	0.154	0.00000648	0.000605	0.000286	0.000955	0.000867
2106 Feb	0.000403	0.000159	0.000755	0.0438	0.00000532	3.61	3.69	0.036	0.002	11.5	0.0017	0.0279	0.000123	0.000331	0.0002	0.154	0.00000648	0.000605	0.000286	0.000955	0.000867
2106 Mar	0.000403	0.000159	0.000755	0.0438	0.00000532	3.61	3.69	0.036	0.002	11.5	0.0017	0.0279	0.000123	0.000331	0.0002	0.154	0.00000648	0.000605	0.000286	0.000955	0.000867
2106 Apr	0.000403	0.000159	0.000755	0.0438	0.00000532	3.61	3.69	0.036	0.002	11.5	0.0017	0.0279	0.000123	0.000331	0.0002	0.154	0.00000648	0.000605	0.000286	0.000955	0.000867
2106 May	0.000403	0.000159	0.000755	0.0439	0.00000533	3.61	3.69	0.036	0.002	11.5	0.0017	0.0279	0.000124	0.000331	0.0002	0.154	0.00000648	0.000605	0.000287	0.000956	0.000868
2106 Jun	0.000404	0.000159	0.000753	0.044	0.00000534	3.62	3.7	0.0362	0.00202	11.4	0.0017	0.0274	0.000124	0.000331	0.000201	0.155	0.00000655	0.000606	0.000287	0.000955	0.000876
2106 Jul	0.000406	0.00016	0.000754	0.0441	0.00000536	3.64	3.71	0.0363	0.00203	11.4	0.00171	0.0274	0.000125	0.000332	0.000202	0.155	0.00000659	0.000608	0.000288	0.000958	0.000881
2106 Aug	0.000406	0.00016	0.000755	0.0442	0.00000536	3.64	3.71	0.0364	0.00203	11.4	0.00171	0.0273	0.000125	0.000332	0.000202	0.155	0.00000659	0.000608	0.000288	0.000958	0.000882
2106 Sep	0.000407	0.00016	0.000754	0.0442	0.00000537	3.65	3.71	0.0364	0.00204	11.4	0.00171	0.0271	0.000125	0.000333	0.000202	0.155	0.00000662	0.000608	0.000288	0.000958	0.000886
2106 Oct	0.000407	0.00016	0.000754	0.0442	0.00000537	3.65	3.72	0.0365	0.00205	11.4	0.00171	0.027	0.000125	0.000333	0.000202	0.155	0.00000664	0.000609	0.000288	0.000957	0.000888
2106 Nov	0.000407	0.00016	0.000754	0.0442	0.00000537	3.65	3.72	0.0365	0.00205	11.4	0.00171	0.027	0.000125	0.000333	0.000203	0.155	0.00000664	0.000609	0.000288	0.000957	0.000888
2106 Dec	0.000407	0.00016	0.000754	0.0442	0.00000537	3.65	3.72	0.0365	0.00205	11.4	0.00171	0.027	0.000125	0.000333	0.000203	0.155	0.00000664	0.000609	0.000288	0.000958	0.000888
2107 Jan	0.000407	0.00016	0.000754	0.0442	0.00000537	3.65	3.72	0.0365	0.00205	11.4	0.00171	0.027	0.000125	0.000333	0.000203	0.155	0.00000664	0.000609	0.000288	0.000958	0.000888
2107 Feb	0.000407	0.00016	0.000754	0.0442	0.00000537	3.65	3.72	0.0365	0.00205	11.4	0.00171	0.027	0.000125	0.000333	0.000203	0.156	0.00000664	0.000609	0.000288	0.000958	0.000888
2107 Mar	0.000407	0.00016	0.000754	0.0442	0.00000537	3.65	3.72	0.0365	0.00205	11.4	0.00171	0.027	0.000125	0.000333	0.000203	0.156	0.00000664	0.000609	0.000288	0.000958	0.000888
2107 Apr	0.000407	0.00016	0.000754	0.0442	0.00000537	3.65	3.72	0.0365	0.00205	11.4	0.00171	0.027	0.000125	0.000333	0.000203	0.156	0.00000664	0.000609	0.000289	0.000958	0.000888
2107 May	0.000408	0.00016	0.000754	0.0443	0.00000537	3.65	3.72	0.0365	0.00205	11.4	0.00171	0.027	0.000125	0.000333	0.000203	0.156	0.00000665	0.000609	0.000289	0.000958	0.000889
2107 Jun	0.000409	0.00016	0.000753	0.0444	0.00000538	3.66	3.72	0.0367	0.00206	11.3	0.00171	0.0267	0.000125	0.000333	0.000203	0.156	0.00000669	0.000609	0.00029	0.000958	0.000894
2107 Jul	0.000409	0.00016	0.000754	0.0445	0.00000539	3.66	3.73	0.0367	0.00207	11.4	0.00171	0.0267	0.000126	0.000334	0.000203	0.156	0.00000669	0.00061	0.00029	0.000959	0.000895
2107 Aug	0.000409	0.000161	0.000755	0.0446	0.0000054	3.67	3.73	0.0367	0.00207	11.4	0.00171	0.0268	0.000126	0.000334	0.000204	0.156	0.0000067	0.000611	0.00029	0.00096	0.000896
2107 Sep	0.00041	0.000161	0.000755	0.0446	0.0000054	3.67	3.73	0.0367	0.00207	11.4	0.00171	0.0268	0.000126	0.000334	0.000204	0.156	0.0000067	0.000611	0.00029	0.000961	0.000896
2107 Oct	0.000409	0.000161	0.000755	0.0446	0.0000054	3.67	3.73	0.0367	0.00207	11.4	0.00171	0.0267	0.000126	0.000334	0.000204	0.156	0.00000671	0.00061	0.00029	0.00096	0.000897
2107 Nov	0.00041	0.000161	0.000754	0.0446	0.0000054	3.67	3.73	0.0367	0.00207	11.4	0.00171	0.0267	0.000126	0.000334	0.000204	0.156	0.00000671	0.000611	0.00029	0.00096	0.000897
2107 Dec	0.00041	0.000161	0.000754	0.0446	0.0000054	3.67	3.73	0.0368	0.00207	11.4	0.00171	0.0267	0.000126	0.000334	0.000204	0.156	0.00000671	0.000611	0.00029	0.00096	0.000897
2108 Jan	0.00041	0.000161	0.000754	0.0446	0.0000054	3.67	3.73	0.0368	0.00207	11.4	0.00171	0.0267	0.000126	0.000334	0.000204	0.156	0.00000671	0.000611	0.00029	0.00096	0.000897
2108 Feb	0.00041	0.000161	0.000754	0.0446	0.0000054	3.67	3.73	0.0368	0.00207	11.4	0.00171	0.0267	0.000126	0.000334	0.000204	0.156	0.00000671	0.000611	0.00029	0.00096	0.000898
2108 Mar	0.00041	0.000161	0.000755	0.0446	0.0000054	3.67	3.73	0.0368	0.00207	11.4	0.00171	0.0267	0.000126	0.000334	0.000204	0.156	0.00000671	0.000611	0.00029	0.00096	0.000898
2108 Apr	0.00041	0.000161	0.000755	0.0446	0.0000054	3.67	3.74	0.0368	0.00207	11.4	0.00171	0.0267	0.000126	0.000334	0.000204	0.156	0.00000672	0.000611	0.00029	0.000961	0.000898
2108 May	0.00041	0.000161	0.000756	0.0447	0.00000541	3.67	3.74	0.0368	0.00208	11.4	0.00171	0.0267	0.000126	0.000334	0.000204	0.156	0.00000672	0.000611	0.000291	0.000961	0.000899
2108 Jun	0.00041	0.000161	0.000754	0.0447	0.00000541	3.67	3.74	0.0368	0.00208	11.3	0.00171	0.0265	0.000126	0.000334	0.000204	0.156	0.00000673	0.00061	0.000291	0.000961	0.0009
2108 Jul	0.000411	0.000161	0.000756	0.0448	0.00000542	3.68	3.74	0.0369	0.00208	11.3	0.00171	0.0265	0.000126	0.000335	0.000205	0.157	0.00000676	0.000612	0.000292	0.000963	0.000903
2108 Aug	0.000412	0.000162	0.000757	0.0449	0.00000543	3.69	3.75	0.037	0.00209	11.4	0.00172	0.0266	0.000127	0.000336	0.000205	0.157	0.00000677	0.000613	0.000292	0.000966	0.000905
2108 Sep	0.000412	0.000162	0.000758	0.0449	0.00000544	3.69	3.76	0.037	0.00209	11.4	0.00172	0.0266	0.000127	0.000336	0.000205	0.157	0.00000677	0.000614	0.000292	0.000966	0.000905
2108 Oct	0.000411	0.000161	0.000756	0.0448	0.00000543	3.68	3.74	0.0369	0.00208	11.3	0.00171	0.0265	0.000126	0.000335	0.000205	0.157	0.00000676	0.000612	0.000292	0.000964	0.000903
2108 Nov	0.000411	0.000161	0.000755	0.0448	0.00000542	3.68	3.74	0.0369	0.00208	11.3	0.00171	0.0265	0.000126	0.000335	0.000204	0.157	0.00000675	0.000611	0.000291	0.000963	0.000902
2108 Dec	0.000411	0.000161	0.000755	0.0448	0.00000542	3.68	3.74	0.0369	0.00208	11.3	0.00171	0.0265	0.000126	0.000335	0.000204	0.157	0.00000675	0.000611	0.000291	0.000963	0.000902
2109 Jan	0.000411	0.000161	0.000755	0.0448	0.00000542	3.68	3.74	0.0369	0.00208	11.3	0.00171	0.0265	0.000126	0.000335	0.000204	0.157	0.00000675	0.000611	0.000291	0.000963	0.000902
2109 Feb	0.000411	0.000161	0.000755	0.0448	0.00000542	3.68	3.74	0.0369	0.00208	11.3	0.00171	0.0265	0.000126	0.000335	0.000204	0.157	0.00000675	0.000611	0.000291	0.000963	0.000902
2109 Mar	0.000411	0.000161	0.000756	0.0448	0.00000542	3.68	3.74	0.0369	0.00208	11.3	0.00171	0.0265	0.000126	0.000335	0.000204	0.157	0.00000675	0.000612	0.000292	0.000963	0.000902
2109 Apr	0.000411	0.000161	0.000756	0.0448	0.00000543	3.68	3.74	0.0369	0.00208	11.3	0.00171	0.0265	0.000126	0.000335	0.000205	0.157	0.00000676	0.000612	0.000292	0.000963	0.000903

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2109 May	0.000411	0.000161	0.000756	0.0449	0.00000543	3.68	3.75	0.037	0.00209	11.3	0.00171	0.0265	0.000127	0.000335	0.000205	0.157	0.00000677	0.000612	0.000292	0.000964	0.000904
2109 Jun	0.000412	0.000162	0.000756	0.0451	0.00000544	3.69	3.75	0.0371	0.0021	11.3	0.00171	0.0263	0.000127	0.000335	0.000205	0.157	0.0000068	0.000612	0.000293	0.000964	0.000908
2109 Jul	0.000413	0.000162	0.000757	0.0452	0.00000545	3.69	3.76	0.0372	0.0021	11.3	0.00172	0.0263	0.000128	0.000336	0.000205	0.157	0.00000681	0.000613	0.000293	0.000966	0.000909
2109 Aug	0.000413	0.000162	0.000758	0.0452	0.00000546	3.7	3.76	0.0372	0.0021	11.3	0.00172	0.0263	0.000128	0.000336	0.000206	0.157	0.00000682	0.000614	0.000294	0.000967	0.00091
2109 Sep	0.000413	0.000162	0.000757	0.0452	0.00000546	3.7	3.76	0.0372	0.00211	11.3	0.00172	0.0263	0.000128	0.000336	0.000206	0.157	0.00000682	0.000614	0.000294	0.000967	0.000911
2109 Oct	0.000414	0.000162	0.000756	0.0452	0.00000546	3.7	3.76	0.0373	0.00212	11.3	0.00172	0.026	0.000128	0.000336	0.000206	0.158	0.00000686	0.000614	0.000294	0.000966	0.000916
2109 Nov	0.000414	0.000162	0.000756	0.0452	0.00000546	3.7	3.77	0.0373	0.00212	11.3	0.00172	0.026	0.000128	0.000336	0.000206	0.158	0.00000686	0.000614	0.000294	0.000966	0.000917
2109 Dec	0.000414	0.000162	0.000756	0.0452	0.00000546	3.7	3.77	0.0373	0.00212	11.3	0.00172	0.026	0.000128	0.000336	0.000206	0.158	0.00000686	0.000614	0.000294	0.000966	0.000917
2110 Jan	0.000414	0.000162	0.000756	0.0452	0.00000546	3.7	3.77	0.0373	0.00212	11.3	0.00172	0.026	0.000128	0.000336	0.000206	0.158	0.00000687	0.000614	0.000294	0.000966	0.000917
2110 Feb	0.000414	0.000162	0.000756	0.0452	0.00000546	3.7	3.77	0.0373	0.00212	11.3	0.00172	0.026	0.000128	0.000336	0.000206	0.158	0.00000687	0.000614	0.000294	0.000966	0.000917
2110 Mar	0.000414	0.000162	0.000756	0.0452	0.00000546	3.7	3.77	0.0373	0.00212	11.3	0.00172	0.026	0.000128	0.000336	0.000206	0.158	0.00000687	0.000614	0.000294	0.000966	0.000917
2110 Apr	0.000414	0.000162	0.000756	0.0453	0.00000546	3.71	3.77	0.0373	0.00212	11.3	0.00172	0.026	0.000128	0.000336	0.000206	0.158	0.00000687	0.000614	0.000294	0.000966	0.000917
2110 May	0.000415	0.000162	0.000756	0.0453	0.00000546	3.71	3.77	0.0373	0.00212	11.3	0.00172	0.026	0.000128	0.000337	0.000206	0.158	0.00000687	0.000614	0.000294	0.000966	0.000917
2110 Jun	0.000416	0.000163	0.000754	0.0454	0.00000547	3.71	3.77	0.0375	0.00214	11.2	0.00171	0.0255	0.000128	0.000337	0.000207	0.158	0.00000693	0.000614	0.000295	0.000965	0.000925
2110 Jul	0.000416	0.000163	0.000755	0.0455	0.00000548	3.72	3.78	0.0376	0.00215	11.2	0.00172	0.0255	0.000129	0.000337	0.000208	0.158	0.00000695	0.000615	0.000295	0.000967	0.000928
2110 Aug	0.000418	0.000163	0.000754	0.0456	0.0000055	3.73	3.79	0.0377	0.00216	11.2	0.00172	0.0252	0.000129	0.000338	0.000209	0.159	0.00000701	0.000616	0.000295	0.000967	0.000936
2110 Sep	0.000419	0.000163	0.000753	0.0456	0.0000055	3.74	3.79	0.0378	0.00218	11.1	0.00171	0.0249	0.000129	0.000338	0.000209	0.159	0.00000707	0.000617	0.000295	0.000966	0.000943
2110 Oct	0.00042	0.000163	0.000751	0.0456	0.00000551	3.75	3.8	0.0379	0.0022	11	0.00171	0.0246	0.000128	0.000338	0.00021	0.159	0.00000712	0.000617	0.000295	0.000964	0.00095
2110 Nov	0.00042	0.000163	0.000751	0.0456	0.00000551	3.75	3.8	0.0379	0.0022	11	0.00171	0.0245	0.000128	0.000338	0.00021	0.159	0.00000713	0.000617	0.000295	0.000964	0.000952
2110 Dec	0.00042	0.000163	0.000751	0.0456	0.00000551	3.75	3.8	0.0379	0.0022	11	0.00171	0.0245	0.000128	0.000338	0.00021	0.159	0.00000713	0.000617	0.000295	0.000964	0.000952
2111 Jan	0.00042	0.000163	0.000751	0.0456	0.00000551	3.75	3.8	0.0379	0.0022	11	0.00171	0.0245	0.000128	0.000338	0.00021	0.159	0.00000713	0.000617	0.000295	0.000964	0.000952
2111 Feb	0.00042	0.000163	0.000751	0.0456	0.00000551	3.75	3.8	0.0379	0.0022	11	0.00171	0.0245	0.000128	0.000338	0.00021	0.159	0.00000713	0.000617	0.000295	0.000964	0.000952
2111 Mar	0.00042	0.000163	0.000751	0.0456	0.00000551	3.75	3.8	0.0379	0.0022	11	0.00171	0.0245	0.000128	0.000338	0.00021	0.159	0.00000713	0.000617	0.000295	0.000964	0.000952
2111 Apr	0.00042	0.000163	0.000751	0.0456	0.00000551	3.75	3.8	0.0379	0.0022	11	0.00171	0.0245	0.000128	0.000338	0.00021	0.159	0.00000714	0.000618	0.000295	0.000964	0.000952
2111 May	0.00042	0.000163	0.000751	0.0457	0.00000551	3.76	3.8	0.038	0.0022	11	0.00171	0.0245	0.000129	0.000339	0.00021	0.159	0.00000714	0.000618	0.000296	0.000965	0.000953
2111 Jun	0.000421	0.000164	0.00075	0.0459	0.00000552	3.76	3.81	0.0381	0.00222	11	0.00171	0.0242	0.00013	0.000339	0.000211	0.159	0.00000719	0.000617	0.000297	0.000964	0.000959
2111 Jul	0.000422	0.000164	0.000752	0.046	0.00000553	3.77	3.82	0.0382	0.00222	11	0.00172	0.0242	0.00013	0.00034	0.000211	0.16	0.00000721	0.000619	0.000297	0.000967	0.000961
2111 Aug	0.000423	0.000164	0.000752	0.046	0.00000554	3.77	3.82	0.0382	0.00223	11	0.00172	0.0242	0.00013	0.00034	0.000212	0.16	0.00000722	0.000619	0.000297	0.000967	0.000962
2111 Sep	0.000423	0.000164	0.000751	0.046	0.00000554	3.78	3.82	0.0383	0.00224	11	0.00172	0.0241	0.00013	0.00034	0.000212	0.16	0.00000724	0.000619	0.000297	0.000967	0.000966
2111 Oct	0.000423	0.000164	0.00075	0.046	0.00000554	3.78	3.82	0.0383	0.00224	10.9	0.00171	0.0239	0.00013	0.00034	0.000212	0.16	0.00000727	0.000619	0.000297	0.000966	0.000969
2111 Nov	0.000424	0.000164	0.000749	0.046	0.00000554	3.78	3.82	0.0384	0.00225	10.9	0.00171	0.0238	0.00013	0.00034	0.000212	0.16	0.00000729	0.000619	0.000297	0.000965	0.000972
2111 Dec	0.000424	0.000164	0.000749	0.046	0.00000554	3.78	3.82	0.0384	0.00225	10.9	0.00171	0.0238	0.00013	0.00034	0.000212	0.16	0.00000729	0.000619	0.000297	0.000965	0.000972
2112 Jan	0.000424	0.000164	0.000749	0.046	0.00000554	3.78	3.82	0.0384	0.00225	10.9	0.00171	0.0238	0.00013	0.00034	0.000212	0.16	0.00000729	0.000619	0.000297	0.000965	0.000972
2112 Feb	0.000424	0.000164	0.000749	0.046	0.00000554	3.78	3.82	0.0384	0.00225	10.9	0.00171	0.0238	0.00013	0.00034	0.000212	0.16	0.00000729	0.000619	0.000297	0.000965	0.000972
2112 Mar	0.000424	0.000164	0.00075	0.046	0.00000554	3.78	3.82	0.0384	0.00225	10.9	0.00171	0.0238	0.00013	0.00034	0.000212	0.16	0.00000729	0.000619	0.000297	0.000965	0.000972
2112 Apr	0.000424	0.000164	0.00075	0.0461	0.00000555	3.78	3.82	0.0384	0.00225	10.9	0.00171	0.0238	0.00013	0.00034	0.000213	0.16	0.00000729	0.000619	0.000297	0.000966	0.000973
2112 May	0.000424	0.000164	0.00075	0.0461	0.00000555	3.78	3.82	0.0384	0.00225	10.9	0.00171	0.0237	0.00013	0.00034	0.000213	0.16	0.0000073	0.000619	0.000298	0.000966	0.000974
2112 Jun	0.000426	0.000165	0.000747	0.0463	0.00000556	3.8	3.83	0.0387	0.00228	10.8	0.00171	0.0231	0.000131	0.00034	0.000214	0.16	0.0000074	0.000619	0.000299	0.000964	0.000986
2112 Jul	0.000427	0.000165	0.000747	0.0464	0.00000557	3.81	3.84	0.0388	0.00229	10.8	0.00171	0.023	0.000131	0.000341	0.000215	0.161	0.00000743	0.00062	0.000299	0.000966	0.000991
2112 Aug	0.000428	0.000165	0.000748	0.0465	0.00000558	3.81	3.85	0.0389	0.0023	10.8	0.00171	0.0231	0.000131	0.000341	0.000215	0.161	0.00000745	0.000621	0.0003	0.000967	0.000993
2112 Sep	0.000428	0.000165	0.000748	0.0465	0.00000558	3.81	3.84	0.0388	0.0023	10.8	0.00171	0.0231	0.000131	0.000341	0.000215	0.161	0.00000744	0.000621	0.0003	0.000967	0.000992
2112 Oct	0.000428	0.000165	0.000748	0.0465	0.00000558	3.81	3.84	0.0388	0.0023	10.8	0.00171	0.023	0.000131	0.000341	0.000215	0.161	0.00000745	0.000621	0.000299	0.000967	0.000993
2112 Nov	0.000428	0.000165	0.000748	0.0465	0.00000558	3.81	3.84	0.0388	0.0023	10.8	0.00171	0.023	0.000131	0.000341	0.000215	0.161	0.00000745	0.000621	0.000299	0.000967	0.000994
2112 Dec	0.000428	0.000165	0.000748	0.0465	0.00000558	3.81	3.84	0.0388	0.0023	10.8	0.00171	0.023	0.000131	0.000341	0.000215	0.161	0.00000745	0.000621	0.0003	0.000967	0.000994
2113 Jan	0.000428	0.000165	0.000748	0.0465	0.00000558	3.81	3.84	0.0388	0.0023	10.8	0.00171	0.023	0.000131	0.000341	0.000215	0.161	0.00000745	0.000621	0.0003	0.000967	0.000994
2113 Feb	0.000428	0.000165	0.000748	0.0465	0.00000558	3.81	3.84	0.0388	0.0023	10.8	0.00171	0.023	0.000131	0.000341	0.000215	0.161	0.00000745	0.000621	0.0003	0.000967	0.000994
2113 Mar	0.000428	0.000165	0.000748	0.0465	0.00000558	3.81	3.85	0.0389	0.0023	10.8	0.00171	0.023	0.000131	0.000341	0.000215	0.161	0.00000746	0.000621	0.0003	0.000967	0.000994
2113 Apr	0.000428	0.000165	0.000748	0.0465	0.00000558	3.81	3.85	0.0389	0.0023	10.8	0.00171	0.023	0.000131	0.000341	0.000215	0.161	0.00000746	0.000621	0.0003	0.000967	0.000994
2113 May	0.000428	0.000165	0.000748	0.0466	0.00000558	3.81	3.85	0.0389	0.0023	10.8	0.00171	0.023	0.000132	0.000341	0.000215	0.161	0.00000746	0.000621	0.0003	0.000967	0.000995
2113 Jun	0.000429	0.000166	0.000747	0.0467	0.00000559	3.82	3.85	0.039	0.00232	10.7	0.00171	0.0227	0.000132	0.000341	0.000216	0.161	0.00000751	0.000621	0.000301	0.000967	0.001
2113 Jul	0.00043	0.000166	0.000748	0.0468	0.0000056	3.83	3.86	0.0391	0.00232	10.7	0.00171	0.0227	0.000132	0.000342	0.000216	0.161	0.00000752	0.000622	0.000301	0.000969	0.001
2113 Aug	0.00043	0.000166	0.000749	0.0469	0.00000561	3.83	3.86	0.0392	0.00232	10.8	0.00172	0.0227	0.000133	0.000342	0.000216	0.162	0.00000753	0.000623	0.000302	0.00097	0.001
2113 Sep	0.00043	0.000166	0.000748	0.0469	0.00000561	3.83	3.86	0.0392	0.00232	10.7	0.00172	0.0227	0.000133	0.000342	0.000216	0.162	0.00000753	0.000622	0.000301	0.000969	0.001
2113 Oct	0.00043	0.000166	0.000746	0.0468	0.00000561	3.83	3.86	0.0392	0.00234	10.7	0.00171	0.0224	0.000132	0.000342	0.000217	0.162	0.00000757	0.000622	0.000301	0.000967	0.00101
2113 Nov	0.00043	0.000166	0.000746	0.0468	0.00000561	3.83	3.86	0.0392	0.00234	10.7	0.00171	0.0224	0.000132	0.000342	0.000217	0.162	0.00000759	0.000622	0.000301	0.000967	0.00101
2113 Dec	0.00043	0.000166	0.000746	0.0468	0.00000561	3.83	3.86	0.0392	0.00234	10.7	0.00171	0.0224	0.000132	0.000342	0.000217	0.162	0.00000759	0.000622	0.000301	0.000967	0.00101
2114 Jan	0.00043	0.000166	0.000746	0.0468	0.00000561	3.83	3.86	0.0392	0.00234	10.7	0.00171	0.0224	0.000132	0.000342	0.000217	0.162	0.00000759	0.000622	0.000301	0.000967	0.00101
2114 Feb	0.00043	0.000166	0.000746	0.0468	0.00000561	3.83	3.86	0.0392	0.00234	10.7	0.00171	0.0224	0.000132	0.000342	0.000217	0.162	0.00000759	0.000622	0.000301	0.000967	0.00101
2114 Mar	0.000431	0.000166	0.000746	0.0468	0.00000561	3.83	3.86	0.0392	0.00234	10.7	0.00171	0.0224	0.000132	0.000342	0.000217	0.162	0.00000759	0.000622	0.000301	0.000967	0.00101
2114 Apr	0.000431	0.000166	0.000746	0.0468	0.00000561	3.84	3.86	0.0392	0.00234	10.7	0.00171	0.0224	0.000132	0.000342	0.000217	0.162	0.00000759	0.000622	0.000301	0.000967	0.00101
2114 May	0.000431	0.000166	0.000746	0.0469	0.00000561	3.84	3.86	0.0393	0.00235	10.7	0.00171	0.0223	0.000133	0.000342	0.000217	0.162	0.0000076	0.000622	0.000302	0.000967	0.00101
2114 Jun	0.000432	0.000167	0.000746	0.0471	0.00000562	3.84	3.87	0.0394	0.00236	10.6	0.00171	0.0221	0.000133	0.000342	0.000217	0.162	0.00000764	0.000622	0.000302	0.000968	0.00102
2114 Jul	0.000433	0.000167	0.000748	0.0472	0.00000564	3.85	3.88	0.0395	0.00236	10.7	0.00172	0.0222	0.000134	0.000343	0.000218	0.162	0.00000766	0.000624	0.000303	0.000971	0.00102
2114 Aug	0.000434	0.000168	0.00075	0.0473	0.00000565	3.86	3.89	0.0396	0.00237	10.7	0.00172	0.0222	0.000134	0.000344	0.000219	0.163	0.00000768	0.000625	0.000304	0.000973	0.00102
2114 Sep	0.000434	0.000167	0.000749	0.0473	0.00000565	3.86	3.89	0.0396	0.00237	10.7	0.00172	0.0222	0.000134	0.000344	0.000218	0.163	0.00000767	0.000625	0.000304	0.000973	0.00102

Appendix C.3-3: WES Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000177	0.000118	0.000742	0.0297	0.00000309	1.73	2.3	0.0167	0.000311	10.2	0.00137	0.0197	0.0000775	0.000185	0.0000957	0.0792	0.00000192	0.000255	0.000194	0.000887	0.000272
Post Closure (2039-2048): Mean	0.00029	0.000137	0.000785	0.0364	0.00000419	2.67	2.98	0.026	0.00111	14.4	0.00155	0.0725	0.0000996	0.000259	0.000146	0.117	0.00000399	0.000441	0.000239	0.000933	0.000545
Post Closure (2039-2048): Max	0.000446	0.000172	0.00093	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	20.4	0.00172	0.178	0.00014	0.000347	0.000226	0.165	0.00000827	0.000627	0.000313	0.00104	0.00111
Water quality guideline for the protection of aquatic life	**-**	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2114 Oct	0.000433	0.000167	0.000748	0.0472	0.00000564	3.85	3.88	0.0395	0.00236	10.7	0.00172	0.0221	0.000134	0.000343	0.000218	0.162	0.00000766	0.000623	0.000303	0.000971	0.00102
2114 Nov	0.000433	0.000167	0.000747	0.0472	0.00000564	3.85	3.88	0.0395	0.00237	10.6	0.00171	0.022	0.000133	0.000343	0.000218	0.162	0.00000767	0.000623	0.000303	0.000969	0.00102
2114 Dec	0.000433	0.000167	0.000747	0.0472	0.00000564	3.85	3.88	0.0395	0.00237	10.6	0.00171	0.022	0.000133	0.000343	0.000218	0.162	0.00000767	0.000623	0.000303	0.000969	0.00102
2115 Jan	0.000433	0.000167	0.000747	0.0472	0.00000564	3.85	3.88	0.0395	0.00237	10.6	0.00171	0.022	0.000133	0.000343	0.000218	0.162	0.00000768	0.000623	0.000303	0.000969	0.00102
2115 Feb	0.000433	0.000167	0.000747	0.0472	0.00000564	3.85	3.88	0.0395	0.00237	10.6	0.00171	0.022	0.000133	0.000343	0.000218	0.162	0.00000768	0.000623	0.000303	0.000969	0.00102
2115 Mar	0.000433	0.000167	0.000747	0.0472	0.00000564	3.85	3.88	0.0395	0.00237	10.6	0.00171	0.022	0.000133	0.000343	0.000218	0.162	0.00000768	0.000623	0.000303	0.000969	0.00102
2115 Apr	0.000433	0.000167	0.000747	0.0472	0.00000564	3.85	3.88	0.0395	0.00237	10.6	0.00171	0.022	0.000133	0.000343	0.000218	0.162	0.00000768	0.000623	0.000303	0.00097	0.00102
2115 May	0.000433	0.000167	0.000747	0.0473	0.00000564	3.85	3.88	0.0396	0.00237	10.6	0.00171	0.0219	0.000134	0.000343	0.000218	0.162	0.00000769	0.000623	0.000303	0.00097	0.00102
2115 Jun	0.000434	0.000168	0.000747	0.0475	0.00000565	3.86	3.89	0.0397	0.00238	10.6	0.00171	0.0219	0.000134	0.000343	0.000219	0.163	0.00000771	0.000623	0.000304	0.000971	0.00103
2115 Jul	0.000435	0.000168	0.000749	0.0476	0.00000567	3.87	3.9	0.0398	0.00238	10.6	0.00172	0.0219	0.000135	0.000344	0.000219	0.163	0.00000773	0.000625	0.000305	0.000973	0.00103
2115 Aug	0.000435	0.000168	0.000748	0.0476	0.00000566	3.87	3.89	0.0398	0.00238	10.6	0.00172	0.0219	0.000135	0.000344	0.000219	0.163	0.00000773	0.000624	0.000305	0.000973	0.00103
2115 Sep	0.000435	0.000168	0.000748	0.0476	0.00000567	3.87	3.89	0.0398	0.00239	10.6	0.00172	0.0218	0.000135	0.000344	0.000219	0.163	0.00000774	0.000624	0.000305	0.000973	0.00103
2115 Oct	0.000435	0.000168	0.000748	0.0476	0.00000567	3.87	3.89	0.0398	0.00239	10.6	0.00172	0.0218	0.000135	0.000344	0.000219	0.163	0.00000774	0.000624	0.000305	0.000973	0.00103
2115 Nov	0.000435	0.000168	0.000748	0.0476	0.00000567	3.87	3.89	0.0398	0.00239	10.6	0.00172	0.0217	0.000135	0.000344	0.000219	0.163	0.00000776	0.000624	0.000304	0.000972	0.00103
2115 Dec	0.000435	0.000168	0.000748	0.0476	0.00000567	3.87	3.89	0.0398	0.00239	10.6	0.00172	0.0217	0.000135	0.000344	0.000219	0.163	0.00000776	0.000624	0.000305	0.000972	0.00103
2116 Jan	0.000435	0.000168	0.000748	0.0476	0.00000567	3.87	3.89	0.0398	0.00239	10.6	0.00172	0.0217	0.000135	0.000344	0.000219	0.163	0.00000776	0.000624	0.000305	0.000972	0.00103
2116 Feb	0.000435	0.000168	0.000748	0.0476	0.00000567	3.87	3.89	0.0398	0.00239	10.6	0.00172	0.0217	0.000135	0.000344	0.000219	0.163	0.00000776	0.000624	0.000305	0.000972	0.00103
2116 Mar	0.000435	0.000168	0.000748	0.0476	0.00000567	3.87	3.89	0.0398	0.00239	10.6	0.00172	0.0217	0.000135	0.000344	0.000219	0.163	0.00000776	0.000624	0.000305	0.000972	0.00103
2116 Apr	0.000435	0.000168	0.000748	0.0476	0.00000567	3.87	3.89	0.0398	0.00239	10.6	0.00172	0.0217	0.000135	0.000344	0.000219	0.163	0.00000776	0.000624	0.000305	0.000972	0.00103
2116 May	0.000435	0.000168	0.000748	0.0476	0.00000567	3.87	3.9	0.0398	0.00239	10.6	0.00172	0.0217	0.000135	0.000344	0.000219	0.163	0.00000776	0.000624	0.000305	0.000972	0.00103
2116 Jun	0.000436	0.000168	0.000745	0.0478	0.00000567	3.88	3.9	0.04	0.00242	10.5	0.00171	0.0213	0.000136	0.000344	0.00022	0.163	0.00000784	0.000623	0.000306	0.000971	0.00105
2116 Jul	0.000438	0.000169	0.000747	0.0479	0.00000569	3.89	3.91	0.0402	0.00243	10.5	0.00172	0.0213	0.000136	0.000345	0.000221	0.163	0.00000787	0.000625	0.000307	0.000973	0.00105
2116 Aug	0.000439	0.000169	0.000748	0.048	0.0000057	3.9	3.92	0.0402	0.00243	10.5	0.00172	0.0213	0.000136	0.000345	0.000221	0.164	0.00000789	0.000626	0.000307	0.000975	0.00105
2116 Sep	0.000438	0.000169	0.000747	0.048	0.0000057	3.89	3.91	0.0402	0.00243	10.5	0.00172	0.0212	0.000136	0.000345	0.000221	0.164	0.00000788	0.000625	0.000307	0.000974	0.00105
2116 Oct	0.000438	0.000169	0.000745	0.048	0.00000569	3.89	3.91	0.0402	0.00243	10.5	0.00171	0.0211	0.000136	0.000344	0.000221	0.163	0.0000079	0.000624	0.000306	0.000972	0.00105
2116 Nov	0.000438	0.000169	0.000745	0.048	0.0000057	3.89	3.91	0.0402	0.00244	10.5	0.00171	0.0211	0.000136	0.000344	0.000221	0.163	0.0000079	0.000624	0.000306	0.000972	0.00105
2116 Dec	0.000438	0.000169	0.000745	0.048	0.0000057	3.89	3.91	0.0402	0.00244	10.5	0.00171	0.0211	0.000136	0.000344	0.000221	0.163	0.0000079	0.000624	0.000306	0.000972	0.00105
2117 Jan	0.000438	0.000169	0.000745	0.048	0.0000057	3.89	3.91	0.0402	0.00244	10.5	0.00171	0.0211	0.000136	0.000344	0.000221	0.163	0.0000079	0.000624	0.000306	0.000972	0.00105
2117 Feb	0.000438	0.000169	0.000745	0.048	0.0000057	3.89	3.91	0.0402	0.00244	10.5	0.00171	0.0211	0.000136	0.000344	0.000221	0.163	0.0000079	0.000624	0.000306	0.000972	0.00105
2117 Mar	0.000438	0.000169	0.000745	0.048	0.0000057	3.89	3.91	0.0402	0.00244	10.5	0.00171	0.0211	0.000136	0.000344	0.000221	0.163	0.0000079	0.000624	0.000306	0.000972	0.00105
2117 Apr	0.000438	0.000169	0.000746	0.048	0.0000057	3.89	3.91	0.0402	0.00244	10.5	0.00171	0.0211	0.000136	0.000345	0.000221	0.164	0.00000791	0.000624	0.000306	0.000973	0.00105
2117 May	0.000438	0.000169	0.000746	0.048	0.0000057	3.89	3.91	0.0402	0.00244	10.5	0.00171	0.0211	0.000136	0.000345	0.000221	0.164	0.00000791	0.000624	0.000307	0.000973	0.00105
2117 Jun	0.000439	0.000169	0.000746	0.0482	0.00000571	3.9	3.92	0.0403	0.00245	10.4	0.00171	0.0209	0.000137	0.000345	0.000222	0.164	0.00000793	0.000624	0.000307	0.000973	0.00106
2117 Jul	0.00044	0.00017	0.000747	0.0483	0.00000572	3.91	3.92	0.0404	0.00245	10.5	0.00172	0.021	0.000137	0.000346	0.000222	0.164	0.00000795	0.000626	0.000308	0.000976	0.00106
2117 Aug	0.00044	0.00017	0.000748	0.0484	0.00000573	3.91	3.93	0.0405	0.00245	10.5	0.00172	0.021	0.000137	0.000346	0.000223	0.164	0.00000796	0.000627	0.000309	0.000977	0.00106
2117 Sep	0.000441	0.00017	0.000749	0.0484	0.00000573	3.91	3.93	0.0405	0.00246	10.5	0.00172	0.021	0.000137	0.000346	0.000223	0.164	0.00000797	0.000627	0.000309	0.000978	0.00106
2117 Oct	0.00044	0.00017	0.000749	0.0484	0.00000573	3.91	3.93	0.0405	0.00245	10.5	0.00172	0.021	0.000137	0.000346	0.000222	0.164	0.00000796	0.000626	0.000309	0.000977	0.00106
2117 Nov	0.00044	0.00017	0.000748	0.0484	0.00000573	3.91	3.93	0.0405	0.00245	10.5	0.00172	0.021	0.000137	0.000346	0.000222	0.164	0.00000796	0.000626	0.000308	0.000977	0.00106
2117 Dec	0.00044	0.00017	0.000748	0.0484	0.00000573	3.91	3.93	0.0405	0.00245	10.5	0.00172	0.021	0.000137	0.000346	0.000222	0.164	0.00000796	0.000626	0.000308	0.000977	0.00106
2118 Jan	0.00044	0.00017	0.000748	0.0484	0.00000573	3.91	3.93	0.0405	0.00245	10.5	0.00172	0.021	0.000137	0.000346	0.000222	0.164	0.00000796	0.000626	0.000308	0.000977	0.00106
2118 Feb	0.00044	0.00017	0.000748	0.0484	0.00000573	3.91	3.93	0.0405	0.00245	10.5	0.00172	0.021	0.000137	0.000346	0.000222	0.164	0.00000796	0.000626	0.000308	0.000977	0.00106
2118 Mar	0.00044	0.00017	0.000748	0.0484	0.00000573	3.91	3.93	0.0405	0.00245	10.5	0.00172	0.021	0.000137	0.000346	0.000222	0.164	0.00000796	0.000626	0.000308	0.000977	0.00106
2118 Apr	0.00044	0.00017	0.000749	0.0484	0.00000573	3.91	3.93	0.0405	0.00245	10.5	0.00172	0.021	0.000137	0.000346	0.000222	0.164	0.00000796	0.000626	0.000309	0.000977	0.00106
2118 May	0.00044	0.00017	0.000747	0.0485	0.00000573	3.91	3.93	0.0405	0.00245	10.4	0.00172	0.0209	0.000138	0.000345	0.000222	0.164	0.00000796	0.000625	0.000309	0.000976	0.00106
2118 Jun	0.000441	0.00017	0.000745	0.0486	0.00000573	3.91	3.93	0.0407	0.00247	10.4	0.00171	0.0205	0.000138	0.000345	0.000223	0.164	0.00000803	0.000624	0.00031	0.000975	0.00107
2118 Jul	0.000442	0.000171	0.000747	0.0487	0.00000575	3.92	3.94	0.0408	0.00248	10.4	0.00172	0.0206	0.000139	0.000346	0.000224	0.165	0.00000805	0.000626	0.00031	0.000978	0.00107
2118 Aug	0.000442	0.000171	0.000747	0.0488	0.00000575	3.92	3.94	0.0408	0.00248	10.4	0.00172	0.0206	0.000139	0.000346	0.000224	0.165	0.00000805	0.000626	0.00031	0.000978	0.00107
2118 Sep	0.000442	0.000171	0.000745	0.0487	0.00000574	3.92	3.94	0.0408	0.00249	10.3	0.00171	0.0204	0.000138	0.000346	0.000224	0.164	0.00000808	0.000625	0.00031	0.000976	0.00108
2118 Oct	0.000443	0.000171	0.000744	0.0487	0.00000575	3.93	3.94	0.0409	0.0025	10.3	0.00171	0.0202	0.000138	0.000346	0.000224	0.165	0.00000812	0.000625	0.00031	0.000975	0.00108
2118 Nov	0.000443	0.000171	0.000744	0.0487	0.00000575	3.93	3.94	0.0409	0.0025	10.3	0.00171	0.0202	0.000138	0.000346	0.000224	0.165	0.00000813	0.000625	0.00031	0.000975	0.00109
2118 Dec	0.000443	0.000171	0.000744	0.0487	0.00000575	3.93	3.94	0.0409	0.0025	10.3	0.00171	0.0202	0.000138	0.000346	0.000224	0.165	0.00000813	0.000625	0.00031	0.000975	0.00109
2119 Jan	0.000443	0.000171	0.000744	0.0487	0.00000575	3.93	3.94	0.0409	0.0025	10.3	0.00171	0.0202	0.000138	0.000346	0.000224	0.165	0.00000813	0.000625	0.00031	0.000975	0.00109
2119 Feb	0.000443	0.000171	0.000744	0.0487	0.00000575	3.93	3.94	0.0409	0.0025	10.3	0.00171	0.0202	0.000138	0.000346	0.000224	0.165	0.00000813	0.000625	0.00031	0.000975	0.00109
2119 Mar	0.000443	0.000171	0.000744	0.0487	0.00000575	3.93	3.94	0.0409	0.0025	10.3	0.00171	0.0202	0.000138	0.000346	0.000224	0.165	0.00000813	0.000625	0.00031	0.000975	0.00109
2119 Apr	0.000443	0.000171	0.000744	0.0488	0.00000575	3.93	3.94	0.0409	0.0025	10.3	0.00171	0.0202	0.000138	0.000346	0.000224	0.165	0.00000813	0.000625	0.00031	0.000975	0.00109
2119 May	0.000443	0.000171	0.000743	0.049	0.00000575	3.93	3.94	0.041	0.00251	10.3	0.00171	0.02	0.000139	0.000345	0.000225	0.165	0.00000816	0.000624	0.000311	0.000974	0.00109
2119 Jun	0.000444	0.000171	0.000742	0.049	0.00000575	3.93	3.94	0.0411	0.00252	10.2	0.00171	0.0198	0.000139	0.000346	0.000225	0.165	0.00000819	0.000624	0.000311	0.000974	0.00109
2119 Jul	0.000445	0.000172	0.000744	0.0492	0.00000577	3.94	3.95	0.0412	0.00253	10.3	0.00171	0.0199	0.00014	0.000346	0.000226	0.165	0.00000822	0.000625	0.000312	0.000977	0.0011
2119 Aug	0.000445	0.000172	0.000745	0.0492	0.00000578	3.95	3.96	0.0413	0.00253	10.3	0.00171	0.0199	0.00014	0.000347	0.000226	0.165	0.00000822	0.000626	0.000313	0.000978	0.0011
2119 Sep	0.000445	0.000172	0.000744	0.0492	0.00000577	3.94	3.96	0.0412	0.00253	10.2	0.00171	0.0198	0.00014	0.000346	0.000226	0.165	0.00000823	0.000625	0.000312	0.000977	0.0011
2119 Oct	0.000446	0.000172	0.000743	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	10.2	0.00171	0.0197	0.00014	0.000346	0.000226	0.165	0.00000825	0.000625	0.000312	0.000976	0.0011
2119 Nov	0.000446	0.000172	0.000743	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	10.2	0.00171	0.0197	0.00014	0.000346	0.000226	0.165	0.00000827	0.000625	0.000312	0.000976	0.00111
2119 Dec	0.000446	0.000172	0.000743	0.0492	0.00000578	3.95	3.96	0.0413	0.00254	10.2	0.00171	0.0197	0.00014	0.000346	0.000226	0.165	0.00000827	0.000625	0.000312	0.000976	0.00111

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
Model Predictions (2039-2119)																	
2039 Jan	246	0.534	0.902	0.0176	99.8	0.0601	40.3	0.000938	0.000938	0.00000496	0.00461	0.00108	0.0626	0.0106	0.00000558	15.9	0.0000163
2039 Feb	246	0.534	0.902	0.0176	99.8	0.0601	40.3	0.000938	0.000938	0.00000496	0.00461	0.00108	0.0626	0.0106	0.00000558	15.9	0.0000163
2039 Mar	246	0.534	0.902	0.0176	99.8	0.0601	40.3	0.000939	0.000939	0.00000496	0.00461	0.00108	0.0626	0.0106	0.00000558	15.9	0.0000163
2039 Apr	246	0.534	0.902	0.0176	99.8	0.0601	40.3	0.000939	0.000939	0.00000496	0.00461	0.00108	0.0626	0.0106	0.00000558	15.9	0.0000163
2039 May	246	0.534	0.903	0.0177	99.9	0.0601	40.4	0.000939	0.000939	0.00000496	0.00462	0.00108	0.0626	0.0106	0.00000558	15.9	0.0000163
2039 Jun	247	0.54	0.911	0.0178	100	0.0608	41.1	0.000936	0.000936	0.00000494	0.00466	0.00109	0.064	0.0106	0.00000557	16.1	0.0000167
2039 Jul	247	0.54	0.911	0.0178	99.8	0.0609	41.3	0.000934	0.000934	0.00000493	0.00468	0.00109	0.0644	0.0106	0.00000556	16.1	0.0000168
2039 Aug	248	0.543	0.915	0.0178	100	0.0613	41.7	0.000934	0.000934	0.00000493	0.0047	0.00109	0.065	0.0106	0.00000557	16.2	0.0000169
2039 Sep	249	0.546	0.919	0.0179	100	0.0615	41.9	0.000935	0.000935	0.00000494	0.00471	0.0011	0.0654	0.0106	0.00000558	16.3	0.0000169
2039 Oct	249	0.547	0.921	0.0179	100	0.0617	42.1	0.000934	0.000934	0.00000494	0.00472	0.0011	0.0656	0.0106	0.00000558	16.3	0.000017
2039 Nov	250	0.547	0.921	0.0179	100	0.0617	42.1	0.000934	0.000934	0.00000494	0.00472	0.0011	0.0657	0.0106	0.00000558	16.3	0.000017
2039 Dec	250	0.547	0.922	0.0179	100	0.0617	42.1	0.000934	0.000934	0.00000494	0.00472	0.0011	0.0657	0.0106	0.00000558	16.3	0.000017
2040 Jan	250	0.547	0.922	0.0179	100	0.0617	42.1	0.000934	0.000934	0.00000494	0.00472	0.0011	0.0657	0.0106	0.00000558	16.3	0.000017
2040 Feb	250	0.547	0.922	0.0179	100	0.0617	42.1	0.000934	0.000934	0.00000494	0.00472	0.0011	0.0657	0.0106	0.00000558	16.3	0.000017
2040 Mar	250	0.547	0.922	0.0179	100	0.0617	42.1	0.000934	0.000934	0.00000494	0.00472	0.0011	0.0657	0.0106	0.00000558	16.3	0.000017
2040 Apr	250	0.548	0.922	0.0179	100	0.0617	42.1	0.000935	0.000935	0.00000494	0.00472	0.0011	0.0657	0.0106	0.00000558	16.3	0.000017
2040 May	250	0.548	0.922	0.0179	101	0.0618	42.2	0.000935	0.000935	0.00000494	0.00473	0.0011	0.0657	0.0107	0.00000558	16.3	0.000017
2040 Jun	244	0.528	0.887	0.0173	97.9	0.0606	41.2	0.000935	0.000935	0.00000493	0.00476	0.0011	0.064	0.011	0.00000556	16.4	0.000017
2040 Jul	243	0.523	0.878	0.0171	97.3	0.0605	41.1	0.000936	0.000936	0.00000494	0.00479	0.00111	0.0638	0.0111	0.00000556	16.5	0.0000171
2040 Aug	244	0.526	0.882	0.0172	97.6	0.0608	41.4	0.000937	0.000937	0.00000494	0.00481	0.00111	0.0642	0.0112	0.00000557	16.6	0.0000171
2040 Sep	244	0.528	0.886	0.0173	97.8	0.0611	41.7	0.000937	0.000937	0.00000494	0.00482	0.00111	0.0647	0.0112	0.00000557	16.6	0.0000172
2040 Oct	245	0.528	0.886	0.0173	97.8	0.0612	41.7	0.000937	0.000937	0.00000494	0.00483	0.00112	0.0648	0.0112	0.00000557	16.6	0.0000173
2040 Nov	245	0.528	0.886	0.0173	97.8	0.0612	41.8	0.000937	0.000937	0.00000495	0.00483	0.00112	0.0649	0.0112	0.00000557	16.7	0.0000173
2040 Dec	245	0.528	0.886	0.0173	97.8	0.0612	41.8	0.000937	0.000937	0.00000495	0.00483	0.00112	0.0649	0.0112	0.00000557	16.7	0.0000173
2041 Jan	245	0.528	0.886	0.0173	97.8	0.0612	41.8	0.000937	0.000937	0.00000495	0.00483	0.00112	0.0649	0.0112	0.00000557	16.7	0.0000173
2041 Feb	245	0.528	0.886	0.0173	97.8	0.0612	41.8	0.000937	0.000937	0.00000495	0.00483	0.00112	0.0649	0.0112	0.00000557	16.7	0.0000173
2041 Mar	245	0.529	0.886	0.0173	97.8	0.0612	41.8	0.000937	0.000937	0.00000495	0.00483	0.00112	0.0649	0.0112	0.00000557	16.7	0.0000173
2041 Apr	245	0.529	0.887	0.0173	97.8	0.0612	41.8	0.000938	0.000938	0.00000495	0.00483	0.00112	0.0649	0.0112	0.00000557	16.7	0.0000173
2041 May	245	0.53	0.889	0.0173	98	0.0614	42	0.000938	0.000938	0.00000495	0.00484	0.00112	0.0652	0.0112	0.00000558	16.7	0.0000173
2041 Jun	238	0.507	0.85	0.0166	94.7	0.0602	40.8	0.00094	0.00094	0.00000495	0.00492	0.00112	0.0633	0.0114	0.00000556	16.7	0.0000174
2041 Jul	228	0.476	0.799	0.0156	90.5	0.0584	39.2	0.00094	0.00094	0.00000494	0.005	0.00111	0.0605	0.0117	0.00000552	16.6	0.0000174
2041 Aug	229	0.478	0.803	0.0157	90.7	0.0587	39.4	0.000942	0.000942	0.00000495	0.00502	0.00112	0.061	0.0117	0.00000553	16.6	0.0000175
2041 Sep	230	0.481	0.806	0.0157	91	0.059	39.7	0.000942	0.000942	0.00000495	0.00503	0.00112	0.0615	0.0117	0.00000554	16.7	0.0000176
2041 Oct	230	0.482	0.808	0.0157	91	0.0592	39.9	0.000942	0.000942	0.00000495	0.00504	0.00112	0.0617	0.0117	0.00000554	16.7	0.0000176
2041 Nov	230	0.482	0.808	0.0158	91	0.0592	40	0.000942	0.000942	0.00000495	0.00504	0.00112	0.0618	0.0117	0.00000554	16.8	0.0000176
2041 Dec	230	0.482	0.808	0.0158	91	0.0592	40	0.000942	0.000942	0.00000495	0.00504	0.00112	0.0618	0.0117	0.00000554	16.8	0.0000176
2042 Jan	231	0.482	0.808	0.0158	91	0.0592	40	0.000942	0.000942	0.00000495	0.00504	0.00112	0.0619	0.0117	0.00000554	16.8	0.0000176
2042 Feb	231	0.482	0.808	0.0158	91	0.0592	40	0.000942	0.000942	0.00000495	0.00504	0.00112	0.0619	0.0117	0.00000554	16.8	0.0000176
2042 Mar	231	0.482	0.808	0.0158	91	0.0592	40	0.000942	0.000942	0.00000495	0.00504	0.00112	0.0619	0.0117	0.00000554	16.8	0.0000176
2042 Apr	231	0.482	0.809	0.0158	91.1	0.0592	40	0.000942	0.000942	0.00000495	0.00505	0.00112	0.0619	0.0117	0.00000554	16.8	0.0000176
2042 May	231	0.483	0.81	0.0158	91.2	0.0593	40	0.000943	0.000943	0.00000496	0.00505	0.00112	0.062	0.0117	0.00000555	16.8	0.0000177
2042 Jun	226	0.468	0.786	0.0153	89	0.0584	39.2	0.000944	0.000944	0.00000496	0.0051	0.00112	0.0606	0.0118	0.00000553	16.7	0.0000177
2042 Jul	222	0.456	0.768	0.0149	87.2	0.0578	38.6	0.000946	0.000946	0.00000496	0.00515	0.00112	0.0596	0.0119	0.00000552	16.7	0.0000177
2042 Aug	219	0.448	0.756	0.0147	85.8	0.0576	38.3	0.000945	0.000945	0.00000496	0.00519	0.00112	0.0593	0.012	0.00000551	16.7	0.0000178
2042 Sep	217	0.442	0.747	0.0144	84.7	0.0574	38.1	0.000945	0.000945	0.00000496	0.00522	0.00112	0.0589	0.0121	0.00000551	16.7	0.0000178
2042 Oct	215	0.437	0.741	0.0143	84	0.0572	37.9	0.000945	0.000945	0.00000495	0.00524	0.00112	0.0587	0.0121	0.0000055	16.7	0.0000178
2042 Nov	216	0.438	0.741	0.0143	84	0.0573	37.9	0.000945	0.000945	0.00000495	0.00524	0.00113	0.0587	0.0121	0.0000055	16.7	0.0000178
2042 Dec	216	0.438	0.741	0.0143	84	0.0573	37.9	0.000945	0.000945	0.00000495	0.00524	0.00113	0.0587	0.0121	0.0000055	16.7	0.0000178
2043 Jan	216	0.438	0.741	0.0143	84	0.0573	37.9	0.000945	0.000945	0.00000495	0.00524	0.00113	0.0588	0.0121	0.0000055	16.7	0.0000178
2043 Feb	216	0.438	0.741	0.0143	84	0.0573	37.9	0.000945	0.000945	0.00000495	0.00524	0.00113	0.0588	0.0121	0.0000055	16.7	0.0000178
2043 Mar	216	0.438	0.741	0.0143	84	0.0573	37.9	0.000945	0.000945	0.00000495	0.00524	0.00113	0.0588	0.0121	0.0000055	16.7	0.0000178
2043 Apr	216	0.438	0.742	0.0143	84	0.0573	37.9	0.000946	0.000945	0.00000496	0.00524	0.00113	0.0588	0.0121	0.0000055	16.7	0.0000179
2043 May	216	0.438	0.741	0.0143	84	0.0573	37.9	0.000947	0.000946	0.00000496	0.00525	0.00113	0.0588	0.0122	0.00000551	16.8	0.0000179
2043 Jun	208	0.415	0.709	0.0136	80.5	0.0558	36.4	0.000948	0.000948	0.00000496	0.00531	0.00113	0.0563	0.0126	0.00000548	16.8	0.0000178
2043 Jul	207	0.413	0.707	0.0135	80.2	0.0559	36.4	0.00095	0.00095	0.00000497	0.00533	0.00113	0.0563	0.0127	0.00000549	16.9	0.0000179
2043 Aug	208	0.415	0.711	0.0135	80.5	0.0562	36.7	0.000952	0.000952	0.00000498	0.00535	0.00114	0.0568	0.0127	0.0000055	17	0.000018
2043 Sep	209	0.417	0.713	0.0136	80.6	0.0565	37	0.000952	0.000951	0.00000498	0.00537	0.00114	0.0573	0.0127	0.0000055	17	0.0000181
2043 Oct	209	0.417	0.713	0.0136	80.5	0.0566	37.1	0.000951	0.000951	0.00000498	0.00538	0.00114	0.0576	0.0128	0.0000055	17.1	0.0000181
2043 Nov	209	0.416	0.712	0.0135	80.3	0.0566	37.1	0.000951	0.000951	0.00000498	0.00539	0.00115	0.0576	0.0128	0.0000055	17.1	0.0000181
2043 Dec	209	0.416	0.712	0.0135	80.3	0.0566	37.1	0.000951	0.000951	0.00000498	0.00539	0.00115	0.0576	0.0128	0.0000055	17.1	0.0000181
2044 Jan	209	0.416	0.712	0.0135	80.3	0.0566	37.1	0.000951	0.000951	0.00000498	0.00539	0.00115	0.0576	0.0128	0.0000055	17.1	0.0000181
2044 Feb	209	0.416	0.712	0.0135	80.3	0.0566	37.1	0.000951	0.000951	0.00000498	0.00539	0.00115	0.0576	0.0128	0.0000055	17.1	0.0000181
2044 Mar	209	0.416	0.712	0.0135	80.3	0.0566	37.1	0.000951	0.000951	0.00000498	0.00539	0.00115	0.0576	0.0128	0.0000055	17.1	0.0000181
2044 Apr	209	0.416	0.712	0.0135	80.3	0.0567	37.1	0.000951	0.000951	0.00000498	0.00539	0.00115	0.0576	0.0128	0.0000055	17.1	0.0000181

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2044 May	209	0.416	0.712	0.0135	80.3	0.0567	37.1	0.000952	0.000952	0.00000498	0.0054	0.00115	0.0576	0.0128	0.00000551	17.1	0.0000182
2044 Jun	200	0.393	0.68	0.0128	76.5	0.0551	35.4	0.000954	0.000954	0.00000498	0.00547	0.00114	0.055	0.0131	0.00000548	17	0.0000181
2044 Jul	197	0.384	0.67	0.0125	75.1	0.0546	34.9	0.000956	0.000956	0.00000499	0.00552	0.00115	0.0542	0.0132	0.00000548	17	0.0000182
2044 Aug	198	0.386	0.673	0.0125	75.3	0.0548	35	0.000959	0.000959	0.000005	0.00553	0.00115	0.0545	0.0133	0.00000549	17.1	0.0000182
2044 Sep	198	0.386	0.672	0.0125	75.2	0.055	35.2	0.000958	0.000958	0.000005	0.00554	0.00115	0.0548	0.0133	0.00000549	17.1	0.0000183
2044 Oct	197	0.385	0.672	0.0125	75	0.055	35.3	0.000958	0.000957	0.000005	0.00556	0.00115	0.0549	0.0133	0.00000549	17.2	0.0000183
2044 Nov	197	0.385	0.672	0.0125	75	0.0551	35.3	0.000958	0.000957	0.000005	0.00556	0.00115	0.0549	0.0133	0.00000549	17.2	0.0000183
2044 Dec	197	0.385	0.672	0.0125	75	0.0551	35.3	0.000958	0.000957	0.000005	0.00556	0.00115	0.0549	0.0133	0.00000549	17.2	0.0000183
2045 Jan	197	0.385	0.672	0.0125	75	0.0551	35.3	0.000958	0.000957	0.000005	0.00556	0.00115	0.0549	0.0133	0.00000549	17.2	0.0000183
2045 Feb	197	0.385	0.672	0.0125	75	0.0551	35.3	0.000958	0.000957	0.000005	0.00556	0.00115	0.0549	0.0133	0.00000549	17.2	0.0000183
2045 Mar	197	0.385	0.672	0.0125	75	0.0551	35.3	0.000958	0.000958	0.000005	0.00556	0.00115	0.0549	0.0133	0.00000549	17.2	0.0000183
2045 Apr	197	0.385	0.672	0.0125	75	0.0551	35.3	0.000958	0.000958	0.000005	0.00556	0.00115	0.0549	0.0133	0.00000549	17.2	0.0000183
2045 May	198	0.385	0.672	0.0125	75.1	0.0551	35.3	0.000959	0.000958	0.000005	0.00556	0.00115	0.055	0.0133	0.00000549	17.2	0.0000184
2045 Jun	194	0.376	0.661	0.0122	73.1	0.0549	35	0.000959	0.000959	0.000005	0.00564	0.00116	0.0547	0.0134	0.00000548	17.2	0.0000186
2045 Jul	191	0.367	0.651	0.0119	71.7	0.0544	34.5	0.000961	0.000961	0.00000501	0.00569	0.00116	0.054	0.0135	0.00000548	17.2	0.0000186
2045 Aug	191	0.368	0.653	0.0119	71.8	0.0546	34.6	0.000963	0.000962	0.00000501	0.0057	0.00116	0.0543	0.0135	0.00000549	17.2	0.0000187
2045 Sep	192	0.369	0.654	0.0119	71.9	0.0548	34.8	0.000963	0.000962	0.00000501	0.00571	0.00116	0.0545	0.0135	0.00000549	17.3	0.0000187
2045 Oct	192	0.37	0.655	0.012	72	0.0549	34.9	0.000963	0.000962	0.00000501	0.00571	0.00116	0.0547	0.0135	0.00000549	17.3	0.0000188
2045 Nov	192	0.37	0.655	0.012	72	0.0549	34.9	0.000963	0.000962	0.00000502	0.00571	0.00116	0.0548	0.0135	0.0000055	17.3	0.0000188
2045 Dec	192	0.37	0.655	0.012	72	0.0549	35	0.000963	0.000962	0.00000502	0.00572	0.00116	0.0548	0.0135	0.0000055	17.3	0.0000188
2046 Jan	192	0.37	0.655	0.012	72	0.0549	35	0.000963	0.000962	0.00000502	0.00572	0.00116	0.0548	0.0135	0.0000055	17.3	0.0000188
2046 Feb	192	0.37	0.655	0.012	72	0.0549	35	0.000963	0.000962	0.00000502	0.00572	0.00116	0.0548	0.0135	0.0000055	17.3	0.0000188
2046 Mar	192	0.37	0.655	0.012	72	0.055	35	0.000963	0.000963	0.00000502	0.00572	0.00116	0.0548	0.0135	0.0000055	17.3	0.0000188
2046 Apr	192	0.37	0.655	0.012	72	0.055	35	0.000963	0.000963	0.00000502	0.00572	0.00117	0.0548	0.0135	0.0000055	17.3	0.0000188
2046 May	192	0.37	0.656	0.012	72.1	0.055	35	0.000964	0.000963	0.00000502	0.00572	0.00117	0.0549	0.0135	0.0000055	17.3	0.0000188
2046 Jun	186	0.354	0.636	0.0114	69.1	0.0539	33.8	0.000965	0.000965	0.00000502	0.00579	0.00116	0.0533	0.0136	0.00000548	17.2	0.0000189
2046 Jul	179	0.336	0.617	0.0109	66.1	0.0526	32.4	0.000967	0.000967	0.00000502	0.00585	0.00115	0.0512	0.0136	0.00000546	17	0.0000189
2046 Aug	179	0.337	0.618	0.0109	66.3	0.0528	32.6	0.000969	0.000968	0.00000503	0.00586	0.00116	0.0515	0.0137	0.00000547	17	0.0000189
2046 Sep	179	0.336	0.618	0.0109	66.1	0.0529	32.8	0.000968	0.000967	0.00000503	0.00587	0.00116	0.0518	0.0137	0.00000547	17	0.000019
2046 Oct	178	0.334	0.616	0.0108	65.6	0.0529	32.7	0.000967	0.000967	0.00000502	0.00589	0.00116	0.0518	0.0137	0.00000546	17.1	0.000019
2046 Nov	178	0.334	0.616	0.0108	65.5	0.053	32.7	0.000967	0.000967	0.00000502	0.0059	0.00116	0.0519	0.0137	0.00000546	17.1	0.0000191
2046 Dec	178	0.334	0.616	0.0108	65.5	0.053	32.8	0.000967	0.000967	0.00000502	0.0059	0.00116	0.0519	0.0137	0.00000546	17.1	0.0000191
2047 Jan	178	0.334	0.616	0.0108	65.5	0.053	32.8	0.000967	0.000967	0.00000502	0.0059	0.00116	0.0519	0.0137	0.00000546	17.1	0.0000191
2047 Feb	178	0.334	0.616	0.0108	65.5	0.053	32.8	0.000967	0.000967	0.00000502	0.0059	0.00116	0.0519	0.0137	0.00000546	17.1	0.0000191
2047 Mar	178	0.334	0.616	0.0108	65.5	0.053	32.8	0.000967	0.000967	0.00000502	0.0059	0.00116	0.0519	0.0137	0.00000546	17.1	0.0000191
2047 Apr	178	0.334	0.616	0.0108	65.5	0.053	32.8	0.000967	0.000967	0.00000502	0.0059	0.00116	0.0519	0.0137	0.00000547	17.1	0.0000191
2047 May	178	0.332	0.615	0.0107	65.2	0.053	32.7	0.000968	0.000967	0.00000502	0.00591	0.00116	0.0518	0.0137	0.00000547	17.1	0.0000191
2047 Jun	171	0.315	0.598	0.0101	62.2	0.0516	31.3	0.000968	0.000968	0.00000502	0.00595	0.00117	0.0498	0.0141	0.00000544	17.1	0.000019
2047 Jul	171	0.315	0.599	0.0102	62.3	0.0518	31.4	0.00097	0.00097	0.00000503	0.00597	0.00117	0.05	0.0142	0.00000545	17.2	0.0000191
2047 Aug	172	0.316	0.601	0.0102	62.4	0.052	31.6	0.000972	0.000972	0.00000504	0.00598	0.00117	0.0503	0.0142	0.00000546	17.3	0.0000192
2047 Sep	172	0.317	0.601	0.0102	62.4	0.0522	31.8	0.000971	0.000971	0.00000504	0.00599	0.00118	0.0506	0.0142	0.00000546	17.3	0.0000192
2047 Oct	172	0.316	0.601	0.0102	62.2	0.0524	32	0.00097	0.00097	0.00000503	0.006	0.00118	0.0509	0.0142	0.00000546	17.3	0.0000193
2047 Nov	172	0.316	0.601	0.0102	62.2	0.0524	32	0.00097	0.00097	0.00000503	0.00601	0.00118	0.051	0.0142	0.00000546	17.4	0.0000193
2047 Dec	172	0.316	0.601	0.0102	62.2	0.0525	32.1	0.00097	0.00097	0.00000503	0.00601	0.00118	0.0511	0.0142	0.00000546	17.4	0.0000193
2048 Jan	172	0.316	0.601	0.0102	62.2	0.0525	32.1	0.00097	0.00097	0.00000503	0.00601	0.00118	0.0511	0.0142	0.00000546	17.4	0.0000193
2048 Feb	172	0.316	0.601	0.0102	62.2	0.0525	32.1	0.00097	0.00097	0.00000503	0.00601	0.00118	0.0511	0.0142	0.00000546	17.4	0.0000193
2048 Mar	172	0.316	0.601	0.0102	62.2	0.0525	32.1	0.00097	0.00097	0.00000503	0.00601	0.00118	0.0511	0.0142	0.00000546	17.4	0.0000193
2048 Apr	172	0.316	0.601	0.0102	62.2	0.0525	32.1	0.00097	0.00097	0.00000503	0.00601	0.00118	0.0511	0.0142	0.00000546	17.4	0.0000193
2048 May	172	0.316	0.602	0.0102	62.3	0.0525	32.1	0.000971	0.000971	0.00000504	0.00601	0.00118	0.0511	0.0142	0.00000546	17.4	0.0000193
2048 Jun	166	0.3	0.586	0.00966	59.5	0.0511	30.6	0.000972	0.000972	0.00000504	0.00605	0.00117	0.049	0.0143	0.00000544	17.2	0.0000193
2048 Jul	160	0.286	0.573	0.0092	57.1	0.0499	29.3	0.000974	0.000973	0.00000504	0.00609	0.00117	0.0471	0.0144	0.00000542	17	0.0000192
2048 Aug	160	0.286	0.574	0.00921	57.1	0.0502	29.6	0.000974	0.000974	0.00000504	0.0061	0.00117	0.0475	0.0144	0.00000543	17.1	0.0000192
2048 Sep	160	0.286	0.574	0.0092	57	0.0504	29.8	0.000974	0.000973	0.00000504	0.00611	0.00117	0.0479	0.0144	0.00000543	17.1	0.0000193
2048 Oct	160	0.286	0.574	0.00918	56.9	0.0505	29.9	0.000973	0.000973	0.00000503	0.00612	0.00117	0.0481	0.0144	0.00000543	17.1	0.0000194
2048 Nov	160	0.286	0.574	0.00917	56.8	0.0505	29.9	0.000973	0.000973	0.00000503	0.00612	0.00117	0.0481	0.0144	0.00000543	17.1	0.0000194
2048 Dec	160	0.286	0.574	0.00917	56.8	0.0506	29.9	0.000973	0.000973	0.00000503	0.00612	0.00117	0.0481	0.0144	0.00000543	17.1	0.0000194
2049 Jan	160	0.286	0.574	0.00917	56.8	0.0506	29.9	0.000973	0.000973	0.00000503	0.00612	0.00117	0.0481	0.0144	0.00000543	17.1	0.0000194
2049 Feb	160	0.286	0.574	0.00917	56.8	0.0506	29.9	0.000973	0.000973	0.00000503	0.00612	0.00117	0.0481	0.0144	0.00000543	17.1	0.0000194
2049 Mar	160	0.286	0.574	0.00917	56.8	0.0506	29.9	0.000973	0.000973	0.00000503	0.00612	0.00117	0.0481	0.0144	0.00000543	17.1	0.0000194
2049 Apr	160	0.286	0.574	0.00917	56.8	0.0506	29.9	0.000973	0.000973	0.00000503	0.00613	0.00117	0.0481	0.0144	0.00000543	17.1	0.0000194
2049 May	160	0.286	0.575	0.00918	56.9	0.0506	29.9	0.000974	0.000973	0.00000504	0.00613	0.00117	0.0482	0.0144	0.00000543	17.2	0.0000194
2049 Jun	153	0.269	0.56	0.00866	54	0.0491	28.4	0.000974	0.000973	0.00000503	0.00615	0.00116	0.0459	0.0144	0.0000054	16.9	0.0000192
2049 Jul	149	0.26	0.554	0.00838	52.5	0.0484	27.6	0.000974	0.000973	0.00000503	0.00616	0.00116	0.0448	0.0144	0.00000539	16.7	0.0000192
2049 Aug	150	0.261	0.556	0.00841	52.6	0.0486	27.8	0.000976	0.000976	0.00000504	0.00618	0.00116	0.0451	0.0145	0.0000054	16.8	0.0000193
2049 Sep	150	0.262	0.556	0.00841	52.6	0.0489	28	0.000976	0.000975	0.00000504	0.00619	0.00116	0.0455	0.0145	0.0000054	16.8	0.0000193

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2049 Oct	150	0.261	0.556	0.00839	52.5	0.049	28.1	0.000975	0.000974	0.00000503	0.0062	0.00116	0.0457	0.0145	0.0000054	16.8	0.0000194
2049 Nov	150	0.261	0.556	0.00839	52.5	0.0491	28.3	0.000974	0.000973	0.00000503	0.0062	0.00116	0.0459	0.0145	0.0000054	16.9	0.0000194
2049 Dec	150	0.262	0.557	0.00839	52.5	0.0491	28.3	0.000974	0.000973	0.00000503	0.0062	0.00116	0.0459	0.0145	0.0000054	16.9	0.0000194
2050 Jan	150	0.262	0.557	0.00839	52.5	0.0491	28.3	0.000974	0.000973	0.00000503	0.0062	0.00116	0.0459	0.0145	0.0000054	16.9	0.0000194
2050 Feb	150	0.262	0.557	0.00839	52.5	0.0491	28.3	0.000974	0.000973	0.00000503	0.0062	0.00116	0.0459	0.0145	0.0000054	16.9	0.0000194
2050 Mar	150	0.262	0.557	0.00839	52.5	0.0491	28.3	0.000974	0.000973	0.00000503	0.0062	0.00116	0.0459	0.0145	0.0000054	16.9	0.0000194
2050 Apr	151	0.262	0.557	0.00839	52.5	0.0491	28.3	0.000974	0.000974	0.00000503	0.0062	0.00116	0.0459	0.0145	0.0000054	16.9	0.0000194
2050 May	151	0.262	0.557	0.0084	52.5	0.0492	28.3	0.000975	0.000974	0.00000503	0.00621	0.00117	0.046	0.0145	0.0000054	16.9	0.0000194
2050 Jun	146	0.251	0.547	0.00805	50.6	0.0481	27.2	0.000975	0.000974	0.00000503	0.00622	0.00116	0.0444	0.0145	0.00000538	16.7	0.0000193
2050 Jul	142	0.242	0.54	0.00777	49	0.0473	26.4	0.000975	0.000974	0.00000502	0.00623	0.00115	0.0432	0.0145	0.00000536	16.5	0.0000192
2050 Aug	142	0.242	0.541	0.00778	49.1	0.0475	26.5	0.000976	0.000975	0.00000503	0.00624	0.00115	0.0434	0.0145	0.00000537	16.6	0.0000193
2050 Sep	143	0.242	0.541	0.00778	49.1	0.0477	26.7	0.000976	0.000975	0.00000503	0.00625	0.00116	0.0437	0.0145	0.00000537	16.6	0.0000193
2050 Oct	143	0.242	0.542	0.00779	49.1	0.0478	26.8	0.000976	0.000975	0.00000503	0.00626	0.00116	0.0439	0.0145	0.00000537	16.6	0.0000194
2050 Nov	143	0.243	0.542	0.00779	49.2	0.0478	26.8	0.000976	0.000975	0.00000503	0.00626	0.00116	0.0439	0.0145	0.00000537	16.6	0.0000194
2050 Dec	143	0.243	0.542	0.00779	49.2	0.0478	26.8	0.000976	0.000975	0.00000503	0.00626	0.00116	0.044	0.0145	0.00000537	16.6	0.0000194
2051 Jan	143	0.243	0.542	0.00779	49.2	0.0478	26.8	0.000976	0.000975	0.00000503	0.00626	0.00116	0.044	0.0145	0.00000537	16.7	0.0000194
2051 Feb	143	0.243	0.542	0.00779	49.2	0.0478	26.8	0.000976	0.000975	0.00000503	0.00626	0.00116	0.044	0.0145	0.00000537	16.7	0.0000194
2051 Mar	143	0.243	0.542	0.00779	49.2	0.0478	26.8	0.000976	0.000975	0.00000503	0.00626	0.00116	0.044	0.0145	0.00000537	16.7	0.0000194
2051 Apr	143	0.243	0.542	0.0078	49.2	0.0478	26.8	0.000976	0.000975	0.00000503	0.00626	0.00116	0.044	0.0145	0.00000537	16.7	0.0000194
2051 May	143	0.243	0.543	0.0078	49.2	0.048	27	0.000976	0.000975	0.00000503	0.00627	0.00116	0.0442	0.0145	0.00000538	16.7	0.0000194
2051 Jun	137	0.228	0.53	0.00731	46.4	0.0468	25.9	0.000973	0.000972	0.00000501	0.00628	0.00116	0.0426	0.0147	0.00000534	16.6	0.0000194
2051 Jul	135	0.222	0.527	0.00712	45.4	0.0462	25.3	0.000973	0.000971	0.00000501	0.00628	0.00115	0.0418	0.0147	0.00000532	16.5	0.0000193
2051 Aug	135	0.222	0.527	0.00712	45.4	0.0464	25.4	0.000973	0.000972	0.00000501	0.00629	0.00115	0.0421	0.0147	0.00000533	16.6	0.0000194
2051 Sep	134	0.22	0.526	0.00706	45.1	0.0464	25.4	0.000972	0.000971	0.000005	0.00629	0.00115	0.042	0.0147	0.00000532	16.6	0.0000193
2051 Oct	132	0.215	0.523	0.00689	44.1	0.046	25	0.000969	0.000968	0.00000498	0.00628	0.00115	0.0414	0.0147	0.0000053	16.4	0.0000192
2051 Nov	132	0.215	0.523	0.00687	44.1	0.046	25	0.000968	0.000967	0.00000498	0.00628	0.00115	0.0415	0.0147	0.0000053	16.4	0.0000192
2051 Dec	132	0.215	0.523	0.00687	44.1	0.046	25	0.000968	0.000967	0.00000498	0.00628	0.00115	0.0415	0.0147	0.0000053	16.5	0.0000192
2052 Jan	132	0.215	0.523	0.00687	44.1	0.046	25	0.000968	0.000967	0.00000498	0.00628	0.00115	0.0415	0.0147	0.0000053	16.5	0.0000192
2052 Feb	132	0.215	0.523	0.00687	44.1	0.046	25	0.000968	0.000967	0.00000498	0.00628	0.00115	0.0415	0.0147	0.0000053	16.5	0.0000192
2052 Mar	132	0.215	0.523	0.00688	44.1	0.046	25	0.000968	0.000967	0.00000498	0.00628	0.00115	0.0415	0.0147	0.0000053	16.5	0.0000192
2052 Apr	132	0.215	0.523	0.00688	44.1	0.0461	25	0.000969	0.000967	0.00000498	0.00628	0.00115	0.0415	0.0147	0.0000053	16.5	0.0000192
2052 May	132	0.214	0.523	0.00687	44	0.046	25	0.000969	0.000968	0.00000499	0.00628	0.00115	0.0415	0.0147	0.0000053	16.5	0.0000192
2052 Jun	129	0.208	0.518	0.00666	43	0.0454	24.3	0.000968	0.000967	0.00000498	0.00628	0.00115	0.0404	0.0149	0.00000528	16.5	0.0000191
2052 Jul	129	0.207	0.518	0.00661	42.8	0.0454	24.3	0.000968	0.000967	0.00000498	0.00628	0.00115	0.0404	0.0149	0.00000528	16.5	0.0000191
2052 Aug	129	0.207	0.518	0.00661	42.8	0.0456	24.4	0.000969	0.000967	0.00000498	0.00629	0.00115	0.0406	0.0149	0.00000529	16.5	0.0000192
2052 Sep	129	0.207	0.518	0.0066	42.7	0.0457	24.5	0.000968	0.000967	0.00000498	0.0063	0.00115	0.0408	0.0149	0.00000528	16.5	0.0000192
2052 Oct	129	0.206	0.517	0.00658	42.6	0.0458	24.6	0.000968	0.000967	0.00000498	0.0063	0.00116	0.041	0.0149	0.00000528	16.6	0.0000192
2052 Nov	129	0.206	0.518	0.00658	42.6	0.0458	24.7	0.000968	0.000967	0.00000498	0.0063	0.00116	0.041	0.015	0.00000528	16.6	0.0000192
2052 Dec	129	0.206	0.518	0.00658	42.6	0.0458	24.7	0.000968	0.000967	0.00000498	0.0063	0.00116	0.041	0.015	0.00000528	16.6	0.0000192
2053 Jan	129	0.206	0.518	0.00658	42.6	0.0458	24.7	0.000968	0.000967	0.00000498	0.0063	0.00116	0.0411	0.015	0.00000528	16.6	0.0000192
2053 Feb	129	0.206	0.518	0.00658	42.6	0.0458	24.7	0.000968	0.000967	0.00000498	0.0063	0.00116	0.0411	0.015	0.00000528	16.6	0.0000192
2053 Mar	129	0.206	0.518	0.00658	42.6	0.0458	24.7	0.000968	0.000967	0.00000498	0.0063	0.00116	0.0411	0.015	0.00000528	16.6	0.0000192
2053 Apr	129	0.206	0.518	0.00659	42.6	0.0458	24.7	0.000968	0.000967	0.00000498	0.00631	0.00116	0.0411	0.015	0.00000529	16.6	0.0000192
2053 May	129	0.205	0.517	0.00655	42.4	0.046	24.9	0.000968	0.000966	0.00000498	0.00632	0.00116	0.0414	0.015	0.00000528	16.7	0.0000193
2053 Jun	125	0.196	0.508	0.00621	40.7	0.045	23.9	0.000965	0.000963	0.00000496	0.00629	0.00117	0.0399	0.0155	0.00000525	16.8	0.0000191
2053 Jul	125	0.195	0.508	0.00618	40.6	0.045	23.9	0.000966	0.000964	0.00000496	0.0063	0.00117	0.0399	0.0155	0.00000525	16.9	0.0000192
2053 Aug	125	0.195	0.509	0.0062	40.7	0.0453	24.2	0.000967	0.000966	0.00000497	0.00632	0.00117	0.0403	0.0156	0.00000527	16.9	0.0000192
2053 Sep	126	0.196	0.511	0.00622	40.8	0.0457	24.5	0.000968	0.000966	0.00000497	0.00634	0.00118	0.0409	0.0156	0.00000527	17	0.0000194
2053 Oct	127	0.197	0.511	0.00623	40.8	0.0459	24.8	0.000967	0.000966	0.00000497	0.00635	0.00118	0.0414	0.0156	0.00000527	17.1	0.0000194
2053 Nov	127	0.197	0.511	0.00623	40.8	0.0459	24.8	0.000967	0.000966	0.00000497	0.00635	0.00118	0.0414	0.0156	0.00000527	17.1	0.0000194
2053 Dec	127	0.197	0.511	0.00624	40.8	0.046	24.8	0.000967	0.000966	0.00000497	0.00635	0.00118	0.0414	0.0156	0.00000527	17.1	0.0000194
2054 Jan	127	0.197	0.512	0.00624	40.8	0.046	24.8	0.000967	0.000966	0.00000497	0.00635	0.00118	0.0415	0.0156	0.00000527	17.1	0.0000194
2054 Feb	127	0.197	0.512	0.00624	40.8	0.046	24.8	0.000967	0.000966	0.00000497	0.00635	0.00118	0.0415	0.0156	0.00000527	17.1	0.0000194
2054 Mar	127	0.197	0.512	0.00624	40.8	0.046	24.8	0.000967	0.000966	0.00000497	0.00635	0.00118	0.0415	0.0156	0.00000527	17.1	0.0000194
2054 Apr	127	0.197	0.512	0.00624	40.9	0.046	24.8	0.000967	0.000966	0.00000497	0.00635	0.00118	0.0415	0.0156	0.00000527	17.1	0.0000195
2054 May	127	0.197	0.512	0.00624	40.9	0.046	24.9	0.000968	0.000966	0.00000497	0.00636	0.00118	0.0415	0.0156	0.00000528	17.1	0.0000195
2054 Jun	125	0.192	0.505	0.00606	40	0.0453	24.3	0.000967	0.000965	0.00000497	0.00635	0.00118	0.0405	0.0158	0.00000526	17.2	0.0000194
2054 Jul	124	0.188	0.501	0.00595	39.5	0.045	24	0.000966	0.000965	0.00000496	0.00634	0.00118	0.0401	0.0159	0.00000525	17.2	0.0000194
2054 Aug	124	0.188	0.501	0.00594	39.5	0.0451	24.1	0.000967	0.000965	0.00000496	0.00635	0.00119	0.0403	0.016	0.00000526	17.2	0.0000194
2054 Sep	124	0.188	0.501	0.00593	39.4	0.0452	24.2	0.000967	0.000965	0.00000496	0.00636	0.00119	0.0404	0.016	0.00000526	17.3	0.0000194
2054 Oct	123	0.187	0.499	0.00589	39.2	0.0452	24.1	0.000966	0.000965	0.00000496	0.00635	0.00119	0.0403	0.016	0.00000525	17.3	0.0000194
2054 Nov	123	0.186	0.499	0.00587	39.1	0.0451	24.1	0.000966	0.000964	0.00000496	0.00635	0.00119	0.0402	0.016	0.00000525	17.3	0.0000194
2054 Dec	123	0.186	0.499	0.00587	39.1	0.0452	24.1	0.000966	0.000964	0.00000496	0.00636	0.00119	0.0403	0.016	0.00000525	17.3	0.0000194
2055 Jan	123	0.186	0.499	0.00587	39.1	0.0452	24.1	0.000966	0.000964	0.00000496	0.00636	0.00119	0.0403	0.016	0.00000525	17.3	0.0000194
2055 Feb	123	0.186	0.499	0.00587	39.1	0.0452	24.1	0.000966	0.000964	0.00000496	0.00636	0.00119	0.0403	0.016	0.00000525	17.3	0.0000194

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2055 Mar	123	0.186	0.499	0.00587	39.1	0.0452	24.1	0.000966	0.000964	0.00000496	0.00636	0.00119	0.0403	0.016	0.00000525	17.3	0.0000194
2055 Apr	123	0.186	0.499	0.00587	39.1	0.0452	24.1	0.000966	0.000965	0.00000496	0.00636	0.00119	0.0403	0.016	0.00000525	17.3	0.0000194
2055 May	123	0.186	0.499	0.00588	39.2	0.0452	24.1	0.000967	0.000965	0.00000496	0.00636	0.00119	0.0403	0.016	0.00000526	17.3	0.0000194
2055 Jun	119	0.177	0.49	0.0056	37.6	0.0442	23.1	0.000964	0.000963	0.00000495	0.00634	0.00118	0.0388	0.016	0.00000523	17	0.0000192
2055 Jul	117	0.172	0.486	0.00545	36.8	0.0436	22.5	0.000964	0.000962	0.00000494	0.00633	0.00117	0.0379	0.0159	0.00000521	16.9	0.0000191
2055 Aug	117	0.172	0.487	0.00546	36.9	0.0437	22.6	0.000965	0.000963	0.00000495	0.00634	0.00117	0.0381	0.016	0.00000522	16.9	0.0000192
2055 Sep	117	0.172	0.486	0.00546	36.9	0.0438	22.7	0.000965	0.000963	0.00000495	0.00635	0.00118	0.0383	0.016	0.00000522	17	0.0000192
2055 Oct	117	0.173	0.487	0.00546	36.9	0.0439	22.8	0.000965	0.000963	0.00000495	0.00635	0.00118	0.0384	0.016	0.00000522	17	0.0000192
2055 Nov	118	0.173	0.487	0.00546	36.9	0.044	22.9	0.000965	0.000963	0.00000495	0.00635	0.00118	0.0385	0.016	0.00000522	17	0.0000192
2055 Dec	118	0.173	0.487	0.00546	36.9	0.044	22.9	0.000965	0.000963	0.00000495	0.00635	0.00118	0.0385	0.016	0.00000522	17	0.0000192
2056 Jan	118	0.173	0.487	0.00546	36.9	0.044	22.9	0.000965	0.000963	0.00000495	0.00635	0.00118	0.0386	0.016	0.00000522	17	0.0000192
2056 Feb	118	0.173	0.487	0.00546	36.9	0.044	22.9	0.000965	0.000963	0.00000495	0.00635	0.00118	0.0386	0.016	0.00000522	17	0.0000192
2056 Mar	118	0.173	0.487	0.00546	36.9	0.044	22.9	0.000965	0.000963	0.00000495	0.00636	0.00118	0.0386	0.016	0.00000522	17	0.0000192
2056 Apr	118	0.173	0.487	0.00547	36.9	0.044	22.9	0.000965	0.000963	0.00000495	0.00636	0.00118	0.0386	0.016	0.00000523	17	0.0000192
2056 May	117	0.172	0.486	0.00545	36.8	0.0439	22.8	0.000966	0.000964	0.00000495	0.00636	0.00118	0.0384	0.016	0.00000523	17	0.0000192
2056 Jun	115	0.166	0.478	0.00524	35.8	0.043	22	0.000964	0.000962	0.00000494	0.00633	0.00118	0.037	0.0163	0.0000052	17.1	0.0000191
2056 Jul	115	0.165	0.478	0.00523	35.8	0.0431	22	0.000966	0.000964	0.00000495	0.00635	0.00118	0.0371	0.0163	0.00000521	17.1	0.0000191
2056 Aug	115	0.166	0.479	0.00523	35.9	0.0432	22.2	0.000967	0.000965	0.00000495	0.00636	0.00118	0.0374	0.0163	0.00000522	17.2	0.0000192
2056 Sep	115	0.166	0.479	0.00524	35.9	0.0434	22.3	0.000967	0.000965	0.00000496	0.00637	0.00119	0.0376	0.0164	0.00000523	17.2	0.0000192
2056 Oct	116	0.166	0.479	0.00523	35.9	0.0435	22.5	0.000966	0.000964	0.00000495	0.00637	0.00119	0.0379	0.0164	0.00000522	17.2	0.0000192
2056 Nov	116	0.166	0.478	0.00523	35.8	0.0436	22.5	0.000966	0.000964	0.00000495	0.00637	0.00119	0.0379	0.0164	0.00000522	17.2	0.0000193
2056 Dec	116	0.166	0.478	0.00523	35.8	0.0436	22.5	0.000966	0.000964	0.00000495	0.00637	0.00119	0.038	0.0164	0.00000522	17.2	0.0000193
2057 Jan	116	0.166	0.478	0.00523	35.8	0.0436	22.5	0.000966	0.000964	0.00000495	0.00637	0.00119	0.038	0.0164	0.00000522	17.2	0.0000193
2057 Feb	116	0.166	0.478	0.00523	35.8	0.0436	22.5	0.000966	0.000964	0.00000495	0.00637	0.00119	0.038	0.0164	0.00000522	17.2	0.0000193
2057 Mar	116	0.166	0.478	0.00523	35.9	0.0436	22.5	0.000966	0.000964	0.00000495	0.00637	0.00119	0.038	0.0164	0.00000522	17.2	0.0000193
2057 Apr	116	0.166	0.479	0.00523	35.9	0.0436	22.5	0.000966	0.000964	0.00000495	0.00637	0.00119	0.038	0.0164	0.00000522	17.2	0.0000193
2057 May	116	0.166	0.479	0.00523	35.9	0.0436	22.6	0.000967	0.000965	0.00000496	0.00638	0.00119	0.038	0.0164	0.00000523	17.3	0.0000193
2057 Jun	113	0.159	0.469	0.00502	34.8	0.0427	21.7	0.000967	0.000965	0.00000495	0.00637	0.00119	0.0366	0.0166	0.00000521	17.3	0.0000191
2057 Jul	112	0.158	0.467	0.00498	34.6	0.0426	21.6	0.000968	0.000966	0.00000496	0.00638	0.00119	0.0364	0.0167	0.00000521	17.3	0.0000192
2057 Aug	113	0.158	0.469	0.005	34.8	0.0428	21.7	0.000971	0.000969	0.00000497	0.0064	0.0012	0.0367	0.0167	0.00000523	17.4	0.0000192
2057 Sep	113	0.159	0.469	0.005	34.8	0.043	22	0.000971	0.000969	0.00000497	0.00641	0.0012	0.0371	0.0167	0.00000523	17.4	0.0000193
2057 Oct	114	0.159	0.469	0.00501	34.8	0.0432	22.2	0.00097	0.000968	0.00000497	0.00641	0.0012	0.0375	0.0167	0.00000523	17.5	0.0000194
2057 Nov	114	0.159	0.469	0.00501	34.8	0.0433	22.2	0.00097	0.000968	0.00000497	0.00642	0.0012	0.0375	0.0167	0.00000523	17.5	0.0000194
2057 Dec	114	0.159	0.469	0.00501	34.8	0.0433	22.2	0.00097	0.000968	0.00000497	0.00642	0.0012	0.0376	0.0167	0.00000523	17.5	0.0000194
2058 Jan	114	0.159	0.469	0.00501	34.8	0.0433	22.3	0.00097	0.000968	0.00000497	0.00642	0.0012	0.0376	0.0167	0.00000523	17.5	0.0000194
2058 Feb	114	0.159	0.469	0.00501	34.8	0.0433	22.3	0.00097	0.000968	0.00000497	0.00642	0.0012	0.0376	0.0167	0.00000523	17.5	0.0000194
2058 Mar	114	0.159	0.469	0.00501	34.8	0.0433	22.3	0.00097	0.000968	0.00000497	0.00642	0.0012	0.0376	0.0167	0.00000523	17.5	0.0000194
2058 Apr	114	0.159	0.47	0.00501	34.8	0.0433	22.3	0.00097	0.000968	0.00000497	0.00642	0.0012	0.0376	0.0167	0.00000523	17.5	0.0000194
2058 May	114	0.159	0.469	0.005	34.8	0.0435	22.5	0.00097	0.000968	0.00000497	0.00643	0.00121	0.038	0.0168	0.00000523	17.6	0.0000195
2058 Jun	112	0.152	0.456	0.00475	33.6	0.0428	22	0.000967	0.000964	0.00000495	0.00642	0.00122	0.0371	0.0174	0.00000521	17.9	0.0000195
2058 Jul	112	0.151	0.455	0.00471	33.5	0.0426	21.9	0.000968	0.000965	0.00000495	0.00642	0.00122	0.0369	0.0174	0.00000521	17.9	0.0000195
2058 Aug	112	0.151	0.456	0.00472	33.5	0.0428	22.1	0.000969	0.000967	0.00000496	0.00643	0.00122	0.0372	0.0175	0.00000522	18	0.0000196
2058 Sep	112	0.151	0.456	0.00472	33.5	0.043	22.2	0.000968	0.000966	0.00000496	0.00644	0.00122	0.0375	0.0175	0.00000522	18	0.0000196
2058 Oct	113	0.151	0.456	0.00471	33.5	0.0431	22.4	0.000968	0.000965	0.00000495	0.00644	0.00123	0.0378	0.0175	0.00000522	18	0.0000196
2058 Nov	113	0.151	0.456	0.00472	33.5	0.0432	22.4	0.000968	0.000965	0.00000495	0.00645	0.00123	0.0378	0.0175	0.00000522	18	0.0000196
2058 Dec	113	0.151	0.456	0.00472	33.5	0.0432	22.4	0.000968	0.000965	0.00000495	0.00645	0.00123	0.0378	0.0175	0.00000522	18	0.0000196
2059 Jan	113	0.151	0.456	0.00472	33.5	0.0432	22.4	0.000968	0.000965	0.00000495	0.00645	0.00123	0.0378	0.0175	0.00000522	18	0.0000196
2059 Feb	113	0.151	0.456	0.00472	33.5	0.0432	22.4	0.000968	0.000965	0.00000495	0.00645	0.00123	0.0378	0.0175	0.00000522	18	0.0000196
2059 Mar	113	0.151	0.456	0.00472	33.5	0.0432	22.4	0.000968	0.000965	0.00000495	0.00645	0.00123	0.0378	0.0175	0.00000522	18	0.0000196
2059 Apr	113	0.151	0.456	0.00472	33.5	0.0432	22.4	0.000968	0.000966	0.00000495	0.00645	0.00123	0.0378	0.0175	0.00000522	18.1	0.0000197
2059 May	113	0.151	0.455	0.00471	33.5	0.0432	22.4	0.000969	0.000966	0.00000496	0.00645	0.00123	0.0379	0.0175	0.00000522	18.1	0.0000197
2059 Jun	112	0.148	0.451	0.00462	33.1	0.0429	22.1	0.000969	0.000967	0.00000496	0.00645	0.00123	0.0373	0.0178	0.00000522	18.2	0.0000196
2059 Jul	112	0.149	0.452	0.00463	33.2	0.043	22.2	0.000972	0.000969	0.00000497	0.00647	0.00124	0.0375	0.0178	0.00000523	18.3	0.0000197
2059 Aug	113	0.149	0.453	0.00464	33.3	0.0432	22.4	0.000974	0.000972	0.00000498	0.00649	0.00124	0.0377	0.0179	0.00000525	18.3	0.0000198
2059 Sep	113	0.149	0.453	0.00464	33.4	0.0433	22.5	0.000974	0.000972	0.00000499	0.0065	0.00124	0.0379	0.0179	0.00000525	18.4	0.0000198
2059 Oct	113	0.149	0.451	0.00462	33.2	0.0434	22.6	0.000972	0.00097	0.00000498	0.0065	0.00124	0.0381	0.0179	0.00000524	18.4	0.0000198
2059 Nov	113	0.149	0.451	0.00462	33.2	0.0435	22.6	0.000972	0.00097	0.00000497	0.0065	0.00124	0.0382	0.0179	0.00000524	18.4	0.0000198
2059 Dec	113	0.149	0.451	0.00462	33.2	0.0435	22.7	0.000972	0.00097	0.00000497	0.0065	0.00124	0.0382	0.0179	0.00000524	18.4	0.0000198
2060 Jan	113	0.149	0.451	0.00462	33.2	0.0435	22.7	0.000972	0.00097	0.00000497	0.0065	0.00124	0.0382	0.0179	0.00000524	18.4	0.0000198
2060 Feb	113	0.149	0.451	0.00462	33.2	0.0435	22.7	0.000972	0.00097	0.00000497	0.0065	0.00124	0.0382	0.0179	0.00000524	18.4	0.0000198
2060 Mar	113	0.149	0.451	0.00462	33.2	0.0435	22.7	0.000972	0.00097	0.00000497	0.0065	0.00124	0.0382	0.0179	0.00000524	18.4	0.0000198
2060 Apr	113	0.149	0.451	0.00462	33.2	0.0435	22.7	0.000972	0.00097	0.00000498	0.0065	0.00124	0.0382	0.0179	0.00000524	18.4	0.0000198
2060 May	113	0.148	0.449	0.00459	33.1	0.0434	22.6	0.000973	0.000971	0.00000498	0.00651	0.00125	0.0381	0.018	0.00000524	18.5	0.0000199
2060 Jun	111	0.144	0.439	0.00442	32.4	0.0426	21.9	0.000975	0.000972	0.00000498	0.00651	0.00126	0.0368	0.0185	0.00000524	18.7	0.0000198
2060 Jul	111	0.144	0.439	0.00442	32.5	0.0427	21.9	0.000978	0.000975	0.000005	0.00653	0.00126	0.0368	0.0186	0.00000525	18.8	0.0000198

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2060 Aug	111	0.144	0.439	0.00442	32.5	0.0429	22	0.000979	0.000976	0.000005	0.00654	0.00127	0.037	0.0186	0.00000526	18.9	0.0000199
2060 Sep	111	0.143	0.437	0.00439	32.4	0.043	22.1	0.000977	0.000974	0.000005	0.00654	0.00127	0.0372	0.0186	0.00000525	18.9	0.0000199
2060 Oct	112	0.143	0.436	0.00438	32.4	0.0431	22.3	0.000976	0.000974	0.00000499	0.00655	0.00127	0.0374	0.0186	0.00000525	18.9	0.0000199
2060 Nov	111	0.143	0.436	0.00437	32.3	0.0431	22.2	0.000976	0.000973	0.00000499	0.00655	0.00127	0.0374	0.0186	0.00000525	18.9	0.0000199
2060 Dec	111	0.143	0.436	0.00437	32.3	0.0431	22.3	0.000976	0.000973	0.00000499	0.00655	0.00127	0.0374	0.0186	0.00000525	18.9	0.0000199
2061 Jan	111	0.143	0.436	0.00437	32.3	0.0431	22.3	0.000976	0.000973	0.00000499	0.00655	0.00127	0.0374	0.0186	0.00000525	18.9	0.0000199
2061 Feb	111	0.143	0.436	0.00437	32.3	0.0431	22.3	0.000976	0.000973	0.00000499	0.00655	0.00127	0.0374	0.0186	0.00000525	18.9	0.0000199
2061 Mar	111	0.143	0.436	0.00437	32.3	0.0431	22.3	0.000976	0.000973	0.00000499	0.00655	0.00127	0.0374	0.0186	0.00000525	18.9	0.0000199
2061 Apr	112	0.143	0.436	0.00437	32.3	0.0431	22.3	0.000976	0.000974	0.00000499	0.00655	0.00127	0.0374	0.0186	0.00000525	18.9	0.0000199
2061 May	111	0.141	0.433	0.00432	32.1	0.0431	22.2	0.000977	0.000974	0.00000499	0.00655	0.00127	0.0373	0.0188	0.00000525	19	0.0000199
2061 Jun	109	0.136	0.424	0.00413	31.3	0.0421	21.3	0.000975	0.000972	0.00000498	0.00652	0.00128	0.0358	0.0193	0.00000522	19.2	0.0000197
2061 Jul	109	0.136	0.425	0.00413	31.4	0.0422	21.4	0.000978	0.000974	0.00000499	0.00653	0.00128	0.0359	0.0194	0.00000524	19.3	0.0000197
2061 Aug	109	0.136	0.426	0.00414	31.4	0.0424	21.5	0.00098	0.000976	0.000005	0.00655	0.00129	0.0361	0.0194	0.00000525	19.4	0.0000198
2061 Sep	110	0.137	0.426	0.00414	31.5	0.0425	21.7	0.000979	0.000976	0.000005	0.00656	0.00129	0.0364	0.0194	0.00000525	19.4	0.0000198
2061 Oct	110	0.136	0.425	0.00413	31.4	0.0427	21.9	0.000977	0.000974	0.00000499	0.00656	0.00129	0.0367	0.0194	0.00000524	19.4	0.0000199
2061 Nov	110	0.136	0.424	0.00412	31.4	0.0428	21.9	0.000977	0.000973	0.00000499	0.00656	0.00129	0.0368	0.0194	0.00000524	19.4	0.0000199
2061 Dec	110	0.136	0.424	0.00412	31.4	0.0428	21.9	0.000977	0.000973	0.00000499	0.00656	0.00129	0.0368	0.0194	0.00000524	19.4	0.0000199
2062 Jan	110	0.136	0.424	0.00412	31.4	0.0428	22	0.000977	0.000973	0.00000499	0.00656	0.00129	0.0368	0.0194	0.00000524	19.4	0.0000199
2062 Feb	110	0.136	0.424	0.00412	31.4	0.0428	22	0.000977	0.000973	0.00000499	0.00656	0.00129	0.0368	0.0194	0.00000524	19.4	0.0000199
2062 Mar	110	0.136	0.424	0.00412	31.4	0.0428	22	0.000977	0.000973	0.00000499	0.00656	0.00129	0.0368	0.0194	0.00000524	19.4	0.0000199
2062 Apr	110	0.136	0.424	0.00412	31.4	0.0428	22	0.000977	0.000973	0.00000499	0.00656	0.00129	0.0368	0.0194	0.00000524	19.4	0.0000199
2062 May	110	0.136	0.425	0.00413	31.4	0.0428	22	0.000977	0.000974	0.00000499	0.00656	0.00129	0.0369	0.0194	0.00000524	19.4	0.0000199
2062 Jun	108	0.133	0.418	0.00402	30.8	0.0421	21.3	0.000978	0.000974	0.00000499	0.00656	0.00128	0.0358	0.0193	0.00000523	19.3	0.0000198
2062 Jul	107	0.13	0.415	0.00394	30.4	0.0417	20.8	0.000978	0.000975	0.00000499	0.00656	0.00128	0.0351	0.0193	0.00000523	19.1	0.0000197
2062 Aug	107	0.13	0.414	0.00393	30.4	0.0419	21	0.000979	0.000975	0.00000499	0.00656	0.00128	0.0353	0.0193	0.00000523	19.2	0.0000197
2062 Sep	107	0.129	0.413	0.00391	30.3	0.0419	21	0.000978	0.000974	0.00000499	0.00656	0.00128	0.0354	0.0192	0.00000523	19.1	0.0000197
2062 Oct	105	0.127	0.41	0.00384	29.8	0.0417	20.7	0.000975	0.000971	0.00000497	0.00654	0.00127	0.035	0.0191	0.00000521	19	0.0000196
2062 Nov	105	0.127	0.41	0.00384	29.8	0.0417	20.7	0.000975	0.00097	0.00000497	0.00654	0.00127	0.035	0.0191	0.00000521	19	0.0000196
2062 Dec	105	0.127	0.41	0.00384	29.8	0.0417	20.8	0.000975	0.00097	0.00000497	0.00654	0.00127	0.035	0.0191	0.00000521	19	0.0000196
2063 Jan	105	0.127	0.41	0.00384	29.8	0.0418	20.8	0.000975	0.00097	0.00000497	0.00654	0.00127	0.035	0.0191	0.00000521	19	0.0000196
2063 Feb	105	0.127	0.41	0.00384	29.8	0.0418	20.8	0.000975	0.00097	0.00000497	0.00654	0.00127	0.035	0.0191	0.00000521	19	0.0000196
2063 Mar	105	0.127	0.41	0.00384	29.8	0.0418	20.8	0.000975	0.00097	0.00000497	0.00654	0.00127	0.035	0.0191	0.00000521	19	0.0000196
2063 Apr	105	0.127	0.41	0.00384	29.8	0.0418	20.8	0.000975	0.00097	0.00000497	0.00654	0.00127	0.035	0.0191	0.00000521	19	0.0000196
2063 May	105	0.127	0.41	0.00383	29.7	0.0417	20.7	0.000975	0.000971	0.00000497	0.00654	0.00127	0.0349	0.0191	0.00000521	19	0.0000196
2063 Jun	101	0.12	0.401	0.00361	28.7	0.04	19.3	0.000967	0.000961	0.00000492	0.00643	0.00126	0.0325	0.0193	0.00000514	18.8	0.0000191
2063 Jul	100	0.119	0.4	0.00357	28.5	0.0397	19.1	0.000964	0.000959	0.00000491	0.00641	0.00126	0.0321	0.0192	0.00000513	18.7	0.000019
2063 Aug	101	0.119	0.401	0.00358	28.5	0.0399	19.2	0.000966	0.000961	0.00000492	0.00642	0.00126	0.0323	0.0193	0.00000514	18.8	0.000019
2063 Sep	101	0.119	0.401	0.00358	28.6	0.0401	19.4	0.000966	0.00096	0.00000492	0.00643	0.00126	0.0327	0.0193	0.00000514	18.8	0.0000191
2063 Oct	101	0.119	0.4	0.00357	28.5	0.0402	19.5	0.000965	0.000959	0.00000491	0.00643	0.00126	0.0329	0.0192	0.00000513	18.8	0.0000191
2063 Nov	101	0.119	0.4	0.00357	28.5	0.0402	19.5	0.000964	0.000959	0.00000491	0.00643	0.00126	0.0329	0.0192	0.00000513	18.8	0.0000191
2063 Dec	101	0.119	0.4	0.00357	28.5	0.0403	19.6	0.000964	0.000959	0.00000491	0.00643	0.00126	0.033	0.0192	0.00000513	18.8	0.0000191
2064 Jan	101	0.119	0.4	0.00357	28.5	0.0403	19.6	0.000964	0.000959	0.00000491	0.00643	0.00126	0.033	0.0192	0.00000513	18.8	0.0000191
2064 Feb	101	0.119	0.4	0.00357	28.5	0.0403	19.6	0.000964	0.000959	0.00000491	0.00643	0.00126	0.033	0.0192	0.00000513	18.8	0.0000191
2064 Mar	101	0.119	0.4	0.00357	28.5	0.0403	19.6	0.000964	0.000959	0.00000491	0.00643	0.00126	0.033	0.0192	0.00000513	18.8	0.0000191
2064 Apr	101	0.119	0.4	0.00358	28.5	0.0403	19.6	0.000965	0.000959	0.00000491	0.00643	0.00126	0.033	0.0192	0.00000513	18.8	0.0000191
2064 May	101	0.119	0.399	0.00355	28.4	0.0402	19.5	0.000964	0.000958	0.00000491	0.00643	0.00127	0.0329	0.0193	0.00000513	18.9	0.0000191
2064 Jun	99.1	0.115	0.393	0.00343	27.8	0.0393	18.9	0.000957	0.00095	0.00000486	0.00635	0.00126	0.0318	0.0195	0.00000508	18.9	0.0000188
2064 Jul	99.3	0.115	0.393	0.00343	27.8	0.0394	19	0.000958	0.000951	0.00000487	0.00636	0.00127	0.0319	0.0195	0.00000509	18.9	0.0000189
2064 Aug	99.6	0.115	0.393	0.00343	27.9	0.0395	19.1	0.000958	0.000951	0.00000487	0.00636	0.00127	0.0321	0.0195	0.00000509	18.9	0.0000189
2064 Sep	99.8	0.115	0.392	0.00341	27.8	0.0397	19.3	0.000956	0.000949	0.00000486	0.00636	0.00127	0.0325	0.0195	0.00000508	19	0.0000189
2064 Oct	100	0.114	0.391	0.00341	27.8	0.0398	19.5	0.000956	0.000948	0.00000486	0.00636	0.00127	0.0327	0.0195	0.00000508	19	0.000019
2064 Nov	100	0.115	0.391	0.00341	27.8	0.0399	19.5	0.000956	0.000948	0.00000486	0.00636	0.00127	0.0328	0.0195	0.00000508	19	0.000019
2064 Dec	100	0.115	0.391	0.00341	27.8	0.0399	19.5	0.000955	0.000948	0.00000486	0.00636	0.00127	0.0328	0.0195	0.00000508	19	0.000019
2065 Jan	100	0.115	0.391	0.00341	27.8	0.0399	19.5	0.000955	0.000948	0.00000486	0.00636	0.00127	0.0328	0.0195	0.00000508	19	0.000019
2065 Feb	100	0.115	0.391	0.00341	27.8	0.0399	19.5	0.000955	0.000948	0.00000486	0.00636	0.00127	0.0328	0.0195	0.00000508	19	0.000019
2065 Mar	100	0.115	0.392	0.00341	27.8	0.0399	19.5	0.000956	0.000948	0.00000486	0.00636	0.00127	0.0328	0.0195	0.00000508	19	0.000019
2065 Apr	100	0.115	0.392	0.00341	27.8	0.0399	19.5	0.000956	0.000949	0.00000486	0.00637	0.00127	0.0328	0.0195	0.00000508	19	0.000019
2065 May	100	0.114	0.391	0.0034	27.8	0.04	19.6	0.000956	0.000949	0.00000486	0.00637	0.00127	0.033	0.0195	0.00000508	19.1	0.000019
2065 Jun	98.4	0.111	0.385	0.00331	27.3	0.0391	18.9	0.000952	0.000944	0.00000483	0.00631	0.00127	0.0318	0.0197	0.00000505	19	0.0000188
2065 Jul	98.5	0.111	0.385	0.0033	27.3	0.0392	18.9	0.000953	0.000945	0.00000484	0.00632	0.00127	0.0318	0.0197	0.00000506	19.1	0.0000188
2065 Aug	98.9	0.111	0.385	0.00331	27.4	0.0394	19.1	0.000955	0.000947	0.00000485	0.00633	0.00128	0.0321	0.0198	0.00000507	19.1	0.0000188
2065 Sep	99.2	0.111	0.384	0.0033	27.3	0.0395	19.3	0.000953	0.000945	0.00000484	0.00633	0.00128	0.0324	0.0197	0.00000506	19.1	0.0000189
2065 Oct	98.7	0.11	0.381	0.00326	27.1	0.0395	19.3	0.000949	0.000941	0.00000482	0.00631	0.00127	0.0324	0.0196	0.00000504	19.1	0.0000188
2065 Nov	98.5	0.11	0.381	0.00325	27.1	0.0395	19.3	0.000949	0.00094	0.00000482	0.00631	0.00127	0.0323	0.0196	0.00000504	19.1	0.0000188
2065 Dec	98.5	0.11	0.381	0.00325	27.1	0.0395	19.3	0.000949	0.00094	0.00000482	0.00631	0.00127	0.0324	0.0196	0.00000504	19.1	0.0000188

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2066 Jan	98.6	0.11	0.381	0.00325	27.1	0.0396	19.3	0.000949	0.00094	0.00000482	0.00631	0.00127	0.0324	0.0196	0.00000504	19.1	0.0000188
2066 Feb	98.6	0.11	0.381	0.00325	27.1	0.0396	19.3	0.000949	0.00094	0.00000482	0.00631	0.00127	0.0324	0.0196	0.00000504	19.1	0.0000188
2066 Mar	98.6	0.11	0.381	0.00325	27.1	0.0396	19.3	0.000949	0.00094	0.00000482	0.00631	0.00127	0.0324	0.0196	0.00000504	19.1	0.0000188
2066 Apr	98.6	0.11	0.381	0.00325	27.1	0.0396	19.3	0.000949	0.00094	0.00000482	0.00631	0.00127	0.0324	0.0196	0.00000504	19.1	0.0000188
2066 May	98.6	0.11	0.381	0.00325	27.1	0.0396	19.3	0.00095	0.000941	0.00000482	0.00632	0.00127	0.0324	0.0196	0.00000504	19.1	0.0000188
2066 Jun	96.2	0.107	0.374	0.00316	26.5	0.0387	18.5	0.000945	0.000935	0.00000479	0.00626	0.00126	0.031	0.0195	0.000005	18.8	0.0000185
2066 Jul	96.1	0.107	0.374	0.00314	26.5	0.0387	18.4	0.000946	0.000936	0.00000479	0.00627	0.00126	0.031	0.0195	0.00000501	18.8	0.0000185
2066 Aug	96.5	0.107	0.374	0.00315	26.5	0.0389	18.6	0.000948	0.000938	0.0000048	0.00628	0.00127	0.0313	0.0196	0.00000502	18.9	0.0000186
2066 Sep	96.8	0.107	0.374	0.00315	26.5	0.039	18.8	0.000947	0.000937	0.0000048	0.00629	0.00127	0.0315	0.0196	0.00000502	18.9	0.0000186
2066 Oct	97	0.107	0.373	0.00314	26.5	0.0392	18.9	0.000946	0.000936	0.00000479	0.00629	0.00127	0.0318	0.0195	0.00000501	18.9	0.0000186
2066 Nov	97	0.107	0.373	0.00314	26.5	0.0392	19	0.000945	0.000935	0.00000479	0.00629	0.00127	0.0318	0.0195	0.00000501	18.9	0.0000186
2066 Dec	97	0.107	0.373	0.00314	26.5	0.0392	19	0.000945	0.000935	0.00000479	0.00629	0.00127	0.0319	0.0195	0.00000501	18.9	0.0000186
2067 Jan	97	0.107	0.373	0.00314	26.5	0.0392	19	0.000945	0.000935	0.00000479	0.00629	0.00127	0.0319	0.0195	0.00000501	18.9	0.0000186
2067 Feb	97	0.107	0.373	0.00314	26.5	0.0392	19	0.000945	0.000935	0.00000479	0.00629	0.00127	0.0319	0.0195	0.00000501	18.9	0.0000186
2067 Mar	97	0.107	0.373	0.00314	26.5	0.0392	19	0.000945	0.000935	0.00000479	0.00629	0.00127	0.0319	0.0195	0.00000501	18.9	0.0000186
2067 Apr	97	0.107	0.373	0.00314	26.5	0.0392	19	0.000946	0.000935	0.00000479	0.00629	0.00127	0.0319	0.0195	0.00000501	18.9	0.0000186
2067 May	97	0.107	0.373	0.00314	26.5	0.0392	19	0.000946	0.000936	0.0000048	0.0063	0.00127	0.0318	0.0196	0.00000501	18.9	0.0000187
2067 Jun	96	0.105	0.367	0.00308	26.2	0.0387	18.5	0.000946	0.000935	0.00000479	0.00628	0.00127	0.0311	0.0197	0.000005	18.9	0.0000186
2067 Jul	96.3	0.106	0.368	0.00309	26.3	0.0389	18.6	0.000948	0.000937	0.0000048	0.0063	0.00127	0.0313	0.0197	0.00000502	19	0.0000186
2067 Aug	96.7	0.106	0.368	0.00309	26.3	0.0391	18.8	0.000949	0.000938	0.0000048	0.00631	0.00128	0.0316	0.0197	0.00000502	19	0.0000187
2067 Sep	97	0.106	0.367	0.00309	26.3	0.0392	19	0.000949	0.000938	0.0000048	0.00632	0.00128	0.0318	0.0197	0.00000502	19.1	0.0000187
2067 Oct	97	0.105	0.366	0.00307	26.3	0.0393	19	0.000947	0.000936	0.0000048	0.00632	0.00128	0.0319	0.0197	0.00000502	19.1	0.0000187
2067 Nov	97	0.105	0.365	0.00307	26.3	0.0394	19.1	0.000947	0.000936	0.0000048	0.00632	0.00128	0.032	0.0197	0.00000502	19.1	0.0000187
2067 Dec	97.1	0.105	0.365	0.00307	26.3	0.0394	19.1	0.000947	0.000936	0.0000048	0.00632	0.00128	0.032	0.0197	0.00000502	19.1	0.0000187
2068 Jan	97.1	0.105	0.365	0.00307	26.3	0.0394	19.1	0.000947	0.000936	0.0000048	0.00632	0.00128	0.032	0.0197	0.00000502	19.1	0.0000187
2068 Feb	97.1	0.105	0.365	0.00307	26.3	0.0394	19.1	0.000947	0.000936	0.0000048	0.00632	0.00128	0.032	0.0197	0.00000502	19.1	0.0000187
2068 Mar	97.1	0.105	0.365	0.00307	26.3	0.0394	19.1	0.000947	0.000936	0.0000048	0.00632	0.00128	0.032	0.0197	0.00000502	19.1	0.0000187
2068 Apr	97.1	0.105	0.366	0.00307	26.3	0.0394	19.1	0.000948	0.000937	0.0000048	0.00632	0.00128	0.032	0.0197	0.00000502	19.1	0.0000187
2068 May	97	0.105	0.364	0.00306	26.2	0.0394	19	0.000948	0.000937	0.0000048	0.00633	0.00128	0.0319	0.0198	0.00000502	19.1	0.0000187
2068 Jun	94.8	0.102	0.353	0.00295	25.7	0.0383	18.2	0.000945	0.000932	0.00000477	0.00627	0.00128	0.0304	0.02	0.00000498	19.1	0.0000184
2068 Jul	95	0.102	0.353	0.00294	25.7	0.0384	18.2	0.000945	0.000932	0.00000477	0.00627	0.00128	0.0305	0.02	0.00000499	19.1	0.0000185
2068 Aug	95.3	0.102	0.354	0.00295	25.8	0.0385	18.4	0.000947	0.000935	0.00000479	0.00629	0.00129	0.0307	0.0201	0.000005	19.2	0.0000185
2068 Sep	95.6	0.102	0.353	0.00295	25.8	0.0387	18.5	0.000947	0.000934	0.00000478	0.00629	0.00129	0.0309	0.0201	0.000005	19.2	0.0000186
2068 Oct	95.7	0.102	0.353	0.00294	25.8	0.0388	18.6	0.000947	0.000934	0.00000478	0.00629	0.00129	0.0311	0.02	0.000005	19.2	0.0000186
2068 Nov	95.8	0.102	0.353	0.00295	25.8	0.0388	18.6	0.000947	0.000934	0.00000478	0.0063	0.00129	0.0311	0.02	0.000005	19.2	0.0000186
2068 Dec	95.8	0.102	0.353	0.00295	25.8	0.0388	18.6	0.000947	0.000934	0.00000478	0.0063	0.00129	0.0311	0.02	0.000005	19.2	0.0000186
2069 Jan	95.8	0.102	0.353	0.00295	25.8	0.0388	18.6	0.000947	0.000934	0.00000478	0.0063	0.00129	0.0311	0.02	0.000005	19.2	0.0000186
2069 Feb	95.8	0.102	0.353	0.00295	25.8	0.0388	18.6	0.000947	0.000934	0.00000478	0.0063	0.00129	0.0311	0.02	0.000005	19.2	0.0000186
2069 Mar	95.8	0.102	0.353	0.00295	25.8	0.0388	18.6	0.000947	0.000934	0.00000478	0.0063	0.00129	0.0311	0.02	0.000005	19.2	0.0000186
2069 Apr	95.8	0.102	0.353	0.00295	25.8	0.0388	18.6	0.000947	0.000934	0.00000478	0.0063	0.00129	0.0311	0.0201	0.000005	19.2	0.0000186
2069 May	95.9	0.102	0.353	0.00295	25.8	0.0388	18.6	0.000948	0.000935	0.00000479	0.0063	0.00129	0.0312	0.0201	0.000005	19.3	0.0000186
2069 Jun	94.7	0.1	0.348	0.0029	25.5	0.0384	18.2	0.000948	0.000934	0.00000479	0.0063	0.00129	0.0305	0.02	0.000005	19.1	0.0000186
2069 Jul	94.6	0.1	0.347	0.00289	25.5	0.0384	18.2	0.00095	0.000936	0.00000479	0.00631	0.00129	0.0305	0.02	0.00000501	19.1	0.0000186
2069 Aug	95	0.1	0.347	0.00289	25.5	0.0385	18.4	0.000951	0.000937	0.0000048	0.00632	0.00129	0.0307	0.02	0.00000501	19.2	0.0000186
2069 Sep	94.9	0.0997	0.346	0.00288	25.5	0.0386	18.4	0.00095	0.000936	0.00000479	0.00632	0.00129	0.0308	0.02	0.00000501	19.2	0.0000186
2069 Oct	94.2	0.099	0.342	0.00285	25.3	0.0385	18.2	0.000948	0.000934	0.00000478	0.00631	0.00129	0.0305	0.0199	0.000005	19	0.0000185
2069 Nov	94.1	0.0989	0.342	0.00285	25.2	0.0385	18.2	0.000948	0.000934	0.00000478	0.00631	0.00129	0.0305	0.0198	0.00000499	19	0.0000185
2069 Dec	94.1	0.0989	0.342	0.00285	25.2	0.0385	18.2	0.000948	0.000934	0.00000478	0.00631	0.00129	0.0305	0.0198	0.00000499	19	0.0000185
2070 Jan	94.1	0.0989	0.342	0.00285	25.2	0.0385	18.2	0.000948	0.000934	0.00000478	0.00631	0.00129	0.0305	0.0198	0.00000499	19	0.0000185
2070 Feb	94.1	0.0989	0.342	0.00285	25.2	0.0385	18.2	0.000948	0.000934	0.00000478	0.00631	0.00129	0.0305	0.0198	0.00000499	19	0.0000185
2070 Mar	94.1	0.0989	0.342	0.00285	25.2	0.0385	18.2	0.000948	0.000934	0.00000478	0.00631	0.00129	0.0305	0.0198	0.00000499	19	0.0000185
2070 Apr	94.1	0.0989	0.342	0.00285	25.2	0.0385	18.2	0.000948	0.000934	0.00000478	0.00631	0.00129	0.0305	0.0199	0.000005	19	0.0000185
2070 May	94	0.0988	0.341	0.00284	25.2	0.0384	18.2	0.000949	0.000935	0.00000479	0.00632	0.00129	0.0304	0.0199	0.000005	19	0.0000185
2070 Jun	93	0.0977	0.336	0.0028	25	0.038	17.7	0.000949	0.000933	0.00000478	0.0063	0.00129	0.0296	0.02	0.00000499	19	0.0000184
2070 Jul	93.3	0.0978	0.337	0.0028	25.1	0.0381	17.8	0.000951	0.000935	0.00000479	0.00631	0.00129	0.0298	0.02	0.000005	19.1	0.0000185
2070 Aug	93.7	0.0979	0.337	0.00281	25.1	0.0383	18	0.000952	0.000936	0.00000479	0.00633	0.00129	0.03	0.0201	0.000005	19.1	0.0000185
2070 Sep	93.7	0.0978	0.336	0.0028	25.1	0.0383	18	0.000951	0.000935	0.00000479	0.00632	0.00129	0.0301	0.02	0.000005	19.1	0.0000185
2070 Oct	93.4	0.0975	0.334	0.00278	25	0.0383	18	0.00095	0.000934	0.00000478	0.00632	0.00129	0.03	0.02	0.00000499	19.1	0.0000184
2070 Nov	93.4	0.0975	0.334	0.00278	25	0.0383	18	0.00095	0.000934	0.00000478	0.00632	0.00129	0.03	0.02	0.00000499	19.1	0.0000184
2070 Dec	93.4	0.0975	0.334	0.00278	25	0.0383	18	0.00095	0.000934	0.00000478	0.00632	0.00129	0.03	0.02	0.00000499	19.1	0.0000184
2071 Jan	93.4	0.0975	0.334	0.00278	25	0.0383	18	0.00095	0.000934	0.00000478	0.00632	0.00129	0.03	0.02	0.00000499	19.1	0.0000184
2071 Feb	93.4	0.0975	0.334	0.00278	25	0.0383	18	0.00095	0.000934	0.00000478	0.00632	0.00129	0.03	0.02	0.00000499	19.1	0.0000184
2071 Mar	93.4	0.0975	0.334	0.00278	25	0.0383	18	0.00095	0.000934	0.00000478	0.00632	0.00129	0.03	0.02	0.00000499	19.1	0.0000184
2071 Apr	93.4	0.0975	0.334	0.00278	25	0.0383	18	0.00095	0.000934	0.00000478	0.00632	0.00129	0.03	0.02	0.00000499	19.1	0.0000184
2071 May	93.2	0.0973	0.333	0.00277	25	0.0383	17.9	0.000951	0.000934	0.00000478	0.00632	0.00129	0.0298	0.02	0.00000499	19.1	0.0000184

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2071 Jun	91.9	0.096	0.327	0.00271	24.7	0.0376	17.3	0.000949	0.000931	0.00000477	0.00629	0.00129	0.0288	0.0202	0.00000497	19.1	0.0000182
2071 Jul	91.9	0.0958	0.327	0.00271	24.7	0.0376	17.3	0.00095	0.000931	0.00000477	0.00629	0.0013	0.0288	0.0202	0.00000497	19.1	0.0000182
2071 Aug	92.2	0.096	0.327	0.00271	24.8	0.0377	17.4	0.000951	0.000933	0.00000478	0.0063	0.0013	0.0289	0.0202	0.00000498	19.1	0.0000183
2071 Sep	92.3	0.0958	0.326	0.00271	24.8	0.0378	17.5	0.00095	0.000932	0.00000477	0.0063	0.0013	0.0291	0.0202	0.00000498	19.1	0.0000183
2071 Oct	92.3	0.0957	0.325	0.0027	24.7	0.0378	17.5	0.00095	0.000931	0.00000477	0.0063	0.0013	0.0291	0.0202	0.00000498	19.1	0.0000183
2071 Nov	92.3	0.0957	0.325	0.0027	24.7	0.0378	17.5	0.00095	0.000931	0.00000477	0.0063	0.0013	0.0291	0.0202	0.00000498	19.1	0.0000183
2071 Dec	92.3	0.0957	0.325	0.0027	24.7	0.0378	17.5	0.00095	0.000931	0.00000477	0.0063	0.0013	0.0291	0.0202	0.00000498	19.1	0.0000183
2072 Jan	92.3	0.0957	0.325	0.0027	24.7	0.0378	17.5	0.00095	0.000931	0.00000477	0.0063	0.0013	0.0291	0.0202	0.00000498	19.1	0.0000183
2072 Feb	92.3	0.0957	0.325	0.0027	24.7	0.0378	17.5	0.00095	0.000931	0.00000477	0.0063	0.0013	0.0291	0.0202	0.00000498	19.1	0.0000183
2072 Mar	92.3	0.0957	0.325	0.0027	24.7	0.0378	17.5	0.00095	0.000931	0.00000477	0.0063	0.0013	0.0291	0.0202	0.00000498	19.1	0.0000183
2072 Apr	92.3	0.0957	0.325	0.0027	24.7	0.0378	17.5	0.00095	0.000931	0.00000477	0.0063	0.0013	0.0291	0.0202	0.00000498	19.1	0.0000183
2072 May	92.4	0.0958	0.325	0.0027	24.7	0.0378	17.5	0.00095	0.000932	0.00000477	0.0063	0.0013	0.0291	0.0202	0.00000498	19.1	0.0000183
2072 Jun	91.4	0.0947	0.322	0.00268	24.5	0.0376	17.2	0.000951	0.000932	0.00000477	0.00631	0.0013	0.0287	0.0201	0.00000498	19	0.0000182
2072 Jul	91.3	0.0944	0.321	0.00267	24.5	0.0376	17.2	0.000952	0.000933	0.00000478	0.00631	0.0013	0.0286	0.02	0.00000498	19	0.0000183
2072 Aug	91.1	0.0939	0.319	0.00266	24.4	0.0376	17.2	0.000952	0.000933	0.00000477	0.00631	0.00129	0.0286	0.02	0.00000498	18.9	0.0000182
2072 Sep	90.7	0.0934	0.317	0.00264	24.3	0.0376	17.1	0.000952	0.000932	0.00000477	0.0063	0.00129	0.0285	0.0199	0.00000498	18.8	0.0000181
2072 Oct	90.1	0.0929	0.315	0.00263	24.1	0.0375	17	0.000951	0.00093	0.00000476	0.00628	0.00129	0.0283	0.0197	0.00000496	18.7	0.000018
2072 Nov	90.1	0.0929	0.315	0.00262	24.1	0.0375	17	0.000951	0.000929	0.00000476	0.00628	0.00129	0.0283	0.0197	0.00000496	18.7	0.000018
2072 Dec	90.1	0.0929	0.315	0.00262	24.1	0.0375	17	0.00095	0.000929	0.00000476	0.00628	0.00129	0.0283	0.0197	0.00000496	18.7	0.000018
2073 Jan	90.1	0.0929	0.315	0.00262	24.1	0.0375	17	0.00095	0.000929	0.00000476	0.00628	0.00129	0.0283	0.0197	0.00000496	18.7	0.000018
2073 Feb	90.1	0.0929	0.315	0.00262	24.1	0.0375	17	0.00095	0.000929	0.00000476	0.00628	0.00129	0.0283	0.0197	0.00000496	18.7	0.000018
2073 Mar	90.1	0.0929	0.315	0.00262	24.1	0.0375	17	0.00095	0.000929	0.00000476	0.00628	0.00129	0.0283	0.0197	0.00000496	18.7	0.000018
2073 Apr	90.1	0.0929	0.315	0.00262	24.1	0.0376	17	0.000951	0.00093	0.00000476	0.00628	0.00129	0.0283	0.0197	0.00000496	18.7	0.000018
2073 May	90.1	0.0927	0.314	0.00261	24.1	0.0376	17	0.00095	0.000929	0.00000476	0.00628	0.00129	0.0284	0.0197	0.00000496	18.7	0.000018
2073 Jun	89.4	0.0918	0.31	0.00258	23.9	0.0372	16.8	0.000948	0.000925	0.00000474	0.00624	0.00129	0.0279	0.0198	0.00000494	18.7	0.0000179
2073 Jul	89.5	0.0917	0.31	0.00258	23.9	0.0373	16.8	0.000949	0.000926	0.00000474	0.00625	0.00129	0.028	0.0198	0.00000494	18.7	0.0000179
2073 Aug	89.8	0.0918	0.31	0.00258	24	0.0374	16.9	0.00095	0.000927	0.00000475	0.00626	0.00129	0.0281	0.0198	0.00000495	18.8	0.0000179
2073 Sep	89.9	0.0917	0.309	0.00258	24	0.0375	17	0.00095	0.000926	0.00000474	0.00626	0.0013	0.0283	0.0198	0.00000495	18.8	0.0000179
2073 Oct	89.8	0.0916	0.308	0.00257	23.9	0.0375	17	0.000948	0.000924	0.00000474	0.00625	0.00129	0.0283	0.0198	0.00000494	18.7	0.0000179
2073 Nov	89.8	0.0915	0.308	0.00256	23.9	0.0375	17	0.000948	0.000924	0.00000473	0.00625	0.00129	0.0283	0.0198	0.00000494	18.7	0.0000179
2073 Dec	89.8	0.0915	0.308	0.00256	23.9	0.0375	17	0.000948	0.000924	0.00000473	0.00625	0.00129	0.0283	0.0198	0.00000494	18.7	0.0000179
2074 Jan	89.8	0.0915	0.308	0.00256	23.9	0.0375	17	0.000948	0.000924	0.00000473	0.00625	0.00129	0.0283	0.0198	0.00000494	18.7	0.0000179
2074 Feb	89.8	0.0915	0.308	0.00256	23.9	0.0375	17	0.000948	0.000924	0.00000473	0.00625	0.00129	0.0283	0.0198	0.00000494	18.7	0.0000179
2074 Mar	89.8	0.0915	0.308	0.00256	23.9	0.0375	17	0.000948	0.000924	0.00000473	0.00625	0.00129	0.0283	0.0198	0.00000494	18.7	0.0000179
2074 Apr	89.8	0.0915	0.308	0.00257	23.9	0.0375	17	0.000948	0.000924	0.00000473	0.00625	0.00129	0.0283	0.0198	0.00000494	18.7	0.0000179
2074 May	89.8	0.0913	0.306	0.00255	23.8	0.0375	17	0.000948	0.000924	0.00000473	0.00625	0.0013	0.0283	0.0199	0.00000494	18.8	0.0000179
2074 Jun	89	0.0903	0.3	0.00251	23.6	0.0369	16.7	0.000944	0.000917	0.0000047	0.00618	0.0013	0.0276	0.02	0.0000049	18.9	0.0000177
2074 Jul	89.3	0.0904	0.301	0.00251	23.7	0.037	16.8	0.000946	0.000919	0.00000471	0.0062	0.00131	0.0277	0.0201	0.00000491	18.9	0.0000177
2074 Aug	89.6	0.0906	0.301	0.00252	23.8	0.0372	16.9	0.000948	0.000921	0.00000472	0.00621	0.00131	0.0279	0.0201	0.00000492	19	0.0000178
2074 Sep	89.9	0.0905	0.3	0.00251	23.8	0.0373	17.1	0.000946	0.000919	0.00000471	0.00621	0.00131	0.0282	0.0201	0.00000492	19	0.0000178
2074 Oct	90.1	0.0904	0.3	0.00251	23.7	0.0374	17.2	0.000945	0.000918	0.0000047	0.00621	0.00131	0.0284	0.0201	0.00000491	19	0.0000178
2074 Nov	90.3	0.0904	0.299	0.0025	23.7	0.0375	17.3	0.000944	0.000917	0.0000047	0.00621	0.00131	0.0286	0.02	0.00000491	19	0.0000178
2074 Dec	90.3	0.0903	0.299	0.0025	23.7	0.0376	17.3	0.000944	0.000917	0.0000047	0.00621	0.00131	0.0287	0.02	0.00000491	19	0.0000178
2075 Jan	90.3	0.0903	0.299	0.0025	23.7	0.0376	17.4	0.000944	0.000917	0.0000047	0.00621	0.00131	0.0287	0.02	0.00000491	19	0.0000178
2075 Feb	90.3	0.0903	0.299	0.0025	23.7	0.0376	17.4	0.000944	0.000917	0.0000047	0.00621	0.00131	0.0287	0.02	0.00000491	19	0.0000178
2075 Mar	90.3	0.0904	0.299	0.0025	23.7	0.0376	17.4	0.000944	0.000917	0.0000047	0.00621	0.00131	0.0287	0.02	0.00000491	19	0.0000178
2075 Apr	90.4	0.0904	0.299	0.0025	23.7	0.0376	17.4	0.000944	0.000917	0.0000047	0.00621	0.00131	0.0287	0.0201	0.00000491	19	0.0000179
2075 May	90.6	0.0904	0.299	0.0025	23.7	0.0377	17.5	0.000944	0.000917	0.0000047	0.00622	0.00131	0.0289	0.0201	0.00000491	19	0.0000179
2075 Jun	89.2	0.089	0.294	0.00247	23.4	0.0372	17	0.000944	0.000915	0.00000469	0.0062	0.00131	0.0282	0.0199	0.0000049	18.8	0.0000178
2075 Jul	88.7	0.0884	0.293	0.00246	23.3	0.037	16.9	0.000945	0.000915	0.00000469	0.0062	0.0013	0.0279	0.0198	0.0000049	18.7	0.0000178
2075 Aug	88.9	0.0884	0.293	0.00246	23.3	0.0371	17	0.000946	0.000916	0.00000469	0.00621	0.00131	0.0281	0.0198	0.00000491	18.7	0.0000178
2075 Sep	89.1	0.0885	0.293	0.00246	23.4	0.0372	17.1	0.000946	0.000916	0.0000047	0.00621	0.00131	0.0282	0.0198	0.00000491	18.8	0.0000178
2075 Oct	89.2	0.0884	0.292	0.00246	23.3	0.0372	17.1	0.000946	0.000916	0.00000469	0.00621	0.00131	0.0283	0.0198	0.00000491	18.7	0.0000178
2075 Nov	89.2	0.0884	0.292	0.00246	23.3	0.0373	17.1	0.000945	0.000916	0.00000469	0.00622	0.00131	0.0283	0.0198	0.00000491	18.8	0.0000179
2075 Dec	89.2	0.0884	0.292	0.00246	23.3	0.0373	17.1	0.000945	0.000916	0.00000469	0.00622	0.00131	0.0283	0.0198	0.00000491	18.8	0.0000179
2076 Jan	89.2	0.0884	0.292	0.00246	23.3	0.0373	17.1	0.000945	0.000916	0.00000469	0.00622	0.00131	0.0283	0.0198	0.00000491	18.8	0.0000179
2076 Feb	89.2	0.0884	0.292	0.00246	23.3	0.0373	17.1	0.000945	0.000916	0.00000469	0.00622	0.00131	0.0283	0.0198	0.00000491	18.8	0.0000179
2076 Mar	89.2	0.0884	0.292	0.00246	23.3	0.0373	17.1	0.000946	0.000916	0.00000469	0.00622	0.00131	0.0283	0.0198	0.00000491	18.8	0.0000179
2076 Apr	89.3	0.0884	0.292	0.00246	23.3	0.0373	17.1	0.000946	0.000916	0.00000469	0.00622	0.00131	0.0283	0.0198	0.00000491	18.8	0.0000179
2076 May	89.3	0.0884	0.292	0.00246	23.3	0.0373	17.1	0.000947	0.000917	0.0000047	0.00622	0.00131	0.0283	0.0198	0.00000491	18.8	0.0000179
2076 Jun	88.3	0.0873	0.287	0.00243	23.2	0.0367	16.7	0.000947	0.000915	0.00000469	0.0062	0.00131	0.0275	0.0199	0.0000049	18.8	0.0000178
2076 Jul	88.3	0.0872	0.286	0.00242	23.2	0.0367	16.7	0.000948	0.000916	0.00000469	0.0062	0.00131	0.0275	0.02	0.0000049	18.8	0.0000178
2076 Aug	88.6	0.0873	0.287	0.00243	23.2	0.0368	16.8	0.00095	0.000918	0.0000047	0.00622	0.00132	0.0276	0.02	0.00000491	18.8	0.0000178
2076 Sep	88.8	0.0873	0.287	0.00243	23.3	0.0369	16.9	0.00095	0.000918	0.0000047	0.00622	0.00132	0.0278	0.02	0.00000492	18.9	0.0000179
2076 Oct	88.9	0.0872	0.286	0.00242	23.2	0.0369	16.9	0.000949	0.000917	0.0000047	0.00622	0.00132	0.0279	0.02	0.00000491	18.9	0.0000179

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2076 Nov	88.9	0.0872	0.286	0.00242	23.2	0.037	17	0.000948	0.000916	0.0000047	0.00622	0.00132	0.0279	0.02	0.00000491	18.9	0.0000179
2076 Dec	88.9	0.0872	0.286	0.00242	23.2	0.037	17	0.000948	0.000916	0.0000047	0.00622	0.00132	0.028	0.02	0.00000491	18.9	0.0000179
2077 Jan	89	0.0872	0.286	0.00242	23.2	0.037	17	0.000948	0.000916	0.0000047	0.00622	0.00132	0.028	0.02	0.00000491	18.9	0.0000179
2077 Feb	89	0.0872	0.286	0.00242	23.2	0.037	17	0.000948	0.000916	0.0000047	0.00622	0.00132	0.028	0.02	0.00000491	18.9	0.0000179
2077 Mar	89	0.0872	0.286	0.00242	23.2	0.037	17	0.000948	0.000916	0.0000047	0.00622	0.00132	0.028	0.02	0.00000491	18.9	0.0000179
2077 Apr	89	0.0872	0.286	0.00242	23.2	0.037	17	0.000948	0.000916	0.0000047	0.00622	0.00132	0.028	0.02	0.00000491	18.9	0.0000179
2077 May	89	0.0872	0.285	0.00242	23.2	0.037	17	0.000949	0.000917	0.0000047	0.00622	0.00132	0.0279	0.02	0.00000491	18.9	0.0000179
2077 Jun	88.4	0.0864	0.28	0.00239	23.1	0.0365	16.7	0.000948	0.000914	0.00000469	0.0062	0.00132	0.0274	0.0202	0.0000049	18.9	0.0000178
2077 Jul	88.6	0.0865	0.281	0.00239	23.1	0.0366	16.7	0.00095	0.000916	0.0000047	0.00621	0.00133	0.0275	0.0202	0.00000491	19	0.0000179
2077 Aug	88.9	0.0867	0.281	0.0024	23.2	0.0367	16.8	0.000952	0.000918	0.00000471	0.00623	0.00133	0.0276	0.0202	0.00000492	19	0.0000179
2077 Sep	89	0.0865	0.28	0.00239	23.2	0.0368	16.9	0.000951	0.000916	0.0000047	0.00622	0.00133	0.0277	0.0202	0.00000491	19	0.0000179
2077 Oct	89	0.0864	0.279	0.00239	23.2	0.0368	16.9	0.00095	0.000916	0.0000047	0.00622	0.00133	0.0278	0.0202	0.00000491	19	0.0000179
2077 Nov	89	0.0864	0.279	0.00239	23.2	0.0368	17	0.00095	0.000916	0.00000469	0.00622	0.00133	0.0278	0.0202	0.00000491	19	0.0000179
2077 Dec	89	0.0864	0.279	0.00239	23.2	0.0369	17	0.00095	0.000916	0.00000469	0.00622	0.00133	0.0278	0.0202	0.00000491	19	0.0000179
2078 Jan	89	0.0864	0.279	0.00239	23.2	0.0369	17	0.00095	0.000916	0.00000469	0.00622	0.00133	0.0278	0.0202	0.00000491	19	0.0000179
2078 Feb	89	0.0864	0.279	0.00239	23.2	0.0369	17	0.00095	0.000916	0.00000469	0.00622	0.00133	0.0278	0.0202	0.00000491	19	0.0000179
2078 Mar	89	0.0864	0.279	0.00239	23.2	0.0369	17	0.00095	0.000916	0.0000047	0.00622	0.00133	0.0278	0.0202	0.00000491	19	0.0000179
2078 Apr	89.1	0.0864	0.279	0.00239	23.2	0.0369	17	0.000951	0.000916	0.0000047	0.00623	0.00133	0.0278	0.0202	0.00000491	19	0.0000179
2078 May	89	0.0862	0.276	0.00237	23.1	0.0367	16.9	0.000952	0.000917	0.0000047	0.00622	0.00134	0.0276	0.0203	0.00000491	19.1	0.0000179
2078 Jun	88.4	0.0856	0.271	0.00234	23	0.0362	16.6	0.000951	0.000913	0.00000468	0.00619	0.00134	0.027	0.0206	0.00000489	19.2	0.0000178
2078 Jul	88.7	0.0858	0.272	0.00235	23.1	0.0363	16.6	0.000953	0.000915	0.00000469	0.0062	0.00135	0.0271	0.0206	0.0000049	19.3	0.0000178
2078 Aug	89	0.0858	0.272	0.00235	23.1	0.0364	16.7	0.000954	0.000916	0.0000047	0.00621	0.00135	0.0273	0.0206	0.00000491	19.3	0.0000179
2078 Sep	89.2	0.0858	0.272	0.00235	23.1	0.0365	16.9	0.000953	0.000916	0.00000469	0.00621	0.00135	0.0275	0.0206	0.00000491	19.3	0.0000179
2078 Oct	89.4	0.0857	0.271	0.00234	23.1	0.0366	17	0.000953	0.000915	0.00000469	0.00621	0.00135	0.0276	0.0206	0.00000491	19.3	0.0000179
2078 Nov	89.4	0.0857	0.271	0.00234	23.1	0.0366	17	0.000952	0.000915	0.00000469	0.00621	0.00135	0.0277	0.0206	0.00000491	19.3	0.0000179
2078 Dec	89.4	0.0857	0.271	0.00234	23.1	0.0367	17	0.000952	0.000915	0.00000469	0.00621	0.00135	0.0277	0.0206	0.00000491	19.3	0.0000179
2079 Jan	89.4	0.0857	0.271	0.00234	23.1	0.0367	17	0.000952	0.000915	0.00000469	0.00621	0.00135	0.0277	0.0206	0.00000491	19.3	0.0000179
2079 Feb	89.4	0.0857	0.271	0.00234	23.1	0.0367	17	0.000952	0.000915	0.00000469	0.00621	0.00135	0.0277	0.0206	0.00000491	19.3	0.0000179
2079 Mar	89.4	0.0857	0.271	0.00234	23.1	0.0367	17	0.000952	0.000915	0.00000469	0.00621	0.00135	0.0277	0.0206	0.00000491	19.3	0.0000179
2079 Apr	89.5	0.0857	0.271	0.00234	23.1	0.0367	17	0.000953	0.000915	0.00000469	0.00621	0.00135	0.0277	0.0206	0.00000491	19.3	0.0000179
2079 May	89.5	0.0858	0.271	0.00234	23.1	0.0367	17	0.000953	0.000916	0.00000469	0.00622	0.00135	0.0277	0.0206	0.00000491	19.4	0.0000179
2079 Jun	88.6	0.0846	0.266	0.00232	22.9	0.0362	16.7	0.000954	0.000914	0.00000469	0.0062	0.00135	0.0271	0.0206	0.0000049	19.3	0.0000179
2079 Jul	88.5	0.0843	0.265	0.00231	22.9	0.0361	16.6	0.000955	0.000915	0.00000469	0.0062	0.00135	0.027	0.0206	0.0000049	19.3	0.0000179
2079 Aug	88.8	0.0844	0.265	0.00232	23	0.0363	16.7	0.000956	0.000916	0.0000047	0.00621	0.00136	0.0272	0.0206	0.00000491	19.3	0.0000179
2079 Sep	88.9	0.0843	0.265	0.00231	23	0.0363	16.8	0.000955	0.000915	0.00000469	0.00621	0.00136	0.0273	0.0206	0.00000491	19.3	0.0000179
2079 Oct	88.9	0.0842	0.264	0.00231	22.9	0.0364	16.8	0.000955	0.000914	0.00000469	0.00621	0.00136	0.0274	0.0206	0.00000491	19.3	0.0000179
2079 Nov	88.8	0.0842	0.264	0.00231	22.9	0.0364	16.8	0.000955	0.000914	0.00000469	0.00621	0.00135	0.0274	0.0206	0.0000049	19.3	0.0000179
2079 Dec	88.8	0.0842	0.263	0.0023	22.9	0.0364	16.8	0.000955	0.000914	0.00000469	0.00621	0.00135	0.0274	0.0205	0.0000049	19.3	0.0000179
2080 Jan	88.8	0.0842	0.263	0.0023	22.9	0.0364	16.8	0.000955	0.000914	0.00000469	0.00621	0.00135	0.0274	0.0205	0.0000049	19.3	0.0000179
2080 Feb	88.8	0.0842	0.263	0.0023	22.9	0.0364	16.8	0.000955	0.000914	0.00000469	0.00621	0.00135	0.0274	0.0205	0.0000049	19.3	0.0000179
2080 Mar	88.8	0.0842	0.263	0.0023	22.9	0.0364	16.8	0.000955	0.000914	0.00000469	0.00621	0.00135	0.0274	0.0205	0.0000049	19.3	0.0000179
2080 Apr	88.8	0.0842	0.263	0.00231	22.9	0.0364	16.8	0.000955	0.000914	0.00000469	0.00621	0.00135	0.0274	0.0205	0.0000049	19.3	0.0000179
2080 May	88.9	0.0842	0.264	0.00231	22.9	0.0364	16.9	0.000956	0.000915	0.00000469	0.00622	0.00136	0.0274	0.0206	0.00000491	19.3	0.0000179
2080 Jun	87.9	0.0833	0.26	0.00229	22.7	0.0362	16.6	0.000957	0.000915	0.00000469	0.00622	0.00135	0.027	0.0204	0.00000491	19.1	0.0000179
2080 Jul	87.6	0.0828	0.259	0.00229	22.6	0.0361	16.5	0.000958	0.000915	0.00000469	0.00622	0.00135	0.0269	0.0203	0.00000491	19	0.0000179
2080 Aug	87.8	0.0828	0.259	0.00229	22.6	0.0362	16.6	0.000959	0.000916	0.0000047	0.00623	0.00135	0.027	0.0203	0.00000491	19	0.0000179
2080 Sep	87.8	0.0827	0.258	0.00228	22.6	0.0362	16.6	0.000959	0.000915	0.00000469	0.00623	0.00135	0.0271	0.0202	0.00000491	19	0.0000179
2080 Oct	87.7	0.0825	0.257	0.00228	22.6	0.0363	16.6	0.000958	0.000915	0.00000469	0.00622	0.00135	0.0271	0.0202	0.00000491	18.9	0.0000179
2080 Nov	87.6	0.0824	0.257	0.00228	22.5	0.0363	16.6	0.000958	0.000914	0.00000469	0.00622	0.00135	0.0271	0.0201	0.00000491	18.9	0.0000179
2080 Dec	87.6	0.0824	0.257	0.00228	22.5	0.0363	16.6	0.000958	0.000914	0.00000469	0.00622	0.00135	0.0271	0.0201	0.00000491	18.9	0.0000179
2081 Jan	87.6	0.0824	0.257	0.00228	22.5	0.0363	16.6	0.000958	0.000914	0.00000469	0.00622	0.00135	0.0271	0.0201	0.00000491	18.9	0.0000179
2081 Feb	87.6	0.0824	0.257	0.00228	22.5	0.0363	16.6	0.000958	0.000914	0.00000469	0.00622	0.00135	0.0271	0.0201	0.00000491	18.9	0.0000179
2081 Mar	87.6	0.0824	0.257	0.00228	22.5	0.0363	16.6	0.000958	0.000914	0.00000469	0.00622	0.00135	0.0271	0.0201	0.00000491	18.9	0.0000179
2081 Apr	87.6	0.0825	0.257	0.00228	22.5	0.0363	16.6	0.000958	0.000914	0.00000469	0.00622	0.00135	0.0271	0.0201	0.00000491	18.9	0.0000179
2081 May	87.4	0.0824	0.256	0.00227	22.5	0.0362	16.6	0.00096	0.000915	0.00000469	0.00623	0.00135	0.027	0.0202	0.00000491	18.9	0.0000179
2081 Jun	86.9	0.082	0.253	0.00226	22.4	0.0359	16.4	0.00096	0.000914	0.00000468	0.00621	0.00135	0.0266	0.0202	0.0000049	18.9	0.0000178
2081 Jul	87.2	0.0821	0.254	0.00226	22.5	0.036	16.4	0.000962	0.000916	0.0000047	0.00622	0.00136	0.0267	0.0202	0.00000491	19	0.0000178
2081 Aug	87.5	0.0823	0.254	0.00227	22.5	0.0362	16.5	0.000965	0.000918	0.00000471	0.00624	0.00136	0.0268	0.0203	0.00000493	19	0.0000179
2081 Sep	87.7	0.0823	0.254	0.00227	22.6	0.0363	16.6	0.000964	0.000918	0.00000471	0.00624	0.00136	0.0269	0.0203	0.00000493	19	0.0000179
2081 Oct	87.8	0.0823	0.253	0.00226	22.6	0.0363	16.7	0.000964	0.000917	0.0000047	0.00624	0.00136	0.0271	0.0203	0.00000492	19	0.0000179
2081 Nov	87.9	0.0822	0.253	0.00226	22.5	0.0364	16.7	0.000963	0.000916	0.0000047	0.00624	0.00136	0.0271	0.0203	0.00000492	19	0.0000179
2081 Dec	87.9	0.0822	0.253	0.00226	22.5	0.0364	16.7	0.000963	0.000916	0.0000047	0.00624	0.00136	0.0271	0.0203	0.00000492	19	0.0000179
2082 Jan	87.9	0.0822	0.253	0.00226	22.5	0.0364	16.7	0.000963	0.000916	0.0000047	0.00624	0.00136	0.0271	0.0203	0.00000492	19	0.0000179
2082 Feb	87.9	0.0822	0.253	0.00226	22.5	0.0364	16.7	0.000963	0.000916	0.0000047	0.00624	0.00136	0.0271	0.0203	0.00000492	19	0.0000179
2082 Mar	87.9	0.0822	0.253	0.00226	22.5	0.0364	16.7	0.000963	0.000916	0.0000047	0.00624	0.00136	0.0271	0.0203	0.00000492	19	0.0000179

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2082 Apr	87.9	0.0822	0.253	0.00226	22.6	0.0364	16.7	0.000963	0.000917	0.0000047	0.00624	0.00136	0.0271	0.0203	0.00000492	19	0.0000179
2082 May	88	0.0823	0.253	0.00226	22.6	0.0364	16.7	0.000964	0.000917	0.0000047	0.00625	0.00136	0.0272	0.0203	0.00000493	19	0.0000179
2082 Jun	87	0.081	0.249	0.00224	22.3	0.0361	16.5	0.000964	0.000916	0.0000047	0.00625	0.00136	0.0269	0.02	0.00000492	18.8	0.0000179
2082 Jul	86.3	0.0801	0.246	0.00223	22.1	0.0359	16.4	0.000966	0.000916	0.0000047	0.00625	0.00135	0.0266	0.0199	0.00000492	18.7	0.0000179
2082 Aug	86.6	0.0802	0.246	0.00223	22.1	0.036	16.4	0.000967	0.000918	0.00000471	0.00626	0.00136	0.0267	0.0199	0.00000493	18.7	0.000018
2082 Sep	86.7	0.0803	0.246	0.00223	22.2	0.0361	16.5	0.000967	0.000918	0.00000471	0.00626	0.00136	0.0268	0.0199	0.00000493	18.7	0.000018
2082 Oct	86.7	0.0801	0.245	0.00223	22.1	0.0361	16.5	0.000966	0.000916	0.0000047	0.00626	0.00135	0.0269	0.0198	0.00000492	18.7	0.000018
2082 Nov	86.7	0.0801	0.245	0.00223	22.1	0.0361	16.5	0.000966	0.000916	0.0000047	0.00626	0.00135	0.0269	0.0198	0.00000492	18.7	0.000018
2082 Dec	86.7	0.0801	0.245	0.00223	22.1	0.0361	16.5	0.000966	0.000916	0.0000047	0.00626	0.00135	0.0269	0.0198	0.00000492	18.7	0.000018
2083 Jan	86.7	0.0801	0.245	0.00223	22.1	0.0361	16.5	0.000966	0.000916	0.0000047	0.00626	0.00135	0.0269	0.0198	0.00000492	18.7	0.000018
2083 Feb	86.7	0.0801	0.245	0.00223	22.1	0.0361	16.5	0.000966	0.000916	0.0000047	0.00626	0.00135	0.0269	0.0198	0.00000492	18.7	0.000018
2083 Mar	86.7	0.0801	0.245	0.00223	22.1	0.0361	16.5	0.000966	0.000916	0.0000047	0.00626	0.00135	0.0269	0.0198	0.00000492	18.7	0.000018
2083 Apr	86.7	0.0801	0.245	0.00223	22.1	0.0361	16.5	0.000966	0.000916	0.0000047	0.00626	0.00135	0.0269	0.0198	0.00000492	18.7	0.000018
2083 May	86.8	0.08	0.244	0.00222	22.1	0.0362	16.6	0.000967	0.000917	0.0000047	0.00627	0.00136	0.027	0.0199	0.00000492	18.7	0.000018
2083 Jun	86.3	0.0793	0.239	0.0022	21.9	0.0358	16.4	0.000966	0.000914	0.00000469	0.00624	0.00136	0.0266	0.02	0.00000491	18.7	0.0000179
2083 Jul	86.4	0.0793	0.239	0.0022	22	0.0358	16.4	0.000968	0.000914	0.00000469	0.00624	0.00136	0.0266	0.02	0.00000491	18.7	0.000018
2083 Aug	86.6	0.0792	0.239	0.0022	22	0.0359	16.5	0.000968	0.000915	0.00000469	0.00625	0.00137	0.0267	0.02	0.00000492	18.8	0.000018
2083 Sep	86.6	0.0792	0.238	0.0022	22	0.0359	16.5	0.000968	0.000914	0.00000469	0.00624	0.00137	0.0268	0.0199	0.00000491	18.7	0.000018
2083 Oct	86.4	0.0791	0.237	0.00219	21.9	0.0359	16.5	0.000967	0.000912	0.00000468	0.00623	0.00137	0.0267	0.0199	0.0000049	18.7	0.0000179
2083 Nov	86.3	0.079	0.237	0.00219	21.9	0.036	16.5	0.000966	0.000911	0.00000468	0.00623	0.00137	0.0267	0.0198	0.0000049	18.7	0.0000179
2083 Dec	86.3	0.079	0.237	0.00219	21.9	0.036	16.5	0.000966	0.000911	0.00000468	0.00623	0.00137	0.0268	0.0198	0.0000049	18.7	0.0000179
2084 Jan	86.3	0.079	0.237	0.00219	21.9	0.036	16.5	0.000966	0.000911	0.00000468	0.00623	0.00137	0.0268	0.0198	0.0000049	18.7	0.0000179
2084 Feb	86.3	0.079	0.237	0.00219	21.9	0.036	16.5	0.000966	0.000911	0.00000468	0.00623	0.00137	0.0268	0.0198	0.0000049	18.7	0.0000179
2084 Mar	86.3	0.079	0.237	0.00219	21.9	0.036	16.5	0.000966	0.000911	0.00000468	0.00623	0.00137	0.0268	0.0198	0.0000049	18.7	0.0000179
2084 Apr	86.4	0.0791	0.237	0.00219	21.9	0.036	16.5	0.000967	0.000912	0.00000468	0.00623	0.00137	0.0268	0.0198	0.0000049	18.7	0.0000179
2084 May	86.4	0.0791	0.236	0.00218	21.9	0.0359	16.5	0.000968	0.000912	0.00000468	0.00623	0.00137	0.0267	0.0199	0.0000049	18.7	0.0000179
2084 Jun	85.9	0.0789	0.233	0.00217	21.8	0.0355	16.3	0.000966	0.000907	0.00000466	0.00619	0.00138	0.0262	0.02	0.00000488	18.8	0.0000177
2084 Jul	86.1	0.079	0.233	0.00217	21.9	0.0356	16.4	0.000968	0.000908	0.00000466	0.00619	0.00138	0.0263	0.0201	0.00000489	18.8	0.0000178
2084 Aug	86.4	0.0791	0.233	0.00217	21.9	0.0357	16.5	0.000969	0.000909	0.00000467	0.0062	0.00138	0.0264	0.0201	0.0000049	18.8	0.0000178
2084 Sep	86.5	0.079	0.233	0.00217	21.9	0.0358	16.5	0.000968	0.000909	0.00000466	0.0062	0.00138	0.0265	0.0201	0.00000489	18.8	0.0000178
2084 Oct	86.5	0.079	0.232	0.00217	21.9	0.0358	16.6	0.000967	0.000907	0.00000466	0.0062	0.00138	0.0266	0.02	0.00000489	18.8	0.0000178
2084 Nov	86.5	0.079	0.232	0.00217	21.9	0.0358	16.6	0.000967	0.000907	0.00000466	0.0062	0.00138	0.0266	0.02	0.00000489	18.8	0.0000178
2084 Dec	86.5	0.079	0.232	0.00217	21.9	0.0358	16.6	0.000967	0.000907	0.00000466	0.0062	0.00138	0.0266	0.02	0.00000489	18.8	0.0000178
2085 Jan	86.5	0.079	0.232	0.00217	21.9	0.0358	16.6	0.000967	0.000907	0.00000466	0.0062	0.00138	0.0266	0.02	0.00000489	18.8	0.0000178
2085 Feb	86.5	0.079	0.232	0.00217	21.9	0.0358	16.6	0.000967	0.000907	0.00000466	0.0062	0.00138	0.0266	0.02	0.00000489	18.8	0.0000178
2085 Mar	86.5	0.079	0.232	0.00217	21.9	0.0358	16.6	0.000967	0.000907	0.00000466	0.0062	0.00138	0.0266	0.02	0.00000489	18.8	0.0000178
2085 Apr	86.5	0.079	0.232	0.00217	21.9	0.0358	16.6	0.000967	0.000907	0.00000466	0.0062	0.00138	0.0266	0.02	0.00000489	18.8	0.0000178
2085 May	86.6	0.079	0.231	0.00216	21.9	0.0358	16.6	0.000968	0.000907	0.00000466	0.0062	0.00138	0.0266	0.0201	0.00000489	18.9	0.0000178
2085 Jun	86.5	0.0791	0.229	0.00216	21.9	0.0356	16.5	0.000968	0.000906	0.00000465	0.00618	0.00139	0.0263	0.0202	0.00000488	18.9	0.0000177
2085 Jul	86.8	0.0792	0.229	0.00216	21.9	0.0358	16.6	0.00097	0.000908	0.00000466	0.0062	0.00139	0.0265	0.0203	0.00000489	19	0.0000178
2085 Aug	87	0.0791	0.229	0.00216	22	0.0359	16.7	0.00097	0.000907	0.00000466	0.0062	0.0014	0.0266	0.0203	0.00000489	19	0.0000178
2085 Sep	87	0.079	0.228	0.00215	21.9	0.0359	16.7	0.000969	0.000906	0.00000465	0.00619	0.0014	0.0267	0.0202	0.00000489	19	0.0000177
2085 Oct	87	0.079	0.227	0.00215	21.9	0.036	16.8	0.000968	0.000905	0.00000464	0.00618	0.0014	0.0267	0.0202	0.00000488	19	0.0000177
2085 Nov	86.9	0.079	0.226	0.00214	21.9	0.036	16.8	0.000968	0.000904	0.00000464	0.00618	0.0014	0.0267	0.0202	0.00000488	19	0.0000177
2085 Dec	86.9	0.079	0.226	0.00214	21.9	0.036	16.8	0.000968	0.000904	0.00000464	0.00618	0.0014	0.0267	0.0202	0.00000488	19	0.0000177
2086 Jan	86.9	0.079	0.226	0.00214	21.9	0.036	16.8	0.000968	0.000904	0.00000464	0.00618	0.0014	0.0267	0.0202	0.00000488	19	0.0000177
2086 Feb	86.9	0.079	0.226	0.00214	21.9	0.036	16.8	0.000968	0.000904	0.00000464	0.00618	0.0014	0.0267	0.0202	0.00000488	19	0.0000177
2086 Mar	86.9	0.079	0.226	0.00214	21.9	0.036	16.8	0.000968	0.000904	0.00000464	0.00618	0.0014	0.0267	0.0202	0.00000488	19	0.0000177
2086 Apr	87	0.079	0.226	0.00214	21.9	0.036	16.8	0.000968	0.000904	0.00000464	0.00618	0.0014	0.0267	0.0202	0.00000488	19	0.0000177
2086 May	87	0.0791	0.226	0.00215	21.9	0.036	16.8	0.000969	0.000905	0.00000464	0.00618	0.0014	0.0268	0.0202	0.00000488	19	0.0000177
2086 Jun	86.5	0.0789	0.223	0.00213	21.8	0.0356	16.6	0.000968	0.000901	0.00000463	0.00615	0.0014	0.0263	0.0203	0.00000486	19	0.0000176
2086 Jul	86.6	0.0789	0.223	0.00213	21.8	0.0357	16.6	0.00097	0.000901	0.00000463	0.00615	0.00141	0.0263	0.0203	0.00000487	19	0.0000176
2086 Aug	86.9	0.0789	0.223	0.00213	21.9	0.0358	16.7	0.00097	0.000902	0.00000463	0.00616	0.00141	0.0265	0.0203	0.00000487	19.1	0.0000176
2086 Sep	87.1	0.0788	0.222	0.00213	21.9	0.0359	16.8	0.000969	0.000901	0.00000463	0.00615	0.00141	0.0266	0.0203	0.00000487	19.1	0.0000176
2086 Oct	87.2	0.0788	0.222	0.00213	21.9	0.0359	16.9	0.000969	0.0009	0.00000463	0.00615	0.00141	0.0267	0.0203	0.00000487	19.1	0.0000176
2086 Nov	87.2	0.0788	0.222	0.00213	21.9	0.036	16.9	0.000969	0.0009	0.00000463	0.00615	0.00141	0.0268	0.0203	0.00000487	19.1	0.0000176
2086 Dec	87.2	0.0788	0.222	0.00213	21.9	0.036	16.9	0.000969	0.0009	0.00000463	0.00615	0.00141	0.0268	0.0203	0.00000487	19.1	0.0000176
2087 Jan	87.2	0.0788	0.222	0.00213	21.9	0.036	16.9	0.000969	0.0009	0.00000463	0.00615	0.00141	0.0268	0.0203	0.00000487	19.1	0.0000176
2087 Feb	87.2	0.0788	0.222	0.00213	21.9	0.036	16.9	0.000969	0.0009	0.00000463	0.00615	0.00141	0.0268	0.0203	0.00000487	19.1	0.0000176
2087 Mar	87.2	0.0788	0.222	0.00213	21.9	0.036	16.9	0.000969	0.0009	0.00000463	0.00615	0.00141	0.0268	0.0203	0.00000487	19.1	0.0000176
2087 Apr	87.2	0.0788	0.222	0.00213	21.9	0.036	16.9	0.000969	0.000901	0.00000463	0.00616	0.00141	0.0268	0.0203	0.00000487	19.1	0.0000176
2087 May	87.2	0.0788	0.221	0.00213	21.9	0.0359	16.9	0.00097	0.000901	0.00000463	0.00616	0.00141	0.0267	0.0203	0.00000487	19.1	0.0000176
2087 Jun	86.9	0.0786	0.219	0.00212	21.8	0.0357	16.7	0.000971	0.0009	0.00000463	0.00614	0.00142	0.0264	0.0205	0.00000486	19.2	0.0000175
2087 Jul	87.2	0.0786	0.219	0.00212	21.9	0.0358	16.8	0.000972	0.000901	0.00000463	0.00615	0.00142	0.0265	0.0205	0.00000487	19.2	0.0000176
2087 Aug	87.4	0.0787	0.219	0.00212	21.9	0.0359	16.9	0.000974	0.000903	0.00000464	0.00616	0.00142	0.0266	0.0205	0.00000488	19.2	0.0000176

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2087 Sep	87.6	0.0788	0.219	0.00212	21.9	0.036	17	0.000974	0.000903	0.00000464	0.00617	0.00142	0.0268	0.0205	0.00000488	19.3	0.0000176
2087 Oct	87.7	0.0787	0.219	0.00212	21.9	0.0361	17	0.000973	0.000902	0.00000464	0.00617	0.00142	0.0269	0.0205	0.00000488	19.3	0.0000176
2087 Nov	87.8	0.0787	0.219	0.00212	21.9	0.0361	17	0.000973	0.000902	0.00000464	0.00617	0.00142	0.0269	0.0205	0.00000488	19.3	0.0000176
2087 Dec	87.8	0.0787	0.219	0.00212	21.9	0.0361	17	0.000973	0.000902	0.00000464	0.00617	0.00142	0.0269	0.0205	0.00000488	19.3	0.0000176
2088 Jan	87.8	0.0787	0.219	0.00212	21.9	0.0361	17	0.000973	0.000902	0.00000464	0.00617	0.00142	0.0269	0.0205	0.00000488	19.3	0.0000176
2088 Feb	87.8	0.0787	0.219	0.00212	21.9	0.0361	17	0.000973	0.000902	0.00000464	0.00617	0.00142	0.0269	0.0205	0.00000488	19.3	0.0000176
2088 Mar	87.8	0.0787	0.219	0.00212	21.9	0.0361	17	0.000973	0.000902	0.00000464	0.00617	0.00142	0.0269	0.0205	0.00000488	19.3	0.0000176
2088 Apr	87.8	0.0787	0.219	0.00212	21.9	0.0361	17.1	0.000973	0.000902	0.00000464	0.00617	0.00143	0.0269	0.0205	0.00000488	19.3	0.0000177
2088 May	87.9	0.0788	0.219	0.00212	22	0.0361	17.1	0.000974	0.000903	0.00000464	0.00617	0.00143	0.0269	0.0205	0.00000488	19.3	0.0000177
2088 Jun	87.5	0.0783	0.217	0.00211	21.9	0.036	16.9	0.000977	0.000905	0.00000465	0.00619	0.00143	0.0267	0.0205	0.00000489	19.2	0.0000177
2088 Jul	87.6	0.0783	0.216	0.00211	21.9	0.0361	16.9	0.000979	0.000907	0.00000466	0.0062	0.00143	0.0267	0.0205	0.0000049	19.3	0.0000177
2088 Aug	87.9	0.0785	0.217	0.00212	21.9	0.0362	17	0.000982	0.00091	0.00000467	0.00622	0.00143	0.0269	0.0206	0.00000492	19.3	0.0000178
2088 Sep	88.1	0.0785	0.217	0.00212	22	0.0363	17.1	0.000982	0.00091	0.00000467	0.00623	0.00144	0.027	0.0206	0.00000492	19.3	0.0000178
2088 Oct	88.1	0.0784	0.216	0.00211	21.9	0.0363	17.1	0.00098	0.000908	0.00000467	0.00622	0.00143	0.027	0.0205	0.00000491	19.3	0.0000178
2088 Nov	88.1	0.0784	0.215	0.00211	21.9	0.0363	17.1	0.00098	0.000908	0.00000467	0.00622	0.00143	0.0271	0.0205	0.00000491	19.3	0.0000178
2088 Dec	88.1	0.0784	0.215	0.00211	21.9	0.0363	17.1	0.00098	0.000908	0.00000467	0.00622	0.00143	0.0271	0.0205	0.00000491	19.3	0.0000178
2089 Jan	88.1	0.0784	0.215	0.00211	21.9	0.0363	17.1	0.00098	0.000908	0.00000467	0.00622	0.00143	0.0271	0.0205	0.00000491	19.3	0.0000178
2089 Feb	88.1	0.0784	0.215	0.00211	21.9	0.0363	17.1	0.00098	0.000908	0.00000467	0.00622	0.00143	0.0271	0.0205	0.00000491	19.3	0.0000178
2089 Mar	88.1	0.0784	0.215	0.00211	21.9	0.0363	17.1	0.00098	0.000908	0.00000467	0.00622	0.00143	0.0271	0.0205	0.00000491	19.3	0.0000178
2089 Apr	88.2	0.0784	0.215	0.00211	21.9	0.0363	17.2	0.000981	0.000908	0.00000467	0.00622	0.00143	0.0271	0.0205	0.00000491	19.3	0.0000178
2089 May	88.2	0.0784	0.215	0.00211	21.9	0.0363	17.1	0.000982	0.00091	0.00000468	0.00624	0.00144	0.027	0.0206	0.00000492	19.4	0.0000178
2089 Jun	88	0.0782	0.211	0.00209	21.9	0.0362	17	0.000986	0.000913	0.00000469	0.00626	0.00144	0.0267	0.0208	0.00000493	19.5	0.0000179
2089 Jul	88.3	0.0783	0.212	0.0021	22	0.0363	17.1	0.000987	0.000914	0.0000047	0.00627	0.00145	0.0269	0.0208	0.00000494	19.5	0.0000179
2089 Aug	88.6	0.0783	0.212	0.0021	22	0.0364	17.1	0.000989	0.000916	0.0000047	0.00628	0.00145	0.027	0.0208	0.00000495	19.5	0.000018
2089 Sep	88.8	0.0783	0.211	0.0021	22	0.0365	17.2	0.000988	0.000915	0.0000047	0.00628	0.00145	0.0271	0.0208	0.00000495	19.6	0.000018
2089 Oct	88.7	0.0782	0.209	0.00209	21.9	0.0365	17.2	0.000988	0.000915	0.0000047	0.00628	0.00145	0.0271	0.0208	0.00000494	19.5	0.000018
2089 Nov	88.7	0.0782	0.209	0.00208	21.9	0.0365	17.2	0.000988	0.000915	0.0000047	0.00629	0.00145	0.0271	0.0208	0.00000494	19.5	0.000018
2089 Dec	88.7	0.0782	0.209	0.00208	21.9	0.0365	17.2	0.000988	0.000915	0.0000047	0.00629	0.00145	0.0271	0.0208	0.00000494	19.5	0.000018
2090 Jan	88.7	0.0782	0.209	0.00208	21.9	0.0365	17.2	0.000988	0.000915	0.0000047	0.00629	0.00145	0.0271	0.0208	0.00000494	19.5	0.000018
2090 Feb	88.7	0.0782	0.209	0.00208	21.9	0.0366	17.2	0.000988	0.000915	0.0000047	0.00629	0.00145	0.0271	0.0208	0.00000494	19.5	0.000018
2090 Mar	88.7	0.0782	0.209	0.00208	21.9	0.0366	17.2	0.000988	0.000915	0.0000047	0.00629	0.00145	0.0271	0.0208	0.00000494	19.5	0.000018
2090 Apr	88.7	0.0782	0.209	0.00209	21.9	0.0366	17.2	0.000988	0.000915	0.0000047	0.00629	0.00145	0.0271	0.0208	0.00000495	19.6	0.000018
2090 May	88.8	0.0782	0.209	0.00209	21.9	0.0366	17.3	0.000989	0.000915	0.0000047	0.00629	0.00145	0.0272	0.0208	0.00000495	19.6	0.000018
2090 Jun	88.6	0.078	0.204	0.00206	21.8	0.0364	17.1	0.000991	0.000915	0.0000047	0.00629	0.00146	0.0269	0.021	0.00000495	19.7	0.000018
2090 Jul	88.7	0.078	0.204	0.00207	21.9	0.0364	17.2	0.000993	0.000917	0.00000471	0.00631	0.00146	0.0269	0.0211	0.00000495	19.7	0.000018
2090 Aug	88.8	0.0778	0.203	0.00206	21.9	0.0365	17.2	0.000993	0.000916	0.00000471	0.0063	0.00146	0.027	0.021	0.00000495	19.7	0.000018
2090 Sep	88.7	0.0777	0.202	0.00206	21.8	0.0365	17.2	0.000992	0.000915	0.0000047	0.00629	0.00146	0.027	0.0209	0.00000495	19.7	0.0000179
2090 Oct	88.3	0.0778	0.201	0.00205	21.7	0.0365	17.2	0.000992	0.000912	0.00000469	0.00627	0.00146	0.0269	0.0208	0.00000494	19.6	0.0000178
2090 Nov	88.2	0.0779	0.2	0.00205	21.7	0.0366	17.2	0.000992	0.000911	0.00000468	0.00627	0.00146	0.0269	0.0208	0.00000493	19.5	0.0000178
2090 Dec	88.2	0.0779	0.2	0.00205	21.7	0.0366	17.2	0.000992	0.000911	0.00000468	0.00627	0.00146	0.0269	0.0208	0.00000493	19.5	0.0000178
2091 Jan	88.2	0.0779	0.2	0.00205	21.7	0.0366	17.2	0.000992	0.000911	0.00000468	0.00627	0.00146	0.0269	0.0208	0.00000493	19.5	0.0000178
2091 Feb	88.2	0.0779	0.2	0.00205	21.7	0.0366	17.2	0.000992	0.000911	0.00000468	0.00627	0.00146	0.0269	0.0208	0.00000493	19.5	0.0000178
2091 Mar	88.2	0.0779	0.2	0.00205	21.7	0.0366	17.2	0.000992	0.000911	0.00000468	0.00627	0.00146	0.0269	0.0208	0.00000493	19.5	0.0000178
2091 Apr	88.3	0.0779	0.2	0.00205	21.7	0.0366	17.2	0.000992	0.000912	0.00000469	0.00627	0.00146	0.0269	0.0208	0.00000493	19.5	0.0000178
2091 May	88.3	0.078	0.2	0.00205	21.7	0.0366	17.2	0.000993	0.000912	0.00000469	0.00627	0.00147	0.0269	0.0208	0.00000494	19.6	0.0000178
2091 Jun	88.1	0.0782	0.198	0.00205	21.7	0.0364	17.1	0.000994	0.00091	0.00000468	0.00625	0.00148	0.0266	0.0209	0.00000493	19.6	0.0000177
2091 Jul	88.3	0.0784	0.199	0.00205	21.8	0.0365	17.2	0.000997	0.000912	0.00000469	0.00627	0.00148	0.0267	0.021	0.00000494	19.7	0.0000178
2091 Aug	88.6	0.0783	0.198	0.00205	21.8	0.0366	17.3	0.000996	0.000912	0.00000469	0.00627	0.00148	0.0268	0.021	0.00000494	19.7	0.0000178
2091 Sep	88.7	0.0782	0.198	0.00205	21.8	0.0366	17.3	0.000996	0.000911	0.00000468	0.00626	0.00148	0.0269	0.021	0.00000494	19.7	0.0000178
2091 Oct	88.6	0.0782	0.197	0.00204	21.7	0.0367	17.4	0.000995	0.000909	0.00000468	0.00626	0.00148	0.0269	0.0209	0.00000493	19.7	0.0000177
2091 Nov	88.5	0.0782	0.196	0.00204	21.7	0.0367	17.3	0.000995	0.000908	0.00000467	0.00625	0.00148	0.0269	0.0209	0.00000492	19.6	0.0000177
2091 Dec	88.5	0.0782	0.196	0.00204	21.7	0.0367	17.3	0.000995	0.000908	0.00000467	0.00625	0.00148	0.0269	0.0209	0.00000492	19.6	0.0000177
2092 Jan	88.5	0.0782	0.196	0.00204	21.7	0.0367	17.3	0.000995	0.000908	0.00000467	0.00625	0.00148	0.0269	0.0209	0.00000492	19.6	0.0000177
2092 Feb	88.5	0.0782	0.196	0.00204	21.7	0.0367	17.3	0.000995	0.000908	0.00000467	0.00625	0.00148	0.0269	0.0209	0.00000492	19.6	0.0000177
2092 Mar	88.5	0.0782	0.196	0.00204	21.7	0.0367	17.3	0.000995	0.000908	0.00000467	0.00625	0.00148	0.0269	0.0209	0.00000492	19.6	0.0000177
2092 Apr	88.5	0.0782	0.196	0.00204	21.7	0.0367	17.4	0.000995	0.000909	0.00000467	0.00625	0.00148	0.0269	0.0209	0.00000493	19.6	0.0000177
2092 May	88.6	0.0783	0.196	0.00204	21.7	0.0367	17.4	0.000996	0.000909	0.00000467	0.00625	0.00148	0.0269	0.0209	0.00000493	19.7	0.0000177
2092 Jun	88.1	0.0782	0.193	0.00203	21.6	0.0362	17.2	0.000994	0.000902	0.00000464	0.00619	0.00149	0.0265	0.021	0.00000489	19.7	0.0000175
2092 Jul	88.1	0.0781	0.193	0.00203	21.6	0.0362	17.3	0.000995	0.0009	0.00000463	0.00618	0.0015	0.0265	0.021	0.00000489	19.7	0.0000175
2092 Aug	88.4	0.0782	0.193	0.00203	21.6	0.0363	17.4	0.000996	0.000902	0.00000464	0.00619	0.0015	0.0267	0.021	0.0000049	19.8	0.0000175
2092 Sep	88.7	0.0781	0.193	0.00203	21.6	0.0364	17.5	0.000995	0.0009	0.00000463	0.00619	0.0015	0.0269	0.021	0.00000489	19.8	0.0000175
2092 Oct	88.8	0.078	0.192	0.00202	21.6	0.0365	17.6	0.000993	0.000899	0.00000463	0.00619	0.0015	0.027	0.021	0.00000489	19.8	0.0000175
2092 Nov	88.8	0.078	0.192	0.00202	21.6	0.0365	17.6	0.000993	0.000899	0.00000463	0.00619	0.0015	0.027	0.021	0.00000489	19.8	0.0000175
2092 Dec	88.9	0.078	0.192	0.00202	21.6	0.0365	17.6	0.000993	0.000899	0.00000463	0.00619	0.0015	0.027	0.021	0.00000489	19.8	0.0000176
2093 Jan	88.9	0.078	0.192	0.00202	21.6	0.0365	17.6	0.000993	0.000899	0.00000463	0.00619	0.0015	0.027	0.021	0.00000489	19.8	0.0000176

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2093 Feb	88.9	0.078	0.192	0.00202	21.6	0.0365	17.6	0.000993	0.000899	0.00000463	0.00619	0.0015	0.027	0.021	0.00000489	19.8	0.0000176
2093 Mar	88.9	0.078	0.192	0.00202	21.6	0.0365	17.6	0.000993	0.000899	0.00000463	0.00619	0.0015	0.0271	0.021	0.00000489	19.8	0.0000176
2093 Apr	88.9	0.078	0.192	0.00202	21.6	0.0365	17.6	0.000994	0.000899	0.00000463	0.00619	0.0015	0.0271	0.021	0.00000489	19.8	0.0000176
2093 May	89	0.0781	0.192	0.00202	21.6	0.0365	17.6	0.000994	0.0009	0.00000463	0.00619	0.0015	0.0271	0.021	0.00000489	19.8	0.0000176
2093 Jun	88.7	0.0779	0.19	0.00202	21.6	0.0362	17.5	0.000995	0.000898	0.00000462	0.00617	0.00151	0.0268	0.0211	0.00000488	19.9	0.0000175
2093 Jul	88.9	0.078	0.19	0.00202	21.6	0.0363	17.5	0.000997	0.000899	0.00000463	0.00618	0.00151	0.0268	0.0212	0.00000489	19.9	0.0000176
2093 Aug	89.2	0.078	0.19	0.00202	21.7	0.0364	17.6	0.000998	0.0009	0.00000463	0.00619	0.00151	0.027	0.0212	0.0000049	19.9	0.0000176
2093 Sep	89.4	0.078	0.19	0.00202	21.7	0.0365	17.7	0.000998	0.0009	0.00000463	0.00619	0.00151	0.0271	0.0212	0.0000049	19.9	0.0000176
2093 Oct	89.2	0.0779	0.189	0.00201	21.6	0.0365	17.7	0.000996	0.000897	0.00000462	0.00618	0.00151	0.0271	0.0211	0.00000488	19.9	0.0000176
2093 Nov	89.1	0.0779	0.188	0.00201	21.6	0.0365	17.7	0.000996	0.000897	0.00000462	0.00618	0.00151	0.0271	0.0211	0.00000488	19.9	0.0000175
2093 Dec	89.1	0.0779	0.188	0.00201	21.6	0.0365	17.7	0.000996	0.000897	0.00000462	0.00618	0.00151	0.0271	0.0211	0.00000488	19.9	0.0000175
2094 Jan	89.1	0.0779	0.188	0.00201	21.6	0.0365	17.7	0.000996	0.000897	0.00000462	0.00618	0.00151	0.0271	0.0211	0.00000488	19.9	0.0000175
2094 Feb	89.1	0.0779	0.188	0.00201	21.6	0.0365	17.7	0.000996	0.000897	0.00000462	0.00618	0.00151	0.0271	0.0211	0.00000488	19.9	0.0000175
2094 Mar	89.1	0.0779	0.188	0.00201	21.6	0.0365	17.7	0.000996	0.000897	0.00000462	0.00618	0.00151	0.0271	0.0211	0.00000488	19.9	0.0000175
2094 Apr	89.2	0.0779	0.188	0.00201	21.6	0.0365	17.7	0.000996	0.000897	0.00000462	0.00618	0.00151	0.0271	0.0211	0.00000488	19.9	0.0000175
2094 May	89.2	0.078	0.188	0.00201	21.6	0.0365	17.7	0.000996	0.000896	0.00000462	0.00618	0.00151	0.027	0.0211	0.00000488	19.9	0.0000175
2094 Jun	89.1	0.0781	0.186	0.002	21.6	0.0363	17.7	0.000997	0.000895	0.00000461	0.00617	0.00152	0.0269	0.0212	0.00000488	20	0.0000175
2094 Jul	89.5	0.0783	0.187	0.00201	21.6	0.0365	17.8	0.001	0.000898	0.00000462	0.00619	0.00153	0.027	0.0213	0.00000489	20	0.0000176
2094 Aug	89.9	0.0784	0.187	0.00201	21.7	0.0366	17.9	0.001	0.0009	0.00000463	0.0062	0.00153	0.0272	0.0213	0.0000049	20.1	0.0000176
2094 Sep	90	0.0784	0.187	0.00201	21.7	0.0367	18	0.001	0.000899	0.00000463	0.0062	0.00153	0.0274	0.0213	0.0000049	20.1	0.0000176
2094 Oct	90.1	0.0783	0.186	0.002	21.7	0.0368	18	0.000999	0.000897	0.00000462	0.0062	0.00153	0.0275	0.0212	0.00000489	20.1	0.0000176
2094 Nov	90.1	0.0782	0.185	0.002	21.6	0.0368	18.1	0.000998	0.000896	0.00000461	0.0062	0.00153	0.0275	0.0212	0.00000488	20	0.0000176
2094 Dec	90.1	0.0782	0.185	0.002	21.6	0.0368	18.1	0.000998	0.000896	0.00000461	0.0062	0.00153	0.0275	0.0212	0.00000488	20	0.0000176
2095 Jan	90.1	0.0782	0.185	0.002	21.6	0.0368	18.1	0.000998	0.000896	0.00000461	0.0062	0.00153	0.0275	0.0212	0.00000488	20	0.0000176
2095 Feb	90.1	0.0782	0.185	0.002	21.6	0.0368	18.1	0.000998	0.000896	0.00000461	0.0062	0.00153	0.0275	0.0212	0.00000488	20	0.0000176
2095 Mar	90.1	0.0782	0.185	0.002	21.6	0.0368	18.1	0.000998	0.000896	0.00000461	0.0062	0.00153	0.0275	0.0212	0.00000488	20	0.0000176
2095 Apr	90.2	0.0783	0.185	0.002	21.6	0.0368	18.1	0.000998	0.000896	0.00000461	0.0062	0.00153	0.0275	0.0212	0.00000488	20.1	0.0000176
2095 May	90.2	0.0784	0.184	0.002	21.7	0.0368	18	0.001	0.000897	0.00000462	0.0062	0.00153	0.0274	0.0213	0.00000489	20.1	0.0000176
2095 Jun	90.2	0.0787	0.183	0.00199	21.7	0.0367	18	0.001	0.000899	0.00000463	0.00622	0.00154	0.0273	0.0215	0.0000049	20.2	0.0000177
2095 Jul	90.6	0.0788	0.184	0.002	21.8	0.0369	18.1	0.00101	0.000902	0.00000464	0.00624	0.00154	0.0274	0.0215	0.00000491	20.3	0.0000177
2095 Aug	90.7	0.0787	0.183	0.002	21.8	0.0369	18.1	0.00101	0.000901	0.00000464	0.00624	0.00154	0.0275	0.0215	0.00000491	20.3	0.0000177
2095 Sep	90.9	0.0787	0.183	0.00199	21.8	0.037	18.2	0.001	0.000901	0.00000464	0.00624	0.00154	0.0276	0.0215	0.00000491	20.3	0.0000177
2095 Oct	91	0.0787	0.183	0.00199	21.8	0.0371	18.2	0.001	0.0009	0.00000464	0.00624	0.00154	0.0277	0.0215	0.00000491	20.3	0.0000177
2095 Nov	91	0.0786	0.182	0.00199	21.8	0.0371	18.2	0.001	0.0009	0.00000464	0.00624	0.00154	0.0277	0.0215	0.00000491	20.3	0.0000177
2095 Dec	91	0.0786	0.182	0.00199	21.8	0.0371	18.2	0.001	0.0009	0.00000463	0.00624	0.00154	0.0277	0.0215	0.00000491	20.3	0.0000177
2096 Jan	91	0.0786	0.182	0.00199	21.8	0.0371	18.3	0.001	0.0009	0.00000463	0.00624	0.00154	0.0277	0.0215	0.00000491	20.3	0.0000177
2096 Feb	91	0.0786	0.182	0.00199	21.8	0.0371	18.3	0.001	0.0009	0.00000463	0.00624	0.00154	0.0277	0.0215	0.00000491	20.3	0.0000177
2096 Mar	91	0.0786	0.182	0.00199	21.8	0.0371	18.3	0.001	0.0009	0.00000463	0.00624	0.00154	0.0277	0.0215	0.00000491	20.3	0.0000177
2096 Apr	91	0.0787	0.182	0.00199	21.8	0.0371	18.3	0.001	0.0009	0.00000464	0.00624	0.00154	0.0277	0.0215	0.00000491	20.3	0.0000177
2096 May	91.1	0.0787	0.182	0.00199	21.8	0.0371	18.3	0.001	0.000901	0.00000464	0.00624	0.00154	0.0278	0.0215	0.00000491	20.3	0.0000177
2096 Jun	90.6	0.0784	0.177	0.00197	21.6	0.0368	18	0.00101	0.000901	0.00000464	0.00624	0.00155	0.0273	0.0217	0.00000491	20.4	0.0000177
2096 Jul	90.7	0.0784	0.177	0.00197	21.7	0.0368	18.1	0.00101	0.000902	0.00000465	0.00625	0.00156	0.0273	0.0217	0.00000492	20.4	0.0000177
2096 Aug	91	0.0786	0.177	0.00197	21.7	0.037	18.2	0.00101	0.000904	0.00000466	0.00626	0.00156	0.0274	0.0217	0.00000493	20.5	0.0000178
2096 Sep	91.2	0.0785	0.177	0.00197	21.7	0.037	18.2	0.00101	0.000903	0.00000465	0.00626	0.00156	0.0275	0.0217	0.00000493	20.5	0.0000178
2096 Oct	91.1	0.0784	0.176	0.00197	21.7	0.037	18.3	0.00101	0.000901	0.00000464	0.00626	0.00156	0.0276	0.0216	0.00000492	20.4	0.0000178
2096 Nov	91.1	0.0784	0.176	0.00196	21.7	0.0371	18.3	0.00101	0.000901	0.00000464	0.00626	0.00156	0.0276	0.0216	0.00000492	20.4	0.0000178
2096 Dec	91.1	0.0784	0.176	0.00196	21.7	0.0371	18.3	0.00101	0.000901	0.00000464	0.00626	0.00156	0.0276	0.0216	0.00000492	20.4	0.0000178
2097 Jan	91.1	0.0784	0.176	0.00196	21.7	0.0371	18.3	0.00101	0.000901	0.00000464	0.00626	0.00156	0.0276	0.0216	0.00000492	20.4	0.0000178
2097 Feb	91.1	0.0784	0.176	0.00196	21.7	0.0371	18.3	0.00101	0.000901	0.00000464	0.00626	0.00156	0.0276	0.0216	0.00000492	20.4	0.0000178
2097 Mar	91.1	0.0784	0.176	0.00196	21.7	0.0371	18.3	0.00101	0.000901	0.00000464	0.00626	0.00156	0.0276	0.0216	0.00000492	20.4	0.0000178
2097 Apr	91.1	0.0785	0.176	0.00197	21.7	0.0371	18.3	0.00101	0.000901	0.00000464	0.00626	0.00156	0.0276	0.0216	0.00000492	20.4	0.0000178
2097 May	91.2	0.0785	0.176	0.00197	21.7	0.0371	18.3	0.00101	0.000902	0.00000465	0.00627	0.00156	0.0276	0.0217	0.00000492	20.5	0.0000178
2097 Jun	91	0.0787	0.174	0.00196	21.7	0.037	18.2	0.00101	0.000904	0.00000465	0.00628	0.00157	0.0274	0.0218	0.00000493	20.5	0.0000178
2097 Jul	91.3	0.0788	0.174	0.00197	21.7	0.0371	18.2	0.00102	0.000906	0.00000467	0.00629	0.00157	0.0275	0.0218	0.00000494	20.6	0.0000178
2097 Aug	91.6	0.0789	0.175	0.00197	21.8	0.0372	18.3	0.00102	0.000907	0.00000467	0.0063	0.00157	0.0276	0.0219	0.00000495	20.6	0.0000179
2097 Sep	91.7	0.0789	0.175	0.00197	21.8	0.0373	18.4	0.00102	0.000907	0.00000467	0.00631	0.00158	0.0277	0.0219	0.00000495	20.6	0.0000179
2097 Oct	91.8	0.0789	0.174	0.00197	21.8	0.0373	18.4	0.00102	0.000907	0.00000467	0.00631	0.00157	0.0277	0.0219	0.00000495	20.6	0.0000179
2097 Nov	91.8	0.0789	0.174	0.00197	21.8	0.0373	18.4	0.00102	0.000907	0.00000467	0.00631	0.00157	0.0277	0.0218	0.00000495	20.6	0.0000179
2097 Dec	91.8	0.0789	0.174	0.00197	21.8	0.0373	18.4	0.00102	0.000907	0.00000467	0.00631	0.00157	0.0277	0.0218	0.00000495	20.6	0.0000179
2098 Jan	91.8	0.0789	0.174	0.00196	21.8	0.0373	18.4	0.00102	0.000906	0.00000467	0.00631	0.00157	0.0277	0.0218	0.00000495	20.6	0.0000179
2098 Feb	91.8	0.0789	0.174	0.00196	21.8	0.0373	18.4	0.00102	0.000906	0.00000467	0.00631	0.00157	0.0277	0.0218	0.00000495	20.6	0.0000179
2098 Mar	91.8	0.0789	0.174	0.00197	21.8	0.0373	18.4	0.00102	0.000907	0.00000467	0.00631	0.00157	0.0277	0.0218	0.00000495	20.6	0.0000179
2098 Apr	91.8	0.0789	0.174	0.00197	21.8	0.0373	18.4	0.00102	0.000907	0.00000467	0.00631	0.00157	0.0278	0.0219	0.00000495	20.6	0.0000179
2098 May	91.9	0.079	0.173	0.00196	21.8	0.0373	18.4	0.00102	0.000909	0.00000468	0.00632	0.00158	0.0276	0.022	0.00000496	20.7	0.0000179
2098 Jun	91.7	0.079	0.17	0.00195	21.8	0.0368	18.1	0.00102	0.000909	0.00000468	0.00632	0.0016	0.0271	0.0224	0.00000496	21	0.0000179

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2098 Jul	92	0.0792	0.17	0.00195	21.9	0.0369	18.2	0.00103	0.000912	0.0000047	0.00633	0.0016	0.0272	0.0224	0.00000497	21	0.000018
2098 Aug	92.2	0.0791	0.17	0.00195	22	0.037	18.3	0.00103	0.000912	0.0000047	0.00634	0.0016	0.0273	0.0224	0.00000497	21.1	0.000018
2098 Sep	92.2	0.079	0.169	0.00195	21.9	0.037	18.3	0.00103	0.00091	0.00000469	0.00633	0.0016	0.0273	0.0224	0.00000497	21	0.000018
2098 Oct	92	0.079	0.168	0.00194	21.9	0.0371	18.3	0.00102	0.000908	0.00000468	0.00632	0.0016	0.0273	0.0223	0.00000496	21	0.0000179
2098 Nov	92	0.0791	0.168	0.00194	21.8	0.0371	18.3	0.00102	0.000907	0.00000468	0.00632	0.0016	0.0273	0.0223	0.00000495	20.9	0.0000179
2098 Dec	92	0.0791	0.168	0.00194	21.8	0.0371	18.3	0.00102	0.000907	0.00000468	0.00632	0.0016	0.0273	0.0223	0.00000495	20.9	0.0000179
2099 Jan	92	0.0791	0.168	0.00194	21.8	0.0371	18.3	0.00102	0.000907	0.00000468	0.00632	0.0016	0.0273	0.0223	0.00000495	20.9	0.0000179
2099 Feb	92	0.0791	0.168	0.00194	21.8	0.0371	18.3	0.00102	0.000907	0.00000468	0.00632	0.0016	0.0273	0.0223	0.00000495	20.9	0.0000179
2099 Mar	92	0.0791	0.168	0.00194	21.8	0.0371	18.3	0.00102	0.000908	0.00000468	0.00632	0.0016	0.0273	0.0223	0.00000495	21	0.0000179
2099 Apr	92	0.0791	0.168	0.00194	21.8	0.0371	18.3	0.00103	0.000908	0.00000468	0.00632	0.0016	0.0273	0.0223	0.00000496	21	0.0000179
2099 May	92.1	0.0796	0.166	0.00194	21.9	0.0369	18.3	0.00103	0.000907	0.00000467	0.00631	0.00161	0.0271	0.0225	0.00000495	21.1	0.0000179
2099 Jun	92.2	0.0797	0.166	0.00194	21.9	0.0368	18.3	0.00103	0.000905	0.00000467	0.00629	0.00162	0.027	0.0227	0.00000495	21.2	0.0000178
2099 Jul	92.5	0.0799	0.166	0.00194	22	0.0369	18.4	0.00103	0.000907	0.00000468	0.0063	0.00163	0.0271	0.0227	0.00000496	21.3	0.0000179
2099 Aug	92.8	0.08	0.166	0.00194	22.1	0.037	18.5	0.00103	0.000909	0.00000468	0.00632	0.00163	0.0272	0.0227	0.00000497	21.3	0.0000179
2099 Sep	92.9	0.0799	0.166	0.00194	22.1	0.0371	18.5	0.00103	0.000908	0.00000468	0.00631	0.00163	0.0273	0.0227	0.00000496	21.3	0.0000179
2099 Oct	92.9	0.0799	0.165	0.00193	22.1	0.0371	18.5	0.00103	0.000907	0.00000467	0.00631	0.00163	0.0273	0.0227	0.00000496	21.3	0.0000179
2099 Nov	92.9	0.0799	0.165	0.00193	22	0.0371	18.5	0.00103	0.000906	0.00000467	0.0063	0.00163	0.0273	0.0227	0.00000495	21.3	0.0000179
2099 Dec	92.9	0.0799	0.165	0.00193	22	0.0371	18.5	0.00103	0.000906	0.00000467	0.0063	0.00163	0.0273	0.0227	0.00000495	21.3	0.0000179
2100 Jan	92.9	0.0799	0.165	0.00193	22	0.0371	18.5	0.00103	0.000906	0.00000467	0.0063	0.00163	0.0273	0.0227	0.00000495	21.3	0.0000179
2100 Feb	92.9	0.0799	0.165	0.00193	22	0.0371	18.5	0.00103	0.000906	0.00000467	0.0063	0.00163	0.0273	0.0227	0.00000495	21.3	0.0000179
2100 Mar	92.9	0.0799	0.165	0.00193	22	0.0371	18.5	0.00103	0.000906	0.00000467	0.0063	0.00163	0.0273	0.0227	0.00000495	21.3	0.0000179
2100 Apr	92.9	0.0799	0.165	0.00193	22	0.0371	18.6	0.00103	0.000906	0.00000467	0.00631	0.00163	0.0273	0.0227	0.00000495	21.3	0.0000179
2100 May	93	0.08	0.164	0.00193	22	0.0371	18.5	0.00103	0.000906	0.00000467	0.00631	0.00163	0.0273	0.0228	0.00000496	21.4	0.0000179
2100 Jun	92.7	0.0801	0.162	0.00192	22	0.0367	18.4	0.00103	0.000904	0.00000466	0.00628	0.00164	0.0269	0.023	0.00000494	21.5	0.0000178
2100 Jul	92.9	0.08	0.162	0.00192	22	0.0367	18.5	0.00103	0.000903	0.00000466	0.00628	0.00165	0.027	0.023	0.00000494	21.5	0.0000178
2100 Aug	93	0.0799	0.162	0.00192	22.1	0.0368	18.5	0.00103	0.000903	0.00000466	0.00627	0.00165	0.027	0.0229	0.00000494	21.5	0.0000178
2100 Sep	93	0.0798	0.161	0.00192	22	0.0368	18.6	0.00103	0.000902	0.00000465	0.00627	0.00165	0.0271	0.0229	0.00000494	21.5	0.0000178
2100 Oct	93.1	0.0798	0.161	0.00192	22	0.0368	18.6	0.00103	0.000901	0.00000465	0.00627	0.00165	0.0271	0.0229	0.00000494	21.5	0.0000178
2100 Nov	93.1	0.0798	0.161	0.00192	22	0.0368	18.6	0.00103	0.000901	0.00000465	0.00627	0.00165	0.0272	0.0229	0.00000494	21.5	0.0000178
2100 Dec	93.1	0.0798	0.161	0.00192	22	0.0368	18.6	0.00103	0.000901	0.00000465	0.00627	0.00165	0.0272	0.0229	0.00000494	21.5	0.0000178
2101 Jan	93.1	0.0798	0.161	0.00192	22	0.0368	18.6	0.00103	0.000901	0.00000465	0.00627	0.00165	0.0272	0.0229	0.00000494	21.5	0.0000178
2101 Feb	93.1	0.0798	0.161	0.00192	22	0.0368	18.6	0.00103	0.000901	0.00000465	0.00627	0.00165	0.0272	0.0229	0.00000494	21.5	0.0000178
2101 Mar	93.1	0.0798	0.161	0.00192	22	0.0369	18.6	0.00103	0.000901	0.00000465	0.00627	0.00165	0.0272	0.0229	0.00000494	21.5	0.0000178
2101 Apr	93.2	0.0798	0.161	0.00192	22	0.0369	18.6	0.00103	0.000901	0.00000465	0.00627	0.00165	0.0272	0.0229	0.00000494	21.5	0.0000178
2101 May	93.1	0.0798	0.161	0.00192	22	0.0368	18.6	0.00103	0.000902	0.00000465	0.00626	0.00165	0.0271	0.023	0.00000494	21.5	0.0000178
2101 Jun	92.9	0.0796	0.16	0.00191	22	0.0365	18.6	0.00103	0.000899	0.00000464	0.00623	0.00166	0.0269	0.023	0.00000493	21.6	0.0000177
2101 Jul	93.2	0.0798	0.16	0.00192	22.1	0.0366	18.6	0.00104	0.000901	0.00000465	0.00625	0.00167	0.027	0.0231	0.00000494	21.6	0.0000178
2101 Aug	93.5	0.0799	0.16	0.00192	22.1	0.0368	18.7	0.00104	0.000903	0.00000466	0.00626	0.00167	0.0271	0.0231	0.00000495	21.7	0.0000178
2101 Sep	93.6	0.0798	0.16	0.00192	22.1	0.0368	18.8	0.00104	0.000902	0.00000465	0.00626	0.00167	0.0272	0.0231	0.00000495	21.7	0.0000178
2101 Oct	93.7	0.0798	0.159	0.00192	22.1	0.0368	18.8	0.00104	0.000901	0.00000465	0.00626	0.00167	0.0272	0.0231	0.00000494	21.7	0.0000178
2101 Nov	93.6	0.0797	0.159	0.00191	22.1	0.0368	18.8	0.00104	0.0009	0.00000465	0.00625	0.00167	0.0272	0.023	0.00000494	21.6	0.0000178
2101 Dec	93.6	0.0797	0.159	0.00191	22.1	0.0368	18.8	0.00104	0.0009	0.00000465	0.00625	0.00167	0.0273	0.023	0.00000494	21.6	0.0000178
2102 Jan	93.6	0.0797	0.159	0.00191	22.1	0.0368	18.8	0.00104	0.0009	0.00000464	0.00625	0.00167	0.0273	0.023	0.00000494	21.6	0.0000178
2102 Feb	93.6	0.0797	0.159	0.00191	22.1	0.0368	18.8	0.00104	0.0009	0.00000464	0.00625	0.00167	0.0273	0.023	0.00000494	21.6	0.0000178
2102 Mar	93.7	0.0797	0.159	0.00191	22.1	0.0368	18.8	0.00104	0.0009	0.00000465	0.00625	0.00167	0.0273	0.023	0.00000494	21.6	0.0000178
2102 Apr	93.7	0.0797	0.159	0.00191	22.1	0.0368	18.8	0.00104	0.0009	0.00000465	0.00625	0.00167	0.0273	0.023	0.00000494	21.6	0.0000178
2102 May	93.7	0.0798	0.159	0.00192	22.1	0.0369	18.8	0.00104	0.000901	0.00000465	0.00626	0.00167	0.0273	0.0231	0.00000494	21.7	0.0000178
2102 Jun	92.7	0.0788	0.157	0.00191	21.8	0.0366	18.6	0.00104	0.0009	0.00000464	0.00626	0.00166	0.027	0.0228	0.00000493	21.4	0.0000178
2102 Jul	92.2	0.0782	0.156	0.0019	21.7	0.0365	18.6	0.00104	0.000899	0.00000464	0.00626	0.00166	0.0269	0.0226	0.00000493	21.3	0.0000178
2102 Aug	92.4	0.0783	0.156	0.0019	21.7	0.0366	18.6	0.00104	0.0009	0.00000465	0.00627	0.00166	0.027	0.0226	0.00000494	21.3	0.0000178
2102 Sep	92.5	0.0782	0.156	0.0019	21.8	0.0366	18.7	0.00104	0.000901	0.00000465	0.00627	0.00166	0.0271	0.0226	0.00000494	21.3	0.0000178
2102 Oct	92.4	0.0781	0.155	0.0019	21.7	0.0366	18.7	0.00104	0.000899	0.00000464	0.00626	0.00166	0.0271	0.0225	0.00000493	21.2	0.0000178
2102 Nov	92.4	0.0781	0.155	0.0019	21.7	0.0366	18.7	0.00104	0.000899	0.00000464	0.00626	0.00166	0.0271	0.0225	0.00000493	21.2	0.0000178
2102 Dec	92.4	0.0781	0.155	0.0019	21.7	0.0366	18.7	0.00104	0.000899	0.00000464	0.00626	0.00166	0.0271	0.0225	0.00000493	21.2	0.0000178
2103 Jan	92.4	0.0781	0.155	0.0019	21.7	0.0366	18.7	0.00104	0.000899	0.00000464	0.00626	0.00166	0.0271	0.0225	0.00000493	21.2	0.0000178
2103 Feb	92.4	0.0781	0.155	0.0019	21.7	0.0366	18.7	0.00104	0.000899	0.00000464	0.00626	0.00166	0.0271	0.0225	0.00000493	21.2	0.0000178
2103 Mar	92.5	0.0781	0.155	0.0019	21.7	0.0366	18.7	0.00104	0.000899	0.00000464	0.00626	0.00166	0.0271	0.0225	0.00000493	21.2	0.0000178
2103 Apr	92.5	0.0781	0.155	0.0019	21.7	0.0366	18.7	0.00104	0.000899	0.00000464	0.00626	0.00166	0.0271	0.0225	0.00000494	21.2	0.0000178
2103 May	92.4	0.078	0.154	0.0019	21.7	0.0366	18.7	0.00104	0.000899	0.00000464	0.00626	0.00166	0.0271	0.0226	0.00000494	21.3	0.0000178
2103 Jun	91.8	0.0773	0.152	0.00189	21.5	0.0362	18.6	0.00104	0.000895	0.00000462	0.00623	0.00166	0.0268	0.0225	0.00000492	21.2	0.0000178
2103 Jul	91.9	0.0772	0.152	0.00189	21.5	0.0362	18.6	0.00104	0.000895	0.00000462	0.00623	0.00167	0.0268	0.0225	0.00000492	21.2	0.0000178
2103 Aug	91.9	0.077	0.151	0.00189	21.5	0.0363	18.6	0.00104	0.000894	0.00000462	0.00622	0.00167	0.0269	0.0224	0.00000492	21.1	0.0000177
2103 Sep	91.8	0.0768	0.151	0.00188	21.4	0.0363	18.7	0.00104	0.000893	0.00000461	0.00621	0.00167	0.0269	0.0223	0.00000491	21.1	0.0000177
2103 Oct	91.3	0.0766	0.15	0.00188	21.3	0.0363	18.7	0.00104	0.000889	0.00000459	0.00619	0.00166	0.0268	0.0221	0.00000489	20.9	0.0000176
2103 Nov	91.2	0.0766	0.15	0.00188	21.3	0.0363	18.7	0.00104	0.000888	0.00000459	0.00618	0.00166	0.0268	0.0221	0.00000489	20.9	0.0000176

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2103 Dec	91.2	0.0766	0.15	0.00188	21.3	0.0363	18.7	0.00104	0.000888	0.00000459	0.00618	0.00166	0.0268	0.0221	0.00000489	20.9	0.0000176
2104 Jan	91.2	0.0766	0.15	0.00188	21.3	0.0363	18.7	0.00104	0.000888	0.00000459	0.00618	0.00166	0.0268	0.0221	0.00000489	20.9	0.0000176
2104 Feb	91.2	0.0766	0.15	0.00188	21.3	0.0363	18.7	0.00104	0.000888	0.00000459	0.00618	0.00166	0.0268	0.0221	0.00000489	20.9	0.0000176
2104 Mar	91.2	0.0766	0.15	0.00188	21.3	0.0363	18.7	0.00104	0.000888	0.00000459	0.00618	0.00166	0.0268	0.0221	0.00000489	20.9	0.0000176
2104 Apr	91.2	0.0766	0.15	0.00188	21.3	0.0363	18.7	0.00104	0.000888	0.00000459	0.00619	0.00166	0.0268	0.0221	0.00000489	20.9	0.0000176
2104 May	91.2	0.0766	0.149	0.00188	21.3	0.0362	18.7	0.00104	0.000888	0.00000459	0.00618	0.00167	0.0268	0.0221	0.00000489	20.9	0.0000176
2104 Jun	90.8	0.0764	0.148	0.00187	21.2	0.0359	18.6	0.00104	0.000882	0.00000456	0.00613	0.00167	0.0266	0.0221	0.00000486	20.9	0.0000174
2104 Jul	90.9	0.0764	0.148	0.00187	21.2	0.036	18.7	0.00104	0.000882	0.00000456	0.00614	0.00167	0.0266	0.0221	0.00000487	20.9	0.0000175
2104 Aug	91.2	0.0764	0.148	0.00187	21.3	0.0361	18.7	0.00104	0.000883	0.00000457	0.00615	0.00168	0.0267	0.0221	0.00000487	20.9	0.0000175
2104 Sep	91.2	0.0763	0.148	0.00187	21.2	0.0361	18.8	0.00104	0.000882	0.00000456	0.00614	0.00168	0.0268	0.022	0.00000487	20.9	0.0000174
2104 Oct	91	0.0762	0.147	0.00186	21.2	0.0361	18.8	0.00104	0.00088	0.00000455	0.00613	0.00167	0.0267	0.0219	0.00000486	20.8	0.0000174
2104 Nov	90.9	0.0762	0.147	0.00186	21.2	0.0361	18.8	0.00104	0.000879	0.00000455	0.00612	0.00167	0.0267	0.0219	0.00000485	20.8	0.0000174
2104 Dec	90.9	0.0762	0.147	0.00186	21.2	0.0361	18.8	0.00104	0.000879	0.00000455	0.00612	0.00167	0.0267	0.0219	0.00000485	20.8	0.0000174
2105 Jan	90.9	0.0762	0.147	0.00186	21.2	0.0361	18.8	0.00104	0.000879	0.00000455	0.00612	0.00167	0.0267	0.0219	0.00000485	20.8	0.0000174
2105 Feb	90.9	0.0762	0.147	0.00186	21.2	0.0361	18.8	0.00104	0.000879	0.00000455	0.00612	0.00167	0.0267	0.0219	0.00000485	20.8	0.0000174
2105 Mar	90.9	0.0762	0.147	0.00186	21.2	0.0361	18.8	0.00104	0.000879	0.00000455	0.00612	0.00167	0.0267	0.0219	0.00000485	20.8	0.0000174
2105 Apr	90.9	0.0762	0.147	0.00186	21.2	0.0361	18.8	0.00104	0.00088	0.00000455	0.00612	0.00167	0.0267	0.0219	0.00000486	20.8	0.0000174
2105 May	90.9	0.0762	0.146	0.00186	21.1	0.0361	18.8	0.00104	0.000879	0.00000455	0.00612	0.00168	0.0267	0.022	0.00000485	20.8	0.0000174
2105 Jun	90.8	0.0762	0.146	0.00186	21.1	0.036	18.8	0.00104	0.000877	0.00000454	0.00611	0.00168	0.0266	0.022	0.00000485	20.9	0.0000173
2105 Jul	91.1	0.0763	0.146	0.00186	21.2	0.0361	18.8	0.00104	0.000879	0.00000455	0.00612	0.00168	0.0267	0.022	0.00000486	20.9	0.0000174
2105 Aug	91.1	0.076	0.145	0.00186	21.2	0.0361	18.9	0.00104	0.000878	0.00000454	0.00611	0.00168	0.0268	0.022	0.00000485	20.9	0.0000173
2105 Sep	90.8	0.0757	0.144	0.00185	21.1	0.0361	18.9	0.00104	0.000874	0.00000453	0.00608	0.00168	0.0268	0.0218	0.00000483	20.8	0.0000172
2105 Oct	90.6	0.0757	0.143	0.00185	21	0.0361	18.9	0.00104	0.000871	0.00000451	0.00606	0.00168	0.0268	0.0217	0.00000482	20.7	0.0000171
2105 Nov	90.5	0.0757	0.143	0.00185	20.9	0.0361	18.9	0.00104	0.000869	0.0000045	0.00605	0.00168	0.0268	0.0216	0.00000481	20.6	0.0000171
2105 Dec	90.5	0.0757	0.143	0.00185	20.9	0.0361	18.9	0.00104	0.000869	0.0000045	0.00605	0.00168	0.0268	0.0216	0.00000481	20.6	0.0000171
2106 Jan	90.5	0.0757	0.143	0.00185	20.9	0.0361	18.9	0.00104	0.000869	0.0000045	0.00605	0.00168	0.0268	0.0216	0.00000481	20.6	0.0000171
2106 Feb	90.5	0.0757	0.143	0.00185	20.9	0.0361	18.9	0.00104	0.000869	0.0000045	0.00605	0.00168	0.0268	0.0216	0.00000481	20.6	0.0000171
2106 Mar	90.5	0.0757	0.143	0.00185	20.9	0.0361	18.9	0.00104	0.000869	0.0000045	0.00605	0.00168	0.0268	0.0216	0.00000481	20.6	0.0000171
2106 Apr	90.5	0.0757	0.143	0.00185	20.9	0.0361	18.9	0.00104	0.00087	0.0000045	0.00605	0.00168	0.0268	0.0216	0.00000482	20.6	0.0000171
2106 May	90.6	0.0757	0.143	0.00185	21	0.0362	19	0.00104	0.00087	0.00000451	0.00605	0.00168	0.0268	0.0217	0.00000482	20.7	0.0000171
2106 Jun	90.1	0.0754	0.141	0.00184	20.8	0.0359	18.9	0.00104	0.000864	0.00000448	0.00601	0.00169	0.0266	0.0216	0.00000479	20.6	0.0000169
2106 Jul	90.2	0.0754	0.141	0.00184	20.8	0.0359	19	0.00104	0.000864	0.00000448	0.00601	0.00169	0.0267	0.0215	0.00000479	20.6	0.000017
2106 Aug	90.3	0.0752	0.141	0.00184	20.8	0.036	19.1	0.00104	0.000863	0.00000448	0.00601	0.00169	0.0267	0.0215	0.00000479	20.6	0.0000169
2106 Sep	90.2	0.0749	0.14	0.00183	20.8	0.036	19.1	0.00104	0.000861	0.00000447	0.00599	0.00169	0.0268	0.0214	0.00000478	20.5	0.0000169
2106 Oct	90.1	0.0748	0.14	0.00183	20.7	0.036	19.1	0.00104	0.00086	0.00000446	0.00598	0.00169	0.0268	0.0213	0.00000478	20.4	0.0000168
2106 Nov	90.1	0.0748	0.14	0.00183	20.7	0.0361	19.1	0.00104	0.00086	0.00000446	0.00598	0.00169	0.0268	0.0213	0.00000478	20.4	0.0000168
2106 Dec	90.1	0.0748	0.14	0.00183	20.7	0.0361	19.1	0.00104	0.00086	0.00000446	0.00598	0.00169	0.0268	0.0213	0.00000478	20.4	0.0000168
2107 Jan	90.1	0.0748	0.14	0.00183	20.7	0.0361	19.1	0.00104	0.00086	0.00000446	0.00598	0.00169	0.0268	0.0213	0.00000478	20.4	0.0000168
2107 Feb	90.1	0.0748	0.14	0.00183	20.7	0.0361	19.1	0.00104	0.00086	0.00000446	0.00598	0.00169	0.0268	0.0213	0.00000478	20.4	0.0000168
2107 Mar	90.1	0.0748	0.14	0.00183	20.7	0.0361	19.1	0.00104	0.00086	0.00000446	0.00598	0.00169	0.0268	0.0213	0.00000478	20.4	0.0000168
2107 Apr	90.1	0.0748	0.14	0.00183	20.7	0.0361	19.1	0.00104	0.00086	0.00000446	0.00598	0.00169	0.0268	0.0213	0.00000478	20.4	0.0000168
2107 May	90.1	0.0748	0.14	0.00183	20.7	0.036	19.1	0.00104	0.00086	0.00000446	0.00598	0.00169	0.0268	0.0213	0.00000478	20.4	0.0000168
2107 Jun	89.9	0.0746	0.139	0.00182	20.6	0.0359	19.1	0.00104	0.000858	0.00000445	0.00596	0.0017	0.0267	0.0213	0.00000477	20.4	0.0000168
2107 Jul	90.1	0.0746	0.139	0.00183	20.7	0.036	19.1	0.00104	0.000859	0.00000445	0.00597	0.0017	0.0267	0.0213	0.00000477	20.5	0.0000168
2107 Aug	90.3	0.0747	0.139	0.00183	20.7	0.0361	19.2	0.00104	0.00086	0.00000446	0.00598	0.0017	0.0268	0.0214	0.00000478	20.5	0.0000168
2107 Sep	90.4	0.0746	0.138	0.00183	20.7	0.0361	19.2	0.00104	0.00086	0.00000446	0.00598	0.0017	0.0269	0.0214	0.00000478	20.5	0.0000168
2107 Oct	90.4	0.0746	0.138	0.00182	20.7	0.0362	19.3	0.00104	0.000859	0.00000446	0.00598	0.0017	0.0269	0.0213	0.00000478	20.5	0.0000168
2107 Nov	90.4	0.0746	0.138	0.00182	20.7	0.0362	19.3	0.00104	0.000859	0.00000446	0.00598	0.0017	0.0269	0.0213	0.00000478	20.5	0.0000168
2107 Dec	90.4	0.0746	0.138	0.00182	20.7	0.0362	19.3	0.00104	0.000859	0.00000446	0.00598	0.0017	0.0269	0.0213	0.00000478	20.5	0.0000168
2108 Jan	90.4	0.0746	0.138	0.00182	20.7	0.0362	19.3	0.00104	0.000859	0.00000446	0.00598	0.0017	0.0269	0.0213	0.00000478	20.5	0.0000168
2108 Feb	90.4	0.0746	0.138	0.00182	20.7	0.0362	19.3	0.00104	0.000859	0.00000446	0.00598	0.0017	0.0269	0.0213	0.00000478	20.5	0.0000168
2108 Mar	90.4	0.0746	0.138	0.00182	20.7	0.0362	19.3	0.00104	0.000859	0.00000446	0.00598	0.0017	0.0269	0.0213	0.00000478	20.5	0.0000168
2108 Apr	90.5	0.0746	0.138	0.00182	20.7	0.0362	19.3	0.00104	0.000859	0.00000446	0.00598	0.0017	0.027	0.0213	0.00000478	20.5	0.0000168
2108 May	90.6	0.0747	0.138	0.00183	20.7	0.0362	19.3	0.00104	0.00086	0.00000446	0.00598	0.0017	0.027	0.0213	0.00000478	20.5	0.0000168
2108 Jun	90.2	0.0743	0.137	0.00182	20.7	0.0361	19.2	0.00105	0.000861	0.00000447	0.00599	0.0017	0.0268	0.0213	0.00000479	20.5	0.0000169
2108 Jul	90.4	0.0744	0.137	0.00182	20.7	0.0362	19.2	0.00105	0.000864	0.00000448	0.00601	0.00171	0.0269	0.0214	0.0000048	20.5	0.0000169
2108 Aug	90.7	0.0746	0.137	0.00183	20.8	0.0363	19.3	0.00105	0.000866	0.00000449	0.00603	0.00171	0.027	0.0214	0.00000481	20.6	0.0000169
2108 Sep	90.9	0.0745	0.137	0.00182	20.8	0.0364	19.4	0.00105	0.000866	0.00000449	0.00603	0.00171	0.0271	0.0214	0.00000481	20.6	0.000017
2108 Oct	90.7	0.0744	0.136	0.00182	20.7	0.0364	19.3	0.00105	0.000864	0.00000448	0.00602	0.00171	0.027	0.0213	0.0000048	20.5	0.0000169
2108 Nov	90.7	0.0744	0.136	0.00182	20.7	0.0364	19.3	0.00105	0.000864	0.00000448	0.00603	0.00171	0.027	0.0213	0.0000048	20.5	0.0000169
2108 Dec	90.7	0.0744	0.136	0.00182	20.7	0.0364	19.3	0.00105	0.000864	0.00000448	0.00603	0.00171	0.027	0.0213	0.0000048	20.5	0.0000169
2109 Jan	90.7	0.0744	0.136	0.00182	20.7	0.0364	19.3	0.00105	0.000864	0.00000448	0.00603	0.00171	0.027	0.0213	0.0000048	20.5	0.0000169
2109 Feb	90.7	0.0744	0.136	0.00182	20.7	0.0364	19.3	0.00105	0.000864	0.00000448	0.00603	0.00171	0.027	0.0213	0.0000048	20.5	0.0000169
2109 Mar	90.7	0.0744	0.136	0.00182	20.7	0.0364	19.3	0.00105	0.000864	0.00000448	0.00603	0.00171	0.027	0.0213	0.0000048	20.5	0.0000169
2109 Apr	90.7	0.0744	0.136	0.00182	20.7	0.0364	19.4	0.00105	0.000864	0.00000448	0.00603	0.00171	0.0271	0.0213	0.00000481	20.5	0.0000169

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2109 May	90.7	0.0745	0.135	0.00182	20.7	0.0364	19.3	0.00105	0.000866	0.00000449	0.00604	0.00171	0.027	0.0214	0.00000481	20.6	0.000017
2109 Jun	90.6	0.0745	0.134	0.00181	20.7	0.0363	19.2	0.00106	0.000869	0.00000451	0.00606	0.00171	0.0268	0.0215	0.00000483	20.6	0.000017
2109 Jul	90.9	0.0745	0.134	0.00181	20.8	0.0364	19.3	0.00106	0.00087	0.00000451	0.00607	0.00172	0.0269	0.0215	0.00000483	20.7	0.000017
2109 Aug	91.1	0.0745	0.134	0.00181	20.8	0.0365	19.4	0.00106	0.000871	0.00000452	0.00608	0.00172	0.027	0.0216	0.00000484	20.7	0.0000171
2109 Sep	91.2	0.0744	0.133	0.00181	20.8	0.0365	19.4	0.00106	0.00087	0.00000451	0.00608	0.00172	0.0271	0.0215	0.00000484	20.7	0.0000171
2109 Oct	91	0.0744	0.132	0.0018	20.7	0.0366	19.3	0.00106	0.00087	0.00000451	0.00608	0.00172	0.027	0.0215	0.00000483	20.6	0.000017
2109 Nov	90.9	0.0744	0.132	0.0018	20.7	0.0366	19.3	0.00106	0.00087	0.00000451	0.00608	0.00172	0.027	0.0215	0.00000483	20.6	0.000017
2109 Dec	91	0.0744	0.132	0.0018	20.7	0.0366	19.3	0.00106	0.00087	0.00000451	0.00608	0.00172	0.027	0.0215	0.00000483	20.6	0.000017
2110 Jan	91	0.0744	0.132	0.0018	20.7	0.0366	19.3	0.00106	0.00087	0.00000451	0.00608	0.00172	0.027	0.0215	0.00000483	20.6	0.000017
2110 Feb	91	0.0744	0.132	0.0018	20.7	0.0366	19.3	0.00106	0.00087	0.00000451	0.00608	0.00172	0.027	0.0215	0.00000483	20.6	0.000017
2110 Mar	91	0.0744	0.132	0.0018	20.7	0.0366	19.3	0.00106	0.00087	0.00000451	0.00608	0.00172	0.027	0.0215	0.00000483	20.6	0.000017
2110 Apr	91	0.0744	0.132	0.0018	20.7	0.0366	19.4	0.00106	0.000871	0.00000451	0.00609	0.00172	0.027	0.0215	0.00000483	20.6	0.000017
2110 May	91	0.0744	0.131	0.0018	20.7	0.0366	19.4	0.00106	0.000871	0.00000452	0.00609	0.00172	0.027	0.0215	0.00000484	20.7	0.000017
2110 Jun	90.9	0.0743	0.129	0.00179	20.6	0.0365	19.3	0.00106	0.00087	0.00000451	0.00609	0.00173	0.0268	0.0216	0.00000483	20.7	0.000017
2110 Jul	91.1	0.0743	0.129	0.00179	20.6	0.0365	19.4	0.00106	0.000871	0.00000452	0.00609	0.00173	0.0269	0.0216	0.00000484	20.8	0.0000171
2110 Aug	90.9	0.0738	0.128	0.00178	20.6	0.0365	19.4	0.00106	0.000869	0.00000451	0.00607	0.00173	0.0269	0.0215	0.00000483	20.7	0.000017
2110 Sep	90.5	0.0735	0.127	0.00178	20.4	0.0366	19.5	0.00106	0.000865	0.00000449	0.00604	0.00173	0.0269	0.0213	0.00000481	20.5	0.0000168
2110 Oct	90.1	0.0735	0.126	0.00178	20.3	0.0366	19.5	0.00106	0.00086	0.00000447	0.00601	0.00173	0.0269	0.021	0.0000048	20.4	0.0000167
2110 Nov	90	0.0735	0.126	0.00178	20.3	0.0366	19.5	0.00106	0.000859	0.00000446	0.00601	0.00173	0.0269	0.021	0.00000479	20.3	0.0000166
2110 Dec	90	0.0735	0.126	0.00178	20.3	0.0366	19.5	0.00106	0.000859	0.00000446	0.00601	0.00173	0.0269	0.021	0.00000479	20.3	0.0000166
2111 Jan	90	0.0735	0.126	0.00178	20.3	0.0366	19.5	0.00106	0.000859	0.00000446	0.00601	0.00173	0.0269	0.021	0.00000479	20.3	0.0000166
2111 Feb	90	0.0735	0.126	0.00178	20.3	0.0366	19.5	0.00106	0.000859	0.00000446	0.00601	0.00173	0.0269	0.021	0.00000479	20.3	0.0000166
2111 Mar	90	0.0735	0.126	0.00178	20.3	0.0366	19.5	0.00106	0.000859	0.00000446	0.00601	0.00173	0.0269	0.021	0.00000479	20.3	0.0000166
2111 Apr	90	0.0735	0.126	0.00178	20.3	0.0367	19.5	0.00106	0.00086	0.00000446	0.00601	0.00173	0.0269	0.021	0.00000479	20.3	0.0000166
2111 May	90.1	0.0736	0.126	0.00178	20.3	0.0367	19.6	0.00106	0.00086	0.00000447	0.00601	0.00173	0.0269	0.021	0.0000048	20.4	0.0000167
2111 Jun	90	0.0738	0.125	0.00177	20.2	0.0365	19.6	0.00107	0.000857	0.00000445	0.00599	0.00174	0.0268	0.0211	0.00000479	20.4	0.0000166
2111 Jul	90.2	0.0739	0.125	0.00178	20.3	0.0366	19.6	0.00107	0.000859	0.00000447	0.00601	0.00175	0.0269	0.0211	0.0000048	20.5	0.0000167
2111 Aug	90.3	0.0737	0.125	0.00177	20.3	0.0367	19.7	0.00107	0.000858	0.00000446	0.006	0.00175	0.0269	0.0211	0.00000479	20.4	0.0000166
2111 Sep	90.3	0.0736	0.124	0.00177	20.3	0.0367	19.7	0.00107	0.000857	0.00000446	0.00599	0.00175	0.027	0.021	0.00000479	20.4	0.0000166
2111 Oct	90.1	0.0735	0.124	0.00177	20.2	0.0367	19.7	0.00107	0.000855	0.00000444	0.00598	0.00175	0.027	0.0209	0.00000478	20.4	0.0000165
2111 Nov	89.9	0.0735	0.123	0.00176	20.1	0.0367	19.7	0.00107	0.000853	0.00000444	0.00597	0.00175	0.027	0.0209	0.00000477	20.3	0.0000165
2111 Dec	90	0.0735	0.123	0.00176	20.1	0.0367	19.7	0.00107	0.000853	0.00000444	0.00597	0.00175	0.027	0.0209	0.00000477	20.3	0.0000165
2112 Jan	90	0.0735	0.123	0.00176	20.1	0.0367	19.7	0.00107	0.000853	0.00000444	0.00597	0.00175	0.027	0.0209	0.00000477	20.3	0.0000165
2112 Feb	90	0.0735	0.123	0.00176	20.1	0.0367	19.7	0.00107	0.000853	0.00000444	0.00597	0.00175	0.027	0.0209	0.00000477	20.3	0.0000165
2112 Mar	90	0.0735	0.123	0.00176	20.1	0.0367	19.7	0.00107	0.000853	0.00000444	0.00597	0.00175	0.027	0.0209	0.00000477	20.3	0.0000165
2112 Apr	90	0.0736	0.123	0.00176	20.1	0.0368	19.7	0.00107	0.000853	0.00000444	0.00597	0.00175	0.027	0.0209	0.00000477	20.3	0.0000165
2112 May	90	0.0736	0.123	0.00176	20.1	0.0367	19.8	0.00107	0.000853	0.00000444	0.00597	0.00175	0.027	0.0209	0.00000477	20.3	0.0000165
2112 Jun	89.7	0.0734	0.121	0.00175	20	0.0363	19.8	0.00107	0.000846	0.0000044	0.00591	0.00176	0.0267	0.021	0.00000474	20.4	0.0000164
2112 Jul	89.8	0.0732	0.121	0.00175	20	0.0363	19.9	0.00107	0.000844	0.00000439	0.00591	0.00177	0.0268	0.0209	0.00000473	20.4	0.0000164
2112 Aug	90.1	0.0733	0.121	0.00175	20	0.0364	19.9	0.00107	0.000845	0.0000044	0.00591	0.00177	0.0269	0.0209	0.00000474	20.4	0.0000164
2112 Sep	90.2	0.0731	0.121	0.00175	20	0.0365	20	0.00107	0.000844	0.00000439	0.00591	0.00177	0.027	0.0209	0.00000473	20.4	0.0000164
2112 Oct	90.2	0.0731	0.121	0.00175	20	0.0365	20	0.00107	0.000843	0.00000439	0.0059	0.00177	0.027	0.0209	0.00000473	20.4	0.0000164
2112 Nov	90.2	0.073	0.121	0.00175	20	0.0365	20	0.00107	0.000842	0.00000439	0.0059	0.00176	0.027	0.0208	0.00000473	20.3	0.0000164
2112 Dec	90.2	0.073	0.121	0.00175	20	0.0365	20	0.00107	0.000842	0.00000439	0.0059	0.00176	0.027	0.0208	0.00000473	20.3	0.0000164
2113 Jan	90.2	0.073	0.121	0.00175	20	0.0365	20	0.00107	0.000842	0.00000439	0.0059	0.00176	0.027	0.0208	0.00000473	20.3	0.0000164
2113 Feb	90.2	0.073	0.121	0.00175	20	0.0365	20	0.00107	0.000842	0.00000439	0.0059	0.00176	0.027	0.0208	0.00000473	20.3	0.0000164
2113 Mar	90.2	0.073	0.121	0.00175	20	0.0365	20	0.00107	0.000842	0.00000439	0.0059	0.00177	0.0271	0.0208	0.00000473	20.4	0.0000164
2113 Apr	90.3	0.0731	0.121	0.00175	20	0.0365	20	0.00107	0.000843	0.00000439	0.0059	0.00177	0.0271	0.0208	0.00000473	20.4	0.0000164
2113 May	90.3	0.0731	0.12	0.00175	20	0.0365	20	0.00107	0.000843	0.00000439	0.00591	0.00177	0.0271	0.0209	0.00000473	20.4	0.0000164
2113 Jun	90.2	0.0729	0.119	0.00174	20	0.0363	20	0.00107	0.000842	0.00000438	0.00589	0.00178	0.0269	0.021	0.00000472	20.5	0.0000164
2113 Jul	90.5	0.0729	0.119	0.00174	20	0.0363	20.1	0.00107	0.000843	0.00000439	0.0059	0.00178	0.027	0.021	0.00000473	20.5	0.0000164
2113 Aug	90.7	0.0729	0.119	0.00174	20	0.0364	20.1	0.00107	0.000844	0.00000439	0.00591	0.00178	0.0271	0.021	0.00000474	20.5	0.0000164
2113 Sep	90.7	0.0728	0.119	0.00174	20	0.0364	20.2	0.00107	0.000843	0.00000439	0.0059	0.00178	0.0271	0.021	0.00000473	20.5	0.0000164
2113 Oct	90.4	0.0727	0.118	0.00173	19.9	0.0364	20.2	0.00107	0.00084	0.00000437	0.00589	0.00178	0.0271	0.0209	0.00000472	20.4	0.0000163
2113 Nov	90.3	0.0727	0.118	0.00173	19.9	0.0364	20.2	0.00107	0.000839	0.00000437	0.00589	0.00178	0.0271	0.0208	0.00000472	20.4	0.0000163
2113 Dec	90.3	0.0727	0.118	0.00173	19.9	0.0364	20.2	0.00107	0.000839	0.00000437	0.00589	0.00178	0.0271	0.0208	0.00000472	20.4	0.0000163
2114 Jan	90.3	0.0727	0.118	0.00173	19.9	0.0364	20.2	0.00107	0.000839	0.00000437	0.00589	0.00178	0.0271	0.0208	0.00000472	20.4	0.0000163
2114 Feb	90.3	0.0727	0.118	0.00173	19.9	0.0364	20.2	0.00107	0.000839	0.00000437	0.00589	0.00178	0.0271	0.0208	0.00000472	20.4	0.0000163
2114 Mar	90.3	0.0727	0.118	0.00173	19.9	0.0364	20.2	0.00107	0.000839	0.00000437	0.00589	0.00178	0.0271	0.0208	0.00000472	20.4	0.0000163
2114 Apr	90.4	0.0727	0.118	0.00173	19.9	0.0364	20.2	0.00107	0.000839	0.00000437	0.00589	0.00178	0.0271	0.0208	0.00000472	20.4	0.0000163
2114 May	90.4	0.0727	0.117	0.00173	19.9	0.0364	20.2	0.00107	0.000838	0.00000437	0.00588	0.00178	0.027	0.0209	0.00000471	20.4	0.0000163
2114 Jun	90.5	0.0728	0.117	0.00173	19.9	0.0363	20.2	0.00107	0.000838	0.00000437	0.00588	0.00179	0.027	0.0209	0.00000471	20.5	0.0000163
2114 Jul	90.8	0.073	0.117	0.00173	19.9	0.0365	20.3	0.00108	0.00084	0.00000438	0.0059	0.0018	0.0271	0.021	0.00000473	20.6	0.0000164
2114 Aug	91.1	0.0731	0.117	0.00173	20	0.0366	20.4	0.00108	0.000842	0.00000439	0.00591	0.0018	0.0272	0.021	0.00000474	20.6	0.0000164
2114 Sep	91.2	0.073	0.117	0.00173	20	0.0366	20.4	0.00108	0.000841	0.00000438	0.00591	0.0018	0.0273	0.021	0.00000473	20.6	0.0000164

Appendix C.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2039-2048): Min	85.9	0.0727	0.102	0.00166	19.9	0.0355	16.3	0.000934	0.000838	0.00000437	0.00461	0.00108	0.0262	0.0106	0.00000471	15.9	0.0000163
Post Closure (2039-2048): Mean	111	0.143	0.329	0.00425	32.5	0.0408	21.5	0.000991	0.000918	0.00000474	0.00612	0.00141	0.0336	0.0191	0.00000504	19.1	0.000018
Post Closure (2039-2048): Max	250	0.548	0.922	0.0179	101	0.0618	42.2	0.00112	0.000976	0.00000504	0.00656	0.00191	0.0657	0.0231	0.00000558	22	0.0000199
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***variable***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
2114 Oct	91.2	0.0729	0.116	0.00172	20	0.0366	20.4	0.00107	0.000839	0.00000437	0.0059	0.00179	0.0273	0.021	0.00000472	20.5	0.0000164
2114 Nov	91.1	0.073	0.115	0.00172	19.9	0.0366	20.4	0.00107	0.000838	0.00000437	0.0059	0.00179	0.0273	0.0209	0.00000472	20.5	0.0000164
2114 Dec	91.1	0.073	0.115	0.00172	19.9	0.0366	20.4	0.00107	0.000838	0.00000437	0.0059	0.00179	0.0273	0.0209	0.00000472	20.5	0.0000164
2115 Jan	91.1	0.073	0.115	0.00172	19.9	0.0366	20.4	0.00107	0.000838	0.00000437	0.0059	0.00179	0.0273	0.0209	0.00000472	20.5	0.0000164
2115 Feb	91.1	0.073	0.115	0.00172	19.9	0.0366	20.4	0.00107	0.000838	0.00000437	0.0059	0.00179	0.0273	0.0209	0.00000472	20.5	0.0000164
2115 Mar	91.1	0.073	0.115	0.00172	19.9	0.0366	20.4	0.00107	0.000838	0.00000437	0.0059	0.00179	0.0273	0.0209	0.00000472	20.5	0.0000164
2115 Apr	91.1	0.073	0.115	0.00172	19.9	0.0366	20.4	0.00107	0.000839	0.00000437	0.00591	0.00179	0.0273	0.0209	0.00000472	20.5	0.0000164
2115 May	91.1	0.0732	0.115	0.00172	19.9	0.0366	20.4	0.00108	0.00084	0.00000438	0.00591	0.0018	0.0272	0.021	0.00000472	20.6	0.0000164
2115 Jun	91.3	0.0734	0.114	0.00172	20	0.0367	20.4	0.00108	0.000842	0.00000439	0.00593	0.0018	0.0272	0.0211	0.00000473	20.7	0.0000164
2115 Jul	91.6	0.0735	0.115	0.00172	20	0.0368	20.5	0.00108	0.000844	0.0000044	0.00594	0.00181	0.0273	0.0212	0.00000475	20.7	0.0000165
2115 Aug	91.7	0.0733	0.114	0.00172	20.1	0.0368	20.5	0.00108	0.000843	0.00000439	0.00594	0.00181	0.0273	0.0211	0.00000474	20.7	0.0000164
2115 Sep	91.8	0.0733	0.114	0.00171	20.1	0.0369	20.5	0.00108	0.000843	0.00000439	0.00594	0.00181	0.0274	0.0211	0.00000474	20.7	0.0000164
2115 Oct	91.8	0.0732	0.114	0.00171	20	0.0369	20.6	0.00108	0.000842	0.00000439	0.00594	0.00181	0.0274	0.0211	0.00000474	20.7	0.0000164
2115 Nov	91.8	0.0733	0.113	0.00171	20	0.0369	20.5	0.00108	0.000842	0.00000439	0.00594	0.00181	0.0274	0.0211	0.00000474	20.7	0.0000164
2115 Dec	91.8	0.0733	0.113	0.00171	20	0.0369	20.5	0.00108	0.000842	0.00000439	0.00594	0.00181	0.0274	0.0211	0.00000474	20.7	0.0000164
2116 Jan	91.8	0.0733	0.113	0.00171	20	0.0369	20.5	0.00108	0.000842	0.00000439	0.00594	0.00181	0.0274	0.0211	0.00000474	20.7	0.0000164
2116 Feb	91.8	0.0733	0.113	0.00171	20	0.0369	20.5	0.00108	0.000842	0.00000439	0.00594	0.00181	0.0274	0.0211	0.00000474	20.7	0.0000164
2116 Mar	91.8	0.0733	0.113	0.00171	20	0.0369	20.5	0.00108	0.000842	0.00000439	0.00594	0.00181	0.0274	0.0211	0.00000474	20.7	0.0000164
2116 Apr	91.8	0.0733	0.113	0.00171	20	0.0369	20.5	0.00108	0.000843	0.00000439	0.00594	0.00181	0.0274	0.0211	0.00000474	20.7	0.0000164
2116 May	91.9	0.0733	0.113	0.00171	20	0.0369	20.5	0.00108	0.000843	0.00000439	0.00594	0.00181	0.0274	0.0212	0.00000474	20.8	0.0000164
2116 Jun	91.9	0.0733	0.111	0.0017	20	0.0367	20.5	0.00109	0.000843	0.00000439	0.00593	0.00182	0.0271	0.0214	0.00000474	21	0.0000164
2116 Jul	92.2	0.0734	0.111	0.0017	20.1	0.0368	20.6	0.00109	0.000845	0.0000044	0.00595	0.00183	0.0272	0.0215	0.00000475	21	0.0000165
2116 Aug	92.4	0.0735	0.111	0.0017	20.1	0.0369	20.6	0.00109	0.000846	0.00000441	0.00596	0.00183	0.0273	0.0215	0.00000476	21.1	0.0000165
2116 Sep	92.5	0.0733	0.11	0.0017	20.1	0.0369	20.7	0.00109	0.000845	0.0000044	0.00595	0.00183	0.0274	0.0215	0.00000476	21	0.0000165
2116 Oct	92.3	0.0734	0.11	0.00169	20	0.0369	20.7	0.00109	0.000844	0.0000044	0.00595	0.00183	0.0273	0.0214	0.00000475	21	0.0000164
2116 Nov	92.3	0.0734	0.11	0.00169	20	0.0369	20.7	0.00109	0.000843	0.0000044	0.00595	0.00183	0.0273	0.0214	0.00000475	21	0.0000164
2116 Dec	92.3	0.0734	0.11	0.00169	20	0.0369	20.7	0.00109	0.000843	0.0000044	0.00595	0.00183	0.0273	0.0214	0.00000475	21	0.0000164
2117 Jan	92.3	0.0734	0.11	0.00169	20	0.0369	20.7	0.00109	0.000843	0.0000044	0.00595	0.00183	0.0273	0.0214	0.00000475	21	0.0000164
2117 Feb	92.3	0.0734	0.11	0.00169	20	0.0369	20.7	0.00109	0.000843	0.0000044	0.00595	0.00183	0.0273	0.0214	0.00000475	21	0.0000164
2117 Mar	92.3	0.0734	0.11	0.00169	20	0.0369	20.7	0.00109	0.000843	0.0000044	0.00595	0.00183	0.0273	0.0214	0.00000475	21	0.0000164
2117 Apr	92.4	0.0734	0.11	0.00169	20	0.0369	20.7	0.00109	0.000844	0.0000044	0.00595	0.00183	0.0274	0.0214	0.00000475	21	0.0000164
2117 May	92.4	0.0735	0.109	0.00169	20	0.0369	20.7	0.00109	0.000845	0.0000044	0.00596	0.00183	0.0273	0.0214	0.00000475	21	0.0000165
2117 Jun	92.5	0.0737	0.109	0.00169	20.1	0.0369	20.7	0.00109	0.000846	0.00000441	0.00597	0.00184	0.0273	0.0216	0.00000476	21.1	0.0000165
2117 Jul	92.8	0.0738	0.109	0.0017	20.1	0.037	20.8	0.0011	0.000848	0.00000442	0.00599	0.00185	0.0274	0.0216	0.00000478	21.2	0.0000166
2117 Aug	93	0.0739	0.109	0.0017	20.2	0.0371	20.8	0.0011	0.000849	0.00000443	0.006	0.00185	0.0275	0.0216	0.00000478	21.2	0.0000166
2117 Sep	93.2	0.0739	0.109	0.0017	20.2	0.0371	20.9	0.0011	0.000849	0.00000443	0.006	0.00185	0.0275	0.0216	0.00000478	21.2	0.0000166
2117 Oct	93.2	0.0738	0.109	0.00169	20.2	0.0371	20.9	0.0011	0.000849	0.00000442	0.006	0.00185	0.0275	0.0216	0.00000478	21.2	0.0000166
2117 Nov	93.2	0.0738	0.109	0.00169	20.2	0.0372	20.9	0.0011	0.000848	0.00000442	0.006	0.00185	0.0275	0.0216	0.00000478	21.2	0.0000166
2117 Dec	93.2	0.0738	0.109	0.00169	20.2	0.0372	20.9	0.0011	0.000848	0.00000442	0.006	0.00185	0.0275	0.0216	0.00000478	21.2	0.0000166
2118 Jan	93.2	0.0738	0.109	0.00169	20.2	0.0372	20.9	0.0011	0.000848	0.00000442	0.006	0.00185	0.0275	0.0216	0.00000478	21.2	0.0000166
2118 Feb	93.2	0.0738	0.109	0.00169	20.2	0.0372	20.9	0.0011	0.000848	0.00000442	0.006	0.00185	0.0275	0.0216	0.00000478	21.2	0.0000166
2118 Mar	93.2	0.0738	0.109	0.00169	20.2	0.0372	20.9	0.0011	0.000848	0.00000442	0.006	0.00185	0.0275	0.0216	0.00000478	21.2	0.0000166
2118 Apr	93.2	0.0739	0.109	0.00169	20.2	0.0372	20.9	0.0011	0.000849	0.00000442	0.006	0.00185	0.0275	0.0216	0.00000478	21.2	0.0000166
2118 May	93.3	0.074	0.108	0.00169	20.2	0.0371	20.8	0.0011	0.000851	0.00000444	0.00601	0.00185	0.0274	0.0218	0.00000479	21.3	0.0000166
2118 Jun	93.4	0.0742	0.106	0.00168	20.3	0.0369	20.8	0.0011	0.000853	0.00000445	0.00602	0.00187	0.0272	0.0222	0.0000048	21.6	0.0000167
2118 Jul	93.8	0.0743	0.106	0.00169	20.3	0.037	20.9	0.00111	0.000855	0.00000446	0.00604	0.00187	0.0273	0.0222	0.00000481	21.7	0.0000167
2118 Aug	93.9	0.0742	0.106	0.00168	20.4	0.037	20.9	0.00111	0.000855	0.00000446	0.00604	0.00187	0.0273	0.0222	0.00000481	21.6	0.0000167
2118 Sep	93.8	0.0741	0.105	0.00168	20.3	0.037	20.9	0.00111	0.000853	0.00000445	0.00603	0.00187	0.0273	0.0221	0.0000048	21.6	0.0000167
2118 Oct	93.7	0.0741	0.105	0.00167	20.2	0.0371	20.9	0.00111	0.000851	0.00000444	0.00602	0.00187	0.0273	0.022	0.00000479	21.6	0.0000166
2118 Nov	93.7	0.0741	0.104	0.00167	20.2	0.0371	21	0.00111	0.000851	0.00000444	0.00602	0.00188	0.0273	0.022	0.00000479	21.6	0.0000166
2118 Dec	93.7	0.0741	0.104	0.00167	20.2	0.0371	21	0.00111	0.000851	0.00000444	0.00602	0.00188	0.0273	0.022	0.00000479	21.6	0.0000166
2119 Jan	93.7	0.0741	0.104	0.00167	20.2	0.0371	21	0.00111	0.000851	0.00000444	0.00602	0.00188	0.0273	0.022	0.00000479	21.6	0.0000166
2119 Feb	93.7	0.0741	0.104	0.00167	20.2	0.0371	21	0.00111	0.000851	0.00000444	0.00602	0.00188	0.0273	0.022	0.00000479	21.6	0.0000166
2119 Mar	93.7	0.0741	0.104	0.00167	20.2	0.0371	21	0.00111	0.000851	0.00000444	0.00602	0.00188	0.0273	0.022	0.00000479	21.6	0.0000166
2119 Apr	93.7	0.0742	0.104	0.00167	20.2	0.0371	21	0.00111	0.000851	0.00000444	0.00602	0.00188	0.0273	0.0221	0.00000479	21.6	0.0000166
2119 May	94	0.0747	0.104	0.00167	20.3	0.037	21	0.00111	0.000851	0.00000444	0.00601	0.00189	0.0272	0.0223	0.00000479	21.8	0.0000166
2119 Jun	94.2	0.0747	0.103	0.00167	20.3	0.0369	21.1	0.00111	0.000849	0.00000443	0.006	0.0019	0.0272	0.0224	0.00000479	21.9	0.0000166
2119 Jul	94.5	0.0749	0.104	0.00167	20.4	0.037	21.2	0.00111	0.000851	0.00000444	0.00602	0.00191	0.0273	0.0225	0.0000048	22	0.0000167
2119 Aug	94.8	0.0749	0.104	0.00167	20.5	0.0371	21.2	0.00112	0.000852	0.00000444	0.00602	0.00191	0.0274	0.0225	0.0000048	22	0.0000167
2119 Sep	94.8	0.0747	0.103	0.00167	20.4	0.0371	21.2	0.00111	0.000851	0.00000444	0.00602	0.00191	0.0274	0.0225	0.0000048	22	0.0000167
2119 Oct	94.7	0.0747	0.103	0.00167	20.4	0.0371	21.3	0.00111	0.000849	0.00000443	0.00601	0.00191	0.0274	0.0224	0.00000479	21.9	0.0000166
2119 Nov	94.7	0.0748	0.102	0.00166	20.4	0.0371	21.3	0.00111	0.000849	0.00000443	0.00601	0.00191	0.0274	0.0224	0.00000479	21.9	0.0000166
2119 Dec	94.7	0.0748	0.102	0.00166	20.4	0.0371	21.3	0.00111	0.000849	0.00000443	0.00601	0.00191	0.0274	0.0224	0.00000479	21.9	0.0000166

Appendix C.3-4: FZONE Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
Model Predictions (2039-2119)																					
2039 Jan	0.000265	0.00018	0.00143	0.0283	0.00000387	2.51	5.46	0.0323	0.000817	55.2	0.00324	0.00641	0.0000739	0.000442	0.000202	0.125	0.00000365	0.000436	0.00034	0.00126	0.000695
2039 Feb	0.000265	0.00018	0.00143	0.0283	0.00000387	2.51	5.46	0.0323	0.000817	55.2	0.00324	0.00641	0.0000739	0.000442	0.000202	0.125	0.00000365	0.000436	0.00034	0.00126	0.000695
2039 Mar	0.000265	0.00018	0.00143	0.0283	0.00000387	2.51	5.46	0.0323	0.000817	55.2	0.00324	0.00641	0.0000739	0.000442	0.000202	0.125	0.00000365	0.000436	0.00034	0.00126	0.000695
2039 Apr	0.000265	0.00018	0.00143	0.0283	0.00000387	2.51	5.47	0.0323	0.000817	55.2	0.00324	0.00641	0.0000739	0.000442	0.000202	0.125	0.00000365	0.000436	0.00034	0.00126	0.000695
2039 May	0.000266	0.00018	0.00143	0.0283	0.00000387	2.51	5.47	0.0323	0.000817	55.2	0.00324	0.00641	0.0000739	0.000442	0.000202	0.125	0.00000365	0.000436	0.00034	0.00126	0.000695
2039 Jun	0.000266	0.000182	0.00144	0.0286	0.00000392	2.51	5.56	0.0328	0.000827	55.4	0.0033	0.00641	0.0000739	0.000453	0.000206	0.127	0.00000363	0.000438	0.000347	0.00127	0.000709
2039 Jul	0.000267	0.000182	0.00145	0.0288	0.00000395	2.51	5.58	0.0329	0.000829	55.3	0.00332	0.00641	0.0000739	0.000457	0.000207	0.127	0.00000362	0.000439	0.000349	0.00128	0.000713
2039 Aug	0.000268	0.000183	0.00145	0.029	0.00000398	2.52	5.63	0.0332	0.000835	55.5	0.00335	0.00642	0.000074	0.000461	0.000208	0.127	0.00000361	0.000441	0.000352	0.00128	0.000719
2039 Sep	0.000268	0.000184	0.00146	0.029	0.00000399	2.53	5.65	0.0333	0.000838	55.7	0.00337	0.00643	0.000074	0.000464	0.000209	0.128	0.00000362	0.000443	0.000353	0.00128	0.000724
2039 Oct	0.000269	0.000184	0.00146	0.0291	0.00000399	2.53	5.67	0.0334	0.000841	55.7	0.00338	0.00643	0.000074	0.000466	0.00021	0.128	0.00000362	0.000443	0.000354	0.00129	0.000726
2039 Nov	0.000269	0.000184	0.00146	0.0291	0.000004	2.53	5.68	0.0334	0.000841	55.7	0.00338	0.00643	0.000074	0.000466	0.00021	0.128	0.00000362	0.000444	0.000355	0.00129	0.000727
2039 Dec	0.000269	0.000184	0.00146	0.0291	0.000004	2.53	5.68	0.0334	0.000841	55.7	0.00338	0.00643	0.000074	0.000467	0.00021	0.128	0.00000362	0.000444	0.000355	0.00129	0.000727
2040 Jan	0.000269	0.000184	0.00146	0.0291	0.000004	2.53	5.68	0.0334	0.000841	55.7	0.00338	0.00643	0.000074	0.000467	0.00021	0.128	0.00000362	0.000444	0.000355	0.00129	0.000727
2040 Feb	0.000269	0.000184	0.00146	0.0291	0.000004	2.53	5.68	0.0334	0.000841	55.7	0.00338	0.00643	0.000074	0.000467	0.00021	0.128	0.00000362	0.000444	0.000355	0.00129	0.000727
2040 Mar	0.000269	0.000184	0.00146	0.0291	0.000004	2.53	5.68	0.0334	0.000841	55.8	0.00338	0.00643	0.000074	0.000467	0.00021	0.128	0.00000362	0.000444	0.000355	0.00129	0.000727
2040 Apr	0.000269	0.000184	0.00146	0.0291	0.000004	2.53	5.68	0.0334	0.000841	55.8	0.00338	0.00643	0.000074	0.000467	0.00021	0.128	0.00000362	0.000444	0.000355	0.00129	0.000727
2040 May	0.000269	0.000185	0.00147	0.0292	0.000004	2.53	5.68	0.0335	0.000842	55.8	0.00339	0.00644	0.0000745	0.000467	0.00021	0.128	0.00000362	0.000444	0.000356	0.00129	0.000728
2040 Jun	0.000272	0.000188	0.00145	0.0321	0.00000417	2.51	5.61	0.0339	0.000825	54.2	0.00332	0.00663	0.0000841	0.000457	0.000206	0.127	0.00000354	0.00044	0.000364	0.0013	0.00071
2040 Jul	0.000273	0.000189	0.00145	0.033	0.00000424	2.51	5.61	0.0341	0.000823	53.8	0.00331	0.00672	0.0000865	0.000457	0.000206	0.127	0.00000352	0.000441	0.000367	0.0013	0.000709
2040 Aug	0.000274	0.00019	0.00145	0.0331	0.00000426	2.52	5.64	0.0343	0.000827	54	0.00334	0.00673	0.0000866	0.000461	0.000208	0.127	0.00000353	0.000443	0.000369	0.00131	0.000714
2040 Sep	0.000275	0.00019	0.00146	0.0332	0.00000427	2.53	5.67	0.0344	0.000832	54.1	0.00336	0.00674	0.0000866	0.000464	0.000209	0.128	0.00000353	0.000444	0.000371	0.00131	0.000719
2040 Oct	0.000275	0.000191	0.00146	0.0333	0.00000428	2.53	5.68	0.0345	0.000833	54.1	0.00336	0.00675	0.0000867	0.000465	0.000209	0.128	0.00000353	0.000444	0.000372	0.00131	0.00072
2040 Nov	0.000275	0.000191	0.00146	0.0333	0.00000428	2.53	5.69	0.0345	0.000833	54.2	0.00337	0.00675	0.0000868	0.000465	0.000209	0.128	0.00000353	0.000445	0.000372	0.00131	0.000721
2040 Dec	0.000275	0.000191	0.00146	0.0333	0.00000428	2.53	5.69	0.0345	0.000833	54.2	0.00337	0.00675	0.0000868	0.000465	0.000209	0.128	0.00000353	0.000445	0.000372	0.00131	0.000721
2041 Jan	0.000275	0.000191	0.00146	0.0333	0.00000428	2.53	5.69	0.0345	0.000833	54.2	0.00337	0.00675	0.0000868	0.000465	0.000209	0.128	0.00000353	0.000445	0.000372	0.00131	0.000721
2041 Feb	0.000275	0.000191	0.00146	0.0333	0.00000428	2.53	5.69	0.0345	0.000833	54.2	0.00337	0.00675	0.0000868	0.000465	0.000209	0.128	0.00000353	0.000445	0.000372	0.00131	0.000721
2041 Mar	0.000275	0.000191	0.00146	0.0333	0.00000428	2.53	5.69	0.0345	0.000833	54.2	0.00337	0.00675	0.0000868	0.000465	0.000209	0.128	0.00000353	0.000445	0.000372	0.00131	0.000721
2041 Apr	0.000275	0.000191	0.00146	0.0333	0.00000428	2.53	5.69	0.0345	0.000834	54.2	0.00337	0.00675	0.0000868	0.000465	0.000209	0.128	0.00000353	0.000445	0.000372	0.00131	0.000721
2041 May	0.000276	0.000191	0.00146	0.0333	0.00000429	2.53	5.71	0.0347	0.000836	54.3	0.00338	0.00676	0.0000869	0.000468	0.00021	0.128	0.00000353	0.000446	0.000373	0.00131	0.000725
2041 Jun	0.000277	0.000191	0.00144	0.036	0.00000451	2.5	5.6	0.0345	0.000816	52.3	0.00331	0.00714	0.0000922	0.000458	0.000205	0.126	0.00000344	0.00044	0.000379	0.00133	0.000705
2041 Jul	0.000279	0.00019	0.00141	0.0391	0.00000478	2.45	5.44	0.0341	0.000788	49.8	0.00319	0.0078	0.0000981	0.000443	0.000198	0.123	0.00000333	0.000432	0.000384	0.00135	0.000676
2041 Aug	0.00028	0.000191	0.00141	0.0392	0.00000479	2.46	5.47	0.0343	0.000792	50	0.00322	0.00782	0.0000982	0.000446	0.000199	0.123	0.00000334	0.000434	0.000386	0.00135	0.000681
2041 Sep	0.00028	0.000192	0.00142	0.0392	0.00000481	2.47	5.51	0.0344	0.000797	50.1	0.00324	0.00782	0.0000982	0.00045	0.000201	0.124	0.00000334	0.000435	0.000388	0.00136	0.000687
2041 Oct	0.000281	0.000192	0.00142	0.0393	0.00000481	2.47	5.53	0.0345	0.000799	50.2	0.00325	0.00783	0.0000982	0.000452	0.000201	0.124	0.00000334	0.000436	0.000389	0.00136	0.00069
2041 Nov	0.000281	0.000192	0.00142	0.0393	0.00000482	2.47	5.53	0.0346	0.0008	50.2	0.00325	0.00784	0.0000982	0.000452	0.000202	0.124	0.00000334	0.000436	0.000389	0.00136	0.000691
2041 Dec	0.000281	0.000192	0.00142	0.0393	0.00000482	2.47	5.53	0.0346	0.0008	50.2	0.00326	0.00784	0.0000982	0.000453	0.000202	0.124	0.00000334	0.000436	0.000389	0.00136	0.000691
2042 Jan	0.000281	0.000192	0.00142	0.0393	0.00000482	2.47	5.53	0.0346	0.0008	50.2	0.00326	0.00784	0.0000982	0.000453	0.000202	0.124	0.00000334	0.000436	0.000389	0.00136	0.000691
2042 Feb	0.000281	0.000193	0.00142	0.0393	0.00000482	2.47	5.53	0.0346	0.0008	50.2	0.00326	0.00784	0.0000982	0.000453	0.000202	0.124	0.00000334	0.000436	0.000389	0.00136	0.000691
2042 Mar	0.000281	0.000193	0.00142	0.0393	0.00000482	2.47	5.53	0.0346	0.0008	50.2	0.00326	0.00784	0.0000982	0.000453	0.000202	0.124	0.00000334	0.000436	0.000389	0.00136	0.000691
2042 Apr	0.000281	0.000193	0.00142	0.0393	0.00000482	2.47	5.54	0.0346	0.000801	50.2	0.00326	0.00784	0.0000983	0.000453	0.000202	0.124	0.00000334	0.000436	0.000389	0.00136	0.000691
2042 May	0.000281	0.000193	0.00143	0.0394	0.00000482	2.48	5.54	0.0347	0.000802	50.3	0.00326	0.00785	0.0000985	0.000454	0.000202	0.124	0.00000334	0.000437	0.00039	0.00136	0.000693
2042 Jun	0.000281	0.000192	0.00141	0.0409	0.00000496	2.45	5.45	0.0344	0.000787	49	0.0032	0.00827	0.000101	0.000446	0.000198	0.123	0.0000033	0.000432	0.000392	0.00137	0.000677
2042 Jul	0.000282	0.000192	0.00139	0.0422	0.00000509	2.43	5.39	0.0342	0.000777	48	0.00317	0.00868	0.000103	0.000441	0.000196	0.121	0.00000325	0.000428	0.000395	0.00138	0.000667
2042 Aug	0.000282	0.000192	0.00139	0.0432	0.00000519	2.42	5.37	0.0342	0.000772	47.2	0.00315	0.0091	0.000104	0.00044	0.000195	0.121	0.00000322	0.000426	0.000397	0.00139	0.000663
2042 Sep	0.000282	0.000192	0.00138	0.044	0.00000527	2.41	5.35	0.0342	0.000768	46.5	0.00314	0.00948	0.000105	0.000438	0.000194	0.12	0.00000319	0.000424	0.000398	0.0014	0.000659
2042 Oct	0.000282	0.000191	0.00138	0.0445	0.00000532	2.4	5.33	0.0341	0.000765	46.1	0.00313	0.00976	0.000105	0.000437	0.000193	0.12	0.00000317	0.000422	0.000399	0.0014	0.000656
2042 Nov	0.000282	0.000192	0.00138	0.0445	0.00000532	2.4	5.34	0.0341	0.000766	46.1	0.00313	0.00977	0.000105	0.000438	0.000193	0.12	0.00000317	0.000422	0.000399	0.0014	0.000657
2042 Dec	0.000282	0.000192	0.00138	0.0445	0.00000532	2.4	5.34	0.0342	0.000766	46.1	0.00313	0.00977	0.000105	0.000438	0.000193	0.12	0.00000317	0.000422	0.000399	0.0014	0.000657
2043 Jan	0.000282	0.000192	0.00138	0.0445	0.00000532	2.4	5.34	0.0342	0.000766	46.1	0.00313	0.00977	0.000105	0.000438	0.000193	0.12	0.00000317	0.000422	0.000399	0.0014	0.000657
2043 Feb	0.000282	0.000192	0.00138	0.0445	0.00000532	2.4	5.34	0.0342	0.000766	46.1	0.00313	0.00977	0.000105	0.000438	0.000193	0.12	0.00000317	0.000422	0.000399	0.0014	0.000657
2043 Mar	0.000282	0.000192	0.00138	0.0445	0.00000532	2.4	5.34	0.0342	0.000766	46.1	0.00313	0.00977	0.000105	0.000438	0.000193	0.12	0.00000317	0.000422	0.000399	0.0014	0.000657
2043 Apr	0.000282	0.000192	0.00138	0.0445	0.00000533	2.4	5.34	0.0342	0.000766	46.1	0.00313	0.00977	0.000105	0.000438	0.000193	0.12	0.00000317	0.000422	0.0004	0.0014	0.000657
2043 May	0.000283	0.000192	0.00138	0.0447	0.00000534	2.4	5.34	0.0342	0.000767	46.1	0.00314	0.00981	0.000106	0.000438	0.000193	0.12	0.00000317	0.000423	0.0004	0.0014	0.000657
2043 Jun	0.000284	0.000195	0.00136	0.0484	0.00000554	2.36	5.2	0.0345	0.000742	44	0.00304	0.011	0.000117	0.000424	0.000187	0.119	0.00000309	0.000411	0.000409	0.00141	0.000629
2043 Jul	0.000285	0.000196	0.00136	0.0489	0.00000559	2.37	5.21	0.0347	0.000742	43.9	0.00304	0.0113	0.000118	0.000425	0.000188	0.119	0.00000309	0.000412	0.000412	0.00142	0.000629
2043 Aug	0.000286	0.000197	0.00137	0.0491	0.00000561	2.38	5.25	0.0349	0.000747	44	0.00307	0.0113	0.000118	0.000428	0.000189	0.119	0.0000031	0.000413	0.000414	0.00142	0.000635
2043 Sep	0.000287	0.000198	0.00137	0.0491	0.00000562	2.38	5.29	0.0351	0.000751	44.1	0.00309	0.0113	0.000118	0.000432	0.00019	0.12	0.0000031	0.000415	0.000416	0.00143	0.000641
2043 Oct	0.000287	0.000199	0.00137	0.0493	0.00000564	2.38	5.3	0.0352	0.000753	44.1	0.0031	0.0114	0.000119	0.000434	0.000191	0.12	0.00000309	0.000415	0.000417	0.00143	0.000644
2043 Nov	0.000287	0.000199	0.00137	0.0495	0.00000565	2.38	5.3	0.0352	0.000753	43.9	0.0031	0.0115	0.000119	0.000434	0.000191	0.12	0.00000308	0.000415	0.000418	0.00143	0.000644
2043 Dec	0.000287	0.000199	0.00138	0.0495	0.00000565	2.38	5.3	0.0352	0.000753	43.9	0.0031	0.0115	0.000119	0.000434	0.000191	0.12	0.00000308	0.000415	0.000418	0.00143	0.000644
2044 Jan	0.000287	0.000199	0.00138	0.0495	0.00000565	2.38	5.3	0.0352	0.000753	44	0.0031	0.0115	0.000119	0.000434	0.000191	0.12	0.00000308	0.000415	0.000418	0.00143	0.000644
2044 Feb	0.000287	0.000199	0.00138	0.0495	0.00000565	2.38	5.3	0.0352	0.000753	44	0.0031	0.0115	0.000119	0.000434	0.000191	0.12	0.00000308	0.000415	0.000418	0.00143	0.000644
2044 Mar	0.000287	0.000199	0.00138	0.0495	0.00000565	2.38	5.3	0.0352	0.000753	44	0.0031	0.0115	0.000119	0.000434	0.000191	0.12	0.00000308	0.000415	0.000418	0.00143	0.000644
2044 Apr	0.000287	0.000199	0.00138	0.0495	0.00000566	2.38	5.3	0.0352	0.000753	44	0.0031	0.0115	0.000119	0.000434	0.000191	0.12	0.00000309	0.000415	0.000418	0.00143	0.000644

Appendix C.3-4: FZONE Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2044 May	0.000287	0.000199	0.00138	0.0496	0.00000566	2.38	5.31	0.0353	0.000754	44	0.0031	0.0115	0.000119	0.000434	0.000191	0.12	0.00000309	0.000415	0.000419	0.00143	0.000645
2044 Jun	0.000287	0.000199	0.00135	0.0527	0.00000588	2.33	5.14	0.0351	0.000727	41.7	0.003	0.0129	0.000126	0.000419	0.000184	0.118	0.00000301	0.000402	0.000424	0.00144	0.000613
2044 Jul	0.000287	0.0002	0.00134	0.0539	0.00000598	2.32	5.08	0.035	0.000718	40.9	0.00297	0.0136	0.000128	0.000415	0.000182	0.117	0.00000299	0.000398	0.000427	0.00145	0.000603
2044 Aug	0.000288	0.0002	0.00134	0.0541	0.000006	2.33	5.11	0.0352	0.000721	41.1	0.00298	0.0136	0.000129	0.000417	0.000183	0.118	0.00000299	0.000399	0.000429	0.00146	0.000607
2044 Sep	0.000288	0.000201	0.00134	0.0541	0.00000601	2.33	5.13	0.0353	0.000724	41	0.00299	0.0136	0.000128	0.000419	0.000184	0.118	0.00000299	0.0004	0.000429	0.00146	0.00061
2044 Oct	0.000288	0.000201	0.00135	0.0543	0.00000603	2.33	5.13	0.0353	0.000725	40.9	0.003	0.0138	0.000129	0.00042	0.000184	0.118	0.00000298	0.0004	0.00043	0.00146	0.000612
2044 Nov	0.000288	0.000201	0.00135	0.0544	0.00000603	2.33	5.14	0.0353	0.000725	40.9	0.003	0.0138	0.000129	0.00042	0.000184	0.118	0.00000298	0.0004	0.00043	0.00146	0.000612
2044 Dec	0.000288	0.000201	0.00135	0.0544	0.00000603	2.33	5.14	0.0353	0.000725	40.9	0.003	0.0138	0.000129	0.00042	0.000184	0.118	0.00000298	0.0004	0.000431	0.00146	0.000612
2045 Jan	0.000288	0.000201	0.00135	0.0544	0.00000603	2.33	5.14	0.0353	0.000725	40.9	0.003	0.0138	0.000129	0.00042	0.000184	0.118	0.00000298	0.0004	0.000431	0.00146	0.000613
2045 Feb	0.000288	0.000201	0.00135	0.0544	0.00000603	2.33	5.14	0.0353	0.000725	40.9	0.003	0.0138	0.000129	0.00042	0.000184	0.118	0.00000298	0.0004	0.000431	0.00146	0.000613
2045 Mar	0.000288	0.000201	0.00135	0.0544	0.00000603	2.33	5.14	0.0353	0.000725	40.9	0.003	0.0138	0.000129	0.00042	0.000184	0.118	0.00000298	0.0004	0.000431	0.00146	0.000613
2045 Apr	0.000288	0.000201	0.00135	0.0544	0.00000603	2.33	5.14	0.0353	0.000725	40.9	0.003	0.0138	0.000129	0.000421	0.000184	0.118	0.00000298	0.0004	0.000431	0.00146	0.000613
2045 May	0.000289	0.000201	0.00135	0.0544	0.00000604	2.33	5.14	0.0354	0.000726	40.9	0.003	0.0138	0.000129	0.000421	0.000184	0.118	0.00000298	0.0004	0.000431	0.00146	0.000613
2045 Jun	0.000288	0.000202	0.00134	0.0557	0.00000617	2.31	5.11	0.0354	0.000719	39.8	0.00299	0.0147	0.00013	0.000421	0.000183	0.118	0.00000294	0.000394	0.000436	0.00148	0.00061
2045 Jul	0.000288	0.000201	0.00133	0.0568	0.00000627	2.29	5.06	0.0352	0.000711	39	0.00297	0.0154	0.000131	0.000418	0.000181	0.117	0.00000292	0.00039	0.000439	0.00149	0.000601
2045 Aug	0.000289	0.000202	0.00134	0.0569	0.00000629	2.29	5.08	0.0354	0.000714	39.1	0.00298	0.0154	0.000131	0.00042	0.000182	0.117	0.00000292	0.000391	0.00044	0.00149	0.000605
2045 Sep	0.000289	0.000202	0.00134	0.0569	0.0000063	2.3	5.1	0.0355	0.000716	39.1	0.00299	0.0154	0.000131	0.000422	0.000183	0.118	0.00000292	0.000392	0.000441	0.00149	0.000608
2045 Oct	0.000289	0.000202	0.00134	0.0569	0.0000063	2.3	5.11	0.0355	0.000718	39.2	0.003	0.0154	0.000131	0.000423	0.000183	0.118	0.00000293	0.000393	0.000442	0.00149	0.000611
2045 Nov	0.00029	0.000203	0.00134	0.0569	0.0000063	2.3	5.12	0.0355	0.000719	39.2	0.003	0.0154	0.000131	0.000424	0.000184	0.118	0.00000293	0.000393	0.000442	0.0015	0.000611
2045 Dec	0.00029	0.000203	0.00134	0.0569	0.0000063	2.3	5.12	0.0356	0.000719	39.2	0.003	0.0154	0.000131	0.000424	0.000184	0.118	0.00000293	0.000393	0.000442	0.0015	0.000612
2046 Jan	0.00029	0.000203	0.00134	0.0569	0.0000063	2.3	5.12	0.0356	0.000719	39.2	0.003	0.0154	0.000131	0.000424	0.000184	0.118	0.00000293	0.000393	0.000442	0.0015	0.000612
2046 Feb	0.00029	0.000203	0.00134	0.0569	0.0000063	2.3	5.12	0.0356	0.000719	39.2	0.003	0.0154	0.000131	0.000424	0.000184	0.118	0.00000293	0.000393	0.000442	0.0015	0.000612
2046 Mar	0.00029	0.000203	0.00134	0.0569	0.0000063	2.3	5.12	0.0356	0.000719	39.2	0.003	0.0154	0.000131	0.000424	0.000184	0.118	0.00000293	0.000393	0.000442	0.0015	0.000612
2046 Apr	0.00029	0.000203	0.00134	0.0569	0.0000063	2.3	5.12	0.0356	0.000719	39.2	0.003	0.0154	0.000131	0.000424	0.000184	0.118	0.00000293	0.000393	0.000442	0.0015	0.000612
2046 May	0.00029	0.000203	0.00135	0.057	0.00000631	2.3	5.13	0.0356	0.00072	39.2	0.00301	0.0154	0.000131	0.000425	0.000184	0.118	0.00000293	0.000394	0.000443	0.0015	0.000613
2046 Jun	0.000288	0.000201	0.00132	0.0587	0.00000647	2.26	5	0.0352	0.0007	37.6	0.00294	0.0167	0.000133	0.000417	0.000179	0.116	0.00000288	0.000383	0.000445	0.00151	0.000593
2046 Jul	0.000286	0.000198	0.00129	0.0602	0.00000662	2.21	4.84	0.0345	0.000676	35.9	0.00285	0.0181	0.000134	0.000405	0.000173	0.114	0.00000282	0.000372	0.000446	0.00153	0.000567
2046 Aug	0.000287	0.000199	0.0013	0.0603	0.00000664	2.22	4.86	0.0346	0.000679	35.9	0.00286	0.0182	0.000134	0.000407	0.000174	0.114	0.00000283	0.000373	0.000447	0.00153	0.000571
2046 Sep	0.000287	0.000199	0.0013	0.0604	0.00000666	2.22	4.88	0.0347	0.000682	35.8	0.00288	0.0183	0.000134	0.000409	0.000175	0.114	0.00000282	0.000373	0.000448	0.00153	0.000575
2046 Oct	0.000287	0.000199	0.0013	0.0606	0.00000669	2.22	4.88	0.0347	0.000681	35.5	0.00288	0.0186	0.000134	0.00041	0.000175	0.114	0.00000281	0.000372	0.000449	0.00153	0.000576
2046 Nov	0.000287	0.0002	0.0013	0.0607	0.0000067	2.22	4.88	0.0347	0.000681	35.5	0.00288	0.0187	0.000134	0.00041	0.000175	0.114	0.00000281	0.000372	0.000449	0.00154	0.000577
2046 Dec	0.000287	0.0002	0.0013	0.0607	0.0000067	2.22	4.89	0.0347	0.000682	35.5	0.00288	0.0187	0.000134	0.000411	0.000175	0.114	0.00000281	0.000372	0.00045	0.00154	0.000577
2047 Jan	0.000287	0.0002	0.0013	0.0607	0.0000067	2.22	4.89	0.0347	0.000682	35.5	0.00288	0.0187	0.000134	0.000411	0.000175	0.114	0.00000281	0.000372	0.00045	0.00154	0.000577
2047 Feb	0.000287	0.0002	0.0013	0.0607	0.0000067	2.22	4.89	0.0347	0.000682	35.5	0.00288	0.0187	0.000134	0.000411	0.000175	0.114	0.00000281	0.000372	0.00045	0.00154	0.000577
2047 Mar	0.000287	0.0002	0.0013	0.0607	0.0000067	2.22	4.89	0.0347	0.000682	35.5	0.00288	0.0187	0.000134	0.000411	0.000175	0.114	0.00000281	0.000372	0.00045	0.00154	0.000577
2047 Apr	0.000287	0.0002	0.0013	0.0607	0.0000067	2.22	4.89	0.0348	0.000682	35.5	0.00288	0.0187	0.000134	0.000411	0.000175	0.114	0.00000281	0.000372	0.00045	0.00154	0.000578
2047 May	0.000287	0.0002	0.0013	0.0611	0.00000672	2.21	4.88	0.0349	0.000681	35.4	0.00288	0.0189	0.000135	0.000411	0.000175	0.114	0.0000028	0.000371	0.000451	0.00154	0.000577
2047 Jun	0.000287	0.000203	0.00128	0.0641	0.00000685	2.18	4.76	0.0352	0.000658	33.6	0.0028	0.0208	0.000145	0.000399	0.00017	0.113	0.00000275	0.000359	0.000459	0.00154	0.000551
2047 Jul	0.000288	0.000204	0.00128	0.0644	0.00000688	2.18	4.78	0.0353	0.00066	33.6	0.00281	0.0209	0.000146	0.0004	0.00017	0.114	0.00000275	0.00036	0.000461	0.00155	0.000554
2047 Aug	0.000289	0.000205	0.00129	0.0645	0.0000069	2.19	4.8	0.0355	0.000663	33.7	0.00282	0.021	0.000146	0.000403	0.000171	0.114	0.00000276	0.000362	0.000463	0.00155	0.000558
2047 Sep	0.000289	0.000205	0.00129	0.0645	0.00000691	2.19	4.83	0.0356	0.000667	33.7	0.00284	0.021	0.000146	0.000405	0.000172	0.114	0.00000275	0.000363	0.000464	0.00155	0.000563
2047 Oct	0.000289	0.000206	0.00129	0.0647	0.00000692	2.2	4.85	0.0357	0.000669	33.6	0.00285	0.0211	0.000146	0.000407	0.000173	0.115	0.00000275	0.000363	0.000465	0.00156	0.000568
2047 Nov	0.000289	0.000206	0.0013	0.0647	0.00000693	2.2	4.85	0.0358	0.00067	33.6	0.00286	0.0211	0.000146	0.000408	0.000173	0.115	0.00000274	0.000363	0.000466	0.00156	0.000569
2047 Dec	0.000289	0.000206	0.0013	0.0647	0.00000693	2.2	4.85	0.0358	0.00067	33.6	0.00286	0.0211	0.000146	0.000408	0.000173	0.115	0.00000274	0.000363	0.000466	0.00156	0.00057
2048 Jan	0.000289	0.000206	0.0013	0.0647	0.00000693	2.2	4.86	0.0358	0.00067	33.6	0.00286	0.0211	0.000146	0.000409	0.000174	0.115	0.00000274	0.000363	0.000466	0.00156	0.00057
2048 Feb	0.000289	0.000206	0.0013	0.0647	0.00000693	2.2	4.86	0.0358	0.00067	33.6	0.00286	0.0211	0.000146	0.000409	0.000174	0.115	0.00000274	0.000363	0.000466	0.00156	0.00057
2048 Mar	0.000289	0.000206	0.0013	0.0647	0.00000693	2.2	4.86	0.0358	0.00067	33.6	0.00286	0.0211	0.000146	0.000409	0.000174	0.115	0.00000274	0.000363	0.000466	0.00156	0.00057
2048 Apr	0.000289	0.000206	0.0013	0.0647	0.00000693	2.2	4.86	0.0358	0.00067	33.6	0.00286	0.0211	0.000146	0.000409	0.000174	0.115	0.00000275	0.000363	0.000466	0.00156	0.00057
2048 May	0.00029	0.000206	0.0013	0.0648	0.00000693	2.2	4.86	0.0358	0.000671	33.6	0.00286	0.0211	0.000146	0.000409	0.000174	0.115	0.00000275	0.000364	0.000467	0.00156	0.00057
2048 Jun	0.000287	0.000204	0.00127	0.0663	0.00000705	2.15	4.7	0.0353	0.000647	32	0.00277	0.0227	0.000148	0.000396	0.000168	0.113	0.0000027	0.000352	0.000467	0.00157	0.000543
2048 Jul	0.000285	0.000203	0.00124	0.0677	0.00000715	2.11	4.56	0.0347	0.000626	30.6	0.00269	0.0242	0.00015	0.000385	0.000162	0.111	0.00000266	0.000342	0.000467	0.00157	0.000519
2048 Aug	0.000286	0.000203	0.00125	0.0678	0.00000717	2.12	4.59	0.0349	0.00063	30.6	0.0027	0.0243	0.00015	0.000388	0.000163	0.111	0.00000266	0.000343	0.000468	0.00157	0.000524
2048 Sep	0.000286	0.000204	0.00125	0.0678	0.00000719	2.12	4.61	0.035	0.000633	30.6	0.00272	0.0244	0.00015	0.000391	0.000164	0.112	0.00000266	0.000344	0.000469	0.00158	0.00053
2048 Oct	0.000286	0.000204	0.00125	0.0678	0.0000072	2.12	4.62	0.0351	0.000635	30.5	0.00273	0.0245	0.00015	0.000392	0.000165	0.112	0.00000265	0.000344	0.00047	0.00158	0.000534
2048 Nov	0.000286	0.000204	0.00126	0.0679	0.0000072	2.12	4.63	0.0351	0.000635	30.5	0.00273	0.0246	0.00015	0.000392	0.000165	0.112	0.00000265	0.000344	0.00047	0.00158	0.000534
2048 Dec	0.000286	0.000204	0.00126	0.0679	0.0000072	2.12	4.63	0.0351	0.000635	30.5	0.00273	0.0246	0.00015	0.000393	0.000165	0.112	0.00000265	0.000344	0.00047	0.00158	0.000534
2049 Jan	0.000286	0.000204	0.00126	0.0679	0.0000072	2.12	4.63	0.0351	0.000635	30.5	0.00273	0.0246	0.00015	0.000393	0.000165	0.112	0.00000265	0.000344	0.00047	0.00158	0.000534
2049 Feb	0.000286	0.000204	0.00126	0.0679	0.0000072	2.12	4.63	0.0351	0.000635	30.5	0.00273	0.0246	0.00015	0.000393	0.000165	0.112	0.00000265	0.000344	0.00047	0.00158	0.000534
2049 Mar	0.000286	0.000204	0.00126	0.0679	0.0000072	2.12	4.63	0.0351	0.000635	30.5	0.00273	0.0246	0.00015	0.000393	0.000165	0.112	0.00000265	0.000344	0.00047	0.00158	0.000534
2049 Apr	0.000286	0.000204	0.00126	0.0679	0.0000072	2.12	4.63	0.0351	0.000635	30.5	0.00273	0.0246	0.00015	0.000393	0.000165	0.112	0.00000265	0.000344	0.00047	0.00158	0.000535
2049 May	0.000287	0.000204	0.00126	0.068	0.00000721	2.12	4.63	0.0351	0.000636	30.5	0.00274	0.0246	0.00015	0.000393	0.000165	0.112	0.00000265	0.000344	0.000471	0.00158	0.000535
2049 Jun	0.000283	0.000201	0.00122	0.069	0.0000073	2.07	4.45	0.0343	0.00061	28.9	0.00263	0.0264	0.00015	0.000379	0.000159	0.109	0.0000026	0.000332	0.000467	0.00158	0.000506
2049 Jul	0.000281	0.000199	0.00121	0.0695	0.00000736	2.05	4.36	0.0338	0.000597	28	0.00259	0.0276	0.00015	0.000373	0.000155	0.108	0.00000258	0.000326	0.000466	0.00159	0.000493
2049 Aug	0.000282	0.000199	0.00121	0.0696	0.00000738	2.06	4.39	0.034	0.0006	28.1	0.0026	0.0276	0.00015	0.000375	0.000156	0.108	0.00000258	0.000327	0.000468	0.00159	0.000497
2049 Sep	0.000283	0.0002	0.00122	0.0696	0.00000739	2.06	4.41	0.0341	0.000604	28.1	0.00262	0.0276	0.00015	0.000378	0.000157	0.108	0.00000258	0.000329	0.000469	0.00159	0.000503

Appendix C.3-4: FZONE Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2049 Oct	0.000283	0.0002	0.00122	0.0696	0.00000739	2.06	4.43	0.0341	0.000606	28	0.00263	0.0277	0.00015	0.000379	0.000158	0.109	0.00000257	0.000329	0.000469	0.00159	0.000506
2049 Nov	0.000283	0.0002	0.00122	0.0696	0.0000074	2.06	4.44	0.0342	0.000608	28	0.00264	0.0278	0.000149	0.000381	0.000158	0.109	0.00000257	0.000329	0.00047	0.00159	0.000509
2049 Dec	0.000283	0.0002	0.00122	0.0696	0.0000074	2.06	4.44	0.0342	0.000608	28	0.00264	0.0278	0.000149	0.000381	0.000158	0.109	0.00000257	0.000329	0.00047	0.00159	0.00051
2050 Jan	0.000283	0.0002	0.00122	0.0696	0.0000074	2.06	4.44	0.0342	0.000608	28	0.00264	0.0278	0.000149	0.000381	0.000158	0.109	0.00000257	0.000329	0.00047	0.00159	0.00051
2050 Feb	0.000283	0.0002	0.00122	0.0696	0.0000074	2.06	4.44	0.0342	0.000608	28	0.00264	0.0278	0.000149	0.000381	0.000158	0.109	0.00000257	0.000329	0.00047	0.00159	0.00051
2050 Mar	0.000283	0.0002	0.00122	0.0696	0.0000074	2.06	4.44	0.0342	0.000608	28	0.00264	0.0278	0.000149	0.000381	0.000158	0.109	0.00000257	0.000329	0.00047	0.00159	0.00051
2050 Apr	0.000283	0.0002	0.00122	0.0696	0.0000074	2.06	4.44	0.0342	0.000608	28	0.00264	0.0278	0.000149	0.000381	0.000158	0.109	0.00000257	0.000329	0.00047	0.00159	0.00051
2050 May	0.000283	0.000201	0.00122	0.0697	0.0000074	2.06	4.44	0.0342	0.000608	28.1	0.00264	0.0278	0.00015	0.000381	0.000159	0.109	0.00000258	0.00033	0.00047	0.0016	0.00051
2050 Jun	0.000281	0.000199	0.0012	0.0705	0.00000747	2.03	4.32	0.0337	0.00059	27	0.00257	0.0289	0.00015	0.000371	0.000154	0.107	0.00000254	0.000321	0.000469	0.0016	0.000489
2050 Jul	0.000279	0.000196	0.00118	0.0709	0.00000751	2	4.23	0.0332	0.000577	26.1	0.00251	0.03	0.00015	0.000364	0.00015	0.106	0.00000251	0.000315	0.000467	0.0016	0.000475
2050 Aug	0.000279	0.000197	0.00119	0.0711	0.00000753	2.01	4.24	0.0333	0.000579	26.1	0.00252	0.0301	0.00015	0.000366	0.000151	0.106	0.00000252	0.000316	0.000468	0.0016	0.000478
2050 Sep	0.00028	0.000197	0.00119	0.0711	0.00000754	2.01	4.26	0.0334	0.000582	26.1	0.00254	0.0301	0.00015	0.000368	0.000152	0.106	0.00000252	0.000317	0.000469	0.0016	0.000482
2050 Oct	0.00028	0.000197	0.00119	0.0711	0.00000754	2.01	4.27	0.0335	0.000583	26.1	0.00254	0.0301	0.00015	0.000369	0.000152	0.106	0.00000252	0.000317	0.000469	0.0016	0.000485
2050 Nov	0.00028	0.000198	0.00119	0.0711	0.00000754	2.01	4.28	0.0335	0.000584	26.1	0.00255	0.0301	0.00015	0.00037	0.000153	0.106	0.00000252	0.000317	0.00047	0.00161	0.000486
2050 Dec	0.00028	0.000198	0.00119	0.0711	0.00000754	2.01	4.28	0.0335	0.000584	26.2	0.00255	0.0301	0.00015	0.00037	0.000153	0.106	0.00000252	0.000317	0.00047	0.00161	0.000487
2051 Jan	0.00028	0.000198	0.00119	0.0711	0.00000754	2.01	4.28	0.0335	0.000584	26.2	0.00255	0.0301	0.00015	0.00037	0.000153	0.106	0.00000252	0.000317	0.00047	0.00161	0.000487
2051 Feb	0.00028	0.000198	0.00119	0.0711	0.00000754	2.01	4.28	0.0335	0.000584	26.2	0.00255	0.0301	0.00015	0.00037	0.000153	0.106	0.00000252	0.000317	0.00047	0.00161	0.000487
2051 Mar	0.00028	0.000198	0.00119	0.0711	0.00000754	2.01	4.28	0.0335	0.000584	26.2	0.00255	0.0301	0.00015	0.00037	0.000153	0.106	0.00000252	0.000317	0.00047	0.00161	0.000487
2051 Apr	0.00028	0.000198	0.00119	0.0711	0.00000754	2.01	4.28	0.0335	0.000584	26.2	0.00255	0.0301	0.00015	0.00037	0.000153	0.107	0.00000252	0.000317	0.00047	0.00161	0.000487
2051 May	0.00028	0.000198	0.0012	0.0712	0.00000755	2.02	4.3	0.0336	0.000586	26.2	0.00256	0.0301	0.00015	0.000371	0.000153	0.107	0.00000252	0.000318	0.000471	0.00161	0.00049
2051 Jun	0.000278	0.0002	0.00118	0.0731	0.00000763	1.98	4.19	0.0338	0.000565	24.6	0.0025	0.0319	0.000157	0.000364	0.000149	0.106	0.00000246	0.000306	0.000477	0.00161	0.000474
2051 Jul	0.000277	0.000199	0.00116	0.0736	0.00000765	1.96	4.13	0.0336	0.000555	24	0.00246	0.0328	0.000158	0.000359	0.000147	0.105	0.00000245	0.000302	0.000477	0.00161	0.000463
2051 Aug	0.000278	0.000199	0.00117	0.0736	0.00000766	1.96	4.14	0.0336	0.000558	24	0.00247	0.0329	0.000158	0.00036	0.000148	0.105	0.00000245	0.000303	0.000477	0.00161	0.000467
2051 Sep	0.000277	0.000199	0.00117	0.0736	0.00000767	1.96	4.14	0.0336	0.000557	23.8	0.00247	0.0331	0.000158	0.00036	0.000147	0.105	0.00000244	0.000303	0.000477	0.00161	0.000468
2051 Oct	0.000275	0.000197	0.00116	0.0736	0.00000767	1.94	4.09	0.0332	0.000552	23.3	0.00244	0.0339	0.000156	0.000355	0.000146	0.104	0.00000242	0.000299	0.000473	0.0016	0.000462
2051 Nov	0.000275	0.000197	0.00116	0.0736	0.00000767	1.94	4.09	0.0332	0.000552	23.2	0.00244	0.034	0.000156	0.000355	0.000146	0.104	0.00000241	0.000299	0.000473	0.0016	0.000462
2051 Dec	0.000275	0.000197	0.00116	0.0736	0.00000767	1.94	4.09	0.0332	0.000552	23.2	0.00244	0.034	0.000156	0.000355	0.000146	0.104	0.00000241	0.000299	0.000473	0.0016	0.000463
2052 Jan	0.000275	0.000197	0.00116	0.0736	0.00000767	1.94	4.09	0.0332	0.000552	23.2	0.00244	0.034	0.000156	0.000355	0.000146	0.104	0.00000241	0.000299	0.000473	0.0016	0.000463
2052 Feb	0.000275	0.000197	0.00116	0.0736	0.00000767	1.94	4.09	0.0332	0.000552	23.2	0.00244	0.034	0.000156	0.000355	0.000146	0.104	0.00000241	0.000299	0.000473	0.0016	0.000463
2052 Mar	0.000275	0.000197	0.00116	0.0736	0.00000767	1.94	4.09	0.0332	0.000552	23.2	0.00244	0.034	0.000156	0.000355	0.000146	0.104	0.00000241	0.000299	0.000473	0.0016	0.000463
2052 Apr	0.000275	0.000197	0.00116	0.0736	0.00000767	1.94	4.09	0.0332	0.000552	23.2	0.00244	0.034	0.000156	0.000355	0.000146	0.104	0.00000241	0.000299	0.000473	0.0016	0.000463
2052 May	0.000276	0.000198	0.00116	0.0738	0.00000768	1.94	4.09	0.0333	0.000552	23.2	0.00244	0.034	0.000157	0.000355	0.000146	0.104	0.00000241	0.000299	0.000474	0.0016	0.000462
2052 Jun	0.000275	0.000199	0.00115	0.0748	0.00000769	1.93	4.03	0.0334	0.000541	22.6	0.0024	0.0349	0.000161	0.000348	0.000143	0.104	0.00000239	0.000294	0.000475	0.0016	0.000449
2052 Jul	0.000275	0.000199	0.00115	0.075	0.00000771	1.93	4.03	0.0334	0.000542	22.5	0.0024	0.0351	0.000162	0.000348	0.000143	0.104	0.00000239	0.000294	0.000476	0.0016	0.00045
2052 Aug	0.000276	0.0002	0.00115	0.0751	0.00000772	1.93	4.05	0.0335	0.000544	22.5	0.00241	0.0351	0.000162	0.00035	0.000144	0.104	0.00000239	0.000295	0.000476	0.0016	0.000454
2052 Sep	0.000276	0.0002	0.00115	0.0752	0.00000773	1.94	4.06	0.0336	0.000546	22.4	0.00242	0.0352	0.000162	0.000351	0.000144	0.104	0.00000239	0.000295	0.000477	0.0016	0.000457
2052 Oct	0.000276	0.0002	0.00115	0.0752	0.00000774	1.94	4.07	0.0336	0.000547	22.4	0.00242	0.0353	0.000162	0.000352	0.000145	0.104	0.00000238	0.000296	0.000477	0.0016	0.00046
2052 Nov	0.000276	0.0002	0.00115	0.0752	0.00000774	1.94	4.07	0.0337	0.000548	22.4	0.00243	0.0353	0.000162	0.000353	0.000145	0.104	0.00000238	0.000296	0.000478	0.0016	0.000461
2052 Dec	0.000276	0.0002	0.00116	0.0752	0.00000774	1.94	4.07	0.0337	0.000548	22.4	0.00243	0.0353	0.000162	0.000353	0.000145	0.104	0.00000238	0.000296	0.000478	0.0016	0.000462
2053 Jan	0.000276	0.0002	0.00116	0.0752	0.00000774	1.94	4.07	0.0337	0.000548	22.4	0.00243	0.0353	0.000162	0.000353	0.000145	0.104	0.00000238	0.000296	0.000478	0.0016	0.000462
2053 Feb	0.000276	0.0002	0.00116	0.0752	0.00000774	1.94	4.07	0.0337	0.000548	22.4	0.00243	0.0353	0.000162	0.000353	0.000145	0.104	0.00000238	0.000296	0.000478	0.0016	0.000462
2053 Mar	0.000276	0.0002	0.00116	0.0752	0.00000774	1.94	4.07	0.0337	0.000548	22.4	0.00243	0.0353	0.000162	0.000353	0.000145	0.104	0.00000238	0.000296	0.000478	0.0016	0.000462
2053 Apr	0.000276	0.000201	0.00116	0.0753	0.00000774	1.94	4.07	0.0337	0.000548	22.4	0.00243	0.0353	0.000162	0.000353	0.000145	0.104	0.00000238	0.000296	0.000478	0.0016	0.000462
2053 May	0.000277	0.000203	0.00116	0.0758	0.00000776	1.94	4.11	0.0341	0.00055	22.2	0.00245	0.0354	0.000164	0.000356	0.000146	0.105	0.00000238	0.000296	0.000482	0.00161	0.000469
2053 Jun	0.000277	0.000208	0.00115	0.0784	0.00000778	1.92	4.04	0.0349	0.000535	21.2	0.00239	0.0365	0.000177	0.000347	0.000143	0.105	0.00000234	0.000287	0.00049	0.0016	0.000452
2053 Jul	0.000278	0.000209	0.00115	0.0788	0.0000078	1.92	4.04	0.035	0.000534	21.1	0.00239	0.0368	0.000178	0.000346	0.000143	0.105	0.00000234	0.000287	0.000492	0.0016	0.000452
2053 Aug	0.000279	0.00021	0.00116	0.0789	0.00000782	1.93	4.07	0.0352	0.000538	21.2	0.00241	0.0369	0.000179	0.00035	0.000144	0.106	0.00000235	0.000289	0.000494	0.0016	0.000458
2053 Sep	0.00028	0.000211	0.00116	0.079	0.00000784	1.94	4.12	0.0355	0.000544	21.3	0.00244	0.0369	0.000179	0.000354	0.000146	0.107	0.00000235	0.000291	0.000497	0.00161	0.000469
2053 Oct	0.00028	0.000212	0.00117	0.0789	0.00000784	1.94	4.14	0.0356	0.000547	21.3	0.00246	0.0369	0.000179	0.000357	0.000147	0.107	0.00000235	0.000292	0.000498	0.00161	0.000476
2053 Nov	0.00028	0.000212	0.00117	0.0789	0.00000784	1.95	4.15	0.0356	0.000548	21.3	0.00246	0.0369	0.000178	0.000358	0.000147	0.107	0.00000235	0.000292	0.000498	0.00161	0.000478
2053 Dec	0.00028	0.000212	0.00117	0.0789	0.00000784	1.95	4.15	0.0357	0.000548	21.3	0.00246	0.0368	0.000178	0.000358	0.000148	0.107	0.00000235	0.000292	0.000498	0.00161	0.000478
2054 Jan	0.00028	0.000212	0.00117	0.0789	0.00000784	1.95	4.15	0.0357	0.000548	21.3	0.00246	0.0368	0.000178	0.000358	0.000148	0.107	0.00000235	0.000292	0.000498	0.00161	0.000478
2054 Feb	0.00028	0.000212	0.00117	0.0789	0.00000784	1.95	4.15	0.0357	0.000548	21.3	0.00246	0.0369	0.000178	0.000358	0.000148	0.107	0.00000235	0.000292	0.000498	0.00161	0.000478
2054 Mar	0.00028	0.000212	0.00117	0.0789	0.00000784	1.95	4.15	0.0357	0.000548	21.3	0.00246	0.0369	0.000178	0.000358	0.000148	0.107	0.00000235	0.000292	0.000498	0.00161	0.000478
2054 Apr	0.00028	0.000212	0.00117	0.079	0.00000785	1.95	4.15	0.0357	0.000548	21.3	0.00246	0.0369	0.000179	0.000358	0.000148	0.107	0.00000235	0.000292	0.000499	0.00161	0.000478
2054 May	0.00028	0.000212	0.00117	0.0791	0.00000785	1.95	4.16	0.0357	0.000549	21.3	0.00247	0.0369	0.000179	0.000358	0.000148	0.107	0.00000235	0.000292	0.000499	0.00161	0.000479
2054 Jun	0.000281	0.000216	0.00116	0.0807	0.00000788	1.94	4.11	0.0362	0.000539	20.8	0.00243	0.0372	0.000187	0.000353	0.000146	0.107	0.00000233	0.000288	0.000505	0.00161	0.000466
2054 Jul	0.000281	0.000217	0.00116	0.0814	0.00000789	1.93	4.09	0.0364	0.000533	20.5	0.00241	0.0375	0.00019	0.00035	0.000145	0.107	0.00000232	0.000286	0.000507	0.00161	0.000461
2054 Aug	0.000282	0.000217	0.00116	0.0814	0.00000791	1.94	4.1	0.0365	0.000536	20.5	0.00242	0.0375	0.00019	0.000352	0.000145	0.107	0.00000232	0.000287	0.000508	0.00161	0.000465
2054 Sep	0.000282	0.000217	0.00116	0.0815	0.00000792	1.94	4.11	0.0366	0.000537	20.4	0.00243	0.0376	0.00019	0.000353	0.000146	0.108	0.00000232	0.000287	0.000509	0.00161	0.000468
2054 Oct	0.000282	0.000217	0.00116	0.0817	0.00000792	1.94	4.11	0.0366	0.000536	20.3	0.00242	0.0377	0.000191	0.000352	0.000145	0.108	0.00000232	0.000287	0.000509	0.00161	0.000467
2054 Nov	0.000282	0.000218	0.00116	0.0817	0.00000792	1.94	4.1	0.0366	0.000536	20.3	0.00242	0.0377	0.000191	0.000351	0.000145	0.108	0.00000231	0.000286	0.000509	0.00161	0.000466
2054 Dec	0.000282	0.000218	0.00116	0.0817	0.00000792	1.94	4.1	0.0366	0.000536	20.3	0.00242	0.0377	0.000191	0.000351	0.000145	0.108	0.00000231	0.000286	0.000509	0.00161	0.000467
2055 Jan	0.000282	0.000218	0.00116	0.0817	0.00000792	1.94	4.1	0.0366	0.000536	20.3	0.00242	0.0377	0.000191	0.000351	0.000145	0.108	0.00000231	0.000286	0.000509	0.00161	0.000467
2055 Feb	0.000282	0.000218	0.00116	0.0817	0.00000792	1.94	4.1	0.0366	0.000536	20.3	0.00242	0.0377	0.000191	0.000351	0.000145	0.108	0.00000231	0.000286	0.000509	0.00161	0.000467

Appendix C.3-4: FZONE Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	**-**	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2055 Mar	0.000282	0.000218	0.00116	0.0817	0.00000792	1.94	4.1	0.0366	0.000536	20.3	0.00242	0.0377	0.000191	0.000351	0.000145	0.108	0.00000231	0.000286	0.000509	0.00161	0.000467
2055 Apr	0.000282	0.000218	0.00116	0.0817	0.00000792	1.94	4.11	0.0366	0.000536	20.3	0.00242	0.0377	0.000191	0.000352	0.000145	0.108	0.00000231	0.000286	0.000509	0.00161	0.000467
2055 May	0.000282	0.000218	0.00116	0.0818	0.00000793	1.94	4.11	0.0366	0.000536	20.3	0.00243	0.0378	0.000191	0.000352	0.000145	0.108	0.00000232	0.000287	0.000509	0.00161	0.000467
2055 Jun	0.000279	0.000215	0.00114	0.082	0.00000794	1.9	3.99	0.036	0.000519	19.4	0.00236	0.0385	0.000191	0.000342	0.000141	0.106	0.00000229	0.000279	0.000506	0.00161	0.000448
2055 Jul	0.000278	0.000213	0.00113	0.0821	0.00000795	1.89	3.92	0.0356	0.00051	18.9	0.00231	0.039	0.00019	0.000336	0.000138	0.105	0.00000227	0.000275	0.000503	0.00161	0.000435
2055 Aug	0.000279	0.000214	0.00113	0.0822	0.00000797	1.89	3.93	0.0357	0.000512	19	0.00232	0.039	0.000191	0.000338	0.000139	0.105	0.00000227	0.000276	0.000504	0.00161	0.000438
2055 Sep	0.000279	0.000214	0.00113	0.0822	0.00000797	1.9	3.95	0.0358	0.000514	19	0.00233	0.039	0.00019	0.000339	0.00014	0.105	0.00000227	0.000277	0.000504	0.00161	0.000442
2055 Oct	0.000279	0.000214	0.00113	0.0822	0.00000798	1.9	3.95	0.0358	0.000515	19	0.00234	0.039	0.00019	0.00034	0.00014	0.105	0.00000227	0.000277	0.000505	0.00161	0.000445
2055 Nov	0.000279	0.000214	0.00113	0.0822	0.00000798	1.9	3.96	0.0358	0.000516	19	0.00234	0.039	0.00019	0.000341	0.00014	0.105	0.00000227	0.000278	0.000505	0.00161	0.000446
2055 Dec	0.000279	0.000214	0.00113	0.0822	0.00000798	1.9	3.96	0.0358	0.000516	19	0.00234	0.039	0.00019	0.000341	0.00014	0.105	0.00000227	0.000278	0.000505	0.00161	0.000447
2056 Jan	0.000279	0.000214	0.00113	0.0822	0.00000798	1.9	3.96	0.0359	0.000516	19	0.00234	0.039	0.00019	0.000341	0.00014	0.105	0.00000227	0.000278	0.000505	0.00161	0.000447
2056 Feb	0.000279	0.000214	0.00113	0.0822	0.00000798	1.9	3.96	0.0359	0.000516	19	0.00234	0.039	0.00019	0.000341	0.00014	0.105	0.00000227	0.000278	0.000505	0.00161	0.000447
2056 Mar	0.000279	0.000214	0.00113	0.0822	0.00000798	1.9	3.96	0.0359	0.000516	19	0.00234	0.039	0.00019	0.000341	0.00014	0.105	0.00000227	0.000278	0.000505	0.00161	0.000447
2056 Apr	0.000279	0.000214	0.00113	0.0822	0.00000798	1.9	3.96	0.0359	0.000516	19	0.00234	0.039	0.00019	0.000341	0.00014	0.105	0.00000227	0.000278	0.000505	0.00161	0.000447
2056 May	0.00028	0.000215	0.00113	0.0825	0.00000799	1.9	3.96	0.036	0.000515	19	0.00234	0.0391	0.000192	0.00034	0.00014	0.105	0.00000227	0.000277	0.000507	0.00161	0.000446
2056 Jun	0.00028	0.000218	0.00112	0.0842	0.000008	1.88	3.89	0.0364	0.000501	18.3	0.00228	0.0395	0.0002	0.000332	0.000137	0.105	0.00000225	0.000271	0.000512	0.00161	0.000426
2056 Jul	0.000281	0.000219	0.00112	0.0845	0.00000802	1.89	3.9	0.0365	0.000502	18.3	0.00229	0.0396	0.000201	0.000332	0.000137	0.105	0.00000226	0.000272	0.000514	0.00161	0.000428
2056 Aug	0.000281	0.000219	0.00113	0.0846	0.00000803	1.89	3.92	0.0366	0.000505	18.4	0.0023	0.0397	0.000201	0.000334	0.000138	0.106	0.00000226	0.000273	0.000515	0.00161	0.000433
2056 Sep	0.000282	0.00022	0.00113	0.0847	0.00000805	1.9	3.94	0.0368	0.000507	18.4	0.00231	0.0397	0.000201	0.000336	0.000139	0.106	0.00000226	0.000274	0.000516	0.00162	0.000437
2056 Oct	0.000282	0.00022	0.00113	0.0846	0.00000805	1.9	3.95	0.0368	0.000509	18.4	0.00232	0.0396	0.000201	0.000338	0.000139	0.106	0.00000226	0.000275	0.000516	0.00162	0.000442
2056 Nov	0.000282	0.00022	0.00113	0.0846	0.00000805	1.9	3.96	0.0369	0.00051	18.4	0.00233	0.0396	0.000201	0.000338	0.00014	0.106	0.00000226	0.000275	0.000516	0.00162	0.000444
2056 Dec	0.000282	0.00022	0.00113	0.0846	0.00000805	1.9	3.96	0.0369	0.00051	18.4	0.00233	0.0396	0.000201	0.000338	0.00014	0.106	0.00000226	0.000275	0.000517	0.00162	0.000445
2057 Jan	0.000282	0.00022	0.00113	0.0846	0.00000805	1.9	3.96	0.0369	0.00051	18.4	0.00233	0.0396	0.000201	0.000338	0.00014	0.106	0.00000226	0.000275	0.000517	0.00162	0.000445
2057 Feb	0.000282	0.00022	0.00113	0.0846	0.00000805	1.9	3.96	0.0369	0.00051	18.4	0.00233	0.0396	0.000201	0.000338	0.00014	0.106	0.00000226	0.000275	0.000517	0.00162	0.000445
2057 Mar	0.000282	0.00022	0.00113	0.0846	0.00000805	1.9	3.96	0.0369	0.00051	18.4	0.00233	0.0396	0.000201	0.000338	0.00014	0.106	0.00000226	0.000275	0.000517	0.00162	0.000445
2057 Apr	0.000282	0.00022	0.00113	0.0847	0.00000805	1.9	3.96	0.0369	0.00051	18.4	0.00233	0.0397	0.000201	0.000339	0.00014	0.106	0.00000226	0.000275	0.000517	0.00162	0.000445
2057 May	0.000282	0.000221	0.00113	0.0848	0.00000806	1.9	3.96	0.0369	0.000511	18.4	0.00233	0.0397	0.000202	0.000339	0.00014	0.106	0.00000226	0.000275	0.000517	0.00162	0.000445
2057 Jun	0.000283	0.000223	0.00112	0.0865	0.00000809	1.89	3.88	0.0372	0.000496	17.7	0.00227	0.0399	0.000209	0.00033	0.000137	0.106	0.00000224	0.000269	0.000522	0.00162	0.000424
2057 Jul	0.000283	0.000224	0.00112	0.0868	0.00000811	1.89	3.88	0.0373	0.000495	17.6	0.00227	0.04	0.000211	0.000329	0.000136	0.106	0.00000224	0.000268	0.000523	0.00162	0.000422
2057 Aug	0.000284	0.000225	0.00112	0.087	0.00000813	1.89	3.9	0.0375	0.000498	17.7	0.00228	0.0401	0.000211	0.000331	0.000137	0.106	0.00000225	0.00027	0.000525	0.00163	0.000427
2057 Sep	0.000285	0.000225	0.00113	0.0871	0.00000815	1.9	3.93	0.0376	0.000501	17.7	0.0023	0.0401	0.000211	0.000334	0.000138	0.107	0.00000225	0.000271	0.000527	0.00163	0.000435
2057 Oct	0.000285	0.000226	0.00113	0.087	0.00000815	1.9	3.95	0.0377	0.000504	17.7	0.00232	0.0401	0.000211	0.000337	0.000139	0.107	0.00000225	0.000272	0.000528	0.00163	0.000443
2057 Nov	0.000285	0.000226	0.00113	0.087	0.00000815	1.9	3.96	0.0378	0.000505	17.7	0.00232	0.0401	0.000211	0.000338	0.000139	0.107	0.00000225	0.000272	0.000528	0.00163	0.000444
2057 Dec	0.000285	0.000226	0.00113	0.087	0.00000815	1.9	3.96	0.0378	0.000505	17.7	0.00232	0.0401	0.000211	0.000338	0.000139	0.107	0.00000225	0.000273	0.000528	0.00163	0.000445
2058 Jan	0.000285	0.000226	0.00113	0.087	0.00000815	1.9	3.96	0.0378	0.000505	17.7	0.00232	0.0401	0.000211	0.000338	0.000139	0.107	0.00000225	0.000273	0.000528	0.00163	0.000445
2058 Feb	0.000285	0.000226	0.00113	0.087	0.00000815	1.9	3.96	0.0378	0.000505	17.7	0.00232	0.0401	0.000211	0.000338	0.000139	0.107	0.00000225	0.000273	0.000528	0.00163	0.000445
2058 Mar	0.000285	0.000226	0.00113	0.087	0.00000815	1.9	3.96	0.0378	0.000505	17.7	0.00232	0.0401	0.000211	0.000338	0.000139	0.107	0.00000225	0.000273	0.000528	0.00163	0.000445
2058 Apr	0.000285	0.000226	0.00113	0.087	0.00000815	1.9	3.96	0.0378	0.000505	17.7	0.00232	0.0401	0.000211	0.000338	0.00014	0.107	0.00000225	0.000273	0.000528	0.00163	0.000445
2058 May	0.000286	0.000228	0.00114	0.0874	0.00000817	1.91	4	0.0382	0.000509	17.7	0.00235	0.0401	0.000213	0.000341	0.000141	0.108	0.00000225	0.000273	0.000532	0.00163	0.000455
2058 Jun	0.000289	0.000237	0.00114	0.0907	0.0000082	1.91	3.99	0.0398	0.000498	17	0.00232	0.0402	0.00023	0.000338	0.00014	0.109	0.00000222	0.000267	0.00055	0.00163	0.000449
2058 Jul	0.000289	0.000238	0.00114	0.0912	0.00000821	1.91	3.99	0.0399	0.000496	16.9	0.00232	0.0404	0.000233	0.000337	0.00014	0.109	0.00000222	0.000267	0.000552	0.00164	0.000447
2058 Aug	0.00029	0.000239	0.00114	0.0913	0.00000823	1.91	4.01	0.0401	0.000499	16.9	0.00233	0.0404	0.000233	0.000339	0.000141	0.11	0.00000222	0.000268	0.000553	0.00164	0.000452
2058 Sep	0.00029	0.000239	0.00115	0.0913	0.00000824	1.92	4.03	0.0402	0.000502	16.9	0.00234	0.0403	0.000233	0.000341	0.000141	0.11	0.00000222	0.000269	0.000554	0.00164	0.000459
2058 Oct	0.000291	0.000239	0.00115	0.0912	0.00000824	1.92	4.05	0.0402	0.000504	16.9	0.00235	0.0403	0.000232	0.000343	0.000142	0.11	0.00000222	0.00027	0.000555	0.00164	0.000464
2058 Nov	0.000291	0.00024	0.00115	0.0912	0.00000824	1.92	4.05	0.0403	0.000505	16.9	0.00236	0.0403	0.000232	0.000343	0.000142	0.11	0.00000222	0.00027	0.000555	0.00164	0.000465
2058 Dec	0.000291	0.00024	0.00115	0.0912	0.00000824	1.92	4.05	0.0403	0.000505	16.9	0.00236	0.0403	0.000232	0.000343	0.000142	0.11	0.00000222	0.00027	0.000555	0.00164	0.000465
2059 Jan	0.000291	0.00024	0.00115	0.0912	0.00000824	1.92	4.05	0.0403	0.000505	16.9	0.00236	0.0403	0.000232	0.000343	0.000142	0.11	0.00000222	0.00027	0.000555	0.00164	0.000466
2059 Feb	0.000291	0.00024	0.00115	0.0912	0.00000824	1.92	4.05	0.0403	0.000505	16.9	0.00236	0.0403	0.000232	0.000343	0.000142	0.11	0.00000222	0.00027	0.000555	0.00164	0.000466
2059 Mar	0.000291	0.00024	0.00115	0.0912	0.00000824	1.92	4.05	0.0403	0.000505	16.9	0.00236	0.0403	0.000232	0.000343	0.000142	0.11	0.00000222	0.00027	0.000555	0.00164	0.000466
2059 Apr	0.000291	0.00024	0.00115	0.0913	0.00000824	1.92	4.05	0.0403	0.000505	16.9	0.00236	0.0403	0.000232	0.000343	0.000142	0.11	0.00000222	0.00027	0.000555	0.00164	0.000466
2059 May	0.000291	0.00024	0.00115	0.0915	0.00000825	1.92	4.06	0.0404	0.000505	16.9	0.00236	0.0404	0.000234	0.000344	0.000142	0.111	0.00000222	0.00027	0.000556	0.00164	0.000467
2059 Jun	0.000293	0.000244	0.00115	0.0929	0.00000827	1.92	4.05	0.041	0.0005	16.7	0.00234	0.0404	0.000241	0.000341	0.000142	0.111	0.00000221	0.000268	0.000563	0.00164	0.00046
2059 Jul	0.000294	0.000245	0.00115	0.0932	0.0000083	1.93	4.06	0.0412	0.000502	16.7	0.00235	0.0405	0.000242	0.000342	0.000142	0.112	0.00000222	0.000269	0.000565	0.00165	0.000463
2059 Aug	0.000294	0.000246	0.00116	0.0935	0.00000832	1.94	4.08	0.0413	0.000505	16.7	0.00237	0.0406	0.000242	0.000344	0.000143	0.112	0.00000223	0.00027	0.000567	0.00165	0.000466
2059 Sep	0.000295	0.000246	0.00116	0.0935	0.00000833	1.94	4.1	0.0414	0.000507	16.8	0.00238	0.0406	0.000242	0.000346	0.000144	0.112	0.00000223	0.000271	0.000567	0.00165	0.000471
2059 Oct	0.000295	0.000246	0.00116	0.0934	0.00000833	1.94	4.11	0.0414	0.000509	16.7	0.00238	0.0405	0.000242	0.000346	0.000144	0.112	0.00000222	0.000272	0.000567	0.00165	0.000475
2059 Nov	0.000295	0.000246	0.00116	0.0934	0.00000833	1.94	4.11	0.0414	0.00051	16.7	0.00238	0.0405	0.000242	0.000347	0.000144	0.112	0.00000222	0.000272	0.000567	0.00165	0.000477
2059 Dec	0.000295	0.000246	0.00116	0.0934	0.00000833	1.94	4.11	0.0414	0.00051	16.7	0.00239	0.0405	0.000242	0.000347	0.000144	0.112	0.00000222	0.000272	0.000567	0.00165	0.000478
2060 Jan	0.000295	0.000246	0.00116	0.0934	0.00000833	1.94	4.11	0.0414	0.00051	16.7	0.00239	0.0405	0.000242	0.000347	0.000144	0.112	0.00000222	0.000272	0.000567	0.00165	0.000478
2060 Feb	0.000295	0.000246	0.00116	0.0934	0.00000833	1.94	4.11	0.0414	0.00051	16.7	0.00239	0.0405	0.000242	0.000347	0.000144	0.112	0.00000222	0.000272	0.000567	0.00165	0.000478
2060 Mar	0.000295	0.000246	0.00116	0.0934	0.00000833	1.94	4.11	0.0414	0.00051	16.7	0.00239	0.0405	0.000242	0.000347	0.000144	0.112	0.00000222	0.000272	0.000567	0.00165	0.000478
2060 Apr	0.000295	0.000246	0.00116	0.0935	0.00000833	1.94	4.11	0.0414	0.00051	16.7	0.00239	0.0405	0.000242	0.000347	0.000144	0.112	0.00000222	0.000272	0.000567	0.00165	0.000478
2060 May	0.000296	0.000248	0.00116	0.0942	0.00000835	1.94	4.12	0.0418	0.00051	16.6	0.00239	0.0404	0.000245	0.000347	0.000144	0.113	0.00000222	0.000271	0.000571	0.00165	0.000478
2060 Jun	0.000299	0.000256	0.00116	0.0972	0.00000839	1.94	4.08	0.0429	0.000499	16.2	0.00234	0.0404	0.00026	0.000339	0.000142	0.114	0.00000221	0.000266	0.000583	0.00165	0.000457
2060 Jul	0.0003	0.000257	0.00116	0.0977	0.00000842	1.95	4.09	0.0431	0.000499	16.2	0.00235	0.0405	0.000261	0.000339	0.000142	0.114	0.00000222	0.000266	0.000586	0.00166	0.000458

Appendix C.3-4: FZONE Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2060 Aug	0.000301	0.000257	0.00116	0.0978	0.00000844	1.95	4.11	0.0432	0.000502	16.2	0.00236	0.0405	0.000261	0.000341	0.000143	0.114	0.00000222	0.000268	0.000587	0.00166	0.000463
2060 Sep	0.000301	0.000257	0.00117	0.0977	0.00000844	1.95	4.12	0.0433	0.000504	16.1	0.00236	0.0404	0.000261	0.000342	0.000143	0.114	0.00000221	0.000268	0.000586	0.00166	0.000468
2060 Oct	0.000301	0.000258	0.00117	0.0977	0.00000845	1.96	4.14	0.0433	0.000506	16.1	0.00237	0.0404	0.000261	0.000343	0.000144	0.115	0.00000221	0.000269	0.000587	0.00166	0.000473
2060 Nov	0.000301	0.000258	0.00117	0.0978	0.00000845	1.95	4.14	0.0434	0.000506	16.1	0.00237	0.0404	0.000261	0.000343	0.000144	0.115	0.00000221	0.000268	0.000587	0.00166	0.000473
2060 Dec	0.000301	0.000258	0.00117	0.0978	0.00000845	1.96	4.14	0.0434	0.000507	16.1	0.00237	0.0404	0.000261	0.000343	0.000144	0.115	0.00000221	0.000268	0.000587	0.00166	0.000474
2061 Jan	0.000301	0.000258	0.00117	0.0978	0.00000845	1.96	4.14	0.0434	0.000507	16.1	0.00237	0.0404	0.000261	0.000343	0.000144	0.115	0.00000221	0.000268	0.000587	0.00166	0.000474
2061 Feb	0.000301	0.000258	0.00117	0.0978	0.00000845	1.96	4.14	0.0434	0.000507	16.1	0.00237	0.0404	0.000261	0.000343	0.000144	0.115	0.00000221	0.000268	0.000587	0.00166	0.000474
2061 Mar	0.000301	0.000258	0.00117	0.0978	0.00000845	1.96	4.14	0.0434	0.000507	16.1	0.00237	0.0404	0.000261	0.000343	0.000144	0.115	0.00000221	0.000268	0.000587	0.00166	0.000474
2061 Apr	0.000301	0.000258	0.00117	0.0978	0.00000845	1.96	4.14	0.0434	0.000507	16.1	0.00238	0.0404	0.000261	0.000343	0.000144	0.115	0.00000221	0.000269	0.000587	0.00166	0.000475
2061 May	0.000302	0.000261	0.00117	0.0988	0.00000847	1.96	4.14	0.0438	0.000506	15.9	0.00237	0.0404	0.000266	0.000342	0.000144	0.115	0.00000221	0.000267	0.000592	0.00166	0.000474
2061 Jun	0.000304	0.000267	0.00116	0.101	0.00000846	1.95	4.09	0.0448	0.000494	15.4	0.00232	0.0406	0.00028	0.000332	0.000141	0.116	0.00000219	0.000261	0.0006	0.00164	0.000452
2061 Jul	0.000305	0.000268	0.00116	0.102	0.00000849	1.96	4.1	0.045	0.000495	15.4	0.00232	0.0407	0.000281	0.000333	0.000142	0.116	0.00000219	0.000262	0.000602	0.00165	0.000454
2061 Aug	0.000306	0.000269	0.00117	0.102	0.00000851	1.96	4.12	0.0451	0.000497	15.5	0.00233	0.0408	0.000281	0.000335	0.000142	0.116	0.0000022	0.000264	0.000604	0.00165	0.000458
2061 Sep	0.000306	0.00027	0.00117	0.102	0.00000852	1.97	4.14	0.0452	0.0005	15.5	0.00235	0.0408	0.000281	0.000337	0.000143	0.117	0.0000022	0.000265	0.000605	0.00165	0.000465
2061 Oct	0.000306	0.000269	0.00117	0.102	0.00000851	1.97	4.16	0.0452	0.000503	15.5	0.00236	0.0407	0.00028	0.000339	0.000144	0.117	0.00000219	0.000266	0.000605	0.00165	0.000473
2061 Nov	0.000306	0.00027	0.00117	0.102	0.00000851	1.97	4.16	0.0453	0.000504	15.4	0.00236	0.0406	0.00028	0.000339	0.000144	0.117	0.00000219	0.000266	0.000605	0.00165	0.000476
2061 Dec	0.000306	0.00027	0.00117	0.102	0.00000851	1.97	4.17	0.0453	0.000504	15.4	0.00236	0.0406	0.00028	0.000339	0.000144	0.117	0.00000219	0.000266	0.000605	0.00165	0.000476
2062 Jan	0.000306	0.00027	0.00117	0.102	0.00000851	1.97	4.17	0.0453	0.000504	15.4	0.00237	0.0406	0.00028	0.000339	0.000144	0.117	0.00000219	0.000266	0.000605	0.00165	0.000476
2062 Feb	0.000306	0.00027	0.00117	0.102	0.00000851	1.97	4.17	0.0453	0.000504	15.4	0.00237	0.0406	0.00028	0.000339	0.000144	0.117	0.00000219	0.000266	0.000605	0.00165	0.000477
2062 Mar	0.000306	0.00027	0.00117	0.102	0.00000851	1.97	4.17	0.0453	0.000504	15.4	0.00237	0.0406	0.00028	0.000339	0.000144	0.117	0.00000219	0.000266	0.000605	0.00165	0.000477
2062 Apr	0.000306	0.00027	0.00117	0.102	0.00000852	1.97	4.17	0.0453	0.000504	15.4	0.00237	0.0407	0.00028	0.000339	0.000144	0.117	0.00000219	0.000266	0.000605	0.00165	0.000477
2062 May	0.000306	0.00027	0.00118	0.102	0.00000852	1.97	4.17	0.0453	0.000505	15.5	0.00237	0.0407	0.00028	0.00034	0.000144	0.117	0.00000219	0.000266	0.000605	0.00165	0.000477
2062 Jun	0.000305	0.000267	0.00116	0.102	0.00000853	1.95	4.09	0.0448	0.000495	15.1	0.00232	0.0407	0.000279	0.000333	0.000141	0.116	0.00000219	0.000262	0.000602	0.00165	0.000459
2062 Jul	0.000304	0.000266	0.00115	0.102	0.00000853	1.94	4.03	0.0444	0.000488	14.9	0.00228	0.0408	0.000278	0.000328	0.000139	0.115	0.00000218	0.000259	0.000599	0.00165	0.000447
2062 Aug	0.000304	0.000266	0.00115	0.102	0.00000855	1.95	4.04	0.0444	0.00049	14.9	0.00229	0.0408	0.000278	0.000329	0.00014	0.115	0.00000218	0.000261	0.000599	0.00165	0.000452
2062 Sep	0.000304	0.000265	0.00115	0.101	0.00000855	1.94	4.04	0.0443	0.000491	14.8	0.00229	0.0407	0.000277	0.000329	0.00014	0.115	0.00000218	0.000261	0.000598	0.00165	0.000455
2062 Oct	0.000302	0.000262	0.00114	0.101	0.00000852	1.93	4	0.0438	0.000489	14.5	0.00227	0.0408	0.000273	0.000325	0.000138	0.114	0.00000217	0.000259	0.000591	0.00164	0.000452
2062 Nov	0.000302	0.000262	0.00114	0.101	0.00000852	1.93	4	0.0437	0.00049	14.5	0.00227	0.0408	0.000272	0.000325	0.000138	0.114	0.00000217	0.000259	0.00059	0.00164	0.000453
2062 Dec	0.000302	0.000262	0.00114	0.101	0.00000852	1.93	4	0.0437	0.00049	14.5	0.00227	0.0408	0.000272	0.000325	0.000138	0.114	0.00000217	0.000259	0.00059	0.00164	0.000453
2063 Jan	0.000302	0.000262	0.00114	0.101	0.00000852	1.93	4	0.0438	0.00049	14.5	0.00227	0.0408	0.000272	0.000326	0.000138	0.114	0.00000217	0.000259	0.00059	0.00164	0.000454
2063 Feb	0.000302	0.000262	0.00114	0.101	0.00000852	1.93	4	0.0438	0.00049	14.5	0.00227	0.0408	0.000272	0.000326	0.000138	0.114	0.00000217	0.000259	0.00059	0.00164	0.000454
2063 Mar	0.000302	0.000262	0.00114	0.101	0.00000852	1.93	4	0.0438	0.00049	14.5	0.00227	0.0408	0.000272	0.000326	0.000138	0.114	0.00000217	0.000259	0.00059	0.00164	0.000454
2063 Apr	0.000302	0.000262	0.00115	0.101	0.00000852	1.93	4	0.0438	0.00049	14.5	0.00227	0.0408	0.000272	0.000326	0.000138	0.114	0.00000217	0.000259	0.000591	0.00164	0.000454
2063 May	0.000302	0.000263	0.00114	0.101	0.00000852	1.93	4	0.0438	0.000489	14.5	0.00227	0.0409	0.000273	0.000325	0.000138	0.114	0.00000217	0.000259	0.000591	0.00164	0.000451
2063 Jun	0.000299	0.000263	0.00111	0.102	0.00000841	1.9	3.84	0.0437	0.000468	13.9	0.00216	0.0411	0.00028	0.000307	0.000132	0.112	0.00000214	0.00025	0.000588	0.00161	0.000411
2063 Jul	0.000299	0.000262	0.00111	0.101	0.00000838	1.9	3.81	0.0435	0.000465	13.7	0.00214	0.0413	0.00028	0.000304	0.000131	0.112	0.00000213	0.000249	0.000585	0.0016	0.000405
2063 Aug	0.0003	0.000263	0.00111	0.102	0.0000084	1.9	3.83	0.0436	0.000467	13.8	0.00215	0.0414	0.00028	0.000306	0.000132	0.112	0.00000213	0.000251	0.000587	0.00161	0.00041
2063 Sep	0.0003	0.000263	0.00111	0.101	0.00000841	1.91	3.85	0.0437	0.00047	13.8	0.00216	0.0413	0.00028	0.000308	0.000132	0.113	0.00000213	0.000252	0.000587	0.00161	0.000418
2063 Oct	0.0003	0.000263	0.00112	0.101	0.00000841	1.91	3.87	0.0437	0.000472	13.8	0.00217	0.0413	0.000279	0.000309	0.000133	0.113	0.00000213	0.000252	0.000587	0.00161	0.000424
2063 Nov	0.0003	0.000263	0.00112	0.101	0.00000841	1.91	3.87	0.0437	0.000473	13.8	0.00217	0.0413	0.000279	0.00031	0.000133	0.113	0.00000213	0.000253	0.000587	0.00161	0.000426
2063 Dec	0.0003	0.000263	0.00112	0.101	0.00000841	1.91	3.87	0.0437	0.000473	13.8	0.00218	0.0413	0.000279	0.00031	0.000133	0.113	0.00000213	0.000253	0.000587	0.00161	0.000426
2064 Jan	0.0003	0.000263	0.00112	0.101	0.00000841	1.91	3.87	0.0437	0.000473	13.8	0.00218	0.0413	0.000279	0.00031	0.000133	0.113	0.00000213	0.000253	0.000587	0.00161	0.000426
2064 Feb	0.0003	0.000263	0.00112	0.101	0.00000841	1.91	3.87	0.0437	0.000473	13.8	0.00218	0.0413	0.000279	0.00031	0.000133	0.113	0.00000213	0.000253	0.000587	0.00161	0.000426
2064 Mar	0.0003	0.000263	0.00112	0.101	0.00000841	1.91	3.87	0.0437	0.000473	13.8	0.00218	0.0413	0.000279	0.00031	0.000133	0.113	0.00000213	0.000253	0.000587	0.00161	0.000427
2064 Apr	0.0003	0.000263	0.00112	0.101	0.00000841	1.91	3.87	0.0437	0.000473	13.8	0.00218	0.0413	0.000279	0.00031	0.000133	0.113	0.00000213	0.000253	0.000587	0.00161	0.000427
2064 May	0.0003	0.000264	0.00112	0.102	0.0000084	1.91	3.88	0.0439	0.000473	13.7	0.00218	0.0413	0.000281	0.00031	0.000133	0.113	0.00000213	0.000252	0.000589	0.00161	0.000428
2064 Jun	0.0003	0.000267	0.0011	0.103	0.00000832	1.9	3.82	0.0444	0.000462	13.3	0.00213	0.0412	0.000289	0.000302	0.000131	0.113	0.00000211	0.000248	0.000592	0.00159	0.000412
2064 Jul	0.0003	0.000268	0.0011	0.103	0.00000834	1.9	3.83	0.0445	0.000463	13.3	0.00213	0.0413	0.00029	0.000303	0.000131	0.113	0.00000211	0.000249	0.000593	0.00159	0.000415
2064 Aug	0.000301	0.000268	0.00111	0.103	0.00000835	1.91	3.85	0.0446	0.000466	13.4	0.00214	0.0413	0.00029	0.000305	0.000132	0.113	0.00000211	0.00025	0.000594	0.00159	0.000421
2064 Sep	0.000301	0.000268	0.00111	0.102	0.00000835	1.91	3.86	0.0446	0.000469	13.3	0.00216	0.0412	0.000289	0.000307	0.000133	0.114	0.00000211	0.000251	0.000594	0.00159	0.00043
2064 Oct	0.000301	0.000268	0.00111	0.102	0.00000835	1.91	3.88	0.0447	0.000471	13.3	0.00217	0.0412	0.000289	0.000308	0.000133	0.114	0.00000211	0.000251	0.000594	0.00159	0.000438
2064 Nov	0.000301	0.000268	0.00111	0.102	0.00000835	1.91	3.89	0.0447	0.000472	13.3	0.00217	0.0412	0.000289	0.000309	0.000134	0.114	0.00000211	0.000252	0.000594	0.00159	0.00044
2064 Dec	0.000301	0.000268	0.00111	0.102	0.00000835	1.91	3.89	0.0447	0.000472	13.3	0.00217	0.0412	0.000289	0.000309	0.000134	0.114	0.00000211	0.000252	0.000594	0.00159	0.00044
2065 Jan	0.000301	0.000268	0.00111	0.102	0.00000835	1.91	3.89	0.0447	0.000472	13.3	0.00217	0.0412	0.000289	0.000309	0.000134	0.114	0.00000211	0.000252	0.000594	0.00159	0.000441
2065 Feb	0.000301	0.000268	0.00111	0.102	0.00000835	1.91	3.89	0.0447	0.000472	13.3	0.00217	0.0412	0.000289	0.000309	0.000134	0.114	0.00000211	0.000252	0.000594	0.00159	0.000441
2065 Mar	0.000301	0.000268	0.00111	0.102	0.00000835	1.91	3.89	0.0447	0.000472	13.3	0.00217	0.0412	0.000289	0.000309	0.000134	0.114	0.00000211	0.000252	0.000594	0.00159	0.000441
2065 Apr	0.000301	0.000268	0.00112	0.102	0.00000835	1.91	3.89	0.0447	0.000472	13.3	0.00217	0.0412	0.000289	0.000309	0.000134	0.114	0.00000211	0.000252	0.000595	0.00159	0.000441
2065 May	0.000301	0.000269	0.00112	0.103	0.00000836	1.92	3.9	0.0449	0.000474	13.3	0.00218	0.0411	0.00029	0.00031	0.000134	0.114	0.00000211	0.000252	0.000596	0.00159	0.000446
2065 Jun	0.000301	0.000271	0.0011	0.104	0.00000831	1.91	3.84	0.0452	0.000464	13	0.00213	0.0409	0.000296	0.000302	0.000132	0.114	0.0000021	0.000248	0.000598	0.00158	0.000425
2065 Jul	0.000302	0.000272	0.0011	0.104	0.00000832	1.91	3.84	0.0453	0.000464	13	0.00213	0.0411	0.000297	0.000302	0.000132	0.114	0.0000021	0.000248	0.000599	0.00158	0.000426
2065 Aug	0.000303	0.000273	0.00111	0.104	0.00000834	1.92	3.87	0.0454	0.000467	13	0.00214	0.0411	0.000298	0.000304	0.000133	0.114	0.0000021	0.00025	0.0006	0.00158	0.000432
2065 Sep	0.000303	0.000272	0.00111	0.104	0.00000834	1.92	3.88	0.0455	0.00047	13	0.00216	0.041	0.000297	0.000306	0.000133	0.115	0.0000021	0.000251	0.0006	0.00158	0.000441
2065 Oct	0.000301	0.000271	0.00111	0.103	0.00000832	1.91	3.87	0.0451	0.000472	12.9	0.00215	0.0408	0.000294	0.000305	0.000133	0.114	0.00000209	0.000251	0.000596	0.00157	0.000444
2065 Nov	0.000301	0.00027	0.00111	0.103	0.00000831	1.91	3.87	0.0451	0.000472	12.9	0.00215	0.0408	0.000293	0.000304	0.000133	0.114	0.00000209	0.00025	0.000595	0.00157	0.000445
2065 Dec	0.000301	0.00027	0.00111	0.103	0.00000831	1.91	3.87	0.0451	0.000472	12.9	0.00215	0.0408	0.000293	0.000305	0.000133	0.114	0.00000209	0.00025	0.000595	0.00157	0.000445

Appendix C.3-4: FZONE Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	**-**	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2066 Jan	0.000301	0.00027	0.00111	0.103	0.00000831	1.91	3.87	0.0451	0.000472	12.9	0.00215	0.0408	0.000293	0.000305	0.000133	0.114	0.00000209	0.00025	0.000595	0.00157	0.000446
2066 Feb	0.000301	0.00027	0.00111	0.103	0.00000831	1.91	3.87	0.0451	0.000472	12.9	0.00215	0.0408	0.000293	0.000305	0.000133	0.114	0.00000209	0.00025	0.000595	0.00157	0.000446
2066 Mar	0.000301	0.000271	0.00111	0.103	0.00000831	1.91	3.87	0.0451	0.000472	12.9	0.00215	0.0408	0.000293	0.000305	0.000133	0.114	0.00000209	0.00025	0.000595	0.00157	0.000446
2066 Apr	0.000301	0.000271	0.00111	0.103	0.00000832	1.91	3.87	0.0451	0.000472	12.9	0.00215	0.0408	0.000293	0.000305	0.000133	0.114	0.00000209	0.000251	0.000595	0.00157	0.000446
2066 May	0.000301	0.000271	0.00111	0.103	0.00000832	1.91	3.87	0.0451	0.000473	12.9	0.00215	0.0408	0.000294	0.000305	0.000133	0.114	0.00000209	0.000251	0.000595	0.00157	0.000446
2066 Jun	0.000299	0.000268	0.00109	0.103	0.00000825	1.89	3.77	0.0444	0.000462	12.6	0.00208	0.0406	0.000292	0.000294	0.000129	0.113	0.00000208	0.000246	0.000588	0.00155	0.00042
2066 Jul	0.000299	0.000267	0.00109	0.103	0.00000826	1.89	3.76	0.0444	0.000463	12.5	0.00208	0.0406	0.000291	0.000294	0.000129	0.113	0.00000208	0.000247	0.000587	0.00156	0.00042
2066 Aug	0.0003	0.000268	0.00109	0.103	0.00000828	1.9	3.78	0.0445	0.000466	12.6	0.0021	0.0407	0.000292	0.000296	0.00013	0.113	0.00000209	0.000248	0.000589	0.00156	0.000426
2066 Sep	0.0003	0.000268	0.00109	0.103	0.00000829	1.9	3.8	0.0446	0.000468	12.6	0.00211	0.0406	0.000291	0.000298	0.00013	0.113	0.00000209	0.000249	0.000589	0.00156	0.000433
2066 Oct	0.0003	0.000268	0.0011	0.102	0.00000829	1.9	3.81	0.0446	0.000471	12.6	0.00212	0.0405	0.00029	0.0003	0.000131	0.113	0.00000208	0.00025	0.000588	0.00156	0.000442
2066 Nov	0.0003	0.000268	0.0011	0.102	0.00000829	1.9	3.82	0.0445	0.000472	12.6	0.00212	0.0405	0.00029	0.0003	0.000131	0.113	0.00000208	0.00025	0.000588	0.00156	0.000444
2066 Dec	0.0003	0.000268	0.0011	0.102	0.00000829	1.9	3.82	0.0446	0.000472	12.6	0.00212	0.0405	0.00029	0.0003	0.000131	0.113	0.00000208	0.00025	0.000588	0.00156	0.000444
2067 Jan	0.0003	0.000268	0.0011	0.102	0.00000829	1.9	3.82	0.0446	0.000472	12.6	0.00212	0.0405	0.00029	0.0003	0.000131	0.113	0.00000208	0.00025	0.000588	0.00156	0.000445
2067 Feb	0.0003	0.000268	0.0011	0.102	0.00000829	1.9	3.82	0.0446	0.000472	12.6	0.00212	0.0405	0.00029	0.0003	0.000131	0.113	0.00000208	0.00025	0.000588	0.00156	0.000445
2067 Mar	0.0003	0.000268	0.0011	0.102	0.00000829	1.9	3.82	0.0446	0.000472	12.6	0.00212	0.0405	0.00029	0.0003	0.000131	0.113	0.00000208	0.00025	0.000588	0.00156	0.000445
2067 Apr	0.0003	0.000268	0.0011	0.102	0.00000829	1.9	3.82	0.0446	0.000472	12.6	0.00212	0.0405	0.00029	0.0003	0.000131	0.113	0.00000208	0.00025	0.000589	0.00156	0.000445
2067 May	0.0003	0.000268	0.0011	0.103	0.0000083	1.91	3.82	0.0447	0.000472	12.6	0.00212	0.0405	0.000291	0.0003	0.000131	0.113	0.00000208	0.00025	0.00059	0.00156	0.000444
2067 Jun	0.000301	0.000269	0.00109	0.103	0.00000829	1.9	3.78	0.0448	0.000467	12.4	0.00209	0.0402	0.000294	0.000295	0.00013	0.113	0.00000208	0.000248	0.000591	0.00156	0.00043
2067 Jul	0.000302	0.00027	0.00109	0.104	0.00000832	1.91	3.8	0.0449	0.000469	12.4	0.0021	0.0403	0.000295	0.000297	0.00013	0.114	0.00000209	0.000249	0.000593	0.00156	0.000434
2067 Aug	0.000302	0.000271	0.0011	0.104	0.00000834	1.91	3.82	0.045	0.000472	12.4	0.00211	0.0403	0.000295	0.000299	0.000131	0.114	0.00000209	0.00025	0.000594	0.00156	0.000442
2067 Sep	0.000302	0.000271	0.0011	0.104	0.00000834	1.91	3.84	0.0451	0.000474	12.4	0.00212	0.0402	0.000295	0.0003	0.000132	0.114	0.00000209	0.000251	0.000594	0.00156	0.000448
2067 Oct	0.000302	0.00027	0.0011	0.103	0.00000834	1.91	3.84	0.045	0.000476	12.4	0.00213	0.0401	0.000294	0.000301	0.000132	0.114	0.00000209	0.000252	0.000593	0.00156	0.000453
2067 Nov	0.000302	0.00027	0.0011	0.103	0.00000835	1.91	3.85	0.045	0.000477	12.4	0.00213	0.0401	0.000294	0.000301	0.000132	0.114	0.00000209	0.000252	0.000593	0.00156	0.000456
2067 Dec	0.000302	0.00027	0.0011	0.103	0.00000835	1.91	3.85	0.045	0.000477	12.4	0.00213	0.0401	0.000294	0.000301	0.000132	0.114	0.00000209	0.000252	0.000593	0.00156	0.000456
2068 Jan	0.000302	0.00027	0.0011	0.103	0.00000835	1.91	3.85	0.045	0.000477	12.4	0.00213	0.0401	0.000294	0.000301	0.000132	0.114	0.00000209	0.000252	0.000593	0.00156	0.000456
2068 Feb	0.000302	0.00027	0.0011	0.103	0.00000835	1.91	3.85	0.045	0.000477	12.4	0.00213	0.0401	0.000294	0.000301	0.000132	0.114	0.00000209	0.000252	0.000593	0.00156	0.000456
2068 Mar	0.000302	0.00027	0.0011	0.103	0.00000835	1.92	3.85	0.045	0.000477	12.4	0.00213	0.0401	0.000294	0.000301	0.000132	0.114	0.00000209	0.000252	0.000593	0.00156	0.000457
2068 Apr	0.000302	0.000271	0.0011	0.103	0.00000835	1.92	3.85	0.0451	0.000477	12.4	0.00213	0.0401	0.000294	0.000302	0.000132	0.114	0.00000209	0.000252	0.000593	0.00156	0.000457
2068 May	0.000303	0.000271	0.0011	0.104	0.00000836	1.92	3.85	0.0452	0.000477	12.4	0.00213	0.04	0.000295	0.000301	0.000132	0.114	0.00000209	0.000252	0.000595	0.00156	0.000455
2068 Jun	0.000303	0.000274	0.00109	0.105	0.00000831	1.91	3.77	0.0456	0.000465	12	0.00206	0.0394	0.000304	0.00029	0.000129	0.114	0.00000208	0.000246	0.000598	0.00155	0.000424
2068 Jul	0.000303	0.000275	0.00109	0.105	0.00000832	1.91	3.78	0.0457	0.000467	12	0.00207	0.0394	0.000304	0.000291	0.000129	0.114	0.00000208	0.000248	0.000598	0.00155	0.000429
2068 Aug	0.000304	0.000275	0.00109	0.105	0.00000835	1.92	3.79	0.0458	0.00047	12.1	0.00208	0.0394	0.000305	0.000293	0.00013	0.115	0.00000208	0.000249	0.0006	0.00155	0.000434
2068 Sep	0.000305	0.000275	0.00109	0.105	0.00000835	1.92	3.81	0.0458	0.000472	12.1	0.00209	0.0394	0.000304	0.000294	0.00013	0.115	0.00000208	0.00025	0.0006	0.00155	0.00044
2068 Oct	0.000305	0.000276	0.0011	0.105	0.00000836	1.92	3.82	0.0459	0.000473	12.1	0.0021	0.0394	0.000304	0.000295	0.000131	0.115	0.00000208	0.00025	0.0006	0.00155	0.000445
2068 Nov	0.000305	0.000276	0.0011	0.105	0.00000836	1.92	3.82	0.0459	0.000474	12.1	0.0021	0.0394	0.000304	0.000295	0.000131	0.115	0.00000208	0.00025	0.0006	0.00155	0.000446
2068 Dec	0.000305	0.000276	0.0011	0.105	0.00000836	1.92	3.82	0.0459	0.000474	12.1	0.0021	0.0394	0.000304	0.000295	0.000131	0.115	0.00000208	0.00025	0.0006	0.00155	0.000446
2069 Jan	0.000305	0.000276	0.0011	0.105	0.00000836	1.92	3.82	0.0459	0.000474	12.1	0.0021	0.0394	0.000304	0.000295	0.000131	0.115	0.00000208	0.00025	0.0006	0.00155	0.000446
2069 Feb	0.000305	0.000276	0.0011	0.105	0.00000836	1.92	3.82	0.0459	0.000474	12.1	0.0021	0.0394	0.000304	0.000295	0.000131	0.115	0.00000208	0.00025	0.0006	0.00155	0.000446
2069 Mar	0.000305	0.000276	0.0011	0.105	0.00000836	1.92	3.82	0.0459	0.000474	12.1	0.0021	0.0394	0.000304	0.000295	0.000131	0.115	0.00000208	0.00025	0.0006	0.00155	0.000446
2069 Apr	0.000305	0.000276	0.0011	0.105	0.00000836	1.92	3.82	0.0459	0.000474	12.1	0.0021	0.0394	0.000304	0.000295	0.000131	0.115	0.00000208	0.00025	0.0006	0.00155	0.000446
2069 May	0.000305	0.000276	0.0011	0.106	0.00000837	1.92	3.83	0.0459	0.000474	12.1	0.0021	0.0394	0.000304	0.000296	0.000131	0.115	0.00000209	0.000251	0.000601	0.00156	0.000447
2069 Jun	0.000304	0.000274	0.00109	0.105	0.00000837	1.91	3.77	0.0456	0.000469	11.9	0.00207	0.039	0.000304	0.000291	0.000129	0.114	0.00000209	0.000248	0.000599	0.00156	0.000433
2069 Jul	0.000305	0.000274	0.00109	0.105	0.00000839	1.91	3.77	0.0456	0.000469	11.9	0.00207	0.039	0.000303	0.000292	0.000129	0.114	0.00000209	0.000249	0.000599	0.00156	0.000434
2069 Aug	0.000305	0.000274	0.00109	0.106	0.00000841	1.92	3.79	0.0457	0.000472	11.9	0.00208	0.039	0.000303	0.000293	0.00013	0.115	0.00000209	0.00025	0.0006	0.00156	0.00044
2069 Sep	0.000305	0.000273	0.00109	0.105	0.00000841	1.92	3.79	0.0455	0.000473	11.9	0.00208	0.0389	0.000302	0.000293	0.000129	0.114	0.00000209	0.000251	0.000598	0.00156	0.000443
2069 Oct	0.000303	0.000271	0.00108	0.105	0.00000839	1.91	3.75	0.045	0.000472	11.8	0.00206	0.0387	0.000298	0.00029	0.000128	0.114	0.00000209	0.00025	0.000593	0.00155	0.000439
2069 Nov	0.000303	0.00027	0.00108	0.105	0.00000839	1.91	3.75	0.0449	0.000473	11.8	0.00206	0.0387	0.000297	0.00029	0.000128	0.113	0.00000209	0.00025	0.000592	0.00155	0.000438
2069 Dec	0.000303	0.00027	0.00108	0.105	0.00000839	1.91	3.75	0.0449	0.000473	11.8	0.00206	0.0387	0.000297	0.00029	0.000128	0.114	0.00000209	0.00025	0.000592	0.00155	0.000439
2070 Jan	0.000303	0.00027	0.00108	0.105	0.00000839	1.91	3.75	0.0449	0.000473	11.8	0.00206	0.0387	0.000297	0.00029	0.000128	0.114	0.00000209	0.00025	0.000592	0.00155	0.000439
2070 Feb	0.000303	0.00027	0.00108	0.105	0.00000839	1.91	3.75	0.0449	0.000473	11.8	0.00206	0.0387	0.000297	0.00029	0.000128	0.114	0.00000209	0.00025	0.000592	0.00155	0.000439
2070 Mar	0.000303	0.00027	0.00108	0.105	0.00000839	1.91	3.75	0.0449	0.000473	11.8	0.00206	0.0387	0.000297	0.00029	0.000128	0.114	0.00000209	0.00025	0.000592	0.00155	0.000439
2070 Apr	0.000303	0.00027	0.00108	0.105	0.0000084	1.91	3.75	0.0449	0.000473	11.8	0.00206	0.0387	0.000297	0.00029	0.000128	0.114	0.00000209	0.00025	0.000592	0.00155	0.000439
2070 May	0.000304	0.000271	0.00108	0.105	0.0000084	1.91	3.75	0.045	0.000473	11.8	0.00206	0.0386	0.000298	0.000289	0.000128	0.114	0.00000209	0.000249	0.000593	0.00155	0.000436
2070 Jun	0.000304	0.000272	0.00108	0.105	0.00000839	1.91	3.7	0.045	0.000468	11.6	0.00202	0.0383	0.000301	0.000284	0.000126	0.113	0.00000209	0.000248	0.000593	0.00155	0.00042
2070 Jul	0.000304	0.000272	0.00108	0.106	0.00000841	1.91	3.72	0.0451	0.00047	11.7	0.00203	0.0384	0.000302	0.000285	0.000127	0.114	0.00000209	0.000249	0.000594	0.00155	0.000424
2070 Aug	0.000305	0.000273	0.00108	0.106	0.00000843	1.92	3.73	0.0453	0.000473	11.7	0.00204	0.0384	0.000302	0.000287	0.000127	0.114	0.0000021	0.00025	0.000595	0.00155	0.00043
2070 Sep	0.000305	0.000272	0.00108	0.105	0.00000843	1.92	3.74	0.0452	0.000475	11.7	0.00205	0.0383	0.000301	0.000287	0.000128	0.114	0.00000209	0.000251	0.000594	0.00155	0.000434
2070 Oct	0.000305	0.000271	0.00108	0.105	0.00000842	1.91	3.73	0.045	0.000475	11.6	0.00204	0.0382	0.000299	0.000285	0.000127	0.114	0.00000209	0.00025	0.000591	0.00155	0.000432
2070 Nov	0.000304	0.000271	0.00108	0.105	0.00000842	1.91	3.73	0.045	0.000475	11.6	0.00204	0.0381	0.000299	0.000285	0.000127	0.114	0.00000209	0.00025	0.000591	0.00155	0.000432
2070 Dec	0.000304	0.000271	0.00108	0.105	0.00000842	1.91	3.73	0.045	0.000475	11.6	0.00204	0.0381	0.000299	0.000285	0.000127	0.114	0.00000209	0.00025	0.000591	0.00155	0.000433
2071 Jan	0.000304	0.000271	0.00108	0.105	0.00000842	1.91	3.73	0.045	0.000475	11.6	0.00204	0.0381	0.000299	0.000286	0.000127	0.114	0.00000209	0.00025	0.000591	0.00155	0.000433
2071 Feb	0.000304	0.000271	0.00108	0.105	0.00000842	1.91	3.73	0.045	0.000475	11.6	0.00204	0.0381	0.000299	0.000286	0.000127	0.114	0.00000209	0.00025	0.000591	0.00155	0.000433
2071 Mar	0.000305	0.000271	0.00108	0.105	0.00000842	1.91	3.73	0.045	0.000475	11.6	0.00204	0.0381	0.000299	0.000286	0.000127	0.114	0.00000209	0.00025	0.000591	0.00155	0.000433
2071 Apr	0.000305	0.000271	0.00108	0.105	0.00000842	1.91	3.73	0.045	0.000476	11.6	0.00204	0.0381	0.000299	0.000286	0.000127	0.114	0.00000209	0.00025	0.000591	0.00155	0.000433
2071 May	0.000305	0.000272	0.00108	0.106	0.00000842	1.91	3.72	0.045	0.000475	11.6	0.00203	0.0381	0.0003	0.000284	0.000127	0.114	0.00000209	0.00025	0.000592	0.00154	0.00043

Appendix C.3-4: FZONE Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2071 Jun	0.000305	0.000273	0.00107	0.106	0.00000838	1.91	3.66	0.0452	0.000469	11.4	0.00199	0.0377	0.000305	0.000277	0.000125	0.113	0.00000209	0.000247	0.000592	0.00153	0.000407
2071 Jul	0.000305	0.000273	0.00107	0.106	0.00000839	1.91	3.66	0.0452	0.00047	11.4	0.00199	0.0377	0.000305	0.000277	0.000124	0.114	0.0000021	0.000248	0.000593	0.00153	0.000406
2071 Aug	0.000306	0.000274	0.00107	0.106	0.00000841	1.92	3.68	0.0453	0.000472	11.5	0.00199	0.0377	0.000306	0.000278	0.000125	0.114	0.0000021	0.000249	0.000594	0.00154	0.00041
2071 Sep	0.000306	0.000274	0.00107	0.106	0.00000841	1.92	3.68	0.0453	0.000474	11.5	0.002	0.0377	0.000305	0.000279	0.000125	0.114	0.0000021	0.00025	0.000593	0.00154	0.000415
2071 Oct	0.000306	0.000273	0.00107	0.106	0.00000841	1.92	3.68	0.0452	0.000475	11.4	0.002	0.0376	0.000304	0.000279	0.000125	0.114	0.0000021	0.00025	0.000592	0.00153	0.000416
2071 Nov	0.000306	0.000273	0.00107	0.106	0.00000841	1.92	3.68	0.0452	0.000475	11.4	0.002	0.0376	0.000304	0.000278	0.000125	0.114	0.0000021	0.00025	0.000592	0.00153	0.000417
2071 Dec	0.000306	0.000273	0.00107	0.106	0.00000841	1.92	3.68	0.0452	0.000475	11.4	0.002	0.0376	0.000304	0.000278	0.000125	0.114	0.0000021	0.00025	0.000592	0.00153	0.000417
2072 Jan	0.000306	0.000273	0.00107	0.106	0.00000841	1.92	3.68	0.0452	0.000475	11.4	0.002	0.0376	0.000304	0.000278	0.000125	0.114	0.0000021	0.00025	0.000592	0.00153	0.000417
2072 Feb	0.000306	0.000273	0.00107	0.106	0.00000841	1.92	3.68	0.0452	0.000475	11.4	0.002	0.0376	0.000304	0.000278	0.000125	0.114	0.0000021	0.00025	0.000592	0.00153	0.000417
2072 Mar	0.000306	0.000273	0.00107	0.106	0.00000841	1.92	3.68	0.0452	0.000475	11.4	0.002	0.0376	0.000304	0.000278	0.000125	0.114	0.0000021	0.00025	0.000592	0.00153	0.000417
2072 Apr	0.000306	0.000273	0.00107	0.106	0.00000841	1.92	3.68	0.0452	0.000475	11.4	0.002	0.0376	0.000304	0.000278	0.000125	0.114	0.0000021	0.00025	0.000592	0.00153	0.000417
2072 May	0.000306	0.000273	0.00107	0.106	0.00000842	1.92	3.69	0.0452	0.000475	11.4	0.002	0.0376	0.000304	0.000279	0.000125	0.114	0.0000021	0.00025	0.000592	0.00153	0.000418
2072 Jun	0.000305	0.000271	0.00106	0.106	0.00000842	1.91	3.64	0.0447	0.000472	11.3	0.00198	0.0373	0.000301	0.000276	0.000124	0.113	0.0000021	0.000249	0.000588	0.00153	0.000407
2072 Jul	0.000305	0.00027	0.00106	0.106	0.00000843	1.91	3.63	0.0446	0.000473	11.3	0.00197	0.0373	0.0003	0.000275	0.000124	0.113	0.0000021	0.000249	0.000587	0.00154	0.000407
2072 Aug	0.000304	0.000268	0.00106	0.105	0.00000843	1.91	3.62	0.0443	0.000474	11.3	0.00197	0.0371	0.000297	0.000274	0.000123	0.112	0.00000211	0.000249	0.000583	0.00153	0.000406
2072 Sep	0.000304	0.000266	0.00106	0.105	0.00000843	1.91	3.6	0.044	0.000474	11.2	0.00196	0.037	0.000294	0.000273	0.000123	0.112	0.00000211	0.000249	0.000579	0.00153	0.000405
2072 Oct	0.000302	0.000263	0.00105	0.104	0.00000841	1.9	3.57	0.0434	0.000475	11.1	0.00194	0.0369	0.00029	0.00027	0.000122	0.111	0.00000211	0.000249	0.000572	0.00152	0.000401
2072 Nov	0.000302	0.000263	0.00105	0.104	0.00000841	1.9	3.57	0.0433	0.000475	11.1	0.00194	0.0368	0.000289	0.00027	0.000122	0.111	0.00000211	0.000249	0.000571	0.00152	0.000402
2072 Dec	0.000302	0.000263	0.00105	0.104	0.00000841	1.9	3.57	0.0433	0.000475	11.1	0.00194	0.0368	0.000289	0.00027	0.000122	0.111	0.00000211	0.000249	0.000571	0.00152	0.000403
2073 Jan	0.000302	0.000263	0.00105	0.104	0.00000841	1.9	3.57	0.0433	0.000475	11.1	0.00194	0.0368	0.000289	0.00027	0.000122	0.111	0.00000211	0.000249	0.000571	0.00152	0.000403
2073 Feb	0.000302	0.000263	0.00105	0.104	0.00000841	1.9	3.57	0.0433	0.000475	11.1	0.00194	0.0368	0.000289	0.00027	0.000122	0.111	0.00000211	0.000249	0.000571	0.00152	0.000403
2073 Mar	0.000302	0.000263	0.00105	0.104	0.00000841	1.9	3.57	0.0433	0.000475	11.1	0.00194	0.0368	0.000289	0.00027	0.000122	0.111	0.00000211	0.000249	0.000571	0.00152	0.000403
2073 Apr	0.000302	0.000263	0.00105	0.104	0.00000841	1.9	3.57	0.0433	0.000476	11.1	0.00194	0.0368	0.000289	0.00027	0.000122	0.111	0.00000211	0.000249	0.000572	0.00152	0.000403
2073 May	0.000302	0.000263	0.00105	0.104	0.00000841	1.9	3.58	0.0434	0.000477	11.1	0.00195	0.0367	0.00029	0.00027	0.000122	0.111	0.00000211	0.000249	0.000572	0.00152	0.000407
2073 Jun	0.000302	0.000264	0.00105	0.104	0.00000837	1.9	3.55	0.0435	0.000475	11	0.00192	0.0364	0.000292	0.000267	0.000121	0.111	0.00000211	0.000248	0.000571	0.00151	0.0004
2073 Jul	0.000302	0.000264	0.00105	0.104	0.00000838	1.9	3.55	0.0435	0.000477	11	0.00193	0.0364	0.000292	0.000267	0.000121	0.111	0.00000211	0.000249	0.000571	0.00151	0.000401
2073 Aug	0.000303	0.000264	0.00105	0.104	0.0000084	1.91	3.57	0.0436	0.000479	11	0.00193	0.0364	0.000293	0.000268	0.000122	0.112	0.00000211	0.00025	0.000572	0.00151	0.000405
2073 Sep	0.000303	0.000264	0.00105	0.104	0.0000084	1.91	3.58	0.0436	0.000481	11	0.00194	0.0364	0.000292	0.000269	0.000122	0.112	0.00000211	0.000251	0.000572	0.00151	0.00041
2073 Oct	0.000303	0.000264	0.00105	0.104	0.0000084	1.91	3.57	0.0435	0.000482	11	0.00194	0.0362	0.000291	0.000269	0.000122	0.112	0.00000211	0.000251	0.00057	0.00151	0.000413
2073 Nov	0.000303	0.000263	0.00105	0.104	0.00000839	1.91	3.57	0.0434	0.000482	11	0.00194	0.0362	0.00029	0.000268	0.000122	0.112	0.00000211	0.000251	0.000569	0.00151	0.000413
2073 Dec	0.000303	0.000263	0.00105	0.104	0.00000839	1.91	3.57	0.0434	0.000482	11	0.00194	0.0362	0.00029	0.000269	0.000122	0.112	0.00000211	0.000251	0.000569	0.00151	0.000414
2074 Jan	0.000303	0.000263	0.00105	0.104	0.00000839	1.91	3.57	0.0434	0.000483	11	0.00194	0.0362	0.00029	0.000269	0.000122	0.112	0.00000211	0.000251	0.000569	0.00151	0.000414
2074 Feb	0.000303	0.000263	0.00105	0.104	0.00000839	1.91	3.57	0.0434	0.000483	11	0.00194	0.0362	0.00029	0.000269	0.000122	0.112	0.00000211	0.000251	0.000569	0.00151	0.000415
2074 Mar	0.000303	0.000263	0.00105	0.104	0.00000839	1.91	3.57	0.0435	0.000483	11	0.00194	0.0362	0.00029	0.000269	0.000122	0.112	0.00000211	0.000251	0.000569	0.00151	0.000415
2074 Apr	0.000303	0.000263	0.00105	0.104	0.0000084	1.91	3.57	0.0435	0.000483	11	0.00194	0.0362	0.00029	0.000269	0.000122	0.112	0.00000211	0.000251	0.00057	0.00151	0.000415
2074 May	0.000303	0.000265	0.00105	0.104	0.00000839	1.91	3.58	0.0438	0.000483	10.9	0.00194	0.0361	0.000293	0.000269	0.000122	0.112	0.00000211	0.00025	0.000572	0.00151	0.000417
2074 Jun	0.000304	0.000268	0.00104	0.105	0.00000833	1.91	3.56	0.0443	0.000481	10.8	0.00191	0.0356	0.0003	0.000264	0.000121	0.113	0.00000211	0.000249	0.000575	0.00149	0.000405
2074 Jul	0.000305	0.000269	0.00104	0.105	0.00000835	1.92	3.57	0.0444	0.000483	10.9	0.00192	0.0356	0.000301	0.000265	0.000122	0.113	0.00000212	0.00025	0.000577	0.0015	0.000407
2074 Aug	0.000306	0.00027	0.00105	0.106	0.00000837	1.92	3.58	0.0446	0.000485	10.9	0.00193	0.0357	0.000302	0.000266	0.000122	0.113	0.00000212	0.000251	0.000578	0.0015	0.000412
2074 Sep	0.000306	0.00027	0.00105	0.105	0.00000837	1.92	3.6	0.0446	0.000488	10.9	0.00194	0.0356	0.000301	0.000268	0.000123	0.113	0.00000212	0.000252	0.000578	0.0015	0.000423
2074 Oct	0.000306	0.000269	0.00105	0.105	0.00000837	1.93	3.61	0.0446	0.00049	10.9	0.00195	0.0355	0.0003	0.000269	0.000123	0.113	0.00000212	0.000253	0.000578	0.0015	0.000433
2074 Nov	0.000306	0.000269	0.00105	0.105	0.00000837	1.93	3.63	0.0446	0.000492	10.9	0.00196	0.0355	0.000299	0.000271	0.000124	0.114	0.00000212	0.000253	0.000578	0.0015	0.000441
2074 Dec	0.000306	0.00027	0.00105	0.105	0.00000838	1.93	3.63	0.0446	0.000492	10.9	0.00196	0.0355	0.000299	0.000271	0.000124	0.114	0.00000212	0.000253	0.000578	0.0015	0.000443
2075 Jan	0.000306	0.00027	0.00105	0.105	0.00000838	1.93	3.63	0.0446	0.000492	10.9	0.00196	0.0355	0.000299	0.000271	0.000124	0.114	0.00000212	0.000253	0.000578	0.0015	0.000443
2075 Feb	0.000306	0.00027	0.00106	0.105	0.00000838	1.93	3.63	0.0446	0.000492	10.9	0.00196	0.0355	0.000299	0.000271	0.000124	0.114	0.00000212	0.000253	0.000578	0.0015	0.000443
2075 Mar	0.000306	0.00027	0.00106	0.105	0.00000838	1.93	3.63	0.0446	0.000493	10.9	0.00196	0.0355	0.000299	0.000271	0.000124	0.114	0.00000212	0.000253	0.000578	0.0015	0.000443
2075 Apr	0.000306	0.00027	0.00106	0.105	0.00000838	1.93	3.63	0.0447	0.000493	10.9	0.00196	0.0355	0.000299	0.000271	0.000124	0.114	0.00000212	0.000254	0.000578	0.0015	0.000444
2075 May	0.000306	0.00027	0.00106	0.105	0.00000839	1.93	3.64	0.0448	0.000494	10.9	0.00197	0.0355	0.0003	0.000273	0.000125	0.114	0.00000212	0.000254	0.000579	0.0015	0.000451
2075 Jun	0.000304	0.000266	0.00104	0.104	0.00000836	1.92	3.57	0.044	0.000489	10.7	0.00193	0.0351	0.000295	0.000268	0.000122	0.112	0.00000212	0.000252	0.000573	0.0015	0.000432
2075 Jul	0.000304	0.000264	0.00104	0.104	0.00000836	1.91	3.54	0.0437	0.000488	10.7	0.00191	0.0349	0.000293	0.000267	0.000121	0.112	0.00000213	0.000252	0.000571	0.0015	0.000425
2075 Aug	0.000304	0.000264	0.00104	0.104	0.00000838	1.92	3.56	0.0437	0.00049	10.7	0.00192	0.0349	0.000293	0.000268	0.000122	0.112	0.00000213	0.000253	0.000571	0.0015	0.00043
2075 Sep	0.000304	0.000264	0.00104	0.104	0.00000839	1.92	3.57	0.0438	0.000492	10.7	0.00193	0.0349	0.000293	0.000269	0.000122	0.112	0.00000213	0.000254	0.000572	0.0015	0.000434
2075 Oct	0.000304	0.000264	0.00104	0.104	0.00000839	1.92	3.57	0.0437	0.000493	10.7	0.00193	0.0349	0.000292	0.000269	0.000122	0.112	0.00000213	0.000254	0.000571	0.0015	0.000438
2075 Nov	0.000304	0.000264	0.00104	0.104	0.00000839	1.92	3.57	0.0437	0.000493	10.7	0.00193	0.0349	0.000292	0.000269	0.000122	0.112	0.00000213	0.000254	0.000571	0.0015	0.000439
2075 Dec	0.000304	0.000264	0.00104	0.104	0.00000839	1.92	3.57	0.0437	0.000493	10.7	0.00193	0.0349	0.000292	0.000269	0.000122	0.112	0.00000213	0.000254	0.000571	0.0015	0.00044
2076 Jan	0.000304	0.000264	0.00104	0.104	0.00000839	1.92	3.57	0.0438	0.000493	10.7	0.00193	0.0349	0.000292	0.000269	0.000123	0.112	0.00000213	0.000254	0.000571	0.0015	0.00044
2076 Feb	0.000304	0.000264	0.00104	0.104	0.00000839	1.92	3.57	0.0438	0.000493	10.7	0.00193	0.0349	0.000292	0.000269	0.000123	0.112	0.00000213	0.000254	0.000571	0.0015	0.00044
2076 Mar	0.000304	0.000264	0.00104	0.104	0.00000839	1.92	3.57	0.0438	0.000493	10.7	0.00193	0.0349	0.000292	0.000269	0.000123	0.112	0.00000213	0.000254	0.000571	0.0015	0.00044
2076 Apr	0.000304	0.000264	0.00104	0.104	0.00000839	1.92	3.57	0.0438	0.000493	10.7	0.00193	0.0349	0.000292	0.000269	0.000123	0.112	0.00000213	0.000254	0.000571	0.0015	0.00044
2076 May	0.000305	0.000265	0.00104	0.104	0.0000084	1.92	3.57	0.0439	0.000493	10.7	0.00193	0.0349	0.000293	0.000269	0.000123	0.112	0.00000213	0.000254	0.000572	0.0015	0.000439
2076 Jun	0.000305	0.000266	0.00103	0.105	0.00000838	1.92	3.53	0.0441	0.000488	10.6	0.0019	0.0344	0.000298	0.000265	0.000121	0.112	0.00000214	0.000252	0.000575	0.0015	0.000418
2076 Jul	0.000306	0.000266	0.00103	0.105	0.00000839	1.92	3.53	0.0441	0.000489	10.6	0.0019	0.0343	0.000299	0.000265	0.000121	0.112	0.00000214	0.000252	0.000576	0.0015	0.000417
2076 Aug	0.000307	0.000267	0.00104	0.105	0.00000841	1.93	3.55	0.0443	0.000491	10.6	0.00191	0.0344	0.000299	0.000266	0.000121	0.113	0.00000214	0.000254	0.000577	0.00151	0.000421
2076 Sep	0.000307	0.000267	0.00104	0.105	0.00000842	1.93	3.56	0.0443	0.000492	10.6	0.00191	0.0344	0.000299	0.000267	0.000122	0.113	0.00000214	0.000254	0.000578	0.00151	0.000426
2076 Oct	0.000307	0.000267	0.00104	0.105	0.00000841	1.93	3.56	0.0442	0.000494	10.6	0.00192	0.0343	0.000298	0.000267	0.000122	0.113	0.00000214	0.000255	0.000577	0.0015	0.000431

Appendix C.3-4: FZONE Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	**-**	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2076 Nov	0.000307	0.000267	0.00104	0.105	0.00000841	1.93	3.56	0.0442	0.000494	10.6	0.00192	0.0343	0.000298	0.000268	0.000122	0.113	0.00000214	0.000255	0.000577	0.0015	0.000433
2076 Dec	0.000307	0.000267	0.00104	0.105	0.00000841	1.93	3.57	0.0442	0.000494	10.6	0.00192	0.0343	0.000298	0.000268	0.000122	0.113	0.00000214	0.000255	0.000577	0.0015	0.000434
2077 Jan	0.000307	0.000267	0.00104	0.105	0.00000841	1.93	3.57	0.0442	0.000494	10.6	0.00192	0.0343	0.000298	0.000268	0.000122	0.113	0.00000214	0.000255	0.000577	0.0015	0.000434
2077 Feb	0.000307	0.000267	0.00104	0.105	0.00000841	1.93	3.57	0.0442	0.000494	10.6	0.00192	0.0343	0.000298	0.000268	0.000122	0.113	0.00000214	0.000255	0.000577	0.0015	0.000434
2077 Mar	0.000307	0.000267	0.00104	0.105	0.00000841	1.93	3.57	0.0442	0.000494	10.6	0.00192	0.0343	0.000298	0.000268	0.000122	0.113	0.00000214	0.000255	0.000577	0.0015	0.000434
2077 Apr	0.000307	0.000267	0.00104	0.105	0.00000842	1.93	3.57	0.0443	0.000494	10.6	0.00192	0.0343	0.000298	0.000268	0.000122	0.113	0.00000214	0.000255	0.000577	0.0015	0.000434
2077 May	0.000307	0.000268	0.00104	0.105	0.00000842	1.93	3.57	0.0444	0.000494	10.6	0.00192	0.0343	0.000299	0.000268	0.000122	0.113	0.00000214	0.000255	0.000578	0.00151	0.000433
2077 Jun	0.000308	0.00027	0.00103	0.106	0.0000084	1.93	3.55	0.0448	0.000492	10.5	0.0019	0.0338	0.000305	0.000265	0.000121	0.113	0.00000215	0.000254	0.000582	0.0015	0.00042
2077 Jul	0.000309	0.00027	0.00104	0.106	0.00000842	1.94	3.56	0.0449	0.000493	10.5	0.0019	0.0339	0.000305	0.000266	0.000122	0.114	0.00000215	0.000254	0.000583	0.00151	0.000423
2077 Aug	0.00031	0.000271	0.00104	0.106	0.00000844	1.94	3.57	0.045	0.000495	10.6	0.00191	0.0339	0.000306	0.000267	0.000122	0.114	0.00000216	0.000256	0.000585	0.00151	0.000427
2077 Sep	0.00031	0.00027	0.00104	0.106	0.00000844	1.94	3.57	0.0449	0.000497	10.6	0.00191	0.0338	0.000304	0.000267	0.000122	0.114	0.00000215	0.000256	0.000583	0.00151	0.000432
2077 Oct	0.00031	0.00027	0.00104	0.106	0.00000844	1.94	3.58	0.0449	0.000498	10.5	0.00191	0.0337	0.000304	0.000267	0.000122	0.114	0.00000215	0.000256	0.000583	0.00151	0.000435
2077 Nov	0.00031	0.00027	0.00104	0.106	0.00000845	1.94	3.58	0.0449	0.000498	10.5	0.00192	0.0337	0.000304	0.000267	0.000122	0.114	0.00000215	0.000257	0.000583	0.00151	0.000437
2077 Dec	0.00031	0.00027	0.00104	0.106	0.00000845	1.94	3.58	0.0449	0.000498	10.5	0.00192	0.0337	0.000304	0.000268	0.000123	0.114	0.00000215	0.000257	0.000583	0.00151	0.000437
2078 Jan	0.00031	0.00027	0.00104	0.106	0.00000845	1.94	3.58	0.0449	0.000498	10.5	0.00192	0.0337	0.000304	0.000268	0.000123	0.114	0.00000215	0.000257	0.000583	0.00151	0.000437
2078 Feb	0.00031	0.00027	0.00104	0.106	0.00000845	1.94	3.58	0.0449	0.000498	10.5	0.00192	0.0337	0.000304	0.000268	0.000123	0.114	0.00000215	0.000257	0.000583	0.00151	0.000437
2078 Mar	0.00031	0.00027	0.00104	0.106	0.00000845	1.94	3.58	0.0449	0.000498	10.5	0.00192	0.0337	0.000304	0.000268	0.000123	0.114	0.00000215	0.000257	0.000583	0.00151	0.000437
2078 Apr	0.00031	0.00027	0.00104	0.106	0.00000845	1.95	3.58	0.0449	0.000499	10.6	0.00192	0.0337	0.000304	0.000268	0.000123	0.114	0.00000216	0.000257	0.000583	0.00151	0.000437
2078 May	0.000311	0.000273	0.00104	0.107	0.00000846	1.95	3.58	0.0453	0.000498	10.5	0.00191	0.0335	0.000308	0.000267	0.000122	0.114	0.00000216	0.000256	0.000587	0.00151	0.000434
2078 Jun	0.000313	0.000276	0.00103	0.108	0.00000842	1.95	3.56	0.046	0.000496	10.4	0.00189	0.033	0.000316	0.000263	0.000122	0.115	0.00000217	0.000254	0.000593	0.0015	0.000417
2078 Jul	0.000314	0.000277	0.00104	0.108	0.00000844	1.96	3.57	0.0461	0.000498	10.5	0.00189	0.0331	0.000317	0.000264	0.000122	0.115	0.00000217	0.000256	0.000594	0.0015	0.000419
2078 Aug	0.000314	0.000277	0.00104	0.108	0.00000846	1.96	3.59	0.0461	0.0005	10.5	0.0019	0.0331	0.000317	0.000265	0.000123	0.115	0.00000217	0.000257	0.000595	0.00151	0.000426
2078 Sep	0.000314	0.000278	0.00104	0.108	0.00000847	1.97	3.6	0.0462	0.000502	10.5	0.00191	0.033	0.000317	0.000266	0.000123	0.116	0.00000217	0.000258	0.000595	0.00151	0.000433
2078 Oct	0.000314	0.000277	0.00104	0.108	0.00000847	1.97	3.61	0.0462	0.000504	10.5	0.00192	0.033	0.000316	0.000267	0.000123	0.116	0.00000217	0.000258	0.000595	0.00151	0.000441
2078 Nov	0.000314	0.000277	0.00104	0.108	0.00000847	1.97	3.61	0.0462	0.000504	10.5	0.00192	0.033	0.000316	0.000267	0.000124	0.116	0.00000217	0.000258	0.000595	0.00151	0.000443
2078 Dec	0.000314	0.000277	0.00104	0.108	0.00000847	1.97	3.61	0.0462	0.000504	10.5	0.00192	0.033	0.000316	0.000268	0.000124	0.116	0.00000217	0.000258	0.000595	0.00151	0.000443
2079 Jan	0.000314	0.000278	0.00104	0.108	0.00000847	1.97	3.61	0.0462	0.000504	10.5	0.00192	0.033	0.000316	0.000268	0.000124	0.116	0.00000217	0.000258	0.000595	0.00151	0.000444
2079 Feb	0.000314	0.000278	0.00104	0.108	0.00000847	1.97	3.61	0.0462	0.000504	10.5	0.00192	0.033	0.000316	0.000268	0.000124	0.116	0.00000217	0.000258	0.000595	0.00151	0.000444
2079 Mar	0.000314	0.000278	0.00104	0.108	0.00000847	1.97	3.61	0.0462	0.000504	10.5	0.00192	0.033	0.000316	0.000268	0.000124	0.116	0.00000217	0.000258	0.000595	0.00151	0.000444
2079 Apr	0.000314	0.000278	0.00104	0.108	0.00000847	1.97	3.61	0.0462	0.000504	10.5	0.00192	0.033	0.000316	0.000268	0.000124	0.116	0.00000217	0.000258	0.000595	0.00151	0.000444
2079 May	0.000315	0.000278	0.00105	0.108	0.00000848	1.97	3.62	0.0463	0.000505	10.5	0.00192	0.033	0.000316	0.000268	0.000124	0.116	0.00000217	0.000259	0.000596	0.00151	0.000444
2079 Jun	0.000315	0.000277	0.00104	0.108	0.00000847	1.97	3.57	0.0462	0.000501	10.4	0.00189	0.0325	0.000318	0.000264	0.000122	0.115	0.00000218	0.000257	0.000596	0.00151	0.000427
2079 Jul	0.000315	0.000277	0.00103	0.108	0.00000847	1.97	3.57	0.0461	0.000501	10.4	0.00189	0.0324	0.000317	0.000264	0.000122	0.115	0.00000219	0.000257	0.000595	0.00151	0.000425
2079 Aug	0.000315	0.000277	0.00104	0.109	0.00000849	1.97	3.58	0.0462	0.000503	10.4	0.0019	0.0325	0.000318	0.000265	0.000123	0.116	0.00000219	0.000258	0.000597	0.00151	0.00043
2079 Sep	0.000315	0.000277	0.00104	0.108	0.00000849	1.97	3.59	0.0462	0.000505	10.4	0.0019	0.0324	0.000317	0.000266	0.000123	0.116	0.00000219	0.000259	0.000596	0.00151	0.000436
2079 Oct	0.000315	0.000276	0.00104	0.108	0.00000849	1.97	3.59	0.0461	0.000506	10.4	0.0019	0.0323	0.000316	0.000266	0.000123	0.115	0.00000219	0.000259	0.000595	0.00151	0.000439
2079 Nov	0.000315	0.000276	0.00104	0.108	0.00000849	1.97	3.58	0.046	0.000506	10.4	0.0019	0.0323	0.000315	0.000266	0.000123	0.115	0.00000219	0.000259	0.000594	0.00151	0.000439
2079 Dec	0.000315	0.000276	0.00104	0.108	0.00000849	1.97	3.58	0.046	0.000507	10.4	0.0019	0.0323	0.000315	0.000266	0.000123	0.115	0.00000219	0.000259	0.000593	0.00151	0.00044
2080 Jan	0.000315	0.000276	0.00104	0.108	0.00000849	1.97	3.58	0.046	0.000507	10.4	0.0019	0.0323	0.000315	0.000266	0.000123	0.115	0.00000219	0.000259	0.000593	0.00151	0.00044
2080 Feb	0.000315	0.000276	0.00104	0.108	0.00000849	1.97	3.58	0.046	0.000507	10.4	0.0019	0.0323	0.000315	0.000266	0.000123	0.115	0.00000219	0.000259	0.000593	0.00151	0.00044
2080 Mar	0.000315	0.000276	0.00104	0.108	0.00000849	1.97	3.58	0.046	0.000507	10.4	0.0019	0.0323	0.000315	0.000266	0.000123	0.115	0.00000219	0.000259	0.000593	0.00151	0.00044
2080 Apr	0.000315	0.000276	0.00104	0.108	0.00000849	1.97	3.58	0.046	0.000507	10.4	0.0019	0.0323	0.000315	0.000266	0.000123	0.115	0.00000219	0.000259	0.000593	0.00151	0.00044
2080 May	0.000315	0.000276	0.00104	0.108	0.0000085	1.97	3.59	0.046	0.000507	10.4	0.0019	0.0323	0.000315	0.000266	0.000123	0.115	0.00000219	0.00026	0.000594	0.00151	0.00044
2080 Jun	0.000313	0.000272	0.00103	0.107	0.0000085	1.96	3.54	0.0453	0.000505	10.3	0.00188	0.032	0.00031	0.000264	0.000121	0.114	0.0000022	0.000258	0.000588	0.00151	0.000428
2080 Jul	0.000313	0.00027	0.00102	0.107	0.0000085	1.96	3.51	0.0449	0.000505	10.3	0.00187	0.0319	0.000307	0.000263	0.000121	0.114	0.0000022	0.000259	0.000585	0.00151	0.000424
2080 Aug	0.000313	0.00027	0.00102	0.107	0.00000851	1.96	3.52	0.0449	0.000507	10.3	0.00187	0.0319	0.000307	0.000264	0.000121	0.114	0.00000221	0.00026	0.000585	0.00151	0.000427
2080 Sep	0.000313	0.000269	0.00102	0.106	0.00000852	1.96	3.52	0.0448	0.000508	10.3	0.00187	0.0318	0.000305	0.000264	0.000121	0.114	0.00000221	0.00026	0.000583	0.00151	0.000431
2080 Oct	0.000313	0.000268	0.00102	0.106	0.00000852	1.96	3.52	0.0446	0.000509	10.2	0.00187	0.0317	0.000303	0.000264	0.000121	0.114	0.00000221	0.00026	0.000581	0.00151	0.000433
2080 Nov	0.000312	0.000267	0.00102	0.106	0.00000851	1.96	3.51	0.0445	0.00051	10.2	0.00187	0.0316	0.000302	0.000263	0.000121	0.113	0.00000221	0.00026	0.00058	0.00151	0.000434
2080 Dec	0.000312	0.000267	0.00102	0.106	0.00000852	1.96	3.51	0.0445	0.00051	10.2	0.00187	0.0316	0.000302	0.000264	0.000121	0.113	0.00000221	0.00026	0.000579	0.00151	0.000435
2081 Jan	0.000312	0.000267	0.00102	0.106	0.00000852	1.96	3.51	0.0445	0.00051	10.2	0.00187	0.0316	0.000302	0.000264	0.000121	0.113	0.00000221	0.00026	0.000579	0.00151	0.000435
2081 Feb	0.000312	0.000267	0.00102	0.106	0.00000852	1.96	3.51	0.0445	0.00051	10.2	0.00187	0.0316	0.000302	0.000264	0.000121	0.113	0.00000221	0.00026	0.000579	0.00151	0.000435
2081 Mar	0.000312	0.000267	0.00102	0.106	0.00000852	1.96	3.51	0.0445	0.00051	10.2	0.00187	0.0316	0.000302	0.000264	0.000121	0.113	0.00000221	0.00026	0.000579	0.00151	0.000435
2081 Apr	0.000312	0.000267	0.00102	0.106	0.00000852	1.96	3.51	0.0445	0.00051	10.2	0.00187	0.0316	0.000302	0.000264	0.000121	0.113	0.00000221	0.00026	0.00058	0.00151	0.000435
2081 May	0.000312	0.000268	0.00102	0.106	0.00000852	1.96	3.5	0.0445	0.00051	10.2	0.00187	0.0315	0.000303	0.000263	0.000121	0.114	0.00000221	0.00026	0.00058	0.00151	0.00043
2081 Jun	0.000313	0.000268	0.00102	0.106	0.0000085	1.96	3.48	0.0446	0.00051	10.2	0.00185	0.0313	0.000305	0.00026	0.00012	0.113	0.00000222	0.000259	0.00058	0.00151	0.000418
2081 Jul	0.000314	0.000268	0.00102	0.107	0.00000853	1.97	3.49	0.0447	0.000512	10.2	0.00185	0.0313	0.000305	0.000261	0.00012	0.114	0.00000223	0.00026	0.000582	0.00151	0.000419
2081 Aug	0.000315	0.000269	0.00102	0.107	0.00000855	1.97	3.5	0.0448	0.000513	10.2	0.00186	0.0314	0.000306	0.000262	0.000121	0.114	0.00000223	0.000262	0.000583	0.00151	0.000423
2081 Sep	0.000315	0.000269	0.00102	0.107	0.00000856	1.98	3.51	0.0448	0.000515	10.2	0.00187	0.0314	0.000306	0.000263	0.000121	0.114	0.00000223	0.000262	0.000583	0.00151	0.000429
2081 Oct	0.000315	0.000269	0.00102	0.107	0.00000856	1.98	3.52	0.0448	0.000516	10.2	0.00187	0.0313	0.000305	0.000263	0.000121	0.114	0.00000223	0.000263	0.000583	0.00151	0.000435
2081 Nov	0.000315	0.000269	0.00103	0.107	0.00000856	1.98	3.52	0.0448	0.000517	10.2	0.00187	0.0313	0.000305	0.000264	0.000121	0.114	0.00000223	0.000263	0.000583	0.00151	0.000439
2081 Dec	0.000315	0.000269	0.00103	0.107	0.00000856	1.98	3.52	0.0448	0.000517	10.2	0.00187	0.0313	0.000305	0.000264	0.000121	0.114	0.00000223	0.000263	0.000583	0.00151	0.000439
2082 Jan	0.000315	0.000269	0.00103	0.107	0.00000856	1.98	3.52	0.0448	0.000517	10.2	0.00187	0.0313	0.000305	0.000264	0.000121	0.114	0.00000223	0.000263	0.000583	0.00151	0.00044
2082 Feb	0.000315	0.000269	0.00103	0.107	0.00000856	1.98	3.52	0.0448	0.000517	10.2	0.00187	0.0313	0.000305	0.000264	0.000121	0.114	0.00000223	0.000263	0.000583	0.00151	0.00044
2082 Mar	0.000315	0.000269	0.00103	0.107	0.00000856	1.98	3.52	0.0448	0.000517	10.2	0.00187	0.0313	0.000305	0.000264	0.000121	0.114	0.00000223	0.000263	0.000583	0.00151	0.00044

Appendix C.3-4: FZONE Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	**-**	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	**-**	***0.0008***	***0.015***	**-**	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2082 Apr	0.000315	0.000269	0.00103	0.107	0.00000856	1.98	3.53	0.0448	0.000517	10.2	0.00187	0.0313	0.000305	0.000264	0.000121	0.114	0.00000223	0.000263	0.000583	0.00151	0.00044
2082 May	0.000315	0.000269	0.00103	0.107	0.00000857	1.98	3.53	0.0449	0.000517	10.2	0.00188	0.0313	0.000305	0.000264	0.000121	0.114	0.00000223	0.000263	0.000583	0.00151	0.00044
2082 Jun	0.000313	0.000265	0.00102	0.106	0.00000857	1.96	3.48	0.0441	0.000515	10.1	0.00186	0.0309	0.000299	0.000263	0.00012	0.113	0.00000224	0.000262	0.000578	0.00152	0.000436
2082 Jul	0.000312	0.000261	0.00101	0.105	0.00000857	1.96	3.44	0.0435	0.000515	10	0.00184	0.0306	0.000295	0.000261	0.000119	0.112	0.00000225	0.000261	0.000573	0.00152	0.000427
2082 Aug	0.000312	0.000262	0.00101	0.105	0.00000859	1.96	3.45	0.0436	0.000516	10	0.00184	0.0306	0.000295	0.000262	0.000119	0.112	0.00000225	0.000262	0.000574	0.00152	0.00043
2082 Sep	0.000313	0.000262	0.00101	0.105	0.0000086	1.96	3.46	0.0436	0.000517	10.1	0.00185	0.0306	0.000295	0.000263	0.00012	0.113	0.00000225	0.000263	0.000574	0.00152	0.000433
2082 Oct	0.000312	0.000261	0.00101	0.105	0.00000859	1.96	3.45	0.0434	0.000518	10	0.00185	0.0305	0.000293	0.000263	0.00012	0.112	0.00000225	0.000263	0.000572	0.00152	0.000437
2082 Nov	0.000312	0.000261	0.00101	0.105	0.00000859	1.96	3.46	0.0435	0.000519	10	0.00185	0.0305	0.000293	0.000263	0.00012	0.112	0.00000225	0.000263	0.000572	0.00152	0.000439
2082 Dec	0.000312	0.000261	0.00101	0.105	0.00000859	1.96	3.46	0.0435	0.000519	10	0.00185	0.0305	0.000293	0.000263	0.00012	0.112	0.00000225	0.000263	0.000572	0.00152	0.00044
2083 Jan	0.000312	0.000261	0.00101	0.105	0.00000859	1.96	3.46	0.0435	0.000519	10	0.00185	0.0305	0.000293	0.000263	0.00012	0.112	0.00000225	0.000263	0.000572	0.00152	0.00044
2083 Feb	0.000312	0.000261	0.00101	0.105	0.00000859	1.96	3.46	0.0435	0.000519	10	0.00185	0.0305	0.000293	0.000263	0.00012	0.112	0.00000225	0.000263	0.000572	0.00152	0.00044
2083 Mar	0.000312	0.000261	0.00101	0.105	0.00000859	1.96	3.46	0.0435	0.000519	10	0.00185	0.0305	0.000293	0.000263	0.00012	0.112	0.00000225	0.000263	0.000572	0.00152	0.00044
2083 Apr	0.000312	0.000261	0.00101	0.105	0.00000859	1.96	3.46	0.0435	0.000519	10	0.00185	0.0305	0.000293	0.000263	0.00012	0.112	0.00000225	0.000263	0.000573	0.00152	0.00044
2083 May	0.000313	0.000262	0.00101	0.105	0.0000086	1.97	3.46	0.0436	0.00052	10	0.00185	0.0304	0.000294	0.000264	0.00012	0.113	0.00000225	0.000263	0.000574	0.00152	0.000445
2083 Jun	0.000313	0.000263	0.00101	0.105	0.00000858	1.97	3.44	0.0439	0.000519	9.93	0.00183	0.0299	0.000298	0.000262	0.000119	0.113	0.00000226	0.000262	0.000577	0.00152	0.000434
2083 Jul	0.000314	0.000263	0.00101	0.106	0.00000859	1.97	3.45	0.0439	0.000521	9.95	0.00184	0.0299	0.000298	0.000262	0.000119	0.113	0.00000227	0.000263	0.000577	0.00152	0.000435
2083 Aug	0.000314	0.000263	0.00101	0.106	0.0000086	1.97	3.46	0.0439	0.000523	9.96	0.00184	0.0299	0.000298	0.000263	0.00012	0.113	0.00000227	0.000264	0.000577	0.00152	0.00044
2083 Sep	0.000314	0.000263	0.00101	0.105	0.0000086	1.97	3.46	0.0439	0.000525	9.96	0.00184	0.0298	0.000297	0.000263	0.00012	0.113	0.00000227	0.000265	0.000576	0.00152	0.000445
2083 Oct	0.000313	0.000261	0.00101	0.105	0.00000858	1.97	3.45	0.0436	0.000527	9.92	0.00184	0.0297	0.000295	0.000262	0.00012	0.113	0.00000227	0.000265	0.000572	0.00151	0.000445
2083 Nov	0.000313	0.00026	0.001	0.105	0.00000858	1.97	3.44	0.0435	0.000528	9.91	0.00183	0.0296	0.000294	0.000261	0.00012	0.113	0.00000227	0.000265	0.00057	0.00151	0.000446
2083 Dec	0.000313	0.00026	0.001	0.105	0.00000858	1.97	3.44	0.0435	0.000528	9.91	0.00184	0.0296	0.000294	0.000261	0.00012	0.113	0.00000227	0.000265	0.000571	0.00151	0.000447
2084 Jan	0.000313	0.00026	0.001	0.105	0.00000858	1.97	3.44	0.0435	0.000528	9.91	0.00184	0.0296	0.000294	0.000261	0.00012	0.113	0.00000227	0.000265	0.000571	0.00151	0.000447
2084 Feb	0.000313	0.00026	0.001	0.105	0.00000858	1.97	3.44	0.0435	0.000528	9.91	0.00184	0.0296	0.000294	0.000261	0.00012	0.113	0.00000227	0.000265	0.000571	0.00151	0.000447
2084 Mar	0.000313	0.00026	0.001	0.105	0.00000858	1.97	3.44	0.0435	0.000528	9.91	0.00184	0.0296	0.000294	0.000261	0.00012	0.113	0.00000227	0.000265	0.000571	0.00151	0.000447
2084 Apr	0.000313	0.000261	0.001	0.105	0.00000858	1.97	3.44	0.0435	0.000528	9.91	0.00184	0.0297	0.000294	0.000262	0.00012	0.113	0.00000227	0.000265	0.000571	0.00151	0.000447
2084 May	0.000313	0.000262	0.00101	0.105	0.00000858	1.98	3.45	0.0437	0.000529	9.9	0.00183	0.0296	0.000296	0.000261	0.00012	0.113	0.00000228	0.000265	0.000573	0.00151	0.000446
2084 Jun	0.000314	0.000264	0.001	0.106	0.00000853	1.98	3.43	0.0441	0.00053	9.86	0.00181	0.0292	0.000301	0.000258	0.000119	0.113	0.00000229	0.000265	0.000574	0.0015	0.00043
2084 Jul	0.000315	0.000264	0.001	0.106	0.00000854	1.99	3.44	0.0442	0.000532	9.89	0.00182	0.0292	0.000301	0.000258	0.000119	0.114	0.00000229	0.000266	0.000575	0.0015	0.000432
2084 Aug	0.000316	0.000265	0.001	0.106	0.00000856	1.99	3.45	0.0442	0.000534	9.91	0.00182	0.0293	0.000301	0.000259	0.00012	0.114	0.0000023	0.000267	0.000576	0.00151	0.000436
2084 Sep	0.000316	0.000264	0.001	0.106	0.00000857	1.99	3.46	0.0442	0.000535	9.92	0.00183	0.0292	0.000301	0.00026	0.00012	0.114	0.00000229	0.000268	0.000576	0.00151	0.000443
2084 Oct	0.000316	0.000264	0.001	0.106	0.00000856	1.99	3.46	0.0441	0.000537	9.9	0.00183	0.0292	0.0003	0.00026	0.00012	0.114	0.00000229	0.000268	0.000574	0.0015	0.000447
2084 Nov	0.000315	0.000264	0.001	0.105	0.00000856	1.99	3.46	0.0441	0.000537	9.9	0.00183	0.0291	0.000299	0.00026	0.00012	0.114	0.00000229	0.000268	0.000574	0.0015	0.000448
2084 Dec	0.000315	0.000264	0.001	0.105	0.00000856	1.99	3.46	0.0441	0.000537	9.9	0.00183	0.0291	0.000299	0.00026	0.00012	0.114	0.00000229	0.000268	0.000574	0.0015	0.000448
2085 Jan	0.000315	0.000264	0.001	0.105	0.00000856	1.99	3.46	0.0441	0.000537	9.9	0.00183	0.0291	0.000299	0.00026	0.00012	0.114	0.00000229	0.000268	0.000574	0.0015	0.000449
2085 Feb	0.000315	0.000264	0.001	0.105	0.00000856	1.99	3.46	0.0441	0.000537	9.9	0.00183	0.0291	0.000299	0.00026	0.00012	0.114	0.00000229	0.000268	0.000574	0.0015	0.000449
2085 Mar	0.000315	0.000264	0.001	0.105	0.00000856	1.99	3.46	0.0441	0.000537	9.9	0.00183	0.0291	0.000299	0.00026	0.00012	0.114	0.00000229	0.000268	0.000574	0.0015	0.000449
2085 Apr	0.000315	0.000264	0.001	0.106	0.00000856	1.99	3.46	0.0441	0.000538	9.9	0.00183	0.0291	0.000299	0.00026	0.00012	0.114	0.0000023	0.000268	0.000574	0.0015	0.000449
2085 May	0.000316	0.000265	0.00101	0.106	0.00000856	1.99	3.46	0.0443	0.000538	9.89	0.00183	0.029	0.000301	0.00026	0.00012	0.114	0.0000023	0.000268	0.000576	0.0015	0.000448
2085 Jun	0.000317	0.000267	0.001	0.106	0.00000855	2	3.46	0.0447	0.00054	9.88	0.00182	0.0288	0.000305	0.000258	0.00012	0.114	0.00000231	0.000268	0.000578	0.0015	0.00044
2085 Jul	0.000318	0.000268	0.00101	0.107	0.00000857	2.01	3.47	0.0448	0.000542	9.9	0.00183	0.0289	0.000306	0.000259	0.00012	0.115	0.00000231	0.000269	0.000579	0.0015	0.000444
2085 Aug	0.000318	0.000268	0.00101	0.107	0.00000858	2.01	3.48	0.0448	0.000543	9.92	0.00183	0.0288	0.000305	0.00026	0.000121	0.115	0.00000231	0.00027	0.000579	0.0015	0.000451
2085 Sep	0.000318	0.000267	0.00101	0.106	0.00000858	2.01	3.48	0.0447	0.000546	9.91	0.00183	0.0287	0.000305	0.00026	0.000121	0.115	0.00000231	0.00027	0.000578	0.0015	0.000457
2085 Oct	0.000318	0.000267	0.00101	0.106	0.00000857	2.01	3.48	0.0446	0.000548	9.88	0.00183	0.0286	0.000303	0.000259	0.000121	0.115	0.00000231	0.000271	0.000576	0.00149	0.00046
2085 Nov	0.000318	0.000266	0.00101	0.106	0.00000856	2.01	3.48	0.0446	0.000549	9.87	0.00183	0.0286	0.000303	0.000259	0.000121	0.115	0.00000232	0.000271	0.000574	0.00149	0.000461
2085 Dec	0.000318	0.000266	0.00101	0.106	0.00000856	2.01	3.48	0.0446	0.000549	9.87	0.00183	0.0286	0.000303	0.000259	0.000121	0.115	0.00000232	0.000271	0.000574	0.00149	0.000462
2086 Jan	0.000318	0.000266	0.00101	0.106	0.00000856	2.01	3.48	0.0446	0.000549	9.87	0.00183	0.0286	0.000303	0.000259	0.000121	0.115	0.00000232	0.000271	0.000574	0.00149	0.000462
2086 Feb	0.000318	0.000266	0.00101	0.106	0.00000856	2.01	3.48	0.0446	0.000549	9.87	0.00183	0.0286	0.000303	0.000259	0.000121	0.115	0.00000232	0.000271	0.000574	0.00149	0.000462
2086 Mar	0.000318	0.000266	0.00101	0.106	0.00000856	2.01	3.48	0.0446	0.000549	9.87	0.00183	0.0286	0.000303	0.000259	0.000121	0.115	0.00000232	0.000271	0.000574	0.00149	0.000462
2086 Apr	0.000318	0.000266	0.00101	0.106	0.00000857	2.01	3.48	0.0446	0.00055	9.87	0.00183	0.0286	0.000303	0.000259	0.000121	0.115	0.00000232	0.000271	0.000575	0.00149	0.000462
2086 May	0.000318	0.000267	0.00101	0.106	0.00000857	2.01	3.48	0.0447	0.00055	9.88	0.00183	0.0286	0.000303	0.000259	0.000121	0.115	0.00000232	0.000271	0.000575	0.00149	0.000463
2086 Jun	0.000319	0.000268	0.001	0.107	0.00000853	2.01	3.46	0.0449	0.000552	9.82	0.00181	0.0282	0.000307	0.000256	0.00012	0.115	0.00000233	0.00027	0.000576	0.00148	0.000446
2086 Jul	0.000319	0.000268	0.001	0.107	0.00000853	2.02	3.46	0.0449	0.000555	9.84	0.00181	0.0282	0.000307	0.000256	0.000121	0.115	0.00000234	0.000272	0.000576	0.00148	0.000447
2086 Aug	0.00032	0.000268	0.001	0.107	0.00000855	2.03	3.48	0.045	0.000557	9.86	0.00182	0.0282	0.000307	0.000257	0.000121	0.116	0.00000234	0.000273	0.000577	0.00149	0.000454
2086 Sep	0.00032	0.000268	0.001	0.106	0.00000855	2.03	3.48	0.045	0.000558	9.86	0.00183	0.0281	0.000306	0.000258	0.000121	0.116	0.00000234	0.000273	0.000576	0.00148	0.000463
2086 Oct	0.00032	0.000268	0.00101	0.106	0.00000856	2.03	3.49	0.0449	0.00056	9.85	0.00183	0.0281	0.000306	0.000259	0.000122	0.116	0.00000234	0.000274	0.000576	0.00148	0.000469
2086 Nov	0.00032	0.000268	0.00101	0.106	0.00000856	2.03	3.49	0.0449	0.00056	9.85	0.00183	0.0281	0.000306	0.000259	0.000122	0.116	0.00000234	0.000274	0.000576	0.00148	0.00047
2086 Dec	0.00032	0.000268	0.00101	0.106	0.00000856	2.03	3.49	0.0449	0.00056	9.85	0.00183	0.0281	0.000306	0.000259	0.000122	0.116	0.00000234	0.000274	0.000576	0.00148	0.00047
2087 Jan	0.00032	0.000268	0.00101	0.106	0.00000856	2.03	3.49	0.0449	0.00056	9.85	0.00183	0.0281	0.000306	0.000259	0.000122	0.116	0.00000234	0.000274	0.000576	0.00148	0.00047
2087 Feb	0.00032	0.000268	0.00101	0.106	0.00000856	2.03	3.49	0.0449	0.00056	9.85	0.00183	0.0281	0.000306	0.000259	0.000122	0.116	0.00000234	0.000274	0.000576	0.00148	0.00047
2087 Mar	0.00032	0.000268	0.00101	0.106	0.00000856	2.03	3.49	0.0449	0.00056	9.85	0.00183	0.0281	0.000306	0.000259	0.000122	0.116	0.00000234	0.000274	0.000576	0.00148	0.00047
2087 Apr	0.00032	0.000268	0.00101	0.106	0.00000856	2.03	3.49	0.045	0.00056	9.86	0.00183	0.0281	0.000306	0.000259	0.000122	0.116	0.00000234	0.000274	0.000576	0.00148	0.00047
2087 May	0.00032	0.000269	0.00101	0.107	0.00000856	2.03	3.49	0.0451	0.00056	9.85	0.00183	0.028	0.000307	0.000259	0.000122	0.116	0.00000234	0.000274	0.000577	0.00148	0.000468
2087 Jun	0.000321	0.00027	0.001	0.107	0.00000855	2.03	3.48	0.0454	0.000561	9.83	0.00182	0.0278	0.00031	0.000257	0.000121	0.116	0.00000235	0.000273	0.000579	0.00148	0.000455
2087 Jul	0.000322	0.000271	0.00101	0.107	0.00000857	2.04	3.49	0.0454	0.000563	9.85	0.00182	0.0278	0.000311	0.000257	0.000122	0.116	0.00000236	0.000274	0.00058	0.00148	0.00046
2087 Aug	0.000322	0.000271	0.00101	0.108	0.00000859	2.04	3.5	0.0455	0.000564	9.87	0.00183	0.0278	0.000311	0.000258	0.000122	0.117	0.00000236	0.000275	0.000581	0.00149	0.000464

Appendix C.3-4: FZONE Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2087 Sep	0.000323	0.000271	0.00101	0.108	0.0000086	2.05	3.51	0.0456	0.000566	9.88	0.00183	0.0278	0.000311	0.000259	0.000122	0.117	0.00000236	0.000276	0.000581	0.00149	0.000471
2087 Oct	0.000323	0.000271	0.00101	0.107	0.0000086	2.05	3.52	0.0455	0.000567	9.88	0.00184	0.0278	0.00031	0.00026	0.000123	0.117	0.00000236	0.000276	0.000581	0.00149	0.000477
2087 Nov	0.000323	0.000271	0.00101	0.107	0.0000086	2.05	3.52	0.0455	0.000567	9.88	0.00184	0.0278	0.00031	0.00026	0.000123	0.117	0.00000236	0.000276	0.000581	0.00149	0.000478
2087 Dec	0.000323	0.000271	0.00101	0.107	0.0000086	2.05	3.52	0.0455	0.000567	9.88	0.00184	0.0278	0.00031	0.00026	0.000123	0.117	0.00000236	0.000276	0.000581	0.00149	0.000479
2088 Jan	0.000323	0.000271	0.00101	0.107	0.0000086	2.05	3.52	0.0455	0.000567	9.88	0.00184	0.0278	0.00031	0.00026	0.000123	0.117	0.00000236	0.000276	0.000581	0.00149	0.000479
2088 Feb	0.000323	0.000271	0.00101	0.107	0.0000086	2.05	3.52	0.0455	0.000567	9.88	0.00184	0.0278	0.00031	0.00026	0.000123	0.117	0.00000236	0.000276	0.000581	0.00149	0.000479
2088 Mar	0.000323	0.000271	0.00101	0.107	0.0000086	2.05	3.52	0.0455	0.000567	9.88	0.00184	0.0278	0.00031	0.00026	0.000123	0.117	0.00000236	0.000277	0.000581	0.00149	0.000479
2088 Apr	0.000323	0.000271	0.00101	0.107	0.00000861	2.05	3.52	0.0456	0.000567	9.88	0.00184	0.0278	0.00031	0.00026	0.000123	0.117	0.00000236	0.000277	0.000581	0.00149	0.00048
2088 May	0.000323	0.000272	0.00101	0.108	0.00000862	2.05	3.53	0.0456	0.000568	9.89	0.00184	0.0278	0.000311	0.00026	0.000123	0.117	0.00000236	0.000277	0.000582	0.00149	0.00048
2088 Jun	0.000323	0.000271	0.00101	0.108	0.00000863	2.04	3.51	0.0455	0.000566	9.84	0.00183	0.0276	0.00031	0.000259	0.000122	0.117	0.00000237	0.000276	0.000581	0.00149	0.000471
2088 Jul	0.000324	0.000271	0.00101	0.108	0.00000866	2.05	3.51	0.0455	0.000568	9.85	0.00183	0.0276	0.00031	0.00026	0.000122	0.117	0.00000238	0.000277	0.000582	0.0015	0.000471
2088 Aug	0.000325	0.000272	0.00101	0.108	0.00000869	2.05	3.52	0.0456	0.00057	9.88	0.00184	0.0276	0.000311	0.000261	0.000123	0.117	0.00000238	0.000278	0.000584	0.0015	0.000476
2088 Sep	0.000325	0.000272	0.00102	0.108	0.0000087	2.06	3.53	0.0457	0.000571	9.89	0.00185	0.0276	0.000311	0.000262	0.000123	0.117	0.00000238	0.000278	0.000584	0.0015	0.000482
2088 Oct	0.000324	0.000271	0.00101	0.108	0.00000869	2.06	3.53	0.0455	0.000572	9.88	0.00185	0.0275	0.00031	0.000262	0.000123	0.117	0.00000238	0.000279	0.000583	0.0015	0.000487
2088 Nov	0.000324	0.000271	0.00101	0.108	0.00000869	2.05	3.53	0.0455	0.000572	9.88	0.00185	0.0275	0.000309	0.000262	0.000123	0.117	0.00000238	0.000279	0.000583	0.0015	0.000488
2088 Dec	0.000324	0.000271	0.00101	0.108	0.00000869	2.05	3.53	0.0455	0.000572	9.88	0.00185	0.0275	0.000309	0.000262	0.000123	0.117	0.00000238	0.000279	0.000583	0.0015	0.000488
2089 Jan	0.000324	0.000271	0.00101	0.108	0.00000869	2.05	3.53	0.0455	0.000572	9.88	0.00185	0.0275	0.000309	0.000262	0.000123	0.117	0.00000238	0.000279	0.000583	0.0015	0.000488
2089 Feb	0.000324	0.000271	0.00101	0.108	0.00000869	2.05	3.53	0.0455	0.000572	9.88	0.00185	0.0275	0.000309	0.000262	0.000123	0.117	0.00000238	0.000279	0.000583	0.0015	0.000488
2089 Mar	0.000324	0.000271	0.00102	0.108	0.0000087	2.05	3.53	0.0455	0.000572	9.88	0.00185	0.0275	0.000309	0.000262	0.000123	0.117	0.00000238	0.000279	0.000583	0.0015	0.000488
2089 Apr	0.000325	0.000271	0.00102	0.108	0.0000087	2.06	3.53	0.0455	0.000572	9.88	0.00185	0.0275	0.000309	0.000262	0.000123	0.117	0.00000238	0.000279	0.000583	0.0015	0.000488
2089 May	0.000325	0.000272	0.00102	0.108	0.00000871	2.06	3.54	0.0457	0.000572	9.87	0.00185	0.0274	0.000311	0.000262	0.000123	0.117	0.00000238	0.000278	0.000585	0.0015	0.000485
2089 Jun	0.000327	0.000274	0.00102	0.109	0.00000875	2.06	3.53	0.0461	0.000571	9.84	0.00184	0.0272	0.000315	0.000261	0.000123	0.118	0.00000239	0.000277	0.00059	0.00151	0.000474
2089 Jul	0.000327	0.000275	0.00102	0.109	0.00000877	2.06	3.54	0.0462	0.000573	9.86	0.00185	0.0272	0.000316	0.000262	0.000123	0.118	0.0000024	0.000278	0.000591	0.00151	0.00048
2089 Aug	0.000328	0.000275	0.00102	0.11	0.00000879	2.07	3.56	0.0463	0.000574	9.88	0.00186	0.0272	0.000316	0.000263	0.000124	0.118	0.0000024	0.000279	0.000592	0.00152	0.000487
2089 Sep	0.000328	0.000275	0.00102	0.11	0.0000088	2.07	3.57	0.0463	0.000576	9.89	0.00186	0.0272	0.000316	0.000264	0.000124	0.118	0.0000024	0.00028	0.000592	0.00152	0.000496
2089 Oct	0.000328	0.000275	0.00102	0.109	0.00000881	2.07	3.56	0.0462	0.000577	9.85	0.00186	0.027	0.000314	0.000263	0.000124	0.118	0.0000024	0.000279	0.00059	0.00151	0.0005
2089 Nov	0.000327	0.000275	0.00102	0.109	0.00000881	2.07	3.56	0.0461	0.000577	9.85	0.00186	0.027	0.000314	0.000263	0.000124	0.118	0.0000024	0.000279	0.00059	0.00151	0.0005
2089 Dec	0.000327	0.000275	0.00102	0.109	0.00000881	2.07	3.56	0.0461	0.000577	9.85	0.00186	0.027	0.000314	0.000263	0.000124	0.118	0.0000024	0.000279	0.00059	0.00151	0.000501
2090 Jan	0.000327	0.000275	0.00102	0.109	0.00000881	2.07	3.56	0.0461	0.000577	9.85	0.00186	0.027	0.000314	0.000263	0.000124	0.118	0.0000024	0.000279	0.00059	0.00151	0.000501
2090 Feb	0.000328	0.000275	0.00102	0.109	0.00000881	2.07	3.56	0.0461	0.000577	9.85	0.00186	0.027	0.000314	0.000263	0.000124	0.118	0.0000024	0.000279	0.00059	0.00151	0.000501
2090 Mar	0.000328	0.000275	0.00102	0.109	0.00000881	2.07	3.56	0.0461	0.000577	9.85	0.00186	0.027	0.000314	0.000263	0.000124	0.118	0.0000024	0.000279	0.00059	0.00151	0.000501
2090 Apr	0.000328	0.000275	0.00102	0.109	0.00000881	2.07	3.56	0.0462	0.000577	9.85	0.00186	0.027	0.000314	0.000263	0.000124	0.118	0.0000024	0.000279	0.00059	0.00151	0.000501
2090 May	0.000328	0.000275	0.00103	0.11	0.00000882	2.07	3.57	0.0462	0.000578	9.85	0.00186	0.027	0.000315	0.000264	0.000124	0.118	0.0000024	0.000279	0.000591	0.00151	0.000504
2090 Jun	0.000329	0.000278	0.00102	0.111	0.00000883	2.07	3.57	0.0468	0.000579	9.77	0.00185	0.0265	0.000321	0.000262	0.000124	0.119	0.00000241	0.000278	0.000596	0.00151	0.000498
2090 Jul	0.00033	0.000279	0.00103	0.111	0.00000885	2.08	3.57	0.0468	0.000581	9.79	0.00186	0.0265	0.000321	0.000262	0.000124	0.119	0.00000242	0.000279	0.000597	0.00152	0.000499
2090 Aug	0.00033	0.000278	0.00103	0.111	0.00000886	2.08	3.57	0.0467	0.000583	9.79	0.00186	0.0264	0.00032	0.000263	0.000124	0.119	0.00000242	0.00028	0.000596	0.00152	0.000504
2090 Sep	0.000329	0.000276	0.00102	0.11	0.00000885	2.08	3.57	0.0465	0.000587	9.77	0.00185	0.0262	0.000317	0.000262	0.000124	0.119	0.00000243	0.00028	0.000592	0.00151	0.000506
2090 Oct	0.000328	0.000274	0.00102	0.109	0.00000882	2.08	3.54	0.046	0.000591	9.73	0.00184	0.0261	0.000313	0.00026	0.000124	0.118	0.00000244	0.000281	0.000585	0.0015	0.000501
2090 Nov	0.000328	0.000273	0.00102	0.109	0.00000881	2.08	3.54	0.0458	0.000593	9.72	0.00184	0.0261	0.000312	0.000259	0.000123	0.118	0.00000244	0.000281	0.000583	0.0015	0.000501
2090 Dec	0.000328	0.000273	0.00102	0.109	0.00000881	2.08	3.54	0.0458	0.000593	9.72	0.00184	0.0261	0.000312	0.000259	0.000123	0.118	0.00000244	0.000281	0.000583	0.0015	0.000501
2091 Jan	0.000328	0.000273	0.00102	0.109	0.00000881	2.08	3.54	0.0458	0.000593	9.72	0.00184	0.0261	0.000312	0.000259	0.000123	0.118	0.00000244	0.000281	0.000583	0.0015	0.000502
2091 Feb	0.000328	0.000273	0.00102	0.109	0.00000881	2.08	3.54	0.0458	0.000593	9.72	0.00184	0.0261	0.000312	0.000259	0.000123	0.118	0.00000244	0.000281	0.000583	0.0015	0.000502
2091 Mar	0.000328	0.000273	0.00102	0.109	0.00000881	2.08	3.54	0.0458	0.000593	9.72	0.00184	0.0261	0.000312	0.000259	0.000123	0.118	0.00000244	0.000281	0.000583	0.0015	0.000502
2091 Apr	0.000328	0.000273	0.00102	0.109	0.00000881	2.08	3.54	0.0458	0.000593	9.73	0.00184	0.0261	0.000312	0.000259	0.000124	0.118	0.00000244	0.000281	0.000583	0.0015	0.000502
2091 May	0.000328	0.000274	0.00102	0.109	0.00000882	2.08	3.54	0.0459	0.000594	9.73	0.00184	0.0261	0.000313	0.000259	0.000124	0.118	0.00000244	0.000281	0.000584	0.0015	0.000501
2091 Jun	0.00033	0.000275	0.00102	0.11	0.00000879	2.09	3.53	0.0463	0.000598	9.71	0.00182	0.0258	0.000316	0.000256	0.000123	0.119	0.00000246	0.000281	0.000586	0.00149	0.000485
2091 Jul	0.00033	0.000276	0.00102	0.11	0.00000881	2.09	3.54	0.0464	0.0006	9.73	0.00183	0.0259	0.000317	0.000257	0.000124	0.119	0.00000247	0.000282	0.000587	0.0015	0.000488
2091 Aug	0.000331	0.000276	0.00102	0.11	0.00000882	2.1	3.55	0.0464	0.000602	9.75	0.00184	0.0258	0.000316	0.000258	0.000124	0.119	0.00000247	0.000283	0.000587	0.0015	0.000497
2091 Sep	0.000331	0.000276	0.00102	0.11	0.00000882	2.1	3.56	0.0463	0.000604	9.75	0.00184	0.0258	0.000316	0.000259	0.000124	0.119	0.00000247	0.000284	0.000586	0.00149	0.000505
2091 Oct	0.00033	0.000275	0.00102	0.109	0.00000881	2.1	3.55	0.0462	0.000606	9.72	0.00184	0.0257	0.000314	0.000258	0.000124	0.119	0.00000247	0.000284	0.000583	0.00149	0.000509
2091 Nov	0.00033	0.000274	0.00102	0.109	0.0000088	2.1	3.54	0.046	0.000608	9.71	0.00183	0.0256	0.000312	0.000257	0.000124	0.119	0.00000247	0.000284	0.000581	0.00149	0.000507
2091 Dec	0.00033	0.000274	0.00102	0.109	0.0000088	2.1	3.54	0.046	0.000608	9.7	0.00183	0.0256	0.000312	0.000257	0.000124	0.119	0.00000247	0.000284	0.000581	0.00149	0.000508
2092 Jan	0.00033	0.000274	0.00102	0.109	0.0000088	2.1	3.54	0.046	0.000608	9.7	0.00183	0.0256	0.000312	0.000257	0.000124	0.119	0.00000247	0.000284	0.000581	0.00149	0.000508
2092 Feb	0.00033	0.000274	0.00102	0.109	0.0000088	2.1	3.54	0.046	0.000608	9.7	0.00183	0.0256	0.000312	0.000257	0.000124	0.119	0.00000247	0.000284	0.000581	0.00149	0.000509
2092 Mar	0.00033	0.000274	0.00102	0.109	0.0000088	2.1	3.54	0.046	0.000608	9.71	0.00183	0.0256	0.000312	0.000257	0.000124	0.119	0.00000247	0.000284	0.000581	0.00149	0.000509
2092 Apr	0.00033	0.000274	0.00102	0.109	0.00000881	2.1	3.55	0.046	0.000609	9.71	0.00183	0.0256	0.000312	0.000257	0.000124	0.119	0.00000247	0.000284	0.000581	0.00149	0.000509
2092 May	0.00033	0.000275	0.00102	0.109	0.00000881	2.1	3.55	0.0461	0.00061	9.71	0.00184	0.0256	0.000314	0.000257	0.000124	0.119	0.00000248	0.000284	0.000582	0.00149	0.000511
2092 Jun	0.000331	0.000277	0.00101	0.11	0.00000873	2.11	3.53	0.0466	0.000615	9.64	0.00181	0.0252	0.000319	0.000254	0.000124	0.12	0.0000025	0.000283	0.000584	0.00147	0.000493
2092 Jul	0.000331	0.000276	0.00101	0.11	0.00000871	2.11	3.53	0.0466	0.000618	9.65	0.00181	0.0251	0.000318	0.000254	0.000124	0.12	0.00000251	0.000285	0.000583	0.00147	0.000493
2092 Aug	0.000332	0.000277	0.00101	0.11	0.00000874	2.12	3.54	0.0467	0.00062	9.67	0.00182	0.0251	0.000319	0.000255	0.000125	0.12	0.00000251	0.000286	0.000584	0.00147	0.000501
2092 Sep	0.000332	0.000277	0.00101	0.11	0.00000874	2.12	3.56	0.0467	0.000622	9.67	0.00183	0.0251	0.000318	0.000257	0.000125	0.12	0.00000251	0.000287	0.000584	0.00147	0.000515
2092 Oct	0.000332	0.000276	0.00101	0.109	0.00000874	2.12	3.56	0.0466	0.000623	9.67	0.00183	0.0251	0.000317	0.000257	0.000125	0.12	0.00000251	0.000287	0.000583	0.00147	0.000525
2092 Nov	0.000332	0.000276	0.00101	0.109	0.00000874	2.12	3.56	0.0466	0.000623	9.66	0.00183	0.025	0.000317	0.000258	0.000125	0.12	0.00000251	0.000287	0.000583	0.00147	0.000529
2092 Dec	0.000332	0.000276	0.00101	0.109	0.00000874	2.12	3.56	0.0466	0.000623	9.66	0.00183	0.025	0.000317	0.000258	0.000125	0.12	0.00000251	0.000287	0.000583	0.00147	0.000529
2093 Jan	0.000332	0.000276	0.00101	0.109	0.00000874	2.12	3.56	0.0466	0.000623	9.66	0.00183	0.025	0.000317	0.000258	0.000125	0.12	0.00000251	0.000287	0.000583	0.00147	0.000529

Appendix C.3-4: FZONE Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2093 Feb	0.000332	0.000276	0.00101	0.109	0.00000874	2.12	3.56	0.0466	0.000623	9.66	0.00183	0.025	0.000317	0.000258	0.000125	0.12	0.00000251	0.000287	0.000583	0.00147	0.000529
2093 Mar	0.000332	0.000276	0.00101	0.109	0.00000875	2.12	3.57	0.0466	0.000623	9.67	0.00183	0.0251	0.000317	0.000258	0.000125	0.12	0.00000251	0.000287	0.000583	0.00147	0.000529
2093 Apr	0.000332	0.000276	0.00101	0.109	0.00000875	2.12	3.57	0.0466	0.000624	9.67	0.00183	0.0251	0.000317	0.000258	0.000125	0.12	0.00000251	0.000287	0.000583	0.00147	0.00053
2093 May	0.000332	0.000277	0.00102	0.11	0.00000876	2.12	3.57	0.0468	0.000624	9.67	0.00184	0.025	0.000318	0.000258	0.000126	0.12	0.00000251	0.000287	0.000585	0.00147	0.000531
2093 Jun	0.000333	0.000279	0.00101	0.11	0.00000872	2.12	3.56	0.0472	0.000626	9.64	0.00182	0.0248	0.000323	0.000256	0.000125	0.121	0.00000252	0.000287	0.000588	0.00147	0.000515
2093 Jul	0.000334	0.00028	0.00101	0.11	0.00000874	2.13	3.57	0.0472	0.000628	9.66	0.00183	0.0248	0.000323	0.000257	0.000126	0.121	0.00000253	0.000288	0.000589	0.00147	0.000518
2093 Aug	0.000335	0.00028	0.00102	0.11	0.00000876	2.13	3.58	0.0473	0.000629	9.68	0.00183	0.0248	0.000323	0.000258	0.000126	0.121	0.00000253	0.000289	0.00059	0.00148	0.000524
2093 Sep	0.000335	0.00028	0.00102	0.11	0.00000877	2.14	3.59	0.0473	0.000631	9.69	0.00184	0.0248	0.000323	0.000259	0.000126	0.121	0.00000253	0.000289	0.00059	0.00148	0.000533
2093 Oct	0.000334	0.000279	0.00101	0.11	0.00000875	2.13	3.58	0.0471	0.000633	9.66	0.00184	0.0247	0.000321	0.000258	0.000126	0.121	0.00000253	0.000289	0.000587	0.00147	0.000537
2093 Nov	0.000334	0.000278	0.00101	0.11	0.00000875	2.13	3.58	0.047	0.000634	9.64	0.00183	0.0246	0.00032	0.000258	0.000126	0.121	0.00000253	0.000289	0.000585	0.00147	0.000537
2093 Dec	0.000334	0.000278	0.00101	0.11	0.00000875	2.13	3.58	0.047	0.000634	9.64	0.00183	0.0246	0.00032	0.000258	0.000126	0.121	0.00000253	0.000289	0.000585	0.00147	0.000537
2094 Jan	0.000334	0.000278	0.00101	0.11	0.00000875	2.13	3.58	0.047	0.000634	9.64	0.00183	0.0246	0.00032	0.000258	0.000126	0.121	0.00000253	0.000289	0.000585	0.00147	0.000537
2094 Feb	0.000334	0.000278	0.00101	0.11	0.00000875	2.13	3.58	0.047	0.000634	9.64	0.00183	0.0246	0.00032	0.000258	0.000126	0.121	0.00000253	0.000289	0.000585	0.00147	0.000537
2094 Mar	0.000334	0.000278	0.00101	0.11	0.00000875	2.13	3.58	0.047	0.000634	9.64	0.00183	0.0246	0.00032	0.000258	0.000126	0.121	0.00000253	0.000289	0.000585	0.00147	0.000537
2094 Apr	0.000334	0.000278	0.00101	0.11	0.00000875	2.13	3.58	0.047	0.000634	9.65	0.00183	0.0246	0.00032	0.000258	0.000126	0.121	0.00000254	0.000289	0.000586	0.00147	0.000537
2094 May	0.000334	0.000279	0.00101	0.11	0.00000875	2.13	3.58	0.0471	0.000635	9.64	0.00183	0.0246	0.000321	0.000258	0.000126	0.121	0.00000254	0.000289	0.000587	0.00147	0.000537
2094 Jun	0.000335	0.000281	0.00101	0.11	0.00000874	2.14	3.58	0.0474	0.000638	9.62	0.00183	0.0244	0.000324	0.000257	0.000126	0.122	0.00000255	0.000289	0.000589	0.00147	0.000532
2094 Jul	0.000336	0.000281	0.00102	0.111	0.00000877	2.15	3.59	0.0476	0.000641	9.65	0.00183	0.0245	0.000325	0.000258	0.000127	0.122	0.00000256	0.000291	0.000591	0.00147	0.000537
2094 Aug	0.000337	0.000282	0.00102	0.111	0.00000879	2.15	3.61	0.0477	0.000643	9.68	0.00184	0.0245	0.000326	0.000259	0.000127	0.122	0.00000256	0.000292	0.000593	0.00147	0.000546
2094 Sep	0.000337	0.000282	0.00102	0.111	0.0000088	2.15	3.62	0.0477	0.000644	9.68	0.00185	0.0245	0.000325	0.00026	0.000128	0.123	0.00000256	0.000292	0.000592	0.00147	0.000556
2094 Oct	0.000337	0.000281	0.00102	0.111	0.0000088	2.15	3.62	0.0476	0.000645	9.67	0.00185	0.0244	0.000324	0.000261	0.000128	0.122	0.00000256	0.000293	0.000591	0.00147	0.000566
2094 Nov	0.000336	0.000281	0.00102	0.11	0.0000088	2.15	3.62	0.0475	0.000646	9.66	0.00185	0.0243	0.000323	0.00026	0.000128	0.122	0.00000256	0.000293	0.00059	0.00147	0.000573
2094 Dec	0.000336	0.000281	0.00102	0.11	0.0000088	2.15	3.62	0.0475	0.000646	9.66	0.00185	0.0243	0.000323	0.00026	0.000128	0.122	0.00000255	0.000293	0.00059	0.00147	0.000573
2095 Jan	0.000336	0.000281	0.00102	0.11	0.0000088	2.15	3.62	0.0475	0.000646	9.66	0.00185	0.0243	0.000323	0.000261	0.000128	0.122	0.00000255	0.000293	0.00059	0.00147	0.000574
2095 Feb	0.000336	0.000281	0.00102	0.11	0.0000088	2.15	3.62	0.0475	0.000646	9.66	0.00185	0.0243	0.000323	0.000261	0.000128	0.122	0.00000255	0.000293	0.00059	0.00147	0.000574
2095 Mar	0.000336	0.000281	0.00102	0.11	0.0000088	2.15	3.62	0.0475	0.000646	9.66	0.00185	0.0243	0.000323	0.000261	0.000128	0.122	0.00000255	0.000293	0.00059	0.00147	0.000574
2095 Apr	0.000337	0.000281	0.00102	0.11	0.0000088	2.15	3.62	0.0476	0.000646	9.66	0.00185	0.0243	0.000323	0.000261	0.000128	0.122	0.00000256	0.000293	0.00059	0.00147	0.000574
2095 May	0.000337	0.000282	0.00102	0.111	0.00000881	2.15	3.63	0.0477	0.000647	9.66	0.00185	0.0243	0.000325	0.00026	0.000128	0.123	0.00000256	0.000292	0.000592	0.00147	0.000569
2095 Jun	0.000339	0.000284	0.00102	0.112	0.00000882	2.16	3.63	0.0481	0.000648	9.66	0.00185	0.0242	0.000329	0.000259	0.000128	0.123	0.00000257	0.000292	0.000596	0.00147	0.00056
2095 Jul	0.00034	0.000285	0.00103	0.112	0.00000885	2.17	3.64	0.0482	0.000651	9.69	0.00186	0.0242	0.000329	0.00026	0.000128	0.124	0.00000258	0.000293	0.000597	0.00148	0.000564
2095 Aug	0.00034	0.000285	0.00103	0.112	0.00000886	2.17	3.65	0.0482	0.000652	9.71	0.00186	0.0242	0.000329	0.000261	0.000129	0.124	0.00000258	0.000294	0.000597	0.00148	0.000571
2095 Sep	0.00034	0.000285	0.00103	0.112	0.00000887	2.17	3.66	0.0482	0.000653	9.71	0.00187	0.0242	0.000329	0.000261	0.000129	0.124	0.00000258	0.000295	0.000597	0.00148	0.000578
2095 Oct	0.00034	0.000285	0.00103	0.112	0.00000887	2.17	3.66	0.0482	0.000654	9.71	0.00187	0.0241	0.000328	0.000262	0.000129	0.124	0.00000257	0.000295	0.000596	0.00147	0.000585
2095 Nov	0.00034	0.000285	0.00103	0.112	0.00000888	2.17	3.66	0.0482	0.000654	9.7	0.00187	0.0241	0.000328	0.000262	0.000129	0.124	0.00000257	0.000295	0.000596	0.00147	0.000589
2095 Dec	0.00034	0.000285	0.00103	0.112	0.00000888	2.17	3.66	0.0482	0.000654	9.7	0.00187	0.0241	0.000328	0.000262	0.000129	0.124	0.00000257	0.000295	0.000596	0.00147	0.000589
2096 Jan	0.00034	0.000285	0.00103	0.112	0.00000888	2.17	3.66	0.0482	0.000654	9.7	0.00187	0.0241	0.000328	0.000262	0.000129	0.124	0.00000257	0.000295	0.000596	0.00147	0.00059
2096 Feb	0.00034	0.000285	0.00103	0.112	0.00000888	2.17	3.66	0.0482	0.000654	9.7	0.00187	0.0241	0.000328	0.000262	0.000129	0.124	0.00000257	0.000295	0.000596	0.00147	0.00059
2096 Mar	0.00034	0.000285	0.00103	0.112	0.00000888	2.17	3.66	0.0482	0.000654	9.7	0.00187	0.0241	0.000328	0.000262	0.000129	0.124	0.00000257	0.000295	0.000596	0.00147	0.00059
2096 Apr	0.00034	0.000285	0.00103	0.112	0.00000888	2.17	3.66	0.0482	0.000654	9.7	0.00187	0.0241	0.000328	0.000262	0.000129	0.124	0.00000257	0.000295	0.000596	0.00147	0.00059
2096 May	0.00034	0.000285	0.00103	0.112	0.00000889	2.17	3.67	0.0483	0.000655	9.69	0.00187	0.024	0.000329	0.000262	0.000129	0.124	0.00000257	0.000295	0.000597	0.00147	0.000595
2096 Jun	0.000341	0.000288	0.00103	0.113	0.00000889	2.17	3.65	0.0487	0.000656	9.6	0.00185	0.0236	0.000334	0.00026	0.000129	0.124	0.00000259	0.000292	0.000601	0.00147	0.000575
2096 Jul	0.000342	0.000288	0.00103	0.113	0.0000089	2.18	3.66	0.0488	0.000659	9.62	0.00185	0.0236	0.000334	0.00026	0.000129	0.124	0.00000261	0.000294	0.000602	0.00148	0.000573
2096 Aug	0.000343	0.000289	0.00103	0.113	0.00000892	2.18	3.67	0.0489	0.000661	9.65	0.00186	0.0236	0.000335	0.000261	0.000129	0.125	0.00000261	0.000295	0.000603	0.00148	0.000579
2096 Sep	0.000343	0.000288	0.00103	0.113	0.00000893	2.18	3.67	0.0488	0.000662	9.65	0.00187	0.0236	0.000334	0.000261	0.000129	0.125	0.00000261	0.000295	0.000603	0.00148	0.000586
2096 Oct	0.000342	0.000287	0.00103	0.113	0.00000892	2.18	3.67	0.0486	0.000663	9.63	0.00187	0.0235	0.000332	0.000261	0.000129	0.124	0.00000261	0.000295	0.0006	0.00148	0.000593
2096 Nov	0.000342	0.000287	0.00103	0.113	0.00000892	2.18	3.67	0.0486	0.000664	9.63	0.00186	0.0235	0.000331	0.000261	0.000129	0.124	0.00000261	0.000295	0.0006	0.00148	0.000594
2096 Dec	0.000342	0.000287	0.00103	0.113	0.00000892	2.18	3.67	0.0486	0.000664	9.63	0.00186	0.0235	0.000331	0.000261	0.000129	0.124	0.00000261	0.000295	0.0006	0.00148	0.000594
2097 Jan	0.000342	0.000287	0.00103	0.113	0.00000892	2.18	3.67	0.0486	0.000664	9.63	0.00186	0.0235	0.000331	0.000261	0.000129	0.124	0.00000261	0.000295	0.0006	0.00148	0.000594
2097 Feb	0.000342	0.000287	0.00103	0.113	0.00000892	2.18	3.67	0.0486	0.000664	9.63	0.00186	0.0235	0.000331	0.000261	0.000129	0.124	0.00000261	0.000295	0.0006	0.00148	0.000594
2097 Mar	0.000342	0.000287	0.00103	0.113	0.00000892	2.18	3.67	0.0486	0.000664	9.63	0.00187	0.0235	0.000331	0.000261	0.000129	0.124	0.00000261	0.000295	0.0006	0.00148	0.000595
2097 Apr	0.000342	0.000287	0.00103	0.113	0.00000893	2.18	3.67	0.0486	0.000664	9.63	0.00187	0.0235	0.000331	0.000261	0.000129	0.124	0.00000261	0.000295	0.0006	0.00148	0.000595
2097 May	0.000343	0.000288	0.00103	0.113	0.00000894	2.18	3.67	0.0487	0.000665	9.64	0.00187	0.0235	0.000332	0.000261	0.000129	0.125	0.00000261	0.000296	0.000601	0.00148	0.000594
2097 Jun	0.000344	0.000289	0.00103	0.114	0.00000894	2.19	3.67	0.0489	0.000666	9.62	0.00186	0.0233	0.000335	0.00026	0.000129	0.125	0.00000262	0.000295	0.000603	0.00148	0.000579
2097 Jul	0.000345	0.00029	0.00104	0.114	0.00000897	2.19	3.68	0.049	0.000669	9.65	0.00186	0.0234	0.000335	0.000261	0.00013	0.125	0.00000263	0.000296	0.000605	0.00148	0.000583
2097 Aug	0.000345	0.00029	0.00104	0.114	0.00000899	2.2	3.69	0.0491	0.00067	9.67	0.00187	0.0234	0.000336	0.000262	0.00013	0.125	0.00000263	0.000297	0.000605	0.00149	0.000588
2097 Sep	0.000345	0.00029	0.00104	0.114	0.000009	2.2	3.69	0.0491	0.000671	9.68	0.00187	0.0234	0.000336	0.000262	0.00013	0.125	0.00000263	0.000298	0.000606	0.00149	0.000594
2097 Oct	0.000345	0.00029	0.00104	0.114	0.000009	2.2	3.7	0.0491	0.000672	9.68	0.00188	0.0234	0.000335	0.000262	0.00013	0.125	0.00000263	0.000298	0.000605	0.00149	0.000598
2097 Nov	0.000345	0.00029	0.00104	0.114	0.000009	2.2	3.7	0.0491	0.000672	9.68	0.00188	0.0233	0.000335	0.000262	0.00013	0.125	0.00000263	0.000298	0.000605	0.00148	0.0006
2097 Dec	0.000345	0.00029	0.00104	0.114	0.000009	2.2	3.7	0.0491	0.000672	9.68	0.00188	0.0233	0.000335	0.000263	0.00013	0.125	0.00000263	0.000298	0.000605	0.00148	0.000601
2098 Jan	0.000345	0.00029	0.00104	0.114	0.000009	2.2	3.7	0.0491	0.000672	9.68	0.00188	0.0233	0.000335	0.000263	0.00013	0.125	0.00000263	0.000298	0.000605	0.00148	0.000601
2098 Feb	0.000345	0.00029	0.00104	0.114	0.000009	2.2	3.7	0.0491	0.000672	9.68	0.00188	0.0233	0.000335	0.000263	0.00013	0.125	0.00000263	0.000298	0.000605	0.00148	0.000601
2098 Mar	0.000345	0.00029	0.00104	0.114	0.000009	2.2	3.7	0.0491	0.000672	9.68	0.00188	0.0233	0.000335	0.000263	0.00013	0.125	0.00000263	0.000298	0.000605	0.00148	0.000601
2098 Apr	0.000345	0.00029	0.00104	0.114	0.000009	2.2	3.7	0.0491	0.000672	9.68	0.00188	0.0234	0.000335	0.000263	0.00013	0.125	0.00000263	0.000298	0.000605	0.00149	0.000601
2098 May	0.000347	0.000292	0.00104	0.115	0.00000902	2.2	3.71	0.0495	0.000672	9.68	0.00188	0.0233	0.000338	0.000262	0.00013	0.126	0.00000264	0.000298	0.000609	0.00149	0.000594
2098 Jun	0.00035	0.000298	0.00104	0.117	0.00000901	2.22	3.71	0.0505	0.000672	9.66	0.00186	0.0229	0.000349	0.00026	0.00013	0.127	0.00000266	0.000296	0.00062	0.00149	0.000562

Appendix C.3-4: FZONE Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2098 Jul	0.000351	0.000299	0.00104	0.117	0.00000903	2.22	3.72	0.0507	0.000674	9.69	0.00187	0.023	0.00035	0.000261	0.00013	0.128	0.00000267	0.000297	0.000622	0.00149	0.000563
2098 Aug	0.000351	0.000299	0.00105	0.117	0.00000905	2.23	3.73	0.0507	0.000676	9.71	0.00187	0.023	0.00035	0.000261	0.000131	0.128	0.00000267	0.000298	0.000622	0.0015	0.000571
2098 Sep	0.000351	0.000298	0.00104	0.117	0.00000904	2.23	3.73	0.0506	0.000678	9.7	0.00187	0.0229	0.000348	0.000261	0.000131	0.127	0.00000267	0.000298	0.00062	0.00149	0.000578
2098 Oct	0.00035	0.000297	0.00104	0.116	0.00000903	2.22	3.72	0.0503	0.000681	9.66	0.00187	0.0227	0.000346	0.00026	0.000131	0.127	0.00000267	0.000298	0.000616	0.00149	0.000579
2098 Nov	0.00035	0.000296	0.00104	0.116	0.00000902	2.22	3.71	0.0502	0.000683	9.65	0.00186	0.0227	0.000345	0.00026	0.00013	0.127	0.00000268	0.000299	0.000615	0.00148	0.000579
2098 Dec	0.00035	0.000296	0.00104	0.116	0.00000902	2.22	3.71	0.0502	0.000683	9.65	0.00186	0.0227	0.000345	0.00026	0.00013	0.127	0.00000268	0.000299	0.000615	0.00148	0.00058
2099 Jan	0.00035	0.000296	0.00104	0.116	0.00000902	2.22	3.71	0.0502	0.000683	9.65	0.00186	0.0227	0.000345	0.00026	0.00013	0.127	0.00000268	0.000299	0.000615	0.00148	0.00058
2099 Feb	0.00035	0.000296	0.00104	0.116	0.00000902	2.22	3.71	0.0502	0.000683	9.65	0.00186	0.0227	0.000345	0.00026	0.00013	0.127	0.00000268	0.000299	0.000615	0.00148	0.00058
2099 Mar	0.00035	0.000296	0.00104	0.116	0.00000902	2.22	3.71	0.0502	0.000683	9.65	0.00186	0.0227	0.000345	0.00026	0.00013	0.127	0.00000268	0.000299	0.000615	0.00148	0.00058
2099 Apr	0.00035	0.000296	0.00104	0.116	0.00000902	2.22	3.71	0.0502	0.000683	9.66	0.00186	0.0227	0.000345	0.00026	0.000131	0.127	0.00000268	0.000299	0.000615	0.00148	0.000581
2099 May	0.000352	0.000301	0.00104	0.117	0.00000901	2.24	3.73	0.051	0.000686	9.67	0.00186	0.0226	0.000349	0.000258	0.00013	0.128	0.00000269	0.000298	0.000622	0.00148	0.000565
2099 Jun	0.000354	0.000303	0.00104	0.118	0.00000898	2.24	3.73	0.0514	0.000691	9.68	0.00185	0.0225	0.000352	0.000258	0.000131	0.129	0.00000271	0.000299	0.000624	0.00148	0.000556
2099 Jul	0.000355	0.000303	0.00104	0.118	0.000009	2.25	3.74	0.0515	0.000693	9.71	0.00186	0.0225	0.000352	0.000259	0.000131	0.129	0.00000271	0.0003	0.000626	0.00148	0.000561
2099 Aug	0.000356	0.000304	0.00105	0.118	0.00000903	2.26	3.76	0.0516	0.000695	9.74	0.00187	0.0226	0.000353	0.00026	0.000131	0.129	0.00000272	0.000302	0.000627	0.00148	0.000568
2099 Sep	0.000355	0.000304	0.00105	0.118	0.00000903	2.26	3.76	0.0516	0.000696	9.74	0.00187	0.0225	0.000352	0.00026	0.000132	0.129	0.00000271	0.000302	0.000626	0.00148	0.000575
2099 Oct	0.000355	0.000303	0.00105	0.118	0.00000903	2.26	3.76	0.0515	0.000697	9.73	0.00187	0.0224	0.000351	0.00026	0.000132	0.129	0.00000271	0.000302	0.000625	0.00148	0.00058
2099 Nov	0.000355	0.000303	0.00105	0.118	0.00000902	2.26	3.76	0.0514	0.000698	9.72	0.00187	0.0224	0.00035	0.000259	0.000131	0.129	0.00000271	0.000302	0.000624	0.00148	0.000581
2099 Dec	0.000355	0.000303	0.00105	0.118	0.00000902	2.26	3.76	0.0514	0.000698	9.72	0.00187	0.0224	0.00035	0.000259	0.000131	0.129	0.00000271	0.000302	0.000624	0.00148	0.000581
2100 Jan	0.000355	0.000303	0.00105	0.118	0.00000902	2.26	3.76	0.0514	0.000698	9.72	0.00187	0.0224	0.00035	0.000259	0.000131	0.129	0.00000271	0.000302	0.000624	0.00148	0.000582
2100 Feb	0.000355	0.000303	0.00105	0.118	0.00000902	2.26	3.76	0.0514	0.000698	9.72	0.00187	0.0224	0.00035	0.000259	0.000131	0.129	0.00000271	0.000302	0.000624	0.00148	0.000582
2100 Mar	0.000355	0.000303	0.00105	0.118	0.00000902	2.26	3.76	0.0514	0.000698	9.72	0.00187	0.0224	0.00035	0.000259	0.000131	0.129	0.00000271	0.000302	0.000624	0.00148	0.000582
2100 Apr	0.000355	0.000303	0.00105	0.118	0.00000903	2.26	3.76	0.0514	0.000698	9.72	0.00187	0.0224	0.00035	0.000259	0.000132	0.129	0.00000271	0.000302	0.000624	0.00148	0.000582
2100 May	0.000356	0.000304	0.00105	0.118	0.00000903	2.26	3.77	0.0517	0.000699	9.71	0.00187	0.0223	0.000353	0.000259	0.000132	0.13	0.00000272	0.000302	0.000627	0.00148	0.000582
2100 Jun	0.000358	0.000308	0.00104	0.119	0.00000898	2.27	3.76	0.0524	0.000703	9.69	0.00185	0.0221	0.000359	0.000257	0.000132	0.13	0.00000274	0.000301	0.000632	0.00147	0.000556
2100 Jul	0.000358	0.000308	0.00105	0.119	0.00000899	2.27	3.77	0.0524	0.000706	9.7	0.00186	0.0221	0.000359	0.000258	0.000132	0.131	0.00000275	0.000303	0.000632	0.00147	0.00056
2100 Aug	0.000358	0.000308	0.00105	0.119	0.00000899	2.28	3.77	0.0524	0.000708	9.71	0.00186	0.022	0.000358	0.000258	0.000132	0.131	0.00000275	0.000304	0.000631	0.00147	0.000564
2100 Sep	0.000358	0.000307	0.00104	0.119	0.00000899	2.28	3.77	0.0523	0.000709	9.71	0.00186	0.022	0.000357	0.000258	0.000132	0.13	0.00000275	0.000304	0.00063	0.00147	0.000569
2100 Oct	0.000358	0.000307	0.00104	0.119	0.00000899	2.28	3.77	0.0523	0.00071	9.71	0.00186	0.022	0.000357	0.000258	0.000132	0.13	0.00000275	0.000304	0.00063	0.00147	0.000573
2100 Nov	0.000358	0.000307	0.00104	0.119	0.00000899	2.28	3.77	0.0523	0.00071	9.71	0.00186	0.022	0.000357	0.000258	0.000132	0.13	0.00000275	0.000304	0.00063	0.00147	0.000574
2100 Dec	0.000358	0.000307	0.00104	0.119	0.00000899	2.28	3.77	0.0523	0.000711	9.71	0.00186	0.022	0.000357	0.000258	0.000132	0.13	0.00000275	0.000305	0.00063	0.00147	0.000574
2101 Jan	0.000358	0.000307	0.00104	0.119	0.00000899	2.28	3.77	0.0523	0.000711	9.71	0.00186	0.022	0.000357	0.000258	0.000132	0.13	0.00000275	0.000305	0.00063	0.00147	0.000575
2101 Feb	0.000358	0.000307	0.00104	0.119	0.00000899	2.28	3.77	0.0523	0.000711	9.71	0.00186	0.022	0.000357	0.000258	0.000132	0.13	0.00000275	0.000304	0.00063	0.00147	0.000576
2101 Mar	0.000358	0.000307	0.00104	0.119	0.00000899	2.28	3.77	0.0523	0.000711	9.71	0.00186	0.022	0.000357	0.000258	0.000132	0.13	0.00000275	0.000305	0.00063	0.00147	0.000576
2101 Apr	0.000358	0.000307	0.00105	0.119	0.00000899	2.28	3.77	0.0523	0.000711	9.71	0.00186	0.022	0.000357	0.000258	0.000132	0.131	0.00000275	0.000305	0.00063	0.00147	0.000576
2101 May	0.000359	0.000308	0.00104	0.119	0.00000899	2.28	3.77	0.0525	0.000712	9.71	0.00186	0.0219	0.000359	0.000258	0.000132	0.131	0.00000276	0.000304	0.000631	0.00147	0.00057
2101 Jun	0.00036	0.000309	0.00104	0.119	0.00000895	2.29	3.77	0.0528	0.000715	9.69	0.00185	0.0218	0.000362	0.000257	0.000132	0.131	0.00000278	0.000304	0.000633	0.00147	0.000555
2101 Jul	0.000361	0.00031	0.00104	0.12	0.00000897	2.29	3.78	0.0529	0.000718	9.72	0.00185	0.0218	0.000363	0.000258	0.000133	0.131	0.00000279	0.000306	0.000635	0.00147	0.000558
2101 Aug	0.000362	0.000311	0.00105	0.12	0.000009	2.3	3.79	0.053	0.00072	9.75	0.00186	0.0218	0.000363	0.000259	0.000133	0.132	0.00000279	0.000307	0.000636	0.00147	0.000563
2101 Sep	0.000362	0.00031	0.00105	0.12	0.000009	2.3	3.79	0.053	0.00072	9.75	0.00186	0.0218	0.000363	0.000259	0.000133	0.132	0.00000279	0.000307	0.000635	0.00147	0.000572
2101 Oct	0.000361	0.00031	0.00105	0.12	0.000009	2.3	3.8	0.0529	0.000721	9.75	0.00187	0.0218	0.000362	0.000259	0.000133	0.132	0.00000279	0.000307	0.000635	0.00147	0.000578
2101 Nov	0.000361	0.00031	0.00105	0.119	0.000009	2.3	3.79	0.0528	0.000721	9.74	0.00186	0.0217	0.000361	0.000259	0.000133	0.132	0.00000279	0.000307	0.000634	0.00147	0.000582
2101 Dec	0.000361	0.00031	0.00105	0.119	0.000009	2.3	3.79	0.0528	0.000721	9.74	0.00186	0.0217	0.000361	0.000259	0.000133	0.132	0.00000279	0.000307	0.000634	0.00147	0.000582
2102 Jan	0.000361	0.00031	0.00105	0.119	0.000009	2.3	3.79	0.0528	0.000721	9.73	0.00187	0.0217	0.000361	0.000259	0.000133	0.132	0.00000279	0.000307	0.000634	0.00147	0.000583
2102 Feb	0.000361	0.00031	0.00105	0.119	0.000009	2.3	3.79	0.0528	0.000721	9.73	0.00187	0.0217	0.000361	0.000259	0.000133	0.132	0.00000279	0.000307	0.000634	0.00147	0.000583
2102 Mar	0.000361	0.00031	0.00105	0.119	0.000009	2.3	3.79	0.0528	0.000721	9.74	0.00187	0.0217	0.000361	0.000259	0.000133	0.132	0.00000279	0.000307	0.000634	0.00147	0.000583
2102 Apr	0.000361	0.00031	0.00105	0.119	0.000009	2.3	3.8	0.0528	0.000722	9.74	0.00187	0.0217	0.000361	0.000259	0.000133	0.132	0.00000279	0.000307	0.000634	0.00147	0.000583
2102 May	0.000361	0.00031	0.00105	0.119	0.000009	2.3	3.8	0.0529	0.000722	9.74	0.00187	0.0217	0.000361	0.000259	0.000133	0.132	0.00000279	0.000308	0.000634	0.00147	0.000583
2102 Jun	0.000359	0.000305	0.00104	0.118	0.00000899	2.28	3.74	0.052	0.000721	9.63	0.00185	0.0215	0.000355	0.000258	0.000132	0.13	0.0000028	0.000306	0.000628	0.00147	0.00057
2102 Jul	0.000358	0.000301	0.00103	0.117	0.00000898	2.28	3.72	0.0515	0.000723	9.58	0.00183	0.0213	0.00035	0.000258	0.000131	0.129	0.00000282	0.000306	0.000624	0.00148	0.00056
2102 Aug	0.000359	0.000302	0.00103	0.117	0.000009	2.28	3.72	0.0515	0.000725	9.6	0.00184	0.0214	0.00035	0.000259	0.000132	0.13	0.00000282	0.000307	0.000624	0.00148	0.000564
2102 Sep	0.000359	0.000302	0.00103	0.117	0.000009	2.29	3.73	0.0515	0.000726	9.61	0.00184	0.0213	0.00035	0.000259	0.000132	0.13	0.00000282	0.000307	0.000624	0.00148	0.000567
2102 Oct	0.000358	0.0003	0.00103	0.117	0.00000899	2.28	3.72	0.0513	0.000726	9.6	0.00184	0.0213	0.000348	0.000258	0.000132	0.129	0.00000282	0.000307	0.000621	0.00148	0.000569
2102 Nov	0.000358	0.0003	0.00103	0.117	0.00000899	2.28	3.72	0.0513	0.000726	9.6	0.00184	0.0213	0.000348	0.000258	0.000132	0.129	0.00000282	0.000307	0.000621	0.00148	0.000571
2102 Dec	0.000358	0.0003	0.00103	0.117	0.00000899	2.28	3.72	0.0513	0.000726	9.6	0.00184	0.0213	0.000348	0.000259	0.000132	0.129	0.00000282	0.000307	0.000621	0.00148	0.000571
2103 Jan	0.000358	0.0003	0.00103	0.117	0.00000899	2.28	3.72	0.0513	0.000726	9.6	0.00184	0.0213	0.000348	0.000259	0.000132	0.129	0.00000282	0.000307	0.000621	0.00148	0.000571
2103 Feb	0.000358	0.0003	0.00103	0.117	0.00000899	2.28	3.72	0.0513	0.000726	9.6	0.00184	0.0213	0.000348	0.000259	0.000132	0.129	0.00000282	0.000307	0.000621	0.00148	0.000571
2103 Mar	0.000358	0.0003	0.00103	0.117	0.00000899	2.28	3.72	0.0513	0.000726	9.6	0.00184	0.0213	0.000348	0.000259	0.000132	0.129	0.00000282	0.000308	0.000621	0.00148	0.000571
2103 Apr	0.000358	0.0003	0.00103	0.117	0.000009	2.28	3.72	0.0513	0.000727	9.6	0.00184	0.0213	0.000348	0.000259	0.000132	0.129	0.00000282	0.000308	0.000621	0.00148	0.000571
2103 May	0.000358	0.000301	0.00103	0.117	0.000009	2.28	3.72	0.0514	0.000727	9.58	0.00184	0.0212	0.000348	0.000259	0.000132	0.129	0.00000282	0.000307	0.000622	0.00148	0.000574
2103 Jun	0.000358	0.0003	0.00102	0.117	0.00000895	2.28	3.69	0.0513	0.00073	9.5	0.00182	0.0209	0.000349	0.000257	0.000131	0.129	0.00000284	0.000306	0.000622	0.00147	0.00056
2103 Jul	0.000358	0.000299	0.00102	0.117	0.00000895	2.28	3.69	0.0513	0.000732	9.51	0.00182	0.0209	0.000348	0.000258	0.000131	0.129	0.00000285	0.000307	0.000621	0.00147	0.000561
2103 Aug	0.000358	0.000298	0.00102	0.116	0.00000895	2.29	3.69	0.0511	0.000734	9.51	0.00182	0.0208	0.000347	0.000258	0.000131	0.129	0.00000285	0.000308	0.000619	0.00147	0.000564
2103 Sep	0.000357	0.000297	0.00102	0.116	0.00000894	2.28	3.68	0.0508	0.000736	9.49	0.00182	0.0208	0.000345	0.000257	0.000131	0.129	0.00000286	0.000308	0.000616	0.00147	0.000567
2103 Oct	0.000355	0.000293	0.00101	0.115	0.00000891	2.28	3.66	0.0502	0.000741	9.44	0.00181	0.0206	0.000339	0.000256	0.000131	0.128	0.00000287	0.000309	0.000608	0.00146	0.000563
2103 Nov	0.000355	0.000292	0.00101	0.114	0.0000089	2.28	3.65	0.05	0.000742	9.43	0.0018	0.0206	0.000338	0.000255	0.00013	0.128	0.00000287	0.000309	0.000606	0.00146	0.000563

Appendix C.3-4: FZONE Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2103 Dec	0.000355	0.000292	0.00101	0.114	0.0000089	2.28	3.65	0.05	0.000742	9.43	0.0018	0.0206	0.000338	0.000255	0.000131	0.128	0.00000287	0.000309	0.000606	0.00146	0.000564
2104 Jan	0.000355	0.000292	0.00101	0.114	0.0000089	2.28	3.65	0.05	0.000742	9.43	0.0018	0.0206	0.000338	0.000255	0.000131	0.128	0.00000287	0.000309	0.000606	0.00146	0.000564
2104 Feb	0.000355	0.000292	0.00101	0.114	0.0000089	2.28	3.65	0.05	0.000742	9.43	0.0018	0.0206	0.000338	0.000255	0.000131	0.128	0.00000287	0.000309	0.000606	0.00146	0.000564
2104 Mar	0.000355	0.000292	0.00101	0.114	0.0000089	2.28	3.65	0.05	0.000742	9.43	0.0018	0.0206	0.000338	0.000255	0.000131	0.128	0.00000287	0.000309	0.000606	0.00146	0.000564
2104 Apr	0.000355	0.000292	0.00101	0.114	0.0000089	2.28	3.65	0.0501	0.000743	9.43	0.0018	0.0206	0.000338	0.000255	0.000131	0.128	0.00000287	0.000309	0.000606	0.00146	0.000564
2104 May	0.000355	0.000293	0.00101	0.115	0.0000089	2.28	3.65	0.0502	0.000744	9.42	0.0018	0.0206	0.000339	0.000255	0.000131	0.128	0.00000288	0.000309	0.000607	0.00146	0.000561
2104 Jun	0.000355	0.000292	0.001	0.114	0.00000882	2.28	3.63	0.0502	0.00075	9.38	0.00179	0.0203	0.00034	0.000253	0.00013	0.128	0.0000029	0.000309	0.000605	0.00145	0.000545
2104 Jul	0.000355	0.000293	0.001	0.114	0.00000883	2.29	3.64	0.0502	0.000753	9.4	0.00179	0.0203	0.00034	0.000254	0.000131	0.128	0.0000029	0.00031	0.000605	0.00145	0.000548
2104 Aug	0.000356	0.000293	0.00101	0.114	0.00000885	2.29	3.65	0.0503	0.000754	9.42	0.00179	0.0203	0.00034	0.000254	0.000131	0.128	0.00000291	0.000311	0.000606	0.00145	0.000553
2104 Sep	0.000356	0.000292	0.001	0.114	0.00000884	2.29	3.64	0.0501	0.000755	9.42	0.00179	0.0203	0.000339	0.000254	0.000131	0.128	0.0000029	0.000312	0.000604	0.00145	0.000557
2104 Oct	0.000355	0.00029	0.001	0.114	0.00000883	2.29	3.63	0.0499	0.000758	9.39	0.00179	0.0202	0.000336	0.000253	0.000131	0.128	0.00000291	0.000312	0.0006	0.00144	0.000557
2104 Nov	0.000355	0.00029	0.001	0.113	0.00000882	2.29	3.63	0.0498	0.000759	9.38	0.00179	0.0202	0.000335	0.000253	0.000131	0.128	0.00000291	0.000312	0.000599	0.00144	0.000557
2104 Dec	0.000355	0.00029	0.001	0.113	0.00000882	2.29	3.63	0.0498	0.000759	9.38	0.00179	0.0202	0.000335	0.000253	0.000131	0.128	0.00000291	0.000312	0.000599	0.00144	0.000558
2105 Jan	0.000355	0.00029	0.001	0.113	0.00000882	2.29	3.63	0.0498	0.000759	9.38	0.00179	0.0202	0.000335	0.000253	0.000131	0.128	0.00000291	0.000312	0.000599	0.00144	0.000558
2105 Feb	0.000355	0.00029	0.001	0.113	0.00000882	2.29	3.63	0.0498	0.000759	9.38	0.00179	0.0202	0.000335	0.000253	0.000131	0.128	0.00000291	0.000312	0.000599	0.00144	0.000558
2105 Mar	0.000355	0.00029	0.001	0.113	0.00000882	2.29	3.63	0.0498	0.000759	9.38	0.00179	0.0202	0.000335	0.000253	0.000131	0.128	0.00000291	0.000312	0.000599	0.00144	0.000558
2105 Apr	0.000355	0.00029	0.001	0.113	0.00000882	2.29	3.63	0.0498	0.000759	9.38	0.00179	0.0202	0.000336	0.000253	0.000131	0.128	0.00000291	0.000312	0.000599	0.00144	0.000558
2105 May	0.000355	0.00029	0.001	0.114	0.00000882	2.29	3.63	0.0499	0.00076	9.37	0.00178	0.0201	0.000337	0.000253	0.000131	0.128	0.00000292	0.000311	0.0006	0.00144	0.000557
2105 Jun	0.000355	0.000291	0.000999	0.114	0.0000088	2.29	3.63	0.05	0.000763	9.36	0.00178	0.02	0.000338	0.000252	0.000131	0.128	0.00000293	0.000312	0.0006	0.00144	0.00055
2105 Jul	0.000356	0.000291	0.001	0.114	0.00000882	2.3	3.64	0.0501	0.000765	9.38	0.00179	0.0201	0.000339	0.000253	0.000131	0.128	0.00000293	0.000313	0.000601	0.00144	0.000555
2105 Aug	0.000356	0.000291	0.001	0.114	0.00000882	2.3	3.64	0.05	0.000767	9.39	0.00179	0.02	0.000337	0.000253	0.000131	0.128	0.00000293	0.000314	0.000599	0.00144	0.00056
2105 Sep	0.000355	0.000288	0.000995	0.113	0.00000879	2.29	3.62	0.0496	0.000771	9.34	0.00178	0.0199	0.000334	0.000252	0.000131	0.128	0.00000294	0.000314	0.000593	0.00143	0.000563
2105 Oct	0.000353	0.000286	0.000992	0.112	0.00000876	2.29	3.61	0.0492	0.000776	9.31	0.00177	0.0198	0.00033	0.000251	0.000131	0.127	0.00000295	0.000314	0.000587	0.00142	0.000566
2105 Nov	0.000353	0.000285	0.00099	0.112	0.00000875	2.29	3.6	0.049	0.000778	9.3	0.00177	0.0197	0.000328	0.00025	0.00013	0.127	0.00000295	0.000314	0.000585	0.00142	0.000566
2105 Dec	0.000353	0.000285	0.00099	0.112	0.00000875	2.29	3.6	0.049	0.000778	9.3	0.00177	0.0197	0.000328	0.00025	0.00013	0.127	0.00000295	0.000314	0.000585	0.00142	0.000566
2106 Jan	0.000353	0.000285	0.00099	0.112	0.00000875	2.29	3.6	0.049	0.000778	9.3	0.00177	0.0197	0.000328	0.00025	0.00013	0.127	0.00000295	0.000314	0.000585	0.00142	0.000566
2106 Feb	0.000353	0.000285	0.00099	0.112	0.00000875	2.29	3.6	0.049	0.000778	9.3	0.00177	0.0197	0.000328	0.00025	0.00013	0.127	0.00000295	0.000314	0.000585	0.00142	0.000566
2106 Mar	0.000353	0.000285	0.00099	0.112	0.00000875	2.29	3.6	0.049	0.000778	9.3	0.00177	0.0197	0.000328	0.00025	0.000131	0.127	0.00000295	0.000314	0.000585	0.00142	0.000566
2106 Apr	0.000353	0.000285	0.00099	0.112	0.00000875	2.29	3.6	0.049	0.000778	9.3	0.00177	0.0197	0.000328	0.00025	0.000131	0.127	0.00000295	0.000314	0.000585	0.00142	0.000566
2106 May	0.000353	0.000285	0.000991	0.112	0.00000875	2.29	3.6	0.0491	0.000779	9.3	0.00177	0.0197	0.000329	0.00025	0.000131	0.127	0.00000296	0.000314	0.000586	0.00142	0.000568
2106 Jun	0.000352	0.000284	0.000983	0.111	0.00000868	2.29	3.58	0.0489	0.000785	9.24	0.00175	0.0195	0.000328	0.000248	0.00013	0.127	0.00000298	0.000314	0.000582	0.00141	0.000554
2106 Jul	0.000353	0.000283	0.000983	0.111	0.00000869	2.3	3.58	0.0489	0.000789	9.25	0.00175	0.0195	0.000328	0.000249	0.000131	0.127	0.00000299	0.000316	0.000582	0.00141	0.000556
2106 Aug	0.000353	0.000283	0.000983	0.111	0.0000087	2.3	3.58	0.0488	0.000791	9.26	0.00176	0.0194	0.000326	0.000249	0.000131	0.127	0.00000299	0.000316	0.00058	0.00141	0.000564
2106 Sep	0.000352	0.000281	0.00098	0.11	0.00000868	2.3	3.57	0.0484	0.000793	9.23	0.00175	0.0193	0.000323	0.000249	0.000131	0.126	0.00000299	0.000317	0.000576	0.0014	0.00057
2106 Oct	0.000351	0.000279	0.000978	0.11	0.00000868	2.29	3.57	0.0482	0.000795	9.21	0.00175	0.0193	0.000321	0.000249	0.00013	0.126	0.00000299	0.000317	0.000573	0.0014	0.000574
2106 Nov	0.000351	0.000279	0.000978	0.11	0.00000868	2.29	3.57	0.0482	0.000795	9.21	0.00175	0.0193	0.000321	0.000249	0.00013	0.126	0.000003	0.000317	0.000573	0.0014	0.000575
2106 Dec	0.000351	0.000279	0.000978	0.11	0.00000868	2.29	3.57	0.0482	0.000795	9.21	0.00175	0.0193	0.000321	0.000249	0.00013	0.126	0.00000299	0.000317	0.000573	0.0014	0.000576
2107 Jan	0.000351	0.000279	0.000978	0.11	0.00000868	2.29	3.57	0.0482	0.000795	9.21	0.00175	0.0193	0.000321	0.000249	0.00013	0.126	0.00000299	0.000317	0.000573	0.0014	0.000576
2107 Feb	0.000351	0.000279	0.000978	0.11	0.00000868	2.29	3.57	0.0482	0.000795	9.21	0.00175	0.0193	0.000321	0.000249	0.00013	0.126	0.00000299	0.000317	0.000573	0.0014	0.000576
2107 Mar	0.000351	0.000279	0.000978	0.11	0.00000868	2.29	3.57	0.0482	0.000795	9.21	0.00175	0.0193	0.000321	0.000249	0.000131	0.126	0.000003	0.000317	0.000573	0.0014	0.000576
2107 Apr	0.000351	0.000279	0.000978	0.11	0.00000868	2.29	3.57	0.0482	0.000796	9.22	0.00175	0.0193	0.000321	0.000249	0.000131	0.126	0.000003	0.000317	0.000573	0.0014	0.000576
2107 May	0.000351	0.00028	0.000978	0.11	0.00000868	2.3	3.57	0.0483	0.000797	9.21	0.00175	0.0192	0.000322	0.000248	0.000131	0.126	0.000003	0.000317	0.000573	0.0014	0.000573
2107 Jun	0.000352	0.00028	0.000975	0.11	0.00000865	2.3	3.56	0.0483	0.0008	9.18	0.00174	0.0191	0.000323	0.000247	0.00013	0.126	0.00000302	0.000317	0.000573	0.0014	0.000562
2107 Jul	0.000352	0.00028	0.000976	0.11	0.00000866	2.3	3.56	0.0483	0.000802	9.2	0.00175	0.0191	0.000322	0.000248	0.000131	0.126	0.00000302	0.000318	0.000573	0.0014	0.000567
2107 Aug	0.000353	0.00028	0.000978	0.11	0.00000868	2.31	3.57	0.0484	0.000804	9.22	0.00175	0.0191	0.000323	0.000249	0.000131	0.127	0.00000302	0.000319	0.000574	0.0014	0.000572
2107 Sep	0.000353	0.00028	0.000979	0.11	0.00000869	2.31	3.58	0.0484	0.000804	9.23	0.00176	0.0191	0.000322	0.000249	0.000131	0.127	0.00000302	0.000319	0.000574	0.0014	0.000579
2107 Oct	0.000352	0.00028	0.000979	0.11	0.00000869	2.31	3.58	0.0483	0.000805	9.22	0.00176	0.0191	0.000321	0.000249	0.000131	0.126	0.00000302	0.000319	0.000573	0.0014	0.000584
2107 Nov	0.000352	0.000279	0.000979	0.11	0.00000869	2.31	3.58	0.0483	0.000805	9.22	0.00176	0.0191	0.000321	0.000249	0.000131	0.126	0.00000302	0.000319	0.000572	0.0014	0.000585
2107 Dec	0.000352	0.000279	0.000979	0.11	0.00000869	2.31	3.58	0.0483	0.000805	9.22	0.00176	0.0191	0.000321	0.000249	0.000131	0.126	0.00000302	0.000319	0.000572	0.0014	0.000586
2108 Jan	0.000352	0.000279	0.000979	0.11	0.00000869	2.31	3.58	0.0483	0.000805	9.22	0.00176	0.0191	0.000321	0.000249	0.000131	0.126	0.00000302	0.000319	0.000572	0.0014	0.000586
2108 Feb	0.000352	0.000279	0.000979	0.11	0.00000869	2.31	3.58	0.0483	0.000805	9.22	0.00176	0.0191	0.000321	0.000249	0.000131	0.126	0.00000302	0.000319	0.000572	0.0014	0.000586
2108 Mar	0.000352	0.000279	0.000979	0.11	0.00000869	2.31	3.58	0.0483	0.000805	9.22	0.00176	0.0191	0.000321	0.000249	0.000131	0.126	0.00000302	0.000319	0.000572	0.0014	0.000586
2108 Apr	0.000352	0.00028	0.000979	0.11	0.0000087	2.31	3.58	0.0483	0.000805	9.22	0.00176	0.0191	0.000321	0.000249	0.000131	0.126	0.00000302	0.00032	0.000572	0.0014	0.000587
2108 May	0.000353	0.00028	0.00098	0.11	0.00000871	2.31	3.58	0.0483	0.000806	9.23	0.00176	0.0191	0.000322	0.000249	0.000131	0.127	0.00000302	0.00032	0.000573	0.0014	0.000587
2108 Jun	0.000353	0.000279	0.000978	0.11	0.00000871	2.3	3.57	0.0482	0.000805	9.19	0.00175	0.019	0.000321	0.000249	0.000131	0.126	0.00000303	0.000319	0.000573	0.0014	0.000577
2108 Jul	0.000353	0.00028	0.00098	0.11	0.00000874	2.31	3.57	0.0483	0.000808	9.21	0.00176	0.019	0.000322	0.000249	0.000131	0.127	0.00000304	0.000319	0.000574	0.00141	0.000579
2108 Aug	0.000354	0.00028	0.000983	0.11	0.00000877	2.32	3.59	0.0484	0.00081	9.24	0.00176	0.019	0.000322	0.00025	0.000132	0.127	0.00000305	0.000321	0.000575	0.00141	0.000584
2108 Sep	0.000354	0.00028	0.000983	0.11	0.00000877	2.32	3.59	0.0484	0.000811	9.25	0.00176	0.019	0.000322	0.000251	0.000132	0.127	0.00000305	0.000321	0.000575	0.00141	0.00059
2108 Oct	0.000354	0.000279	0.000982	0.11	0.00000877	2.31	3.58	0.0482	0.00081	9.23	0.00176	0.0189	0.00032	0.00025	0.000131	0.126	0.00000304	0.000321	0.000573	0.00141	0.000593
2108 Nov	0.000353	0.000279	0.000982	0.11	0.00000877	2.31	3.58	0.0481	0.00081	9.22	0.00176	0.0189	0.00032	0.00025	0.000131	0.126	0.00000304	0.000321	0.000573	0.00141	0.000594
2108 Dec	0.000353	0.000279	0.000982	0.11	0.00000877	2.31	3.58	0.0481	0.00081	9.22	0.00176	0.0189	0.00032	0.00025	0.000131	0.126	0.00000304	0.000321	0.000572	0.00141	0.000594
2109 Jan	0.000353	0.000279	0.000982	0.11	0.00000877	2.31	3.58	0.0481	0.00081	9.22	0.00176	0.0189	0.00032	0.00025	0.000131	0.126	0.00000304	0.000321	0.000573	0.00141	0.000594
2109 Feb	0.000353	0.000279	0.000982	0.11	0.00000877	2.31	3.58	0.0481	0.00081	9.22	0.00176	0.0189	0.00032	0.00025	0.000131	0.126	0.00000304	0.000321	0.000573	0.00141	0.000594
2109 Mar	0.000354	0.000279	0.000982	0.11	0.00000877	2.31	3.58	0.0481	0.00081	9.23	0.00176	0.0189	0.00032	0.00025	0.000131	0.126	0.00000304	0.000321	0.000573	0.00141	0.000594
2109 Apr	0.000354	0.000279	0.000982	0.11	0.00000877	2.31	3.58	0.0482	0.00081	9.23	0.00176	0.0189	0.00032	0.00025	0.000131	0.126	0.00000304	0.000321	0.000573	0.00141	0.000595

Appendix C.3-4: FZONE Closure

Constituents	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2109 May	0.000354	0.00028	0.000983	0.11	0.00000879	2.31	3.59	0.0483	0.00081	9.22	0.00176	0.0189	0.000322	0.00025	0.000131	0.127	0.00000304	0.00032	0.000575	0.00141	0.00059
2109 Jun	0.000355	0.000282	0.000985	0.111	0.00000882	2.31	3.59	0.0486	0.00081	9.2	0.00176	0.0188	0.000324	0.000249	0.000131	0.127	0.00000305	0.000319	0.000579	0.00142	0.000579
2109 Jul	0.000356	0.000282	0.000987	0.111	0.00000884	2.32	3.59	0.0486	0.000811	9.22	0.00176	0.0188	0.000325	0.00025	0.000132	0.127	0.00000305	0.00032	0.000579	0.00142	0.000586
2109 Aug	0.000356	0.000282	0.000989	0.111	0.00000886	2.32	3.6	0.0487	0.000812	9.23	0.00177	0.0188	0.000325	0.000251	0.000132	0.127	0.00000306	0.000321	0.00058	0.00142	0.000594
2109 Sep	0.000356	0.000282	0.000989	0.111	0.00000886	2.32	3.6	0.0486	0.000813	9.23	0.00177	0.0187	0.000324	0.000251	0.000132	0.127	0.00000305	0.000321	0.000579	0.00142	0.000602
2109 Oct	0.000355	0.00028	0.000988	0.111	0.00000887	2.32	3.59	0.0483	0.000814	9.19	0.00177	0.0186	0.000322	0.00025	0.000132	0.127	0.00000306	0.00032	0.000576	0.00142	0.000603
2109 Nov	0.000355	0.00028	0.000988	0.111	0.00000887	2.32	3.59	0.0483	0.000814	9.19	0.00177	0.0186	0.000322	0.00025	0.000132	0.127	0.00000306	0.00032	0.000575	0.00142	0.000604
2109 Dec	0.000355	0.00028	0.000988	0.111	0.00000887	2.32	3.59	0.0483	0.000814	9.19	0.00177	0.0186	0.000322	0.00025	0.000132	0.127	0.00000306	0.00032	0.000575	0.00142	0.000604
2110 Jan	0.000355	0.00028	0.000988	0.111	0.00000887	2.32	3.59	0.0483	0.000814	9.19	0.00177	0.0186	0.000322	0.00025	0.000132	0.127	0.00000306	0.00032	0.000575	0.00142	0.000605
2110 Feb	0.000355	0.00028	0.000988	0.111	0.00000887	2.32	3.59	0.0483	0.000814	9.19	0.00177	0.0186	0.000322	0.00025	0.000132	0.127	0.00000306	0.00032	0.000575	0.00142	0.000605
2110 Mar	0.000355	0.00028	0.000988	0.111	0.00000887	2.32	3.59	0.0483	0.000814	9.19	0.00177	0.0186	0.000322	0.00025	0.000132	0.127	0.00000306	0.00032	0.000575	0.00142	0.000605
2110 Apr	0.000355	0.00028	0.000988	0.111	0.00000887	2.32	3.59	0.0483	0.000815	9.19	0.00177	0.0186	0.000322	0.00025	0.000132	0.127	0.00000306	0.00032	0.000575	0.00142	0.000605
2110 May	0.000355	0.000281	0.000989	0.111	0.00000888	2.32	3.6	0.0484	0.000815	9.19	0.00177	0.0186	0.000322	0.00025	0.000132	0.127	0.00000306	0.00032	0.000576	0.00142	0.000607
2110 Jun	0.000356	0.000282	0.000988	0.112	0.00000887	2.32	3.59	0.0487	0.000818	9.13	0.00176	0.0184	0.000326	0.000249	0.000132	0.127	0.00000308	0.000319	0.000579	0.00142	0.000602
2110 Jul	0.000356	0.000283	0.000989	0.112	0.00000889	2.32	3.6	0.0488	0.000821	9.15	0.00176	0.0184	0.000326	0.00025	0.000132	0.127	0.00000308	0.00032	0.00058	0.00142	0.000604
2110 Aug	0.000355	0.00028	0.000985	0.111	0.00000887	2.32	3.59	0.0484	0.000825	9.12	0.00176	0.0182	0.000323	0.000249	0.000132	0.127	0.0000031	0.00032	0.000575	0.00141	0.000604
2110 Sep	0.000353	0.000276	0.000979	0.11	0.00000884	2.32	3.56	0.0477	0.000833	9.08	0.00175	0.0181	0.000316	0.000247	0.000131	0.126	0.00000312	0.000321	0.000565	0.0014	0.000605
2110 Oct	0.000351	0.000272	0.000973	0.108	0.00000879	2.32	3.53	0.047	0.000843	9.03	0.00173	0.018	0.00031	0.000245	0.000131	0.126	0.00000314	0.000322	0.000555	0.00139	0.000603
2110 Nov	0.000351	0.000271	0.000971	0.108	0.00000878	2.32	3.53	0.0468	0.000845	9.02	0.00173	0.018	0.000308	0.000245	0.000131	0.125	0.00000314	0.000322	0.000553	0.00139	0.000603
2110 Dec	0.000351	0.000271	0.000971	0.108	0.00000878	2.32	3.53	0.0468	0.000845	9.02	0.00173	0.018	0.000308	0.000245	0.000131	0.125	0.00000314	0.000322	0.000553	0.00139	0.000604
2111 Jan	0.000351	0.000271	0.000971	0.108	0.00000878	2.32	3.53	0.0468	0.000845	9.02	0.00173	0.018	0.000308	0.000245	0.000131	0.125	0.00000314	0.000322	0.000553	0.00139	0.000604
2111 Feb	0.000351	0.000271	0.000971	0.108	0.00000878	2.32	3.53	0.0468	0.000845	9.02	0.00173	0.018	0.000308	0.000245	0.000131	0.125	0.00000314	0.000322	0.000553	0.00139	0.000604
2111 Mar	0.000351	0.000271	0.000971	0.108	0.00000878	2.32	3.53	0.0468	0.000845	9.02	0.00173	0.018	0.000308	0.000245	0.000131	0.125	0.00000314	0.000322	0.000553	0.00139	0.000604
2111 Apr	0.000351	0.000271	0.000972	0.108	0.00000878	2.32	3.53	0.0468	0.000845	9.02	0.00173	0.018	0.000308	0.000245	0.000131	0.125	0.00000314	0.000322	0.000553	0.00139	0.000605
2111 May	0.000352	0.000271	0.000972	0.108	0.00000879	2.32	3.53	0.0469	0.000847	9.02	0.00173	0.018	0.000309	0.000245	0.000131	0.126	0.00000315	0.000322	0.000554	0.00139	0.000602
2111 Jun	0.000352	0.000273	0.00097	0.108	0.00000875	2.33	3.53	0.0472	0.000854	9	0.00172	0.0178	0.000311	0.000244	0.000131	0.126	0.00000317	0.000322	0.000555	0.00138	0.000588
2111 Jul	0.000353	0.000273	0.000973	0.109	0.00000877	2.33	3.54	0.0473	0.000856	9.03	0.00173	0.0179	0.000312	0.000245	0.000132	0.126	0.00000318	0.000323	0.000556	0.00139	0.000593
2111 Aug	0.000353	0.000273	0.000972	0.108	0.00000878	2.33	3.54	0.0472	0.000857	9.03	0.00173	0.0178	0.000311	0.000245	0.000132	0.126	0.00000318	0.000324	0.000555	0.00138	0.000601
2111 Sep	0.000353	0.000272	0.000971	0.108	0.00000878	2.33	3.54	0.047	0.000859	9.02	0.00173	0.0178	0.000309	0.000245	0.000132	0.126	0.00000318	0.000324	0.000553	0.00138	0.000608
2111 Oct	0.000352	0.00027	0.000968	0.108	0.00000876	2.33	3.53	0.0467	0.000864	8.98	0.00172	0.0177	0.000307	0.000244	0.000131	0.126	0.00000319	0.000324	0.000548	0.00138	0.000609
2111 Nov	0.000351	0.000268	0.000966	0.107	0.00000874	2.33	3.52	0.0465	0.000867	8.96	0.00172	0.0176	0.000304	0.000243	0.000131	0.125	0.0000032	0.000324	0.000545	0.00137	0.000609
2111 Dec	0.000351	0.000268	0.000966	0.107	0.00000874	2.33	3.52	0.0464	0.000867	8.96	0.00172	0.0176	0.000304	0.000243	0.000131	0.125	0.0000032	0.000324	0.000545	0.00137	0.00061
2112 Jan	0.000351	0.000268	0.000966	0.107	0.00000874	2.33	3.52	0.0464	0.000867	8.96	0.00172	0.0176	0.000304	0.000243	0.000131	0.125	0.0000032	0.000324	0.000545	0.00137	0.00061
2112 Feb	0.000351	0.000268	0.000966	0.107	0.00000874	2.33	3.52	0.0464	0.000867	8.96	0.00172	0.0176	0.000304	0.000243	0.000131	0.125	0.0000032	0.000324	0.000545	0.00137	0.000611
2112 Mar	0.000351	0.000268	0.000966	0.107	0.00000874	2.33	3.52	0.0465	0.000867	8.96	0.00172	0.0176	0.000304	0.000243	0.000131	0.125	0.0000032	0.000324	0.000545	0.00137	0.000611
2112 Apr	0.000351	0.000268	0.000966	0.107	0.00000874	2.33	3.52	0.0465	0.000867	8.96	0.00172	0.0176	0.000304	0.000243	0.000131	0.125	0.0000032	0.000324	0.000545	0.00137	0.000611
2112 May	0.000351	0.000269	0.000967	0.107	0.00000874	2.33	3.52	0.0466	0.000869	8.95	0.00172	0.0176	0.000306	0.000243	0.000131	0.126	0.00000321	0.000324	0.000546	0.00137	0.000611
2112 Jun	0.000352	0.000271	0.00096	0.107	0.00000865	2.34	3.51	0.047	0.000879	8.9	0.0017	0.0173	0.00031	0.000241	0.000132	0.126	0.00000324	0.000324	0.000548	0.00136	0.000593
2112 Jul	0.000352	0.00027	0.000959	0.107	0.00000864	2.34	3.51	0.047	0.000883	8.9	0.00171	0.0173	0.000309	0.000242	0.000132	0.126	0.00000325	0.000325	0.000547	0.00136	0.000596
2112 Aug	0.000353	0.000271	0.00096	0.107	0.00000866	2.34	3.52	0.047	0.000885	8.92	0.00171	0.0173	0.000309	0.000243	0.000132	0.126	0.00000325	0.000326	0.000548	0.00136	0.000605
2112 Sep	0.000353	0.00027	0.00096	0.107	0.00000867	2.34	3.52	0.0469	0.000885	8.92	0.00171	0.0173	0.000308	0.000243	0.000132	0.126	0.00000325	0.000326	0.000547	0.00136	0.000618
2112 Oct	0.000352	0.00027	0.00096	0.107	0.00000866	2.34	3.52	0.0469	0.000886	8.91	0.00171	0.0172	0.000307	0.000243	0.000132	0.126	0.00000325	0.000326	0.000546	0.00136	0.000627
2112 Nov	0.000352	0.000269	0.000959	0.107	0.00000866	2.34	3.52	0.0468	0.000886	8.9	0.00171	0.0172	0.000307	0.000243	0.000132	0.126	0.00000325	0.000326	0.000546	0.00136	0.00063
2112 Dec	0.000352	0.000269	0.000959	0.107	0.00000866	2.34	3.52	0.0468	0.000886	8.9	0.00171	0.0172	0.000307	0.000243	0.000132	0.126	0.00000325	0.000326	0.000546	0.00136	0.00063
2113 Jan	0.000352	0.000269	0.000959	0.107	0.00000866	2.34	3.52	0.0468	0.000886	8.9	0.00171	0.0172	0.000307	0.000243	0.000132	0.126	0.00000325	0.000326	0.000546	0.00136	0.000631
2113 Feb	0.000352	0.000269	0.000959	0.107	0.00000866	2.34	3.52	0.0468	0.000886	8.9	0.00171	0.0172	0.000307	0.000243	0.000132	0.126	0.00000325	0.000326	0.000546	0.00136	0.000631
2113 Mar	0.000352	0.000269	0.00096	0.107	0.00000867	2.34	3.52	0.0468	0.000886	8.91	0.00171	0.0172	0.000307	0.000243	0.000132	0.126	0.00000325	0.000326	0.000546	0.00136	0.000631
2113 Apr	0.000352	0.00027	0.00096	0.107	0.00000867	2.34	3.52	0.0469	0.000886	8.91	0.00171	0.0172	0.000307	0.000243	0.000132	0.126	0.00000325	0.000327	0.000546	0.00136	0.000631
2113 May	0.000353	0.00027	0.000961	0.107	0.00000867	2.34	3.53	0.047	0.000887	8.91	0.00172	0.0172	0.000308	0.000243	0.000133	0.126	0.00000325	0.000326	0.000547	0.00136	0.000631
2113 Jun	0.000354	0.000272	0.000959	0.107	0.00000865	2.35	3.53	0.0474	0.000891	8.88	0.00171	0.0171	0.000312	0.000243	0.000133	0.127	0.00000327	0.000326	0.000551	0.00136	0.000619
2113 Jul	0.000354	0.000273	0.00096	0.108	0.00000867	2.35	3.54	0.0475	0.000893	8.9	0.00171	0.0171	0.000312	0.000244	0.000133	0.127	0.00000328	0.000327	0.000552	0.00136	0.000623
2113 Aug	0.000355	0.000273	0.000962	0.108	0.00000868	2.36	3.54	0.0475	0.000894	8.92	0.00172	0.0171	0.000312	0.000244	0.000133	0.127	0.00000328	0.000328	0.000552	0.00136	0.000631
2113 Sep	0.000355	0.000272	0.000962	0.107	0.00000869	2.36	3.55	0.0474	0.000895	8.92	0.00172	0.0171	0.000312	0.000245	0.000133	0.127	0.00000328	0.000328	0.000551	0.00136	0.000638
2113 Oct	0.000353	0.00027	0.000958	0.107	0.00000866	2.35	3.53	0.047	0.000899	8.87	0.00171	0.0169	0.000308	0.000243	0.000133	0.126	0.00000329	0.000328	0.000546	0.00135	0.000637
2113 Nov	0.000353	0.000269	0.000956	0.107	0.00000865	2.35	3.52	0.0469	0.000901	8.86	0.00171	0.0169	0.000307	0.000243	0.000133	0.126	0.00000329	0.000328	0.000544	0.00135	0.000637
2113 Dec	0.000353	0.000269	0.000956	0.107	0.00000865	2.35	3.52	0.0469	0.000901	8.86	0.00171	0.0169	0.000307	0.000243	0.000133	0.126	0.00000329	0.000328	0.000544	0.00135	0.000637
2114 Jan	0.000353	0.000269	0.000956	0.107	0.00000865	2.35	3.52	0.0469	0.000901	8.86	0.00171	0.0169	0.000307	0.000243	0.000133	0.126	0.00000329	0.000328	0.000544	0.00135	0.000637
2114 Feb	0.000353	0.000269	0.000956	0.107	0.00000865	2.35	3.52	0.0469	0.000901	8.86	0.00171	0.0169	0.000307	0.000243	0.000133	0.126	0.00000329	0.000328	0.000544	0.00135	0.000638
2114 Mar	0.000353	0.000269	0.000957	0.107	0.00000865	2.35	3.52	0.0469	0.000901	8.86	0.00171	0.0169	0.000307	0.000243	0.000133	0.126	0.00000329	0.000328	0.000545	0.00135	0.000638
2114 Apr	0.000353	0.000269	0.000957	0.107	0.00000866	2.35	3.52	0.0469	0.000901	8.86	0.00171	0.0169	0.000307	0.000243	0.000133	0.126	0.00000329	0.000328	0.000545	0.00135	0.000638
2114 May	0.000353	0.00027	0.000957	0.107	0.00000865	2.35	3.53	0.0471	0.000903	8.85	0.00171	0.0169	0.000309	0.000243	0.000133	0.126	0.0000033	0.000327	0.000546	0.00135	0.000637
2114 Jun	0.000354	0.000271	0.000957	0.107	0.00000864	2.36	3.53	0.0473	0.000907	8.84	0.00171	0.0168	0.000311	0.000243	0.000133	0.127	0.00000332	0.000328	0.000548	0.00135	0.000635
2114 Jul	0.000355	0.000272	0.00096	0.107	0.00000867	2.37	3.54	0.0475	0.00091	8.87	0.00171	0.0168	0.000312	0.000244	0.000134	0.127	0.00000332	0.000329	0.00055	0.00136	0.000642
2114 Aug	0.000356	0.000273	0.000963	0.108	0.0000087	2.37	3.56	0.0476	0.000912	8.9	0.00172	0.0169	0.000312	0.000245	0.000134	0.127	0.00000333	0.00033	0.000551	0.00136	0.00065
2114 Sep	0.000356	0.000272	0.000962	0.107	0.0000087	2.37	3.56	0.0475	0.000911	8.9	0.00172	0.0168	0.000311	0.000245	0.000134	0.127	0.00000332	0.00033	0.00055	0.00136	0.000661

Appendix C.3-4: FZONE Closure

Constituents	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2039-2048): Min	0.000265	0.00018	0.000956	0.0283	0.00000387	1.88	3.43	0.0323	0.000462	8.84	0.0017	0.00641	0.0000739	0.000241	0.000119	0.104	0.00000208	0.000246	0.00034	0.00126	0.0004
Post Closure (2039-2048): Mean	0.000317	0.000258	0.00109	0.0969	0.00000816	2.12	3.91	0.0437	0.000637	16.1	0.00212	0.0271	0.00027	0.000299	0.000139	0.118	0.0000026	0.000301	0.000552	0.00149	0.000526
Post Closure (2039-2048): Max	0.000374	0.000311	0.00147	0.12	0.00000905	2.53	5.71	0.053	0.000979	55.8	0.00339	0.0414	0.000363	0.000468	0.00021	0.134	0.00000365	0.000446	0.000636	0.00166	0.000728
Water quality guideline for the protection of aquatic life	***-***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
2114 Oct	0.000355	0.000271	0.000962	0.107	0.0000087	2.37	3.55	0.0473	0.000911	8.89	0.00172	0.0168	0.00031	0.000244	0.000134	0.127	0.00000332	0.00033	0.000548	0.00135	0.00067
2114 Nov	0.000355	0.000271	0.000961	0.107	0.0000087	2.36	3.55	0.0472	0.000913	8.86	0.00172	0.0167	0.000309	0.000244	0.000134	0.127	0.00000332	0.000329	0.000546	0.00135	0.000672
2114 Dec	0.000355	0.000271	0.000961	0.107	0.0000087	2.36	3.55	0.0472	0.000913	8.86	0.00172	0.0167	0.000308	0.000244	0.000134	0.127	0.00000332	0.000329	0.000546	0.00135	0.000672
2115 Jan	0.000355	0.000271	0.000961	0.107	0.0000087	2.36	3.55	0.0472	0.000913	8.86	0.00172	0.0167	0.000308	0.000244	0.000134	0.127	0.00000332	0.000329	0.000546	0.00135	0.000673
2115 Feb	0.000355	0.000271	0.000961	0.107	0.0000087	2.36	3.55	0.0472	0.000913	8.86	0.00172	0.0167	0.000308	0.000244	0.000134	0.127	0.00000332	0.000329	0.000546	0.00135	0.000673
2115 Mar	0.000355	0.000271	0.000961	0.107	0.0000087	2.36	3.55	0.0472	0.000913	8.86	0.00172	0.0167	0.000308	0.000244	0.000134	0.127	0.00000332	0.000329	0.000546	0.00135	0.000673
2115 Apr	0.000355	0.000271	0.000961	0.107	0.0000087	2.36	3.55	0.0472	0.000913	8.86	0.00172	0.0167	0.000309	0.000244	0.000134	0.127	0.00000332	0.000329	0.000546	0.00135	0.000673
2115 May	0.000356	0.000272	0.000963	0.107	0.00000871	2.37	3.55	0.0474	0.000914	8.86	0.00172	0.0167	0.000311	0.000243	0.000134	0.127	0.00000333	0.000329	0.000549	0.00135	0.000667
2115 Jun	0.000357	0.000274	0.000965	0.108	0.00000873	2.37	3.56	0.0477	0.000917	8.87	0.00172	0.0167	0.000313	0.000244	0.000134	0.128	0.00000334	0.000329	0.000552	0.00136	0.000661
2115 Jul	0.000358	0.000274	0.000968	0.108	0.00000875	2.38	3.57	0.0478	0.000919	8.9	0.00173	0.0167	0.000314	0.000244	0.000135	0.128	0.00000335	0.00033	0.000553	0.00136	0.000665
2115 Aug	0.000358	0.000274	0.000968	0.108	0.00000876	2.38	3.58	0.0477	0.000919	8.91	0.00173	0.0167	0.000313	0.000244	0.000135	0.128	0.00000334	0.000331	0.000552	0.00136	0.000671
2115 Sep	0.000358	0.000274	0.000968	0.108	0.00000877	2.38	3.58	0.0477	0.00092	8.91	0.00173	0.0166	0.000313	0.000244	0.000135	0.128	0.00000334	0.000331	0.000551	0.00136	0.00068
2115 Oct	0.000357	0.000274	0.000968	0.108	0.00000877	2.38	3.58	0.0477	0.00092	8.9	0.00173	0.0166	0.000312	0.000245	0.000135	0.128	0.00000334	0.000331	0.000551	0.00136	0.000687
2115 Nov	0.000357	0.000273	0.000968	0.108	0.00000877	2.38	3.58	0.0476	0.00092	8.89	0.00173	0.0166	0.000312	0.000244	0.000135	0.128	0.00000334	0.000331	0.00055	0.00135	0.000688
2115 Dec	0.000357	0.000273	0.000968	0.108	0.00000878	2.38	3.58	0.0476	0.00092	8.89	0.00173	0.0166	0.000312	0.000244	0.000135	0.128	0.00000334	0.000331	0.00055	0.00135	0.000689
2116 Jan	0.000357	0.000273	0.000968	0.108	0.00000878	2.38	3.58	0.0476	0.00092	8.89	0.00173	0.0166	0.000312	0.000244	0.000135	0.128	0.00000334	0.000331	0.00055	0.00135	0.000689
2116 Feb	0.000357	0.000273	0.000968	0.108	0.00000878	2.38	3.58	0.0476	0.00092	8.89	0.00173	0.0166	0.000312	0.000244	0.000135	0.128	0.00000334	0.000331	0.00055	0.00135	0.000689
2116 Mar	0.000357	0.000273	0.000968	0.108	0.00000878	2.38	3.58	0.0476	0.000921	8.89	0.00173	0.0166	0.000312	0.000244	0.000135	0.128	0.00000334	0.000331	0.00055	0.00135	0.000689
2116 Apr	0.000357	0.000273	0.000969	0.108	0.00000878	2.38	3.58	0.0476	0.000921	8.89	0.00173	0.0166	0.000312	0.000244	0.000135	0.128	0.00000334	0.000331	0.00055	0.00135	0.000689
2116 May	0.000358	0.000274	0.00097	0.108	0.00000879	2.38	3.58	0.0478	0.000921	8.88	0.00173	0.0165	0.000314	0.000244	0.000135	0.128	0.00000334	0.00033	0.000552	0.00136	0.000692
2116 Jun	0.00036	0.000279	0.000971	0.11	0.00000877	2.39	3.59	0.0487	0.000926	8.86	0.00173	0.0163	0.000322	0.000243	0.000135	0.129	0.00000337	0.000329	0.00056	0.00136	0.000671
2116 Jul	0.000361	0.00028	0.000973	0.11	0.0000088	2.4	3.6	0.0488	0.000929	8.88	0.00173	0.0164	0.000323	0.000244	0.000136	0.129	0.00000338	0.00033	0.000562	0.00136	0.000674
2116 Aug	0.000362	0.00028	0.000975	0.11	0.00000882	2.4	3.61	0.0489	0.000931	8.91	0.00174	0.0164	0.000323	0.000245	0.000136	0.13	0.00000339	0.000331	0.000562	0.00136	0.00068
2116 Sep	0.000361	0.000279	0.000974	0.11	0.00000882	2.4	3.61	0.0487	0.000932	8.9	0.00174	0.0163	0.000322	0.000245	0.000136	0.129	0.00000338	0.000331	0.000561	0.00136	0.000688
2116 Oct	0.000361	0.000278	0.000972	0.109	0.00000881	2.39	3.6	0.0485	0.000934	8.87	0.00173	0.0163	0.000319	0.000244	0.000136	0.129	0.00000339	0.000331	0.000558	0.00136	0.000691
2116 Nov	0.00036	0.000278	0.000972	0.109	0.00000881	2.39	3.6	0.0484	0.000935	8.87	0.00173	0.0163	0.000319	0.000244	0.000136	0.129	0.00000339	0.000331	0.000557	0.00136	0.000693
2116 Dec	0.00036	0.000278	0.000972	0.109	0.00000881	2.39	3.6	0.0484	0.000935	8.87	0.00173	0.0163	0.000319	0.000244	0.000136	0.129	0.00000339	0.000331	0.000557	0.00136	0.000694
2117 Jan	0.00036	0.000278	0.000972	0.109	0.00000881	2.39	3.6	0.0484	0.000935	8.87	0.00173	0.0163	0.000319	0.000244	0.000136	0.129	0.00000339	0.000331	0.000557	0.00136	0.000694
2117 Feb	0.00036	0.000278	0.000972	0.109	0.00000881	2.39	3.6	0.0484	0.000935	8.87	0.00173	0.0163	0.000319	0.000244	0.000136	0.129	0.00000339	0.000331	0.000557	0.00136	0.000694
2117 Mar	0.00036	0.000278	0.000972	0.109	0.00000881	2.39	3.6	0.0484	0.000935	8.87	0.00173	0.0163	0.000319	0.000244	0.000136	0.129	0.00000339	0.000331	0.000557	0.00136	0.000694
2117 Apr	0.000361	0.000278	0.000973	0.109	0.00000881	2.39	3.6	0.0485	0.000935	8.87	0.00173	0.0163	0.000319	0.000244	0.000136	0.129	0.00000339	0.000331	0.000557	0.00136	0.000694
2117 May	0.000361	0.000279	0.000974	0.11	0.00000882	2.4	3.61	0.0486	0.000936	8.87	0.00173	0.0163	0.00032	0.000244	0.000136	0.129	0.0000034	0.000331	0.000559	0.00136	0.000692
2117 Jun	0.000363	0.00028	0.000975	0.11	0.00000883	2.4	3.61	0.0489	0.00094	8.88	0.00173	0.0162	0.000323	0.000244	0.000136	0.13	0.00000341	0.000331	0.000562	0.00136	0.000682
2117 Jul	0.000363	0.000281	0.000978	0.111	0.00000886	2.41	3.63	0.049	0.000942	8.91	0.00174	0.0163	0.000324	0.000245	0.000137	0.13	0.00000342	0.000332	0.000564	0.00136	0.000686
2117 Aug	0.000364	0.000281	0.00098	0.111	0.00000887	2.41	3.63	0.0491	0.000943	8.93	0.00174	0.0163	0.000324	0.000245	0.000137	0.13	0.00000342	0.000333	0.000564	0.00137	0.000692
2117 Sep	0.000364	0.000281	0.00098	0.111	0.00000888	2.41	3.64	0.0491	0.000944	8.94	0.00175	0.0163	0.000323	0.000246	0.000137	0.13	0.00000342	0.000334	0.000564	0.00137	0.000699
2117 Oct	0.000364	0.000281	0.00098	0.111	0.00000888	2.41	3.64	0.049	0.000944	8.93	0.00175	0.0162	0.000323	0.000246	0.000137	0.13	0.00000342	0.000334	0.000563	0.00137	0.000704
2117 Nov	0.000364	0.000281	0.00098	0.111	0.00000888	2.41	3.64	0.049	0.000944	8.93	0.00175	0.0162	0.000323	0.000246	0.000137	0.13	0.00000342	0.000334	0.000563	0.00136	0.000705
2117 Dec	0.000364	0.000281	0.00098	0.111	0.00000888	2.41	3.64	0.049	0.000944	8.93	0.00175	0.0162	0.000323	0.000246	0.000137	0.13	0.00000342	0.000334	0.000563	0.00136	0.000706
2118 Jan	0.000364	0.000281	0.00098	0.111	0.00000888	2.41	3.64	0.049	0.000944	8.93	0.00175	0.0162	0.000323	0.000246	0.000137	0.13	0.00000342	0.000334	0.000563	0.00136	0.000706
2118 Feb	0.000364	0.000281	0.00098	0.111	0.00000888	2.41	3.64	0.049	0.000944	8.93	0.00175	0.0162	0.000323	0.000246	0.000137	0.13	0.00000342	0.000334	0.000563	0.00136	0.000706
2118 Mar	0.000364	0.000281	0.00098	0.111	0.00000888	2.41	3.64	0.049	0.000944	8.93	0.00175	0.0162	0.000323	0.000246	0.000137	0.13	0.00000342	0.000334	0.000563	0.00136	0.000706
2118 Apr	0.000364	0.000281	0.00098	0.111	0.00000889	2.41	3.64	0.049	0.000944	8.93	0.00175	0.0162	0.000323	0.000246	0.000137	0.13	0.00000342	0.000334	0.000563	0.00137	0.000706
2118 May	0.000366	0.000284	0.000984	0.112	0.0000089	2.42	3.65	0.0496	0.000943	8.93	0.00175	0.0162	0.000328	0.000245	0.000137	0.131	0.00000342	0.000332	0.00057	0.00137	0.000695
2118 Jun	0.000369	0.00029	0.000987	0.114	0.0000089	2.43	3.67	0.0506	0.000946	8.93	0.00175	0.0161	0.000338	0.000245	0.000138	0.132	0.00000345	0.000331	0.000581	0.00138	0.000669
2118 Jul	0.00037	0.000291	0.00099	0.114	0.00000893	2.44	3.68	0.0508	0.000949	8.96	0.00175	0.0161	0.000339	0.000246	0.000138	0.132	0.00000346	0.000332	0.000582	0.00138	0.000673
2118 Aug	0.00037	0.000291	0.00099	0.114	0.00000894	2.44	3.69	0.0507	0.000949	8.98	0.00175	0.0161	0.000338	0.000246	0.000138	0.132	0.00000345	0.000333	0.000582	0.00138	0.000683
2118 Sep	0.000369	0.00029	0.000988	0.113	0.00000893	2.44	3.68	0.0505	0.000952	8.95	0.00175	0.016	0.000336	0.000246	0.000138	0.132	0.00000346	0.000333	0.000579	0.00137	0.000686
2118 Oct	0.000368	0.000288	0.000986	0.113	0.00000892	2.43	3.67	0.0503	0.000957	8.92	0.00175	0.0159	0.000334	0.000245	0.000138	0.132	0.00000347	0.000333	0.000575	0.00137	0.000689
2118 Nov	0.000368	0.000288	0.000985	0.113	0.00000891	2.43	3.67	0.0502	0.000959	8.91	0.00174	0.0159	0.000333	0.000245	0.000138	0.132	0.00000347	0.000333	0.000574	0.00137	0.000691
2118 Dec	0.000368	0.000288	0.000985	0.113	0.00000891	2.43	3.67	0.0502	0.000959	8.91	0.00174	0.0159	0.000333	0.000245	0.000138	0.132	0.00000347	0.000333	0.000574	0.00137	0.000691
2119 Jan	0.000368	0.000288	0.000985	0.113	0.00000892	2.43	3.67	0.0502	0.000959	8.91	0.00174	0.0159	0.000333	0.000245	0.000138	0.132	0.00000347	0.000333	0.000574	0.00137	0.000691
2119 Feb	0.000368	0.000288	0.000985	0.113	0.00000892	2.43	3.67	0.0502	0.000959	8.91	0.00174	0.0159	0.000333	0.000245	0.000138	0.132	0.00000347	0.000333	0.000574	0.00137	0.000691
2119 Mar	0.000368	0.000288	0.000985	0.113	0.00000892	2.43	3.67	0.0502	0.000959	8.91	0.00174	0.0159	0.000333	0.000245	0.000138	0.132	0.00000347	0.000333	0.000574	0.00137	0.000692
2119 Apr	0.000369	0.000288	0.000986	0.113	0.00000892	2.44	3.67	0.0503	0.000959	8.92	0.00175	0.0159	0.000333	0.000245	0.000138	0.132	0.00000348	0.000333	0.000575	0.00137	0.000691
2119 May	0.000371	0.000293	0.00099	0.114	0.0000089	2.45	3.7	0.0512	0.000966	8.93	0.00175	0.0158	0.000337	0.000244	0.000138	0.133	0.0000035	0.000332	0.000583	0.00137	0.000675
2119 Jun	0.000373	0.000295	0.00099	0.115	0.00000888	2.46	3.71	0.0516	0.000971	8.95	0.00175	0.0158	0.000339	0.000244	0.000139	0.134	0.00000352	0.000333	0.000586	0.00137	0.00067
2119 Jul	0.000374	0.000296	0.000993	0.115	0.00000891	2.46	3.72	0.0517	0.000974	8.97	0.00175	0.0158	0.00034	0.000245	0.000139	0.134	0.00000352	0.000334	0.000588	0.00137	0.000676
2119 Aug	0.000374	0.000296	0.000994	0.115	0.00000893	2.47	3.73	0.0518	0.000975	9	0.00176	0.0158	0.00034	0.000246	0.000139	0.134	0.00000353	0.000336	0.000588	0.00137	0.000683
2119 Sep	0.000374	0.000295	0.000993	0.115	0.00000893	2.47	3.72	0.0516	0.000975	8.99	0.00176	0.0158	0.000338	0.000246	0.000139	0.134	0.00000352	0.000336	0.000587	0.00137	0.000692
2119 Oct	0.000374	0.000295	0.000992	0.115	0.00000892	2.47	3.72	0.0515	0.000978	8.97	0.00175	0.0157	0.000337	0.000245	0.000139	0.134	0.00000353	0.000335	0.000585	0.00137	0.000694
2119 Nov	0.000373	0.000294	0.000991	0.114	0.00000892	2.46	3.72	0.0515	0.000979	8.96	0.00175	0.0157	0.000336	0.000245	0.000139	0.134	0.00000353	0.000335	0.000584	0.00136	0.000694
2119 Dec	0.000373	0.000294	0.000991	0.114	0.00000892	2.46	3.72	0.0515	0.000979	8.96	0.00175	0.0157	0.000336	0.000245	0.000139	0.134	0.00000353	0.000335	0.000584	0.00136	0.000695